NOTICE TO THE PUBLIC
WILLIAMSON COUNTY COMMISSIONER'S COURT
FEBRUARY 22ND, 2011
9:30 A.M.

The Commissioner's Court of Williamson County, Texas will meet in regular session in the Commissioner's Courtroom, 710 Main Street, in Georgetown, Texas to consider the following items:

1. Review and approval of minutes.

2. Consider noting in minutes any off right-of-way work on any County road done by Road & Bridge Unified System.

3. Hear County Auditor concerning invoices, bills, Quick Check Report, and Wire Transfers submitted for payment and take appropriate action including, but not limited to approval for payment provided said items are found by the County Auditor to be legal obligations of the county.

4. Citizen comments. Except when public hearings are scheduled for later in the meeting, this will be the only opportunity for citizen input. The Court invites comments on any matter affecting the county, whether on the Agenda or not. Speakers should limit their comments to three minutes. Note that the members of the Court may not comment at the meeting about matters that are not on the agenda.

CONSENT AGENDA

The Consent Agenda includes non-controversial and routine items that the Court may act on with one single vote. The Judge or a Commissioner may pull any item from the consent agenda in order that the court discuss and act upon it individually as part of the Regular Agenda.
(Items 5 – 23)

5. To discuss and consider approving a line item transfer for Department 451/JP #1

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq
From	004999	Miscellaneous	300.00	
To	004621	Copier Rental	300.00	

6. Discuss and consider approving a line item transfer for the budget office.

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq
From	0100.0491.004999	Misc.	215.00	

To	0100.0491.004350	Printed Materials/Binding	215.00	

7. Discuss and consider approving a line item transfer for JP3

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq
From	0100-0453-004999	Miscellaneous	$300.00	
To	0100-0453-004544	Repairs To Office Equipment	$300.00	

8. Discuss and approve correcting the minutes for Agenda Item #31 from August 31, 2010, to record the correct number of decimal places on the tax rate of .289999 from the original minutes.

9. Consider approving Justice of the Peace, Pct. #4, January, 2011, monthly report in compliance with code of criminal procedure 103.005(b)

10. Discuss and considering approving a $100 memorial tree dedication for Dick Finnegan.

11. Consider approving property tax collections for the month of January 2011 for the Williamson County Tax Assessor/Collector.

12. Consider approving property tax refunds over $2,500.00 for the month of January 2011 for the Williamson County Tax Assessor/Collector.

13. Consider authorizing the transfer of various equipment items through inter-office transfer, auction, donation, or destruction.

14. Submission of yearly racial profiling stats as required by law.

15. Discuss and take action on the Red Poppy Ride to take place on April 16, 2011.

16. Acknowledge and enter into the official minutes of the Commissioners Court the 2010 Certification of Compliance for County Investment Officer Vivian L. Wood, CIO, Treasurer.

17. Acknowledge and enter into the official minutes of the Commissioners Court the 2010 Certification of Compliance for County Investment Officer Kathy Kohutek, First Assistant Treasurer.

18. Consider approving the Treasurer's Report on the Williamson County Finances for January 2011.

19. Discuss and consider preliminary plat approval for Fox Den Addition #3, Pct. 3.

20. Discuss and consider variance to 25' building setback line for proposed Lot 5 of Fox Den Addition #3.

21. Discuss and consider preliminary approval of Teravista, Section 19, Pct. 4.

22. Discuss and License Agreement with Grand Republic Construction Fabrication, Inc., Pct. 3.

23. Discuss and consider preliminary plat approval for Durham Park, Sec 4, Blk A, replat of Lot 7, Pct. 2.

REGULAR AGENDA

24. Williamson County Emergency Medical Services Best Practices in EMS presentation.

25. Hear update on Local Initiative Project activities under the counterfeit inspection certificate program.

26. Discuss and take appropriate action on road bond program.

27. Consider authorizing 2006 Road Bond transfer request per recommendation of Mike Weaver, Road Bond Manager to move $3,000,000.00 from non-departmental (P156) to SH 195 (P149).

28. Consider authorizing County Judge to execute a Real Estate Contract with Larry Martin Gordon, Jr., Lauren Gordon, Larry Martin Gordon, Sr., and Judi M. Gordon for right-of-way needed on Chandler Road, Section IIIA. (P13)

29. Consider authorizing County Judge to execute a Real Estate Contract with JYKM Liberty Hill, L.L.C. for right-of-way needed on SH 195. (P124B)

30. Consider authorizing Commissioner Covey to execute a letter to the City of Georgetown requesting an extension of the Shell Road PID assessment lien for two years for Campbell-Georgetown, Ltd tract.

31. Discuss and take appropriate action regarding employment of the law firm of Tiemann, Shahady & Hamala, P.C. to represent Williamson County in relation to Williamson County Floodplain matters; and exemption of those attorney services from the competitive bid/proposal requirements of the County Purchasing Act pursuant to the discretionary exemption for personnel or professional services.

32. Discuss and take appropriate action regarding revisions to the Williamson County Employee Policy Manual on page 72 – 73 and pages 90 – 91. These revisions concern Bad Weather Leave / EOC Activation Leave Policy.

33. Consider Approving the Agreement Extension Addendum with Texas Health Institute.

34. Consider for concurrence with Williamson County Conservation Foundation (WCCF) board on Work Authorization (WA) for edcuational activities under the Regional Habitat Conservation Plan (RHCP).

35. Discuss and take appropriate action on a letter to the Environmental Protection Agency (EPA) concurring with proposal from the Clean Air Coalition (CAC) on implementation under ozone standards.

36. Discuss and take apprpriate action on Determination Letter for mitigation under the County's Habitat Conservation Plan (HCP) for Ronald Ragan Boulevard, Phase IV, from near intersection with SH 195 to near intersection with IH-35.

37. Consider and take appropriate action on a resolution regarding the Low Income Vehicle Repair, Retrofit and Accelerated Retirement Program and Local Initiative Projects.

38. Discuss and take appropriate action on the Burn Ban.

39. Discuss and take possilbe action regarding Texas legislative issues and bills that relate to county business.

40. Consider authorizing advertising and setting date of March 29, 2011 at 1:30pm in the Purchasing Department to receive bids for the Regional Park Headquarters project, Bid # 11WC907.

41. Consider authorizing advertising and setting date of March 15, 2011 at 2:00 PM in the Purchasing Department to receive bids for Asphalt Mixes, Asphalt Cement and Cut Back, Asphalt Emulsions.

42. Discuss and take appropriate action on an amendment to a lease between Carquest and Williamson County regarding the property located at 909 Austin Avenue, Georgetown, Texas 78626.

EXECUTIVE SESSION

"The Commissioners Court for Williamson County reserves the right to adjourn into executive session at any time during the course of this meeting to discuss any of the matters listed above, as authorized by Texas Government Code Sections 551.071 (Consultations with Attorney), 551.072 (Deliberations regarding Real Property), 551.073 (Deliberations regarding Gifts and Donations), 551.074 (Personnel Matters), 551.076 (Deliberations regarding Security Devices) and 551.087 (Deliberations regarding Economic Development Negotiations)."

43. Discuss real estate matters (EXECUTIVE SESSION as per VTCA Govt. Code sec. 551.0721 Deliberation Regarding Real Estate Property if deliberation in an open meeting would have a detrimental effect on the position of the governmental body in negotiations with third person.)

1. Proposed or potential purchase of lease of property by the County:

a) Discuss proposed acquisition of property for right-of-way for SH 195 0.805 South of Bell County Line to IH 35.

b) Discuss proposed acquisition of property for right-of-way for O'Connor Boulevard and 620 project.

c) Discuss proposed acquisition of property for right-of-way for Ronald Reagan Blvd. Phase II project from FM 3405 to Reagan Blvd.

d) Discuss proposed acquisition of property for right-of-way for Ronald Reagan Blvd. Phase III and Phase IV.

e) Discuss proposed acquisition of property for proposed SH 29 Safety Improvement project.

f) Discuss proposed acquisition of property for right-of-way along Lakeline extension.

g) Discuss proposed acquisition of property for right-of-way along SW By-Pass.

h) Discuss proposed acquisition of property for right-of-way along Pearson and Neenah.

i) Discuss proposed Northwoods Road District.

j) Discuss conveyance of University Boulevard right-of-way.

k) Discuss proposed acquisition of property for right-of-way for US 79 Section 3 from East of Hutto to CR 402.

l) Discuss proposed realignment project along FM 1660.

m) Discuss proposed acquisition of property for right-of-way along Pond Springs Road.

n) Discuss proposed acquisition of property for right-of-way along Chandler III A.

o) Discuss proposed acquisition of property for right-of-way for US 183 Extension from 1,000 feet South of San Gabriel to 1,000 feet North of SH 29.

44. Discuss pending or contemplated litigation, settlement matters and other confidential attorney-client legal matters (EXECUTIVE SESSION as per VTCA Govt. Code sec. 551.071 consultation with attorney.), including the following:

a) Cause No. 10-1166-C277; GTE Southwest Incorporated d/b/a Verizon Southwest vs. Williamson County, in the District Court of Williamson County, Texas, 277th Judicial District.

45. Discuss pending or contemplated litigation, settlement matters and other confidential attorney-client legal matters (EXECUTIVE SESSION as per VTCA Govt. Code sec. 551.071 consultation with attorney.), including the following:

a) Litigation or claims or potential litigation or claims against the County or by the County.
b) Status Update-Pending Cases or Claims
c) Cause No. 06-453-C277; Kerry Heckman et al. v. Williamson County, et al., In the District Court of Williamson County, Texas, 277th Judicial District
d) Cause No. 10-1107-C368; Jana Duty, County Attorney of Williamson County, Texas vs. Dan A. Gattis, County Judge of Williamson County, Lisa Birkman, Cynthia Long,

Valerie Covey, and Ron Morrison County Commissioners, David Flores, County Auditor, and Ashlie Koenig, Budget Officer; In the District Court, Williamson County, Texas, 368th Judicial District.
e) Cause No. 1:10-cv-869-LY; Heather Clark, David Claxton & David M. Compton v. Williamson County; In the United States District Court for the Western District of Texas, Austin Division
f) Cause No. 1:10-cv-905; Kimberly Lee & Sharon McGuyer v. Williamson County; In the United States District Court for the Western District of Texas, Austin Division
g) Employment related matters.
h) Other confidential attorney-client matters, including contracts.

46. Discuss and take appropriate action on real estate.

47. Discuss and take appropriate action on pending or contemplated litigation, settlement matters and other confidential attorney-client legal matters, including the following:

a) Litigation or claims or potential litigation or claims against the County or by the County.
b) Status Update-Pending Cases or Claims
c) Cause No. 06-453-C277; Kerry Heckman et al. v. Williamson County, et al., In the District Court of Williamson County, Texas, 277th Judicial District
d) Cause No. 10-1107-C368; Jana Duty, County Attorney of Williamson County, Texas vs. Dan A. Gattis, County Judge of Williamson County, Lisa Birkman, Cynthia Long, Valerie Covey, and Ron Morrison County Commissioners, David Flores, County Auditor, and Ashlie Koenig, Budget Officer; In the District Court, Williamson County, Texas, 368th Judicial District.
e) Cause No. 1:10-cv-869-LY; Heather Clark, David Claxton & David M. Compton v. Williamson County; In the United States District Court for the Western District of Texas, Austin Division
f) Cause No. 1:10-cv-905; Kimberly Lee & Sharon McGuyer v. Williamson County; In the United States District Court for the Western District of Texas, Austin Division
g) Employment related matters.
h) Other confidential attorney-client matters, including contracts.

48. Comments from Commissioners.

49. Discuss and take appropriate action on Capital Projects/Financing Workshop.

_____
Dan A. Gattis, County Judge

This notice of meeting was posted in the locked box located on the south side of the Williamson County Courthouse, a place readily accessible to the general public at all times, on the _____ day of _____, 2011 at _____ and remained posted for at least 72 continuous hours preceding the scheduled time of said meeting.

Line Item Transfer
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Bonnie Sims, J.P. Pct. #1
Submitted For: Dain Johnson
Department: J.P. Pct. #1
Agenda Category: Consent

Information

Agenda Item

To discuss and consider approving a line item transfer for Department 451/JP #1

Background

We need to have the funds available to do a Purchase requistion to replace the Kyocera copiers in our office to Cannon copiers. These copieres are rented monthly. After speaking with our vendor and being notifyed the state contract will cover Cannon or Xerox Copiers we have chose to replace the current copiers before the deadline of August 2011. The amount we have budgeted for the rent on two copiers will need to be increased when we have them replaced woth the Cannon Copiers.

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq
From	004999	Miscellaneous	300.00	
To	004621	Copier Rental	300.00	

Attachments

No file(s) attached.

Form Routing/Status

Form Started By: Bonnie Sims
Started On: 02/09/2011 02:20 PM
Final Approval Date: 02/09/2011

LIT
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Rebecca Clemons, County Judge
Submitted For: Rebecca Clemons
Department: County Judge
Agenda Category: Consent

Information

Agenda Item

Discuss and consider approving a line item transfer for the budget office.

Background

We are requesting a transfer of funds to cover printing costs for additional budget in brief brochures.

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq
From	0100.0491.004999	Misc.	215.00	
To	0100.0491.004350	Printed Materials/Binding	215.00	

Attachments

No file(s) attached.

Form Routing/Status

Form Started By: Rebecca Clemons
Started On: 02/14/2011 08:50 AM
Final Approval Date: 02/14/2011

Line Item Transfer
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Melissa Goins, J.P. Pct. #3
Department: J.P. Pct. #3
Agenda Category: Consent

Information

Agenda Item

Discuss and consider approving a line item transfer for JP3

Background

Insufficient funds to repair key mechanism on RapidPrint (Time Stamp) Machine. Excluding repair cost, is a service fee and trip charge totaling $131.00

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq
From	0100-0453-004999	Miscellaneous	$300.00	
To	0100-0453-004544	Repairs To Office Equipment	$300.00	

Attachments

No file(s) attached.

Form Routing/Status

Route Seq	Inbox	Approved By	Date	Status
1	County Judge Exec Asst.	Wendy Coco	02/16/2011 11:08 AM	APRV
4	Budget	Ashlie Koenig	02/16/2011 03:34 PM	APRV

Form Started By: Melissa Goins Started On: 02/15/2011 06:56 PM

Final Approval Date: 02/16/2011

Correction to August 31, 2010 Minutes
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Julie Kiley, County Auditor
Department: County Auditor
Agenda Category: Consent

Information

Agenda Item

Discuss and approve correcting the minutes for Agenda Item #31 from August 31, 2010, to record the correct number of decimal places on the tax rate of .289999 from the original minutes.

Background

During a routine review of minutes it was discovered that the Maintenance and Operations Tax Rate was put down in the minutes as .28999 instead of .289999. The tapes have been reviewed to make sure that the proper rate was stated in the motion. There was a typographical mistake made in the minutes that was not caught at the time of approval.

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

No file(s) attached.

Form Routing/Status

Form Started By: Julie Kiley Started On: 02/16/2011 04:16 PM

Final Approval Date: 02/17/2011

Justice of the Peace #4 January, 2011, monthly report
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Bonnie Hilton, J.P. Pct. #4
Department: J.P. Pct. #4
Agenda Category: Consent

Information

Agenda Item

Consider approving Justice of the Peace, Pct. #4, January, 2011, monthly report in compliance with code of criminal procedure 103.005(b)

Background

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

Link: EOM Report 01/11 JP#4

Form Routing/Status

Form Started By: Bonnie Hilton
Started On: 02/02/2011 11:24 AM
Final Approval Date: 02/03/2011

COPY

IN COMPLIANCE WITH ARTICLE 1003
CODE OF CRIMINAL PROCEDURE

THE STATE OF TEXAS
COUNTY OF WILLIAMSON

Before me, the undersigned authority, on this day personally appeared Judy Schier Hobbs, Justice of the Peace, Precinct 4, Williamson County, who, on her oath, stated that the attached report of money collected is a true and correct report for the month of January , 2011 .

JUDY SCHIER HOBBS
JUSTICE OF THE PEACE
PRECINCT FOUR

1st day of February , 2011 to certify which witness my hand and seal of office.

NOTARY PUBLIC in and for the State of Texas

SHERRY MORRISON
MY COMMISSION EXPIRES
October 24, 2013

211 W. 6th St.
P.O. Box 588
Taylor, Texas 76574

Payment Register: CIVIL
Williamson County Justice of the Peace, Pct. 4
By Date 01/01/2011-01/31/2011

TRAN NO.	DATE PAID	CASE NUMBER	FILING FEES	ABSTR AC OF JUDGM	WRITS	OUT OF COUNT	MISC.	COURT REPOR TE	CIVIL LEGAL SERVI	PCT4 CONST AB	PCT1 CONST AB	PCT2 CONST AB	PCT3 CONSTA B	ALL OTHER	TOTAL
11605	01/03/2011	EV110001	25.00	0.00	0.00	0.00	0.00	0.00	6.00	140.00	0.00	0.00	0.00	0.00	$171.00
BRICE VANDER ET AL															
11606	01/03/2011	EV110002	25.00	0.00	0.00	0.00	0.00	0.00	6.00	140.00	0.00	0.00	0.00	0.00	$171.00
PRIME PROPERTIES															
11607	01/03/2011	EV110003	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
ROBERT P. JONES															
11608	01/04/2011	EV100780	0.00	0.00	5.00	0.00	0.00	0.00	0.00	150.00	0.00	0.00	0.00	0.00	$155.00
GREEN VALLEY APT HOMES/ THE MANSIONS															
11609	01/04/2011	EV110004	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
THE MANSIONS															
11610	01/04/2011	EV110005	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
MICHAEL SCHROEDER															
11611	01/04/2011	EV110006	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
BRICE VANDER LINDEN															
11612	01/04/2011	JC110001	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
BALEKIAN HAYES PLLC															
11613	01/04/2011	JC110002	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
BALEKIAN HAYES PLLC															
11614	01/04/2011	EV100811	0.00	0.00	5.00	0.00	0.00	0.00	0.00	150.00	0.00	0.00	0.00	0.00	$155.00
ALICE CHAMBERS															
11615	01/04/2011	JC110003	25.00	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	$31.00
RAUSCH STURM ISRAEL															
11616	01/04/2011	JC110004	25.00	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	$31.00
RAUSCH STURM															
11617	01/04/2011	JC110005	25.00	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	$31.00
RAUSCH STURM															

211 W. 6th St.
P.O. Box 588
Taylor, Texas 76574

Payment Register: CIVIL
Williamson County Justice of the Peace, Pct. 4
By Date 01/01/2011-01/31/2011

TRAN NO.	DATE PAID	CASE NUMBER	FILING FEES	ABSTR AC OF JUDGM	WRITS	OUT OF COUNT	MISC.	COURT REPOR TE	CIVIL LEGAL SERVI	PCT4 CONST AB	PCT1 CONST AB	PCT2 CONST AB	PCT3 CONSTA B	ALL OTHER	TOTAL
11618	01/04/2011	JC110006	25.00	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	$31.00
MCCLESKEY HARRIGER															
11619	01/04/2011	JC110007	25.00	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	$31.00
RAUSCH STURM															
11620	01/04/2011	JC110008	25.00	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	$31.00
RAUSCH STURM															
11621	01/04/2011	JC110009	25.00	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	$31.00
TARGET NATIONAL BANK															
11622	01/04/2011	JC110010	25.00	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	$31.00
RAUSCH STURM															
11623	01/04/2011	JC110011	25.00	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	$31.00
RAUSCH STURM															
11624	01/06/2011	EV110007	25.00	0.00	0.00	0.00	0.00	0.00	6.00	140.00	0.00	0.00	0.00	0.00	$171.00
NORIOKO YOSHIKA															
11625	01/06/2011	EV110008	25.00	0.00	0.00	0.00	0.00	0.00	6.00	140.00	0.00	0.00	0.00	0.00	$171.00
A-TX PROPERTY MGMT															
11626	01/06/2011	EV110009	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
MANN & STEVENS															
11627	01/06/2011	EV110010	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
BRICE VANDER ET AL															
11628	01/06/2011	EV110011	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
BARRETT DAFFIN															
11629	01/06/2011	EV100796	0.00	0.00	5.00	0.00	0.00	0.00	0.00	150.00	0.00	0.00	0.00	0.00	$155.00
FAIRWAY KNOLL AT TERAVISTA															
11630	01/06/2011	JC110012	25.00	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	$31.00
SUBROGATION RECOVERY INC															

TRAN NO.	DATE PAID	CASE NUMBER	FILING FEES	ABSTR AC OF JUDGM	WRITS	OUT OF COUNT	MISC.	COURT REPOR TE	CIVIL LEGAL SERVI	PCT4 CONST AB	PCT1 CONST AB	PCT2 CONST AB	PCT3 CONSTA B	ALL OTHER	TOTAL
11631	01/06/2011	JC110013	25.00	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	$31.00
MICHAEL J. ADAMS PC															
11632	01/06/2011	EV110012	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
MARCIA HAGLER															
11633	01/07/2011	IN080118	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	$5.00
CINDY ESPINOZA															
11634	01/07/2011	EV110013	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
MARIBEL SNIDER															
11635	01/10/2011	EV110014	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
BARRETT DAFFIN															
11636	01/10/2011	JC110014	25.00	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	$31.00
RAUSCH STURM ET AL															
11637	01/10/2011	JC110015	7.75	0.00	0.00	0.00	0.00	0.00	1.86	21.39	0.00	0.00	0.00	0.00	$31.00
PUBLIC EMPLOYEES CREDIT UNION															
11638	01/10/2011	JC110015	17.25	0.00	0.00	0.00	0.00	0.00	4.14	48.61	0.00	0.00	0.00	0.00	$70.00
PUBLIC EMPLOYEES CREDIT UNION															
11639	01/10/2011	JC110016	25.00	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	$31.00
RAUSCH STURM															
11640	01/11/2011	EV100848	0.00	0.00	5.00	0.00	0.00	0.00	0.00	150.00	0.00	0.00	0.00	0.00	$155.00
MANSIONS AT STAR RANCH															
11641	01/11/2011	EV110015	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
MANSIONS AT STAR RANCH															
11642	01/11/2011	EV110016	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
MANTIONS AT STAR RANCH															
11643	01/11/2011	EV110017	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
MANSIONS AT STAR RANCH															

211 W. 6th St.
P.O. Box 588
Taylor, Texas 76574

Payment Register: CIVIL
Williamson County Justice of the Peace, Pct. 4
By Date 01/01/2011-01/31/2011

TRAN NO.	DATE PAID	CASE NUMBER	FILING FEES	ABSTR AC OF JUDGM	WRITS	OUT OF COUNT	MISC.	COURT REPOR TE	CIVIL LEGAL SERVI	PCT4 CONST AB	PCT1 CONST AB	PCT2 CONST AB	PCT3 CONSTA B	ALL OTHER	TOTAL
11644	01/11/2011	EV110018	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
HENNA TOWNHOMES															
11645	01/11/2011	EV110018	(25.00)	0.00	0.00	0.00	0.00	0.00	(6.00)	(70.00)	0.00	0.00	0.00	0.00	($101.00)
HENNA TOWNHOMES															
11646	01/11/2011	EV110018	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
HENNA TOWNHOMES															
11647	01/11/2011	EV110019	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
COLONIAL VILLAGE AT SIERRA VISTA															
11648	01/11/2011	EV110020	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
COLONIAL VILLAGE AT SIERRA VISTA															
11649	01/11/2011	EV110021	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
GEORGE BOWEN															
11650	01/13/2011	EV110022	22.75	0.00	0.00	0.00	0.00	0.00	5.46	126.79	0.00	0.00	0.00	0.00	$155.00
LODGE AT WARNER RANCH															
11651	01/13/2011	EV110022	2.25	0.00	0.00	0.00	0.00	0.00	0.54	13.21	0.00	0.00	0.00	0.00	$16.00
LODGE AT WARNER RANCH															
11652	01/13/2011	EV110023	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
AMBASSADOR PROPERTY MANAGEMENT															
11653	01/13/2011	EV110024	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
TRAMOR PROPERTIES															
11654	01/13/2011	EV110025	25.00	0.00	0.00	0.00	0.00	0.00	6.00	140.00	0.00	0.00	0.00	0.00	$171.00
TRAMOR PROPERTIES															
11655	01/13/2011	EV110026	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
TRAMOR PROPERTIES															

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Williamson County Justice of the Peace, Pct. 4
By Date 01/01/2011-01/31/2011

TRAN NO.	DATE PAID	CASE NUMBER	FILING FEES	ABSTR AC OF JUDGM	WRITS	OUT OF COUNT	MISC.	COURT REPOR TE	CIVIL LEGAL SERVI	PCT4 CONST AB	PCT1 CONST AB	PCT2 CONST AB	PCT3 CONSTA B	ALL OTHER	TOTAL
11656	01/13/2011	EV110027	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
TRAMOR PROPERTIES															
11657	01/13/2011	EV110028	25.00	0.00	0.00	0.00	0.00	0.00	6.00	140.00	0.00	0.00	0.00	0.00	$171.00
TRAMOR PROPERTIES															
11658	01/13/2011	EV110029	25.00	0.00	0.00	0.00	0.00	0.00	6.00	140.00	0.00	0.00	0.00	0.00	$171.00
TRAMOR PROPERTIES															
11659	01/13/2011	EV110030	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
TRAMOR PROPERTIES															
11660	01/13/2011	EV110031	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
TRAMOR PROPERTIES															
11661	01/13/2011	EV110032	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
SUNCHASE APARTMENTS															
11662	01/13/2011	EV110033	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
SUNCHASE APARTMENTS															
11663	01/13/2011	EV110034	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
SUNCHASE APARTMENTS															
11664	01/13/2011	EV110035	25.00	0.00	0.00	0.00	0.00	0.00	6.00	140.00	0.00	0.00	0.00	0.00	$171.00
SUNCHASE APARTMENTS															
11665	01/13/2011	EV110036	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
HUGH OR CONNIE HOVEN															
11666	01/13/2011	EV100813	0.00	0.00	5.00	0.00	0.00	0.00	0.00	150.00	0.00	0.00	0.00	0.00	$155.00
BARRETT DAFFIN															
11667	01/13/2011	EV100846	0.00	0.00	5.00	0.00	0.00	0.00	0.00	150.00	0.00	0.00	0.00	0.00	$155.00
BRICE VANDER															
11668	01/13/2011	EV110037	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
BARRETT DAFFIN															

TRAN NO.	DATE PAID	CASE NUMBER	FILING FEES	ABSTR AC OF JUDGM	WRITS	OUT OF COUNT	MISC.	COURT REPOR TE	CIVIL LEGAL SERVI	PCT4 CONST AB	PCT1 CONST AB	PCT2 CONST AB	PCT3 CONSTA B	ALL OTHER	TOTAL
11669	01/14/2011	SC110001	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
RALPH WILMA CLARKE															
11670	01/14/2011	EV110038	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
MAYFIELD-DEWOLF AND ASSOCIATES															
11671	01/14/2011	IN110002	0.00	0.00	0.00	0.00	21.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00	$57.00
ALL FAITHS FUNERAL HOME,INC															
11672	01/14/2011	IN110002	0.00	0.00	0.00	0.00	(21.00)	0.00	0.00	0.00	0.00	0.00	0.00	(36.00)	($57.00)
ALL FAITHS FUNERAL HOME,INC															
11673	01/14/2011	IN110002	0.00	0.00	0.00	0.00	21.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00	$57.00
ALL FAITHS FUNERAL HOMES, INC.															
11674	01/18/2011	JC110017	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
AARONS INC.															
11675	01/18/2011	EV110039	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
FAIRWAY KNOLL AT TERAVISTA															
11676	01/18/2011	EV110040	25.00	0.00	0.00	0.00	0.00	0.00	6.00	140.00	0.00	0.00	0.00	0.00	$171.00
FAIRWAY KNOLL AT TERAVIST															
11677	01/18/2011	EV110041	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
MANSIONS AT STAR RANCH															
11678	01/18/2011	EV110042	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
FAIRWAY KNOLL AT TERAVISTA															
11679	01/18/2011	EV110043	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
FAIRWAY KNOLL AT TERAVISTA															
11680	01/18/2011	JC110018	25.00	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	$31.00
RAUSCH STURM															
11681	01/18/2011	EV110044	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
THE GABLES APTS															

TRAN NO.	DATE PAID	CASE NUMBER	FILING FEES	ABSTR AC OF JUDGM	WRITS	OUT OF COUNT	MISC.	COURT REPOR TE	CIVIL LEGAL SERVI	PCT4 CONST AB	PCT1 CONST AB	PCT2 CONST AB	PCT3 CONSTA B	ALL OTHER	TOTAL
11682	01/18/2011	EV110045	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
HIDDEN FALLS LAND TRUST															
11683	01/18/2011	EV110046	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
COLONIAL GRAND AT ROUND ROCK															
11684	01/18/2011	EV110047	25.00	0.00	0.00	0.00	0.00	0.00	6.00	140.00	0.00	0.00	0.00	0.00	$171.00
COLONIAL GRAND AT ROUND ROCK															
11685	01/18/2011	EV110048	25.00	0.00	0.00	0.00	0.00	0.00	6.00	140.00	0.00	0.00	0.00	0.00	$171.00
DEWEY AND MARY HELMCAMP															
11686	01/18/2011	EV110049	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
BOWMAN'S WALK APT															
11687	01/18/2011	EV110050	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
STONEHAVEN AT ROUND ROCK															
11688	01/18/2011	EV110051	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
THE MANSIONS															
11689	01/20/2011	EV100843	0.00	0.00	5.00	0.00	0.00	0.00	0.00	150.00	0.00	0.00	0.00	0.00	$155.00
JACKIE GOMEZ															
11690	01/20/2011	EV100869	0.00	0.00	5.00	0.00	0.00	0.00	0.00	150.00	0.00	0.00	0.00	0.00	$155.00
AMBASSADOR PROPERTY MANAGEMENT															
11691	01/20/2011	EV110052	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
LEE BARRON															
11692	01/20/2011	EV110053	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
STEVE MCMASTER															
11693	01/21/2011	EV110054	25.00	0.00	0.00	0.00	0.00	0.00	6.00	140.00	0.00	0.00	0.00	0.00	$171.00
BRICE VANDER															
11694	01/21/2011	EV110055	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
4 G PROPERTIES															

TRAN NO.	DATE PAID	CASE NUMBER	FILING FEES	ABSTR AC OF JUDGM	WRITS	OUT OF COUNT	MISC.	COURT REPOR TE	CIVIL LEGAL SERVI	PCT4 CONST AB	PCT1 CONST AB	PCT2 CONST AB	PCT3 CONSTA B	ALL OTHER	TOTAL
11695	01/24/2011	EV110056	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
MACKIE WOLF & ZIENTZ															
11696	01/24/2011	EV110057	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
ALEXAN PALM VALLEY															
11697	01/24/2011	EV110058	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
JACK O'BOYLE & ASSOC.															
11698	01/25/2011	JC100056	25.00	5.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	$36.00
JUAN REYES															
11699	01/25/2011	SC090001	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
KYLE MARUSCAK															
11700	01/25/2011	SC100063	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	$5.00
JAIME MORENO															
11701	01/25/2011	EV100809	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	$5.00
RELIABLE PROP.MGNT.,INC.															
11702	01/25/2011	JC000025	0.00	0.00	0.15	0.00	0.00	0.00	0.00	4.85	0.00	0.00	0.00	0.00	$5.00
PUBLIC EMPLOYEES CREDIT UNION															
11703	01/25/2011	JC000025	0.00	0.00	4.85	0.00	0.00	0.00	0.00	145.15	0.00	0.00	0.00	0.00	$150.00
PUBLIC EMPLOYEES CREDIT UNION															
11704	01/25/2011	JC100056	(25.00)	(5.00)	0.00	0.00	0.00	0.00	(6.00)	0.00	0.00	0.00	0.00	0.00	($36.00)
JUAN REYES															
11705	01/27/2011	EV100790	0.00	0.00	5.00	0.00	0.00	0.00	0.00	150.00	0.00	0.00	0.00	0.00	$155.00
BARRETT DAFFIN															
11706	01/27/2011	JC110019	25.00	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	$31.00
RAUSCH STURM															
11707	01/27/2011	EV110059	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
ALEXAN PALM VALLEY															

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TRAN NO.	DATE PAID	CASE NUMBER	FILING FEES	ABSTR AC OF JUDGM	WRITS	OUT OF COUNT	MISC.	COURT REPOR TE	CIVIL LEGAL SERVI	PCT4 CONST AB	PCT1 CONST AB	PCT2 CONST AB	PCT3 CONSTA B	ALL OTHER	TOTAL
11708	01/28/2011	EV110060	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
STONEHAVEN AT ROUND ROCK															
11709	01/28/2011	EV110061	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
STONEHAVEN @ ROUND ROCK															
11710	01/28/2011	EV110062	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
STONEHAVEN @ ROUND ROCK															
11711	01/28/2011	EV110063	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
STONEHAVEN @ ROUND ROCK															
11712	01/28/2011	EV110064	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
HENNA TOWNHOMES															
11713	01/28/2011	IN110006	0.00	0.00	0.00	0.00	21.00	0.00	0.00	0.00	0.00	0.00	0.00	16.00	$37.00
JANET R. JUMPER															
11714	01/28/2011	JC110020	25.00	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	$31.00
SUBROGATION RECOVERY															
11715	01/28/2011	JC110021	25.00	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	$31.00
SUBROGATION RECOVERY															
11716	01/28/2011	SC110002	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
GREGORY LADNER FOR TALL GRASS GUY															
11717	01/31/2011	SC110003	25.00	0.00	0.00	0.00	0.00	0.00	6.00	70.00	0.00	0.00	0.00	0.00	$101.00
CARLOS A. TORRES															
														0.00	$0.00
CUMULATIVE TOTALS :			2,200.00	20.00	50.00	0.00	42.00	0.00	528.00	7,380.00	0.00	0.00	0.00	57.00	$10,277.00

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Payment Register: Summary Section
Williamson County Justice of the Peace, Pct. 4

Date Printed: 1/31/2011
Time Printed: 6:04:53PM

FEE CODE	FEE DESC	ITEMS	TOT PAID	TOT MONEY	CASH	CHECKS	MO	ESCROW	CC	JAIL TIME	CSR	OTHER	GL CODE
ABSTRACT	ABSTRACT OF JUDGMENT	5	20.00	20.00	10.00	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0100-0000-341804
DCERT	DEATH CERTIFICATE COPIES	4	42.00	42.00	0.00	42.00	0.00	0.00	0.00	0.00	0.00	0.00	0100-0000-341804
EVICTION	EVICTION FILING FEE	67	1,600.00	1,600.00	472.75	852.25	150.00	0.00	125.00	0.00	0.00	0.00	0100-0000-341804
INDIGENT	CIVIL INDIGENT FEE	94	528.00	528.00	131.46	330.54	36.00	0.00	30.00	0.00	0.00	0.00	0399-0000-208822
JUSTICE	JUSTICE CIVIL FILING FEE	24	525.00	525.00	0.00	525.00	0.00	0.00	0.00	0.00	0.00	0.00	0100-0000-341804
SERVE 4	CONSTABLE PRECINCT 4 SER	89	5,880.00	5,880.00	1,666.79	3,373.21	490.00	0.00	350.00	0.00	0.00	0.00	0100-0000-341904
SMALLCLAM	SMALL CLAIMS FILING FEE	3	75.00	75.00	75.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0100-0000-341804
WRIT EXEC	WRIT OF EXECUTION	2	5.00	5.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0100-0000-341804
WRIT POSS	WRIT OF POSSESSION	9	45.00	45.00	15.00	20.00	5.00	0.00	5.00	0.00	0.00	0.00	0100-0000-341804
WSERVE 4	CONSTABLE PRECINCT 4 - W	11	1,500.00	1,500.00	450.00	750.00	150.00	0.00	150.00	0.00	0.00	0.00	0100-0000-341904

***** The Following Fees Do Not Match Any Of The Column Definitions, Therefore Are Included In The "All Other" Column*****

FEE CODE	FEE DESC	ITEMS	TOT PAID	TOT MONEY	CASH	CHECKS	MO	ESCROW	CC	JAIL TIME	CSR	OTHER	GL CODE
AUTOPSY	COPIES OF AUTOPSIES	1	5.00	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0100-0000-341804
DCOPIES	DEATH CERTIFICATE CO	4	52.00	52.00	0.00	52.00	0.00	0.00	0.00	0.00	0.00	0.00	0100-0000-341804

TOTALS SUMMARY	313	10,277.00	10,277.00	2,826.00	5,955.00	836.00	0.00	660.00	$0.00	0.00	0.00

Direct Deposit	$0.00					**CSR Credit**	$0.00		
Cash	$2,826.00					**Jail Credit**	$0.00	**Post for Refund**	$0.00
Checks	$5,955.00								
Money Orders	$836.00							**Over Payments**	$0.00
Credit Cards :	$660.00	**Escrow Payments**	$0.00	**Transaction Fee**	$0.00	**Non-Monetary**	$0.00		
TOTAL CURRENCY	$10,277.00	**ESCROW PAID**	$0.00	**TRAN. FEES**	$0.00	**TOTAL**	$0.00	**TOTAL PAID**	$0.00

211 W. 6th St.
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Payment Register: GL Code Recap
Williamson County Justice of the Peace, Pct. 4

Date Printed: 1/31/2011
Time Printed: 6:04:53PM

GL CODE	GL CODE DESCRIPTION	CURRENCY	CREDIT CARD	OTHERS	DIRECT DEPOSIT	TOTALS
0100-0000-341804		2,239.00	130.00	0.00	0.00	2,369.00
0100-0000-341904		6,880.00	500.00	0.00	0.00	7,380.00
0399-0000-208822		498.00	30.00	0.00	0.00	528.00
TOTALS :		9,617.00	660.00	0.00	0.00	10,277.00

211 W. 6th St.
P.O. Box 588
Taylor, Texas 76574

Payment Register: OLDREP
Williamson County Justice of the Peace, Pct. 4
By Date 01/01/2011-01/31/2011

Date Printed: 1/31/2011
Time Printed: 5:57:13PM

TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138454	01/03/2011	TR104355	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	76.90	90.10	$175.00
CARL JOSEPH OBIER																			
138455	01/03/2011	TR104364	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
COLE DIXON REED																			
138456	01/03/2011	TR103113	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	123.00	0.00	$123.00
BILL WILLIAM CANTWELL																			
138457	01/03/2011	TR104482	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
CHRISTOPHER RYAN SPIKES																			
138458	01/03/2011	TR104497	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
MARK ALLEN PATTERSON																			
138459	01/03/2011	TR104100	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	151.90	90.10	$250.00
JUNE ANN YANCHAK																			
138460	01/03/2011	TR104116	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.00	135.00	$153.00
GUADALUPE G GARZA																			
138461	01/03/2011	TR103948	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	151.90	90.10	$250.00
JAMES JR DREADEN																			
138462	01/03/2011	TR104413	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
STEVEN LEE CAMPBELL																			
138463	01/03/2011	NT100391	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	200.00	65.00	$285.00
NORMA GONZALES																			
138464	01/03/2011	TR104323	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	76.90	90.10	$175.00
BEVERLY SUE LUKER																			
138465	01/03/2011	NT100390	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.00	$85.00
MANDY A ORTIZ																			
138466	01/03/2011	TR104562	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	76.90	90.10	$175.00
ERIC JAMES POLANCO																			

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TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138467	01/03/2011	TR101654	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200.00	105.10	$308.10
MAKESHIKA KALPANA RATNAYAKE																			
138468	01/03/2011	TR104284	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	51.90	90.10	$150.00
SANDRA KAY RIVERA																			
138469	01/03/2011	TR104086	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	51.90	90.10	$150.00
ABREN SHAMOND DAVID																			
138470	01/03/2011	TR102684	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	151.90	0.00	$151.90
DESIREE SARAH TANNER																			
138471	01/03/2011	TR104287	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	32.00	90.00	$130.00
JASON CLAY SMITH																			
138472	01/03/2011	TR103574	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	200.00	65.00	$270.00
DANIEL KARL SHEEHAN																			
138473	01/03/2011	TR096054	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	97.00	25.00	$122.00
MARK LORAN BORCHARDT																			
138474	01/03/2011	TR103573	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	200.00	65.00	$270.00
DANIEL KARL SHEEHAN																			
138475	01/03/2011	TR103575	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	200.00	65.00	$270.00
DANIEL KARL SHEEHAN																			
138476	01/03/2011	JV100195	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	110.00	65.00	$175.00
SHANITA COLLINS																			
138477	01/03/2011	TR104204	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	76.90	91.10	$176.00
LINDSAY JORDAN INGRAM																			
138478	01/03/2011	TR104203	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
LINDSAY JORDAN INGRAM																			
138479	01/03/2011	TR104362	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
ERIC TODD RUSSELL																			

TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138480	01/03/2011	LW100321	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	150.00	60.00	$215.00
ESLEY POMAR																			
138481	01/03/2011	TR104118	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	120.00	$620.00
TRAVIS RAY REBARCHEK																			
138482	01/03/2011	TR020457	2.00	0.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	200.00	80.00	$302.00
ANDRES MARTINEZ MENDEZ																			
138483	01/04/2011	TR103813	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	76.90	90.10	$175.00
JAMES RAY BERAN																			
138484	01/04/2011	TR101693	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.00	145.00	$180.00
HOMERO FLORES																			
138485	01/04/2011	TR104290	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	194.90	60.10	$260.00
JOSE MARTINEZ-BENAVIDES																			
138486	01/04/2011	TR103753	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	151.90	90.10	$250.00
JORDYN LYNN BUNNELL																			
138487	01/04/2011	TR103428	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
IRA GLYNN CARTER																			
138488	01/04/2011	TR103427	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	32.00	90.00	$130.00
IRA GLYNN CARTER																			
138489	01/04/2011	NT100317	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	120.00	25.00	$145.00
RYAN J LEYENDECKER																			
138490	01/04/2011	TR092762	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99.00	0.00	$99.00
HOWARD JAMES LEE																			
138491	01/04/2011	NT100401	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	60.00	$65.00
EDWARD CLAY HARRIS																			
138492	01/04/2011	NT100404	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	60.00	$65.00
EDWARD CLAY HARRIS																			

TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138493	01/04/2011	NT100402	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	60.00	$65.00
EDWARD CLAY HARRIS																			
138494	01/04/2011	NT100403	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	60.00	$65.00
EDWARD CLAY HARRIS																			
138495	01/04/2011	TR104547	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
CHARLES SCOTT RUST																			
138496	01/04/2011	LW100327	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	500.00	60.00	$565.00
THOMAS A LAMBACHER																			
138497	01/04/2011	TR104117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	110.00	$610.00
TIMOTHY GORDON STEWART																			
138498	01/04/2011	TR104389	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	32.00	90.00	$130.00
JUSTIN LEE TUCKER																			
138499	01/04/2011	TW100056	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	102.00	85.00	$187.00
ALYSON MELANCON																			
138500	01/04/2011	TR102878	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	$100.00
EMMANUEL RAY SCOTT																			
138501	01/04/2011	TW100047	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	$100.00
JESSICA LI MCCLINTOCK																			
138502	01/04/2011	TR104313	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	21.90	90.10	$120.00
SALVADOR CARDONA-CERVANTES																			
138503	01/04/2011	TR104313	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	175.00	0.00	$175.00
SALVADOR CARDONA-CERVANTES																			
138504	01/04/2011	TR104088	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	201.90	90.10	$300.00
JOSHUA JOSEPH HAIRELL																			
138505	01/04/2011	TR102567	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	103.00	0.00	$103.00
CHANDRA MONIKA BLANE																			

TRAN NO	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138506	01/04/2011	TR104429	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
JOE PATRICK MONTELONGO																			
138507	01/04/2011	TR104558	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
JENNIFER LYNN KOSTROUN																			
138508	01/04/2011	TR104401	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
STEPHEN LEE MULLINS																			
138509	01/04/2011	JV100197	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.00	$85.00
IAN CAINE SWINDOLL																			
138510	01/04/2011	TW100046	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	137.00	0.00	$137.00
JESSICA LI MCCLINTOCK																			
138511	01/04/2011	TR104325	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	76.90	90.10	$175.00
KIMBERLY ANN THOMPSON																			
138512	01/04/2011	TR104245	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
LETICIA GALLEGOS WONG																			
138513	01/04/2011	TR104208	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	76.90	90.10	$175.00
TERESA HUTTON GOERTZ																			
138514	01/04/2011	JV100206	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.00	$85.00
ZACHARY H SHADRICK																			
138515	01/04/2011	TR103946	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	194.90	60.10	$260.00
JORGE ENRIQUE GALE																			
138516	01/04/2011	TR103529	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	40.00	110.00	$155.00
FORTUNATO GOMEZ																			
138517	01/04/2011	TR103915	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	76.90	90.10	$175.00
JEFFREY SCOTT MUSE																			
138518	01/04/2011	NT100440	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	60.00	$65.00
ALLISON MARISSA STREETMAN																			

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138519	01/04/2011	NT100419	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.00	$85.00
KELLEY DEAN PETERS																			
138520	01/06/2011	TR102930	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	103.00	0.00	$103.00
ERICA ANGELA VERDUSCO																			
138521	01/06/2011	TR103961	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	76.00	0.00	$76.00
TIFFANY DRUE GRIGGS																			
138522	01/06/2011	TR102914	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	200.00	145.10	$350.10
JERICA SKYE MITCHELL																			
138523	01/06/2011	TR100949	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	98.00	30.00	$128.00
BRIDGET LIANE CURTIS																			
138524	01/06/2011	TR102916	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	130.00	175.00	$313.00
JERICA SKYE MITCHELL																			
138525	01/06/2011	TR104134	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.00	110.00	$153.00
JULIE DANNE MUNIZ																			
138526	01/06/2011	TR104539	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
DARRIN LEE LUTZ																			
138527	01/06/2011	TR102913	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	350.00	145.00	$500.00
JERICA SKYE MITCHELL																			
138528	01/06/2011	TR110127	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
DENISE MALDONADO-GOVEA																			
138529	01/06/2011	NT100257	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	$100.00
SELENA LIZETTE ACEVEDO																			
138530	01/06/2011	TR103623	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	298.00	25.00	$323.00
CHRISTOPHER RAU LUIKART																			
138531	01/06/2011	NT100363	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	62.00	65.00	$147.00
BRIAN BUCKALEW																			

TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138532	01/06/2011	PW100193	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	425.00	75.00	60.00	$565.00
JOSE LUIS BENITEZ																			
138533	01/06/2011	PW100194	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	85.00	15.00	60.00	$165.00
JOSE LUIS BENITEZ																			
138534	01/06/2011	NT090059	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	$3.00
TRACY RAWLINSON																			
138535	01/06/2011	TR102561	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	110.00	$610.00
REVA ELYSE MOSQUEDA																			
138536	01/06/2011	TR104120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	110.00	$111.00
CYNTHIA A DAVIS																			
138537	01/06/2011	NT100425	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.00	$85.00
IRMA LOPEZ																			
138538	01/06/2011	TR104273	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.90	60.10	$66.00
JOSE ANGEL CORREA																			
138539	01/06/2011	TR104274	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	1.00	60.00	$66.00
JOSE ANGEL CORREA																			
138540	01/06/2011	TR095525	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	500.00	175.00	$683.00
ZACHARY F WALLACE																			
138541	01/06/2011	NT090484	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	500.00	145.00	$650.00
ZACHARY F WALLACE																			
138542	01/06/2011	TR971894	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	861.00	60.00	$921.00
ERNEST M JIMENEZ																			
138543	01/06/2011	TR110088	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
CALVERT DEWITT BURNITT																			
138544	01/06/2011	TR982515	0.00	0.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	146.25	$661.25
ERNEST M JIMENEZ																			

TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138545	01/06/2011	TR104228	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.00	70.00	$105.00
CHARLES MICHAEL SMITH																			
138546	01/06/2011	TR091140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	198.00	115.00	$318.00
JOHN MICHAEL BARRILE																			
138547	01/06/2011	TR104501	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
SHAWN SHANE HAMMER																			
138548	01/06/2011	TR104466	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	153.90	90.10	$252.00
RODNEY DARRELL FRAZIER																			
138549	01/06/2011	TR110098	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
COY MORGAN WINN																			
138550	01/06/2011	NT100432	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.00	$85.00
GABRIEL A SUTTON																			
138551	01/06/2011	NT100431	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.00	$85.00
JOHNATHAN W SCHOENROCK																			
138552	01/06/2011	TR103267	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.35	0.00	0.00	9.44	$10.00
SADIE CAROLINE AGUERO																			
138553	01/06/2011	TR103267	0.00	0.00	0.00	0.00	0.00	0.00	2.79	0.00	0.00	0.00	0.00	0.00	4.65	0.00	76.90	130.66	$215.00
SADIE CAROLINE AGUERO																			
138554	01/06/2011	TR104125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	110.00	$610.00
SADIE CAROLINE AGUERO																			
138555	01/06/2011	TR104541	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	50.00	90.00	$148.00
JEFF DEE ANDRESEN																			
138556	01/06/2011	TR104307	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	76.90	90.10	$175.00
BRUNO F ARREOLA																			
138557	01/06/2011	TR104543	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	76.90	90.10	$175.00
SHERRIE ANN HEUBACH																			

TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138558	01/06/2011	TR100497	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	400.00	95.10	$503.10
JAMIE LYNN SHELTON																			
138559	01/06/2011	TR103324	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	140.00	65.00	$210.00
JASON ALAN OGRODOWICZ																			
138560	01/06/2011	NT100430	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.00	$85.00
JARED R MEYER																			
138561	01/06/2011	TR103480	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	76.90	90.10	$175.00
ASHLEY MARIE RABEN																			
138562	01/06/2011	TR104271	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	35.00	60.00	$100.00
KAMMI LOUISE SIMS																			
138563	01/06/2011	TR103563	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.00	25.00	$100.00
BEN EARL MITCHELL																			
138564	01/06/2011	TR104471	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
WES JAMES BROUSSARD																			
138565	01/06/2011	TR110064	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
RANEE NICOLE WARRINGTON																			
138566	01/06/2011	TR110065	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
RANEE NICOLE WARRINGTON																			
138567	01/06/2011	NT080413	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	$500.00
WILLIAM CODY TUCK																			
138568	01/06/2011	TR104546	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
VICTOR ROGELIO PENA																			
138569	01/06/2011	JV100198	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.00	$75.00
CANYON SCOTT MURRAH																			
138570	01/06/2011	TR104544	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
JUSTIN DAVID LOPEZ																			

TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138571	01/06/2011	NT100411	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.00	$75.00
DYLAN ROY FILLA																			
138572	01/06/2011	TR103982	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200.00	25.00	$225.00
MICHELLE G CORREA																			
138573	01/06/2011	JV100207	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.00	$75.00
DONALD ANDREW ALLEN																			
138574	01/06/2011	TR093496	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	200.00	65.00	$270.00
ARACELI NIRA ALDERETE																			
138575	01/06/2011	JV100208	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200.00	65.10	$265.10
DAVID TORRES																			
138576	01/06/2011	TR104424	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
TIMOTHY DUANE STROUD																			
138577	01/06/2011	TR104289	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
TYLER WILLIAM HAULOTTE																			
138578	01/06/2011	TR104399	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	200.00	60.10	$265.10
JOSE LUIS LOPEZ																			
138579	01/06/2011	TR104398	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	200.00	90.10	$298.10
JOSE LUIS LOPEZ																			
138580	01/06/2011	JV100199	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$98.10
SHANE TIMOTHY DOCKERY																			
138581	01/07/2011	NT080411	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	$500.00
CHRISTOPHER GILL MOHAJER																			
138582	01/07/2011	TR104349	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	153.90	90.10	$252.00
BRANDI LEE HOES																			
138583	01/07/2011	TR104505	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
MICHELLE RENEE MATYSEK																			

TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138584	01/07/2011	TR104470	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	76.90	90.10	$175.00
RUBIE ANN RODRIGUEZ																			
138585	01/07/2011	NT100198	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.00	$110.00
MATTHEW GONZALES																			
138586	01/07/2011	TR110031	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
LOC TRAN NGUYEN																			
138587	01/07/2011	TR103659	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.00	25.00	$70.00
AMANDA MICHELLE CARDEN																			
138588	01/07/2011	TR104421	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	0.00	0.00	0.00	95.10	$108.00
MATTHEW ANTHONY GONZALES																			
138589	01/07/2011	TR100847	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	185.00	95.10	$288.10
ELIZABETH ASTROTH GARZA																			
138590	01/07/2011	TR104442	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	110.00	$610.00
ELVIN BRANTT GIBSON																			
138591	01/07/2011	TR100722	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.90	150.10	$159.00
TAMELA NERINE LOUVIER																			
138592	01/07/2011	TR103408	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	151.90	140.10	$300.00
ELVIN BRANTT GIBSON																			
138593	01/07/2011	TR103128	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	151.90	0.00	$151.90
JASON RAY MIKULENCAK																			
138594	01/07/2011	TR104521	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
SKYLAR LANE HARPOLE																			
138595	01/07/2011	TR103780	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	112.00	25.00	$137.00
CHAREESE LYNNE GARCIA																			
138596	01/07/2011	TR104522	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
SKYLAR LANE HARPOLE																			

TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138597	01/07/2011	TR102247	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	224.00	0.00	$224.00
MONICA ELAINE CAMPOS																			
138598	01/07/2011	TR104348	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	153.90	90.10	$252.00
SOLOMON GORDON DAVID																			
138599	01/07/2011	TR101607	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78.00	25.00	$103.00
MICHAEL SCOTT BROWN																			
138600	01/07/2011	TR110087	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
CHARLES W WOEHNKER																			
138601	01/07/2011	TR104334	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	1.90	90.10	$100.00
AMY LYNN SIMONTON																			
138602	01/07/2011	TR101728	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	123.90	95.10	$227.00
TAYLAR KELSEY THOMPSON																			
138603	01/07/2011	TR104090	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	125.00	0.00	$125.00
BRIAN JOSHUA MARTIN																			
138604	01/07/2011	TR094418	0.00	0.00	0.00	0.00	0.00	0.00	2.76	0.00	9.11	0.00	0.00	0.00	4.60	0.00	0.00	91.53	$108.00
ANTHONY D FORCIER																			
138605	01/07/2011	TR094418	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.79	0.00	0.00	0.00	0.40	0.00	0.00	8.47	$9.90
ANTHONY D FORCIER																			
138606	01/07/2011	TR103714	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	200.00	95.10	$303.10
COLIN EDWARD-JOSEPH MULLIN																			
138607	01/07/2011	NT100418	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.00	$85.00
MARY AGUILAR																			
138608	01/07/2011	TR110126	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
SANDEE SEAQUIST CALAME																			
138609	01/07/2011	TR104345	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
JOSEPH ANDREW SPENCER																			

TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138610	01/10/2011	TR104229	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90	100.10	$104.00
CRISTA JUDE NARANJO																			
138611	01/10/2011	TR104486	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
CHRISTIAN KOUKA-MATINGOU																			
138612	01/10/2011	TR104483	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
JAMES ALLAN ENGSTROM																			
138613	01/10/2011	TR104523	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	32.00	90.00	$130.00
IVEN SETIAWAN DUDLEY																			
138614	01/10/2011	TR104422	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	194.90	60.10	$260.00
BASILIO VALDES-CASANOVA																			
138615	01/10/2011	TR104513	0.00	0.00	0.00	0.00	0.00	0.00	1.68	0.00	5.54	0.00	2.80	0.00	0.00	0.00	0.00	49.98	$60.00
CHARLES D PHILLIPS																			
138616	01/10/2011	TR104513	0.00	0.00	0.00	0.00	0.00	0.00	1.32	0.00	4.36	0.00	2.20	0.00	0.00	0.00	0.00	40.12	$48.00
CHARLES D PHILLIPS																			
138617	01/10/2011	TR110008	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
JOSE DEJESUS PONCE																			
138618	01/10/2011	TR103932	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	35.00	60.00	$100.00
REBECCA JANE COLLINS																			
138619	01/10/2011	TR101634	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	145.00	$153.00
JOSEPH PAUL GLISSON																			
138620	01/10/2011	TR101635	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	1.03	144.97	$154.00
JOSEPH PAUL GLISSON																			
138621	01/10/2011	TR101634	0.00	0.00	0.00	0.00	0.00	0.00	(3.00)	0.00	0.00	0.00	(5.00)	0.00	0.00	0.00	0.00	(145.00)	($153.00)
JOSEPH PAUL GLISSON																			
138622	01/10/2011	TR104184	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.00	110.00	$153.00
JOSEPH PAUL GLISSON																			

TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138623	01/10/2011	TR104049	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	76.00	0.00	$76.00
PATRICK JAMES WILSON																			
138624	01/10/2011	TR104048	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	114.00	0.00	$114.00
PATRICK JAMES WILSON																			
138625	01/10/2011	TR104048	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	$10.00
PATRICK JAMES WILSON																			
138626	01/10/2011	TR110075	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	30.00	60.00	$95.00
LUIS GARCIA RODRIGUEZ																			
138627	01/10/2011	TR103197	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	73.90	98.10	$180.00
ROBERTO A CEPEDA																			
138628	01/10/2011	TR103197	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	101.10	0.00	$101.10
ROBERTO A CEPEDA																			
138629	01/10/2011	NT100382	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	4.68	65.00	$89.68
JAMES SMITH																			
138630	01/10/2011	TR091412	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	97.00	0.00	$97.00
LYDIA MARIE SALDANA																			
138631	01/10/2011	JV100017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	94.00	0.00	$94.00
DAMIAN J RINKER																			
138632	01/10/2011	TR103437	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	125.00	0.00	$125.00
KENNETH STEWART KELLY																			
138633	01/10/2011	TR100670	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	87.00	145.00	$232.00
CLEVELAND BYRON WOODS																			
138634	01/10/2011	LW100333	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	150.00	60.00	$215.00
DAVID DANA MURPHY																			
138635	01/10/2011	TR110050	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	196.90	90.10	$295.00
JARAT LEE FORD																			

TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138636	01/10/2011	TR110093	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
CHARLES RAY BRITTON																			
138637	01/10/2011	TR103175	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	32.00	140.00	$180.00
BRANDY LEE HIXON																			
138638	01/10/2011	TR104439	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	110.00	$610.00
BRANDY LEE HIXON																			
138639	01/10/2011	NT100294	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	124.00	0.00	$124.00
AMANDA LIN DALTON																			
138640	01/10/2011	TR103855	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	175.00	100.00	$283.00
JOHN MICHAEL WATTS																			
138641	01/10/2011	TR103678	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	24.90	95.25	$128.15
MAXIMO DELAROSA RIVERA																			
138642	01/10/2011	TR104531	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	51.90	90.10	$150.00
CHRISTIAN TERRELL THOMAS																			
138643	01/10/2011	TR104378	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	25.00	90.00	$123.00
JAROD GENE BALUSEK																			
138644	01/10/2011	TR103931	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
PATRICK M YONNONE																			
138645	01/10/2011	NT100127	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	145.00	$645.00
KELLEY DEAN PETERS																			
138646	01/10/2011	TR104381	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	44.90	60.10	$110.00
CHRISTOPHER JOHNSON																			
138647	01/10/2011	TR110029	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	194.90	65.10	$260.00
BEATRIZ SEDA																			
138648	01/10/2011	TR110028	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	151.90	95.10	$250.00
BEATRIZ SEDA																			

TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138649	01/10/2011	TR101210	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	25.00	150.00	$183.00
DEVONNE NICOLE WASHINGTON																			
138650	01/10/2011	TR104488	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	35.00	60.00	$100.00
MIKAL A ABDULLAH																			
138651	01/10/2011	TR101211	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	25.00	150.00	$183.00
DEVONNE NICOLE WASHINGTON																			
138652	01/10/2011	TR103389	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	76.90	0.00	$76.90
BRIAN KEITH MATUKE																			
138653	01/10/2011	TR101213	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	39.00	120.00	$164.00
DEVONNE NICOLE WASHINGTON																			
138654	01/10/2011	TR104164	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	120.00	$620.00
DEVONNE NICOLE WASHINGTON																			
138655	01/10/2011	TR102226	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	150.00	170.00	$328.00
CLAUDIA HAMMERS																			
138656	01/10/2011	TR104487	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
HEIDI KAY PARRISH																			
138657	01/10/2011	TR104056	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	51.90	90.10	$150.00
ADAM CARRILLO																			
138658	01/11/2011	NT100408	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.00	$85.00
ELIZABETH GARDNER																			
138659	01/11/2011	TR110055	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	76.90	90.10	$175.00
WILLIAM MARSHALL ARNOLD																			
138660	01/11/2011	TR110024	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
ROSA OTILIA RUELAS																			
138661	01/11/2011	JV100203	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.00	$85.00
ESSENCE M BROWN																			

TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138662	01/11/2011	NT100427	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.00	$85.00
SOPHIA BROWN																			
138663	01/11/2011	TR104423	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
ARMANDO CEBALLOS																			
138664	01/11/2011	TR104516	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	350.00	60.00	$415.00
PAUL ANTHONY LUNA																			
138665	01/11/2011	TR104515	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	194.90	60.10	$260.00
PAUL ANTHONY LUNA																			
138666	01/11/2011	TR104472	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	51.90	90.10	$150.00
ESTHER MARTINEZ ALDERETE																			
138667	01/11/2011	TR110091	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	76.90	90.10	$175.00
JAMES BRYSON ADIAN																			
138668	01/11/2011	NT100417	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.00	$85.00
SHELBY D DENNY																			
138669	01/11/2011	TR103748	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	180.00	0.00	$180.00
SERGIO MIGUEL OLGUIN																			
138670	01/11/2011	TR104542	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	25.00	90.00	$123.00
JOSE DOMINGO VILLANUEVA																			
138671	01/11/2011	TR104473	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
DOUGLAS EUGENE VRABEL																			
138672	01/11/2011	TR103337	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	0.00	$150.00
JON NELSON CONNER																			
138673	01/11/2011	TR110012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	1.00	60.00	$66.00
MARY KATHERINE DOWNING																			
138674	01/11/2011	TR110011	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.90	90.10	$99.00
MARY KATHERINE DOWNING																			

TRAN NO	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138675	01/11/2011	TR104386	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
SHANE CANO																			
138676	01/11/2011	TR104559	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	1.00	60.00	$66.00
MARTHA JUANITA RODRIGUEZ																			
138677	01/11/2011	TR110096	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
ROLANDO CRUZ																			
138678	01/11/2011	TR104571	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.90	60.10	$66.00
SERGIO RODRIGUEZ-MARTINEZ																			
138679	01/11/2011	TR103913	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	196.90	90.10	$295.00
DONOVAN RAY OWENS																			
138680	01/11/2011	TR104572	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.90	90.10	$99.00
SERGIO RODRIGUEZ-MARTINEZ																			
138681	01/11/2011	TR110049	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
CHRISTOPHER STEVEN ALMAN																			
138682	01/11/2011	TR104419	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
CHERYL MCNIEL MERRITT																			
138683	01/11/2011	TR104356	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
JACQUE MARIE JACKSON																			
138684	01/11/2011	TR110111	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
GARY THOMAS SCHULTE																			
138685	01/11/2011	NT100442	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	1.00	60.00	$66.00
LUISA RUIZ DESTROUD																			
138686	01/13/2011	TR110089	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	303.90	90.10	$402.00
TED ALAN MIEARS																			
138687	01/13/2011	TR103936	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	35.00	60.00	$100.00
JORDAN LEE GRAVES																			

TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138688	01/13/2011	TR103971	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	198.00	110.00	$313.00
HENRRI CAMPOS																			
138689	01/13/2011	TR103970	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	191.90	140.10	$340.00
HENRRI CAMPOS																			
138690	01/13/2011	NT100359	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.00	$85.00
DANIEL J GONZALES																			
138691	01/13/2011	TR104460	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	110.00	$610.00
HENRRI CAMPOS																			
138692	01/13/2011	TR103941	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	32.00	90.00	$130.00
SANTA ISABEL GONZALEZ																			
138693	01/13/2011	PW100192	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	85.00	15.00	60.00	$165.00
SERVANDO BENITEZ																			
138694	01/13/2011	NT100406	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	400.00	70.00	$470.00
SETH EDWIN WOOLERY																			
138695	01/13/2011	TR103364	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	276.00	0.00	$276.00
ADELAIDE LOUISE VIEL																			
138696	01/13/2011	NT100405	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	250.00	70.00	$320.00
COLE THAINE LUNDGREN																			
138697	01/13/2011	TR104393	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.90	90.10	$99.00
JOSE DEJESUS POTILLO-RAMOS																			
138698	01/13/2011	TR104563	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
TREMAINE ATHONY DEARY																			
138699	01/13/2011	TR104493	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	303.90	90.10	$402.00
JAMES PATRICK TOOLE																			
138700	01/13/2011	TR104476	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
RHONDA CARYLE DIETRICH																			

TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138701	01/13/2011	TR104154	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	194.90	60.10	$260.00
MISAEL MARKUEZ DEJESUS																			
138702	01/13/2011	TR104153	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	200.00	90.10	$298.10
MISAEL MARKUEZ DEJESUS																			
138703	01/13/2011	TR104560	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	76.90	90.10	$175.00
RODOLFO DIAZ																			
138704	01/13/2011	NT990317	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200.00	60.00	$260.00
BENJAMIN NATHANIAL GREEN																			
138705	01/13/2011	TR991874	1.00	0.00	15.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	200.00	110.25	$334.25
BENJAMIN N GREENE																			
138706	01/13/2011	TR104496	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
BARBARA FAY EWING																			
138707	01/13/2011	TR102741	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	35.00	110.00	$150.00
JARED TAFT BEALS																			
138708	01/13/2011	TR104174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	110.00	$610.00
JARED TAFT BEALS																			
138709	01/13/2011	TR102742	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	32.00	140.00	$180.00
JARED TAFT BEALS																			
138710	01/13/2011	NT100323	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	250.00	110.00	$365.00
JULIA CROW BIGNELL																			
138711	01/13/2011	NT100400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	110.00	$610.00
JULIA CROW BIGNELL																			
138712	01/13/2011	TR104155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	350.00	60.00	$415.00
MISAEL MARKUEZ DEJESUS																			
138713	01/13/2011	TR093770	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.00	145.00	$188.00
BECKY DAWN KOCH																			

TRAN NO	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138714	01/13/2011	TR110043	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
MARSHALL WAYNE PRICE																			
138715	01/13/2011	TR104474	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
PAUL RAY NORWOOD																			
138716	01/13/2011	TR110005	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	196.90	90.10	$295.00
TRENTON DREW WILLIAMS																			
138717	01/13/2011	TR110006	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
TRENTON DREW WILLIAMS																			
138718	01/13/2011	NT100444	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	1.00	60.00	$66.00
DORIS URIBE BRESLIN																			
138719	01/13/2011	LW100340	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	44.90	60.10	$110.00
ROGER DALE PARKER																			
138720	01/13/2011	LW100341	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	200.00	60.00	$265.00
ROGER DALE PARKER																			
138721	01/13/2011	TR110118	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
JEROME LEWIS KRUEMCKE																			
138722	01/13/2011	TR102838	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	129.00	0.00	$129.00
JACOB JAY JENSEN																			
138723	01/13/2011	TR104420	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	0.00	0.00	5.00	90.10	$108.00
ALICIA KAY ELLIS																			
138724	01/13/2011	TR110068	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	198.00	60.00	$263.00
EMILIANO GONZALEZ																			
138725	01/13/2011	TR104469	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	44.90	60.10	$110.00
RENEE MARIE HINES																			
138726	01/13/2011	TR110090	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	35.00	60.00	$100.00
MICHAEL RODRIGUEZ																			

TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138727	01/13/2011	TW100171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	103.00	25.00	$128.00
MICHAEL MARTIN MOEHLING																			
138728	01/13/2011	JV100211	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
TREY NOLAN DOVE																			
138729	01/13/2011	TR110110	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	24.90	90.25	$123.15
DAVID ORTIZ																			
138730	01/13/2011	TR084529	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	185.00	115.00	$305.00
JOE FRANK PAVELKA																			
138731	01/13/2011	TR091329	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	135.00	$136.00
JOE FRANK PAVELKA																			
138732	01/14/2011	TR110046	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
JOHN JOSEPH BENCIVENGA																			
138733	01/14/2011	TR110083	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
JAMES ELLIS KINGHAM																			
138734	01/14/2011	TR110021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
JESSICA PAIGE BASS																			
138735	01/14/2011	TW100183	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.00	$65.00
BRAD WARES																			
138736	01/14/2011	TW100087	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	103.00	25.00	$128.00
BRITTNEY MICHELLE LOPEZ																			
138737	01/14/2011	TR101693	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	155.00	0.00	$155.00
HOMERO FLORES																			
138738	01/14/2011	TR101680	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.00	0.00	$105.00
MARY A CHAPA																			
138739	01/14/2011	TR101680	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	0.00	$50.00
MARY A CHAPA																			

TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138740	01/14/2011	TR103260	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	195.90	0.00	$195.90
JASON PATRICK FAYKUS																			
138741	01/14/2011	TR110025	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	35.00	60.00	$100.00
ROSA OTILIA RUELAS																			
138742	01/14/2011	TR102518	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	87.00	25.00	$112.00
ASHLEE RENE KEIM																			
138743	01/14/2011	TW100184	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	101.00	60.00	$161.00
BRAD WARES																			
138744	01/14/2011	TR101644	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	194.90	185.10	$385.00
REGINALD WAYNE TAYLOR																			
138745	01/14/2011	TR101645	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	350.00	185.00	$540.00
REGINALD WAYNE TAYLOR																			
138746	01/14/2011	TR102206	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	185.00	$685.00
REGINALD WAYNE TAYLOR																			
138747	01/14/2011	TR103407	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.00	0.00	$105.00
LUIS SALAMANCA RODRIGUEZ																			
138748	01/14/2011	TR110034	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90	65.10	$66.00
WELMAN ARNOLDO SOTO VASQUEZ																			
138749	01/14/2011	TW100210	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.00	$65.00
DANIELLE BIRMINGHAM																			
138750	01/14/2011	TW100204	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.00	$65.00
JOSE EFRAIN ALVAREZ																			
138751	01/14/2011	TW100205	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	250.00	160.60	$410.60
JOSE EFRAIN ALVAREZ																			
138752	01/14/2011	TW100155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.00	$70.00
BELINDA HARRIS																			

TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138753	01/14/2011	TR110026	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	96.90	90.10	$195.00
MARGARITA GONZALES WATSON																			
138754	01/14/2011	NT100338	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	147.00	25.00	$172.00
JEREMIAH I RODRIGUEZ																			
138755	01/14/2011	TR104504	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
TRACY DYAN ROMERO-CARTER																			
138756	01/14/2011	TR104243	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	118.00	0.00	$118.00
ALBERT GARZA																			
138757	01/14/2011	TR104024	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	200.00	95.10	$303.10
JOOYUN KIM																			
138758	01/14/2011	TR103590	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	76.90	115.10	$200.00
REBECA SANTIAGO PELAEZ																			
138759	01/14/2011	TR104554	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	30.00	60.00	$95.00
DESIRINA MAE GONZALES																			
138760	01/14/2011	NT100345	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	0.00	$150.00
SHAWN SCOT DEMAREST																			
138761	01/14/2011	TR104503	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
JANICE KRIENKE RABENALDT																			
138762	01/14/2011	TR103249	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	103.00	25.00	$128.00
HESTON EUGENE TAYLOR																			
138763	01/14/2011	TR104403	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	196.90	90.10	$295.00
ANSHWA LARUE PENNINGTON																			
138764	01/14/2011	TR104390	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
JUAN TOVAR-IBARRA																			
138765	01/14/2011	TR104391	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	194.90	60.10	$260.00
JUAN TOVAR-IBARRA																			

TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DSM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138766	01/14/2011	TR104551	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	151.90	90.10	$250.00
BRENT SELBY DRAKER																			
138767	01/14/2011	TR104478	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
KIMBERLY E RINDERKNECHT																			
138768	01/14/2011	TR104492	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
SCOTTY ALLEN BAILEY																			
138769	01/14/2011	TR102026	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	0.00	$150.00
CHAD AUSTIN BAILEY																			
138770	01/14/2011	TW100059	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	85.40	125.60	$211.00
ROGER PAUL MORENO																			
138771	01/14/2011	TR103677	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	499.90	140.10	$648.00
CRYSTAL LOPEZ																			
138772	01/14/2011	TR103731	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	36.90	115.10	$160.00
ANTHONY DEAN MOJICA																			
138773	01/14/2011	TR103311	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	51.90	90.10	$150.00
MANUEL MORENO PEREZ																			
138774	01/14/2011	TR104517	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	9.90	90.10	$108.00
RICKY LYNN LANGE																			
138775	01/14/2011	TR104517	0.00	0.00	0.00	0.00	0.00	0.00	(3.00)	0.00	0.00	0.00	(5.00)	0.00	0.00	0.00	(9.90)	(90.10)	($108.00)
RICKY LYNN LANGE																			
138776	01/14/2011	TR104517	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
RICKY LYNN LANGE																			
138777	01/14/2011	TR102813	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	51.90	115.10	$175.00
JUAN JAVIER OTERO-FERRETIS																			
138778	01/14/2011	TR110213	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
CHELSEA RENE PENNEY																			

TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138779	01/14/2011	TR104525	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
IVEN SETIAWAN DUDLEY																			
138780	01/14/2011	TR104566	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	76.90	90.10	$175.00
MEREDITH MARIE EVANS																			
138781	01/14/2011	TR104565	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	30.00	60.00	$95.00
MEREDITH MARIE EVANS																			
138782	01/14/2011	TR103530	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	76.90	170.10	$250.00
DEREK JASON CHAPA																			
138783	01/14/2011	TR104498	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	151.90	90.10	$250.00
MICHAEL WILLIS BREWER																			
138784	01/11/2011	TR103676	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	32.00	140.00	$180.00
CRYSTAL LOPEZ																			
138785	01/11/2011	TR104458	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	110.00	$610.00
CRYSTAL LOPEZ																			
138786	01/18/2011	TR110243	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	76.90	90.10	$175.00
MANUEL DELATORRE GARCIA																			
138787	01/18/2011	LW100342	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	92.00	90.00	$190.00
ROGER DALE PARKER																			
138788	01/18/2011	TR103517	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	151.90	0.00	$151.90
CAMILLIA DEANNA MARTINEZ																			
138789	01/18/2011	TR104120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	89.00	0.00	$89.00
CYNTHIA A DAVIS																			
138790	01/18/2011	TR110104	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	32.00	90.00	$130.00
DARREN ALAN MILLS																			
138791	01/18/2011	TR110103	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
DARREN ALAN MILLS																			

TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138792	01/18/2011	TR094686	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	110.00	$610.00
JUSTIN ERIC ELLIOTT																			
138793	01/18/2011	TR093426	0.00	334.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	665.50	110.00	$1,115.00
JUSTIN ERIC ELLIOTT																			
138794	01/18/2011	TR093426	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	334.50	0.00	$334.50
JUSTIN ERIC ELLIOTT																			
138795	01/18/2011	TR110079	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	194.90	60.10	$260.00
NORMA PATRICIA SOTELO																			
138796	01/18/2011	TR102902	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	200.00	100.00	$308.00
TIMOTHY WILLIAM AMERSON																			
138797	01/18/2011	JV100068	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	145.00	0.00	$145.00
JOSHUA A MORENO																			
138798	01/18/2011	NT100369	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	62.00	65.00	$147.00
CHELSEA KOEHLER																			
138799	01/18/2011	TR103180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	137.00	0.00	$137.00
FREDDY LEE WALKER																			
138800	01/18/2011	NT100371	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	62.00	65.00	$147.00
JERRY KOEHLER																			
138801	01/18/2011	TR104557	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	76.90	90.10	$175.00
FRANK DELL LLANAS																			
138802	01/18/2011	TR103633	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	76.90	0.00	$76.90
ROBERT VAUGHN KEITH																			
138803	01/18/2011	JV100167	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99.00	25.00	$124.00
MARIAH GONZALES																			
138804	01/18/2011	TR110081	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	76.90	90.10	$175.00
MARIO AURELIO CERVANTES																			

TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138805	01/18/2011	NT100416	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.00	$85.00
HORTENCIA LEYENDECKER																			
138806	01/18/2011	TR102903	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	155.00	0.00	$155.00
SEFER DIKA																			
138807	01/18/2011	TR103922	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	135.00	$145.00
SEFER DIKA																			
138808	01/18/2011	TR104552	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
CARLY MICHELE BLACK																			
138809	01/18/2011	TR110181	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	76.90	90.10	$175.00
ZACHARY C MARTIN																			
138810	01/18/2011	TR110041	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
DYLAN EARLE RODGERS																			
138811	01/18/2011	TR110242	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
EDILBERTO LOPEZ																			
138812	01/18/2011	TR110182	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
MANUEL SYLVESTER GONZALES																			
138813	01/18/2011	TR104477	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
CARRIE LYNN KETCHUM																			
138814	01/18/2011	TR103878	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	$0.10
NATHAN DAVID WIED																			
138815	01/18/2011	TR103878	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	76.80	0.00	$76.80
NATHAN DAVID WIED																			
138816	01/18/2011	TR110177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
BYRON KEITH SINGLETON																			
138817	01/18/2011	JV100183	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	62.00	65.00	$147.00
RENE ALVAREZ																			

TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138818	01/18/2011	TR110244	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
DAWN VEARNEICE JEFFERSON																			
138819	01/18/2011	TR110063	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	44.90	60.10	$110.00
DIMARIE ORTIZ OCASIO																			
138820	01/18/2011	NT100364	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	62.00	65.00	$147.00
MAXIMILIANO CANTU																			
138821	01/18/2011	TR103910	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	47.90	95.10	$151.00
MARILYN CASANOVA BROWN																			
138822	01/18/2011	TR103474	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	71.90	95.10	$175.00
SHANNIN LEA BATES																			
138823	01/18/2011	TR110201	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
PATRICK DANIEL MAGOUIRK																			
138824	01/18/2011	TR103474	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	128.10	0.00	$128.10
SHANNIN LEA BATES																			
138825	01/18/2011	TR110062	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
DIMARIE ORTIZ OCASIO																			
138826	01/18/2011	TR110076	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
CHRISTINA MICHELLE HULLUM																			
138827	01/18/2011	PW100151	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	85.00	15.00	110.00	$215.00
EDWIN NOE NEVAREZ																			
138828	01/18/2011	PW100174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	110.00	$610.00
EDWIN NOE NEVAREZ																			
138829	01/20/2011	TR104261	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	32.00	90.00	$130.00
MICHAEL TODD MCCARTY																			
138830	01/20/2011	TR104502	0.00	0.00	0.00	0.00	0.00	0.00	2.73	0.00	9.01	0.00	4.55	0.00	0.00	0.00	0.00	81.81	$98.10
CLAYTON JOSEPH HOLDER																			

TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138831	01/20/2011	TR104502	0.00	0.00	0.00	0.00	0.00	0.00	(2.73)	0.00	(9.01)	0.00	(4.55)	0.00	0.00	0.00	0.00	(81.81)	($98.10)
CLAYTON JOSEPH HOLDER																			
138832	01/20/2011	TR104502	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$98.10
CLAYTON JOSEPH HOLDER																			
138833	01/20/2011	TR104512	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
SANDRA JEAN ALANIZ																			
138834	01/20/2011	TR104511	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
SANDRA JEAN ALANIZ																			
138835	01/20/2011	TR100729	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	179.90	120.10	$308.00
VEOLA MCCULLOUGH WILLIAMS																			
138836	01/20/2011	TR104228	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.00	0.00	$105.00
CHARLES MICHAEL SMITH																			
138837	01/20/2011	TR102929	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.90	115.10	$124.00
ERICA ANGELA VERDUSCO																			
138838	01/20/2011	TR104365	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	32.00	90.00	$130.00
WILLIAM WAYNE GORDON																			
138839	01/20/2011	TR110077	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	151.90	90.10	$250.00
WESTAN FARRIS HARDEN																			
138840	01/20/2011	NT020194	2.00	0.00	15.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	200.00	125.00	$362.00
SULEMA SANCHEZ																			
138841	01/20/2011	NT020194	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	300.00	0.00	$300.00
SULEMA SANCHEZ																			
138842	01/20/2011	NT040250	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	200.00	137.00	$357.00
SULEMA SANCHEZ																			
138843	01/20/2011	NT040250	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	300.00	0.00	$300.00
SULEMA SANCHEZ																			

TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138844	01/20/2011	TR103571	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	96.90	120.10	$220.00
CRISPIN GONZALES																			
138845	01/20/2011	TR101634	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	500.00	145.10	$653.10
JOSEPH PAUL GLISSON																			
138846	01/20/2011	TR011118	2.00	0.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	1.00	25.25	$48.25
DUSTIN GARRETT MCLEAN																			
138847	01/20/2011	TR011120	2.00	0.00	15.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	1.00	25.25	$51.25
DUSTIN GARRETT MCLEAN																			
138848	01/20/2011	TR110245	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	151.90	90.10	$250.00
BILLY JOE VEST																			
138849	01/20/2011	TR094125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	151.00	0.00	$151.00
CYNTHIA SANDOVAL MOLINA																			
138850	01/20/2011	TR110056	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
SHELLEY ANNE HALE																			
138851	01/20/2011	TR110192	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
MICHEL A JAHELKA																			
138852	01/20/2011	TR091433	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99.00	0.00	$99.00
JOSE ISAIAS CARTAGENA																			
138853	01/20/2011	TR110017	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
SCOTT EVAN BOYD																			
138854	01/20/2011	NT100363	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	147.00	25.00	$172.00
BRIAN BUCKALEW																			
138855	01/20/2011	PW110002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.00	110.00	$200.00
FRANCISCO MACIAS-SANCHEZ																			
138856	01/20/2011	TR110058	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
MARIE CAROL NORSTEGAARD																			

TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138857	01/20/2011	TR100011	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	200.00	95.00	$303.00
MONIKA ALEXIS MEROLA																			
138858	01/20/2011	TR110009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
KYLE DOUGLAS SPANHEL																			
138859	01/20/2011	TR110160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
JAMES RYAN TANTILLO																			
138860	01/20/2011	TR110045	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	196.90	90.10	$295.00
KEVIN CHARLES TERRY																			
138861	01/20/2011	TR102454	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68.00	0.00	$68.00
HIPOLITO COVARRUBIAS																			
138862	01/20/2011	TR102454	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200.00	0.00	$200.00
HIPOLITO COVARRUBIAS																			
138863	01/20/2011	TR092996	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	149.00	75.00	$224.00
TAMMY L LUSK																			
138864	01/20/2011	TR092995	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	199.00	75.00	$274.00
TAMMY L LUSK																			
138865	01/20/2011	TR104122	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	110.00	$610.00
JAIMEE MARIE ARMSTRONG																			
138866	01/21/2011	TR110080	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	35.00	60.00	$100.00
BRITTNEY NICOLE VALADEZ																			
138867	01/21/2011	TR110136	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	110.00	$111.00
SAMUEL JOSE CORDERO																			
138868	01/21/2011	TR110061	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.90	90.10	$99.00
LIDIA CASTRO CAMPOS																			
138869	01/21/2011	TR110059	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	153.90	90.10	$252.00
CYNTHIA M CHAPARRO																			

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By Date 01/01/2011-01/31/2011

Date Printed: 1/31/2011
Time Printed: 5:57:13PM

TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138870	01/21/2011	TR104032	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	151.90	90.10	$250.00
DONNA LEE GRAVES																			
138871	01/21/2011	TR101863	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	135.00	0.00	$135.00
DEMETRA ANN ARNOLD																			
138872	01/21/2011	TR102342	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.00	120.00	$155.00
RICHARD BRYAN RACKLEY																			
138873	01/21/2011	TR104550	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	499.90	92.10	$600.00
TYLER CAMERON DOOLEY																			
138874	01/21/2011	TR103795	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	25.00	$75.00
STEVEN LEE MARTINEZ																			
138875	01/21/2011	TR103795	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	0.00	$50.00
STEVEN LEE MARTINEZ																			
138876	01/21/2011	TR104075	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200.00	25.00	$225.00
JUVENTINO RODRIGUEZ MENDEZ																			
138877	01/21/2011	TR103000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	304.00	0.00	$304.00
LAURA PIERCE DICKENS																			
138878	01/21/2011	TR110187	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	76.90	90.10	$175.00
JAMES RAY JR SCOTT																			
138879	01/21/2011	NT100333	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	142.00	0.00	$142.00
JUAN ANDRES SOTO																			
138880	01/21/2011	NT100332	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	142.00	0.00	$142.00
JUAN ANDRES SOTO																			
138881	01/21/2011	TR110040	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	151.90	90.10	$250.00
SHAN STORY																			
138882	01/21/2011	TR102802	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	0.00	$50.00
SONYA YVETTE TERRY																			

TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138883	01/21/2011	TR110211	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	32.00	90.00	$130.00
DAVID PAUL SVOBODA																			
138884	01/21/2011	TR110195	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	76.90	90.10	$175.00
ROBERTA RENEE LEVICK																			
138885	01/21/2011	TR110148	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
ELIZABETH ANN WINKLER																			
138886	01/21/2011	TR110147	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
ELIZABETH ANN WINKLER																			
138887	01/21/2011	TW100065	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.00	100.90	$124.90
MICHAEL WAYNE DOWNEY																			
138888	01/21/2011	TR110039	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
ELAINE FERGUSON CASKEY																			
138889	01/21/2011	TR110001	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
GREGORY SHAWN DAWSON																			
138890	01/21/2011	JV090259	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	0.00	$150.00
KAMERY WOOLDRIDGE																			
138891	01/21/2011	TR103509	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	95.00	25.00	$120.00
MARIA G TORRES																			
138892	01/21/2011	TR104166	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	110.00	$610.00
KYLE ADAM WHATLEY																			
138893	01/21/2011	TR110149	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	51.90	90.10	$150.00
GABRIEL ANDRE GARDE																			
138894	01/21/2011	TW100070	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	250.00	195.60	$445.60
RAY GARZA																			
138895	01/21/2011	TR101225	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200.00	$200.00
KEVIN SEAN MCDOUGALL																			

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138896	01/21/2011	NT100304	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	100.00	135.00	$240.00
MARIO VALENTIN VENCES																			
138897	01/21/2011	TR103176	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	35.00	110.00	$150.00
ORLANDO JOSHUA SALAZAR																			
138898	01/21/2011	TR072654	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	400.00	166.00	$574.00
CHRISTOPHER JOHN BARKER																			
138899	01/21/2011	TR103715	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	25.00	140.00	$173.00
ANDREW JAMES RAMIREZ																			
138900	01/21/2011	TR102830	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	35.00	110.00	$150.00
KATIE GRACE COOKE-GARZA																			
138901	01/21/2011	NT100113	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	420.00	77.00	$497.00
CHRISTIAN ZUNIGA																			
138902	01/21/2011	TR064285	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	171.00	75.00	$246.00
JULIAN RODRIGUEZ																			
138903	01/21/2011	TR064285	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	$10.00
JULIAN RODRIGUEZ																			
138904	01/21/2011	TR104443	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	110.00	$610.00
BRUNO ANTHONY ROBISON																			
138905	01/21/2011	TR103519	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	76.90	140.10	$225.00
BRUNO ANTHONY ROBISON																			
138906	01/24/2011	TR104238	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	140.00	0.00	$140.00
JUAN CARLOS GONZALEZ																			
138907	01/24/2011	TR104219	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	1.00	65.00	$71.00
MICHELE LEE BAIRD																			
138908	01/24/2011	TR104302	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	76.90	90.10	$175.00
BRENDA ADELE WRIGHT																			

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138909	01/24/2011	TR090057	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200.00	$200.00
DEAN WESSLY CLARK																			
138910	01/24/2011	TR110151	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	194.90	60.10	$260.00
LUIS MIGUEL CRUZ																			
138911	01/24/2011	LW110003	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	195.00	60.00	$260.00
STUART FORREST ABENS																			
138912	01/24/2011	TR110150	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	76.90	90.10	$175.00
LUIS MIGUEL CRUZ																			
138913	01/24/2011	TW100164	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.00	$70.00
DUANE RAY BOND																			
138914	01/24/2011	TR110042	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
CAITLIN GRACE ROBINSON																			
138915	01/24/2011	TR110057	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
ROBERT MICHAEL KRIEG																			
138916	01/24/2011	TR104556	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	76.90	90.10	$175.00
BLANCA ESTELA SANCHEZ																			
138917	01/24/2011	TR103038	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	103.00	0.00	$103.00
BERNARDO DOMINGUEZ SALAZAR																			
138918	01/24/2011	TR103040	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.00	0.00	$64.00
BERNARDO DOMINGUEZ SALAZAR																			
138919	01/24/2011	TR110185	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
JENNIFER CHRISTMA S STUPKA																			
138920	01/24/2011	TR103124	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	129.10	0.00	$129.10
MARLESHA LAVERN PARKER																			
138921	01/24/2011	NT100376	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	62.00	65.00	$147.00
MANUEL LOPEZ																			

TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138922	01/24/2011	JV100114	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	122.00	5.00	$127.00
MANUEL LOPEZ																			
138923	01/24/2011	TW100153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	215.00	85.00	$300.00
JOHN W LOVE																			
138924	01/24/2011	TW100153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.00	75.00	$110.00
JOHN W LOVE																			
138925	01/24/2011	TR110106	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
DANIELL DEMON GANTT																			
138926	01/24/2011	TR110003	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	195.00	60.00	$260.00
DANIEL RIVERA ARGUELLO																			
138927	01/24/2011	LW100284	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	150.00	60.00	$215.00
JOEL GALLEGOS																			
138928	01/24/2011	TR110105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
DANIELL DEMON GANTT																			
138929	01/24/2011	LW090021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	250.00	65.00	$320.00
IRA RICHARD THRASHER																			
138930	01/24/2011	TR104082	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	35.00	60.00	$100.00
DOROTHY HYMAN KNAUTH																			
138931	01/24/2011	TR031281	2.00	0.00	15.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	100.00	30.00	$155.00
STEVEN GRANT RUSSELL																			
138932	01/24/2011	TR033860	2.00	0.00	15.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	100.00	60.00	$185.00
STEVEN GRANT RUSSELL																			
138933	01/24/2011	TR103524	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	76.90	0.00	$76.90
ADDIE MARIE FINCH																			
138934	01/24/2011	TR090784	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	0.00	$150.00
BRANDI NICOLE CARRASCO																			

TRAN NO.	DATE PAID	CASE NUMBER	JCPT	DLQ	CVC	CJP	CR	GR	TFC	CS	DSC	DISM	COUNTY ARREST FEES	TPWL ARREST FEES	DPS ARREST FEES	TPWL FINE 85%	FINES	ALL OTHER	TOTAL
138935	01/24/2011	TR103081	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	32.00	140.00	$180.00
KELLY TERESA NORMAN																			
138936	01/24/2011	TR110066	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	25.00	90.00	$123.00
BETTINA JENE SPIGHT																			
138937	01/24/2011	TR110067	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	196.90	90.10	$295.00
BETTINA JENE SPIGHT																			
138938	01/25/2011	TR110113	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	44.90	60.10	$110.00
JUDITH MUELLER HIPP																			
138939	01/25/2011	TR103944	0.00	0.00	0.00	0.00	0.00	0.00	1.71	0.00	0.00	0.00	2.85	0.00	0.00	0.00	0.00	65.44	$70.00
CARESA LYNN WILLIAMS																			
138940	01/25/2011	TR103944	0.00	0.00	0.00	0.00	0.00	0.00	(1.71)	0.00	0.00	0.00	(2.85)	0.00	0.00	0.00	0.00	(65.44)	($70.00)
CARESA LYNN WILLIAMS																			
138941	01/25/2011	NT110007	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	1.00	60.00	$66.00
WANDA KAY PEEPLES																			
138942	01/25/2011	TR103593	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	76.90	0.00	$76.90
COREY TREVOR JOHNSON																			
138943	01/25/2011	NT100444	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	199.00	0.00	$199.00
DORIS URIBE BRESLIN																			
138944	01/25/2011	TR104530	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	51.90	90.10	$150.00
AARON LEE GIFFORD																			
138945	01/25/2011	TR103942	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	85.00	60.00	$150.00
SANTA ISABEL GONZALEZ																			
138946	01/25/2011	TR104128	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	$100.00
LOUIS ALBA ALVAREZ																			
138947	01/25/2011	TR104128	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00	35.00	$60.00
LOUIS ALBA ALVAREZ																			

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138948	01/25/2011	TR103774	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	175.00	25.00	$200.00
MARK ALLEN JOHNSON																			
138949	01/25/2011	TR110178	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	51.90	90.10	$150.00
LOIS REBECCA GRAVES																			
138950	01/25/2011	TR110174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
MICHAEL CAREY SATTERFIELD																			
138951	01/25/2011	TW100099	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	102.00	60.00	$162.00
ERIN NICOLE BURKHALTER																			
138952	01/25/2011	TR110030	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
NAOMI JOY BILLSTEIN																			
138953	01/25/2011	TR110190	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
REBECCA MARTINEZ																			
138954	01/25/2011	TW100159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	104.00	125.60	$229.60
ALEX GARCIA																			
138955	01/25/2011	TR110157	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
JOE GERALD STANKE																			
138956	01/25/2011	TR080080	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	199.00	116.00	$320.00
CHRISTOPHER WARREN BIRD																			
138957	01/25/2011	TR081881	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	120.00	$620.00
CHRISTOPHER WARREN BIRD																			
138958	01/27/2011	TR103562	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	125.00	0.00	$125.00
SAMANTHA ALEXANDER MORAGA																			
138959	01/27/2011	TR110295	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	196.90	90.10	$295.00
GARY LEE BUSS																			
138960	01/27/2011	TR104440	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	250.00	110.00	$360.00
ORLANDO JOSHUA SALAZAR																			

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138961	01/27/2011	TR104440	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	240.00	0.00	$240.00
ORLANDO JOSHUA SALAZAR																			
138962	01/27/2011	TR104440	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	$10.00
ORLANDO JOSHUA SALAZAR																			
138963	01/27/2011	TR103353	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	164.90	0.00	$164.90
GEORGE QUENTIN URCH																			
138964	01/27/2011	TR104026	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	151.90	90.10	$250.00
FABIAN DIONICIO HERNANDEZ																			
138965	01/27/2011	TR103375	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	40.00	110.00	$155.00
REED ADAM WILSON																			
138966	01/27/2011	NT100081	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	126.00	25.00	$151.00
CLINTON ANDREW THOMAS																			
138967	01/27/2011	TR110271	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	499.90	90.10	$598.00
ERNEST ESCOBEDO MONTEMAYOR																			
138968	01/27/2011	TR104129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	110.00	$610.00
REED ADAM WILSON																			
138969	01/27/2011	TR110018	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	76.90	90.10	$175.00
ERIK ALEJANDRO ARAUJO																			
138970	01/27/2011	LW110020	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	92.00	90.00	$185.00
VALENTIN COLUNGA RIOS																			
138971	01/27/2011	NT020551	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	212.00	60.00	$272.00
AMY CAROL WATSON																			
138972	01/27/2011	TR110258	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	110.00	$610.00
DAWN MARIE UMIKER																			
138973	01/27/2011	NT030220	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	397.00	85.00	$482.00
AMY CAROL WATSON																			

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138974	01/27/2011	TR103682	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	151.90	140.10	$300.00
DAWN MARIE UMIKER																			
138975	01/27/2011	TR103683	0.00	0.00	0.00	0.00	0.00	0.00	2.49	0.00	0.00	0.00	0.00	0.00	4.15	0.00	0.00	116.51	$123.15
DAWN MARIE UMIKER																			
138976	01/27/2011	TR103683	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.00	0.00	0.00	0.00	0.00	0.85	0.00	24.90	23.74	$50.00
DAWN MARIE UMIKER																			
138977	01/27/2011	TR104182	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	120.00	$620.00
MANDY MARIE RAY																			
138978	01/27/2011	NT110021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	104.00	60.00	$169.00
KENNETH MICHAEL DYCUS																			
138979	01/27/2011	TR104137	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	120.00	$620.00
MANDY MARIE RAY																			
138980	01/27/2011	TR100554	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	500.00	155.10	$663.10
MANDY MARIE RAY																			
138981	01/27/2011	TR100553	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	200.00	155.10	$363.10
MANDY MARIE RAY																			
138982	01/27/2011	TR110264	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
JEAN ELLEN LUNDAY																			
138983	01/27/2011	TR103960	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	39.00	60.00	$104.00
TRISTAN EDWARD BERGEN																			
138984	01/27/2011	TR104009	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	76.90	90.10	$175.00
VERONICA RENA LOUNDERMON																			
138985	01/27/2011	NT100341	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	65.00	$135.00
LETICIA ALANIZ																			
138986	01/27/2011	LW100331	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	299.00	60.00	$364.00
GAVIN DWAN JACKSON																			

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138987	01/27/2011	TR104109	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	76.90	90.10	$175.00
VIVIAN FAYE JOHNS																			
138988	01/27/2011	TR110074	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
MARILYN AHRENDT RIDLEY																			
138989	01/27/2011	TR102717	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	148.00	0.00	$148.00
RICHARD ALAN FLESHMAN																			
138990	01/27/2011	TR103412	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	25.00	$125.00
JONATHAN MATTHEW ORTON																			
138991	01/27/2011	TR110231	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
BRADLEY SCOTT BARRON																			
138992	01/27/2011	TR101015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	194.90	110.10	$310.00
JOSE GONZALEZ																			
138993	01/28/2011	TR104475	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	76.90	90.10	$175.00
HOYT WAYNE TODD																			
138994	01/28/2011	TR104070	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	32.00	90.00	$130.00
CRYSTAL LOPEZ																			
138995	01/28/2011	TR104069	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	39.00	60.00	$104.00
CRYSTAL LOPEZ																			
138996	01/28/2011	TR104068	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	499.90	90.10	$598.00
CRYSTAL LOPEZ																			
138997	01/28/2011	TR104055	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	76.90	90.10	$175.00
KYLE ADAM CRINER																			
138998	01/28/2011	LW100140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	115.00	90.00	$210.00
MICHAEL OREN BRIGHT																			
138999	01/28/2011	TW100168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	25.00	$175.00
RODERICK LAVELLE BROWN																			

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139000	01/28/2011	TR104259	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	194.90	65.10	$260.00
SERGIO ROBLEDO RODRIGUEZ																			
139001	01/28/2011	TR103989	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	35.00	60.00	$100.00
RICKY ALLEN COOK																			
139002	01/28/2011	TR104096	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	200.00	90.10	$298.10
SOPHIA MARIA GREYLING																			
139003	01/28/2011	LW100325	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	400.00	60.00	$465.00
PONCIANO DON TORRES																			
139004	01/28/2011	TR104220	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
ERICK LANGARICA																			
139005	01/28/2011	TR110073	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
CHRISTINA MARIE GONZALEZ																			
139006	01/28/2011	TR103602	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	76.90	0.00	$76.90
NANA ASABEA AIKINS-KUMI																			
139007	01/28/2011	TR110032	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	195.00	65.00	$260.00
MAYRA DINORA TORRES																			
139008	01/28/2011	TR110180	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
JACQUELINE TREME BURGE																			
139009	01/28/2011	PW110015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	425.00	75.00	60.00	$565.00
AMBER KAY AGEE																			
139010	01/28/2011	TR104071	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	119.00	110.00	$229.00
JIM WILLARD PARKS																			
139011	01/28/2011	PW110014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	425.00	75.00	60.00	$565.00
IVAR VINCENT OWEN																			
139012	01/28/2011	TR100547	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.90	140.10	$149.00
JIM WILLARD PARKS																			

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139013	01/28/2011	TR104050	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
DEMITRIA LYNNE HENRY																			
139014	01/28/2011	TR104051	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	76.90	90.10	$175.00
DEMITRIA LYNNE HENRY																			
139015	01/28/2011	NT100439	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	60.00	$65.00
STEPHANY KRAUSE																			
139016	01/28/2011	TR103927	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	101.90	115.10	$225.00
DUSTY LEE SULLIVAN																			
139017	01/28/2011	TR103742	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	104.00	25.00	$129.00
MARIE MENDEZ																			
139018	01/28/2011	NT100289	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	167.00	25.00	$192.00
JOSE CARLOS GAMEZ																			
139019	01/28/2011	LW110015	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	92.00	90.00	$185.00
ROBERT FRANK SCARBOROUGH																			
139020	01/28/2011	TR103186	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	99.90	90.10	$198.00
BRADLEY WAYNE CAIN																			
139021	01/28/2011	TR110249	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
JESS WILLIAMS																			
139022	01/28/2011	TR110248	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	32.00	90.00	$130.00
JESS WILLIAMS																			
139023	01/28/2011	TR104116	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	178.00	0.00	$178.00
GUADALUPE G GARZA																			
139024	01/28/2011	TR110159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	64.90	60.10	$130.00
RUTH GARCIA-CRUZ																			
139025	01/28/2011	TR103383	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.00	25.00	$90.00
VANEZA GONZALEZ BASON																			

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139026	01/28/2011	TR103384	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	104.00	0.00	$104.00
VANEZA GONZALEZ BASON																			
139027	01/28/2011	TR094808	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	350.00	135.00	$490.00
ROBERT MARTIN KING																			
139028	01/28/2011	TR093049	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	150.00	$158.00
HARCEL RAMIREZ																			
139029	01/28/2011	TR093049	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	0.00	$50.00
HARCEL RAMIREZ																			
139030	01/28/2011	TR110193	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
CHARLES BRADLEY HILL																			
139031	01/28/2011	TR104357	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	102.90	90.10	$201.00
CARMEN MIGUEL JACK																			
139032	01/28/2011	TR103731	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	160.00	0.00	$160.00
ANTHONY DEAN MOJICA																			
139033	01/31/2011	TR103626	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	$100.00
MONIC MARIE TALAUGOA																			
139034	01/31/2011	TR094072	0.00	183.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	110.00	$793.00
DAVID MILTON HUFFMAN																			
139035	01/31/2011	TR091484	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	154.00	165.00	$327.00
DAVID MILTON HUFFMAN																			
139036	01/31/2011	PW100010	0.00	183.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	110.00	$793.00
JOSE VENTURA SANCHEZ																			
139037	01/31/2011	PW090063	0.00	64.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	85.00	15.00	110.00	$279.50
JOSE VENTURA SANCHEZ																			
139038	01/31/2011	TR110265	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
KAYLEIGH DAWN EMERSON																			

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139039	01/31/2011	LW110002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	35.00	60.00	$100.00
PABLO ARTURO MOLINA																			
139040	01/31/2011	TR110125	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	32.00	90.00	$130.00
MATTHEW SCOTT SHAW																			
139041	01/31/2011	TR110171	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
EYTHAN WILLIAM LENZ																			
139042	01/31/2011	TR110205	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
BONITA JAVONN EARLY																			
139043	01/31/2011	TR110225	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	5.00	0.00	0.00	0.00	0.00	90.10	$108.00
JOHN JOSEPH SURKO																			
139044	01/31/2011	TR110230	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	194.90	60.10	$260.00
GLIANNE MELISSA SANCHEZ-VAZQUEZ																			
139045	01/31/2011	TR110330	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	$10.00
STEPHEN CANTU																			
139046	01/31/2011	TR104135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	167.00	25.00	$192.00
TIMOTHY AARON BALDERAS																			
139047	01/31/2011	TR110233	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
ARTURO CHAPARRO																			
139048	01/31/2011	TR104268	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	76.90	90.10	$175.00
CONSTANCE CAMILLE GONZALES																			
139049	01/31/2011	TR110100	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	76.90	90.10	$175.00
RYAN KENDALL WOLFF																			
139050	01/31/2011	TR104073	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.00	110.00	$200.00
DEREK JASON CHAPA																			
139051	01/31/2011	TR102680	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	130.00	0.00	$130.00
KENNETH RAY TIEMAN																			

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139052	01/31/2011	TR110246	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.90	95.10	$199.00
INES MORENO ARROYO																			
139053	01/31/2011	LW110013	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	60.00	$160.00
DAVID WAYNE PARKER																			
139054	01/31/2011	TR110078	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	499.90	90.10	$598.00
DENNIS OLIVER HUGHES																			
139055	01/31/2011	TR110158	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	76.90	90.10	$175.00
TOMMIE LEE GRIFFIN																			
139056	01/31/2011	LW110016	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	60.00	$210.00
MICHAEL JOHN TAYLOR																			
139057	01/31/2011	TR104013	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	151.90	90.10	$250.00
MARIAH MAYFIELD SMITH																			
139058	01/31/2011	TR104014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	35.00	60.00	$100.00
MARIAH MAYFIELD SMITH																			
139059	01/31/2011	TR102318	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	193.00	0.00	$193.00
LAURA PIERCE DICKENS																			
139060	01/31/2011	LW060202	0.00	181.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	106.00	$787.80
SAUL S MARQUEZ																			
139061	01/31/2011	TR110044	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
NELSON ALEJANDRO RIOS																			
139062	01/31/2011	NT100319	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	65.00	$565.00
SHAWN WAYNE JONAS																			
139063	01/31/2011	TR054135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200.00	111.00	$311.00
CARL A NEWMAN																			
139064	01/31/2011	TR110294	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
BRITTANY MEAGAN GREENER																			

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139065	01/31/2011	TR102487	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	200.00	120.00	$328.00
CHRISTOPHER WAYNE CALL																			
139066	01/31/2011	TR110183	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	9.90	0.00	0.00	0.00	5.00	0.00	0.00	90.10	$108.00
MARTHA CRAIGHEAD CASON																			
139067	01/31/2011	TR053229	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	350.00	107.00	$462.00
CARL ANTHONY NEWMAN																			
139068	01/31/2011	LW100305	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.00	110.00	$136.00
JOSE CLAUDIO OCHOA																			
139069	01/31/2011	LW100194	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	89.00	25.00	$114.00
JOSE CLAUDIO OCHOA																			
139070	01/31/2011	TR100670	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	207.00	0.00	$207.00
CLEVELAND BYRON WOODS																			
																		0.00	$0.00
CUMULATIVE TOTALS :			13.00	946.80	120.00	0.00	0.00	0.00	741.00	540.00	851.40	330.00	830.00	35.00	810.00	1,615.00	67,166.4	43,954.7	$117,953.33

211 W. 6th St.
P.O. Box 588
Taylor, Texas 76574

Payment Register: Summary Section
Williamson County Justice of the Peace, Pct. 4

Date Printed: 1/31/2011
Time Printed: 5:57:13PM

FEE CODE	FEE DESC	ITEMS	TOT PAID	TOT MONEY	CASH	CHECKS	MO	ESCROW	CC	JAIL TIME	CSR	OTHER	GL CODE
AFCAF	COUNTY ARREST FEE	175	830.00	815.00	322.80	5.00	200.00	0.00	287.20	15.00	0.00	0.00	0100-0000-341804
AFDPS	DPS ARREST FEE	164	805.00	800.00	140.40	20.00	340.00	0.00	299.60	5.00	0.00	0.00	0399-0000-208400
AFPWA	PARKS & WILDLIFE ARREST	7	35.00	35.00	5.00	0.00	10.00	0.00	20.00	0.00	0.00	0.00	0399-0000-208400
CS	CHILD SAFETY	27	540.00	540.00	300.00	0.00	160.00	0.00	80.00	0.00	0.00	0.00	0100-0000-341804
CVC	CRIME VICTIMS FUND	8	120.00	120.00	0.00	0.00	45.00	0.00	75.00	0.00	0.00	0.00	0399-0000-208300
DIS	DISMISSAL FEE	33	330.00	330.00	110.00	0.00	180.00	0.00	40.00	0.00	0.00	0.00	0100-0000-341804
DLQ	DELINQUENT COLLECTIONS	5	946.80	946.80	582.00	0.00	0.00	0.00	364.80	0.00	0.00	0.00	01.0100.0000.20701
DPS	DPS ARREST FEE	1	5.00	5.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0399-0000-208400
DSC	DEFENSIVE DRIVING	90	851.40	851.40	204.33	19.80	396.00	0.00	231.27	0.00	0.00	0.00	0100-0000-341804
FINE	FINE	578	67,166.41	64,884.41	18,501.63	901.90	22,084.88	0.00	23,396.00	2,279.00	0.00	3.00	0100-0000-351304
JCPT	JUDICIAL COURT PERSONNE	7	13.00	13.00	0.00	0.00	3.00	0.00	10.00	0.00	0.00	0.00	0399-0000-208500
PWF	PARKS AND WILDLIFE FINE	7	1,615.00	1,615.00	85.00	0.00	850.00	0.00	680.00	0.00	0.00	0.00	0100-0000-209600
TFC	TRAFFIC	259	741.00	738.00	196.92	12.00	276.00	0.00	253.08	3.00	0.00	0.00	0100-0000-341804

***** The Following Fees Do Not Match Any Of The Column Definitions, Therefore Are Included In The "All Other" Column*****

FEE CODE	FEE DESC	ITEMS	TOT PAID	TOT MONEY	CASH	CHECKS	MO	ESCROW	CC	JAIL TIME	CSR	OTHER	GL CODE
AFC4	CONTABLE ARREST FEE	9	45.00	45.00	30.00	0.00	5.00	0.00	10.00	0.00	0.00	0.00	0100-0000-341914
AFGPD	GRANGER POLICE DEPAI	4	20.00	20.00	5.00	0.00	0.00	0.00	15.00	0.00	0.00	0.00	0100-0000-341804
AFHPD	HUTTO POLICE DEPARTM	1	5.00	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0100-0000-341804
AFTPD	TAYLOR POLICE DEPART	1	5.00	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0100-0000-341804
BOND	CASH BOND	1	200.00	200.00	0.00	0.00	0.00	0.00	200.00	0.00	0.00	0.00	01-0100-0000-20700
C1W	CONSTABLE 1 WARRANT	37	1,700.00	1,700.00	500.00	0.00	450.00	0.00	750.00	0.00	0.00	0.00	0100-0000-341911
C3W	CONSTABLE 3 WARRANT	4	200.00	200.00	0.00	0.00	0.00	0.00	200.00	0.00	0.00	0.00	0100-0000-341913
C4W	CONSTABLE 4 WARRANT	1	35.00	35.00	0.00	0.00	35.00	0.00	0.00	0.00	0.00	0.00	0100-0000-341914
C4W	CONSTABLE 4 WARRANT	14	700.00	700.00	50.00	0.00	450.00	0.00	200.00	0.00	0.00	0.00	0100-0000-341914
CCC	CONSOLIDATED COURT (	456	17,536.00	17,336.00	5,395.99	240.00	5,491.00	0.00	6,209.01	200.00	0.00	0.00	0399-0000-208160
CHS	COURTHOUSE SECURITY	456	1,329.00	1,314.00	404.70	18.00	417.00	0.00	474.30	15.00	0.00	0.00	0360-0000-341150
CHS2	COURTHOUSE SECURITY	1	1.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0361-0000-341154
CHS2A	COURTHOUSE SECURITY	444	431.00	426.00	134.90	4.00	135.00	0.00	152.10	5.00	0.00	0.00	0361-0000-341154
CMI	CORRECTIONAL MANAG	4	2.00	2.00	0.00	0.00	0.50	0.00	1.50	0.00	0.00	0.00	0399-0000-208730
COM	COMMITMENT	38	190.00	165.00	20.00	10.00	125.00	0.00	10.00	25.00	0.00	0.00	0100-0000-341804
CSS	SAFETY SEAT SYSTEMS I	4	0.45	0.45	0.30	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0399-0000-208721
CWF	WILLIAMSON COUNTY W	51	2,449.87	2,449.87	512.77	100.00	700.00	0.00	1,137.10	0.00	0.00	0.00	0100-0000-341804
FA	FUGITIVE APPREHENSIOI	8	40.00	40.00	0.00	0.00	15.00	0.00	25.00	0.00	0.00	0.00	0399-0000-208170
HWF	HUTTO POLICE DEPARTM	4	200.00	200.00	50.00	0.00	150.00	0.00	0.00	0.00	0.00	0.00	0100-0000-341804
IDF	INDIGENT DEFENSE FEE	442	858.00	850.00	269.80	8.00	268.00	0.00	304.20	8.00	0.00	0.00	0399.0000.208703
JCD	JUVENILE CRIME & DELI	8	3.00	3.00	0.00	0.00	1.00	0.00	2.00	0.00	0.00	0.00	0399-0000-208180
JCP	JUDICIAL COURT PERSOI	1	1.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0399-0000-208500
JCTF	JUSTICE COURT TECHNC	452	1,756.00	1,736.00	539.60	24.00	548.00	0.00	624.40	20.00	0.00	0.00	0372-0000-341144
JRF	STATE JURY REIMBURSE	445	1,728.00	1,708.00	539.60	16.00	540.00	0.00	612.40	20.00	0.00	0.00	0399-0000-208235
JSF	JUDICIAL SUPPORT FEE	445	2,586.00	2,558.00	809.40	24.00	808.00	0.00	916.60	28.00	0.00	0.00	0399-0000-208352
JURY	JURY FEE	1	3.00	3.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0100-0000-341804
MV	STATE CIVIL JUSTICE DA	240	23.10	23.00	6.96	0.30	8.40	0.00	7.34	0.10	0.00	0.00	0399-0000-208415
OVER	OVER PAYMENT OF FINE	2	3.00	3.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0100-0000-209700
REL	RELEASE	38	190.00	165.00	20.00	10.00	125.00	0.00	10.00	25.00	0.00	0.00	0100-0000-341804
RRWF	ROUND ROCK POLICE DE	2	100.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0100-0000-341804
SJRF	STATE JURY REIMBURSE	1	4.00	4.00	0.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0399-0000-208235
SPF	SPECIAL PROCESSING FE	4	1,300.00	1,300.00	100.00	0.00	700.00	0.00	500.00	0.00	0.00	0.00	0100-0000-341804
STF	STATE TRAFFIC FEE	256	7,320.00	7,290.00	1,969.20	120.00	2,730.00	0.00	2,470.80	30.00	0.00	0.00	0399-0000-208425
SUB	SUBPOENA FEE	40	180.00	180.00	35.80	5.00	65.00	0.00	74.20	0.00	0.00	0.00	0100-0000-341914
SUM	SUMMONS FEE	48	240.00	240.00	115.00	0.00	60.00	0.00	65.00	0.00	0.00	0.00	0100-0000-341914
SWF	STATE WARRANT FEE	3	150.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	0.00	0.00	0399-0000-208400
TP	TIME PAYMENT	77	1,842.00	1,767.00	606.50	0.00	542.00	0.00	618.50	75.00	0.00	0.00	0399-0000-208860
TWFINE	TOLLWAY FINE	20	578.30	578.30	201.20	0.00	276.50	0.00	100.60	0.00	0.00	0.00	0100-0000-207027

TOTALS SUMMARY	5424	117,953.33	114,947.23	32,777.80	1,542.00	39,199.28	0.00	41,428.15	$3,003.10	0.00	3.00

Direct Deposit	$0.00							CSR Credit	$0.00		
Cash	$32,777.80										
Checks	$1,542.00							Jail Credit	$3,003.10	Post for Refund	$0.00
Money Orders	$39,199.28										
Credit Cards :	$41,428.15	Escrow Payments	$0.00	Transaction Fee	$0.00			Non-Monetary	$3.00	Over Payments	$0.00
TOTAL CURRENCY	$114,947.23	ESCROW PAID	$0.00	TRAN. FEES	$0.00			TOTAL	$3,006.10	TOTAL PAID	$0.00

211 W. 6th St.
P.O. Box 588
Taylor, Texas 76574

Payment Register: GL Code Recap
Williamson County Justice of the Peace, Pct. 4

Date Printed: 1/31/2011
Time Printed: 5:57:13PM

GL CODE	GL CODE DESCRIPTION	CURRENCY	CREDIT CARD	OTHERS	DIRECT DEPOSIT	TOTALS
01-0100-0000-207008		0.00	200.00	0.00	0.00	200.00
0100-0000-209600		935.00	680.00	0.00	0.00	1,615.00
0100-0000-209700		3.00	0.00	0.00	0.00	3.00
0100-0000-341804		5,023.62	2,563.65	168.00	0.00	7,755.27
0100-0000-341904		15.00	5.00	0.00	0.00	20.00
0100-0000-341911		950.00	750.00	0.00	0.00	1,700.00
0100-0000-341913		0.00	200.00	0.00	0.00	200.00
0100-0000-341914		835.80	344.20	0.00	0.00	1,180.00
0100-0000-351304		41,488.41	23,396.00	2,282.00	0.00	67,166.41
0360-0000-341150		839.70	474.30	15.00	0.00	1,329.00
0361-0000-341154		273.90	153.10	5.00	0.00	432.00
0372-0000-341144		1,111.60	624.40	20.00	0.00	1,756.00
0399-0000-208160		11,126.99	6,209.01	200.00	0.00	17,536.00
0399-0000-208170		15.00	25.00	0.00	0.00	40.00
0399-0000-208180		1.00	2.00	0.00	0.00	3.00
0399-0000-208235		1,099.60	612.40	20.00	0.00	1,732.00
0399-0000-208300		45.00	75.00	0.00	0.00	120.00
0399-0000-208352		1,641.40	916.60	28.00	0.00	2,586.00
0399-0000-208400		520.40	319.60	155.00	0.00	995.00
0399-0000-208425		4,819.20	2,470.80	30.00	0.00	7,320.00
0399-0000-208500		4.00	10.00	0.00	0.00	14.00
0399-0000-208730		0.50	1.50	0.00	0.00	2.00
0399-0000-208860		1,148.50	618.50	75.00	0.00	1,842.00
0399.0000.208703		545.80	304.20	8.00	0.00	858.00
0399-0000-208721		0.30	0.15	0.00	0.00	0.45
0399-0000-208415		15.66	7.34	0.10	0.00	23.10
0100-0000-207027		477.70	100.60	0.00	0.00	578.30
01.0100.0000.207017	DLQ FEE	582.00	364.80	0.00	0.00	946.80
TOTALS :		73,519.08	41,428.15	3,006.10	0.00	117,953.33

Receipt Numbers
138454 - 139070

Discuss and considering approving a $100 memorial tree dedication for Dick Finnegan.

Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Jim Rodgers, Parks
Submitted For: Jim Rodgers
Department: Parks
Agenda Category: Consent

Information

Agenda Item

Discuss and considering approving a $100 memorial tree dedication for Dick Finnegan.

Background

The Williamson County Parks and Recreation Department is in receipt of a total of $100.00 for the Memorial Tree Program. The donation is for the tree planting program in memory of Mr. Dick Finnegan. Dick retired from the City of Austin Parks and Recreation Department and was responsible for irrigating many a park tree. This donation is from all of Dick's many Park and Recreation friends. A Cedar Elm will be planted along the Hike & Bike Trial at Champion Park.

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

No file(s) attached.

Form Routing/Status

Form Started By: Jim Rodgers Started On: 02/17/2011 11:15 AM
Final Approval Date: 02/17/2011

Property Tax Collections – January 2011
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Cathy Atkinson, County Tax Assessor Collector
Submitted For: Deborah Hunt
Department: County Tax Assessor Collector
Agenda Category: Consent

Information

Agenda Item

Consider approving property tax collections for the month of January 2011 for the Williamson County Tax Assessor/Collector.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

Link: 010111-013111 GWI-RFM

Form Routing/Status

Form Started By: Cathy Atkinson
Started On: 02/17/2011 11:04 AM
Final Approval Date: 02/17/2011

YEAR TO DATE - COLLECTION REPORT
Williamson County - GWI/RFM Property Taxes
January 1-31, 2011

Williamson County General Fund	Tax Roll	Adjustments	Adjusted Tax Roll	Tax Collected	Penalty & Interest Collected	Variance	Uncollected Balance	YTD Collected	Percent Collected	Percent Collected w/P & I	Percent Collected w/P & I & Prior Years
2010	$150,606,771.14	$1,004,362.32	$151,611,133.46	$53,971,384.76	$384.63	($68,595.64)	$8,814,517.56	$142,796,615.90	94.19%	94.19%	94.61%
2009 & Prior	$2,233,295.16	($140,164.55)	$2,093,130.61	$104,296.30	$29,601.07	$1,452.91	$1,649,846.94	$443,283.67	21.18%	22.59%	
Rollbacks	$165,822.93	$55,317.92	$221,140.85	$135,687.85	$87.50	$0.00	$54,988.66	$166,152.19	75.13%	75.17%	
Total All	$153,005,889.23	$919,515.69	$153,925,404.92	$54,211,368.91	$30,073.20	($67,142.73)	$10,519,353.16	$143,406,051.76	93.17%	93.19%	

Williamson County RFM	Tax Roll	Adjustments	Adjusted Tax Roll	Tax Collected	Penalty & Interest Collected	Variance	Uncollected Balance	YTD Collected	Percent Collected	Percent Collected w/P & I	Percent Collected w/P & I & Prior Years
2010	$9,936,287.66	$70,826.26	$10,007,113.92	$3,573,078.86	$25.09	($4,475.92)	$596,461.32	$9,410,652.60	94.04%	94.04%	94.47%
2009 & Prior	$167,209.30	($9,239.50)	$157,969.80	$6,856.62	$1,959.76	$128.68	$128,366.55	$29,603.25	18.74%	19.98%	
Rollbacks	$11,721.18	$3,718.21	$15,439.39	$9,139.05	$5.98	$0.00	$4,247.98	$11,191.41	72.49%	72.52%	
Total All	$10,115,218.14	$65,304.97	$10,180,523.11	$3,589,074.53	$1,990.83	($4,347.24)	$729,075.85	$9,451,447.26	92.84%	92.86%	

2010 COMBINED MONTHLY BREAKDOWN

Oct-10	$163,121,107.37	$43.00	$163,121,150.37	$583,319.49	$43,733.04	$1,197.12	$162,536,633.76	$584,516.61
Nov-10	$163,121,150.37	$981,991.23	$164,103,141.60	$8,057,873.41	$32,723.92	$3,125.73	$155,457,625.85	$8,645,515.75
Dec-10	$164,103,141.60	$92,539.95	$164,195,681.55	$86,482,093.28	$30,482.50	$936.52	$69,067,136.00	$95,128,545.55
Jan-11	$164,195,681.55	($89,753.52)	$164,105,928.03	$57,800,443.44	$32,064.03	($71,489.97)	$11,248,429.01	$152,857,499.02

Property Tax Refunds – Over $2,500.00 – January 2011
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Cathy Atkinson, County Tax Assessor Collector
Submitted For: Deborah Hunt
Department: County Tax Assessor Collector
Agenda Category: Consent

Information

Agenda Item

Consider approving property tax refunds over $2,500.00 for the month of January 2011 for the Williamson County Tax Assessor/Collector.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

Link: Court Refunds Jan 11

Form Routing/Status

Form Started By: Cathy Atkinson
Started On: 02/17/2011 11:12 AM
Final Approval Date: 02/17/2011

WILLIAMSON COUNTY
1848

Deborah M Hunt, C T A
Tax Assessor Collector

Date: February 17, 2011

To: Members of the Commissioners Court

From: Deborah M. Hunt, CTA

Subject: Property Tax Refunds

In accordance with Section 31.11 of the Property Tax Code, the court needs to approve all refunds in excess of $2,500.00. We are presenting the attached list which includes these property tax refunds for your approval.

Please contact me at 943-1601, ext. 7015, if you have any questions.

Thank you.

WILLIAMSON COUNTY

Main Office:
904 S Main St
Georgetown, Texas 78626
Phone: (512) 943-1601
Fax: (512) 943-3578
www.williamson-county.org

Annex Locations:
1801 E Old Settlers Blvd, Ste 115
Round Rock, Texas 78664
Phone: (512) 244-8644
Fax: (512) 244-8645

350 Discovery Blvd, Ste 101
Cedar Park, Texas 78613
Phone: (512) 260-4290
Fax: (512) 260-4295

412 Vance St, Ste 1
Taylor, Texas 76574
Phone: (512) 352-4140
Fax: (512) 352-4143

Property Tax
Account QuickReport
As of January 31, 2011

Type	Date	Num	Name	Memo	Amount
Refunds Payable - Taxpayers					
Check	1/3/2011	38505	COHEN FAMILY FUND LLC	R314226 - 2006-2009 Agreed Judgment	-4,018.50
Check	1/3/2011	38506	THOMPSON, STEPHEN T	R303532 - 2009 Supplement #15	-3,635.66
Check	1/3/2011	38511	BROOKE LTD	R308395 - 2009 Agreed Judgment	-19,217.55
Check	1/3/2011	38529	MEREDITH DRUG LC	R376717 - 2006-2009 Agreed Judgment	-5,624.62
Check	1/3/2011	38548	MINNETONKA CAPITAL INVESTMENTS V LP	R391735 - 2006-2009 Agreed Judgment	-2,530.40
Check	1/3/2011	38550	TONKAWA, INVESTMENTS LLC	R399232 - 2006-2009 Agreed Judgment	-4,467.49
Check	1/4/2011	38569	KOHLS ILLINOIS INC	Multiple Accounts - 2007-2008 Agreed Judgment	-32,046.25
Check	1/4/2011	38587	WG ACQUISITIONS III LLC	R418197 - 2006-2009 Agreed Judgment	-4,685.45
Check	1/4/2011	38588	Walgreens	R425496 - 2006-2009 Agreed Judgment	-2,701.33
Check	1/4/2011	38589	CEDAR ISLAND LP	R427502 - 2006-2009 Agreed Judgment	-4,307.02
Check	1/4/2011	38601	PIER 53 NORTH INC	R444314 - 2006-2009 Agreed Judgment	-4,793.30
Check	1/4/2011	38602	LEANDER ISLAND LP	R438991 - 2006-2009 Agreed Judgment	-4,575.47
Check	1/4/2011	38610	SALOMON DEVELOPMENT CO LP & L M WOL...	R438976 - 2006-2009 Agreed Judgment	-4,979.79
Check	1/4/2011	38630	SPG WOLF RANCH LP	R466694 - 2009 Agreed Judgment	-138,264.40
Check	1/4/2011	38679	KEYLESS RIDE	P465786 - 2009 Supplement #15	-19,026.97
Check	1/6/2011	38695	BAC Tax Services Corporation	R495034 & R349266 - Double payments	-5,359.37
Check	1/7/2011	38711	GMAC Mortgage	R382527 - Double payment	-7,334.66
Check	1/10/2011	38713	LPS Property Tax Solutions	R070293 - Overpayment	-3,741.72
Check	1/11/2011	38716	Williamson County Tax Office	R044133 - Double payment - Pay back	-2,850.74
Check	1/11/2011	38717	Williamson County Tax Office	R495967 - Overpayment	-2,757.38
Check	1/11/2011	38718	Williamson County Tax Office	R032779 - Double payment	-3,137.57
Check	1/12/2011	38723	Tsenghui Sung	R460829 - Double payment	-4,952.58
Check	1/12/2011	38725	Williamson County Tax Office	R424336 - Double payment	-4,007.92
Check	1/12/2011	38726	Williamson County Tax Office	R358687 - Double payment	-7,653.62
Check	1/13/2011	38728	CoreLogic Tax Services LLC	R037154 - Double payment	-7,287.23
Check	1/13/2011	38732	Williamson County Tax Office	R490792 - Double payment	-6,054.13
Check	1/13/2011	38736	Williamson County Tax Office	R358181 - Double payment	-3,308.75
Check	1/13/2011	38745	Sterling Property Tax Solutions Inc	Multiple Accounts - Over and Double payments	-21,617.63
Check	1/14/2011	38754	Citi Financial	R043157 - Overpayment	-2,843.61
Check	1/14/2011	38763	BAC Tax Services Corp	Multiple Accounts - Over and Double payments	-67,525.54
Check	1/21/2011	38781	Richmond Title Services, L.P.	R417940 - Overpayment	-4,743.68
Check	1/21/2011	38783	GMAC Mortgage	R402252 - Overpayment	-4,310.98
Check	1/21/2011	38774	CoreLogic Tax Services LLC	Multiple Accounts - Over and Double payments	-307,510.45
Check	1/21/2011	38775	LERETA, LLC	Multiple Accounts - Over and Double payments	-5,532.93
Check	1/24/2011	38800	Independence Title Company	R036780 - Overpayment	-3,608.98
Check	1/24/2011	38802	BAC Tax Services Corporation	R452146 & R475339 - Double payments	-6,770.32
Check	1/24/2011	38815	Platinum Title Partners, LP	R448376 - Overpayment	-2,876.39
Check	1/24/2011	38791	Independence Title Company	R358181 - Double payment	-3,308.75
Check	1/24/2011	38792	Elias or Sylvia Gonzales	R032779 - Double payment	-3,137.57
Check	1/24/2011	38793	Gracy Title, a Stewart Company	R490792 - Double payment	-6,054.13
Check	1/24/2011	38799	Wells Fargo Real Estate Tax Services, LLC	Multiple Accounts - Over and Double payments	-127,375.25
Check	1/24/2011	38819	Wells Fargo Home Mortgage	R044133 - Double payment	-2,850.74
Check	1/24/2011	38820	LCM & BAM Properties	R412718 - Double payment	-3,522.23
Check	1/27/2011	38831	American Home Mortgage	R425372 - Overpayment	-4,072.36
Check	1/27/2011	38824	Williamson County Tax Office	R315665 - Overpayment - Pay back	-6,134.85
Check	1/27/2011	38832	Wells Fargo Home Mortgage	R477665 & R480134 - Double payments	-3,590.31
Check	1/27/2011	38833	Gracy Title, a Stewart Company	R359628 - Overpayment	-2,691.62
Check	1/27/2011	38841	CoreLogic Tax Services LLC	Multiple Accounts - Over and Double payments	-73,658.78
Check	1/27/2011	38842	Colonial Savings	Multiple Accounts - Over and Double payments	-7,581.80
Check	1/27/2011	38825	Wells Fargo Home Mortgage	Multiple Accounts - Double payments	-7,997.10
Check	1/28/2011	38977	PROPERTY FUND #2 LTD	R032328 & R315271 - 2009-2010 Agreed Judgment	-11,188.60
Check	1/28/2011	38964	NORRIS, WALTER H & ANNIE M	R480319 - 2009 Supplement #16	-2,908.02
Check	1/28/2011	38855	CitiMortgage	R388446 - Double payment	-12,756.17
Check	1/28/2011	38981	DAIMLER TRUST	Multiple Accounts - 2010 Supplement #4	-2,760.73
Check	1/28/2011	38984	Jack W Boulton Sr	R399160 - Double payment	-3,027.46
Total Refunds Payable - Taxpayers					-1,025,278.85
TOTAL					**-1,025,278.85**

Asset Transfers
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Patrick Strittmatter, Purchasing
Submitted For: Patrick Strittmatter
Department: Purchasing
Agenda Category: Consent

Information

Agenda Item

Consider authorizing the transfer of various equipment items through inter-office transfer, auction, donation, or destruction.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

Link: Asset Transfer Forms

Form Routing/Status

Form Started By: Patrick Strittmatter — Started On: 02/17/2011 09:50 AM

Final Approval Date: 02/17/2011

FrmAudASCF01 revision 8/24/09

Williamson County

Asset Status Change Form

Print Form

The following asset(s) is(are) considered for: (select one)

- ○ TRANSFER bet ween county departments
- ○ TRADE-IN for new assets of similar type for the county
- ○ DESTRUCTION due to Public Health / Safety
- ◉ SALE at the earliest auction *
- ○ DONATION to a non-county entity

Asset List:

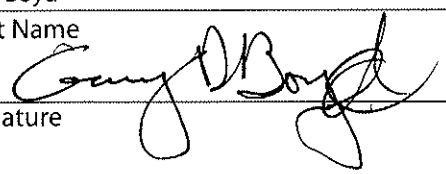
Quantity	Description (year, make, model, etc.)	Manufacturer ID# (serial, service tag, or VIN)	County Tag#	Condition of Assets (Working, Non-Working)
1	Konica Monolta: model # 2480 MF			Working

Parties involved:

FROM (Transferor Department): Parks Dept/Air Check

Transferor - Elected Official/Department Head/ Authorized Staff:

Gary Boyd
Print Name



February 2, 2011
Signature Date

Contact Person:

Benita Bonner
Print Name

+1 (512) 260-4267
Phone Number

TO (Transferee Department/Auction/Trade-in/Donee): Auction

Transferee - Elected Official/Department Head/ Authorized Staff OR Donee - Representative: (If being approved for Sale or Trade-in, no signature is necessary.)

Print Name

Signature Date

Contact Person:

Tony Hill
Print Name

Phone Number

* If the above asset(s) is (are) listed for sale at auction and no bids are made, the Purchasing Director may dispose of or donate this (these) asset(s). A list of the (these) asset(s) to be donated or disposed of will be sent to the Auditor's Office with a date of donation or disposal.

Forward to County Auditor's Office

This Change Status was approved as agenda item # _____ in Commissioner's Court on _____

If for Sale, the asset(s) was(were) delivered to warehouse on _____ by _____

FrmAudASCF01 revision 8/24/09

Williamson County
Asset Status Change Form

Print Form

The following asset(s) is(are) considered for: (select one)

( ) TRANSFER bet ween county departments ( ) TRADE-IN for new assets of similar type for the county ( ) DESTRUCTION due to Public Health / Safety

(•) SALE at the earliest auction * ( ) DONATION to a non-county entity

Asset List:

Quantity	Description (year, make, model, etc.)	Manufacturer ID# (serial, service tag, or VIN)	County Tag#	Condition of Assets (Working, Non-Working)
21	s/s tactical shirts (faded, ink stains, and buttons missing)	n/a	n/a	Non-Working
105	BDU's (faded, holes, and buttons missing)	n/a	n/a	Non-Working
	***** all insignias have been removed *****			Non-Working
				Non-Working

Parties involved:

FROM (Transferor Department): 570 Corrections

Transferor - Elected Official/Department Head/ Authorized Staff:

L.C. Marshall
Print Name

L C Marshall
Signature

January 31, 2011
Date

Contact Person:

Tammy Hill #12015
Print Name

+1 (512) 943-1324
Phone Number

TO (Transferee Department/Auction/Trade-in/Donee): Auction

Transferee - Elected Official/Department Head/ Authorized Staff OR Donee - Representative: (If being approved for Sale or Trade-in, no signature is necessary.)

Print Name

Signature

Date

Contact Person:

Print Name

Phone Number

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FrmAudASCF01 revision 8/24/09

Williamson County
Asset Status Change Form

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The following asset(s) is(are) considered for: (select one)

- ○ TRANSFER bet ween county departments
- ○ TRADE-IN for new assets of similar type for the county
- ◉ SALE at the earliest auction *
- ○ DONATION to a non-county entity
- ○ DESTRUCTION due to Public Health / Safety

Asset List:

Quantity	Description (year, make, model, etc.)	Manufacturer ID# (serial, service tag, or VIN)	County Tag#	Condition of Assets (Working, Non-Working)
1	TOSHIBA TV	8385178538B		Non-Working
2	Computer Speakers	CN04N567482202AA0759		Non-Working
5	High Back Executive Chairs			Non-Working
				Non-Working

Parties involved:

FROM (Transferor Department): Juvenile Detention

Transferor - Elected Official/Department Head/ Authorized Staff:

Kurt Hundl or Sal Lopez
Print Name

Signature

1.20.11
Date

Contact Person:

Cheryl Wright
Print Name

943-3252
Phone Number

TO (Transferee Department/Auction/Trade-in/Donee):

Transferee - Elected Official/Department Head/ Authorized Staff OR Donee - Representative: (If being approved for Sale or Trade-in, no signature is necessary.)

Print Name

Signature

Date

Contact Person:

Print Name

Phone Number

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Forward to County Auditor's Office

This Change Status was approved as agenda item # _____ in Commissioner's Court on _____

If for Sale, the asset(s) was(were) delivered to warehouse on _____ by _____

Sent 2/8/11

FrmAudASCF01 revision 8/24/09

Williamson County
Asset Status Change Form

Print Form

The following asset(s) is(are) considered for: (select one)

○ TRANSFER bet ween county departments ○ TRADE-IN for new assets of similar type for the county

○ SALE at the earliest auction * ○ DONATION to a non-county entity

◉ DESTRUCTION due to Public Health / Safety

Asset List:

Quantity	Description (year, make, model, etc.)	Manufacturer ID# (serial, service tag, or VIN)	County Tag#	Condition of Assets (Working, Non-Working)
1	Handcuffs	Model 500		Non-Working
				Non-Working
				Non-Working
				Non-Working

Parties involved:

FROM (Transferor Department): Juvenile Detention

Transferor - Elected Official/Department Head/ Authorized Staff:

Kurt Hundl or Sal Lopez
Print Name

K. P. Hall 1-20-11
Signature Date

Contact Person:

Cheryl Wright
Print Name

943-3252
Phone Number

TO (Transferee Department/Auction/Trade-in/Donee): _____

Transferee - Elected Official/Department Head/ Authorized Staff OR Donee - Representative: (If being approved for Sale or Trade-In, no signature is necessary.)

Print Name

Signature Date

Contact Person:

Print Name

Phone Number

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Forward to County Auditor's Office

This Change Status was approved as agenda item # _____ In Commissioner's Court on _____

If for Sale, the asset(s) was(were) delivered to warehouse on _____ by _____

FrmAudASCF01 revision 8/24/09

Williamson County

Asset Status Change Form

Print Form

The following asset(s) is(are) considered for: (select one)

- ○ TRANSFER bet ween county departments
- ○ TRADE-IN for new assets of similar type for the county
- ◉ SALE at the earliest auction *
- ○ DONATION to a non-county entity
- ○ DESTRUCTION due to Public Health / Safety

Asset List:

Quantity	Description (year, make, model, etc.)	Manufacturer ID# (serial, service tag, or VIN)	County Tag#	Condition of Assets (Working, Non-Working)
1	HP LaserJet 3015 Fax	Q2669A		Working
1	Dell Monitor	CN-0Y4299-71618-58T-BDK2		Working
1	Dell Computer	J0HVYF1	C01898	Working
1	Dell Computer	2DB3N81	C00950	Working

Parties involved:

FROM (Transferor Department): County Court of Law #2

Transferor - Elected Official/Department Head/ Authorized Staff:

Tim L. Wright
Print Name

Signature 2/8/11 Date

Contact Person:

Kevin J. Kracht
Print Name

+1 (512) 943-1410
Phone Number

TO (Transferee Department/Auction/Trade-in/Donee): Auction

Transferee - Elected Official/Department Head/ Authorized Staff OR Donee - Representative: (If being approved for Sale or Trade-in, no signature is necessary.)

Print Name

Signature Date

Contact Person:

Print Name

Phone Number

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Forward to County Auditor's Office

This Change Status was approved as agenda item # _____ in Commissioner's Court on _____

If for Sale, the asset(s) was(were) delivered to warehouse on _____ by _____

FrmAudASCF01 revision 8/24/09

Williamson County

Asset Status Change Form

Print Form

The following asset(s) is(are) considered for: (select one)

- ○ TRANSFER bet ween county departments
- ○ TRADE-IN for new assets of similar type for the county
- ◉ SALE at the earliest auction *
- ○ DONATION to a non-county entity
- ○ DESTRUCTION due to Public Health / Safety

Asset List:

Quantity	Description (year, make, model, etc.)	Manufacturer ID# (serial, service tag, or VIN)	County Tag#	Condition of Assets (Working, Non-Working)
1	Heater for under desk	Heat Runner	na	Non-Working
1	Paper shredder	Champion	na	Non-Working

Parties involved:

FROM (Transferor Department): Parks Department

Transferor - Elected Official/Department Head/ Authorized Staff:

Jim Rodgers
Print Name

Jim Rodgers
Signature

Date

Contact Person:

Benita Bonner
Print Name

+1 (512) 260-4267
Phone Number

TO (Transferee Department/Auction/Trade-in/Donee): Auction

Transferee - Elected Official/Department Head/ Authorized Staff OR Donee - Representative: (If being approved for Sale or Trade-in, no signature is necessary.)

Tony Hill
Print Name

Signature

Date

Contact Person:

Print Name

Phone Number

* If the above asset(s) is (are) listed for sale at auction and no bids are made, the Purchasing Director may dispose of or donate this (these) asset(s). A list of the (these) asset(s) to be donated or disposed of will be sent to the Auditor's Office with a date of donation or disposal.

Forward to County Auditor's Office

This Change Status was approved as agenda item # _____ in Commissioner's Court on _____

If for Sale, the asset(s) was(were) delivered to warehouse on _____ by _____

Racial Profiling Stats
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Theresa Lock, Constable Pct. #3
Submitted For: Theresa Lock
Department: Constable Pct. #3
Agenda Category: Consent

Information

Agenda Item

Submission of yearly racial profiling stats as required by law.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

Link: Racial Profiling Stats 2010

Link: Memo

Form Routing/Status

Form Started By: Theresa Lock Started On: 02/15/2011 09:38 AM

Final Approval Date: 02/16/2011

WILLIAMSON COUNTY CONSTABLE PCT. 3
RACIAL PROFILING STATISTICAL REPORT
01/01/2010 - 12/31/2010

Table 1: Detention Disposition by Race

Disposition	Asian/Pacific Islander	% of Race	% of Disposition	Black	% of Race	% of Disposition
Arrested		0.0%	#DIV/0!		0.0%	#DIV/0!
Released		0.0%	#DIV/0!		0.0%	#DIV/0!
Ticketed	1	50.0%	4.5%	1	16.7%	4.5%
Warned (Written)	1	50.0%	1.3%	5	83.3%	6.5%
	2	100.0%	2.0%	6	100.0%	6.1%
	Total	of Race	of all Detentions	Total	of Race	of all Detentions

Disposition	Hispanic	% of Race	% of Disposition	White	% of Race	% of Disposition
Arrested		0.0%	#VALUE!		0.0%	#DIV/0!
Released		0.0%	#DIV/0!		0.0%	#DIV/0!
Ticketed	3	50.0%	13.6%	17	20.5%	77.3%
Warned (Written)	3	50.0%	3.9%	66	79.5%	85.7%
	6	100.0%	6.1%	83	100.0%	83.8%
	Total	of Race	of all Detentions	Total	of Race	of all Detentions

Disposition	Native American	% of Race	% of Disposition	Middle Eastern	% of Race	% of Disposition
Arrested		#DIV/0!	#DIV/0!		0.0%	#DIV/0!
Released		#DIV/0!	#DIV/0!		0.0%	#DIV/0!
Ticketed		#DIV/0!	0.0%		0.0%	0
Warned (Written)		#DIV/0!	0.0%	2	100.0%	2.6%
	0	#DIV/0!	0.0%	2	100.0%	2.0%
	Total	of Race	of all Detentions	Total	of Race	of all Detentions

Disposition	Total %	Number
Arrested	0.0%	0
Released	0.0%	0
Ticketed	22.2%	22
Warned (Written)	77.8%	77
	100.0%	
	Total	99

OFFICE OF CONSTABLE
Bobby Gutierrez
Williamson County Precinct 3

MEMORANDUM

To: **Williamson County Commissioner's Court**

From: **Bobby Gutierrez, Constable Pct.3**

Date: **02/09/2011**

Subject: **Racial Profiling Report**

In compliance with Texas Code of Criminal Procedures Article(s) 2.133 and 2.134 attached please find a statistical report for Traffic and Pedestrian Stops–Racial Profiling, submitted to the Williamson County Commissioner's Court as the governing body for the Precinct 3 Constable's Office. This report reflects the period of January 1, 2010 to December 31, 2010.

The Texas Commission on Law Enforcement Standards and Education (TCLEOSE) possesses the secured master-reporting format and analyzes spreadsheet. The Williamson County Precinct 3 Constable's Office submitted all of our required data to produce the results in the attached statistical report by TCLEOSE. The data collected is our required documentation of all contacts with the public either by traffic stop or pedestrian stop, whereby individual(s) were detained by probable cause or reasonable suspicion for any alleged offense(s).

The totality of the Precinct 3 detentions reflect the following, 99 detentions, 83.8% were White, 6.1% were Hispanic, 6.1% were Black, 2.0% were Asian/Pacific Islander and 0% were Native American. From this data, I detect no issues or concerns with racial profiling within Precinct 3 Constable's Office.

I welcome any feedback upon your review.

Respectfully Submitted,

Bobby Gutierrez, Constable Precinct 3

Discuss and take action on the Red Poppy Ride to take place on April 16, 2011

Commissioners Court - Regular Session

Date:	02/22/2011
Submitted By:	Terri Countess, Commissioner Pct. #3
Submitted For:	Valerie Covey
Department:	Commissioner Pct. #3
Agenda Category:	Consent

Information

Agenda Item

Discuss and take action on the Red Poppy Ride to take place on April 16, 2011.

Background

This has gone through the road closure process.

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

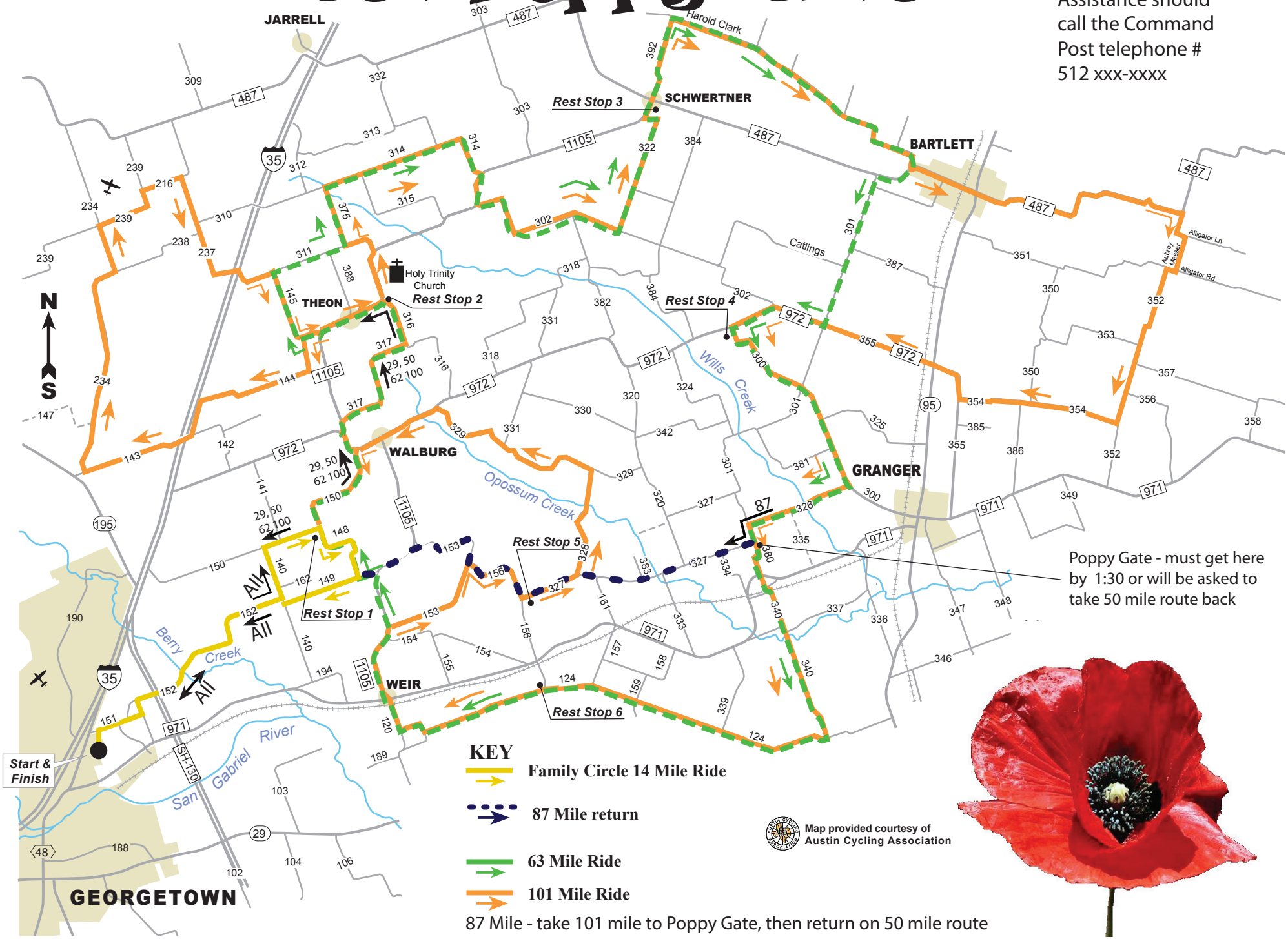
Link: Route Map

Form Routing/Status

Form Started By: Terri Countess	Started On: 02/16/2011 07:47 AM
Final Approval Date: 02/16/2011	

Red Poppy Ride

Riders Needing Assistance should call the Command Post telephone # 512 xxx-xxxx



Red Poppy Ride

14 Mile

0.2	0.2	Right on CR 151
0.9	1.1	Left on CR 152
3.4	4.5	Left on CR 140
0.9	5.4	Right on CR 150
0.9	6.3	**Rest Stop 1 (CR148/CR150)**
	6.3	Right on CR 148
1.5	7.7	Right on CR 149
1.2	9.0	Right on CR 140
0.1	9.0	Left on CR 152
3.4	12.4	Right on CR 151
0.9	13.3	Left on School Access Rd
0.4	13.7	**Georgetown School**

63 Mile

0.2	0.2	Right on CR 151
0.9	1.1	Left on CR 152
3.4	4.5	Left on CR 140
0.9	5.4	Right on CR 150
0.9	6.3	**Rest Stop 1 (CR148/CR150)**
	6.3	Left on CR 150
1.8	8.1	Left on FM 972/FM 1105
0.4	8.5	Right on FM 1105
0.2	8.6	Right on CR 317
2.0	10.6	Left on CR 316
0.8	11.4	Straight on CR 316
0.2	11.6	**Rest Stop 2 (CR 316/FM 1105)**
	11.6	Left on FM 1105
0.9	12.5	Right on CR 145
1.7	14.2	Right on CR 311
1.3	15.5	Left on CR375
1.0	16.5	Right on CR 314
3.1	19.6	Right on FM 1105
0.4	20.0	Left on CR 302
2.6	22.6	Left on CR 322
2.2	24.8	Right on FM 1105
0.3	25.1	**Rest Stop 3 (FM1105/FM487)**
	25.1	Cross FM 487 on Schwertner Rd (Main St or CR 322)
0.1	25.2	Left to say on Schwertner Rd
1.4	26.6	Right at T on Harold Clark Rd
5.0	31.6	Straight on FM 487
0.7	32.3	Left on CR 301
2.6	34.9	Right on FM 972
1.6	36.5	Left on CR 300
	36.5	**Rest Stop 4 (FM 972/CR 300)**
3.3	39.8	Right on CR 326
1.8	41.6	Left on CR 327

POPPY GATE - Must get here by 1:30 OR will be asked to return on the 50 mile route

0.3	41.9	Straight on CR 380
0.9	42.8	Cross FM 971-road becomes CR 340
2.6	45.4	Right on CR 124
4.7	50.1	**Rest Stop 6 (CR 124/ CR 156)**
	50.1	Straight on CR 124
2.0	52.1	At T - Right to stay on CR 124
0.5	52.6	Right on CR 120
0.6	53.1	Cross FM 971-road become FM 1105
2.2	55.3	Left on CR 149
0.3	55.6	Right on CR 148
1.5	57.1	**Rest Stop 1 (CR148/CR150)**
	57.1	Left on CR 150
0.9	58.0	Left on CR 140
0.9	58.9	Right on CR 152
3.4	62.3	Right on CR 151
0.9	63.2	Left on School Access Rd
0.1	63.3	**Georgetown School**

28 Mile

0.1	0.1	Right on CR 151
1.0	1.1	Left on CR 152
3.4	4.5	Left on CR 140
0.9	5.4	Right on CR 150
0.9	6.3	**Rest Stop 1(CR148/CR150)**
	6.3	Left on CR 150
1.8	8.1	Left on FM 972/FM 1105
0.4	8.5	Right on FM 1105
0.2	8.6	Right on CR 317
2.0	10.6	Left on CR 316
0.8	11.4	Straight on CR 316
0.1	11.5	**Rest Stop 2 (CR 316/FM 1105)**
	11.5	Left on FM 1105
0.9	12.5	Right on CR 145
1.7	14.2	Right on CR 311
1.9	16.1	Right on FM 1105
0.7	16.8	Left on CR 316
0.1	16.9	**Rest Stop 2 (CR 316/FM 1105)**
	16.9	Left on CR 316
0.8	17.7	Right on CR 317
2.0	19.7	Left on FM 1105
0.2	19.8	Left on FM 1105/FM972
0.4	20.3	Right on CR 150
1.8	22.1	**Rest Stop 1 (CR148/CR150)**
	22.1	Right on CR 150
0.9	22.9	Left on CR 140
0.9	23.8	Right on CR 152
3.4	27.2	Right on CR 151
0.9	28.1	Left on School Access Rd
0.1	28.2	**Georgetown School**

50 Mile

0.1	0.1	Right on CR 151
1.0	1.1	Left on CR 152
3.4	4.5	Left on CR 140
0.9	5.4	Right on CR 150
0.9	6.3	**Rest Stop 1 (CR148/CR150)**
	6.3	Left on CR 150
1.8	8.1	Left on FM 972/FM 1105
0.4	8.5	Right on FM 1105
0.2	8.6	Right on CR 317
2.0	10.6	Left on CR 316
0.8	11.4	Straight on CR 316
0.1	11.5	**Rest Stop 2 (CR 316/FM 1105)**
	11.5	Left on FM 1105
1.1	12.6	Right on CR 145
1.6	14.2	Right on CR 311
1.4	15.6	Left on CR375
1.0	16.6	Right on CR 314
3.1	19.7	Right on FM 1105
0.4	20.1	Left on CR 302
7.1	27.2	Right on FM 972
0.8	28.1	Left on CR 300
	28.1	**Rest Stop 4 (FM 972/CR 300)**
3.3	31.4	Right on CR 326
1.7	33.1	Left on CR 327
0.3	33.4	Right on CR 327
3.9	37.3	**Rest Stop 5 (CR 327/CR 156)**
2.1	39.4	Right on CR 156
1.4	40.8	Right on CR 153
1.4	42.2	Left on FM 1105
0.8	42.9	Right on CR 149
0.3	43.3	Right on CR 148
1.5	44.7	**Rest Stop 1 (CR148/CR150)**
	44.7	Left on CR 150
0.9	45.6	Left on CR 140
0.9	46.5	Right on CR 152
3.4	49.9	Right on CR 151
0.9	50.8	Left on School Access Rd
0.1	50.9	**Georgetown School**

87 Mile route return on 50 Mile Route & you must get here by 1:30 or will be asked to return this way

101 Mile

Everyone takes a common route to the Rest Stop 2

		Rest Stop 2 (CR 316/FM 1105)
	11.5	Left on FM 1105
1.1	12.6	Right on CR 145
0.5	13.1	Left on CR 144
1.8	14.9	Left on I35 Access Road
0.9	15.8	Right on CR 143 (cross bridge)
1.9	17.7	Right on CR 234
4.3	22.0	Right on CR 239
1.1	23.1	Right on CR 216
0.7	23.8	Right on CR 237
2.1	25.9	Cross IH 35 & continue straight
0.2	26.1	Continue on CR 311
0.3	26.4	Right on CR 145
1.7	28.1	Left on FM 1105
0.9	29.0	**Rest Stop 2 - Right on CR 216**
	29.0	Left on CR 316 Spur
0.1	29.1	Right on FM 1105
0.8	29.9	Left on CR 311
0.7	30.6	Right on CR 375
1.0	31.6	Right on CR 314
3.1	34.7	Right on FM 1105
0.4	35.1	Left on CR 302
2.6	37.7	Left on CR 322
2.2	39.9	Right on FM 1105
0.3	40.2	**Rest Stop 3 (FM1105/FM487)**
	40.2	Cross FM 487 on Schwertner Rd (Main St or CR 322)
0.1	40.3	Left to say on Schwertner Rd
1.4	41.7	Right at T on Harold Clark Rd
5.0	46.7	Left at Stop on FM 487/Clark Street
1.2	47.9	Cross US 95 & continue on FM 487
3.8	51.7	Right on Aubrey Messer Rd
1.1	52.8	Right at T on Alligator Rd
0.2	53.0	Left at T on CR 352
2.7	55.7	Right on CR 354
2.6	58.3	Right on CR 355 (Alligator Rd)
0.9	59.2	Cross US 95 & continue on FM 971
3.5	62.7	Left on CR 300
	62.7	**Rest Stop 4 (FM 972/CR 300)**
3.3	66.0	Right on CR 326
1.9	67.9	Left on CR 327
0.3	68.2	Straight on CR 380
0.9	69.1	Cross FM 971-road becomes CR 340
2.6	71.7	Right on CR 124
4.8	76.5	**Rest Stop 6 (CR 124/ CR 156)**
	76.5	Straight on CR 124
2.0	78.5	At T - Right to stay on CR 124
0.5	79.0	Right on CR 120
0.6	79.6	Cross FM 971-road become FM 1105
1.3	80.9	Right on CR 153
1.8	82.7	Right on CR 156
1.4	84.1	Left on CR 327
2.7	86.8	**Rest Stop 5 (CR 327/CR 156)**
	86.8	Straight on CR 327
1.7	88.5	Left on CR 328
0.9	89.4	Left on CR 329
4.1	93.5	Left at stop on FM 972
	93.5	Left on CR 150
1.8	95.3	**Rest Stop 1 (CR148/CR150)**
	95.3	Right on CR 150
0.9	96.2	Left on CR 140
0.9	97.0	Right on CR 152
3.4	100.4	Right on CR 151
0.9	101.3	Left on School Access Rd
0.1	101.4	**Georgetown School**

Vivian L Wood CIO Training Certificate 2010
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Celia Villarreal, County Treasurer
Submitted For: Vivian Wood
Department: County Treasurer
Agenda Category: Consent

Information

Agenda Item

Acknowledge and enter into the official minutes of the Commissioners Court the 2010 Certification of Compliance for County Investment Officer Vivian L. Wood, CIO, Treasurer.

Background

This is the annual certification for the Certified Investment Officer designation by the Texas Association of Counties indicating the County Treasurer Vivian L. Wood has met the required continuing educational requirements as set forth by the Texas Association of Counties County Investment Officer Program.

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

Link: 2010 CIO Certificate for Vivian L Wood

Form Routing/Status

Form Started By: Celia Villarreal — Started On: 02/14/2011 01:04 PM

Final Approval Date: 02/15/2011

TEXAS ASSOCIATION OF COUNTIES

2010 Certification of Compliance

County Investment Officer

Honorable Vivian L. Wood, CIO

Successfully completed investment education that satisfies Section 2256.008 of the Texas Public Funds Investment Act and demonstrates a thorough understanding of Texas laws governing the investment of public funds. This ongoing commitment to continuing education provides maximum benefit to

Williamson County

Issued by the Texas Association of Counties the thirty-first day of December, 2010
Expires the thirty-first day of December, 2011

Vernon Cook, President

Gene Terry, Executive Director

Kathy Kohutek Dec 2010 CIO Certificate
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Celia Villarreal, County Treasurer
Submitted For: Vivian Wood
Department: County Treasurer
Agenda Category: Consent

Information

Agenda Item

Acknowledge and enter into the official minutes of the Commissioners Court the 2010 Certification of Compliance for County Investment Officer Kathy Kohutek, First Assistant Treasurer.

Background

This is the annual certification for the Certified Investment Officer designation by the Texas Association of Counties indicating the First Assistant Treasurer Kathy Kohutek has met the required continuing education requirements as set forth by the Texas Association of Counties County Investment Officer Program.

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

Link: CIO Certificate Kathy Kohutek December 2010

Form Routing/Status

Form Started By: Celia Villarreal	Started On: 02/14/2011 01:40 PM
Final Approval Date: 02/15/2011	

TEXAS ASSOCIATION OF COUNTIES

2010 Certification of Compliance

County Investment Officer

Ms. Kathy Kohutek, CIO

Successfully completed investment education that satisfies Section 2256.008 of the Texas Public Funds Investment Act and demonstrates a thorough understanding of Texas laws governing the investment of public funds. This ongoing commitment to continuing education provides maximum benefit to

Williamson County

Issued by the Texas Association of Counties the thirty-first day of December, 2010
Expires the thirty-first day of December, 2011

Vernon Cook, President

Gene Terry, Executive Director

Treasurers Report on the Williamson County Finances January 2011
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Celia Villarreal, County Treasurer
Submitted For: Vivian Wood
Department: County Treasurer
Agenda Category: Consent

Information

Agenda Item

Consider approving the Treasurer's Report on the Williamson County Finances for January 2011.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

Link: Treasurers Report for January 2011

Form Routing/Status

Form Started By: Celia Villarreal	Started On: 02/15/2011 01:22 PM
Final Approval Date: 02/16/2011	

TREASURER'S REPORT ON THE WILLIAMSON COUNTY FINANCES

IN THE MATTER OF COUNTY FINANCES
IN THE HANDS OF VIVIAN L. WOOD
TREASURER OF WILLIAMSON COUNTY, TEXAS

COMMISSIONERS' COURT
WILLIAMSON COUNTY, TEXAS
IN REGULAR SESSION
JANUARY TERM 2011

IN ACCORDANCE with Section 114.026, Local Government Code, we the undersigned, constituting the entire Commissioners Court of said County, certify that on the _____day of _____, 2011, at the Regular term of Court, we compared and examined the monthly report of VIVIAN L. WOOD, Treasurer of Williamson County, Texas, for **JANUARY 2011**, and finding the same correct, entered an order in the Minutes approving said Report, which states total cash and other assets on hand as $362,927,363.41.

_____
Dan A. Gattis, County Judge

_____
Lisa Birkman, Commissioner Pct. 1

_____
Cynthia Long, Commissioner Pct. 2

_____
Valerie Covey, Commissioner Pct .3

_____
Ron Morrison, Commissioner Pct .4

SWORN TO AND SUBSCRIBED BEFORE ME, by Dan A. Gattis, County Judge, and County Commissioners of said Williamson County, each respectively, on this the _____day _____, A.D., 2011.

_____
Attest: Nancy E. Rister, County Clerk
Clerk of the Commissioners Court in and for
Williamson County, Texas

_____
By: Deputy

AGENDA DATE _____ AGENDA NUMBER _____

LONG TERM INVESTMENT SECURITIES BALANCE

Account Name		Balance January 31, 2011
GENERAL FUND	$	14,999,800.00
TOBACCO FUNDS	$	3,200,000.00
CO RECORDS ARCHIVE	$	1,300,000.00
DEBT SERVICE	$	9,994,375.00
ROAD & BRIDGE	$	8,494,375.00
CAPITAL PROJECTS FUND	$	37,011,131.94
TOTAL	**$**	**74,999,681.94**

WILLIAMSON COUNTY
TEXPOOL, TEXPOOL PRIME, TEXSTAR ACCOUNTS

ACCOUNT NAME	TEXPOOL BALANCE 1/31/2011	TEXPOOL PRIME BALANCE 1/31/2011	TEXSTAR BALANCE 1/31/2011	GRAND TOTAL
COURTHOUSE SECURITY	77,589.99			77,589.99
COUNTY RMP	846,972.10			846,972.10
GENERAL FUND	37,462.78	62,825,903.99		62,863,366.77
LIBRARY FUND	604,397.02			604,397.02
COURT REPORTER SVC	685,451.20			685,451.20
TOBACCO FUNDS	8,400.31	561,975.43		570,375.74
KARST	1,653,596.04			1,653,596.04
CO RECORD ARCHIVE	406,446.31			406,446.31
TCEQ AIR CHECK GRANT	1,222,352.95			1,222,352.95
ROAD AND BRIDGE	24,436.17	10,637,451.86		10,661,888.03
TOTAL CO'S & BOND	24,395,834.56	86,120,075.20	2,043,353.04	112,559,262.80
DEBT SERVICE	484,470.17	52,141,078.17		52,625,548.34
BENEFITS	13,141.42	365,749.94		378,891.36
2008 TAN	97,251.71	4,552,269.52		4,649,521.23
*RESTRICTED FUNDS	1,680,091.29			1,680,091.29
TOTALS	**$ 32,237,894.02**	**$ 217,204,504.11**	**$ 2,043,353.04**	**$ 251,485,751.17**

*Includes Child Safety, Records Mgmt/Prsrv Fund County Clerk, Alternate Dispute Resolution Fund, Justice Court Technology

SUMMARY OF THE RECONCILIATION OF BANK ACCOUNTS

Account Name		Bank Balance Per Bank Reconcilation January 31, 2011
GENERAL FUND	$	35,279,201.16
PAYROLL	$	1,099,949.05
CSCD TREASURER	$	62,780.09
TOTAL	**$**	**36,441,930.30**

Bank Statement Reconcilation Report
Ending January 31, 2011
GENERAL FUND ACCOUNT

BALANCE PER BANK	$	36,238,992.10
ADD:		
OUTSTANDING DEPOSITS	$	0.00
SUBTRACT:		
OUTSTANDING CHECKS	$	(959,620.94)
CREDIT CARD REFUND		(170.00)
RECONCILED BANK BALANCE	**$**	**35,279,201.16**
STATEMENT OF RECEIPTS & DISBURSEMENTS ACCOUNT TOTAL	$	31,372,984.68
ADD:		
DEPOSITS MADE BUT NOT RECOGNIZED AS REVENUE UNTIL FEBRUARY 2011	$	3,892,534.28
SUBTRACT:		
INSUFFICIENT FUNDS CHECK	$	(1,120.75)
BANK INTEREST 0.44%	$	14,802.95
RECONCILED BOOK BALANCE	**$**	**35,279,201.16**
TOTAL DIFFERENCE IN BOOK FROM THE BANK	$	0.00

NOTES:

Bank Statement Reconcilation Report
Ending January 31, 2011
PAYROLL FUND ACCOUNT

BALANCE PER BANK	$	1,151,645.37
ADD:		
OUTSTANDING DEPOSITS	$	0.00
SUBTRACT:		
PAYROLL OUTSTANDING CHECKS	$	(13,116.72)
ESCROW OUTSTANDING CHECKS	$	(38,579.60)
ADJUSTMENTS:		
	$	0.00
RECONCILED BANK BALANCE	**$**	**1,099,949.05**
BOOK BALANCE	$	1,099,861.39
ADD:		
OUTSTANDING DEPOSITS	$	0.00
BANK INTEREST EARNED $747.11 at 0.44% (Payroll interest is *NOT* considered revenue by the Auditors.)		
ADJUSTMENTS:		
AMOUNT POSTED IN JANUARY 2011 BUT PAID OUT IN FEBRUARY 2011	$	87.66
RECONCILED BOOK BALANCE	**$**	**1,099,949.05**
TOTAL DIFFERENCE IN BOOK FROM THE BANK	$	(0.00)

NOTES:

Bank Statement Reconcilation Report
Ending January 31, 2011
CSCD ACCOUNT

BALANCE PER BANK	$	89,713.02
ADD:		
OUTSTANDING DEPOSITS	$	0.00
SUBTRACT:		
OUTSTANDING CHECKS	$	(26,932.93)
RECONCILED BANK BALANCE	**$**	**62,780.09**
STATEMENT OF RECEIPTS & DISBURSEMENTS ACCOUNT TOTAL	$	62,735.60
ADD:		
OUTSTANDING DEPOSIT	$	0.00
SUBTRACT:		
	$	0.00
BANK INTEREST 0.440%	$	44.49
RECONCILED BOOK BALANCE	**$**	**62,780.09**
TOTAL DIFFERENCE IN BOOK FROM THE BANK	$	(0.00)

NOTES:

GENERAL FUND TOTAL REVENUES

Account Name	TOTAL January 2011
TOTAL TAXES	$ 23,993,277.79
TOTAL FEES OF OFFICE	$ 666,341.97
TOTAL FINES AND FORFEITURES	$ 324,141.22
TOTAL CHARGES FOR SERVICES	$ 1,056,273.84
TOTAL INTERGOVERNMENTAL	$ 383,029.02
TOTAL INVESTMENT INCOME/OTHER	$ 76,978.79
TOTAL REVENUES	**$ 26,500,042.63**

SOURCE: WILLIAMSON COUNTY AUDITOR INTERNAL MONTHLY FINANCIAL REPORT

GENERAL FUND TOTAL EXPENSES

Account Name		TOTAL January 2011
TOTAL GENERAL GOVERNMENT	$	1,298,489.96
TOTAL PUBLIC SAFETY	$	4,732,826.80
TOTAL JUDICIAL	$	1,303,492.83
TOTAL COMMUNITY SERVICES	$	906,963.80
TOTAL EXPENDITURES	**$**	**8,241,773.39**

SOURCE: WILLIAMSON COUNTY AUDITOR INTERNAL MONTHLY FINANCIAL REPORT

Preliminary plat approval for Fox Den Addition #3
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Nickey Lawrence, Unified Road System
Submitted For: Joe England
Department: Unified Road System
Agenda Category: Consent

Information

Agenda Item

Discuss and consider preliminary plat approval for Fox Den Addition #3, Pct. 3.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

Link: Projects Fox Den Acres Addition #3

Form Routing/Status

Form Started By: Nickey Lawrence
Started On: 02/03/2011 11:17 AM
Final Approval Date: 02/16/2011

PRELIMINARY PLAT
FOX DEN ACRES ADDITION # 3

6.66 AC. IN 3 LOTS

LOTS 4 & 5 : part of H. E. ARLDT 10 ac. 1937/415 (less 1.26 AC. Doc. 2010049268)
LOT 6 : TIMOTHY G. KNIPPA et. ux. 1.26 AC. DOC. 2010049268
SITUATED IN THE W.J. BYBEE SURVEY A-91
IN WILLIAMSON COUNTY, TEXAS

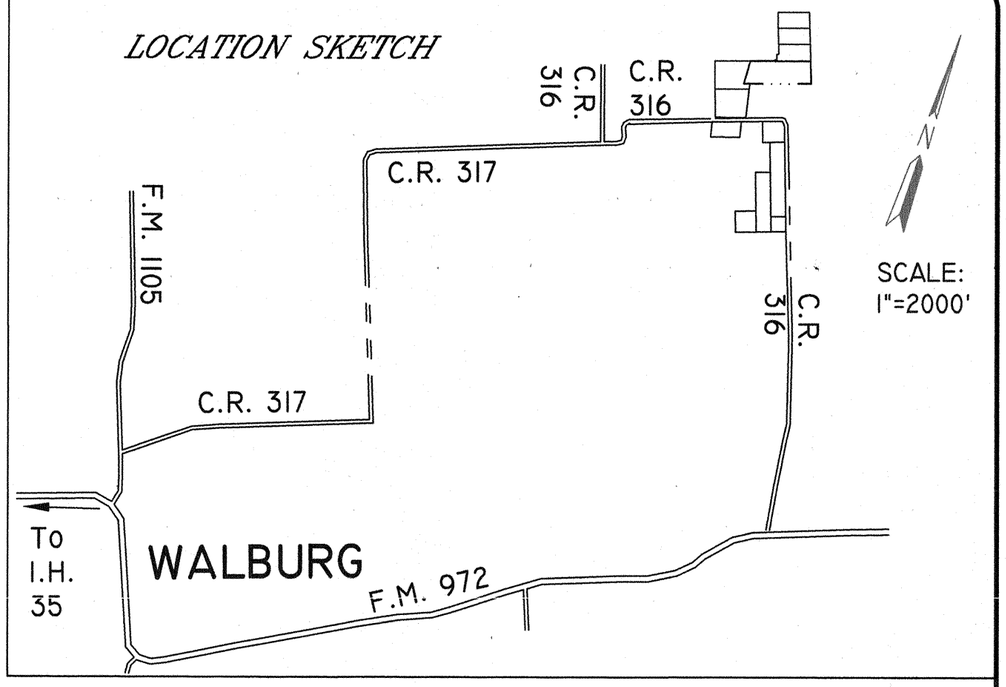
ON FREEDOM DRIVE - A STREET IN FOX DEN ACRES CAB. I, SL. 41 P/R AND FOX DEN ACRES ADDITION #2 IN CAB. CC, SLIDE 398

SCALE: 1"=100'

Note:

The bearing basis for this survey is the state Plane Coordinate System Grid North, Texas Central Zone NGS control point AH5794 (ET Theon) Datum: Geoid03 NAVD88, NAD83 CONVERGENCE: 1.41931224 Combined scale factor: 0.99985418

LOCATION SKETCH



CURVE TABLE						
CURVE	DELTA	RADIUS	LENGTH	TANGENT	CHORD	CHORD BEARING
C1	81°38'02"	50.00	71.24	43.18	65.36	N58°02'10"W
C2	35°34'34"	50.00	31.05	16.04	30.55	S63°21'31"W
C3	64°34'21"	50.00	56.35	31.59	53.41	S13°17'04"W
C4	67°49'38"	70.01	82.88	47.07	78.12	N51°07'58"W

LINE TABLE		
LINE	LENGTH	BEARING
L1	75.00	N71°01'26"E
L2	71.81	S20°47'08"E
L3	81.70	S20°47'08"E
L4	141.48	N70°27'53"W
L5	160.68	S70°27'53"E
L6	85.52	N20°47'08"W
L7	22.47	N60°24'10"W
L8	69.91	N56°41'57"E
L9	49.74	S56°41'57"W
L10	154.07	N20°47'08"W
L11	12.78	N69°09'30"E
L12	13.80	S20°50'30"E
L13	7.20	N69°09'30"E
L14	11.54	S25°41'38"W
L15	113.61	N19°18'00"W
L16	98.13	N19°18'00"W
L17	31.11	N59°18'48"W
L18	26.56	S59°18'48"E
L19	128.83	S59°18'48"E
L20	200.02	S59°18'48"E
L21	21.35	S69°09'30"W
L22	61.75	N41°21'11"W
L23	67.97	N70°28'52"W
L24	26.19	N20°42'08"W
L25	14.40	N20°42'08"W
L26	89.69	S71°03'21"W
L27	90.08	S70°28'52"E
L28	74.43	S41°21'11"E
L29	48.30	N19°08'07"W
L30	177.42	N19°18'00"W
L31	47.69	N19°08'07"W
L32	201.13	N19°18'00"W
L37	19.81	N20°53'01"W
L38	30.00	S71°02'18"W
L39	75.20	S20°52'18"E

GENERAL NOTES:

1. TOTAL ACRES: 6.66 AC.
2. NUMBER OF LOTS: 3
3. NUMBER OF BLOCKS: 1
4. THIS SUBDIVISION IS WITHIN THE JURISDICTION OF WILLIAMSON CO., TX.
5. THIS PROPERTY IS NOT LOCATED IN THE EDWARDS AQUIFER RECHARGE ZONE.
6. WATER SERVICE WILL BE PROVIDED BY JONAH WATER S.U.D. WASTEWATER SERVICE WILL BE PROVIDED BY APPROVED PRIVATE SEWAGE FACILITIES. ELECTRIC SERVICE WILL BE PROVIDED BY BARTLETT ELECTRIC COOPERATIVE
7. THERE ARE NO NEW STREETS WITHIN THIS SUBDIVISION
8. VISIBLE EVIDENCE OF UTILITIES IS SHOWN HEREON. APPLICABLE RECORD EASEMENTS AS IDENTIFIED BY AN OWNER TITLE POLICY EXIST AS FOLLOWS;
   A. GENERAL TYPE WATER LINE EASEMENT TO JONAH WATER SUPPLY CORP. 785/524 (15' WIDE CENTERED ON PIPELINE AS CONSTRUCTED)
   B. GENERAL TYPE ELECTRIC LINE EASEMENT TO BARTLETT ELECTRIC COOP. INC. DOC. 199933499 (20' WIDE CENTERED ON POWER LINES ETC.)

LEGEND

IRON PIN FOUND ●
CORNER NOT FOUND, REPLACED WITH 1/2" IRON PIN o
IRON PIN SET o
RECORD CALLS (BEARING / DISTANCE)
DATA THIS SURVEY BEARING/ DISTANCE
All document references are in Williamson Co.
WATERLINE EXISTING (APPROXIMATE SITE) —— —— —W—
OVERHEAD POWER LINE VISIBLE —— —— —E—
Gravel drive

LOT 5 BLK. 2 OF FOX DEN ACRES ADDITION # 2 CAB. CC, SL. 398

LOT 1 1455/403 — H.E. ARLDT, 100 FREEDOM DRIVE, GEORGETOWN, TX. 78626

SEE PARTIAL CANCELLATION OF ROADWAY FOR FREEDOM DRIVE COMMISSIONERS' COURT MINUTES 2/08/2005 AGENDA ITEM 12 10' STRIP CANCELLED 0.21 AC. IN ROADWAY RIGHT-OF-WAY PER FORMER PLAT 1/41 P/R

FOX DEN ACRES CAB. I, SL. 41

LOT 2 — DOC. 2002029115, SHIRLEY A. & JAMES E. KNIGHT, P.O.BOX 515, WALBURG, TEXAS 78673

H.E. ARLDT 2605/321 2001088640 13.12 AC.

H.E. ARLDT, 100 FREEDOM DRIVE, GEORGETOWN, TX. 78626

BRIAN D. ARLDT, # 195 FREEDOM DRIVE, GEORGETOWN, Tx. 78626

BRIAN D. ARLDT Doc. 2005014376 6.73 ACRES + 0.40 ACRES = 7.13 ACRES

RECORD EASEMENT LINE

0.40 AC. IN EXISTING EASEMENT 2005014376 (30' PART OF BRIAN ARLDT 7.13 AC.)

0.46 AC. IN EXISTING EASEMENT 2005014376 FORMERLY 0.42 AC. (30' PART OF 7.18 AC. PART OF H.E. ARLDT TRACT & VACATED LOT 3) & PART OF LOT 5 BLK. 2 CC/398

FORMERLY LOT 3 Vacated lot AGENDA ITEM 12 COMMISSIONERS' COURT MINUTES 2/08/2005

H.E. ARLDT, 100 FREEDOM DRIVE, GEORGETOWN, TX. 78626

7.13 AC. in reserve not in plat

FORMERLY 20.90 AC. 1403/712 S.W. TEINERT & H.E. ARLDT ET. UX. 1/2 UND. INTEREST LOT 3 S.W. TEINERT TO H.E. ARLDT ET. UX. 1745/976

DOC. 2001088639 AFFADAVIT OF HEIRSHIP HEIRS OF SALLY A.M. ARLDT

NON-EXCLUSIVE CUL-DE-SAC EASEMENT SEE RESERVATION Doc. 2005014376 0.20 AC. +0.40 AC. +0.42 AC. 1.02 AC. TOTAL

.2 AC. IN CUL-DE-SAC

0.32 AC. IN 20' WIDE WATERLINE EASEMENT

FORMER W. LINE LOT 3

N20°31'05"W 586.42'

S 20°31'05" E 571.65'

136.56

(685.61' 20.9 AC. 1403/712)

(947.06')

(561.14')

30' EASEMENT OF R.W. ZUROVETZ 1188/541

A. WILLETT SUR. A-750

W.J. BYBEE SURVEY A-91

NEWER WIRE FENCE E. OF ROCK & WIRE FENCE

FREEDOM DR. 60' R.O.W. PER PLAT (not accepted for Co. Maintenance)

(now 50' per record)

NAIL FOUND IN ROAD BASE E. OF PAVEMENT

N 71°03'21" E 851.88' (N 71°41'18" E 851.68')

478.41' TO EASEMENT 503.41' IN RESERVE

348.47'

228.47' IN ALL

409.89

98.45

(UPPER S. LINE OF 20.9 AC. 1403/712 1360.69') (S71°40'W 508.47' 1745/976 & 1/41)

N71°02'18"E 508.34' IN ALL

S18°56'39"E 38.0'

30.0' 30.00 25.00'

20.0' 20' WATER LINE EASEMENT

(30.0') C2 C1 C4 L39 L38 L37 L29 L31 L32 L30 L20 L17 L15 L16 L19

(N18°19'20"E 48.29')

25' 25' C=N25°31'31"E 35.62' R=25 A=39.65'

EASEMENT FOR GRAVEL & DITCH ENCROACHMENT DEDICATED BY THIS PLAT FEE SIMPLE RIGHTS RESERVED TO H.E. ARLDT

(25' BUILDING SETBACK PER COUNTY CODE)

S71°40'W 1360.69')

90.00' L26 25' 24'

BARN 36' x 36'

L27 ELECTRIC EASEMENT

EXISTING SEPTIC IMPROVEMENTS PRIVATE SEWAGE FACILITY DRAIN FIELD SEPTIC TANK

20' ELECTRIC EASEMENT

TWO STORY WOOD FRAME RESIDENCE

PROPANE TANK

RESIDENCE UNDER CONSTRUCTION

T.G. KNIPPA ET. UX. RESIDENCE

L22 L23 L24 L25 L28

42.50'

S 32°20'20" E 164.32

N03°27'58"W 331.96' 165.98

WATER LINE EASEMENT (20' WIDE)

L8 L7 L9 L5 L4 L6 L10

328.64'

20' ELECTRIC EASEMENT

4.19 AC. in reserve not in plat

HOMESTEAD IMPROVEMENTS OF H.E. ARLDT NOT LOCATED

H.E. ARLDT 100 FREEDOM DRIVE GEORGETOWN, TX. 78626

LOT 6 1.26 AC.

LOT 5 2.24 AC.

LOT 4 3.15 AC.

W.J. BYBEE SURVEY A-91

N 59°18'48" W 386.51' IN ALL

L18 L17 L15 L16 L19

H.E. ARLDT 10 AC.

1937/415

(S 73°30' W 1367.57')

BLOCK 1 6.66 AC.

20' PUBLIC UTILITY EASEMENT

82.83 300.00

DOC. 2001088639 AFFADAVIT OF HEIRSHIP HEIRS OF SALLY A.M. ARLDT

Gravel drive

(492.02)

S71°01'27"W 82.00'

S12°22'04"E 74.88'

173.00 L1 402.68 IN ALL S71°01'26"W 875.68'

N. LINE OF 15.01 AC. 9536313

(N71°40'10"E 875.55')

PART OF 15.01 AC. DOC. 9536313 DOC. 2006026255 10.00 AC. GREG & ANN MARIE WOODARD 1200 CO.RD. 316 GEORGETOWN, TEXAS 78626

P.O.B. OF BLOCK 1

(518.84')

ALBIN E. ZUROVETZ ET. UX. 758/450 100.34 AC. (PART)

IPF 4' E. OF CEDAR POST IN REMAINS OF OLD ROCK & WIRE FENCE THAT EXISTS W. OF NEWER WIRE FENCE

S 21°05'47" E 319.69'

20' P.U.E. (S 20°28'01"E 319.90')

ZUROVETZ 30' EASEMENT 758/450

ALBIN E. ZUROVETZ ET. UX. 1050 Co. Rd. 316 GEORGETOWN, TX. 78626

(S 18°15'01" E) (488.50')

H.E. ARLDT RESERVE OF 15.01 AC. 9536313

S70°57'08"W 482.03'

15.01 AC. H.E. ARLDT DOC. 9536313

239.5'

LOT 8 2.09 ac.

KENNETH MATLOCK ET. UX. # 50 FREEDOM DRIVE GEORGETOWN, TEXAS 78626 Doc. 2007016760

FOX DEN AC. ADDITION # 2 CC/398 BLOCK 1

LOT 9 2.078 ac.

MIKE LINEBRINK ET. UX. # 20 FREEDOM DRIVE GEORGETOWN, TEXAS 78626 Doc. 2007101103

EXISTING WATERLINE

MAILBOX CLUSTER EXISTING

FREEDOM DR.

(N19°09'30"W 1193.96' PER PLAT 1/41 466.12')

(N17°19'30"W 466.28' 9536313)

(PRIOR SURVEY N 19°09'30" W 466.12')

E. HAVELKA FAMILY TRUST 2655/820, 2004068304 P.O.BOX 94 WALBURG, TEXAS 78674-0094

(N19°54'33"W (75.06')

75.06'

295.05' TO EASEMENT

(N 17°19'30"W 319.09' 1937/415)

N19°46'51"W 320.05'

48.5' (S74°13'03"W 50.45') (TBM) El=843.57 226.08') COUNTY RD. 316

0°17'47.7"E 1030.74') RECORD TO SURVEY CORNER

H. L. JACKSON SURVEY A-362

PERIMETER DESCRIPTION

BEING 6.66 ac. of the W.J. Bybee Survey, Abstract No. 91, in Williamson County, Texas. This property is part of the 10 acre property which is described in a deed to H.E. Arldt, et. ux., of record in Vol. 1937, Pg. 415, Official Records of Williamson County, Texas (ORWCT). The bearing basis for this survey is the State Plane Coordinant System Grid North, Texas Central Zone. This property was surveyed on the ground under the supervision of Wm. F. Forest Jr., R.P.L.S. No. 1847, in October of 2010.

Beginning at an iron pin which was found at the Southeast corner of the said 10 acre tract that was conveyed to Arldt (1937/415); at the Northeast corner of a 10.00 acre property that was conveyed to Greg and Ann Marie Woodard (Doc. 2006026255 ORWCT). This corner exists in the West boundary of the property of Albin E. Zurovetz, et. ux. (758/450), and stands about N 15°33'41" E 582.64 feet from the Northeast corner of the H. L. Jackson Survey, A-362, and the lower Northwest corner of the A. Willett Survey, A-750. Said survey corner exist in the South line of the W.J. Bybee Survey, according to record information. This corner exists in the remains of an old rock and wire fence that exists Westerly from a newer wire fence.

THENCE with the North line of the Woodard tract, S 71°01'26" W 875.68 feet to an iron pin which was found at the Northeast corner of a reserve parcel of the 15.01 acre property that was conveyed to H.E. Arldt (Doc. 9536313, ORWCT); continuing with the North line of the Arldt 15.01 acre tract, and the south line of the Arldt 10 acre tract, S 71°01'27" W 82.00 feet to an iron pin which was found.

THENCE with the East line of a 4.19 acre property of H. E. Arldt which is reserved from this plat, N 03°24'58"W at 165.98 feet pass an iron pin found, continuing in all 331.96 feet to an iron pin which was found in the South line of Freedom Drive (formerly dedicated by plat of Fox Den acres, Cab. I, Sl. 41, Plat Records).

THENCE with the South line of Freedom Drive and the North line of the Arldt 10 acre tract, N 71°03'21"E 348.47 feet to an iron pin which was found in the upper South line of the 20.9 ac. tract of H. E. Arldt, et. ux. (1403/712). This corner exists at the Southwest corner of a 1.02 acre easement reservation (non-exclusive easement Doc. 2005014376 ORWCT).

THENCE continuing with the North line of the Arldt 10 ac. tract and the South line of the property of H.E. Arldt as set out in the record (20.9 ac. 1403/712, and Lot 3 1745/976); with the South line of a 2.31 ac. property that was surveyed this date as a reserve of the Arldt property, N 71°02'18"E at 98.45 feet pass an iron pin which was found at the Southeast corner of the said easement, continuing in all 508.34 feet to an iron pin which was found 4 feet Easterly from a cedar post, in the remains of an old rock and wire fence that exists Westerly from a newer wire fence.

THENCE with the lower West line of the 100.34 acre tract of A.E. Zurovetz, et. ux. (758/450), and with the lower West line of the Zurovetz easement, S 21°05'47"E 319.69 feet to the POINT OF BEGINNING.

N15°33'41"E 582.64' +- CALCULATED PER RECORD

SURVEY COR.

A. WILLETT SUR. A-750

FOREST SURVEYING AND MAPPING COMPANY
1002 ASH STREET
GEORGETOWN, TEXAS
512-930-5927

SDSK/ARLDTTOPO/Fox Den Acres Add 3.DWG
FB75 P56, 134 ; FB104P20 ARLDTCSV REV. 12/30/10

I, Wm. F. Forest, Jr., do hereby certify that this plat was prepared based on a survey completed on the ground in October of 2010. This map is true & correct & identifies any known boundary line conflicts. This property abuts a private roadway system as shown hereon. The undersigned does hereby certify that the perimeter descriptions of blocks shown hereon close within tolerance standards adopted by the Texas Board of Professional Land Surveyors.

I further certify that no lot within this subdivision is encroached by any Special Flood Hazard Areas inundated by 100-year floods as identified by the Federal Emergency Management Agency boundary map (flood insurance rate map) Community-Panel Number 48491C0150C, effective date 9/26/2008. A flood hazard study to identify additional areas of flood hazard is not included in this survey. This tract is not located within the Edward's Aquifer Recharge zone.

TO CERTIFY WHICH, WITNESS my hand and seal at Georgetown, Texas,
this the 4th day of Nov. 2010 A.D. Revised 1-3-2011

WILLIAM F. FOREST, JR. R.P.L.S. 1847

STATE OF TEXAS
REGISTERED
WILLIAM F. FOREST, JR.
1847
PROFESSIONAL
LAND SURVEYOR

OWNER APPROVAL AND DEDICATION:

STATE OF TEXAS *
*
COUNTY OF WILLIAMSON * KNOW ALL MEN BY THESE PRESENTS;

THAT I, H.E. ARLDT, THE SOLE OWNER OF LOTS 4 AND 5 IN BLOCK 1 AS DESCRIBED HEREON, AND AS CONVEYED (PART OF 10 AC.) AS DESCRIBED IN A DEED TO H.E. ARLDT, OF RECORD IN VOL. 1937, PG. 415, OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS, DO HEREBY ADOPT THIS PLAT, AND DO HEREBY CONSENT TO ALL PLAT NOTE REQUIREMENTS SHOWN HEREON. THE UNDERSIGNED, BY SIGNING HEREAFTER ACKNOWLEDGES THAT THERE ARE NO LIENHOLDERS OF THIS PROPERTY. THE UNDERSIGNED DOES HEREBY APPROVE THE RECORDATION OF THIS PLAT AND DEDICATES TO THE PUBLIC ANY STREETS, ALLEYS, RIGHTS-OF-WAY, EASEMENTS, AND PUBLIC PLACES SHOWN HEREON FOR SUCH PUBLIC PURPOSES AS THE COUNTY MAY DEEM APPROPRIATE. THIS SUBDIVISION IS TO BE KNOWN AS "FOX DEN ACRES ADDITION # 3". THESE LOTS SHALL BE HELD, SOLD & CONVEYED SUBJECT TO NOTES AND RESTRICTIONS AS SHOWN HEREON. THE OWNER SIGNING HEREAFTER ACKNOWLEDGES THAT IT IS THE OWNER RESPONSIBILITY, NOT THE COUNTY RESPONSIBILITY, TO COMPLY WITH THE PROVISIONS OF STATE, FEDERAL, AND LOCAL LAWS AND REGULATIONS RELATING TO THE ENVIRONMENT, INCLUDING (but not limited to) THE ENDANGERED SPECIES ACT AND STATE AQUIFER REGULATIONS.

WITNESS MY HAND THIS THE ____ DAY OF _____, 2011 A.D.

H.E. ARLDT
100 FREEDOM DRIVE
GEORGETOWN, TX. 78626

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED H.E. ARLDT, KNOWN BY ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT. IT HAS BEEN ACKNOWLEDGED TO ME THAT HE EXECUTED THE FOREGOING INSTRUMENT, ACTING AS OWNER OF THE PROPERTY DESCRIBED HEREON FOR THE PURPOSES STATED.

_____ _____
DATE NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

_____
PRINTED NAME OF NOTARY AND STAMP

OWNER APPROVAL AND DEDICATION:

STATE OF TEXAS *
*
COUNTY OF WILLIAMSON * KNOW ALL MEN BY THESE PRESENTS;

THAT WE, TIMOTHY G. KNIPPA, AND KARAN D. KNIPPA, OWNERS OF LOT 6 IN BLOCK 1 AS DESCRIBED HEREON, THE SAME 1.26 AC. AS DESCRIBED IN A DEED TO TIMOTHY G. KNIPPA, AND KARAN D. KNIPPA OF RECORD IN DOC. 2010049268, OF THE OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS, (ORWCT) DO HEREBY ADOPT THIS PLAT, AND DO HEREBY CONSENT TO ALL PLAT NOTE REQUIREMENTS SHOWN HEREON. THE UNDERSIGNED, BY SIGNING HEREAFTER, ACKNOWLEDGE THAT THERE IS A LIENHOLDER WHICH HOLDS A LIEN ON THIS PROPERTY AS DESCRIBED IN A DEED OF TRUST WHICH IS FILED IN DOC. 2010049270 (ORWCT). THE UNDERSIGNED DOES HEREBY APPROVE THE RECORDATION OF THIS PLAT AND DEDICATES TO THE PUBLIC ANY STREETS, ALLEYS, EASEMENTS, RIGHTS-OF-WAY, AND PUBLIC PLACES SHOWN HEREON FOR SUCH PUBLIC PURPOSES AS THE COUNTY MAY DEEM APPROPRIATE. THIS SUBDIVISION IS TO BE KNOWN AS "FOX DEN ACRES ADDITION # 3". THESE LOTS SHALL BE HELD, SOLD & CONVEYED SUBJECT TO NOTES AND RESTRICTIONS AS SHOWN HEREON. THE OWNER SIGNING HEREAFTER ACKNOWLEDGES THAT IT IS THE OWNER RESPONSIBILITY, NOT THE COUNTY RESPONSIBILITY, TO COMPLY WITH THE PROVISIONS OF STATE, FEDERAL, AND LOCAL LAWS AND REGULATIONS RELATING TO THE ENVIRONMENT, INCLUDING (but not limited to) THE ENDANGERED SPECIES ACT AND STATE AQUIFER REGULATIONS.

WITNESS MY HAND THIS THE ____ DAY OF _____, 2011 A.D.

_____
TIMOTHY G. KNIPPA # 4231 County Road 123 Round Rock, Tx. 78664

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED TIMOTHY G. KNIPPA, KNOWN BY ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT. IT HAS BEEN ACKNOWLEDGED TO ME THAT HE EXECUTED THE FOREGOING INSTRUMENT, ACTING AS AN OWNER OF THE PROPERTY DESCRIBED HEREON FOR THE PURPOSES STATED.

_____ _____
DATE NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

_____
PRINTED NAME OF NOTARY AND STAMP

_____ DATE: _____
KARAN D. KNIPPA # 4231 County Road 123 Round Rock, Tx. 78664

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED KARAN D. KNIPPA, KNOWN BY ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT. IT HAS BEEN ACKNOWLEDGED TO ME THAT SHE EXECUTED THE FOREGOING INSTRUMENT, ACTING AS AN OWNER OF THE PROPERTY DESCRIBED HEREON FOR THE PURPOSES STATED.

_____ _____
DATE NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

_____
PRINTED NAME OF NOTARY AND STAMP

AUTHORIZATION NOTES FOR THE
WILLIAMSON COUNTY AND CITIES HEALTH DISTRICT

1. WATER SERVICE FOR THESE LOTS WILL BE PROVIDED BY JONAH WATER S.U.D.

2. WASTEWATER SERVICE FOR LOT 5 IN BLOCK 1 HEREON WILL BE PROVIDED BY AN EXISTING PRIVATE SEWAGE FACILITY. WASTEWATER SERVICE FOR LOTS 4 AND 6 BLOCK 1 HEREON WILL BE PROVIDED BY AN ON-SITE SEWAGE FACILITY WHICH MUST BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER OR REGISTERED SANITARIAN.

3. DRAINAGE PLAN: SURFACE CONTOURING IN AREAS ADJACENT TO ANY ON-SITE SEWAGE FACILITY WILL BE DESIGNED TO MAINTAIN FAVORABLE DRAINAGE PATTERNS SO THAT POSITIVE DRAINAGE PATTERNS WILL CONTINUE THROUGHOUT THE PROPERTY. DRAINAGE IMPROVEMENTS WILL BE MADE IF DRAINAGE PROBLEMS BECOME APPARENT. RAINWATER RUNOFF SHALL BE DIVERTED AWAY FROM DRAINFIELD AREAS HEREON BY BERMS OR SWALES. DRAINAGE PATTERNS SHALL NOT TO BE MODIFIED IN A MANNER THAT WILL NEGATIVELY IMPACT OR EFFECT THE PROPER FUNCTION OF THE EXISTING ON-SITE SEWAGE FACILITES AND/OR PROPOSED FACILITIES TO BE DESIGNED AND/OR OPERATED HEREON. ANY CHANGES TO BE MADE TO EXISTING SURFACE DRAINAGE PATTERNS WILL REQUIRE APPROVAL OF THE APPROPRIATE *REGULATORY AUTHORITY. BEST MANAGEMENT PRACTICES, INCLUDING SILT FENCING AND/OR OTHER* OPTIONS FOR EROSION PREVENTATIVES SHALL BE EMPLOYED DURING DEVELOPMENT TO PROTECT DOWN SLOPE/DOWNSTREAM PROPERTIES AND RETAIN TOPSOIL.

4. BASED UPON THE REPRESENTATIONS OF THE SURVEYOR WHOSE SEAL IS AFFIXED HERETO, AND AFTER A REVIEW OF THE PLAT AS PRESENTED BY THE SAID SURVEYOR, I FIND THAT THIS PLAT COMPLIES WITH THE REQUIREMENTS OF THE EDWARD'S AQUIFER REGULATIONS FOR WILLIAMSON COUNTY, AND WITH THE WILLIAMSON COUNTY ON-SITE SEWERAGE FACILITY REGULATIONS. THIS CERTIFICATION IS MADE BASED SOLELY UPON SUCH REPRESENTATIONS AND SHOULD NOT BE RELIED UPON FOR VERIFICATION OF THE FACTS ALLEGED. THE WILLIAMSON COUNTY AND CITIES HEALTH DISTRICT DISCLAIMS ANY RESPONSIBILITY TO ANY MEMBER OF THE PUBLIC FOR INDEPENDENT VERIFICATION OF THE REPRESENTATIONS, FACTUAL OR OTHERWISE, AS CONTAINED IN THIS PLAT AND THE DOCUMENTS ASSOCIATED WITH IT.

Steve Gilmer
STEVE GILMER, RS 0S6592
FOR EXECUTIVE DIRECTOR OF THE WCCHD

5 JANUARY 2011
DATE

APPROVAL OF POSTMASTER FOR LOCATION OF MAILBOX CLUSTER DELINEATED HEREON.

_____POSTMASTER

DATE OF SIGNATURE _____

LIENHOLDER APPROVAL AND DEDICATION:

STATE OF TEXAS *
*
COUNTY OF WILLIAMSON * KNOW ALL MEN BY THESE PRESENTS;

THAT I, _____, ACTING FOR SCHWERTNER STATE BANK, LIENHOLDER OF LOT 6 IN BLOCK 1 AS DESCRIBED HEREON, THE SAME 1.26 AC. AS DESCRIBED IN A DEED OF TRUST FROM TIMOTHY G. KNIPPA, ET. UX. TO MICHAEL H. PATTERSON, TRUSTEE, OF RECORD IN DOC. 2010049270, OF THE OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS, DO HEREBY CONSENT TO THE PLAT NOTE REQUIREMENTS SHOWN HEREON. THE UNDERSIGNED DOES HEREBY JOIN, APPROVE AND CONSENT TO ALL PLAT NOTE REQUIREMENTS SHOWN HEREON, AND DO HEREBY DEDICATE TO THE PUBLIC ANY STREETS, ALLEYS, RIGHTS-OF-WAY, EASEMENTS AND PUBLIC PLACES SHOWN HEREON FOR SUCH PUBLIC PURPOSES AS THE COUNTY MAY DEEM APPROPRIATE.

WITNESS MY HAND THIS THE ____ DAY OF _____, 2011 A.D.

_____
FOR SCHWERTNER STATE BANK
50 W. F.M. 487
JARRELL, TX. 76537

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED _____ _____ KNOWN BY ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT. IT HAS BEEN ACKNOWLEDGED TO ME THAT HE EXECUTED THE FOREGOING INSTRUMENT, ACTING IN THE STATED CAPACITY, FOR THE ABOVE DESCRIBED PURPOSES.

_____ _____
DATE NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

_____
PRINTED NAME OF NOTARY AND STAMP

OWNER'S RESPONSIBILITIES

IN APPROVING THIS PLAT BY THE COMMISSIONERS' COURT OF WILLIAMSON COUNTY, TEXAS, IT IS UNDERSTOOD THAT THE BUILDING OF ALL STREETS, ROADS AND OTHER PUBLIC THOROUGHFARES AND ANY BRIDGES OR CULVERTS NECESSARY TO BE CONSTRUCTED OR PLACED IS THE RESPONSIBILITY OF THE OWNERS OF THE TRACT OF LAND COVERED BY THIS PLAT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS PRESCRIBED BY THE COMMISSIONERS' COURT OF WILLIAMSON COUNTY, TEXAS. SAID COMMISSIONERS COURT ASSUMES NO OBLIGATION TO BUILD ANY OF THE STREETS, ROADS, OR OTHER PUBLIC OR PRIVATE THOROUGHFARES SHOWN ON THIS PLAT OR OF CONSTRUCTING ANY OF THE BRIDGES OR DRAINAGE IMPROVEMENTS IN CONNECTION THEREWITH. THE COUNTY WILL ASSUME NO RESPONSIBILITY FOR DRAINAGE WAYS OR EASEMENTS IN THE SUBDIVISION.

THE COUNTY ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF REPRESENTATIONS BY OTHER PARTIES IN THIS PLAT. FLOOD PLAIN DATA, IN PARTICULAR, MAY CHANGE DEPENDING ON SUBSEQUENT DEVELOPMENT. DRIVEWAYS WITHIN THIS SUBDIVISION ARE TO BE PRIVATELY MAINTAINED BY THE PROPERTY OWNERS.

RIGHT OF WAY EASEMENTS FOR WIDENING ROADWAYS OR IMPROVING DRAINAGE SHALL BE MAINTAINED BY THE LANDOWNER UNTIL ROAD OR DRAINAGE IMPROVEMENTS ARE ACTUALLY CONSTRUCTED ON THE PROPERTY. THE COUNTY HAS THE RIGHT AT ANY TIME TO TAKE POSSESSION OF ANY ROAD WIDENING EASEMENT FOR THE CONSTRUCTION, IMPROVEMENT, OR MAINTENANCE OF THE ADJACENT ROAD. THE LANDOWNER ASSUMES ALL RISKS ASSOCIATED WITH IMPROVEMENTS LOCATED IN THE RIGHT-OF-WAY OR ROAD WIDENING EASEMENTS. BY PLACING ANYTHING IN THE RIGHT-OF-WAY OR ROAD WIDENING EASEMENTS, THE LANDOWNER INDEMNIFIES AND HOLDS THE COUNTY, ITS OFFICERS, AND EMPLOYEES HARMLESS FROM ANY LIABILITY OWING TO PROPERTY DEFECTS OR NEGLIGENCE NOT ATTRIBUTABLE TO THEM AND ACKNOWLEDGES THAT THE IMPROVEMENTS MAY BE REMOVED BY THE COUNTY AND THAT THE OWNER OF THE IMPROVEMENTS WILL BE RESPONSIBLE FOR THE RELOCATION AND/OR REPLACEMENT OF THE IMPROVEMENT.

STATE OF TEXAS *
*
COUNTY OF WILLIAMSON * KNOW ALL MEN BY THESE PRESENTS;

I, DAN A. GATTIS, COUNTY JUDGE OF WILLIAMSON COUNTY, TEXAS, DO HEREBY CERTIFY THAT THIS MAP OR PLAT, WITH FIELD NOTES HEREON, THAT A SUBDIVISION HAVING BEEN FULLY PRESENTED TO THE COMMISSIONERS' COURT OF WILLIAMSON COUNTY, TEXAS, AND BY THE SAID COURT DULY CONSIDERED, WERE ON THIS DAY APPROVED AND THE PLAT IS AUTHORIZED TO BE REGISTERED AND RECORDED IN THE PROPER RECORDS OF THE COUNTY CLERK OF WILLIAMSON COUNTY, TEXAS.

_____ _____
DAN A. GATTIS, COUNTY JUDGE DATE

STATE OF TEXAS *
*
COUNTY OF WILLIAMSON * KNOW ALL MEN BY THESE PRESENTS;

I, NANCY RISTER, CLERK OF THE COUNTY COURT OF SAID COUNTY, DO HEREBY CERTIFY THAT THE FOREGOING INSTRUMENT IN WRITING, WITH IT'S CERTIFICATE OF AUTHENTICATION WAS FILED FOR RECORD IN MY OFFICE ON THE _____DAY OF _____,2011 A.D., AT _____ O'CLOCK, __M., AND DULY RECORDED THIS THE _____DAY OF _____, 2011 A.D., AT _____ O'CLOCK _____M, IN THE PLAT RECORDS OF SAID COUNTY IN CABINET ___, SLIDES _____.

TO CERTIFY WHICH, WITNESS MY HAND AND SEAL AT THE COUNTY COURT OF SAID COUNTY, AT MY OFFICE IN GEORGETOWN, TEXAS, THE DATE LAST SHOWN ABOVE WRITTEN.

NANCY RISTER, CLERK COUNTY COURT OF WILLIAMSON COUNTY, TEXAS

BY: _____ DEPUTY

THIS SUBDIVISION, TO BE KNOWN AS "FOX DEN ACRES ADDITION # 3", HAS BEEN REVIEWED BY THE WILLIAMSON COUNTY ADDRESSING DEPARTMENT THIS DATE.

_____ _____
WILLIAMSON COUNTY ADDRESSING DATE

FOREST SURVEYING
AND MAPPING COMPANY
1002 ASH STREET
GEORGETOWN, TEXAS
512-930-5927

SDSK/ARLDTTOPO/Fox den acres Add 3.DWG
FB75 P56, 134 ; FB104P20 ARLDTCSV

"FOX DEN ACRES ADDITION # 3"

Variance to building setback line
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Nickey Lawrence, Unified Road System
Submitted For: Joe England
Department: Unified Road System
Agenda Category: Consent

Information

Agenda Item

Discuss and consider variance to 25' building setback line for proposed Lot 5 of Fox Den Addition #3.

Background

There is an existing barn that encroaches into the 25' setback line on Freedom Drive by approximately 5'.

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

No file(s) attached.

Form Routing/Status

Form Started By: Nickey Lawrence
Started On: 02/03/2011 11:21 AM
Final Approval Date: 02/16/2011

Preliminary Plat Teravista Sec 19
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Nickey Lawrence, Unified Road System
Submitted For: Joe England
Department: Unified Road System
Agenda Category: Consent

Information

Agenda Item

Discuss and consider preliminary approval of Teravista, Section 19, Pct. 4.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

Link: Projects Teravista Sec 19

Form Routing/Status

Form Started By: Nickey Lawrence
Started On: 02/14/2011 09:11 AM
Final Approval Date: 02/16/2011

TERAVISTA SECTION 19
PRELIMINARY PLAT

PLAT NOTES:

1. BUILDING SETBACKS WILL BE IN ACCORDANCE WITH DEVELOPMENT AGREEMENT BETWEEN NEWLAND COMMUNITIES AND THE CITY OF ROUND ROCK.
2. SIDEWALKS WILL BE CONSTRUCTED AND STREET TREES PLANTED IN ACCORDANCE WITH THE DEVELOPMENT AGREEMENT BETWEEN NEWLAND COMMUNITIES AND THE CITY OF ROUND ROCK.
3. ACCESS TO RESIDENTIAL LOTS CAN NOT BE TAKEN OVER OPEN SPACE LOTS.
4. TOTAL ACREAGE IS 35.64 AC.
5. PARKLAND DEDICATION REQUIREMENTS SHALL BE MET IN ACCORDANCE WITH THE CONSENT AGREEMENT BETWEEN THE CITY OF ROUND ROCK AND NEWLAND COMMUNITIES.
6. NO LOT IN THIS SUBDIVISION IS ENCROACHED BY ANY SPECIAL FLOOD HAZARD AREAS INUNDATED BY THE 100 YEAR FLOOD PLAIN AS IDENTIFIED BY THE U.S. FEDERAL EMERGENCY MANAGEMENT AGENCY BOUNDARY MAP, (FLOOD INSURANCE RATE MAP), COMMUNITY PANEL NO. 48491C0485E, EFFECTIVE DATE SEPTEMBER 26, 2008 FOR WILLIAMSON COUNTY, TEXAS.
7. NO STRUCTURE OR LAND ON THIS PLAT SHALL HEREAFTER BE LOCATED OR ALTERED WITHOUT FIRST SUBMITTING A CERTIFICATE OF COMPLIANCE TO THE WILLIAMSON COUNTY FLOOD PLAIN ADMINISTRATOR.
8. A 10-FOOT PUBLIC UTILITY EASEMENT IS RESERVED ALONG ALL STREET FRONTAGES WITHIN THIS PLAT.
9. THE MONUMENTS OF THIS PLAT HAVE BEEN ROTATED TO THE NAD 83/93 HARN – TEXAS CENTRAL ZONE AND NAVD 88.
10. IN ORDER TO PROMOTE DRAINAGE AWAY FROM A STRUCTURE, THE SLAB ELEVATION SHOULD BE BUILT AT LEAST ONE FOOT ABOVE THE SURROUNDING GROUND, AND THE GROUND SHOULD BE GRADED AWAY FROM THE STRUCTURE AT A SLOPE OF 1/2" PER FOOT FOR A DISTANCE OF AT LEAST 10 FEET.
13. RIGHT-OF-WAY EASEMENTS FOR WIDENING ROADWAYS OR IMPROVING DRAINAGE SHALL BE MAINTAINED BY THE LANDOWNER UNTIL ROAD OR DRAINAGE IMPROVEMENTS ARE ACTUALLY CONSTRUCTED ON THE PROPERTY. THE COUNTY HAS THE RIGHT AT ANY TIME TO TAKE POSSESSION OF ANY ROAD WIDENING EASEMENT FOR CONSTRUCTION, IMPROVEMENT, OR MAINTENANCE OF THE ADJACENT ROAD.
14. THE LANDOWNER ASSUMES ALL RISKS ASSOCIATED WITH IMPROVEMENTS LOCATED IN THE RIGHT-OF-WAY OR ROAD WIDENING EASEMENTS. BY PLACING ANYTHING IN THE RIGHT-OF-WAY OR ROAD WIDENING EASEMENTS THE LANDOWNER INDEMNIFIES AND HOLDS WILLIAMSON COUNTY, ITS OFFICERS, AND EMPLOYEES HARMLESS FROM ANY LIABILITY OWING TO PROPERTY DEFECTS OR NEGLIGENCE NOT ATTRIBUTABLE TO THEM AND ACKNOWLEDGES THAT THE IMPROVEMENTS MAY BE REMOVED BY THE COUNTY AND THAT THE OWNER OF THE IMPROVEMENTS WILL BE RESPONSIBLE FOR THE RELOCATION AND/OR REPLACEMENT OF THE IMPROVEMENTS.
15. IT IS UNDERSTOOD THAT THE BUILDING OF ALL STREETS, ROADS OR OTHER PUBLIC THOROUGHFARES AND ANY BRIDGES OR CULVERTS NECESSARY TO BE CONSTRUCTED OR PLACED, IS THE RESPONSIBILITY OF THE OWNER OF THIS TRACT OF LAND COVERED BY THIS PLAT IN ACCORDANCE WITH PLANS AND SPECIFICATIONS PRESCRIBED BY WILLIAMSON COUNTY, TEXAS. THE COUNTY ASSUMES NO OBLIGATION TO BUILD ANY OF THE STREETS, ROADS, OR OTHER PUBLIC THOROUGHFARES SHOWN ON THIS PLAT, OR IN CONSTRUCTING ANY BRIDGES OR DRAINAGE IMPROVEMENTS IN CONNECTION THEREWITH.
16. THE COUNTY WILL ASSUME NO RESPONSIBILITY FOR DRAINAGE WAYS OR EASEMENTS IN THE SUBDIVISION, OTHER THAN THOSE DRAINING OR PROTECTING THE ROAD SYSTEM AND STREETS.
17. THE COUNTY ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF REPRESENTATIONS BY OTHER PARTIES ON THIS PLAT. FLOOD PLAIN DATA IN PARTICULAR, MAY CHANGE DEPENDING ON SUBSEQUENT DEVELOPMENT. IT IS FURTHER UNDERSTOOD THAT THE OWNERS OF THE TRACT OF LAND COVERED BY THIS PLAT MUST INSTALL AT THEIR OWN EXPENSE ALL TRAFFIC CONTROL DEVICES AND SIGNAGE THAT MAY BE REQUIRED BEFORE THE STREETS IN THE SUBDIVISION HAVE FINALLY BEEN ACCEPTED FOR MAINTENANCE BY THE COUNTY.
18. ALL PUBLIC ROADWAYS AND EASEMENTS SHOWN ON THE PLAT ARE FREE OF LIENS. REQUIRED RELEASE OF LIENS SHALL BE PROVIDED TO THE COMMISSIONERS' COURT.

FLOODPLAIN INFORMATION:
NO LOTS WITHIN THIS SUBDIVISION ARE ENCROACHED BY A SPECIAL FLOOD HAZARD AREAS INUNDATED BY THE 100 YEAR FLOOD AS IDENTIFIED BY THE U.S. FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP (FIRM) #48491C0485E, WILLIAMSON COUNTY, TEXAS DATED SEPTEMBER 26, 2008. COMMUNITY #481079

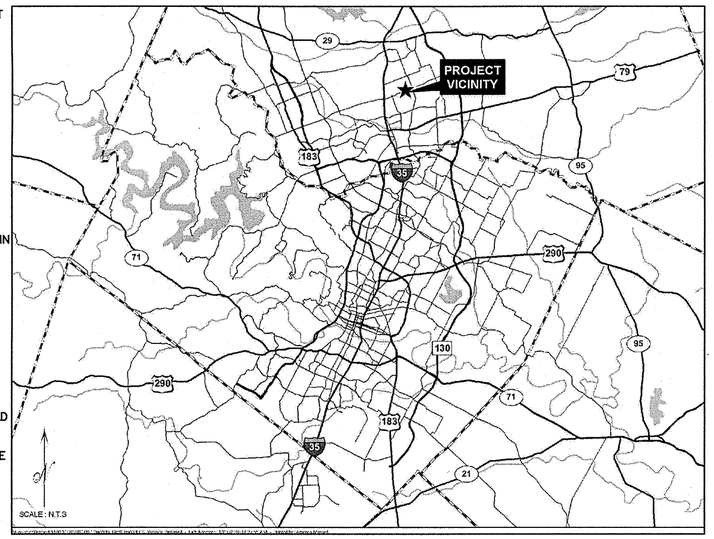
LEGAL DESCRIPTION:
35.64 ACRES OF LAND OUT OF THE BARNEY C. LOW SURVEY, ABSTRACT NO. 385, WILLIAMSON COUNTY, TEXAS

PROJECT BENCHMARKS

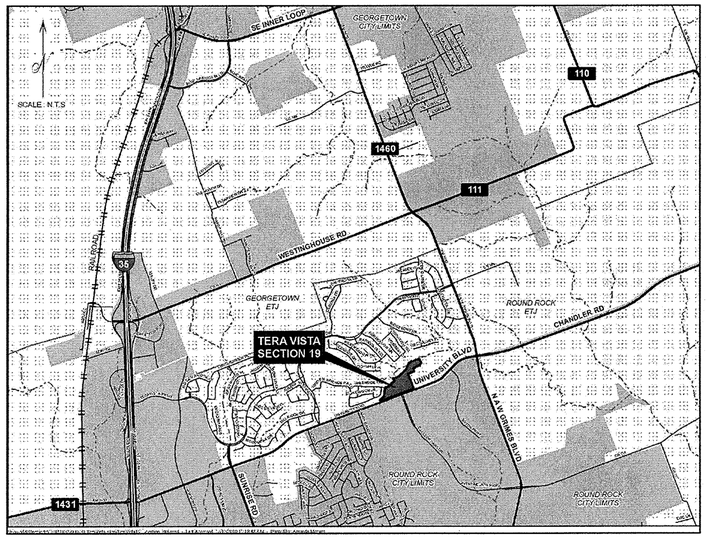
B.M. TVG-002 BRASS DISC SET IN CONCRETE, ±350 FEET WEST OF THE INTERSECTION OF WESTINGHOUSE ROAD AND SCENIC LAKE DRIVE (AS SHOWN HEREON), ±140 FEET SOUTH OF THE SOUTHERLY RIGHT-OF-WAY LINE OF WESTINGHOUSE ROAD, BEING AT A POINT OF INTERSECTION IN THE NORTH LINE OF A 35' WIDE SEMINOLE PIPELINE EASEMENT SHOWN HEREON.
(10186936.1282,3136876.1764) ELEVATION = 882.34

B.M. TVG-003 BRASS DISC SET IN CONCRETE, ±1100 FEET SOUTH OF THE INTERSECTION OF F.M. 1460 AND COACH LIGHT DRIVE (AS SHOWN HEREON), ±160 FEET WEST OF THE WESTERLY RIGHT-OF-WAY LINE OF F.M. 1460, BEING IN THE NORTH LINE OF A 35' WIDE SEMINOLE PIPELINE EASEMENT AS SHOWN HEREON.
(10185710.3725,3139430.2424) ELEVATION = 845.86

NOTE:
HORIZONTAL AND VERTICAL DATUM AS SHOWN HEREON ARE REFERENCED TO NAD 83\93 HARN HORIZONTAL CONTROL DATUM – TEXAS CENTRAL ZONE AND NAVD 88 VERTICAL CONTROL DATUM. COORDINATES SHOWN HEREON ARE GRID VALUES WITH A COMBINED SCALE FACTOR OF 0.999870053.



VICINITY MAP
N.T.S.



LOCATION MAP
N.T.S.

SHEET INDEX

NO.	TITLE
1	COVER SHEET AND NOTES
2	PRELIMINARY PLAT LAYOUT

DEVELOPER:
NNP-TERAVISTA, LP
13809 RESEARCH BLVD., SUITE 475
AUSTIN, TEXAS 78750
NUMBER: 512-244-6667
FAX NUMBER: 512-244-6875

ENGINEER:
PATE ENGINEERS INC.,
STEVE CRAUFORD, P.E.
7801 N. CAPITAL OF TEXAS HWY
SUITE 350, AUSTIN, TEXAS 78731
NUMBER: 512-340-0600 EXT: 342
FAX NUMBER: 512-340-0604

SURVEYOR:
PATE SURVEYORS INC.
DAVID ELZY, R.P.L.S.
7801 N. CAPITAL OF TEXAS HWY
SUITE 350, AUSTIN, TEXAS 78731
NUMBER: 512-340-0600
FAX NUMBER: 512-340-0604

LOT SUMMARY

SECTION	BLOCKS	# OF LOTS	OPEN SPACE/GOLF COURSE
SEC. 19	3	79	7

STREET SUMMARY

STREET NAME	LENGTH	R.O.W. WIDTH
GREENSIDE TRAIL	1581.90 LF	50'
REDWOOD PASS	515.28 LF	50', 80'
AUTUMN RUN LANE	1226.18 LF	50'

TOTAL AREA OF SITE.....35.64 ACRES
TOTAL AREA OF ROW.....4.12 ACRES
TOTAL AREA OF PERIMETER
ROADWAY R.O.W. DEDICATION.....0.44 ACRES
TOTAL AREA OF BLOCKS/OPEN SPACE.....31.08 ACRES
TOTAL NUMBER OF BLOCKS.....3
TOTAL NUMBER OF OPEN SPACE LOTS.....3

PATE ENGINEERS
TBPE F-002726
7801 N. Capitol of Texas Hwy, Suite 350 Austin, Tx. 78731
Phone: 512-340-0600

PROJECT: TERAVISTA SECTION 19 PRELIMINARY PLAT

SHEET: COVER SHEET AND NOTES

NO.	DATE	REVISIONS	BY

PATE PROJECT NO. 188200902

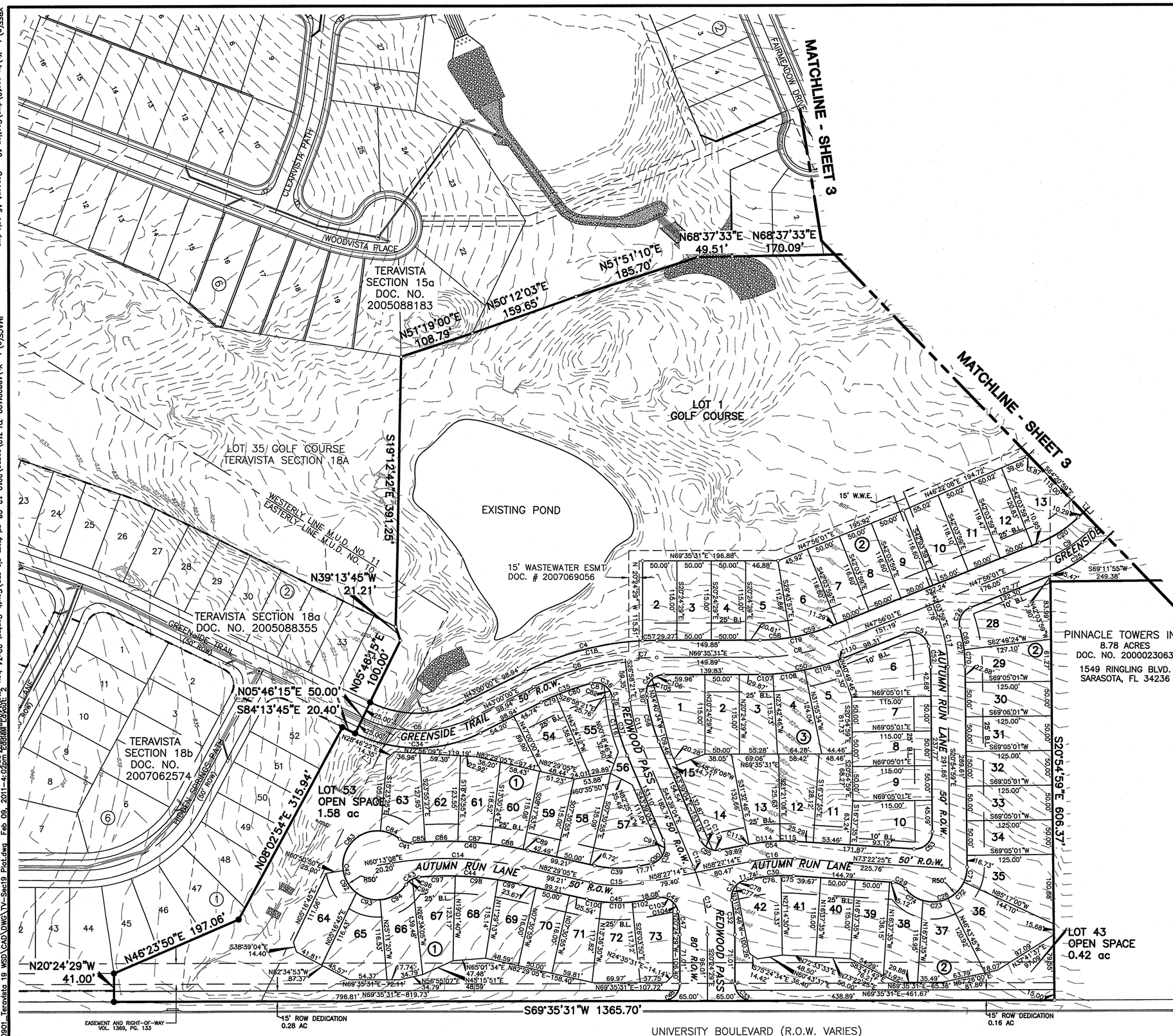
SHEET 1 of 3

XREF(s) : X:\tv-sec19\dwg\Section 19 – Concept A5 calc.dwg
IMAGE(s) : X:\188201100-TV 312\scans\2010-12-08.gif from gis app\South_Control_2234_Trout-Hill_Aug-dc01_Projects.new\1800\188200901_Teravista 19 WSD\CAD\DWG\TV-Sec19 Plat.dwg Feb 09, 2011-3:50pm
PATE ENGINEERS

XREF(s): X:\tv-sec19\dwg\Section 19 - Concept A5 calc.dwg
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X:\tv-sec19\dwg\TV-Sec19 Exist.dwg

IMAGE(s): X:\188201100-TV 312\scans\2010-12-08_ari from gis app\South_Central_22x34_hou_final_2010-12-08.jpg
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PATE ENGINEERS
\\Aus-dc01\Projects.new\18001\188200901_Teravista 19 WSD\CAD\DWG\TV-Sec19 Plat.dwg 11/07/2011 09:49:54 AM CST



100' 0' 100'
SCALE
1"=100'

LEGEND

⊙	1/2" COPPER ROD SET IN CONCRETE UNLESS OTHERWISE NOTED
◉	1/2" IRON ROD FOUND IN CONCRETE UNLESS OTHERWISE NOTED
●	IRON ROD FOUND
○	1/2" IRON ROD SET W/CAP MARKED "PATE ENG" UNLESS OTHERWISE NOTED
P.U.E.	PUBLIC UTILITY EASEMENT
B.L.	BUILDING LINE
W.W.E.	WASTEWATER EASEMENT
D.E.	DRAINAGE EASEMENT
ESMT.	EASEMENT
- - - - -	EXISTING EASEMENT
———	PROPOSED EASEMENT
———	LOT LINES
①	BLOCK DESIGNATION

PATE ENGINEERS
TBPE F-002726
7801 N. Capital of Texas Hwy., Suite 350 Austin, Tx. 78731
Phone: 512-340-0600

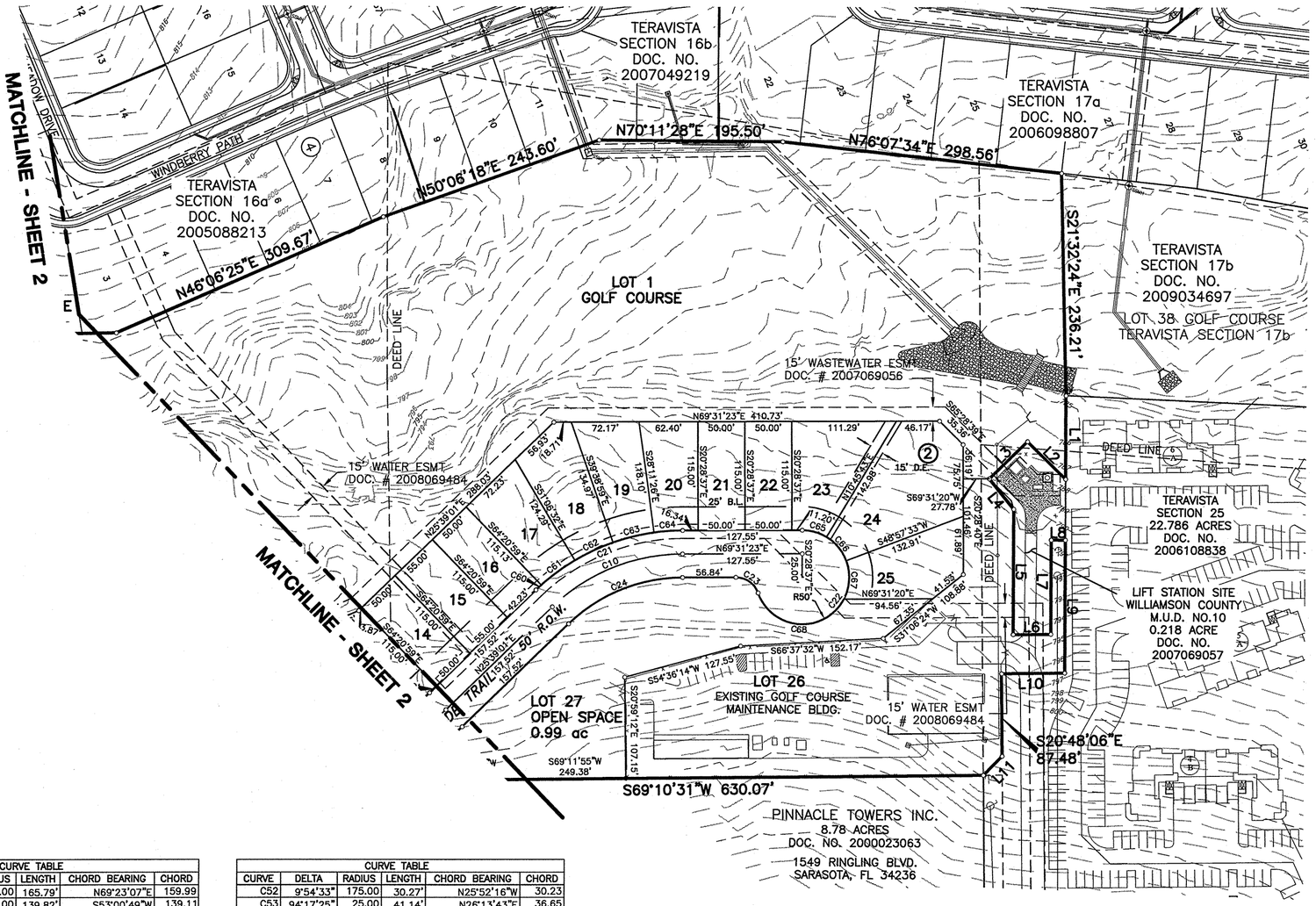
PROJECT: TERAVISTA SECTION 19 PRELIMINARY PLAT

SHEET: PRELIMINARY PLAT LAYOUT

NO.	DATE	REVISIONS	BY

PATE PROJECT NO. 188200902

SHEET 2 of 3



100' 0' 100'

SCALE

1"=100'

LEGEND

⊡	1/2" COPPER ROD SET IN CONCRETE UNLESS OTHERWISE NOTED
⊡	1/2" IRON ROD FOUND IN CONCRETE UNLESS OTHERWISE NOTED
●	IRON ROD FOUND
○	1/2" IRON ROD SET W/CAP MARKED "PATE ENG" UNLESS OTHERWISE NOTED
P.U.E.	PUBLIC UTILITY EASEMENT
B.L.	BUILDING LINE
W.W.E.	WASTEWATER EASEMENT
D.E.	DRAINAGE EASEMENT
ESMT.	EASEMENT
	EXISTING EASEMENT
	PROPOSED EASEMENT
	LOT LINES
①	BLOCK DESIGNATION

CURVE TABLE					
CURVE	DELTA	RADIUS	LENGTH	CHORD BEARING	CHORD
C5	52°46'16"	180.00	165.79'	N69°23'07"E	159.99
C6	20°01'39"	400.00	139.82'	S53°00'49"W	139.11
C7	6°33'52"	400.00	45.83'	S66°18'35"W	45.80
C8	21°39'30"	300.00	113.40'	N58°45'46"E	112.73
C9	22°17'00"	200.00	77.78'	N36°47'31"E	77.29
C10	43°52'22"	200.00	153.14'	S47°35'12"W	149.43
C11	16°40'43"	250.00	72.77'	S35°18'43"E	72.52
C13	21°08'16"	250.00	92.23'	N30°58'38"W	91.71
C14	22°15'56"	500.00	194.30'	S71°21'06"W	193.08
C15	24°01'50"	180.00	75.49'	N70°28'09"E	74.94
C16	14°55'11"	250.00	65.10'	S65°54'50"W	64.92
C17	21°09'00"	200.00	73.83'	N31°29'29"W	73.41
C18	26°35'31"	425.00	197.25'	S56°17'45"W	195.48
C19	21°39'30"	275.00	103.95'	N58°45'46"E	103.33
C20	22°17'00"	175.00	68.06'	N36°47'31"E	67.63
C23	70°31'44"	25.00	30.77'	N75°12'45"W	28.87
C24	43°52'22"	175.00	134.00'	S47°35'12"W	130.75
C25	22°17'00"	225.00	87.51'	N36°47'31"E	86.96
C26	83°17'00"	25.00	36.34'	S06°17'31"W	33.22
C27	14°26'00"	225.00	56.68'	N28°07'59"W	56.53
C28	142°41'08"	50.00	124.52'	N50°13'14"E	94.74
C29	48°11'23"	25.00	21.03'	N82°31'53"W	20.41
C30	14°55'11"	225.00	58.59'	S65°54'50"W	58.42
C31	88°48'06"	25.00	38.75'	S14°03'11"W	34.98
C32	9°56'22"	290.00	50.31'	N25°22'40"W	50.25
C33	90°00'00"	25.00	39.27'	S65°24'29"E	35.36
C35	11°48'52"	375.00	77.32'	S48°54'25"W	77.19
C36	98°12'48"	25.00	42.85'	N76°04'45"W	37.80
C37	16°40'43"	275.00	80.05'	S35°18'43"E	79.77
C38	102°06'18"	25.00	44.55'	N07°24'05"E	38.89
C39	24°01'50"	155.00	65.01'	N70°28'09"E	64.53
C40	18°25'55"	525.00	168.89'	S73°16'07"W	168.16
C41	45°36'19"	25.00	19.90'	N86°51'19"E	19.38
C42	276°15'28"	50.00	241.08'	S28°28'15"E	66.75
C43	51°12'49"	25.00	22.35'	S39°00'26"W	21.61
C44	17°52'14"	475.00	148.15'	S73°32'57"W	147.55
C45	24°01'50"	205.00	85.98'	N70°28'09"E	85.35
C46	92°02'27"	25.00	40.16'	N75°31'32"W	35.98
C47	9°05'50"	210.00	33.34'	N24°57'24"W	33.31
C48	90°00'00"	25.00	39.27'	N24°35'31"E	35.36
C49	96°33'52"	25.00	42.13'	S21°18'35"W	37.32
C50	21°39'30"	325.00	122.85'	N58°45'46"E	122.12
C51	101°14'27"	25.00	44.17'	N81°26'46"W	38.65

CURVE TABLE					
CURVE	DELTA	RADIUS	LENGTH	CHORD BEARING	CHORD
C52	9°54'33"	175.00	30.27'	N25°52'16"W	30.23
C53	94°17'25"	25.00	41.14'	N26°13'43"E	36.65
C54	14°55'11"	275.00	71.61'	S65°54'50"W	71.41
C55	77°53'42"	25.00	33.99'	S82°35'55"E	31.43
C56	16°40'43"	225.00	65.50'	S35°18'43"E	65.27
C57	2°47'43"	425.00	20.74'	S68°11'39"W	20.73
C58	9°19'28"	275.00	44.75'	N64°55'47"E	44.70
C59	12°20'02"	275.00	59.20'	N54°06'02"E	59.08
C66	38°11'50"	50.00	33.33'	N60°08'22"W	32.72
C67	48°32'16"	50.00	42.36'	N16°46'19"W	41.10
C68	132°33'17"	50.00	115.68'	N73°46'28"E	91.55
C69	8°10'23"	225.00	32.10'	N31°15'48"W	32.07
C70	6°15'37"	225.00	24.58'	N24°02'48"W	24.57
C71	25°50'20"	50.00	22.55'	N08°12'10"W	22.36
C72	38°33'16"	50.00	33.65'	N23°59'37"E	33.01
C73	42°50'20"	50.00	37.38'	N64°41'25"E	36.52
C74	35°27'13"	50.00	30.94'	S76°09'48"E	30.45
C75	4°36'56"	225.00	18.12'	S71°03'57"W	18.12
C76	10°18'15"	225.00	40.46'	S63°36'22"W	40.41
C79	3°35'48"	375.00	23.54'	S44°47'54"W	23.54
C80	8°13'03"	375.00	53.78'	S50°42'20"W	53.74
C81	45°04'59"	25.00	19.67'	S77°21'21"W	19.17
C83	103°45'46"	50.00	90.55'	S22°43'43"W	78.67
C84	35°02'53"	50.00	30.59'	N87°51'58"W	30.11
C85	2°01'24"	525.00	18.54'	S65°03'51"W	18.54
C86	5°12'31"	525.00	47.73'	S68°40'49"W	47.71
C87	5°12'31"	525.00	47.73'	S73°53'20"W	47.71
C88	5°12'31"	525.00	47.73'	S79°05'52"W	47.71
C90	48°58'30"	25.00	21.37'	N33°57'59"E	20.72
C92	43°55'47"	50.00	38.34'	S51°07'04"E	37.40
C93	42°06'23"	50.00	36.74'	N85°51'51"E	35.92
C94	51°24'38"	50.00	44.86'	N39°06'20"E	43.37
C97	6°21'29"	475.00	52.71'	S67°47'35"W	52.68
C98	7°32'27"	475.00	62.52'	S74°44'33"W	62.47
C99	3°58'18"	475.00	32.93'	S80°29'56"W	32.92
C100	6°05'34"	205.00	21.80'	N79°26'17"E	21.79
C101	12°27'20"	205.00	44.57'	N70°09'50"E	44.48
C102	5°28'56"	205.00	19.61'	N61°11'42"E	19.61
C107	3°18'17"	325.00	18.74'	N67°56'22"E	18.74
C108	8°12'48"	325.00	46.59'	N62°10'50"E	46.55
C109	8°54'13"	325.00	50.50'	N53°37'20"E	50.45
C114	9°32'22"	275.00	45.79'	S63°52'43"W	45.73
C115	4°43'31"	275.00	22.68'	S71°00'40"W	22.67
C116	14°48'20"	285.00	73.65'	S34°22'31"E	73.44

LINE TABLE		
LINE	LENGTH	BEARING
L1	88.46	S20°07'56"E
L2	56.73	N65°49'37"W
L3	56.52	S25°42'40"W
L4	41.43	S59°16'02"E
L5	133.23	S20°07'56"E
L6	40.00	N69°16'14"E
L7	100.20	N20°07'56"W
L8	15.00	N69°52'04"E
L9	141.43	S20°07'56"E
L10	67.20	S69°11'54"W
L11	28.29	S24°11'40"W

PATE ENGINEERS
TBPE F-002726
7801 N. Capital of Texas Hwy., Suite 350 Austin, Tx. 78731
Phone: 512-340-0600

PROJECT: TERAVISTA SECTION 19
PRELIMINARY PLAT

SHEET: PRELIMINARY PLAT LAYOUT

NO.	DATE	REVISIONS	BY

PATE PROJECT NO. 188200902

SHEET 3 of 3

XREF(s): X: \tv-sec19\dwg\Section 19 - Concept A5 calc.dwg
X: \tv-sec19\dwg\xr14900to01.dwg
X: \tv-sec19\dwg\TV-Sec19 Exist.dwg

IMAGE(s): X: \188201100-TV 312\scans\2010-12-08_qrt from gis app\South_Central_22x34_Jou-Tms0742888888823.png
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Plotted: 09 Feb 2011 - 4:22pm By: Phil Gilpin-S:\TV-SEC19\DWG\DWG's\SEC 19 WSD.dwg

PATE ENGINEERS
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License Agreement with Grand Republic Construction Fabrication
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Nickey Lawrence, Unified Road System
Submitted For: Joe England
Department: Unified Road System
Agenda Category: Consent

Information

Agenda Item

Discuss and License Agreement with Grand Republic Construction Fabrication, Inc., Pct. 3.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

Link: Projects License Agreement

Form Routing/Status

Form Started By: Nickey Lawrence
Started On: 02/16/2011 10:52 AM
Final Approval Date: 02/16/2011

LICENSE AGREEMENT

This License Agreement (hereinafter, "Agreement") is made this _____ day of _____, 2011, by and between the WILLIAMSON COUNTY, TEXAS, (hereinafter "Licensor"), and GRAND REPUBLIC CONSTRUCTION FABRICATION, INC., (hereinafter, "Licensee", whether one or more).

WHEREAS, Licensor is the owner of the real property (hereinafter, "Property"), which is the public right-of-way as depicted in Exhibit "A", attached hereto and incorporated herein; and

WHEREAS, Licensee desires to exercise certain rights and privileges upon public right-of-way Property; and

WHEREAS, Licensor desires to grant Licensee certain rights and privileges upon public right-of-way Property; and

NOW, THEREFORE, it is agreed as follows:

License

1. Licensee shall have the right to excavate and remove earthen material contained within the limits identified on Exhibit "A". Licensee shall not remove any material below the 950 ft. elevation line as shown on Exhibit "A", and shall only remove material between Station 769+00 and 772+50 of the proposed Ronald Reagan Blvd. roadway improvements as shown on Exhibit "A".

It is understood that this Agreement creates a license only and that Licensee does not and shall not claim at any time any interest or estate of any kind in the public rights-of-way located within the Property by virtue of this license. However, any material separated and removed by Licensee pursuant to the conditions set out herein shall become the property of Licensee upon removal.

It is further understood that within 30 days after completion of the excavation activities, or upon termination of this agreement as set out herein, Licensee shall place a minimum of six (6) inches of topsoil over any excavated or affected areas of the Property, and shall revegatate any such affected areas according to Texas Department of Transportation Standard Specifications for Construction and Maintenance of Highways, Streets and Bridges, 2004, Item 164.

Consideration

2. In consideration for this license, Licensee shall pay Licensor $10.00 and other valuable consideration.

Nonassignable

3. This license granted in this Agreement is personal to Licensee. Any assignment of this Agreement without the consent of Licensor will automatically terminate the license.

Termination of Agreement

4. This Agreement is terminable by either party at will by the giving of 14 days actual notice to the other party, or on May 31st, 2011, whichever occurs first.

Indemnity

5. Licensee shall comply with the requirements of all applicable laws, rules and regulations, and shall indemnify and hold harmless Licensor, its officers, agents and employees from and against any and all claims, losses, damages, causes of action, expenses of litigation, court costs, and attorney's fees, for injury to or death of any person, or for damage to any property, arising out of or in connection with Licensee's exercise of the license and activities on the Property under this Agreement.

Release

6. Licensee assumes full responsibility for its exercise of the license, and hereby releases, relinquishes and discharges Licensor, its officers, agents and employees, from all claims, demands, and causes of action of every kind and character, including the cost of defense thereof, for any injury to, including death, of person (whether they be third persons, contractor, or employees of either of the parties hereto) and any loss of or damage to property (whether the same be that either of the parties hereto or of third parties) caused by or alleged to be caused, arising out of, or in connection with Licensee's exercise of the license under this Agreement whether or not said claims, demands and causes of action in whole or in part are covered by insurance.

Venue

7. This Agreement shall be construed under and according with the laws of the State of Texas, and all obligations of the parties created hereunder are performable in Williamson County, Texas.

Notice

8. Notice shall be mailed to the addresses designated herein or as may be designated in writing by the parties from time to time and shall be deemed received when sent postage prepaid U.S. mail to the following addresses:

LICENSOR: Williamson County, Texas
Attn: County Engineer
710 Main Street, Suite 101
Georgetown, Texas 78626

LICENSEE: Grand Republic Construction
Attn: Ed Albrect
804 South Main
Georgetown, Texas 78628

IN WITNESS WHEREOF, this AGREEMENT is executed on the dates indicated.

WILLIAMSON COUNTY, TEXAS

By:_____
Dan A. Gattis, Williamson County Judge
Date Signed:_____

GRAND REPUBLIC FABRICATION, INC.

By: Ed Albrecht
Ed Albrecht, President
Date Signed: 2/15/11

STATE OF TEXAS)
)
COUNTY OF WILLIAMSON)

BEFORE ME, the undersigned, a notary public in and for said county and state, on this day personally appeared Dan A. Gattis, Williamson County Judge, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purpose and consideration therein expressed.

Given under my hand and seal of office on this the _____ day of February, 2011.

NOTARY PUBLIC in and for the
State of Texas

STATE OF TEXAS)
)
COUNTY OF WILLAMSON)

BEFORE ME, the undersigned, a notary public in and for said county and state, on this day personally appeared Ed Albrecht, President of Grand Republic Fabrication, Inc., on behalf of said business, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purpose and consideration therein expressed.

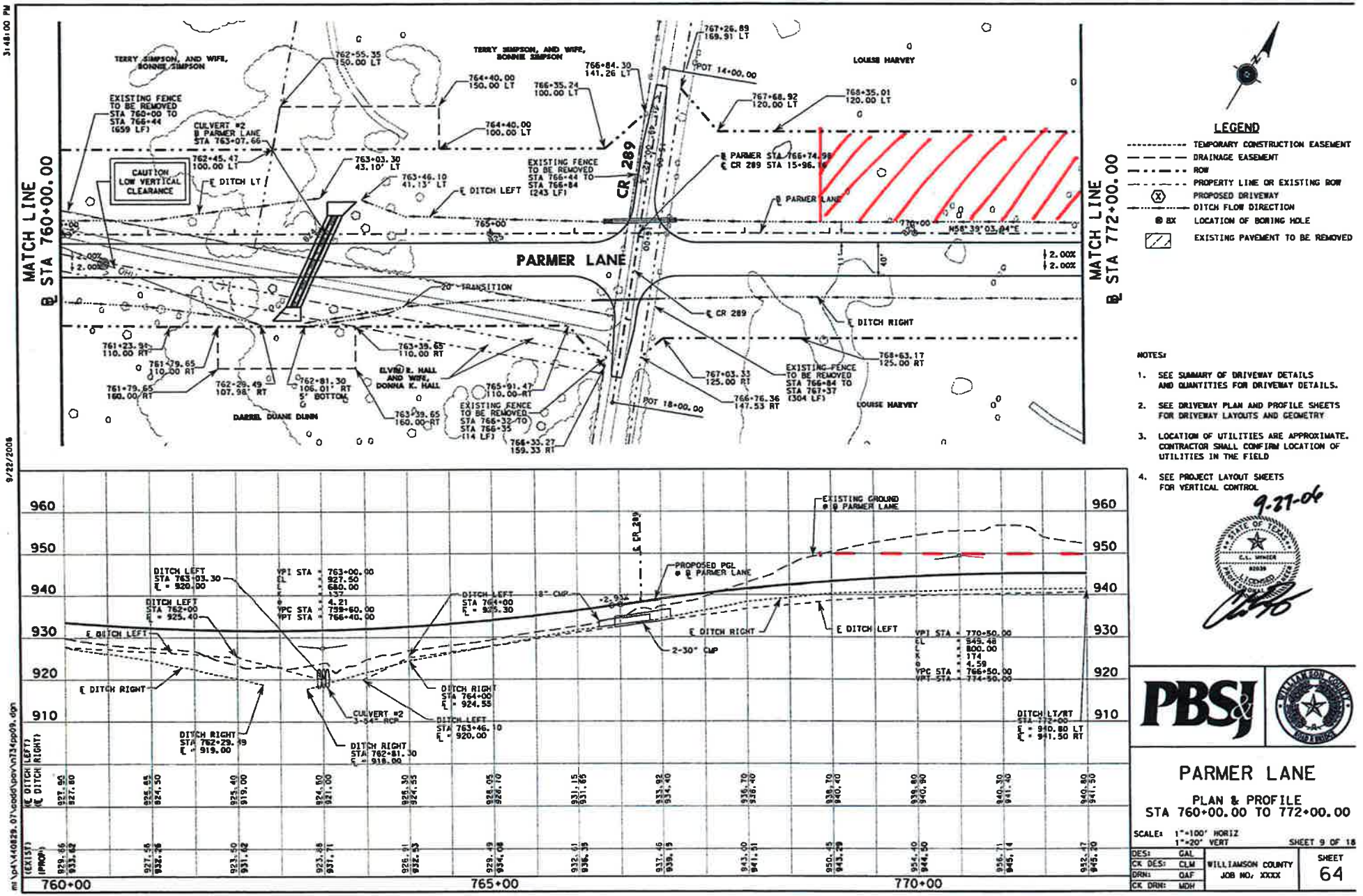
Given under my hand and seal of office on this the 15th day of February, 2011.

NICKEY LAWRENCE NOTARY PUBLIC STATE OF TEXAS EXPIRES 01-31-2015

NOTARY PUBLIC in and for the
State of Texas

After Recording, Please Return To:

Sheets & Crossfield, P.C.
309 East Main
Round Rock, Texas 78664



LEGEND

- TEMPORARY CONSTRUCTION EASEMENT
- DRAINAGE EASEMENT
- ROW
- PROPERTY LINE OR EXISTING ROW
- PROPOSED DRIVEWAY
- DITCH FLOW DIRECTION
- ⊗ BX — LOCATION OF BORING HOLE
- EXISTING PAVEMENT TO BE REMOVED

NOTES:

1. SEE SUMMARY OF DRIVEWAY DETAILS AND QUANTITIES FOR DRIVEWAY DETAILS.
2. SEE DRIVEWAY PLAN AND PROFILE SHEETS FOR DRIVEWAY LAYOUTS AND GEOMETRY
3. LOCATION OF UTILITIES ARE APPROXIMATE. CONTRACTOR SHALL CONFIRM LOCATION OF UTILITIES IN THE FIELD
4. SEE PROJECT LAYOUT SHEETS FOR VERTICAL CONTROL

9-27-06

STATE OF TEXAS — C.L. WINKER — 82039 — LICENSED PROFESSIONAL ENGINEER

PBS&J

PARMER LANE

PLAN & PROFILE
STA 760+00.00 TO 772+00.00

SCALE: 1"=100' HORIZ
1"=20' VERT

SHEET 9 OF 18

DES:	GAL
CK DES:	CLM
DRN:	OAF
CK DRN:	MDH

WILLIAMSON COUNTY
JOB NO. XXXX

SHEET 64

9/22/2006 3:48:00 PM
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Preliminary Approval of Durham Park, Sec 4, Blk A, Replat of Lot 7
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Nickey Lawrence, Unified Road System
Submitted For: Joe England
Department: Unified Road System
Agenda Category: Consent

Information

Agenda Item

Discuss and consider preliminary plat approval for Durham Park, Sec 4, Blk A, replat of Lot 7, Pct. 2.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

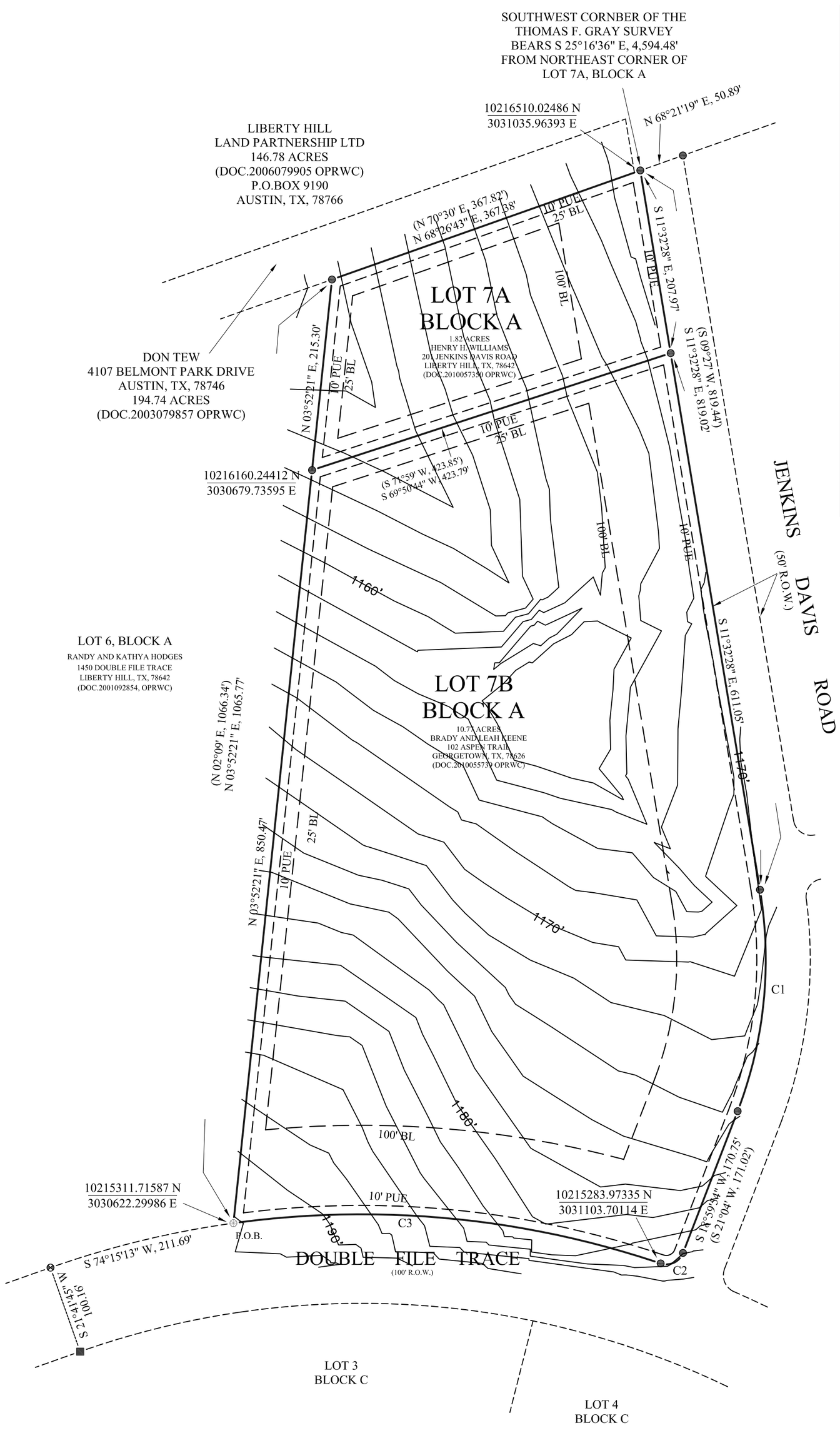
Link: Projects Durham Park, Sec 4, Blk A,Replat Lot 7

Form Routing/Status

Form Started By: Nickey Lawrence
Started On: 02/16/2011 11:40 AM
Final Approval Date: 02/16/2011

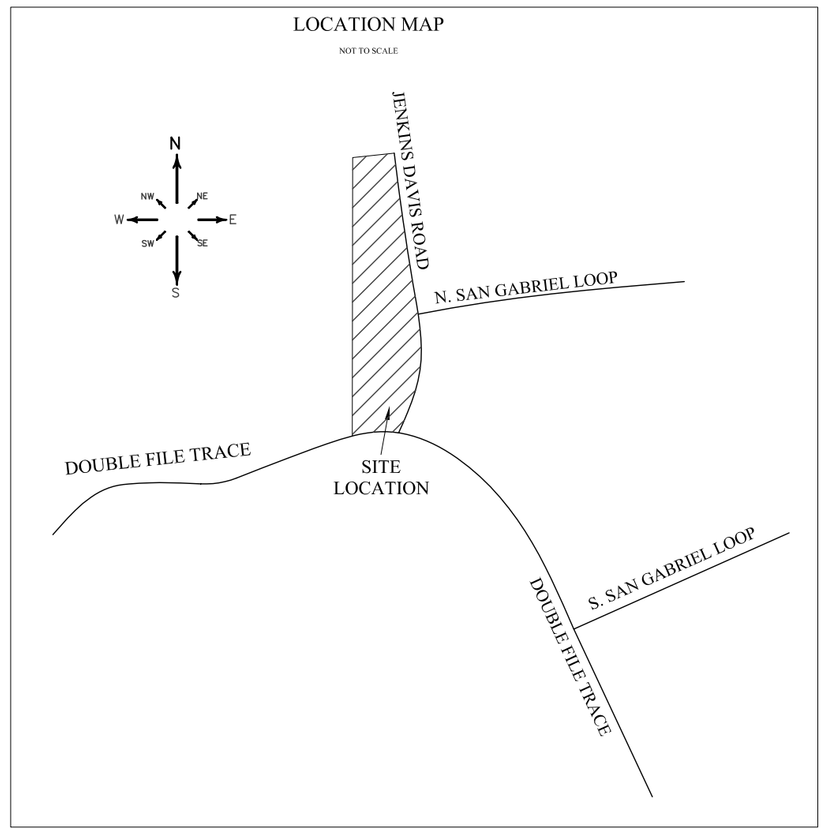
REPLAT OF LOT 7, BLOCK A, DURHAM PARK, SECTION FOUR

LIBERTY HILL, WILLIAMSON COUNTY, TEXAS



LOCATION MAP

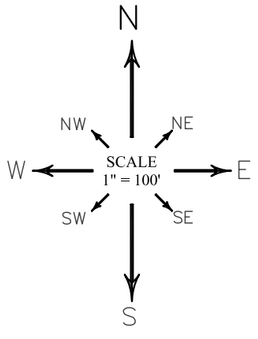
NOT TO SCALE



C1
RADIUS = (475.00')
ARC = 253.01'
CH = S 03°39'49" W, 250.03'
(S 05°48' W, 250.01')

C2
RADIUS = (20.00')
ARC = 30.49'
CH = S 62°47'54" W, 27.62'
(S 64°52' W, 27.68')

C3
RADIUS = (1050.00')
ARC = 486.54'
CH = N 86°42'06" W, 482.20'
(N 84°38' W, 482.98')



LEGEND

⊗	COTTON GIN SPINDLE FOUND
●	1/2" ROD FOUND
○	1/2" ROD SET
⊗	CALCULATED POINT
■	CONCRETE MONUMENT FOUND
BL	BUILDING LINE
PUE	PUBLIC UTILITY ESMT
( )	RECORD INFORMATION
P.O.B.	POINT OF BEGINNING
OPRWC	OFFICIAL PUBLIC RECORDS WILLIAMSON COUNTY

OWNERS: BRADY SCOTT KEANE AND LEAH LIZABETH KEANE / TEXAS POLAR ICE, LLC

ACREAGE: 12.59 ACRES

SURVEY: THOMAS F. GRAY SURVEY

NUMBER OF BLOCKS: 1 **NUMBER OF LOTS: 2**

SURVEYOR: ALL STAR LAND SURVEYING
9020 ANDERSON MILL ROAD, AUSTIN, TEXAS 78729
(JOB# A1208710) PHONE 512-249-8149 FAX 512-331-5217

BENCHMARK: SPINDLE FOUND IN A 10" HACKBERRY TREE AS SHOWN ON PLAT 0F RESUBDIVISION OF LOTS 1 AND 2, DURHAM PARK SECTION 3 RECORDED IN CABINET R, SLIDE 243, PLAT RECORDS NAVD 88 DATUM ELEVATION = 1134.96'

BEARING BASIS: TEXAS STATE PLANE COORDINATES - CENTRAL ZONE SCALE FACTOR = 0.99989832, UNITS: US SURVEY FEET DATUM: NORTH AMERICAN DATUM 1983 (NAD 83)

NOTES:

1. IN ORDER TO PROMOTE DRAINAGE AWAY FROM A STRUCTURE, THE SLAB ELEVATION SHOULD BE BUILT AT LEAST ONE FOOT ABOVE THE SURROUNDING GROUND AND THE GROUND SHOULD BE GRADED AWAY FROM THE STRUCTURE AT A SLOPE OF ½" PER FOOT FOR A DISTANCE OF AT LEAST 10 FEET.

2. A 10 PUBLIC UTILITY EASEMENT IS RESERVED ALONG ALL STREET FRONTAGES WITHIN THIS PLAT

3. THE MONUMENTS OF THIS PLAT HAVE BEEN ROTATED TO THE NAD 83 / 93 HARN - TEXAS CENTRAL ZONE AND NAVD 88.

4. RIGHT OF WAY EASEMENTS FOR WIDENING ROADWAYS, OR IMPROVING DRAINAGE SHALL BE MAINTAINED BY THE LANDOWNER UNTIL ROAD OR DRAINAGE IMPROVEMENTS ARE ACTUALLY CONSTRUCTED ON THE PROPERTY, THE CITY AND/OR COUNTY HAVE THE RIGHT AT ANY TIME TO TAKE POSSESSION OF ANY ROAD WIDENING EASEMENT FOR CONSTRUCTION, IMPROVEMENTS, OR MAINTENANCE OF THE ADJACENT ROAD.

5. THE LANDOWNER ASSUMES ALL RISKS ASSOCIATED WITH IMPROVEMENTS LOCATED IN THE RIGHT OF WAY, OR ROAD WIDENING EASEMENTS. BY PLACING ANYTHING IN THE RIGHT OF WAY OR ROAD WIDENING EASEMENT THE LANDOWNER INDEMNIFIES AND HOLDS WILLIAMSON COUNTY, THEIR OFFICERS, AGENTS AND EMPLOYEES HARMLESS FROM ANY LIABILITY OWING TO PROPERTY DEFECTS OR NEGLIGENCE NOT ATTRIBUTABLE TO THEM AND ACKNOWLEDGES THAT THE IMPROVEMENTS MAY BE REMOVED BY THE CITY AND/OR COUNTY AND THAT THE OWNER OF THE IMPROVEMENTS WILL BE RESPONSIBLE FOR THE RELOCATION AND/OR REPLACEMENT OF THE IMPROVEMENTS.

6. IN APPROVING THIS PLAT BY THE COMMISIONER'S COURT OF WILLIAMSON COUNTY, TEXAS, IT IS UNDERSTOOD THAT THE BUILDING OF ALL STREETS, ROADS, AND OTHER PUBLIC THOROUGHFARES AND ANY BRIDGES OR CULVERTS NECESSARY TO BE CONSTRUCTED OR PLACED IS THE RESPONSIBILITY OF THE OWNERS OF THE TRACT OF LAND COVERED BY THIS PLAT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS AS PRESCRIBED BY THE COMMISIONER'S COURT OF WILLIAMSON COUNTY, TEXAS. SAID COMMISIONER'S COURT ASSUMES NO OBLIGATION TO BUILD ANY OF THE STREETS, ROADS, OR OTHER PUBLIC THOROUGHFARES SHOWN ON THIS PLAT OR OF CONSTRUCTING ANY OF THE BRIDGES OR DRAINAGE IMPROVEMENTS IN CONNECTION THEREWITH. WILLIAMSON COUNTY WILL ASSUME NO RESPONSIBILITY FOR DRAINAGE WAYS OR EASEMENTS IN THE SUBDIVISION, OTHER THAN THOSE DRAINAGE OR PROTECTING THE ROAD SYSTEM AND STREETS.

7. NO LOT IN THIS SUBDIVISION IS ENCROACHED BY ANY SPECIAL FLOOD HAZARD AREAS INUNDATED BY THE 100-YEAR FLOOD PLAIN AS IDENTIFED BY THE U.S. FEDERAL EMERGENCY MANAGEMENT AGENCY BOUNDARY MAP, FIRM MAP NUMBER 48491 C 0250 E, EFFECTIVE DATE OF SEPTEMBER 26, 2008, FOR WILLIAMSON COUNTY, TEXAS.

9. ALL PUBLIC ROADWAYS AND EASEMENTS AS SHOWN ON THE PLAT ARE FREE OF LIENS. REQUIRED RELEASE OF LIENS SHALL BE PROVIDED TO THE COMMISIONERS COURT.

10. SUBJECT TO ALL EASEMENTS, RESTRICTIONS AND BUILDING SETBACK LINES AS PER PLAT IN CABINET C, SLIDES 97-99 PLAT RECORDS, AND DEED RESTRICTIONS FOR DURHAM PARK VI, RECORDED IN VOLUME 611, PAGE 819, DEED RECORDS.

11. THIS LOT IS NOT IN THE EDWARDS AQUIFER RECHARGE ZONE.

12. WELLS MUST BE LOCATED AT LEAST 50 FEET FROM ANY PROPERTY LINE AND MUST HAVE A 100 FOOT RADIAL SANITARY EASEMENT AROUND THE APPROVED WELL SITE.

13. THERE SHALL BE A 25' OSSF SETBACK FROM ANY DRAINAGE WAY, DRAINAGE EASEMENTS OR WATERCOURSES.

14. NO STRUCTURE OR LAND ON THIS PLAT SHALL HEREAFTER BE LOCATED OR ALTERED WITHOUT FIRST SUBMITTING A CERTIFICATE OF COMPLIANCE TO THE WILLIAMSON COUNTY FLOOD PLAIN ADMINISTRATOR.

FIELD NOTES:

BEING 12.59 ACRES OF LAND, OUT OF THE THOMAS F. GRAY SURVEY, WILLIAMSON COUNTY, TEXAS, BEING ALL OF LOT 7, BLOCK A, DURHAM PARK, SECTION FOUR, A SUBDIVISION RECORDED IN CABINET C, SLIDES 97-99, PLAT RECORDS, WILLIAMSON COUNTY, TEXAS, SAME BEING ALL OF THAT CERTAIN BRADY AND LEAH KEENE 10.77 ACRE TRACT RECORDED IN DOCUMENT NUMBER 2010055739, OFFICIAL PUBLIC RECORDS, WILLIAMSON COUNTY, TEXAS, AND ALL OF THAT CERTAIN HENRY H. WILLIAMS 1.8201 ACRE TRACT RECORDED IN DOCUMENT NUMBER 2010057350, OFFICIAL PUBLIC RECORDS, WILLIAMSON COUNTY, TEXAS, SAID 12.59 ACRES OF LAND TO BE MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING at a cotton gin spindle found in the northerly right-of-way line of Double File Trace, at the southeast corner of Lot 6, Block A of said subdivision, same being the southwest corner of said Lot 7, for the southwest corner hereof;

THENCE North 03 degrees 52 minutes 21 seconds East, along the common line of said Lots 6 and 7, 1,065.77 feet to an iron rod found in the southerly line of that certain Don Tew 194.74 acre tract recorded in Document Number 2003079857, Official Public Records, said county, same being the northwest corner of said Lot 7, for the northwest corner hereof;

THENCE North 68 degrees 26 minutes 43 seconds East, along the southerly line of said 194.74 acre tract and the certain Liberty Hill Land Partnership LTD 146.78 acre tract recorded in Document Number 2006079905, Official Public Records, said county, and the northerly line of said Lot 7, 367.38 feet to an iron rod found in the westerly right-of-way line of Jenkins Davis Road, in the southerly line of said 146.78 acre tract, same being the northeast corner of said Lot 7, for the northeast corner hereof, from which the southeast corner of said Thomas F. Gray survey bears, South 25 degrees 16 minutes 36 seconds East, 4,594.48 feet;

THENCE along said Jenkins Davis Road and the easterly line of said Lot 7, the following 4 calls,

1. South 11 degrees 32 minutes 28 seconds East, 819.02 feet to an iron rod found at the beginning of a curve to the right having a radius of 475.00 feet,
2. along said curve to the right whose chord bears, South 03 degrees 39 minutes 49 seconds West, 250.03 feet to an iron rod found at the end of said curve to the right,
3. South 18 degrees 59 minutes 54 seconds West, 170.75 feet to an iron rod found at the beginning of a curve to the right having a radius of 20.00 feet,
4. along said curve to the right whose chord bears, South 62 degrees 47 minutes 54 seconds West, 27.62 feet to an iron rod found at the intersection of said Jenkins Davis Road and said Double File Trace, being in a curve to the left having a radius of 1,050.00 feet, same being the southeast corner of said Lot 7, for the southeast corner hereof;

THENCE along said Double File Trace, the southerly line of said Lot 7, along said curve to the left whose chord bears, North 86 degrees 42 minutes 06 seconds West, 482.20 feet to the POINT OF BEGINNING.

REPLAT OF LOT 7, BLOCK A, DURHAM PARK, SECTION FOUR

LIBERTY HILL, WILLIAMSON COUNTY, TEXAS

STATE OF TEXAS
COUNTY OF WILLIAMSON

THAT WE, BRADY SCOTT KEENE AND LEAH LIZABETH KEENE, AS THE OWNER OF THAT CERTAIN 10.77 ACRES OUT OF LOT 7, BLOCK A, DURHAM PARK, SECTION FOUR, A SUBDIVISION RECORDED IN CABINET C, SLIDES 97-99, PLAT RECORDS, WILLIAMSON COUNTY, TEXAS, RECORDED IN DOCUMENT NUMBER 2010055739, OF THE OFFICIAL PUBLIC RECORDS, WILLIAMSON COUNTY, TEXAS, DO HEREBY JOIN, APPROVE, AND CONSENT TO ALL DEDICATIONS AND PLAT NOTE REQUIREMENTS SHOWN HEREON. WE DO HEREBY APPROVE THE RECORDATION OF THIS SUBDIVISION PLAT AND DEDICATE TO THE PUBLIC USE FOREVER ANY EASEMENTS AND ROADS THAT ARE SHOWN HEREON. THIS SUBDIVISION IS TO BE KNOWN AS "*REPLAT OF LOT 7, BLOCK A, DURHAM PARK, SECTION FOUR*".

_____ _____
BRADY SCOTT KEENE
102 ASPEN TRAIL
GEORGETOWN, TX. 78626

LEAH LIZABETH KEENE
102 ASPEN TRAIL
GEORGETOWN, TX. 78626

STATE OF TEXAS
COUNTY OF WILLIAMSON

BEFORE ME, THE UNDERSIGNED AUTHORITY ON THIS DAY PERSONALLY APPEARED BRADY SCOTT KEENE, KNOWN TO ME TO BE THE PERSON WHOSE NAME ARE SUBSCRIBED TO THE FOREGOING INSTRUMENT, IT HAS BEEN ACKNOWLEDGED TO ME THAT HE/SHE EXECUTED THE FOREGOING INSTRUMENT AS THE OWNER OF THE PROPERTY DESCRIBED HEREON.

_____
NOTARY PUBLIC, STATE OF TEXAS

STATE OF TEXAS
COUNTY OF WILLIAMSON

BEFORE ME, THE UNDERSIGNED AUTHORITY ON THIS DAY PERSONALLY APPEARED LEAH LIZABETH KEENE, KNOWN TO ME TO BE THE PERSON WHOSE NAME ARE SUBSCRIBED TO THE FOREGOING INSTRUMENT, IT HAS BEEN ACKNOWLEDGED TO ME THAT HE/SHE EXECUTED THE FOREGOING INSTRUMENT AS THE OWNER OF THE PROPERTY DESCRIBED HEREON.

_____
NOTARY PUBLIC, STATE OF TEXAS

STATE OF TEXAS
COUNTY OF WILLIAMSON

THAT I, FIRST TEXAS BANK, GEORGETOWN, TEXAS, THE LIEN HOLDER OF THE CERTAIN TRACT OF LAND SHOWN HEREON AND DESCRIBED IN A WARRANTY DEED WITH VENDOR'S LIEN, RECORDED IN DOCUMENT NUMBER 2010055739, OF THE OFFICIAL PUBLIC RECORDS, WILLIAMSON COUNTY, TEXAS, DO HEREBY JOIN, APPROVE, AND CONSENT TO ALL DEDICATIONS AND PLAT NOTE REQUIREMENTS SHOWN HEREON. WE DO HEREBY APPROVE THE RECORDATION OF THIS SUBDIVISION PLAT AND DEDICATE TO THE PUBLIC USE FOREVER ANY EASEMENTS AND ROADS THAT ARE SHOWN HEREON. THIS SUBDIVISION IS TO BE KNOWN AS "*REPLAT OF LOT 7, BLOCK A, DURHAM PARK, SECTION FOUR*".

_____
BARRY J. HAAG
FOR FIRST TEXAS BANK, GEORGETOWN, TEXAS
5321 WILLIAMS DRIVE
GEORGETOWN, TX. 78626

STATE OF TEXAS
COUNTY OF WILLIAMSON

BEFORE ME, THE UNDERSIGNED AUTHORITY ON THIS DAY PERSONALLY APPEARED BARRY J. HAAG, KNOWN TO ME TO BE THE PERSON WHOSE NAME ARE SUBSCRIBED TO THE FOREGOING INSTRUMENT, IT HAS BEEN ACKNOWLEDGED TO ME THAT HE/SHE EXECUTED THE FOREGOING INSTRUMENT AS THE OWNER OF THE PROPERTY DESCRIBED HEREON.

_____
NOTARY PUBLIC, STATE OF TEXAS

STATE OF TEXAS
COUNTY OF WILLIAMSON

THAT I, HENRY H. WILLIAMS, AS THE OWNER OF THAT CERTAIN 1.78 ACRES OUT OF LOT 7, BLOCK A, DURHAM PARK, SECTION FOUR, A SUBDIVISION RECORDED IN CABINET C, SLIDES 97-99, PLAT RECORDS, WILLIAMSON COUNTY, TEXAS, AND BEING THE SAME 1.78 ACRE TRACT RECORDED IN DOCUMENT NUMBER 2010057350, OF THE OFFICIAL PUBLIC RECORDS, WILLIAMSON COUNTY, TEXAS, DO HEREBY JOIN, APPROVE, AND CONSENT TO ALL DEDICATIONS AND PLAT NOTE REQUIREMENTS SHOWN HEREON. WE DO HEREBY APPROVE THE RECORDATION OF THIS SUBDIVISION PLAT AND DEDICATE TO THE PUBLIC USE FOREVER ANY EASEMENTS AND ROADS THAT ARE SHOWN HEREON. THIS SUBDIVISION IS TO BE KNOWN AS "*REPLAT OF LOT 7, BLOCK A, DURHAM PARK, SECTION FOUR*".

_____
HENRY H. WILLIAMS
201 JENKINS DAVIS ROAD
LIBERTY HILL, TX. 78642

STATE OF TEXAS
COUNTY OF WILLIAMSON

BEFORE ME, THE UNDERSIGNED AUTHORITY ON THIS DAY PERSONALLY APPEARED HENRY H. WILLIAMS, KNOWN TO ME TO BE THE PERSON WHOSE NAME ARE SUBSCRIBED TO THE FOREGOING INSTRUMENT, IT HAS BEEN ACKNOWLEDGED TO ME THAT HE/SHE EXECUTED THE FOREGOING INSTRUMENT AS THE OWNER OF THE PROPERTY DESCRIBED HEREON.

_____
NOTARY PUBLIC, STATE OF TEXAS

STATE OF TEXAS
COUNTY OF WILLIAMSON

THAT I, PRIME LENDING, A PLAINSCAPITAL COMPANY., THE LIEN HOLDER OF THE CERTAIN TRACT OF LAND SHOWN HEREON AND DESCRIBED IN A WARRANTY DEED WITH VENDOR'S LIEN, RECORDED IN DOCUMENT NUMBER 2010057350, OF THE OFFICIAL PUBLIC RECORDS, WILLIAMSON COUNTY, TEXAS, DO HEREBY JOIN, APPROVE, AND CONSENT TO ALL DEDICATIONS AND PLAT NOTE REQUIREMENTS SHOWN HEREON. WE DO HEREBY APPROVE THE RECORDATION OF THIS SUBDIVISION PLAT AND DEDICATE TO THE PUBLIC USE FOREVER ANY EASEMENTS AND ROADS THAT ARE SHOWN HEREON. THIS SUBDIVISION IS TO BE KNOWN AS "*REPLAT OF LOT 7, BLOCK A, DURHAM PARK, SECTION FOUR*".

_____
ALLAN B. POLUNSKY
FOR PRIME LENDING, A PLAINSCAPITAL COMPANY
_____(ADDRESS)
_____
_____

STATE OF TEXAS
COUNTY OF WILLIAMSON

BEFORE ME, THE UNDERSIGNED AUTHORITY ON THIS DAY PERSONALLY APPEARED ALLAN B. POLUNSKY, KNOWN TO ME TO BE THE PERSON WHOSE NAME ARE SUBSCRIBED TO THE FOREGOING INSTRUMENT, IT HAS BEEN ACKNOWLEDGED TO ME THAT HE/SHE EXECUTED THE FOREGOING INSTRUMENT AS THE OWNER OF THE PROPERTY DESCRIBED HEREON.

_____
NOTARY PUBLIC, STATE OF TEXAS

I, EDWARD C. RUMSEY, AM AUTHORIZED UNDER THE LAWS OF THE STATE OF TEXAS TO PRACTICE THE PROFESSION OF SURVEYING, AND HEREBY CERTIFY THAT THIS PLAT IS TRUE AND CORRECT TO THE BEST OF MY ABILITY, AND WAS PREPARED FROM AN ACTUAL SURVEY OF THE PROPERTY MADE UNDER MY SUPERVISION ON THE GROUND; THAT ALL BOUNDARY MONUMENTATION ARE IN PLACE AS INDICATED HEREON

_____
EDWARD C. RUMSEY DATE
REGISTERED PROFESSIONAL LAND SURVEYOR NO. 5729
9020 ANDERSON MILL ROAD
AUSTIN, TEXAS, 78729
PHONE 512-249-8149 FAX 512-331-5217

BASED UPON THE REPRESENTATIONS OF THE SURVEYOR WHOSE SEAL IS AFFIXED HERETO, AND AFTER REVIEW OF THE PLAT AS REPRESENTED BY THE SAID SURVEYOR, I FIND THAT THIS PLAT COMPLIES WITH THE REQUIREMENTS OF THE EDWARDS AQUIFER REGULATIONS FOR WILLIAMSON COUNTY, AND WILLIAMSON COUNTY ON-SITE SEWERAGE FACILITY REGULATIONS. THIS CERTIFICATION IS MADE SOLEY UPON FOR VERIFICATIONS OF THE FACTS ALLEGED. THE WILLIAMSON COUNTY AND CITIES HEALTH DISTRICT AND WILLIAMSON COUNTY DISCLAIMS ANY RESPONSIBILITY TO ANY MEMBER OF THE PUBLIC FOR INDEPENDENT VERIFICATION OF THE REPRESENTATIONS, FACTUAL OR OTHERWISE, CONTAINED IN THIS PLAT AND THE DOCUMANTS ASSOCIATED WITHIN IT.

_____ _____
STEVE GILMER, RS, OS6592 DATE
FOR EXECUTIVE DIRECTOR WCCHD

ROAD NAME AND ADDRESS ASSIGNMENT VERIFIED THIS THE _____ DAY OF _____, 2011.

_____
WILLIAMSON COUNTY ADDRESS COORDINATOR

STATE OF TEXAS
COUNTY OF WILLIAMSON

I, DAN A. GATTIS, COUNTY JUDGE OF WILLIAMSON COUNTY, TEXAS, DO HEREBY CERTIFY THAT THIS MAP OR PLAT, WITH FIELD NOTES HEREON, THAT A SUBDIVISION HAVING BEEN FULLY PRESENTED TO THE COMMISIONERS' COURT OF WILLIAMSON COUNTY, TEXAS, AND BY THE SAID COURT DULY CONSIDERED, WERE ON THIS DAY APPROVED AND PLAT IS AUTHORIZED TO BE REGISTERED AND RECORDED IN THE PROPER RECORDS OF THE COUNTY CLERK OF WILLIAMSON COUNTY, TEXAS.

_____ _____
DAN A. GATTIS, COUNTY JUDGE DATE
WILLIAMSON COUNTY, TEXAS

STATE OF TEXAS
COUNTY OF WILLIAMSON

I, NANCY RISTER, CLERK OF COUNTY COURT OF SAID COUNTY, DO HEREBY CERTIFY THAT THE FOREGOING INSTRUMENT IN WRITING, WITH ITS CERTIFICATE OF AUTHENTICATION, WAS FILED FOR RECORD IN MY OFFICE ON THE DAY OF _____,20 ___, A.D., AT ____ O'CLOCK ___.M. AND DULY RECORDED ON THIS THE DAY OF_____, 20___, A.D., AT ___ O'CLOCK ___.M. IN THE PLAT RECORDS OF SAID COUNTY IN CABINET_____, SLIDE_____.

WITNESS MY HAND AND SEAL OF THE COUNTY COURT OF SAID COUNTY, AT OFFICE IN GEORGETOWN, TEXAS THE DATE LAST ABOVE WRITTEN.

_____
NANCY RISTER, CLERK, COUNTY COURT

WCEMS Best Practices
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Kenny Schnell, EMS
Submitted For: Kenny Schnell
Department: EMS
Agenda Category: Regular Agenda Items

Information

Agenda Item

Williamson County Emergency Medical Services Best Practices in EMS presentation.

Background

WCEMS will be updating the county on WCEMS Best Practices in EMS with county cardiac survival rates, myocardial infarction door to bolloon times, stroke center and trauma center data to be presented by WCEMS and Dr. Stephen Benold.

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

No file(s) attached.

Form Routing/Status

Form Started By: Kenny Schnell
Started On: 02/16/2011 11:25 AM
Final Approval Date: 02/16/2011

Local Initiative Project update
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Gary Boyd, Parks
Submitted For: Gary Boyd
Department: Parks
Agenda Category: Regular Agenda Items

Information

Agenda Item

Hear update on Local Initiative Project activities under the counterfeit inspection certificate program.

Background

This is the first of regular updates on activities under the LIP. The LIP is funded through a grant from Texas Commission on Environmental Quality under the Low-Income Vehicle Repair, Retrofit, and Accelerated Retirement Program (LIRAP) that is administered locally as part of the Drive a Clean Machine program, also known as AirCheck Texas.

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

No file(s) attached.

Form Routing/Status

Form Started By: Gary Boyd
Started On: 02/16/2011 01:25 PM
Final Approval Date: 02/16/2011

2006 Road Bond Transfer Request
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Pam Navarrette, County Auditor
Submitted For: Pam Navarrette
Department: County Auditor
Agenda Category: Regular Agenda Items

Information

Agenda Item

Consider authorizing 2006 Road Bond transfer request per recommendation of Mike Weaver, Road Bond Manager to move $3,000,000.00 from non-departmental (P156) to SH 195 (P149).

Background

To cover committed utility bills on SH 195 until reimbursement is received by TXDOT.

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

No file(s) attached.

Form Routing/Status

Form Started By: Pam Navarrette
Started On: 02/17/2011 10:50 AM
Final Approval Date: 02/17/2011

Gordon Real Estate Contract - Chandler Road - Section IIIA (P13)
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Charlie Crossfield, Road Bond
Submitted For: Charlie Crossfield
Department: Road Bond
Agenda Category: Regular Agenda Items

Information

Agenda Item

Consider authorizing County Judge to execute a Real Estate Contract with Larry Martin Gordon, Jr., Lauren Gordon, Larry Martin Gordon, Sr., and Judi M. Gordon for right-of-way needed on Chandler Road, Section IIIA. (P13)

Background

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

Link: Gordon RE Contract Chandler Road Section IIIA P13

Form Routing/Status

Form Started By: Charlie Crossfield Started On: 02/17/2011 09:49 AM

Final Approval Date: 02/17/2011

REAL ESTATE CONTRACT
Chandler Road (Section IIIA)--Right of Way

State of Texas
County of Williamson

THIS REAL ESTATE CONTRACT ("Contract") is made by and between LARRY MARTIN GORDON, JR., LAUREN GORDON, LARRY MARTIN GORDON, SR., and JUDI M. GORDON, (referred to in this Contract as "Seller", whether one or more) and the COUNTY OF WILLIAMSON (referred to in this Contract as "Purchaser"), upon the terms and conditions set forth in this Contract.

ARTICLE I
PURCHASE AND SALE

By this Contract, Seller sells and agrees to convey, and Purchaser purchases and agrees to pay for, the tract(s) of land described as follows:

> All of that certain 0.070 acre tract of land, more or less, situated in the James Eaves Survey, Abstract No. 213, in Williamson County, Texas, being more fully described by metes and bounds in Exhibit "A", attached hereto and incorporated herein (Parcel 13); and

together with all and singular the rights and appurtenances pertaining to the property, including any right, title and interest of Seller in and to adjacent streets, alleys or rights-of-way (all of such real property, rights, and appurtenances being referred to in this Contract as the "Property"), and any improvements and fixtures situated on and attached to the Property described in Exhibit "A", for the consideration and upon and subject to the terms, provisions, and conditions set forth below.

ARTICLE II
PURCHASE PRICE

Purchase Price and Additional Compensation

2.01. The Purchase Price for the Property described in Exhibit "A" shall be the sum of ONE THOUSAND TWO HUNDRED and 00/100 Dollars ($1,200.00).

2.01.1. Purchaser further agrees to pay the amount of ONE THOUSAND TWO HUNDRED AND 00/100 Dollars ($1,200.00) as Additional Compensation for the relocation or replacement of any fencing on the new boundary of the Property, or for any damages or reconfiguration or cost to cure for the remaining property of Seller.

Special Provisions

2.02. **SELLER'S FENCE RELOCATION/REPLACEMENT OBLIGATION: As an obligation which shall survive the closing of this transaction, by execution of this Contract Seller agrees that within 60 days after the closing of this transaction, or on or before other date agreed to between Seller and Purchaser in writing, it shall complete the construction of any fencing along the new right of way line which is necessary to contain any livestock or other animals within the remaining property of Seller and prevent them from entering the purchased Property in order to allow Purchaser to remove any existing fencing on the Property and construct the planned Chandler Road roadway improvements thereon. Seller further agrees to restore any currently existing access gates or other entry points used by any utility company having an easement interest in and to the remaining property of Seller.**

Payment of Purchase Price

2.02. The Purchase Price shall be payable in cash at the closing.

ARTICLE III
PURCHASER'S OBLIGATIONS

Conditions to Purchaser's Obligations

3.01. The obligations of Purchaser hereunder to consummate the transactions contemplated hereby are subject to the satisfaction of each of the following conditions (any of which may be waived in whole or in part by Purchaser at or prior to the closing.)

Miscellaneous Conditions

3.02. Seller shall have performed, observed, and complied with all of the covenants, agreements, and conditions required by this Contract to be performed, observed, and complied with by Seller prior to or as of the closing.

ARTICLE IV
REPRESENTATIONS AND WARRANTIES OF SELLER

Seller hereby represents and warrants to Purchaser as follows, which representations and warranties shall be deemed made by Seller to Purchaser also as of the closing date, to the best of Seller's knowledge:

(1) There are no parties in possession of any portion of the Property as lessees, tenants at sufferance, or trespassers, other than previously disclosed to Purchaser;

(2) Seller has complied with all applicable laws, ordinances, regulations, statutes, rules and restrictions relating to the Property, or any part thereof;

The Property herein is being conveyed to Purchaser under threat of condemnation.

ARTICLE V
CLOSING

Closing Date

5.01. The closing shall be held at the office of Texas American Title Company on or before March 15, 2011, or at such time, date, and place as Seller and Purchaser may agree upon, or within 10 days after the completion of any title curative matters if necessary for items as shown on the Title Commitment or in the contract (which date is herein referred to as the "closing date").

Seller's Obligations at Closing

5.02. At the closing Seller shall:

(1) Deliver to Williamson County a duly executed and acknowledged Special Warranty Deed conveying good and indefeasible title in fee simple to all of the Property described in Exhibit "A", all free and clear of any and all liens and restrictions, except for the following:

(a) General real estate taxes for the year of closing and subsequent years not yet due and payable;

(b) Any exceptions approved by Purchaser pursuant to Article III hereof; and

(c) Any exceptions approved by Purchaser in writing.

The deed shall be in the form as shown in Exhibit "B" attached hereto.

(2) Deliver to Purchaser a Texas Owner's Title Policy at Purchaser's sole expense, issued by Title Company, in Grantee's favor in the full amount of the purchase price, insuring Grantee's fee simple title and/or easement interests to the Property subject only to those title exceptions listed herein, such other exceptions as may be approved in writing by Purchaser, and the standard printed exceptions contained in the usual form of Texas Owner's Title Policy, provided, however:

(a) The boundary and survey exceptions shall be deleted;

(b) The exception as to restrictive covenants shall be endorsed "None of Record", if applicable; and

(c) The exception as to the lien for taxes shall be limited to the year of closing and shall be endorsed "Not Yet Due and Payable."

(3) Deliver to Purchaser possession of the Property if not previously done.

Purchaser's Obligations at Closing

5.03. At the Closing, Purchaser shall:

(a) Pay the cash portion of the Purchase Price and Additional Compensation.

Prorations

5.04. General real estate taxes for the then current year relating to the Property shall be prorated as of the closing date and shall be adjusted in cash at the closing. If the closing shall occur before the tax rate is fixed for the then current year, the apportionment of taxes shall be upon the basis of the tax rate for the next preceding year applied to the latest assessed valuation. Agricultural roll-back taxes, if any, shall be paid by Purchaser.

Closing Costs

5.05. All costs and expenses of closing in consummating the sale and purchase of the Property shall be borne and paid as follows:

(1) Owner's Title Policy and survey to be paid by Purchaser.

(2) Deed, tax certificates, and title curative matters, if any, paid by Purchaser.

(3) All other closing costs shall be paid by Purchaser.

(4) Attorney's fees paid by each respectively.

ARTICLE VI
BREACH BY SELLER

In the event Seller shall fail to fully and timely perform any of its obligations hereunder or shall fail to consummate the sale of the Property for any reason, except Purchaser's default, Purchaser may: (1) enforce specific performance of this Contract; or (2) request that the Escrow Deposit, if any, shall be forthwith returned by the title company to Purchaser.

ARTICLE VII
BREACH BY PURCHASER

In the event Purchaser should fail to consummate the purchase of the Property, the conditions to Purchaser's obligations set forth in Article III having been satisfied and Purchaser being in default and Seller not being in default hereunder, Seller shall have the right to receive the Escrow Deposit, if any, from the title company, the sum being agreed on as liquidated damages for the failure of Purchaser to perform the duties, liabilities, and obligations imposed upon it by the terms and provisions of this Contract, and Seller agrees to accept and take this cash payment as its total damages and relief and as Seller's sole remedy hereunder in such event. If no Escrow Deposit has been made then Seller shall receive the amount of $500 as liquidated damages for any failure by Purchaser.

ARTICLE VIII
MISCELLANEOUS

Notice

8.01. Any notice required or permitted to be delivered hereunder shall be deemed received when sent by United States mail, postage prepaid, certified mail, return receipt requested, addressed to Seller or Purchaser, as the case may be, at the address set forth opposite the signature of the party.

Texas Law to Apply

8.02. This Contract shall be construed under and in accordance with the laws of the State of Texas, and all obligations of the parties created hereunder are performable in Williamson County, Texas.

Parties Bound

8.03. This Contract shall be binding upon and inure to the benefit of the parties and their respective heirs, executors, administrators, legal representatives, successors and assigns where permitted by this Contract.

Legal Construction

8.04. In case any one or more of the provisions contained in this Contract shall for any reason be held to be invalid, illegal, or unenforceable in any respect, this invalidity, illegality, or unenforceability shall not affect any other provision hereof, and this Contract shall be construed as if the invalid, illegal, or unenforceable provision had never been contained herein.

Prior Agreements Superseded

8.05. This Contract constitutes the sole and only agreement of the parties and supersedes any prior understandings or written or oral agreements between the parties respecting the within subject matter.

Time of Essence

8.06. Time is of the essence in this Contract.

Gender

8.07. Words of any gender used in this Contract shall be held and construed to include any other gender, and words in the singular number shall be held to include the plural, and vice versa, unless the context requires otherwise.

Memorandum of Contract

8.08. Upon request of either party, the parties shall promptly execute a memorandum of this Contract suitable for filing of record.

Compliance

8.09 In accordance with the requirements of Section 20 of the Texas Real Estate License Act, Purchaser is hereby advised that it should be furnished with or obtain a policy of title insurance or Purchaser should have the abstract covering the Property examined by an attorney of Purchaser's own selection.

Effective Date

8.10 This Contract shall be effective as of the date it is approved by the Williamson County Commissioner's Court, which date is indicated beneath the Judge's signature below.

Counterparts

8.11 This Contract may be executed in any number of counterparts, which may together constitute the Contract. Signatures transmitted by facsimile may be considered effective as originals for purposes of this Contract.

Possession and Use Agreement

8.12 By signing this contract the parties agree that if Purchaser has complied with all obligations of this contract and has deposited the full amount of the Purchase Price and Additional Compensation in the escrow account of the Title Company, Seller agrees to allow Purchaser and its contractors and assigns to use and possess the Property for the purpose of constructing and/or improving a public roadway and related facilities, including the relocation of utilities, if necessary to begin the project prior to the completion of the closing of this transaction if closing cannot occur because of any outstanding title curative matters as referenced in Section 5.01. Upon request by Purchaser, Seller agrees that it shall execute a separate possession and use agreement which is suitable for recording in the real property records of Williamson County.

SELLER:

_____ Address:_____
Larry Martin Gordon, Jr.
Date:_____ _____

_____ Address:_____
Lauren Gordon
Date:_____ _____

_____ Address:_____
Larry Martin Gordon, Sr.
Date:_____ _____

_____ Address:_____
Judi M. Gordon
Date:_____ _____

PURCHASER:

COUNTY OF WILLIAMSON

By: _____
Dan A. Gattis, County Judge
Date: _____

Address: 710 Main Street
Suite 101
Georgetown, Texas 78626

(13)

EXHIBIT
tabbies
A

STATE OF TEXAS
COUNTY OF WILLIAMSON

June 1, 2005

TRACT THIRTEEN – 0.070 ACRE

These notes describe that certain tract of land located in **JAMES EAVES SURVEY, ABSTRACT NO. 213**, in Williamson County, Texas; subject tract being part of and out of a called "Lot 4 – Plantation Acres" conveyed in a Warranty Deed with Vendor's Lien from Janet Church to Robert D. Seaton, et ux, dated 5-23-02 and recorded in Document No. 2002039594, of the Official Public Records of Williamson County, Texas, (OPRWC); being surveyed on the ground under the direct supervision of Bruce Lane Bryan, Registered Professional Land Surveyor No. 4249, on June 1, 2005; subject tract being more fully described as follows:

BEGINNING at a ½" Iron Rod found (N: 10196218.3390, E: 3187906.9850), being the Northwest corner of said "Lot 4 – Plantation Acres", same being the Northeast corner of a called "12.794 Acres" conveyed in a Warranty Deed from Glenn W. Atkinson, et ux, to Terry Gibich, et ux, dated 7-27-05 and recorded in Document No. 2005061151, (OPRWC); same being in the South line of a called "48.5 Acres" conveyed in a Executor's Deed from Charles Mervin Walker, et al, to Charlotte Lyn Davis, dated 3-9-00 and recorded in Document No. 2000014961, (OPRWC); same being the Northwest corner of subject tract;

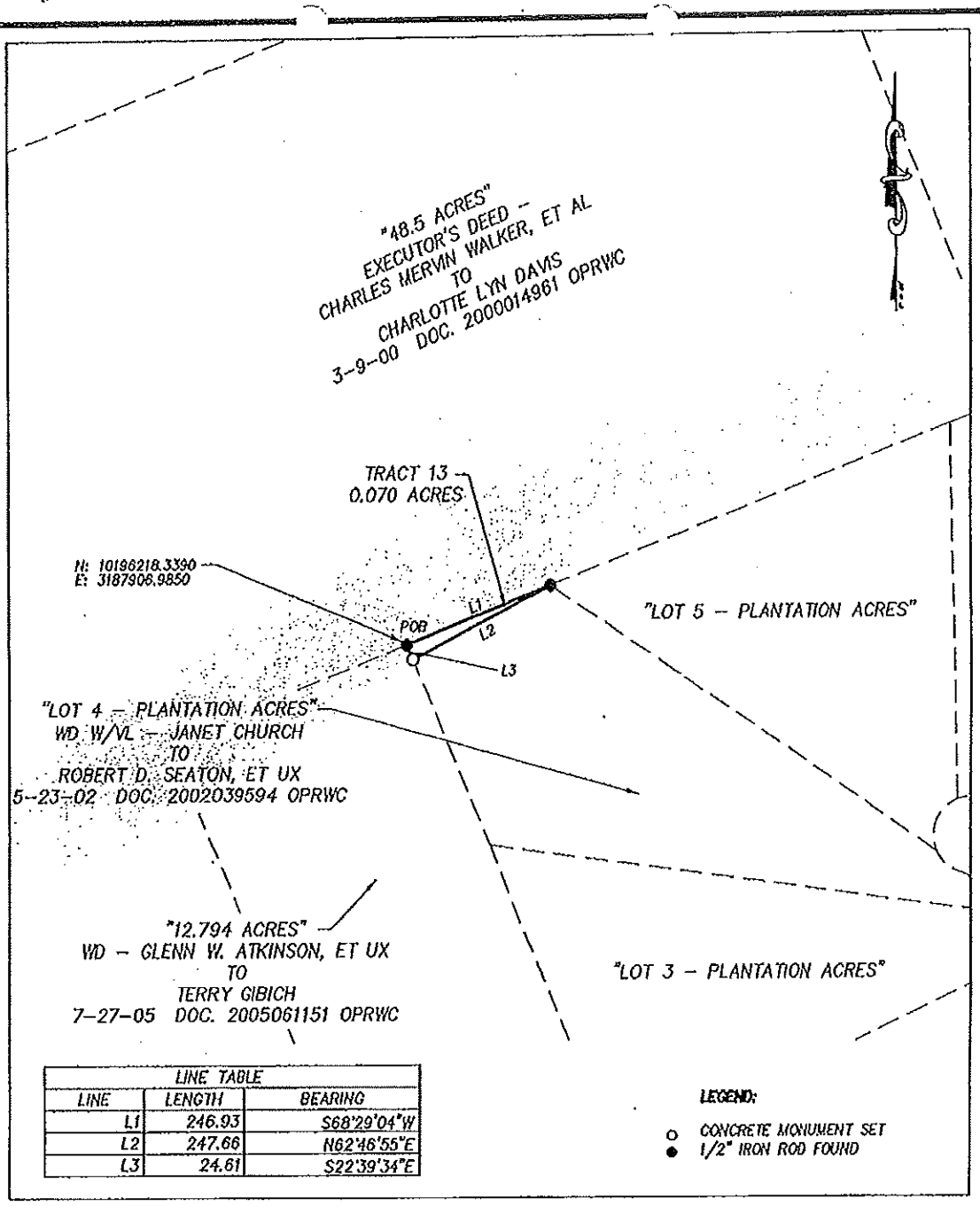
THENCE South 22°39'34" East, with a line for the common line of said "Lot 4 - Plantation Acres" and said "12.794 Acres", a distance of **24.61 feet,** to a Concrete Monument set, being in the West line of said "Lot 4 – Plantation Acres", same being in the East line of said "12.794 Acres", same being the Southwest corner of subject tract;

THENCE North 62°46'55" East a distance of **247.66 feet,** to a ½" Iron Rod found, being the Northernmost corner of said "Lot 4 – Plantation Acres", same being the Northwest corner of a called "Lot 5 – Plantation Acres", same being in the South line of said "48.5 Acres", same being the Easternmost corner of subject tract;

THENCE South 68°29'04" West, with a line for the common line of said "Lot 4 – Plantation Acres" and said "48.5 Acres", a distance of **246.93 feet,** to the **PLACE OF BEGINNING,** containing according to the dimensions herein stated, an area of **0.070 Acre.**

Bruce Lane Bryan Registered Professional Land Surveyor No. 4249

STATE OF TEXAS
REGISTERED
BRUCE LANE BRYAN
4249
PROFESSIONAL
LAND SURVEYOR



LINE TABLE		
LINE	LENGTH	BEARING
L1	246.93	S68°29'04"W
L2	247.66	N62°46'55"E
L3	24.61	S22°39'34"E

LEGEND:

○ CONCRETE MONUMENT SET
● 1/2" IRON ROD FOUND

NOTES:

1.) THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE REPORT. RECORD INFORMATION ON THIS DRAWING IS BASED ON A PUBLIC RECORDS SEARCH BY THE SURVEYOR AND MAY NOT INCLUDE ALL EASEMENTS OR INSTRUMENTS PERTAINING TO THIS PROPERTY.

2.) ALL BEARINGS ARE BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM, CENTRAL TEXAS ZONE, NAD 83 (93). ALL DISTANCES AND COORDINATES ARE ADJUSTED TO SURFACE USING THE PROJECT SURFACE ADJUSTMENT FACTOR OF 1.00012.

3.) THIS PLAT IS ACCOMPANIED BY A PROPERTY DESCRIPTION OF EVEN DATE.

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE ON THE GROUND UNDER MY DIRECTION AND SUPERVISION AND THAT THIS PLAT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

STATE OF TEXAS
REGISTERED
BRUCE LANE BRYAN
4249
PROFESSIONAL
LAND SURVEYOR

BRUCE L. BRYAN
REGISTERED PROFESSIONAL LAND SURVEYOR
NO. 4249, STATE OF TEXAS

01-25-07
DATE

PAGE ___ OF ___
REFERENCE FIELD NOTE NO. ____

BTS
BRYAN TECHNICAL SERVICES, INC.
P. O. BOX 1371
TAYLOR, TEXAS 76574
512-365-2524
512-365-2526 (Fax)
surveying@austin.rr.com

RIGHT-OF-WAY DRAWING
SHOWING THE PROPERTY OF:

ROBERT D. SEATON, ET UX

EXHIBIT
tabbies
B

SPECIAL WARRANTY DEED
Chandler Road (Phase IIIA) Right of Way

THE STATE OF TEXAS §
§
COUNTY OF WILLIAMSON §

NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OF THE FOLLOWING INFORMATION FROM THIS INSTRUMENT BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

WHEREAS, Williamson County, Texas is authorized to purchase and receive land and such other property rights deemed necessary or convenient for the construction, expansion, enlargement, extension, improvement, or operation of a portion of the proposed Chandler Road roadway improvements ("Project"); and,

WHEREAS, the acquisition of the hereinafter-described premises has been deemed necessary or convenient for the construction, expansion, enlargement, extension, improvement, or operation of the Project;

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS:

That LARRY MARTIN GORDON, JR., LAUREN GORDON, LARRY MARTIN GORDON, SR., and JUDI M. GORDON, hereinafter referred to as Grantor, whether one or more, for and in consideration of the sum of Ten Dollars ($10.00) and other good and valuable consideration to Grantor in hand paid by Williamson County, Texas, receipt and sufficiency of which is hereby acknowledged, and for which no lien is retained, either expressed or implied, have this day Sold and by these presents do Grant, Bargain, Sell and Convey unto Williamson County, Texas all those certain tracts or parcels of land lying and being situated in the County of Williamson, State of Texas, along with any improvements thereon, being more particularly described as follows:

> All of that certain 0.070 acre of land, more or less, situated in the James Eaves Survey, Abstract No. 653, Williamson County, Texas; being more fully described by metes and bounds in Exhibit "A", attached hereto and incorporated herein (Parcel 13).

RESERVATIONS FROM AND EXCEPTIONS TO CONVEYANCE AND WARRANTY:
Easements and rights-of-way of record; all presently recorded restrictions, reservations, covenants, conditions, oil, gas or other mineral leases, mineral severances, and other instruments, other than liens and conveyances, that affect the property; rights of adjoining owners in any walls and fences situated on a common boundary; and any encroachments or overlapping of improvements.

Grantor reserves all of the oil, gas and other minerals in and under the land herein conveyed but waive all rights of ingress and egress to the surface thereof for the purpose of exploring, developing, mining or drilling or pumping the same; provided, however, that operations for exploration or recovery of any such minerals and water shall be permissible so long as all surface operations in connection therewith are located at a point outside the acquired parcel and upon the condition that none of such operations shall be conducted so near the surface of said land as to interfere with the intended use thereof or in any way interfere with, jeopardize, or endanger the facilities of Williamson County or create a hazard to the public users thereof; it being intended, however, that nothing in this reservation shall affect the title and the rights of Grantee to take and use without additional compensation any, stone, earth, gravel, caliche, iron ore, gravel or any other road building material upon, in and under said land for the construction and maintenance of Chandler Road, but shall not be used or exported from the Property for any other purpose.

TO HAVE AND TO HOLD the premises herein described and herein conveyed together with all and singular the rights and appurtenances thereto in any wise belonging unto Williamson County, Texas and its assigns forever; and Grantors do hereby bind ourselves, our heirs, executors, administrators, successors and assigns to Warrant and Forever Defend all and singular the said premises herein conveyed unto Williamson County, Texas and its assigns against every person whomsoever lawfully claiming or to claim the same or any part thereof by, through, or under Grantors, but not otherwise.

This deed is being delivered in lieu of condemnation.

IN WITNESS WHEREOF, this instrument is executed on this the ____ day of _____, 20111.

GRANTOR:

ACKNOWLEDGMENT

STATE OF TEXAS §
§
COUNTY OF _____ §

This instrument was acknowledged before me on this the ____ day of _____, 2011 by _____, in the capacity and for the purposes and consideration recited therein.

_____
Notary Public, State of Texas

PREPARED IN THE OFFICE OF:

Sheets & Crossfield, P.C.
309 East Main
Round Rock, Texas

GRANTEE'S MAILING ADDRESS:

Williamson County
c/o County Judge Dan A. Gattis
County Courthouse
701 Main Street
Georgetown, Texas 78626

AFTER RECORDING RETURN TO:

JYKM Liberty Hill, LLC Real Estate Contract - SH 195 (P124B)
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Charlie Crossfield, Road Bond
Submitted For: Charlie Crossfield
Department: Road Bond
Agenda Category: Regular Agenda Items

Information

Agenda Item

Consider authorizing County Judge to execute a Real Estate Contract with JYKM Liberty Hill, L.L.C. for right-of-way needed on SH 195. (P124B)

Background

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

Link: JYKM RE Contract SH 195 P124B

Form Routing/Status

Form Started By: Charlie Crossfield	Started On: 02/17/2011 09:56 AM
Final Approval Date: 02/17/2011	

REAL ESTATE CONTRACT
SH 195—CTSUD Waterline Easement

STATE OF TEXAS

COUNTY OF WILLIAMSON

THIS REAL ESTATE CONTRACT ("Contract") is made by and between JYKM LIBERTY HILL, L.L.C., (referred to in this Contract as "Seller", whether one or more) and the COUNTY OF WILLIAMSON (referred to in this Contract as "Purchaser"), upon the terms and conditions set forth in this Contract.

ARTICLE I
PURCHASE AND SALE

By this Contract, Seller sells and agrees to convey, and Purchaser purchases and agrees to pay for, the easement interest described as follows:

> Waterline easement interest in all of that certain 0.1553 acre tract of land, more or less, situated in the W. Roberts Survey, Abstract No. 524 in Williamson County, Texas, being more fully described by metes and bounds in Exhibit "A", attached hereto and incorporated herein (Parcel 124B--CTSUD); and

together with all and singular the rights and appurtenances, and subject to the conditions and restrictions set forth in that certain Water Line Easement attached hereto as Exhibit "B" (all of such real property, rights, appurtenances, conditions and restrictions being referred to in this Contract as the "Property"), for the consideration and upon and subject to the terms, provisions, and conditions set forth below.

ARTICLE II
PURCHASE PRICE

Purchase Price

2.01. The purchase price for the Property described in Exhibit "A" shall be the sum of THIRTY TWO THOUSAND EIGHT HUNDRED and 00/100 Dollars ($32,800.00).

Payment of Purchase Price

2.02. The Purchase Price shall be payable in cash at the closing.

Special Provisions

2.03. As an obligation that shall survive the closing of this transaction, the parties agree that the installation of the Chisholm Trail Special Utility District waterline facilities which are contemplated to be installed within the easement Property acquired herein shall be completed within six months after the completion of the Closing of this purchase.

ARTICLE III
PURCHASER'S OBLIGATIONS

Conditions to Purchaser's Obligations

3.01. The obligations of Purchaser hereunder to consummate the transactions contemplated hereby are subject to the satisfaction of each of the following conditions (any of which may be waived in whole or in part by Purchaser at or prior to the closing.):

[None]

Miscellaneous Conditions

3.02. Seller shall have performed, observed, and complied with all of the covenants, agreements, and conditions required by this Contract to be performed, observed, and complied with by Seller prior to or as of the closing.

ARTICLE IV
REPRESENTATIONS AND WARRANTIES OF SELLER

Seller hereby represents and warrants to Purchaser as follows, which representations and warranties shall be deemed made by Seller to Purchaser also as of the Closing Date, to the best of Seller's knowledge (without independent investigation):

(1) There are no parties in possession of any portion of the Property as lessees, tenants at sufferance, or trespassers, other than previously disclosed to Purchaser;

(2) Seller has complied with all applicable laws, ordinances, regulations, statutes, rules and restrictions relating to the Property, or any part thereof;

(3) The Property herein is being conveyed to Purchaser under threat of condemnation.

ARTICLE V
CLOSING



Closing Date

5.01. The Closing shall be held at the office of Texas American Title Company on or before March 1, 2011, or at such time, date, and place as Seller and Purchaser may agree upon, or within 10 days after the completion of any title curative matters if necessary for items as shown on the Title Commitment or in the contract (which date is herein referred to as the "Closing Date").

Seller's Obligations at Closing

5.02. At the Closing Seller shall:

(1) Deliver to Chisholm Trail Special Utility District a duly executed and authorized easement in the form of that certain Water Line Easement attached hereto as Exhibit "B", conveying such easement interest in all of the Property described in Exhibit "A", free and clear of any and all liens and restrictions, except for the following:

(a) General real estate taxes for the year of closing and subsequent years not yet due and payable; and

(b) Any exceptions approved by Purchaser in writing.

(2) Deliver to Purchaser a Texas Owner's Title Policy at Purchaser's sole expense, issued by Title Company, in Purchaser's favor in the full amount of the purchase price, insuring Purchaser's easement interest in the Property subject only to those title exceptions listed herein, such other exceptions as may be approved in writing by Purchaser, and the standard printed exceptions contained in the usual form of Texas Owner's Title Policy, provided, however:

(a) The boundary and survey exceptions shall be deleted;

(b) The exception as to restrictive covenants shall be endorsed "None of Record", unless such restrictions do, in fact, affect the subject property; and

(c) The exception as to the lien for taxes shall be limited to the year of closing and shall be endorsed "Not Yet Due and Payable."

Nothing in this Section 5.02 shall obligate Seller to address, cure, or otherwise change any title matters relating to the subject property, except that Seller shall convey the subject property free of any liens placed or allowed to be placed by Seller against same.

Purchaser's Obligations at Closing

5.03. At the Closing, Purchaser shall:

(a) Pay the cash portion of the purchase price.

Prorations

5.04. General real estate taxes for the then current year relating to the Property shall be prorated as of the closing date and shall be adjusted in cash at the Closing. If the Closing shall occur before the tax rate is fixed for the then current year, the apportionment of taxes shall be upon the basis of the tax rate for the next preceding year applied to the latest assessed valuation. Agricultural roll-back taxes, if any, shall be paid by Purchaser. This obligation shall only apply to the extent that the title company can reasonably and accurately determine an allocation of taxes to Purchaser's easement interest in the Property.

Closing Costs

5.05. All costs and expenses of closing in consummating the sale and purchase of the Property shall be borne and paid as follows:

(1) Owner's Title Policy and survey to be paid by Purchaser.

(2) Deed, tax certificates, and title curative matters, if any, paid by Purchaser.

(3) All other closing costs shall be paid by Purchaser.

(4) Attorney's fees paid by the party who incurred such fees.

ARTICLE VI
BREACH BY SELLER

In the event Seller shall fail to fully and timely perform any of its obligations hereunder or shall fail to consummate the sale of the Property for any reason, except Purchaser's default, Purchaser may: (1) enforce specific performance of this Contract; or (2) request that the Escrow Deposit, if any, shall be forthwith returned by the title company to Purchaser.

ARTICLE VII
BREACH BY PURCHASER

In the event Purchaser should fail to consummate the purchase of the Property, the conditions to Purchaser's obligations set forth in Article III having been satisfied and Purchaser being in default and Seller not being in default hereunder, Seller shall have the right to receive the Escrow Deposit, if any, from the title company, the sum being agreed on as liquidated damages for the failure of Purchaser to perform the duties, liabilities, and obligations imposed upon it by the terms and provisions of this Contract, and Seller agrees to accept and take this cash payment as its total damages and relief and as Seller's sole remedy hereunder in such event. If no Escrow Deposit has been made then Seller shall receive the amount of $500 as liquidated damages for any failure by Purchaser.

ARTICLE VIII
MISCELLANEOUS

Notice

8.01. Any notice required or permitted to be delivered hereunder shall be deemed received when sent by United States mail, postage prepaid, certified mail, return receipt requested, addressed to Seller or Purchaser, as the case may be, at the address set forth opposite the signature of the party.

Texas Law to Apply

8.02. This Contract shall be construed under and in accordance with the laws of the State of Texas, and all obligations of the parties created hereunder are performable in Williamson County, Texas.

Parties Bound

8.03. This Contract shall be binding upon and inure to the benefit of the parties and their respective heirs, executors, administrators, legal representatives, successors and assigns where permitted by this Contract.

Legal Construction

8.04. In case any one or more of the provisions contained in this Contract shall for any reason be held to be invalid, illegal, or unenforceable in any respect, this invalidity, illegality, or unenforceability shall not affect any other provision hereof, and this Contract shall be construed as if the invalid, illegal, or unenforceable provision had never been contained herein.

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Time of Essence

8.06. Time is of the essence in this Contract.

Gender

8.07. Words of any gender used in this Contract shall be held and construed to include any other gender, and words in the singular number shall be held to include the plural, and vice versa, unless the context requires otherwise.

Memorandum of Contract

8.08. Upon request of either party, the parties shall promptly execute a memorandum of this Contract suitable for filing of record.

Compliance

8.09 In accordance with the requirements of Section 20 of the Texas Real Estate License Act, Purchaser is hereby advised that it should be furnished with or obtain a policy of title insurance, or Purchaser should have the abstract covering the Property examined by an attorney of Purchaser's own selection.

Effective Date

8.10 This Contract shall be effective as of the date it is approved by the Williamson County Commissioner's Court, which date is indicated beneath the Judge's signature below.

Counterparts

8.11 This Contract may be executed in any number of counterparts, which may together constitute the Contract. Signatures transmitted by facsimile may be considered effective as originals for purposes of this Contract.

SELLER'S OBLIGATION TO CLOSE THE TRANSACTION CONTEMPLATED HEREBY IS CONTINGENT UPON THE PARTIES CLOSING THE CONTRACT BETWEEN THEM FOR THE SALE AND PURCHASE OF .810 ACRE OF LAND FOR SH 195 RIGHT OF WAY DATED JULY 2010. THIS CONTRACT SHALL CLOSE CONTEMPORANEOUSLY WITH SAID CONTRACT.

SELLER:

JYKM Liberty Hill, L.L.C.

By: _____

Its: Yasin Mohammed, President

Date: 2/14/2011

Address: 3000 Briarcrest Dr., Suite 512
Bryan, TX 77802
Attn: Christopher J. Smitherman

PURCHASER:

COUNTY OF WILLIAMSON

By: _____
Dan A. Gattis, County Judge
Date: _____

Address: 710 Main Street
Suite 101
Georgetown, Texas 78626

STATE OF TEXAS

COUNTY OF WILLIAMSON

EASEMENT

0.1553 ACRE SITUATED IN
W. ROBERTS SURVEY
ABSTRACT 524
WILLIAMSON COUNTY, TEXAS

LEGAL DESCRIPTION

DESCRIPTION OF A 0.1553 ACRE (6,763 SQUARE FEET) TRACT SITUATED IN THE W. ROBERTS SURVEY, ABSTRACT 524, WILLIAMSON COUNTY, TEXAS AND BEING A PORTION OF LOT 12, BLOCK A, BERRY CREEK SECTION FIVE, PHASE ONE, A SUBDIVISION ACCORDING TO THE PLAT OF RECORD IN CABINET Z, SLIDES 235-236 OF THE PLAT RECORDS OF WILLIAMSON COUNTY, TEXAS, AND BEING FURTHER DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

COMMENCING at a 1/2-inch iron rod with plastic cap stamped "RPLS 5784" found for an angle point in the north line of Chi Chi Drive, a sixty-feet wide right-of-way according to said plat of Berry Creek Section Five, Phase One, same being the south line of said Lot 12, Block A;

THENCE with said north line of Chi Chi Drive and said south line of Lot 12, Block A, S57°55'30"W, passing at a distance of 84.93 feet a Texas Department of Transportation (TxDOT) Type II Concrete Monument with brass disk found at the intersection of the proposed west right-of-way line of State Highway 195 with said north right-of-way line of Chi Chi Drive and said south line of Lot 12, Block A, and continuing in all a distance of 109.93 feet to a 1/2-inch iron rod with plastic cap stamped "HALFF ESMT" set for the **POINT OF BEGINNING** of the tract described herein;

CONTINUING with said north line of Chi Chi Drive and said south line of Lot 12, Block A, S57°55'30"W a distance of 20.00 feet to a 1/2-inch iron rod with plastic cap stamped "HALFF ESMT" set;

THENCE leaving said north line of Chi Chi Drive and said south line of Lot 12, Block A, crossing said Lot 12, Block A, N32°57'53"W a distance of 340.22 feet to a 1/2-inch iron rod with plastic cap stamped "HALFF ESMT" set in the north line of said Lot 12, Block A, same being the south line of Lot 13, Block A, said Berry Creek Section Five, Phase One, and from which a 1/2-inch iron rod with plastic cap stamped "RPLS 2218" found in said south line of Lot 13, Block A, for the northwest corner of said Lot 12, Block A, same being the northeast corner of Lot 11, Block A, said Berry Creek Section Five, Phase One, bears S69°32'56"W a distance of 159.22 feet;

THENCE with said north line of Lot 12, Block A and said south line of Lot 13, Block A, N69°32'56"E a distance of 20.49 feet to a 1/2-inch iron rod with plastic cap stamped "HALFF ESMT" set, and from which a 1/2-inch iron rod with plastic cap stamped "RPLS 5784" found at the intersection of said proposed west right-of-way line of SH195 with said north line of Lot 12, Block A and said south line of Lot 13, Block A, bears N69°32'56"E a distance of 25.61 feet;

WATER LINE EASEMENT

STATE OF TEXAS §
§
COUNTY OF WILLIAMSON §

DATE: _____, 2010

GRANTOR: JYKM Liberty Hill, L.L.C.

GRANTOR'S MAILING ADDRESS: 13111 Kirkglen Drive
Austin, Texas 78727

GRANTEE: Chisholm Trail Special Utility District, a conservation and reclamation district of the State of Texas

GRANTEE'S MAILING ADDRESS: P. O. Box 249
Florence, Texas 76527

CONSIDERATION: Ten Dollars ($10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged.

GRANT: Grantor, for the CONSIDERATION paid to Grantor by Grantee, hereby grants, sells, and conveys to Grantee a permanent easement and right-of-way (the "Water Line Easement") in, upon, under, over the Water Line Easement Tract (hereinafter defined), together with all and singular the rights and appurtenances thereto in any wise belonging, to have and hold to Grantee and Grantee's successors and assigns forever. The easement, right-of-way, rights, and privileges herein granted shall be used for the purposes of excavating for, laying, constructing, placing, operating, maintaining, reconstructing, replacing, rebuilding, upgrading, renewing, removing, inspecting, patrolling, changing, modifying, or repairing the PROJECT (as hereinafter defined), or any part of the PROJECT, and making connections therewith.

DESIGNATION OF COURSE: The "Water Line Easement Tract" is defined as a tract of land across, over and under the following described real property:

All of that certain 0.1553 acre of land, more or less, out of the W. Roberts Survey, Abstract No. 524, more particularly described by metes and bounds and sketch attached hereto as **Exhibit "A"**, said exhibit being incorporated herein by reference for all purposes (Parcel 124B--WE).

PROJECT: Multiple water lines and all necessary or desirable facilities, equipment and appurtenances thereto including, without limitation, valves, meters and related communication lines and facilities. In the event Grantor constructs an additional water line or lines in the future after construction of an initial water line, any such line or lines

shall be constructed adjacent to and generally parallel with the first water line laid by Grantee within the Water Line Easement.

Rights of Grantor: Grantor shall have the right to abate any unauthorized use of the Water Line Easement by Grantee by any lawful method. Grantor, for itself and its successors and assigns, hereby retains the right to use the surface of the lands within the boundary lines of the Water Line Easement Tract for all commercial purposes, including, but not limited to, the construction of roads, parking lots, driveways, curbs, sidewalks, fences, and light poles, and the maintenance of green space, including specifically the proposed improvements shown on the site plan attached hereto as **Exhibit "B"**; provided, however, that (1) no buildings, water quality or detention or similar drainage features, or permanent structures of any kind shall be placed, erected or maintained thereon; (2) such improvements shall not damage facilities located within, or materially interfere with Grantee's use and enjoyment of, the Water Line Easement Tract; and (3) other than as set out below, no subsurface utilities of any kind shall be located within the Water Line Easement Tract. Grantee agrees to repair damages that it causes to any of Grantor's authorized improvements within the Water Line Easement Tract. Grantee shall not be responsible for damage it causes to unauthorized improvements within the Water Line Easement Tract. Grantee hereby agrees that Grantor may construct the proposed improvements set forth on, and at the locations identified in, **Exhibit "B"**; provided, however, Grantor shall be responsible for any damages caused to Grantee's facilities caused by construction of such improvements (unless Grantee's placement of its facilities did not reasonably accommodate the improvements set forth on **Exhibit "B"**).

Other Rights Granted to Grantee: Grantee shall have such other right and benefits necessary and/or convenient for the full enjoyment and use of the rights herein granted, including without limitation, the reasonable right of ingress and egress over and across the area encompassed by the Water Line Easement and over the adjacent lands owned by Grantor, but only to the extent that ingress or egress is not available or adequate from a public right-of-way; and (2) the right to abandon-in-place any and all water supply lines, service lines and associated appurtenances, such that Grantee shall have no obligation or liability to Grantor or their successors or assigns to move or remove any such abandoned lines or appurtenances.

Obligation of Grantee: By acceptance of this grant and utilization of any rights granted hereby, Grantee agrees that it will at all times, after doing any work pursuant to the rights hereby granted, repair or restore the surface of the Water Line Easement Tract to substantially the same condition as existed prior to such work; and that Grantee will not do any act, or fail to do any act, that will be detrimental or create a hazard to the surface of the lands covered thereby or to the use thereof. Grantor acknowledges that Grantee may patch in an aesthetic and workmanlike manner any parking lot improvements damaged by Grantee in connection with the exercise of its easement rights. The consideration recited herein shall constitute payment in full for all damages sustained by Grantor by reason of the utilization by the Grantee of any rights granted herein, subject to Grantee's obligation to repair or restore surface improvements as provided herein.

Representations of Grantor: Grantor represents, covenants and warrants that it has full power and authority to enter into this instrument and to convey the Water Line Easement to Grantee.

Exclusivity: Except for the rights retained by Grantor herein, Grantee's easement rights within the Water Line Easement Tract shall be exclusive, with the exception of uses that are authorized in writing by Grantee. In addition to the rights retain above, Grantor reserves the right to grant easements for utilities across the Water Line Easement Tract, provided that (1) crossings are made at not less than an approximate 45° angle to the waterlines; (2) sufficient clearance between facilities is maintained; and (3) the resulting construction or installed facilities do not interfere with access to or the operation, maintenance and safety of Grantee's Project facilities constructed hereunder, as reasonably determined by Grantee. If approval by Chisholm Trail Special Utility District is required, then such approval shall not be unreasonably withheld.

Habendum: To HAVE AND HOLD the Water Line Easement and all and singular the rights and appurtenances thereunto belonging unto Grantee, its successors and assigns.

Warranty: Grantor does hereby bind itself, its successors and assigns, to WARRANT AND FOREVER DEFEND, all and singular, the Water Line Easement unto Grantee, its successors and assigns, against every person whomsoever claiming, or to claim, the same or any part thereof, by through or under Grantor, but not otherwise.

Successors and Assigns: The rights granted hereby and the rights, agreements and burdens pertaining thereto shall constitute a covenant running with the land and inure to the benefit of and shall be binding upon the Grantor, any other owner in the future on any part of the Water Line Easement Tract, and the Grantee, and all of their respective successors, heirs, legal representatives, executors, administrators and assigns. Grantee's rights hereunder may be assigned in whole or in part to one or more assignees.

Covenant of Grantor: Grantor covenants that Grantor is the owner of the Water Line Easement Tract and that the person signing this instrument is authorized to execute the same on behalf of the owner or all the owners of all such real property.

IN WITNESS WHEREOF, the GRANTOR has executed this instrument this _____ day of _____, 2011.

GRANTOR:

JYKM Liberty Hill, L.L.C.

By:_____

Its:_____

Acknowledgment

STATE OF _____ §
§
COUNTY OF _____ §

This instrument was acknowledged before me on the _____ day of _____, 2011, by _____, in the capacity and for the purposes and consideration recited herein.

(Seal and Expiration)

_____
Notary Public, State of Texas

After recording return to:
Chisholm Trail Special Utility District
P. O. Box 249
Florence, Texas 78727

STATE OF TEXAS

COUNTY OF WILLIAMSON

EASEMENT

0.1553 ACRE SITUATED IN
W. ROBERTS SURVEY
ABSTRACT 524
WILLIAMSON COUNTY, TEXAS

LEGAL DESCRIPTION

DESCRIPTION OF A 0.1553 ACRE (6,763 SQUARE FEET) TRACT SITUATED IN THE W. ROBERTS SURVEY, ABSTRACT 524, WILLIAMSON COUNTY, TEXAS AND BEING A PORTION OF LOT 12, BLOCK A, BERRY CREEK SECTION FIVE, PHASE ONE, A SUBDIVISION ACCORDING TO THE PLAT OF RECORD IN CABINET Z, SLIDES 235-236 OF THE PLAT RECORDS OF WILLIAMSON COUNTY, TEXAS, AND BEING FURTHER DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

COMMENCING at a 1/2-inch iron rod with plastic cap stamped "RPLS 5784" found for an angle point in the north line of Chi Chi Drive, a sixty-feet wide right-of-way according to said plat of Berry Creek Section Five, Phase One, same being the south line of said Lot 12, Block A;

THENCE with said north line of Chi Chi Drive and said south line of Lot 12, Block A, S57°55'30"W, passing at a distance of 84.93 feet a Texas Department of Transportation (TxDOT) Type II Concrete Monument with brass disk found at the intersection of the proposed west right-of-way line of State Highway 195 with said north right-of-way line of Chi Chi Drive and said south line of Lot 12, Block A, and continuing in all a distance of 109.93 feet to a 1/2-inch iron rod with plastic cap stamped "HALFF ESMT" set for the **POINT OF BEGINNING** of the tract described herein;

CONTINUING with said north line of Chi Chi Drive and said south line of Lot 12, Block A, S57°55'30"W a distance of 20.00 feet to a 1/2-inch iron rod with plastic cap stamped "HALFF ESMT" set;

THENCE leaving said north line of Chi Chi Drive and said south line of Lot 12, Block A, crossing said Lot 12, Block A, N32°57'53"W a distance of 340.22 feet to a 1/2-inch iron rod with plastic cap stamped "HALFF ESMT" set in the north line of said Lot 12, Block A, same being the south line of Lot 13, Block A, said Berry Creek Section Five, Phase One, and from which a 1/2-inch iron rod with plastic cap stamped "RPLS 2218" found in said south line of Lot 13, Block A, for the northwest corner of said Lot 12, Block A, same being the northeast corner of Lot 11, Block A, said Berry Creek Section Five, Phase One, bears S69°32'56"W a distance of 159.22 feet;

THENCE with said north line of Lot 12, Block A and said south line of Lot 13, Block A, N69°32'56"E a distance of 20.49 feet to a 1/2-inch iron rod with plastic cap stamped "HALFF ESMT" set, and from which a 1/2-inch iron rod with plastic cap stamped "RPLS 5784" found at the intersection of said proposed west right-of-way line of SH195 with said north line of Lot 12, Block A and said south line of Lot 13, Block A, bears N69°32'56"E a distance of 25.61 feet;

THENCE leaving said north line of Lot 12, Block A and said south line of Lot 13, Block A, crossing said Lot 12, Block A, S32°57'53"E a distance of 336.09 feet to said **POINT OF BEGINNING** and containing 0.1553 acre.

THE STATE OF TEXAS §
§ KNOW ALL MEN BY THESE PRESENTS:
COUNTY OF TRAVIS §

That I, Dan H. Clark, a Registered Professional Land Surveyor, do hereby state that the above description is true and correct to the best of my knowledge and belief and that the property described herein was determined by a survey made on the ground during the month of February 2010.

WITNESS MY HAND AND SEAL at Austin, Travis County, Texas this the 21st day of April 2010, A.D.



4/21/2010

Halff Associates, Inc.
4030 West Braker Lane
Suite 450
Austin, Texas 78759

Dan H. Clark
Registered Professional Land Surveyor
No. 6011 – State of Texas

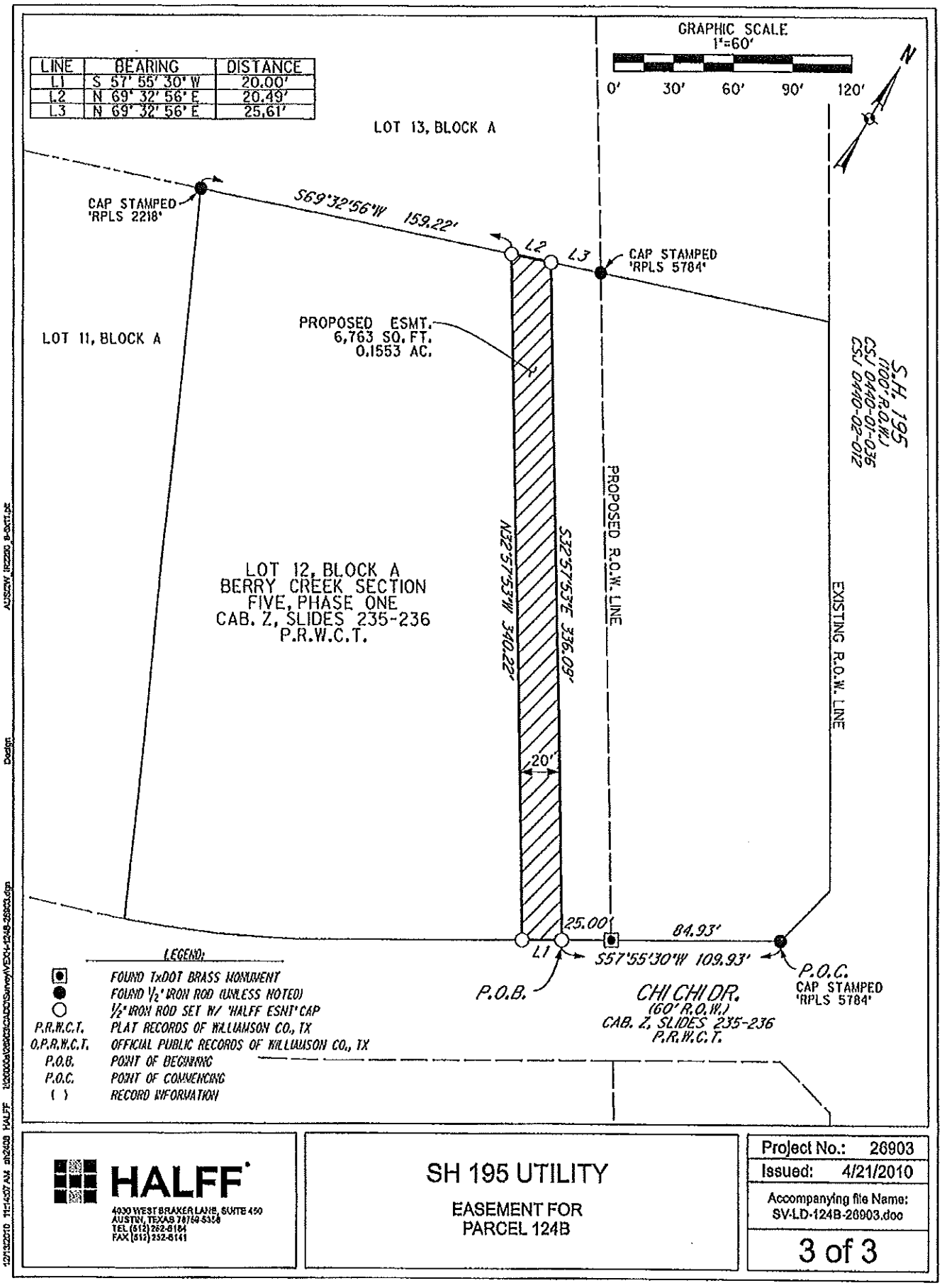
ADDITIONAL NOTES:

1. Bearings shown hereon are based on the Texas State Plane Coordinates System, NAD 83, Central Zone, using a combined surface adjustment factor of 1.000120. Distances shown hereon are surface distances.

2. This description has been prepared as a result of a survey completed in February of 2010 and is submitted in connection with a survey drawing prepared by Halff Associates, Inc. titled VEXH-124B-26903.dgn, dated April 21, 2010, AVO No. 26903.

3. See Texas Department of Transportation Right-of-Way map CSJ No. 0440-01-036 & 0440-02-012 for detailed information regarding State Highway 195.

Exhibit "B" to Real Estate Contract



HALFF
4030 WEST BRAKER LANE, SUITE 450
AUSTIN, TEXAS 78759-5319
TEL (512) 252-8184
FAX (512) 252-8141

SH 195 UTILITY

EASEMENT FOR
PARCEL 124B

Project No.: 26903
Issued: 4/21/2010
Accompanying file Name: SV-LD-124B-26903.doc

3 of 3

Exhibit "A"

Exhibit "B" to Real Estate Contract

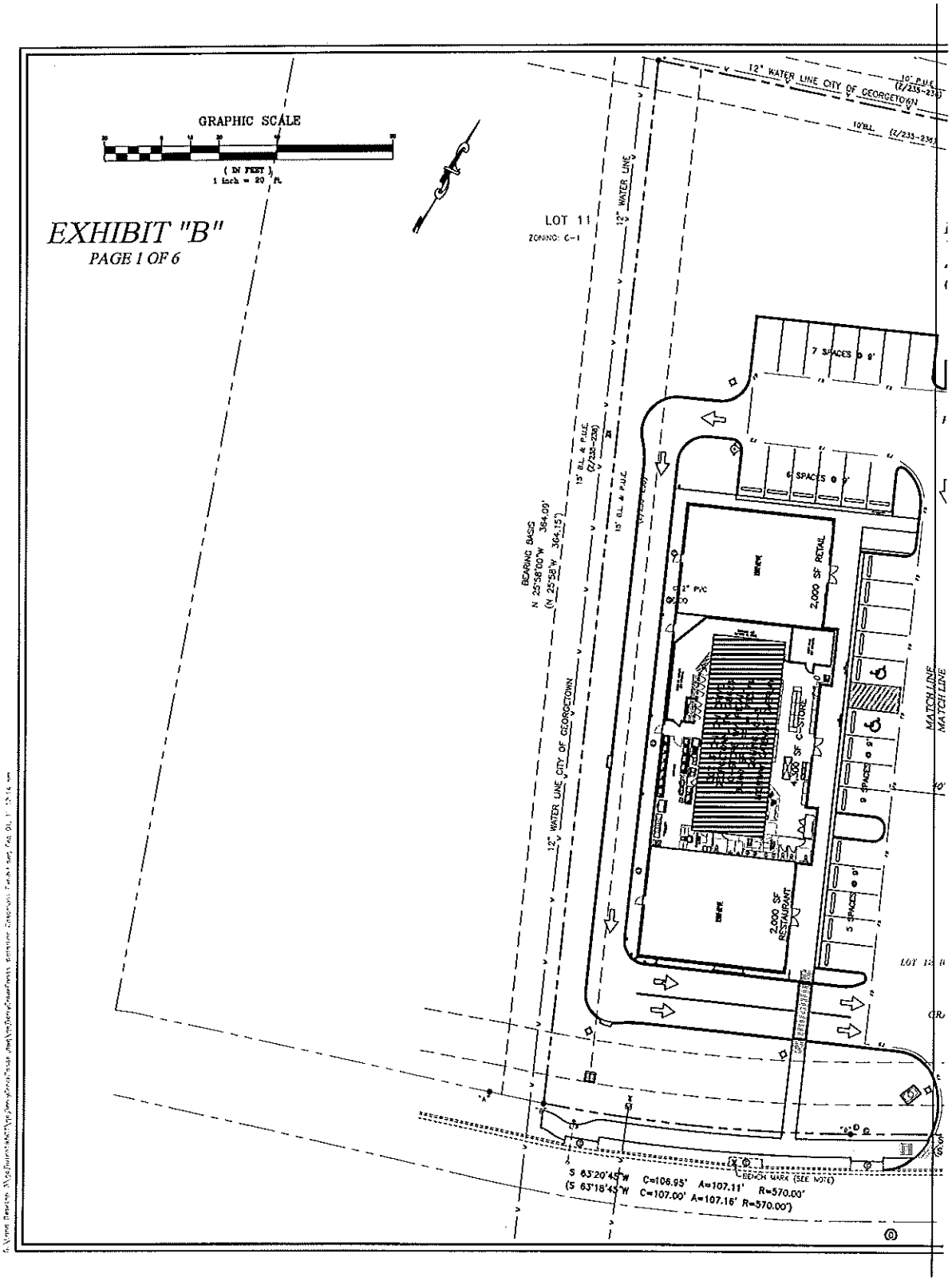


Exhibit "B" to Real Estate Contract

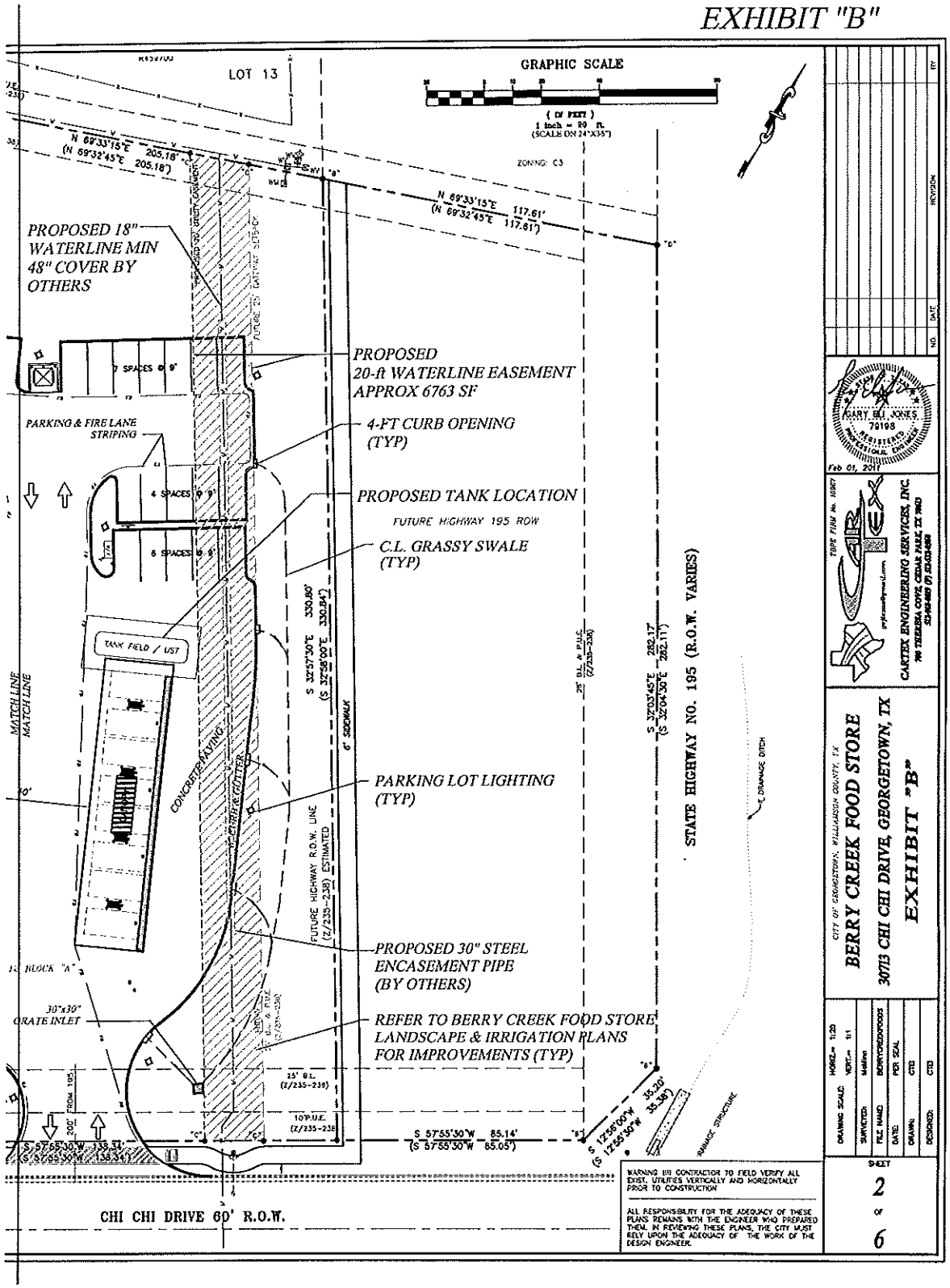


Exhibit "B" to Real Estate Contract

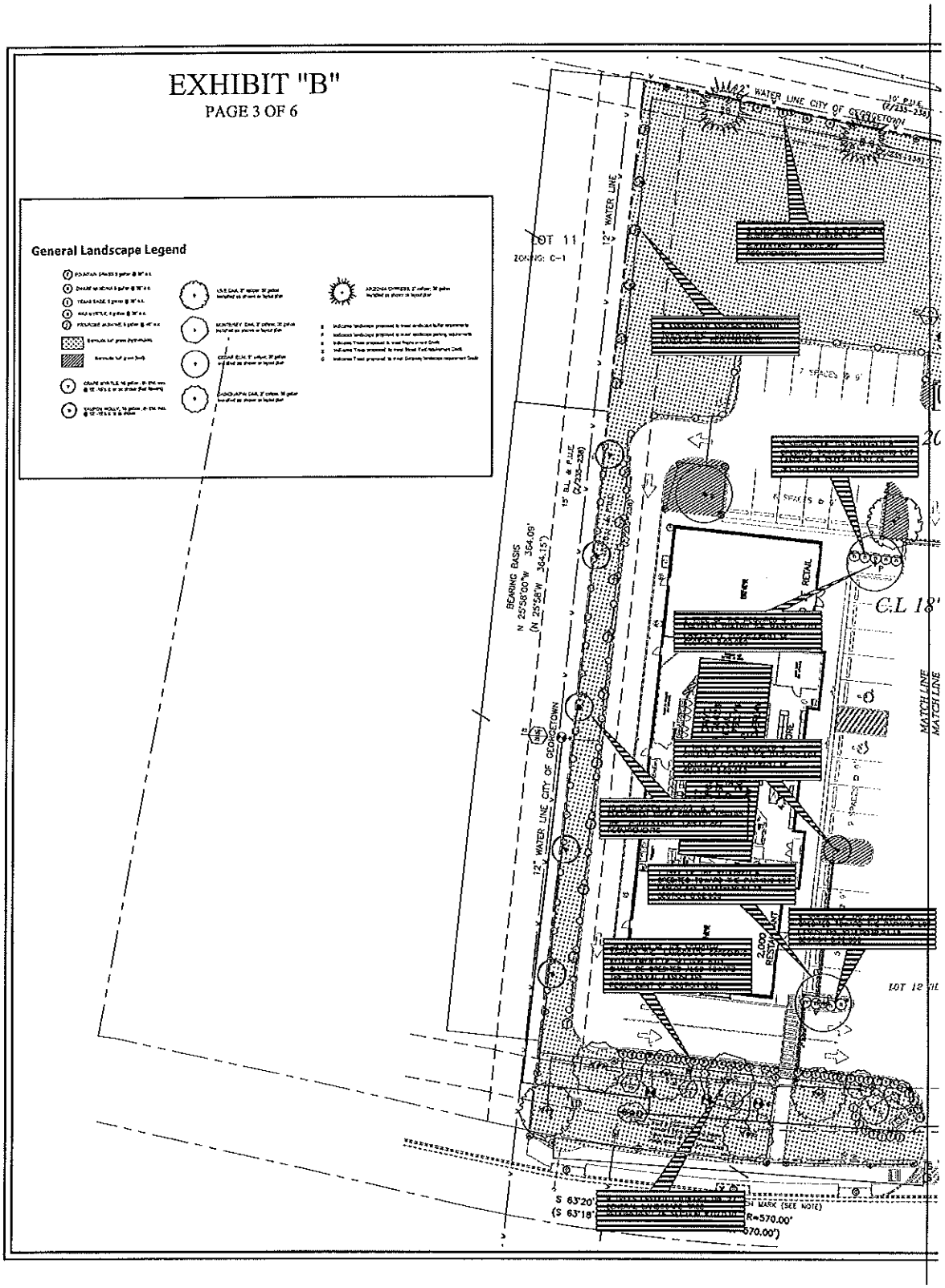
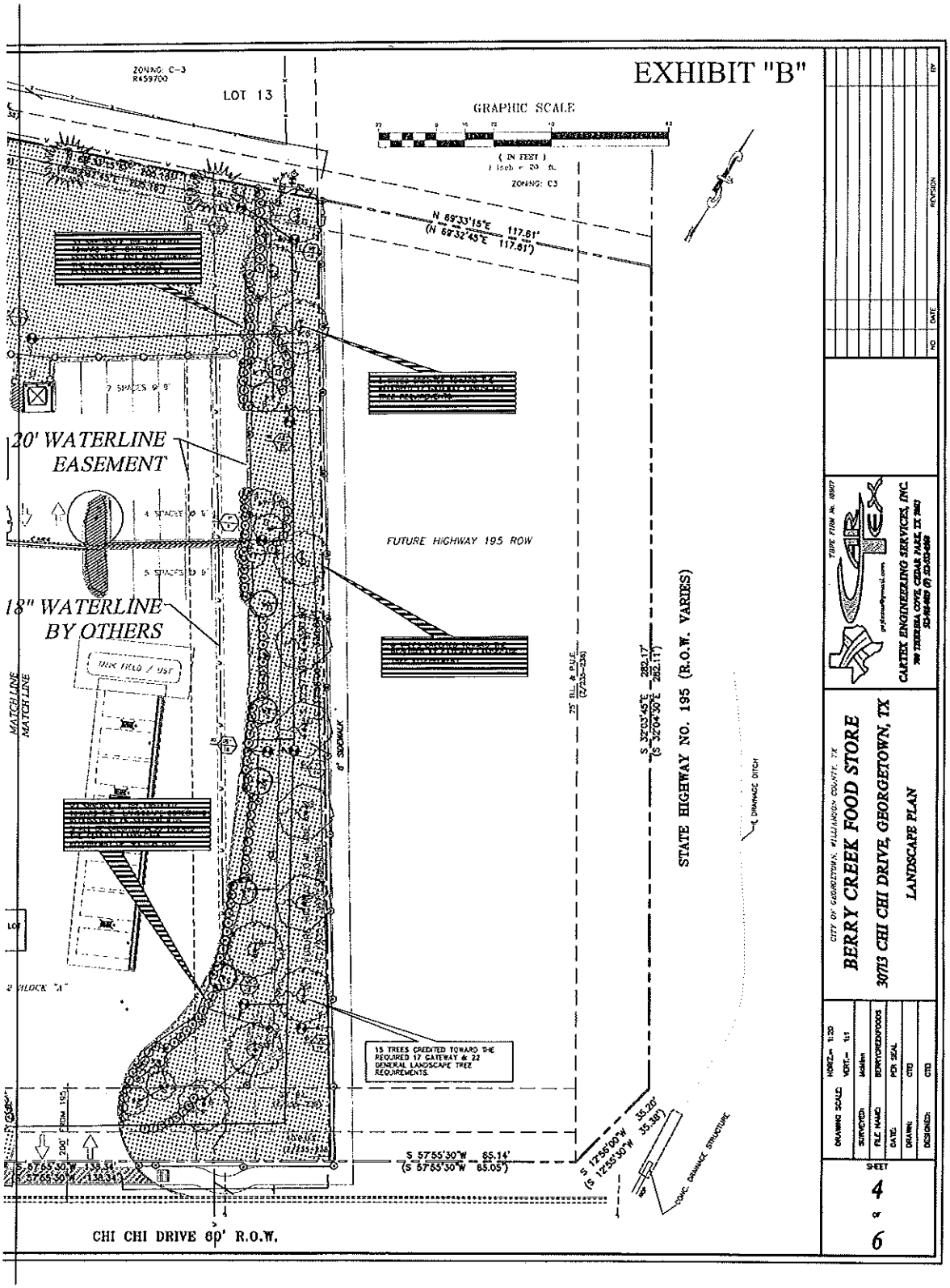


Exhibit "B" to Real Estate Contract



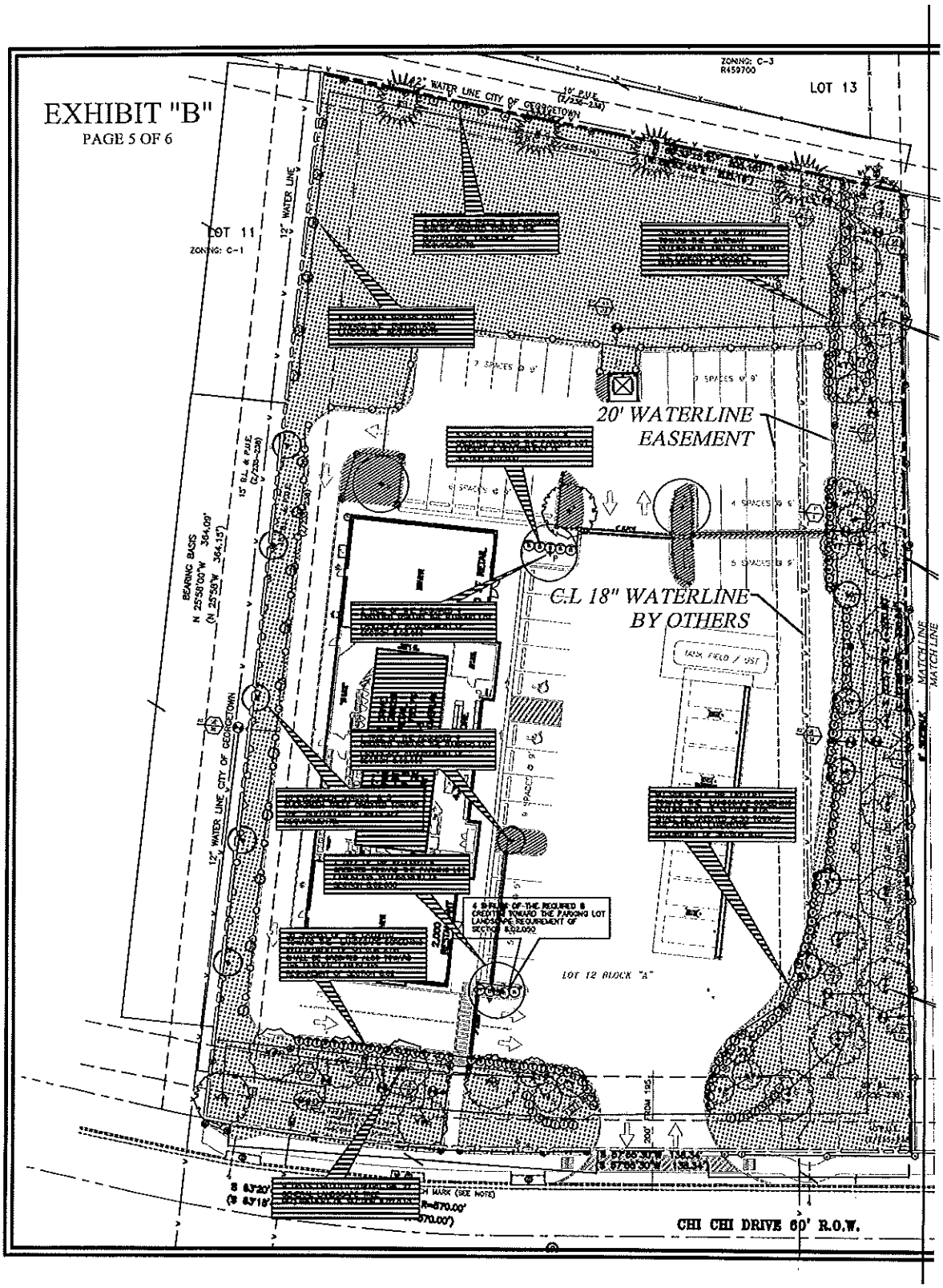
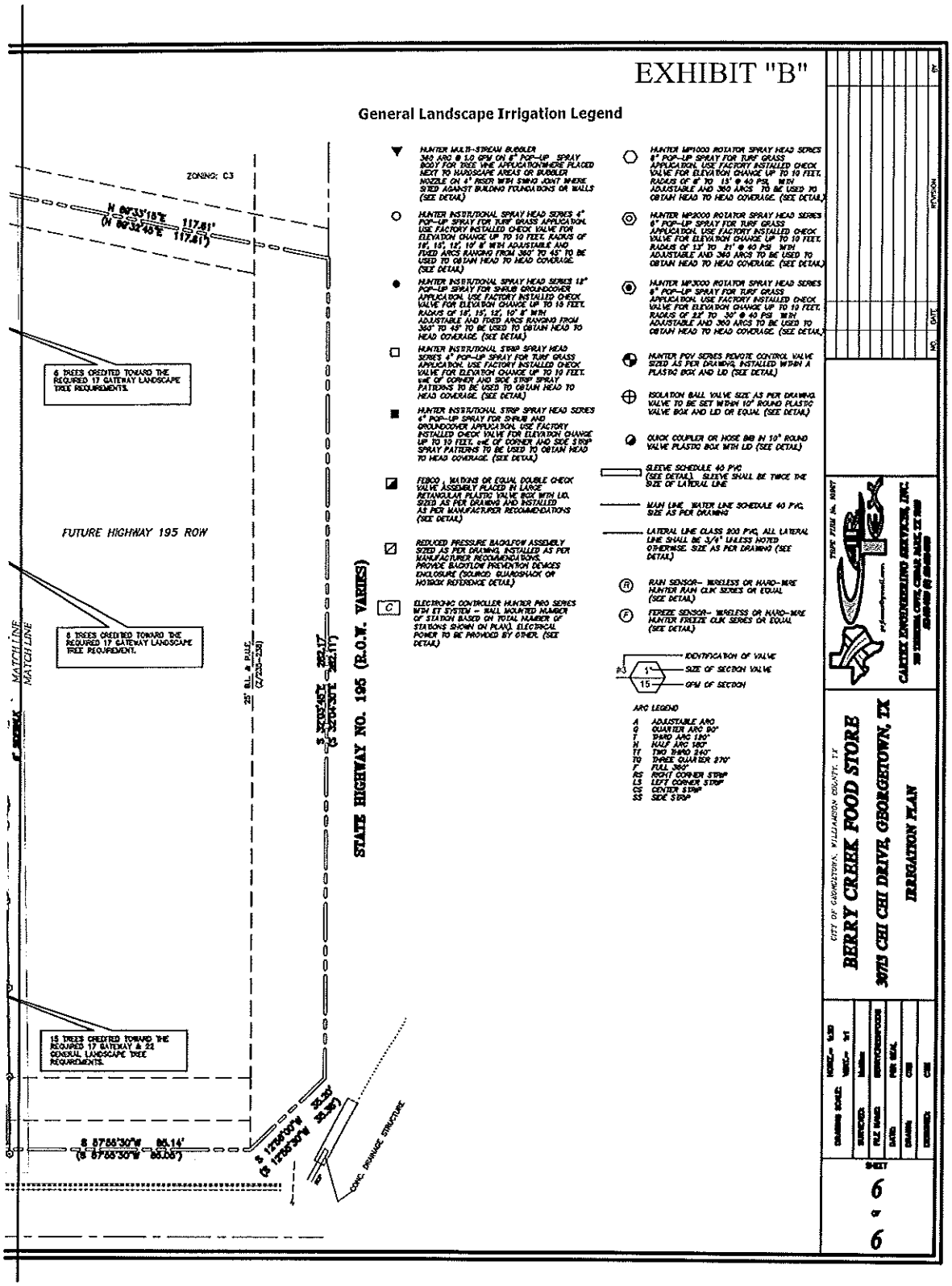

EXHIBIT "B"
PAGE 5 OF 6
LOT 13
LOT 11
20' WATERLINE EASEMENT
C.L 18" WATERLINE BY OTHERS
LOT 12 BLOCK "A"
CHI CHI DRIVE 60' R.O.W.

Exhibit "B" to Real Estate Contract



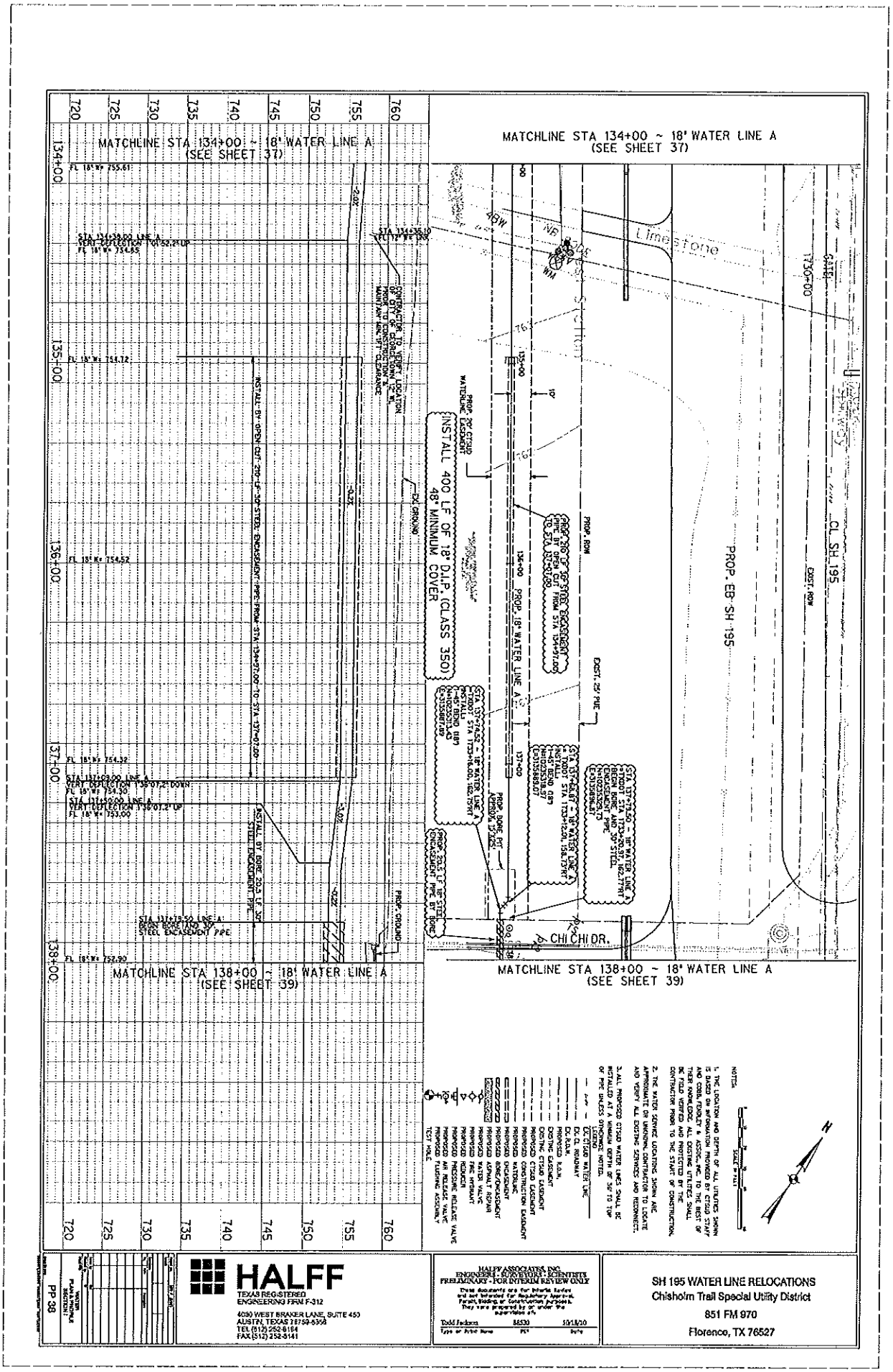

MATCHLINE STA 134+00 ~ 18" WATER LINE A
(SEE SHEET 37)
MATCHLINE STA 138+00 ~ 18" WATER LINE A
(SEE SHEET 39)
INSTALL 400 LF OF 18" D.I.P. (CLASS 350) 48" MINIMUM COVER
PROP. EB SH 195
CL SH 195
CHI CHI DR.
Limestone
PROP. 18" WATER LINE A
PROP. BORE PIT
PROP. GROUND
EXIST. ROW
PROP. ROW
HALFF
TEXAS REGISTERED ENGINEERING FIRM F-312
4030 WEST BRAKER LANE, SUITE 450
AUSTIN, TEXAS 78759-5388
TEL (512) 252-8184
FAX (512) 252-8141
HALFF ASSOCIATES INC.
ENGINEERS - SURVEYORS - SCIENTISTS
PRELIMINARY - FOR INTERIM REVIEW ONLY
Todd Jackson 88539 10/13/20
SH 195 WATER LINE RELOCATIONS
Chisholm Trail Special Utility District
851 FM 970
Florence, TX 76527
PP 38

EXHIBIT "B"

PAGE 1 OF 6

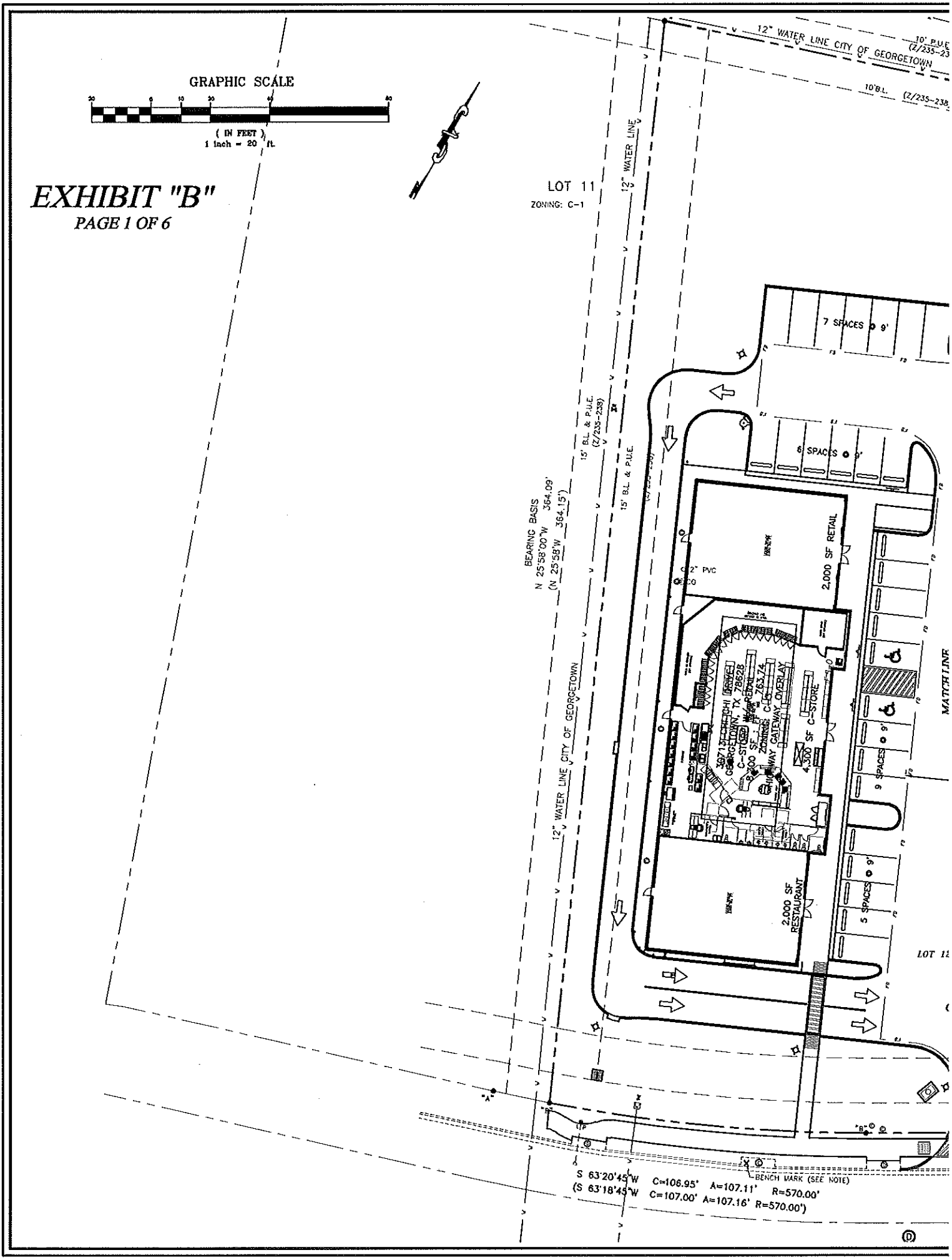
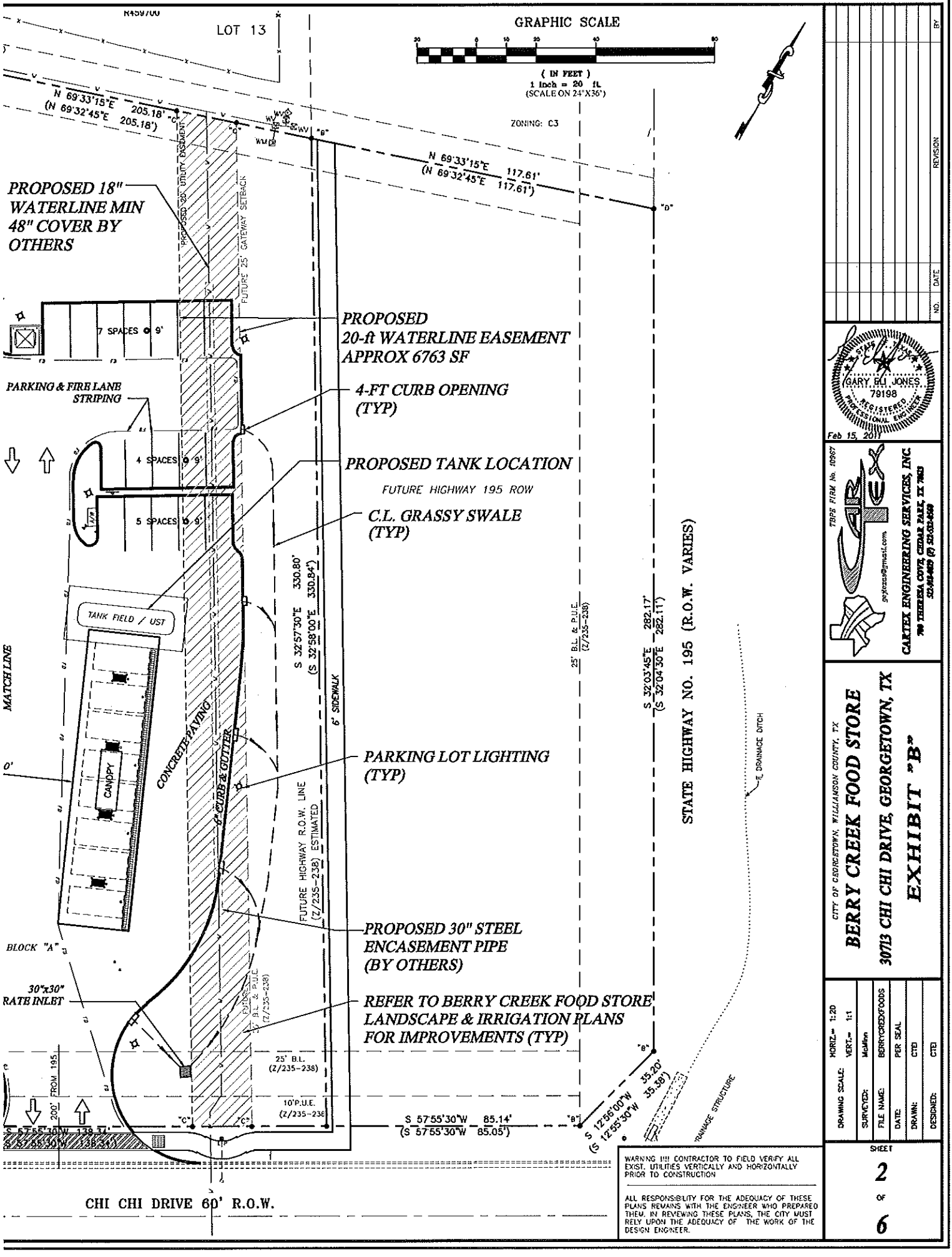


EXHIBIT B



NO. | DATE | REVISION | BY

GARY ELI JONES 79198 REGISTERED PROFESSIONAL ENGINEER
Feb 15, 2011

CARTEX ENGINEERING SERVICES, INC
TBPE FIRM No. 10967
700 TERRELL COVE, CEDAR PARK, TX 78613
512.863.4669 @ 512.431.4669
gxpress@gmail.com

CITY OF GEORGETOWN, WILLIAMSON COUNTY, TX
BERRY CREEK FOOD STORE
30713 CHI CHI DRIVE, GEORGETOWN, TX
EXHIBIT "B"

DRAWING SCALE:	HORIZ.= 1:20 VERT.= 1:1
SURVEYED:	McMinn
FILE NAME:	BERRYCREEKFOODS
DATE:	PER SEAL
DRAWN:	CTD
DESIGNED:	CTD

SHEET 2 OF 6

WARNING !!! CONTRACTOR TO FIELD VERIFY ALL EXIST. UTILITIES VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

EXHIBIT "B"

PAGE 3 OF 6

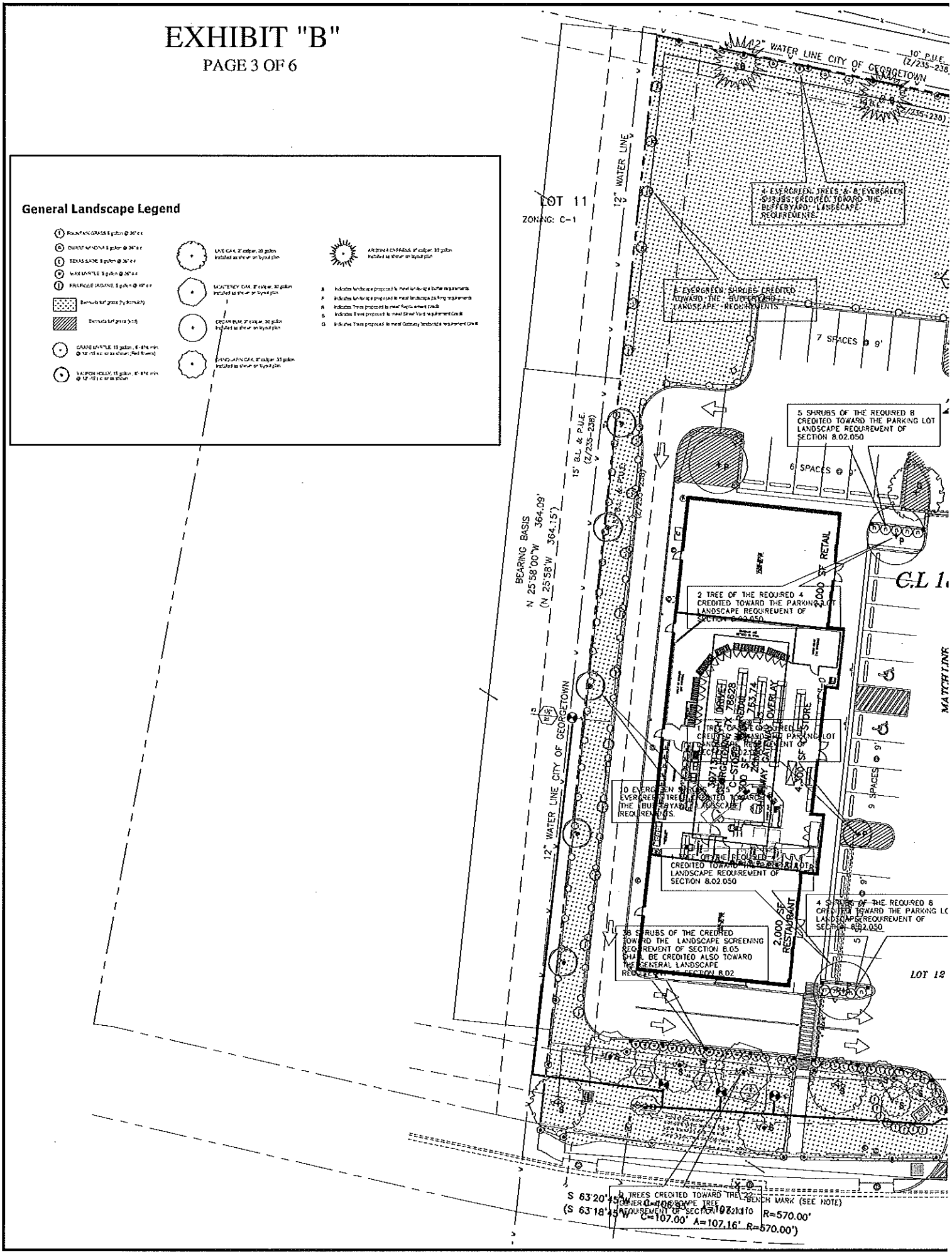
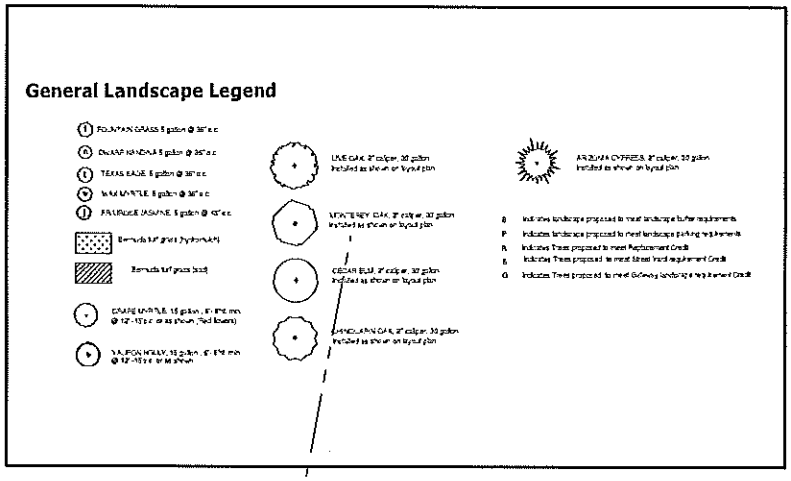


EXHIBIT "B"

PAGE 3 OF 6



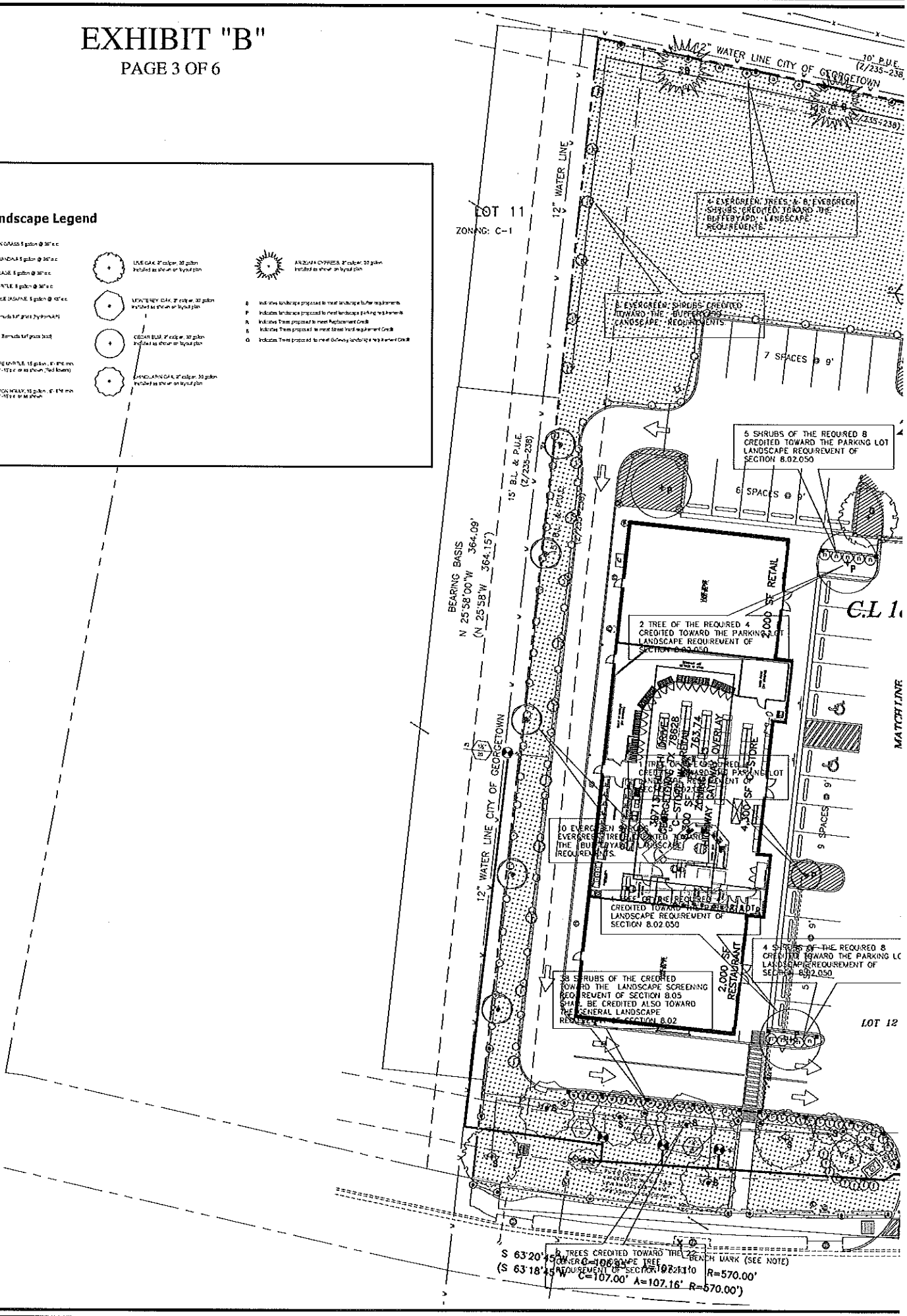


EXHIBIT "B"

PAGE 5 OF 6

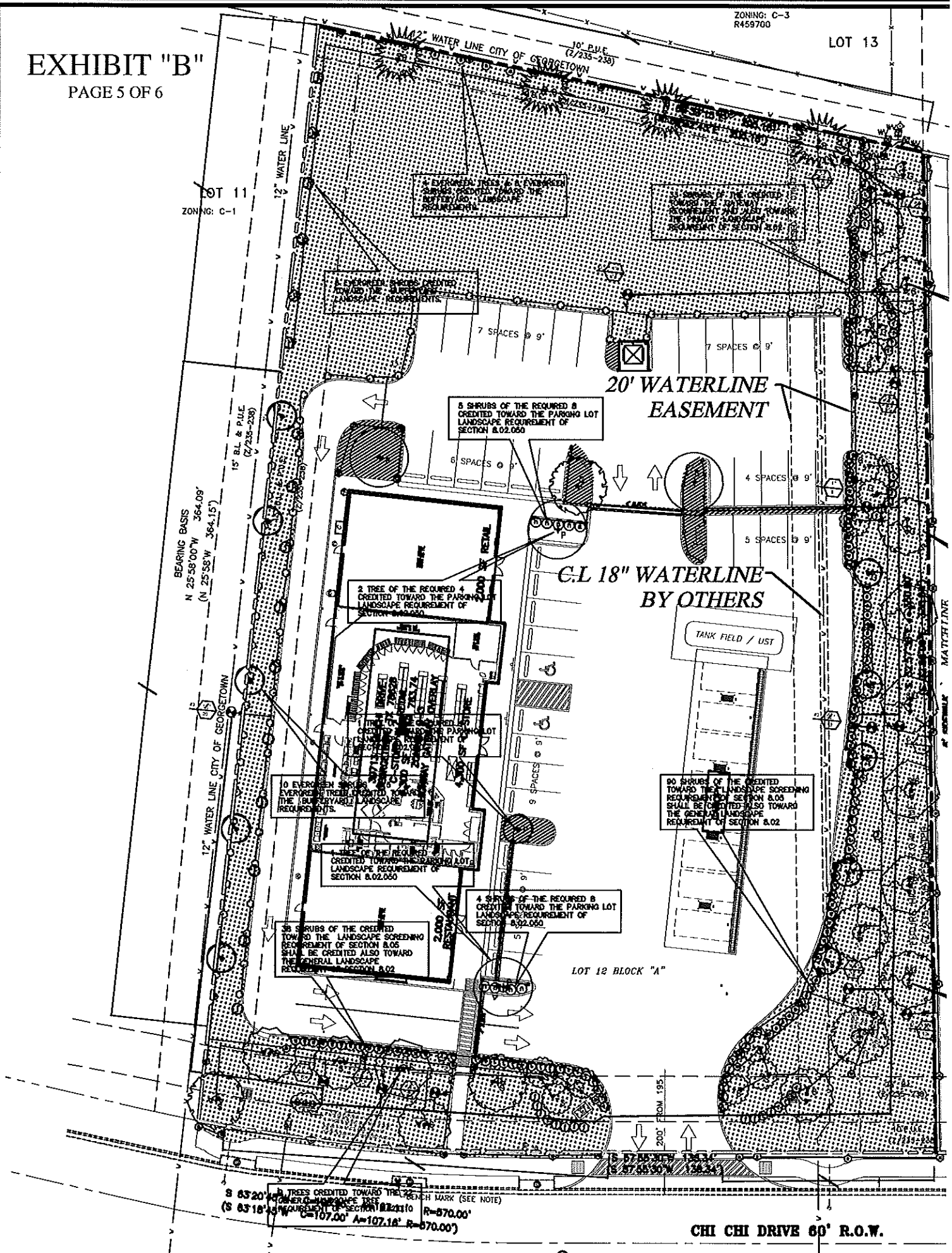


EXHIBIT "B"

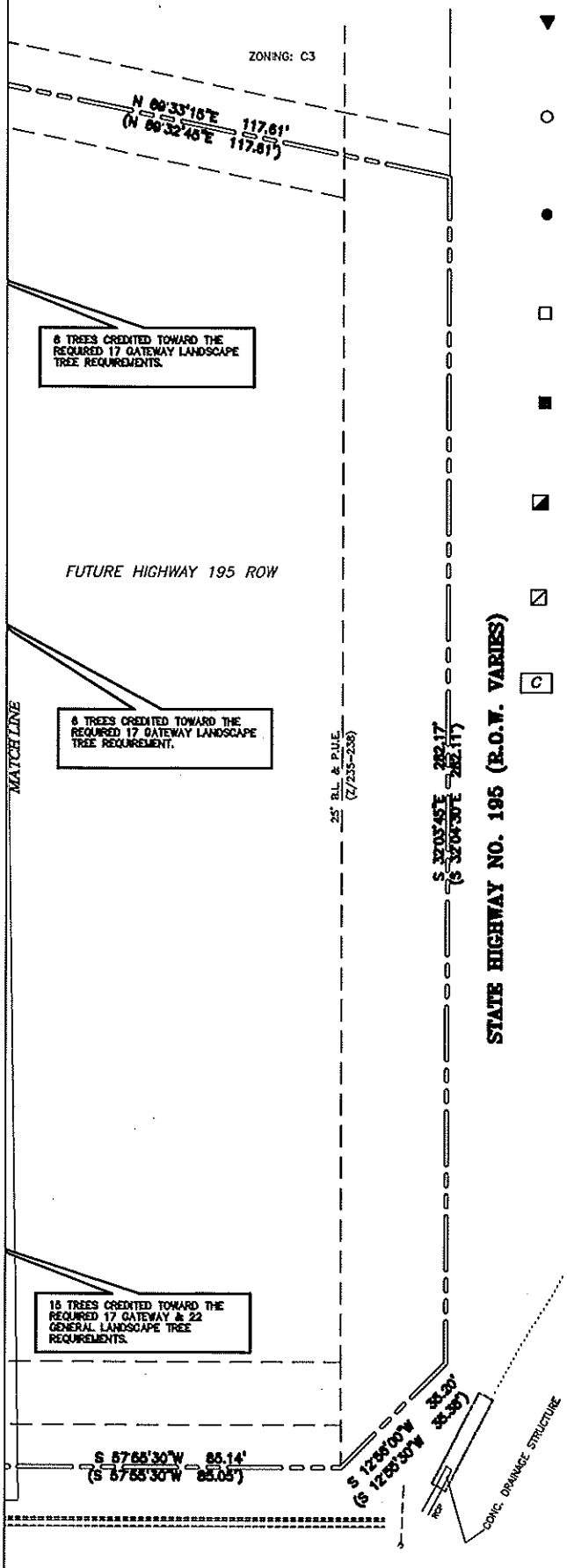
General Landscape Irrigation Legend

- HUNTER MULTI-STREAM BUBBLER 360 ARC @ 1.0 GPM ON 6" POP-UP SPRAY BODY FOR TREE WINE APPLICATIONWHERE PLACED NEXT TO HARDSCAPE AREAS OR BUBBLER NOZZLE ON 4" RISER WITH SWING JOINT WHERE SITED AGAINST BUILDING FOUNDATIONS OR WALLS (SEE DETAIL)
- HUNTER INSTITUTIONAL SPRAY HEAD SERIES 4" POP-UP SPRAY FOR TURF GRASS APPLICATION. USE FACTORY INSTALLED CHECK VALVE FOR ELEVATION CHANGE UP TO 10 FEET. RADIUS OF 18', 15', 12', 10' 8' WITH ADJUSTABLE AND FIXED ARCS RANGING FROM 360° TO 45° TO BE USED TO OBTAIN HEAD TO HEAD COVERAGE. (SEE DETAIL)
- HUNTER INSTITUTIONAL SPRAY HEAD SERIES 12" POP-UP SPRAY FOR SHRUB GROUNDCOVER APPLICATION. USE FACTORY INSTALLED CHECK VALVE FOR ELEVATION CHANGE UP TO 10 FEET. RADIUS OF 18', 15', 12', 10' 8' WITH ADJUSTABLE AND FIXED ARCS RANGING FROM 360° TO 45° TO BE USED TO OBTAIN HEAD TO HEAD COVERAGE. (SEE DETAIL)
- HUNTER INSTITUTIONAL STRIP SPRAY HEAD SERIES 4" POP-UP SPRAY FOR TURF GRASS APPLICATION. USE FACTORY INSTALLED CHECK VALVE FOR ELEVATION CHANGE UP TO 10 FEET. use OF CORNER AND SIDE STRIP SPRAY PATTERNS TO BE USED TO OBTAIN HEAD TO HEAD COVERAGE. (SEE DETAIL)
- HUNTER INSTITUTIONAL STRIP SPRAY HEAD SERIES 4" POP-UP SPRAY FOR SHRUB AND GROUNDCOVER APPLICATION. USE FACTORY INSTALLED CHECK VALVE FOR ELEVATION CHANGE UP TO 10 FEET. use OF CORNER AND SIDE STRIP SPRAY PATTERNS TO BE USED TO OBTAIN HEAD TO HEAD COVERAGE. (SEE DETAIL)
- FEBCO , WATIONS OR EQUAL DOUBLE CHECK VALVE ASSEMBLY PLACED IN LARGE RETANGULAR PLASTIC VALVE BOX WITH LID. SIZED AS PER DRAWING AND INSTALLED AS PER MANUFACTURER RECOMMENDATIONS (SEE DETAIL)
- REDUCED PRESSURE BACKFLOW ASSEMBLY SIZED AS PER DRAWING, INSTALLED AS PER MANUFACTURER RECOMMENDATIONS. PROVIDE BACKFLOW PREVENTION DEVICES ENCLOSURE (SOURCE: GUARDSHACK OR HOTBOX REFERENCE DETAIL)
- C — ELECTRONIC CONTROLLER HUNTER PRO SERIES WITH ET SYSTEM – WALL MOUNTED NUMBER OF STATION BASED ON TOTAL NUMBER OF STATIONS SHOWN ON PLAN). ELECTRICAL POWER TO BE PROVIDED BY OTHER. (SEE DETAIL)
- HUNTER MP1000 ROTATOR SPRAY HEAD SERIES 6" POP-UP SPRAY FOR TURF GRASS APPLICATION. USE FACTORY INSTALLED CHECK VALVE FOR ELEVATION CHANGE UP TO 10 FEET. RADIUS OF 8' TO 15' @ 40 PSI. WITH ADJUSTABLE AND 360 ARCS TO BE USED TO OBTAIN HEAD TO HEAD COVERAGE. (SEE DETAIL)
- HUNTER MP2000 ROTATOR SPRAY HEAD SERIES 6" POP-UP SPRAY FOR TURF GRASS APPLICATION. USE FACTORY INSTALLED CHECK VALVE FOR ELEVATION CHANGE UP TO 10 FEET. RADIUS OF 13' TO 21' @ 40 PSI WITH ADJUSTABLE AND 360 ARCS TO BE USED TO OBTAIN HEAD TO HEAD COVERAGE. (SEE DETAIL)
- HUNTER MP3000 ROTATOR SPRAY HEAD SERIES 6" POP-UP SPRAY FOR TURF GRASS APPLICATION. USE FACTORY INSTALLED CHECK VALVE FOR ELEVATION CHANGE UP TO 10 FEET. RADIUS OF 22' TO 30' @ 40 PSI WITH ADJUSTABLE AND 360 ARCS TO BE USED TO OBTAIN HEAD TO HEAD COVERAGE. (SEE DETAIL)
- HUNTER PGV SERIES REMOTE CONTROL VALVE SIZED AS PER DRAWING, INSTALLED WITHIN A PLASTIC BOX AND LID (SEE DETAIL)
- ISOLATION BALL VALVE SIZE AS PER DRAWING. VALVE TO BE SET WITHIN 10" ROUND PLASTIC VALVE BOX AND LID OR EQUAL (SEE DETAIL)
- QUICK COUPLER OR HOSE BIB IN 10" ROUND VALVE PLASTIC BOX WITH LID (SEE DETAIL)
- SLEEVE SCHEDULE 40 PVC (SEE DETAIL). SLEEVE SHALL BE TWICE THE SIZE OF LATERAL LINE
- MAIN LINE WATER LINE SCHEDULE 40 PVC, SIZE AS PER DRAWING
- LATERAL LINE CLASS 200 PVC, ALL LATERAL LINE SHALL BE 3/4" UNLESS NOTED OTHERWISE. SIZE AS PER DRAWING (SEE DETAIL)
- R — RAIN SENSOR- WIRELESS OR HARD-WIRE HUNTER RAIN CLIK SERIES OR EQUAL (SEE DETAIL)
- F — FEREZE SENSOR- WIRELESS OR HARD-WIRE HUNTER FREEZE CLIK SERIES OR EQUAL (SEE DETAIL)

#3 — 1" — IDENTIFICATION OF VALVE
SIZE OF SECTION VALVE
15 — GPM OF SECTION

ARC LEGEND

A	ADJUSTABLE ARC
Q	QUARTER ARC 90°
T	THIRD ARC 120°
H	HALF ARC 180°
TT	TWO THIRD 240°
TQ	THREE QUARTER 270°
F	FULL 360°
RS	RIGHT CORNER STRIP
LS	LEFT CORNER STRIP
CS	CENTER STRIP
SS	SIDE STRIP



NO.	DATE	REVISION	BY

TBPE FIRM No. 10967

CARTEX ENGINEERING SERVICES, INC.
pvillarreal@gmail.com

CITY OF GEORGETOWN, WILLIAMSON COUNTY, TX

BERRY CREEK FOOD STORE

3715 CHI CHI DRIVE, GEORGETOWN, TX

IRRIGATION PLAN

DRAWING SCALE:	HORZ.= 1:30 VERT.= 1:1
SURVEYOR:	Mathis
FILE NAME:	REVISEDIRRIGATION
DATE:	FOR SEAL
DRAWN:	CTD
REVIEWED:	CTD

SHEET

6 of 6

Consider authorizing Commissioner Covey to execute a letter to the City of Georgetown requesting an extension of the Shell Road PID assessment lien fo

Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Terri Countess, Commissioner Pct. #3
Submitted For: Valerie Covey
Department: Commissioner Pct. #3
Agenda Category: Regular Agenda Items

Information

Agenda Item

Consider authorizing Commissioner Covey to execute a letter to the City of Georgetown requesting an extension of the Shell Road PID assessment lien for two years for Campbell-Georgetown, Ltd tract.

Background

Georgetown created a Public Improvement district 7 years ago to repay the County for cost to relocate Shell road across from the HEB. The PID placed assessment liens, with 7 % interest, on all properties benefitting from the relocation. All properties except the Campbell tract have sold and paid off their liens. According to the PID, the assessments are due when the property is sold, platted or at the end of 7 years. The Campbell tract has requested a 2 year extension, acknowledging that the 7% interest meter continues to run. The City of Georgetown has approved the 2 year extension.

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

Link: third Ammendment

Link: Gerogetown Minutes on PID

Form Routing/Status

Form Started By: Terri Countess — Started On: 02/16/2011 02:15 PM

Final Approval Date: 02/16/2011

THIRD AMENDMENT TO DEVELOPMENT AGREEMENT

THE STATE OF TEXAS)
)
COUNTY OF WILLIAMSON)

THIS THIRD AMENDMENT TO DEVELOPMENT AGREEMENT is entered into this the 25th day of February, 2011 by and between **CAMPBELL-GEORGETOWN #1 LIMITED PARTNERSHIP**, a Texas limited partnership (Owner) and the **CITY OF GEORGETOWN, TEXAS**, a Texas home rule municipal corporation (the City) .

WHEREAS, Owner is the owner of certain real property in Williamson County, Texas (the Property) which is located in the City and is more fully described in Exhibit A, attached hereto; and

WHEREAS, pursuant to Chapter 372 of the Texas Local Government Code, and Ordinance No. 2001-51, the City authorized the creation of the Shell Road Public Improvement District (the "District"); and

WHEREAS, pursuant to Ordinance No. 2001-51, the District levied assessments on all properties within the District to partially repay the costs to re-align Shell Road (the "Shell Road Realignment"); and

WHEREAS, on September 9, 1997 Owner and the City entered into a Development Agreement (the "Agreement") to define the Owner's (and its successors and assigns) responsibility with respect to the realignment of the Shell Road Realignment; and

WHEREAS, on or about July 16, 2001, the Mayor of the City of Georgetown executed the First Amendment to the Development Agreement; and

WHEREAS, on or about March 27, 2003, the Mayor of the City of Georgetown executed the Second Amendment to the Development Agreement; and

WHEREAS, the assessment lien has been assigned to Williamson County; and

NOW THEREFORE, the City and the Owner desire to enter into an additional amendment to the Development Agreement as follows:

1. Owner acknowledges that the Shell Road Alignment is complete, and the revision provisions in the deed conveying right-of-way to the City for the Shell Road Realignment are hereby withdrawn.

2. Ordinance No. 2001-51 imposed an assessment ("Assessment") against the Property with interest accruing at the rate of seven (7%) compounding annually. To date, a total sum of at least $377,994.06, including compounded interest, is currently assessed against the Property of the Owner (the "Current Assessment").

3. Pursuant to Ordinance No. 2001-51, the Current Assessment against the property is due and owing as of February 25, 2011.

4. The City hereby agrees to extend the payment of the Current Assessment from February 24, 2011 until February 24, 2013, at which time the then Current Assessment will be due and owing, with interest to continue to accrue at seven percent compounded annually from the date that the Shell Road Realignment was completed until the Full Assessment is paid.

5. If any portion of the Property is platted or sold prior to February 24, 2013, the then Current Assessment with accrued interest for the entire Property shall be due and owing.

6. The assessment lien against the Property, and all other provisions as stated in Ordinance No. 2001-51, shall remain in full force and affect.

7. This Third Amendment is subject to the approval of Williamson County, of which has been assigned the assessment lien.

CAMPBELL/GEORGETOWN #1 LIMITED PARTNERSHIP,
a Texas limited partnership

By: CCD Partnership Management, LLC,
General Partner

By: _____
William E. Cooper, Manager

CITY OF GEORGETOWN, TEXAS,
a Texas home rule municipal corporation

By: _____
George Garver, Mayor

Attest:

_____
Jessica Brettle, City Secretary

Approved:

WILLIAMSON COUNTY

By: _____

STATE OF TEXAS)
) PARTNERSHIP ACKNOWLEDGMENT
COUNTY OF WILLIAMSON)

This instrument was acknowledged before me on the _____ day of _____, 2011 by William E. Cooper, a person known to me, in his capacity as Manager of CCD Partnership Management, LLC, the General Partner for Campbell/Georgetown #1 Limited Partnership, a Texas limited partnership, on behalf of said partnership.

_____
Notary Public in and for the State of Texas

STATE OF TEXAS)
)
COUNTY OF WILLIAMSON)

CORPORATE ACKNOWLEDGEMENT

This instrument was acknowledged before me on the _____ day of_____, 2011 by George Garver, a person known to me, in his capacity as Mayor of the City of Georgetown, Texas, a Texas Home Rule Municipal Corporation, on behalf of said municipality.

_____
Notary Public in and for the State of Texas

STATE OF TEXAS)
)
COUNTY OF WILLIAMSON)

CORPORATE ACKNOWLEDGEMENT

This instrument was acknowledged before me on the _____ day of _____, 2011 by Judge Gattis, a person known to me, in his capacity as the County Judge of the City of Williamson County, Texas, , on behalf of said County.

_____
Notary Public in and for the State of Texas

Received Time May.30. 9:00AM

EXHIBIT A

BEING 226.68 acres of land, of which 219.64 acres are situated in the Joseph Fish Survey, Abstract No. 232, and 7.04 acres are situated in the David Wright Survey, Abstract No. 13, in Williamson County, Texas. Said land being a portion of that certain tract of land called 544.71 acres, as conveyed to Property Management Services, Inc., by deed as recorded in Volume 650, Page 113, of the Deed Records of Williamson County, Texas. Surveyed on the ground in the month of November, 1982, under the supervision of Don H. Bizzell, Registered Public Surveyor, and being more particularly described as follows:

BEGINNING at a post in concrete on or near the north line of the Joseph Fish Survey, Abstract No. 232 marking the most northerly N.W. corner of the above referenced 544.71 acre tract, for the most northerly N.W. corner hereof;

THENCE, with a fence along a northerly line of the said 544.71 acre tract, and along or near the north line of the said Joseph Fish Survey, Abstract No. 232, as follows; N 70° 01' E, 621.73 feet to an iron pin set; N 70° 24' E, 423.04 feet to an iron pin set; N 70° 48' E, 637.94 feet to an iron pin set; N 70° 03' E, 274.62 feet to an iron pin set; and N 72° 51' E, 57.65 feet to an iron pin found at a fence corner marking the most northerly N.E. corner of the said 544.71 acre tract, for the N.E. corner hereof;

THENCE, with a fence along an easterly line of the said 544.71 acre tract as follows; S 20° 09' E, 477.37 feet to an 8" Oak tree; S 18° 00' E, 134.10 feet to a 14" Oak tree; S 15° 34' E, 218.29 feet to an 11" Oak Tree; S 19° 04' E, 843.50 feet to a 10" Elm tree; S 19° 49' E, 879.92 feet to a 10" Cedar post; S 38° 16' W, 3.35 feet to a 10" Cedar post; S 18° 29' E, 756.87 feet to a fence post; and S 20° 07' E, 997.32 feet to an iron pin found at a fence corner on or near the common line between the Joseph Fish Survey, Abstract No. 232 and the David Wright Survey, Abstract 13, marking the interior corner of the said 544.71 acre tract, said point also being on the north line of Lot 11, Block "A", of Serenada West, Section 2, a subdivision of record in Cabinet D, Slides 130-134, of the Plat Records of Williamson County, Texas, for the most easterly S.E. corner hereof;

THENCE, S 69° 06' W, 1,452.20 feet, along the said north line of Serenada West, Section 2, to an iron pin found marking the N.W. corner of Lot 1, Block "A" of the said Serenada West, Section 2, for an interior corner hereof;

THENCE, S 20° 52' E, 233.35 feet to an iron pin found on the north line of Sequoia Spur, an existing paved roadway, marking the S.W. corner of the said Lot 1, Block "A", for the most southerly S.E. corner hereof;

UNOFFICIAL DOCUMENT

Received Time May.30. 9:00AM

THENCE, along the said north line of Sequoia Spur, as follows; S 68° 12' W, 133.62 feet to an iron pin set at the beginning of a curve to the right, (Radius = 2,309.25 feet, Long Chord bears S 70° 15' W, 165.89 feet);
Thence, along the said curve an arc distance of 165.93 feet to an iron pin set;
Thence, S 72° 19' W, 126.09 feet to an iron pin set at the beginning of a curve to the left, (Radius = 106.38 feet, Long Chord bears S 49° 23' W, 82.89 feet);
Thence, along the said curve an arc distance of 85.14 feet to an iron pin set at the beginning of a curve to the right, (Radius = 35.00 feet, Long Chord bears S 71° 27' W, 49.50 feet);
Thence, along the said curve an arc distance of 54.98 feet to an iron pin set on the east line of Farm to Market Road No. 2338, for the S.W. corner hereof;

THENCE, along the said west line of F.M. No. 2338, as follows; N 63° 33' W, 91.69 feet to a concrete monument found at the beginning of a curve to the right, (Radius = 1,869.65 feet, Long Chord bears N 48° 35' W, 965.30 feet);
Thence, along the said curve passing the said common line between the David Wright Survey, Abstract 13, and the Joseph Fish Survey, Abstract No. 232, for an arc distance of 976.36 feet to a concrete monument found;
Thence, N 33° 40' W, 705.11 feet to a concrete monument found at the beginning of a curve to the left, (Radius = 5,769.65 feet, Long Chord bears N 35° 17' W, 322.06 feet);
Thence, along the said curve an arc distance of 322.10 feet to an iron pin found at a fence corner marking the most westerly N.W. corner of the said 544.71 acre tract for the most westerly N.W. corner hereof;

THENCE, with a fence along a northerly line of the said 544.71 acre tract, as follows; N 47° 15' E, 795.33 feet to a 14" Oak tree; and N 45° 14' E, 89.38 feet to an iron pin found at a fence corner marking an interior corner of the said 544.71 acre tract, for an interior corner hereof;

THENCE, with a fence along a westerly line of the said 544.71 acre tract, as follows; N 20° 35' W, 437.14 feet to an iron pin found; N 20° 22' W, 388.89 feet to an iron pin found; N 19° 41' W, 449.90 feet to an iron pin found; N 19° 15' W, 982.46 feet to a post by a 14" Oak tree; and N 21° 46' W, 92.34 feet to the Place of BEGINNING and containing 226.68 acres of land.

UNOFFICIAL DOCUMENT

Received Time May.30. 9:00AM

SAVE AND EXCEPT, HOWEVER, the following tracts of land:

(1) The portion of the above-described property, containing approximately .593 acres, previously conveyed to Williamson County, Texas for the widening of F.M. 2338.

(2) The portion of the above described property, containing approximately 4.94 acres, previously conveyed to Williamson County, Texas as right of way for Shell Road.

(3) The following described 21.498 acre tract of land:

BEGINNING at a 1/2" iron rod found at the intersection of the east RIGHT-OF-WAY line of F.M. 2338 (R.O.W. varies) and the north RIGHT-OF-WAY line of Sequoia Spur (50' R.O.W.) for the southwest corner hereof;

THENCE, along the said east line of F.M. 2338 the following three (3) courses and distances:

1) N63°35'42"W, a distance of 123.16 feet to 1/2" iron rod found for the beginning of a non-tangent curve to the right;

2) along the said curve to the right, having a radius of 1849.86 feet, a central angle of 29°54'21" an arc distance of 965.55 feet, and a chord which bears N48°37'34"W, a distance of 954.62 feet to a 1/2" iron rod found;

3) N36°13'41"W, a distance of 88.11 feet to 1/2" iron rod found at the southwest corner of that certain 4.94 acres of land conveyed to County Judge Don Wison by deed recorded in Volume 1751, Page 878, of the Official Records of Williamson County, Texas, being known as Shell Road for the northwest corner hereof;

THENCE, leaving the east line of F.M. 2338, along the common line between the said Shell Road and the said 226.68 acres, the following two courses and distances:

1) N08°39'21"E, a distance of 70.79 feet to a 1/2" iron rod found;

2) N53°41'38"E, a distance of 800.56 feet to 1/2" iron rod found for the northeast corner hereof;

THENCE, S35°03'30"E, over and across the said 226.68 acres, a distance of 1076.55 feet to 1/2" iron rod found for the northwest corner of Lot 1, Block A of Serenada West Section 2, a subdivision of record in Cabinet D, Slide 130 of the plat records of Williamson County, Texas, and an angle point hereof;

Unofficial Document

Received Time May.30. 9:00AM

THENCE, S20°35'02"E, along the common line between the said Lot 1 and the said 226.68 acres a distance of 233.49 feet to 1/2" iron rod found in the said north line of Sequoia Spur, for the southwest corner of the said Lot 1 and the southeast corner hereof;

THENCE, along the north line of Sequoia Spur the following five (5) courses and distances:

1) S68°19'13"W, a distance of 132.30 feet to 1/2" iron rod found for the beginning of a non-tangent curve to the right;

2) along the said non-tangent curve to the right having a radius of 2309.26 feet, a central angle of 04°07'02", an arc distance of 165.94 feet, and a chord which bears S70°13'05"W, a distance of 165.90 feet to 1/2" iron rod found;

3) S72°17'58"W, a distance of 126.10 feet to 1/2" iron rod found for the beginning of a non-tangent curve to the left;

4) along said non-tangent curve to the left having a radius of 106.38 feet, a central angle of 45°52'00", an arc distance of 85.16 feet, and a chord which bears S49°22'11"W, a distance of 82.90 feet to a 1/2" iron rod found for a point of reverse curvature of a non-tangent curve to the the right;

5) along the said non-tangent curve to the right, having a radius of 35.00 feet, a central angle of 24°53'52", an arc distance of 15.21 feet, and a chord which bears S39°02'12"W, a distance of 15.09 feet to the POINT OF BEGINNING, containing an area of 21.498 acres (936,464 sq. ft.) of land, more or less, within these metes and bounds.

Unofficial Document

City of Georgetown, Texas
January 25, 2011

SUBJECT:

Consideration and possible action to approve the **3rd Amendment to the development agreement with Campbell-Georgetown #1 Limited Partnership** as part of the **Shell Road Public Improvement District** extending the repayment terms by 24 months --Mark Sokolow, City Attorney

ITEM SUMMARY:

This agreement extends the repayment terms 24 months on the last portion of the Shell Road Public Improvement District from February 24, 2011 until February 24, 2013.

The Shell Road PID was created in 1997 to fund the realignment of Shell Road and Williams Drive. The assessment was created in 2000. The PID was the financing mechanism created by the City as a pass through for funding of the project that was constructed by Williamson County.

The original project costs were funded and constructed by Williamson County, since the properties were in the County not the City at the time of the agreement. A total assessment of $832,500 was levied against the property owners , with payment to be made within 7 years after completion of the project. The last payment of approximately $377,994.06 is due in February 2011. Interest rates were established at 7% from the date that the Shell Road realignment was completed. The assessment lien has been assigned to Williamson County.

Once payments were received, the City forwarded them to the County. The City has **NO FINANCIAL INTEREST** in this agreement, and only acts as the conduit for the project. To date, all properties except for 1 (Campbell-Georgetown #1 Limited Partnership) have paid their assessment. This resolution extends the payment period 24 months at the request of the landowner.

This agreement will require the approval of Williamson County. Staff recommends approving the extension at this time.

During the meeting of February 8 and February 22nd, an Ordinance will be placed on the agenda as to a general process of extending the due date or waiving interest as it pertains to liens and assessments in cases wherein it will facilitate economic development.

The effective date of the agreement will be February 25, 2011.

FINANCIAL IMPACT:

None

SUBMITTED BY:
Mark Sokolow, City Attorney

ATTACHMENTS:

Third Amendment to Development Agreement

Engagement Letter - Floodplain Counsel
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Hal Hawes, County Judge
Submitted For: Bob Daigh
Department: County Judge
Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss and take appropriate action regarding employment of the law firm of Tiemann, Shahady & Hamala, P.C. to represent Williamson County in relation to Williamson County Floodplain matters; and exemption of those attorney services from the competitive bid/proposal requirements of the County Purchasing Act pursuant to the discretionary exemption for personnel or professional services.

Background

This Agreement contemplates providing legal advice and assisting with statutory and regulatory requirements relating to Williamson County floodplain matters. Such legal services in relation to Williamson County floodplain matters shall include assisting County officials and employees, attending meetings as required, negotiating, drafting, and reviewing documents, and performing other tasks as directed by the Williamson County Commissioners Court and Williamson County's Senior Director of Infrastructure.

Bob Daigh will present the item and will answer any questions the court may have.

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

Link: Engagement Letter - Floodplain Counsel

Form Routing/Status

Form Started By: Hal Hawes Started On: 02/16/2011 05:40 PM

Final Approval Date: 02/17/2011

ATTORNEY/CLIENT ENGAGEMENT AGREEMENT

This ENGAGEMENT AGREEMENT (Agreement) is made by and between Williamson County, Texas, a political subdivision of the State of Texas (County) and Tiemann, Shahady & Hamala, P.C. (Firm).

County, in consideration of services to be rendered by Firm to County, retains Firm to provide legal services and counsel to include the services described below.

County and Firm agree:

Scope of Work:

This Agreement contemplates providing legal advice and assisting with statutory and regulatory requirements relating to Williamson County floodplain matters. Such legal services in relation to Williamson County floodplain matters shall include assisting County officials and employees, attending meetings as required, negotiating, drafting, and reviewing documents, and performing other tasks as directed by the Williamson County Commissioners Court and Williamson County's Senior Director of Infrastructure.

Terms of Agreement**:**

This Agreement can only be amended by a written document signed by both County and the Firm. This Agreement is not transferable or assignable. This Agreement may be terminated by either party with a thirty (30) day written notice. This Agreement is effective upon signing and will continue as long as both parties agree to the scope of work and terms listed above and should not exceed $100,000 in billable services in any given County fiscal year without expressed approved by the Williamson County Commissioners Court.

Compensation:

County agrees to compensate Firm for legal services based on the following hourly rates:

Attorneys	
Richard Hamala	$175/hour
Carl Shahady	$175/hour
Legal Assistant	$75/hour

In addition to the above rates, copying charges and third party expenses paid or incurred by the Firm in the performance of legal services for the County will be invoiced without markup to the County.

_____

Richard Hamala
Tiemann, Shahady & Hamala, P.C.
102 N. Railroad Ave
Pflugerville, TX 78660

Date: _____

_____

Judge Dan A. Gattis,
Williamson County Judge
710 Main Street, Suite 101
Georgetown, TX 78626

Date: _____

Policy Manual Revisions Bad Weather Leave / EOC Activation Leave
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Mary Tomasek, Human Resources
Submitted For: Lisa Zirkle
Department: Human Resources
Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss and take appropriate action regarding revisions to the Williamson County Employee Policy Manual on page 72 – 73 and pages 90 – 91. These revisions concern Bad Weather Leave / EOC Activation Leave Policy.

Background

Placing all leave and pay policy information in one section of the Employee Policy Manual while still defining leave processes differently between bad weather events when the County offices are closed and EOC events when County offices remain open.

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

Link: Revisions to Bad Weather - EOC 2.17.11

Form Routing/Status

Form Started By: Mary Tomasek
Started On: 02/17/2011 11:17 AM
Final Approval Date: 02/17/2011

SEVERE WEATHER CLOSINGS

1. 911 and OEM/EMS monitor ice, snow, and severe storms.

2. These are the criteria for closing: field reports, forecasts, major ISD closings, other governmental closings.

3. The OEM/EMS Director will contact the county judge, and make recommendation based on above criteria.

4. County Judge will make the decision and call 911 & PIO.

PUBLIC INFORMATION

1. If the decision is made at night or early in the morning, the PIO will list the information on the web page and record a voicemail for County employees; the PIO will also notify the media.

2. Information will be made available by 6 a.m.

3. If the decision to close occurs during normal business hours, PIO will notify offices and departments, and the media.

ALL BUILDINGS OPEN OR CLOSED

1. County Judge's decision will be that all buildings are open or all buildings are closed--public and employees get only one message.

2. Exception: essential personnel must report.

3. Offices that differ with decision will have to notify their own employees and will be responsible for opening and closing buildings.

ESSENTIAL PERSONNEL

1. LAW ENFORCEMENT, CORRECTIONS
2. EMS
3. 911 DISPATCH
4. FACILITIES
5. JUVENILE ACADEMY AND DETENTION
6. DEPARTMENT OF INFRASTRUCTURE
7. TECHNOLOGY SERVICES
8. EMPLOYEES DESIGNATED BY DEPARTMENT HEAD
9. EMPLOYEES IN OTHER OFFICES THAT ARE OPEN

~~PAY ISSUES--WEATHER CLOSINGS~~

~~1. Essential non-exempt personnel who work may be granted EP leave (emergency personnel leave),~~

~~to be used at the discretion of the official/dept head, as departmental budgets allow. EP leave will be paid in the same amounts as holiday leave but will not carry over to the next fiscal year.~~

~~2. All essential personnel who do not work during the weather closing must notify their supervisors. They will be paid, required to use leave, or placed on leave without pay, at the discretion of the official/department head.~~

~~3. Employees who are not essential should not place themselves or the public at risk by coming to work. If they voluntarily do so, they will not be granted EP leave or receive other compensation.~~

~~4. All full-time, non-essential employees scheduled to work on a day when their office or department is officially closed will be paid.~~

~~5. All full-time, non-essential employees who do not work on days when their office or department is officially open may be paid, or required to use leave, or placed on leave without pay, at the discretion of the official or department head.~~

~~6. Regular, part-time employees working at least 20 hours per week will be paid for weather closings that occur on a scheduled work day.~~

~~7. Such employees who do not work when their worksites are officially open may be paid, or required to use accrued leave, or be placed on leave without pay, at the discretion of the official or department head.~~

~~OTHER OFFICIAL CLOSINGS~~

1. ~~The procedures for paying essential, non-essential, and regular part-time employees in cases of severe weather closings will also be applied when county offices are officially closed for other reasons, such as funerals or non-weather-related emergencies.~~

INJURIES AND HEALTH EMERGENCIES

2. Always call 911 if there is an injury or health emergency (heart attack, choking, severe asthma, serious fall, etc.).

3. The county phone system will be modified to show origin/location of the call in order to provide specific information to emergency personnel.

4. County buildings will have AED (automated external defibrillation) units and first-aid kits.

5. Some employees will receive first-aid and AED training; their names will be given to offices and departments.

ACCIDENT/INJURY FOLLOW-UP

1. Injured employees or their supervisors will submit a TWCC-1 to HR immediately after the incident (first report of injury or illness).

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Infrastructure Department Personnel Working Four Ten Hour Days (Monday through Thursday)

Approved by Commissioners Court December 7, 2010
Effective: December 10, 2010

Usual Work Week: Employees working four ten hour days shall work Monday, Tuesday, Wednesday and Thursday. This schedule may be changed to Tuesday through Friday at the sole discretion of the supervisor. The employees shall additionally perform emergency response duty at the request of their supervisor. Emergency response duty can occur on any day of the week.

Vacation: Vacation hours will be accrued at the pay period rates defined in the Williamson County Employee Policy Manual. A single day of vacation taken requires ten hour of vacation to account for the ten hours of paid leave taken.

Sick Leave: Sick leave hours will be accrued at the pay period rates defined in the Williamson County Employee Policy Manual. A single day of sick leave taken requires ten hour of sick leave to account for the ten hours of paid leave taken.

Holidays: Eight hours of holiday leave will be credited to the employee for each County recognized holiday occurring within the pay period. A single holiday taken requires ten holiday or vacation hours for the ten hours of paid leave taken.

Example 1: A holiday occurs on a Friday. The employee accrues eight hours of holiday time but does not charge holiday time since the employee is not scheduled to work on Friday.

Example 2: A holiday occurs on a Monday, Tuesday, Wednesday or Thursday. The employee accrues eight hours of holiday time but must charge 10 hours of accrued holiday or other leave time.

Floating Holiday

Eligible employees may receive 1 floating holiday per fiscal year, with prior approval of their elected official or department head, for personal or business reasons. The floating holiday is non-cumulative and may not be "sold" or "bought". Floating holidays are not paid out upon termination or resignation from Williamson County.

Other Leave (Revised: 2/17/2011)(Approved by Commissioners Court (x/xx/xxxx)

1. Extra holidays, bad weather days, public disasters, official funerals and similar occasions that involve the suspension of all routine County business may only be declared by the County Judge or his designated representative.

Leave Time During Closures of County Offices

1. County offices may be officially closed by the County Judge or his designated representative in the event of severe weather or other events as described in the "Other Leave" section. After the event, Payroll Staff in the County Auditor's office will load "Bad Weather" leave accrual time into Kronos for the total

number of hours that County offices were officially closed. If County offices are closed for an entire day, bad weather leave accruals will be applied in the same amounts as holiday leave but will not carry over to the next fiscal year.

2. All essential personnel, as identified in the Workplace Safety and Security Policy, who do not work during a severe weather closing must contact their supervisors immediately upon the County's declaration of a severe weather closing.

~~2.~~3. If the leave event or emergency situation is prolonged beyond 7 days, the Commissioners' Court or department head may, at their discretion, place employees whose services are not required on unpaid leave (in which case the employee may use any accrued paid leave).

~~3~~4.~~.~~ So long as an office is open, its employees are expected to be there unless there are special circumstances, distinct from those affecting other employees that make their travel or attendance unsafe~~.~~. This includes instances when a school district where the employee resides may close or have a delayed start time due to weather conditions within their entire district. If an employee is delayed reporting to work for their regularly scheduled shift when County offices are open, the employee will need to use one of the following leave types to receive pay for this time: vacation, holiday, compensatory time, floating holiday or emergency leave (if applicable based on the definition of emergency leave). If an employee does not have one of these types of leave time available for use, they may be required to use leave without pay (LWOP) for this absence. ~~Whether an individual will be paid under these circumstances or must use some form of authorized paid leave, is left to the discretion of the department head.~~

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~~4.~~5. If an employee has vacation time or sick leave time scheduled and the County has declared bad weather time when all offices are closed, then during the same hours, an employee is allowed to enter bad weather time for those hours and reserve their vacation or sick leave time for those hours.

Emergency Operations Center (EOC) Activations When County Offices Are NOT Closed

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~~5.~~1. Upon activation of the EOC or declaration of local, state of federal disaster, Essential Personnel as defined by the Williamson County Workplace Safety and Security Policy, shall be paid or accrue leave as follows:

All Non-exempt Essential Personnel, not subject to the Guaranteed Fluctuating Hours Plan ("the plan"), may receive time and one half in lieu of comp time once they have exceeded 40 hours worked in a pay week.

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Non-exempt Essential Personnel subject to "the plan" may receive EP leave in the same amounts as holiday leave but will not carry over to the next fiscal year.

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~~All Essential Personnel may receive time and one half in lieu of comp time once they have exceeded 40 hours worked in a pay week.~~

Essential personnel who are exempt will be given EP (Essential Personnel) leave to be used at the discretion of the official or department head, as departmental budgets allow. EP leave will be paid

in the same amounts as holiday leave but will not carry over to the next fiscal year. In order to provide this EP leave, all hours must be tracked and documented for exempt staff and forwarded to the payroll department.

Emergency Leave

Any official or department head may grant paid emergency leave up to 2 days per fiscal year in addition to vacation or paid sick leave for all full time 40 hour per week employees. Emergency leave may be granted for only one of the following: funeral of relatives or close friend, an employees' auto accident, or emergency repairs of an employees' home or autos. A utility outage disrupting electrical service or water service to an employee's home does not qualify for emergency leave. Another form of paid leave should be taken for these absences. Emergency leave does not carry over from one year to the next and may not be "sold" or "bought". Emergency leave is not paid out upon termination or resignation from Williamson County. Emergency leave may not be converted to any other leave.

Time Off To Vote

Williamson County encourages its employees to participate in the political process by voting in federal, state and local elections. Due to the early voting opportunities afforded citizens, employees should usually not need time off work to vote. However, supervisors may approve time off in unusual circumstances. Verification of need to be off may be required by departments. Under state law, if the polls are open for two (2) consecutive hours outside of an employee's working hours, an employer is not required to release the employee from work in order to vote. Otherwise, employees may be allowed to leave work to vote. Their time off will be without pay or they may use appropriate accrued leave time or compensatory time.

Military Leave

The first 15 days of military leave in each fiscal year will be paid without "loss of time, vacation time or salary". All military leave after the first 15 days is considered "unpaid leave". Those individuals on military leave may choose to use vacation time accrued, compensatory time accrued, or holiday time accrued to compensate for a portion of this unpaid leave. Those individuals on guaranteed salary will be entitled to a full two weeks pay if they have worked any time during that particular pay period and are put on military leave simultaneously. The Uniformed Services Employment and Re-employment Rights Act (USERRA) grants up to five years of military leave. The Act requires an employer to reinstate a person to his/her previous position if military service has been satisfactory according to the guidelines listed below.

a. Service of 90 days or less-veteran must be re-employed in the position he/she would have held if he/she had continued in employment without interruption for military service.

b. Service of 91 days or more-veteran must be re-employed in the same position or in a position of like seniority, status and pay.

c. For service up to 30 days, veteran must report back to work on the next regularly scheduled day after completion of duty.

THI Grant Extension
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Jeanne Williby, Outreach
Submitted For: Annie Burwell
Department: Outreach
Agenda Category: Regular Agenda Items

Information

Agenda Item

Consider Approving the Agreement Extension Addendum with Texas Health Institute.

Background

Extension of current contract to September 30, 2011.
Annie Burwell received an email from Sherry Wilkie Conway of Texas Health Institute, on October 25, 2010 granting us an additional year in the contract.

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

Link: THI Contract Extension

Form Routing/Status

Form Started By: Jeanne Williby	Started On: 02/14/2011 03:36 PM
Final Approval Date: 02/15/2011	

AGREEMENT EXTENSION ADDENDUM

On July 25, 2007, Texas Health Institute ("THI") and the Williamson County Mental Health Task Force ("Provider") entered into an Agreement ("Original Contract") for the provision of services by Provider to THI under a Department of State Health Services ("DSHS") Texas Mental Health Transformation Initiative ("DSHS Contract) between DSHS and THI. The DSHS contract has been extended until September 30, 2011. As such, THI and Provider would like to extend the Original Contract until that date. All of the terms and conditions in the Original Contract shall remain in effect, except where superseded by this Agreement Extension Addendum. The areas which are superseded include the term, which shall extend from October 1, 2009 until September 30, 2011 ("Extension Term"), the total compensation for the Extension Term, which shall be fifty thousand dollars ($50,000) minus the amount reimbursed to date, and the deliverables for the Extension Term, which are listed below. This amount would be the $50,000, minus expenses submitted as of the date of this extension, that would be devoted to these particular objectives/strategies. The only prohibition about the use of these dollars is that these dollars must pertain to infrastructure; they should not be used to provide direct services. Documentation of these expenditures must be available for review at the local level, but do not need to be included with the invoice to the Texas Health Institute. This Agreement Extension Addendum and Attachment A, shall be fully incorporated into the Original Contract between the parties.

- Submit invoices along with General Ledger on a monthly basis. If you do not have on-going monthly expenses, at a minimum submit a quarterly invoice. If you do not have any expenses for the quarter, submit invoice that shows 0 dollars spent.

- Invoices must be submitted prior to the 25th of the month to be included in that month's billing. If submitted after the 25th, they will be submitted in the next month billing cycle.

- Report the status of objective/strategies using a Powerpoint template provided by DSHS at each quarterly meeting of the MHT Community Collaboratives.

- See attached Attachment A.

SIGNED:

TEXAS HEALTH INSTITUTE (THI)

By: Sherry Wilkie - Conway

Sherry Wilkie-Conway, COO

Date: 10/25/10

WILLIAMSON COUNTY MENTAL HEALTH TASK FORCE (PROVIDER)

By: _____

Date: _____

Mental Health Transformation Grant #5
Subcontract Form
October 2009

Objectives/Strategies	Timeline	Performance Measures	Budget	Local Contribution	Status
Technology and Data Collection A. Improve data collection and collaboration between emergency mental health providers	Monthly	Pay monthly user fees for Project Emerson Users	$7,200		
B. Improve data collection and collaboration between emergency mental health providers	Provide training to CIT officers by February 1, 2010 and monthly as needed and ER personnel by June 1, 2010	Training complete and officers using system on a regular basis	$0	Officer and training time	
C. Improve data collection and collaboration between mental health providers	Purchase hardware or equipment by July 1, 2010	Purchase mobile equipment for vehicles (laptop stands or printers)	$1,200	Installation	
D. Update and upgrade mental health website – WilcoMentalHealth.org	Monthly	Update and improve website on a monthly basis	$0	Williamson County IT Department personnel time, intern time	
E. Consolidate and Improve Data Collection	Hire by temporary employee by February 1, 2010	Hire Temporary employee to collect, analyze, and disseminate data as directed by Task Force Subcommittee	$9,000 – employee $1,000 report printing and copying	HR assistance, supervision time, guidance by MH Task Force Subcommittee	
Collaboration – continue and improve community stakeholder collaboration A. Continue Mental Health Task Force meetings and subcommittee meetings	Monthly	Monthly meeting with all stakeholders	$0	Personnel time, meeting space	

Training – to learn and promote promising practices and educate are professionals regarding policies and procedures related to emergency commitments A. For professionals	Host county conference for professionals by August 1, 2010	Conference for 150 participants -- or smaller workshops to for more participants throughout the year – subcommittee to determine by February 1, 2010	$8,000 - includes materials, room rental, food, travel reimbursement		
B. For consumers and professionals	Participate in training by August 1, 2010	Send up to four consumers and/or professionals to national or regional conferences devoted improving consumer voice initiatives and/or community collaboration At this time "Mental Health First Aid Training for the Trainer" and the National Council Conference are being considered	$10,600 – includes flights, hotels, training, food		
Consumer Voice – increase the number of consumers and family members involved in community collaborative	Hire temporary employee by June 1, 2010	Temporary employee will assist with Consumer Voice initiatives as directed by the Mental Health Task Force – including but not limited to consumer focus groups, peer to peer training sessions, and/or organizing consumer voice conference or workshop	$13,000	Office space, supplies, equipment	
Total			**$50,000**		

1 Microsoft Office Groove, soon to be named Microsoft Office SharePoint Workspace is a desktop application designed for document collaboration in teams with members who are regularly off-line or who do not share the same network security clearance. Groove's uses have included coordination between emergency relief agencies where different organizations do not share a common security infrastructure and where offline access is important, and amongst teams of knowledge workers, such as consultants who need to work securely on client sites. It is also used as a staging system for documents in development, where content can be worked up then transferred to a portal when complete.

2. CIT – Williamson County Crisis Intervention Team

3. MOT – Williamson County Mobile Outreach Team

4. BTMHMR – Bluebonnet Trails MHMR

Work Authorization for WCCF educational activities
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Gary Boyd, Parks
Submitted For: Gary Boyd
Department: Parks
Agenda Category: Regular Agenda Items

Information

Agenda Item

Consider for concurrence with Williamson County Conservation Foundation (WCCF) board on Work Authorization (WA) for edcuational activities under the Regional Habitat Conservation Plan (RHCP).

Background

Under the County's RHCP there is a commitment for certain educational and public awareness activities. The proposal from Sounthwestern University fulfills in part the requirements of Section 5.8.2 of the RHCP, "Increasing Public Awareness."As outlined in the Work Authorization, much of the work will be performed by a senior level student under the direction of Dr. Ben Pierce, Professor and holder of the Lillian Nelson Pratt Chair, Department of Biology, and Dr. Michael Kamen, Professor of Education, Southwestern University, and the accounting and employment work will be done under the auspices of the University.

Additional WAs under Section 5.8.2 will be presented to the WCCF board and the court.

For reference, Section 5.8.2 of the RHCP states:
"The RHCP will develop a public education/outreach program designed to educate Williamson County residents as to the value and appropriateness of conserving the RHCP covered species and additional rare species. Funding will start at $20,000 in Year 1 of the plan and, with a 2.5 percent increase in annual funding, reach a total expenditure of approximately $878,054 over 30 years. The products resulting from this effort will take a variety of forms including, but not limited to: 1) a 4–6 page brochure describing the approved RHCP; 2) PowerPoint presentations describing the approved RHCP for presentation to real estate interests and developers, community groups, and middle and high school students; and 3) a 10-minute video describing the approved RHCP. The brochure and PowerPoint presentations will be produced during the first year of the approved RHCP, and the video will be released in Year 3. Educational products for Years 4–30 are not known at this time; however, the County makes the commitment to spend at least $20,000 per year on relevant and Service-approved education and outreach products first year of the approved RHCP, and the video will be released in Year 3. Educational products for Years 4–30 are not known at this time; however, the County makes the commitment to spend at least $20,000 per year on relevant and

Service-approved education and outreach products."

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

Link: WA for RHCP - February 2011

Form Routing/Status

Form Started By: Gary Boyd
Started On: 02/16/2011 01:57 PM
Final Approval Date: 02/16/2011

Work Authorization for a Public Awareness and Education Program for the Williamson County Regional Habitat Conservation Plan

The Williamson County Regional Habitat Conservation Plan (RHCP) is a regional approach to conservation planning and management of endangered species within Williamson County, while allowing development to move forward in an orderly and efficient manner consistent with the protection of rare species. One of the goals of the RHCP is to increase public awareness of the appropriateness and value of conserving endangered and additional rare species within Williamson County. The RHCP specifies that the plan will develop a public awareness and education program that will include (1) creation of a 4-6 page brochure describing the RHCP; (2) development of PowerPoint presentations on the RHCP for real estate interests and developers, community groups, middle school students, and high school students; and (3) a 10-minute video describing the RHCP. This proposal outlines a project to produce and distribute the first of these required educational products: a 4-6 page brochure and three PowerPoint presentations appropriate for community and real estate groups, middle-school students, and high school students.

This project will be carried out by Ashley Wall, a junior biology major at Southwestern University. Her work will be supervised by Dr. Ben Pierce, Professor of Biology and Dr. Michael Kamen, Professor of Education, both at Southwestern University. Ashley will create four educational products: (1) An interactive PowerPoint presentation and associated materials on endangered species targeted toward middle and elementary school students; (2) an interactive PowerPoint and associated materials on endangered species and conservation targeted toward high school students; (3) a PowerPoint presentation on the Williamson County Regional Habitat Conservation Plan targeted towards real estate interests, developers, and community groups; and (4) a 4-6 page brochure on the Williamson County Regional Habitat Conservation Plan targeted towards real estate interests, developers, and community groups.

The PowerPoint presentations for elementary/middle and high school students will include information about the regional conservation plan and will focus on the endangered and threatened species covered in the plan. An interactive, hands-on component will engage students and encourage participation. A PowerPoint presentation and brochure will be created to inform land owners, developers, and community groups about the RHCP and the work of the Williamson County Conservation Foundation. These products will encourage stakeholder support by focusing on RHCP details and benefits.

Development of the educational products will involve a six-step process:

1. Collect information.
2. Contact and interact with curriculum specialists, teachers, landowners, developers, and other stakeholders.
3. Develop initial drafts of products.
4. Collect feedback on initial draft of products.
5. Develop final versions of products.
6. Disseminate and assess products.

Ashley will begin by collecting information on the endangered species in Williamson County, including their life history traits, habitats, and conservation. She will investigate the Williamson County RHCP and other regional conservation plans to provide further insight into the importance of conservation plans. She will investigate school curricula to align the scope of the information provided in the interactive PowerPoints with current courses and with the Texas Essential Knowledge and Skills (TEKS). During this time and before developing initial drafts of the products, she will contact and interact with educators in Williamson County school districts (including curriculum development specialists and teachers),

stakeholders with potential interest in the RHCP (including developers and land owners), and programs with which we might work (such as the Williamson County Museum). Collection of information and interaction with educators and stakeholders will take place February – May, 2011.

Based on the information gathered in the initial phase, Ashley will develop initial drafts of the products. This will take place during the summer of 2011. Dr. Michael Kamen, a nationally-recognized expert in environmental education, will serve as a consultant for the development of the interactive PowerPoint presentations and the brochure. We anticipate that an initial draft of each of the products will be finished by mid August 2011. These initial drafts will then be reviewed by members of the Board of the Williamson County Conservation Foundation, educators, developers, and community leaders, who will provide feedback on the effectiveness of the PowerPoints and the brochure and how they can be improved. Review of the products will take place in August and September, 2011. This review will provide suggestions and revisions for effective products. After receiving feedback, Ashley will revise the products and put them into final form. Revision of the products will occur during October, 2011. The final products will be disseminated to schools, developers, community groups, and other stakeholders during November – December 2011. A brief survey will be developed for each product to assess its effectiveness in educating and increasing public awareness about endangered species and the Williamson County RHCP. Results of this survey will be compiled and shared with the Williamson County Conservation Foundation.

Bar Coding Project – During the spring of 2011, Ashley will meet with Williamson County technology personnel and Parks and Recreation Department personnel to begin planning a project that will incorporate smart phone technology and bar code readers to provide interactive information for park users. On the basis of initial discussions and planning, she will begin compiling information in the fall of 2011 about endangered species, common species, habitats, and other information of interest for use in a project. The information will be provided it in a format that can be incorporated into an interactive web site. Ashley will continue work on this project in the spring of 2012. Specific deliverables for this project will depend on the outlines of the project that emerge from planning initiated in the spring of 2011.

Timeline –

February-April 2011: Collect information; contact and meet with educators, stakeholders, and appropriate programs.
May-August 2011: Develop initial draft of products.
September 2011: Review products; bar coding project.
October 2011: Revise products; bar coding project.
November-December 2011: Disseminate and assess projects; bar coding project
January-April 2012: Finish bar coding project

Administration of Project - The project will be administered by Southwestern University. Dr. Ben Pierce, Professor of Biology, will serve as Ashley's supervisor and will provide oversight for the project. Dr. Michael Kamen, Professor of Education, will serve as an environmental education consultant, providing ideas and pedagogical context for the PowerPoints for students, as well as contacts with teachers and curriculum specialists. Ashley will work on the project 5 hours per week during the spring and fall semesters in 2011 and for 80 hours during the summer of 2011.

Proposed Budget

Item	Explanation	Cost
Ashley Wall, wages during spring semester, 2011	Feb-May, 2011, 5 hrs/wk x 15 wks x $10/hr	$ 750.00
Ashley Wall, wages during summer, 2011	June-July, 2011, 80 hrs x $10/hr	$ 800.00
Fringe benefits on student wages during summer	7.65% of hourly wages	$ 61.20
Ashley Wall, wages during fall semester, 2011	Sept-Dec, 2011, 5hrs/wk x 17 wks x $10/hr	$ 850.00
Ashley Wall, wages during spring semester, 2011	Jan-April, 2012, 5 hrs/wk x 15 wks x $10/hr	$ 750.00
Mileage	200 miles x $0.51/mile	$ 102.00
Supplies	manipulatives, office supplies, CDs, etc	$ 500.00
Dr. Michael Kamen, environmental education consultant, wages	Environmental education consultant, Dr. Michael Kamen, $76/hr x 10 hrs	$ 760.00
Fringe benefits on faculty wages	23% of hourly wages	$ 174.80
Dr. Ben Pierce, scientific personnel and project administrator	$76/hr x 10 hrs	$ 760.00
Fringe Benefits on faculty wages	23% of hourly wages	$ 174.80
Total Direct Costs		$ 5682.80
Southwestern University administrative fee	10% of direct costs	$ 568.28
Total direct and indirect costs		$ 6,251.08

This Work Authorization is hereby accepted and acknowledged below.

For Southwestern University:

By:_____
Signature

_____
Printed Name

_____
Title

_____
Date

Williamson County Conservation Foundation:

By:_____
Signature

_____
Printed Name

_____
Title

_____
Date

letter to EPA re: implementation standards
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Gary Boyd, Parks
Submitted For: Gary Boyd
Department: Parks
Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss and take appropriate action on a letter to the Environmental Protection Agency (EPA) concurring with proposal from the Clean Air Coalition (CAC) on implementation under ozone standards.

Background

The EPA has not finally determined, under a review of the 2008 National Ambient Air Quality Standards (NAAQS), nor announced new standards for calculating ground level ozone. EPA's own failure to meet original announced deadlines has created a situation where comments on implentation of new standards are nearly being required before any announcement on the standards themselves. EPA is scheduled to announce new standards in March. In its regualrly scheduled meeting on February 9 the Clean Air Coalition of Central Texas (CAC) passed a proposal addressing implementation standards.

The short version is that EPA has the authority to implement standards under one of two Subparts of the Clean Air Act, either Part 1 or Part 2. Part 1 provides for greater flexibility to local governments and planning agencies in meeting whatever new standards are set.

This letter is to support the proposal of the CAC.

Attachments to this agenda item include the draft letter, authorities under the Subpart from the Federal Register and a discussion of the Subpart 1 advantages prepared by Capital Area Council of Governments Air Quality staff.

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

Link: CAPCOP discussion
Link: Fed Reg Subpart ! & 2
Link: ltr to EPA on implentation standards

Form Routing/Status

Form Started By: Gary Boyd Started On: 02/17/2011 08:36 AM

Final Approval Date: 02/17/2011

Ozone Implementation Issues

[JURISDICTION] requests that the EPA implement the ozone standards proposed on January 19, 2010, under title I, part D, subpart 1 of the Clean Air Act, rather than under subpart 2, for all areas with ozone design values of 0.09 parts per million or less. This action would stand on firm legal ground, would be consistent with EPA's previous positions on ozone implementation, and would provide for more expeditious and efficient attainment of the ozone standards than implementing the standards under subpart 2 for these areas.

In an op-ed published in the *Wall Street Journal* on January 18, 2011, President Obama announced a government-wide review of existing federal regulations, writing that, "we are seeking more affordable, less intrusive means to achieve the same ends—giving careful consideration to benefits and costs." Implementation of the proposed ozone standards under the more general requirements for nonattainment areas under subpart 1 would be exactly the kind of more affordable, less intrusive means to achieve the same ends that President Obama was referring to.

EPA initially decided to implement the 1997 eight-hour ozone standard exclusively under subpart 1 for all eight-hour ozone nonattainment areas. In 2001, the Supreme Court ruled in *Whitman v. American Trucking Associations* that EPA's implementation rule was an unreasonable interpretation of the Clean Air Act because it made Subpart 2 "abruptly obsolete" and would have "rendered Subpart 2's carefully designed restrictions on EPA discretion utterly nugatory." However, the court did not rule that the EPA could never implement an ozone standard exclusively under subpart 1 for any ozone nonattainment area. Instead, it acknowledged that there were several aspects of subpart 2 that could be poorly suited to implementation of a revised ozone standard, and specifically identified the following gaps: approximating the ozone thresholds for subpart 2 classifications from the Clean Air Act for a new standard, implementing the new standard for areas that were measuring lower ozone levels than what was considered unhealthy at the time of the 1990 Clean Air Amendments' passage, and the attainment dates for nonattainment areas. Based on these gaps, the Court found the following:

> *These gaps in Subpart 2's scheme prevent us from concluding that Congress clearly intended Subpart 2 to be the exclusive, permanent means of enforcing a revised ozone standard in nonattainment areas. The statute is in our view ambiguous concerning the manner in which Subpart 1 and Subpart 2 interact with regard to revised ozone standards, and we would defer to the EPA's reasonable resolution of that ambiguity.*

The Supreme Court found, however, that the EPA's interpretation that it could implement a new ozone standard under subpart 1 exclusively for areas that were exceeding the approximation of the old one-hour standard in effect at the time the 1990 Amendments passed was not reasonable. The ruling implicitly upheld EPA's interpretation that the Clean Air Act permitted implementation of an eight-hour ozone standard under subpart 1 only for nonattainment areas with ozone below the approximation of the old one-hour standard.

In response to the Court's ruling, the EPA proposed a revised implementation rule on June 2, 2003 (68 FR 32802). This proposal included two options for implementing the 1997 eight-hour ozone NAAQS: using subpart 2 for all nonattainment areas (Option 1); and using subpart 1 for all eight-hour ozone nonattainment areas except those that had one-hour ozone design values that would have made it an

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ozone nonattainment area following the passage of the 1990 Clean Air Act Amendments, which would be subject to subpart 2 (Option 2).

EPA finalized the first phase of the implementation rule in April 30, 2004, settling on Option 2 (subpart 1 for most areas, subpart 2 for areas with one-hour ozone levels exceeding the levels identified by Congress as non-attaining in 1990) (69 FR 23951). The reasoning EPA provided for choosing this Option was that, **"where Congress has not explicitly mandated that areas are subject to subpart 2, we don't believe it makes sense to adopt an approach that would shift some or all of those 'gap' areas to subpart 2, which provides significantly less flexibility for bringing areas affected by transported pollution into attainment" (69 Federal Register 23958)**.

We agree with the EPA's reasoning that subpart 1 ought to be used to implement an ozone NAAQS unless Congress explicitly mandated otherwise, and are requesting that EPA apply this same reasoning to implementing the revised ozone standards proposed in January 2010. We agree with EPA's explanation for why subpart 1 is a more effective and less costly option for attaining the NAAQS. The following statement by EPA on the advantages of subpart 1 implementation helps illustrate this point:

> *An area might be able to achieve greater air quality improvement at less cost from local NO_X reductions than from local volatile organic compounds (VOC) reductions of 15 percent mandated for certain subpart 2 areas.* ***This will enable some areas to meet the 8-Hour NAAQS at less cost than under the other classification options****…Subpart 2 does not allow EPA and the States to consider transported pollution in determining the feasibility and benefits of mandated controls or in determining the appropriate attainment date for the area" (69* FR *23958).*

As an area that is heavily influenced by transported pollution (based on monitoring data from high ozone days, sources within our five-county metropolitan statistical area are responsible for only about 10-15 percent of the ozone we measure—see the 2010 conceptual model for the area prepared by the University of Texas) and where modeling shows NO_X emissions to have a greater effect on ozone than VOC emissions, we are particularly interested in ensuring that our area does not get subject to an implementation rule that would subject us to the rigid requirements of subpart 2 that would not allow EPA or the state to consider those factors. Other mandatory control requirements under subpart 2, such as mandatory inspection and maintenance programs, stage II vapor recovery programs, clean fuel fleet programs, reasonably available control technology requirements for sources covered by control technique guidelines, and specific tiered new source review offset requirements also may be unnecessary requirements for attaining the NAAQS for areas like Austin.

Under several of the subpart 2 classification scenarios identified by EPA in a stakeholder presentation distributed in April 2010, the Austin area would be classified as a marginal area based on our 2010 ozone design value. We are concerned about the prospect of this because we share the concerns EPA expressed in the April 30, 2004, implementation rule that "the practical effect of placing many areas that cannot attain by 2007 [the 3-year attainment deadline] into the marginal classification would be to delay development of plans for improving air quality to meet the 8-hour standard. This would be inconsistent with Congress's intent, reflected in the requirements of the Act, that areas attain air quality standards as expeditiously as practicable" (69 FR 23963). Another consequence of a marginal classification would be to delay the adoption of a motor vehicle emissions budget for several years, which would make transportation planning considerably more difficult. Under the Clean Air Act, the EPA is prohibited from requiring marginal areas to submit attainment demonstrations or contingency

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measures. The option to "bump up" from marginal to moderate therefore give states a very difficult choice: bump up to moderate and subject an area to many additional requirements that may have little or no effect on reducing ozone or remain marginal and risk missing the attainment deadline with no plan and no contingency measures in place. We understand that one of EPA's chief concerns in crafting an implementation rule is to avoid setting up areas classified as marginal for failure like this, and we agree with the EPA's analysis in 2004 that subpart 1 provides a good way to avoid such a situation.

In response to the EPA's 2004 rule, several parties sued the EPA over this and other aspects of the rule. In the *South Coast Air Quality Management District v. EPA* decision in 2006, the DC Circuit Court of Appeals ruled stated that, "the 2004 Rule violates the [Clean Air] Act insofar as it subjects areas with eight-hour ozone in excess of 0.09 ppm to Subpart 1" (page 895). The 0.09 ppm level comes from previous EPA rulemaking language, stating that 0.09 ppm "generally represent[ed] the continuation of the [old] level of protection" (62 FR 38858). The Court did not say that the EPA was prohibited from relying exclusively on subpart 1 for any areas that were at or below 0.09 ppm, and in fact, explicitly stated that the Supreme Court's decision in *Whitman* "forecloses" that contention (page 893).

In January 2009, EPA responded to the *South Coast* decision by proposing to change all areas designated nonattainment under subpart 1 to nonattainment areas under subpart 2 (74 FR 2936), this proposal also contained additional language indicating that the EPA took this action for expediency's sake, not because it felt the Court's decision compelled it to. The EPA stated that "we considered the possibility of proposing to place areas with design values below 0.09 ppm 8-hour design value under subpart 1, but are not proposing this option in the interest of not further delaying implementation of the 8-hour NAAQS that was established 10 years ago." It also explicitly contended in a footnote that, "As the court made clear in its decision on rehearing, the CAA does not mandate coverage under subpart 2 of all areas designated nonattainment for an ozone NAAQS. As EPA moves forward to develop an implementation strategy for the new 2007 ozone NAAQS, we will consider whether subpart 1 alone might apply in some areas for purposes of implementing that NAAQS" (74 FR 2939).

The *South Coast* Court did rule that, "EPA's interpretation of the Act in a manner to maximize its own discretion is unreasonable because of the clear intent of Congress in enacting the 1990 Amendments was to the contrary" (page 895). We understand that EPA may be concerned that despite its contention to the contrary in the January 2009 proposed rulemaking, it may now be worried that the South Coast decision does not provide clear enough legal grounds to use subpart 2 to implement because of statements such as, "even assuming (without deciding) for purposes of this appeal that the 2004 Rule would be a reasonable approach to reducing air pollution, it is not a reasonable interpretation of Congress's approach in the 1990 Amendments," and "to the extent EPA's rationale rests on the claims that technology has advanced since 1990, Congress considered this possibility by providing for periodic review of each NAAQS…There are no comparable provisions that Subpart 2 requirements may be stripped away if EPA becomes convinced that it may achieve attainment more efficiently." Despite these statements, it is important for EPA to keep in mind the following points:

1. The South Coast Court's ruling that "EPA's interpretation of the Act in manner to maximize its own discretion is unreasonable" was specifically tied to its ruling that "the 2004 Rule violates the Act **insofar** as it subjects areas with eight-hour ozone in excess of 0.09 ppm to Subpart 1" (page 895).
2. The South Coast Court explicitly expressed its interpretation of the Whitman ruling as allowing EPA to implement an eight-hour ozone standard under subpart 1 (page 893).
3. In its ruling on a rehearing petition on June 8, 2007, the Court clarified that "this court concluded that EPA had **misconstrued the extent of the gaps to exercise its interpretive discretion more broadly than the Supreme Court had authorized**," which should make it clear that its ruling on

EPA's unreasonable interpretation of the Clean Air Act related its application of subpart 1 to areas with eight-hour ozone levels in excess of 0.09 ppm, not to its application of subpart 1 to legitimate "gap" areas.

4. The Court further clarified that "The court merely recognized that under Chevron agency action that does not constitute a reasonable interpretation of the statue must be vacated. Because Congress sought to reduce EPA discretion by enacting Subpart 2 as part of the 1990 amendments to the CAA, **EPA could not reasonably rely upon its preference for regulatory flexibility** in setting the boundary between Subpart 1 and Subpart 2. EPA's claim that the court nullified the discretion recognized by the Supreme Court " The court did not rule that the EPA did not have the discretion to set the boundary between subpart 1 and subpart 2, just that it had to be based on a reasonable interpretation of the statute.

5. A reasonable interpretation of the statute that would allow for subpart 1 implementation could rely on the stated purposes of title I:

   - to protect and enhance the quality of the Nation's air resources so as to as to promote the public health and welfare and the productive capacity of its population (§101(b)(1))
   - to encourage and assist the development and operation of regional air pollution prevention and control programs (§101(b)(4))

   Relying on the features of subpart 1 that would enable more expeditious attainment of an ozone NAAQS (such as eliminating the marginal classification and reducing attainment deadlines for areas that would otherwise be classified as severe or higher) and that would facilitate a regional approach to pollution prevention (such as the ability to classify areas and adjust attainment deadlines to take pollution transport into account) would avoid running afoul of the restrictions imposed by the *South Coast* court.

In summary, we agree with EPA's previously stated position that subpart 1 is a more effective and less costly way of ensuring expeditious attainment of an eight-hour ozone NAAQS than subpart 2. We also agree with EPA that it should not subject areas to subpart 2 unless Congress explicitly requires it (as that has been interpreted by the courts). Finally, we agree that the Clean Air Act does not mandate coverage under subpart 2 of all areas designated nonattainment for an ozone NAAQS. Therefore, we request that EPA use subpart 1 to implement the new standard for all areas with ozone design values of 0.09 ppm and less, in accordance with the restriction imposed by the *South Coast* decision.

Given the court cases and EPA's existing statements on this issue, many of which we have referenced here, for EPA to implement the proposed ozone standards under subpart 2 for areas with ozone design values of 0.09 ppm or less would be arbitrary and capricious. We understand why EPA might think that using subpart 2 might ensure that it doesn't run contrary to the *South Coast* decision. However, given the discretion that both that court and the Supreme Court have confirmed that EPA has in this situation, and EPA's stated concerns with subpart 2 implementation for areas that Congress has not explicitly required it to be used, it seems unlikely that deciding now to rely exclusively on subpart 2 implementation for all nonattainment areas regardless of whether it will be more effective or is required for these areas is an unreasonable interpretation of the Clean Air Act and the relevant Court cases. Since the Courts have clearly stated that there is ambiguity in the statute for areas with eight-hour ozone levels of 0.09 ppm and below, the EPA would face the burden of demonstrating why subpart 2 is a superior means of expeditiously attaining the NAAQS for areas where it has the discretion to use subpart 1. It is inconceivable that a decision by EPA to rely exclusively on subpart 2 would not prompt litigation on exactly this issue. The EPA has a far clearer legal and policy basis for using subpart 1 to implement the proposed ozone standards under subpart 1 than under subpart 2 for areas that the Courts have not ruled that EPA is use subpart 2.

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Summary Benefits of Subpart 1 Implementation

There are numerous benefits for EPA's implementation of the new ozone standards under Subpart 1, rather than Subpart 2, including:

- **Subpart 1 would enable synchronized attainment deadlines for areas throughout a state that could be adjusted to account for availability of control measures and the regional nature of ozone pollution, rather than the system of classifications and attainment deadlines under Subpart 2 that doesn't allow for consideration of ozone transport**,
- Subpart 1 would eliminate 15-year, 17-year, and 20-year attainment deadlines for areas that would otherwise be classified as Severe or Extreme,
- While some areas that might otherwise be classified as marginal, moderate, or serious under subpart 2 and would have no more than 3, 6, and 9 years to attain the standard might now be eligible for up to 10 years to attain, all areas would still have to attain as expeditiously as practicable under subpart 1, which is also true for areas subject to subpart 2, and given what we know about ozone transport, those areas might not have been able to attain within those time frames anyhow without getting "bumped up." And **since areas that would be classified as severe and extreme under subpart 2 would need to attain in no more than 10 years, subpart 1 implementation would accelerate attainment for those areas and all of the areas they might be affecting.**
- Subpart 1's possibility of synchronized attainment deadlines will significantly reduce the amount of time and resources needed for technical preparation for attainment demonstrations, since states could model a single base year and single future year for all areas, rather than four or five different future years, and additional years of emissions estimates for RFP milestones,
- Subpart 1 allows many more areas get the full emission reduction benefits of the transport SIPs that are due three years after the new ozone standards are finalized and the full benefits of federal engine standards and fleet turnover that will occur over the years following finalization of the standards,
- Because of the possibility of ten-year attainment deadlines, **subpart 1 enables consideration of the co-benefits of longer-term measures such as transportation planning, land use planning, and energy efficiency, that will both reduce ozone and have many other social and environmental benefits, but which would not be able to implemented in only three or six years if an area was classified as marginal or moderate under subpart 2**,
- Subpart 1 contains less prescriptive requirements for control measures, which will enable states more flexibility in designing control strategies that are appropriate for their jurisdictions and enable them to optimize their planning and enforcement staff resources and financial resources to focus on the rules and strategies that will have the most impact on local ozone levels,
- Subpart 1 reasonable further progress requirements that are tied to the emission reductions needed for the attainment demonstration, rather than the very blunt requirements for a 15% reduction in local VOC emissions and 3% per year reduction in local NO_X or VOC afterwards under Subpart 2, neither of which may be necessary to attain the NAAQS,
- Subpart 1 reasonable further progress requirements do not need to make adjustments for pre-1990 controls as does subpart 2 (which, twenty years later, has become a substantively meaningless, but administratively burdensome requirement)

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- **Subpart 1 would require attainment demonstrations and contingency measures for all nonattainment areas, unlike Subpart 2**, which would exempt areas classified as Marginal from these requirements and any local control measures other than new source review permitting,
- Subpart 1 would entail earlier adoption of a Motor Vehicle Emissions Budget for areas classified as Marginal than would be possible under Subpart 2, which will help Metropolitan Planning Organizations conduct thoughtful transportation planning,
- Offset requirements under Subpart 1 just require that new or modified sources offset their emissions by more than 1:1, without setting specific offset ratios of 1.1:1 up to 1.5:1 under Subpart 2-since local ozone may be mainly a problem of pollution transport, this avoids over-regulating local sources without any clear benefit for local ozone levels,
- Subpart 1 has higher mandatory major source threshold of 100 tons per year than the 50 tons per year, 25 tons per year, and 10 tons per year for areas that would be classified as serious, severe, or extreme under Subpart 2, which enables states the ability to focus most of its resources on those sources contributing the most to local ozone pollution,
- Subpart 1 does not include specific mandatory control measures like Stage II Vapor Recovery or Clean Fuel Fleet, which may have been appropriate for reducing peak ozone levels in urban areas in 1990 but have become obsolete because of technology and are ineffective at reducing regional ozone levels, or for expensive mandatory inspection and maintenance programs that would provide very few emission reductions in some areas,
- Subpart 1 does not contain specific requirements for RACT rules for every source covered by a Control Technique Guideline, which can require lots of staff resources at state agencies with little to no benefit on local ozone levels, and
- Since Subpart 1 does not contain all of the same onerous provisions for each county in a nonattainment area (RFP requirements, mandatory control measures that may have no local ozone benefit, specific new source review offsets), states might be encouraged to look more at the regional pollution problems and make designation recommendations that are more precautionary than they would under subpart 2, where most states seek to keep the nonattainment area as small as possible.

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Appendix A

Comparison of Subpart 1 & 2 Requirements

This is only an outline of the general requirements of subparts 1 and 2 and should not be relied on for regulatory purposes.

Element	Subpart 1	Subpart 2	
		Classification	Requirement
Attainment Dates: For all areas, attainment should occur as expeditiously as practicable, but no later than specified timeframe.	Up to 5 years after nonattainment designation; may extend up to 10 years based on specified considerations.	Marginal	3 years from CAA Amendments enactment.
		Moderate	6 years from CAA Amendments enactment.
		Serious	9 years from CAA Amendments enactment.
		Severe-15	15 years from CAA Amendments enactment.
		Severe-17	17 years from CAA Amendments enactment.
		Extreme	20 years from CAA Amendments enactment.
RFP	"Annual incremental emissions reductions".	Marginal	None.
		Moderate	15% VOC reduction from baseline within 6 years of enactment.
		Serious	Moderate req't plus 9% VOC/NO_x reductions for years 7–9 after CAA Amendments enactment.
		Severe-15	Serious req't plus 9% VOC/NO_x for years 9–15 after CAA Amendments enactment.
		Severe-17	Serious req't plus 9% VOC/NO_x for years 9–17 after CAA Amendments enactment.
		Extreme	Severe req't plus 9% VOC/NO_x for years 9–20 after CAAA enactment.
Milestone Compliance Determination.	Not required as such; contingency measures supposed to be implemented upon failure to meet RFP.	Marginal/moderate	No further requirement.
		Serious & above	Requires milestone compliance demonstration to be made following milestone; failing area must elect one of the following: 1. bump-up. 2. implement contingency measures. 3. economic incentive.
Attainment demonstration submission.	EPA sets date which can be no later than 3 years after designation.	Marginal	None.
		Moderate	Due 3 years after CAA Amendments enactment.
		Serious	Due 4 years from CAA Amendments enactment.
		Severe	Due 4 years from CAA Amendments enactment.
		Extreme	Due 4 years from CAA Amendments enactment.
NSR and RACT major source applicability.	100 TPY	Marginal	100 TPY
		Moderate	100 TPY
		Serious	50 TPY
		Severe	25 TPY
		Extreme	10 TPY
NSR offsets	>1 to 1	Marginal	1.1 to 1
		Moderate	1.15 to 1
		Serious	1.2 to 1
		Severe	1.3 to 1
		Extreme	1.5 to 1

Element	Subpart 1	Subpart 2	
		Classification	Requirement
NSR permits	Permits required	All	Construction permits for new or modified major stationary sources pre-1990 permit program corrections.
Bump-up to higher classification	NA	All except severe & extreme	Required to bump-up to higher classification if area doesn't meet attainment date.
NO_X control for RACT	No specificity	Moderate & above; all areas in OTC.	Requirements under this subpart for major stationary VOC sources (NSR & RACT) also apply to all major NO_X sources, unless EPA approves NO_X waiver.
NO_X control for NSR	No specificity	Marginal & above.	
Emission inventory	Required in nonattainment area; no express requirement for updates or emission statements.	All	Comprehensive emissions inventory within 2 years of enactment; update every 3 years (until area attains). Provision for submission to State of annual emissions statements from VOC and NO_X stationary sources.
RACM/RACT	General requirement for RACM including RACT.	Marginal & above	Pre-1990 RACT fix-up.
		Moderate & above	RACT for all CTG sources and all other major sources.
I/M	Nothing specified	Marginal	Pre-1990 corrections to previously required I&M programs immediately upon CAA Amendments enactment.
		Moderate	Basic I&M.
		Serious & above	Enhanced I&M within 2 years of CAA Amendments enactment.
Conformity (transportation and general).	Required	All	No additional specificity.
Stage II vapor recovery (VOC)	Not specified	Moderate & above	Stage II for gas stations within 2 years.
Consequences of failure to attain	EPA to specify additional requirements; up to 10 more years to attain.	Marginal, moderate and serious	Bump-up for failure to attain.
		Severe and extreme	Fee system; continued ROP; possible stricter NSR major source cut-offs.
Maintenance	Requirement for maintenance plans for areas redesignated from nonattainment to attainment.	All	No additional specificity.
Contingency measures	Required for failure to make RFP or attainment.	All	Required for failure to meet ROP milestones or attain.
Enhanced (ambient) monitoring (PAMS).	Not specified	Marginal and moderate	Not specified.
		Serious & above	Ambient ozone precursor monitoring (VOC and NO_X).
VMT demonstration and transportation control measures (TCMs) if needed.	Not specified	Marginal and moderate	Not specified.
		Serious & above	Demonstration of whether current aggregate vehicle mileage, emissions, congestion levels are consistent with attainment demo.
Clean fuels program	Not specified	Marginal and moderate	Not specified.
		Serious & above	Certain percentage of fleet vehicles for 1998 and higher to be clean vehicles and use alternative fuels (if needed).

Element	Subpart 1	Subpart 2	
		Classification	Requirement
Reformulated Gasoline required under section 211(k)(10)(D), which requires the use of reformulated gasoline in 9 covered areas, and areas that are bumped-up to Severe under section 181(d)).	Not specified	Marginal, moderate & serious	Not specified.
		Severe & above	Prohibition of sale of gas that has not been reformulated to be less polluting.
TCMs to offset growth in VMT emissions.	Not specified	Marginal, moderate & serious	Not specified.
		Severe & above	Enforceable transportation control strategies and TCMs to offset any emissions growth due to VMT growth.
Clean Fuels for Boilers	Not specified	Marginal, moderate, serious & severe.	Not specified.
		Extreme areas	Use of clean fuels or advanced technology for certain boilers that emit more than 25 TPY of NO_X.
TCMs during heavy traffic hours	Not specified	Marginal, moderate, serious & severe.	Not specified.
		Extreme areas	Option to have TCMs during periods of heavy traffic that reduce use of high polluting or heavy-duty vehicles.
New Technologies	Not specified	Marginal, moderate, serious & severe.	Not specified.
		Extreme areas	New or future technologies for emissions reductions.

Appendix B.—"Applicable Requirements" Under Subpart 2

Element	Classification	Requirement
RFP	Moderate	15% VOC reduction from baseline within 6 years of enactment.
	Serious	Moderate req't plus 9% VOC/NO_X reductions for years 7–9 after CAA Amendments enactment.
	Severe-15	Serious req't plus 9% VOC/NO_X for years 9–15 after CAA Amendments enactment.
	Severe-17	Serious req't plus 9% VOC/NO_X for years 9–17 after CAA Amendments enactment.
	Extreme	Severe req't plus 9% VOC/NO_X for years 9–20 after CAA Amendments enactment.
Milestone Compliance Determination	Serious & above	Requires milestone compliance demonstration to be made following milestone; failing area must elect one of the following: 1. bump-up. 2. implement contingency measures. 3. economic incentive.
NSR and RACT major source applicability	Marginal	100 TPY
	Moderate	100 TPY
	Serious	50 TPY
	Severe	25 TPY
	Extreme	10 TPY
NSR offsets	Marginal	1.1 to 1
	Moderate	1.15 to 1
	Serious	1.2 to 1
	Severe	1.3 to 1
	Extreme	1.5 to 1
NSR permits	All	Construction permits for new or modified major stationary sources pre-1990 permit program corrections.
NO_X control for RACT	Moderate & above; all areas in OTC	Requirements under this subpart for major stationary VOC sources (NSR & RACT) also apply to all major NO_X sources, unless EPA approves NO_X waiver.

APPENDIX B.—"APPLICABLE REQUIREMENTS" UNDER SUBPART 2—Continued

Element	Classification	Requirement
NO_X control for NSR	Marginal & above	
RACM/RACT	Marginal & above	Pre-1990 RACT fix-up.
	Moderate & above	RACT for all CTG sources and all other major sources.
I/M	Marginal	Pre-1990 corrections to previously required I&M programs immediately upon CAA Amendments enactment.
	Moderate	Basic I&M.
	Serious & above	Enhanced I&M within 2 years of CAA Amendments enactment.
Stage II vapor recovery (VOC)	Moderate & above	Stage II for gas stations within 2 years.
Maintenance	All	No additional specificity.
Enhanced (ambient) monitoring (PAMS)	Serious & above	Ambient ozone precursor monitoring (VOC and NO_X).
VMT demonstration and transportation control measures (TCMs) if needed.	Serious & above	Demonstration of whether current aggregate vehicle mileage, emissions, congestion levels are consistent with attainment demo.
Clean fuels program	Serious & above	Certain percentage of fleet vehicles for 1998 and higher to be clean vehicles and use alternative fuels (if needed).
Reformulated Gasoline*	Severe & above	Prohibition of sale of gas that has not been reformulated to be less polluting.
TCMs to offset growth in VMT emissions	Marginal, moderate & serious	Not specified.
	Severe & above	Enforceable transportation control strategies and TCMs to offset any emissions growth due to VMT growth
Clean Fuels for Boilers	Extreme areas	Use of clean fuels or advanced technology for certain boilers that emit more than 25 TPY of NO_X.
TCMs during heavy traffic hours	Extreme areas	Option to have TCMs during periods of heavy traffic that reduce use of high polluting or heavy-duty vehicles.
New Technologies	Extreme areas	New or future technologies for emission reductions.

*Required under section 211(k)(10)(D), which requires the use of reformulated gasoline in 9 covered areas, and areas that are bumped-up to Severe under section 181(d).

APPENDIX C.—COMPARISON OF TRANSITIONAL NSR AND EARLY ACTION COMPACT PROGRAMS

Program elements	Transitional new source review (NSR)	8-hour Early action compact
Eligibility*	—Meet 1-hr standard	—Must have monitoring data meeting 1-hr standard.
	—Must be 8-hr nonattainment	—Must be designated attainment for 1-hr standard.
	—Must be covered under Subpart 1**	
Initiation Date	Submit attainment demonstration by designations date (4/15/04).	Signed compact by 12/31/02.
Other Dates	—All measures must be implemented by 12/31/05	—Submit progress reports every 6 months beginning 6/03.
	—Projected attainment of 8-hr standard by April 2007	—Describe planned measures by 6/16/03.
		—Submit local plan to State by 3/31/04.
		—Submit SIP to State by 12/31/04.
		—Implement all measures by 12/31/05.
		—Submit progress report to certify continued implementation & air quality improvements.
		—Area must attain 8-hr standard by 12/31/07.
Benefits	—BACT instead of LAER (cite NSR workshop manual)	—Deferred effective date of nonattainment designation.
	—No required emission offsets	—Implies no NSR or conformity.
		—Implementation of measures earlier than required by CAA (early reductions in emissions).
Consequences	If 2007 attainment date is missed, State must submit by April 2007 a Part D NSR plan, which meets requirements under sec. 51.165 (i.e., traditional nonattainment NSR).	—Nonattainment designation becomes effective soon after failure to meet milestone.
		—Nonattainment requirements must be met (NSR, conformity, RACT, etc) if missed milestone.

*Areas not eligible for Early Action Compact may still be eligible for transitional NSR.
**Areas in the Ozone Transport Region are not eligible for transitional NSR because they are not covered under Subpart 1 for purposes of NSR applicability.

APPENDIX D.—GLOSSARY OF TERMS AND ACRONYMS

ACT	Alternative control techniques

February 22, 2011

The Honorable Gina McCarthy

U.S Environmental Protection Agency

1200 Pennsylvania Avenue, NW

Room 5406, Mail Code 6101A

Washington, DC 20460

RE: Implementation of New Ozone Standards, Statement of Elected Officials of Williamson County, Texas

Dear Ms. McCarthy:

You have recently received a proposal from the from the Central Texas Clean Air Coalition (CAC) requesting that EPA consider implementing the proposed ozone standards under Title I, Part D, Subpart 1, of the Clean Air Act, rather than under Subpart 2, for most areas of the country.

Williamson County, Texas, just north of Austin, is an active participant in the Central Texas Clean Air Coalition (CAC). The CAC is an association of elected officials representing local governments in the five-county Austin-Round Rock-San Marcos metropolitan region of Central Texas, and is responsible for the development and implementation of the area's voluntary ozone control plan. Williamson County is presently designated as in attainment under current standards and Williamson County stands in agreement with the CAC and the other government entities regarding this proposal.

While standing with the other governmental entities on this proposal, the county would also restate its position regarding proposed ozone standards. In public hearings and in written response to proposed changes, Williamson County maintains the position that the current standards, as established as a part of the 2008 review, are appropriate.

The CAC's proposal is as follows: that the EPA implement any new ozone standards under

Subpart 2 primarily for areas the courts have required EPA to do so, namely, areas with eight-hour ozone design values exceeding 0.09 parts per million; for areas where the court has not required EPA to use subpart 2, it should strongly consider the use the subpart 1. The CAC believes that this will lead to more expeditious attainment of the NAAQS while being less costly and more equitable at the same time. We believe the courts have confirmed EPA's authority to implement the new ozone standards in this manner and EPA has stated as recently as January 20, 2009,that it believes that it has the authority to implement a revised eight-hour ozone standard in this manner (see 74 FR 2939). Comments provide in the CAC proposal letter detailed the legal basis and policy case for taking this action.

As stated in the CAC letter, the CAC believes that its proposal will lead to "more affordable, less intrusive means to achieve the same ends," as President Obama wrote in his *Wall Street Journal Op-Ed* on January 18, 2011. Williamson County joins in inviting the EPA to hold a public meeting in Austin on implementation rule issues prior to publishing its proposal, just as it held public meetings to solicit input prior to proposing the implementation rule for the 1997 eight-hour ozone standard. We share with EPA the commitment to protect public health while maintaining a vibrant economy, and look forward to your response on this important matter.

Best regards,

Dan A Gattis, Williamson County Judge

determination letter Ronald Reagan Blvd. Phase IV
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Gary Boyd, Parks
Submitted For: Gary Boyd
Department: Parks
Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss and take apprpriate action on Determination Letter for mitigation under the County's Habitat Conservation Plan (HCP) for Ronald Ragan Boulevard, Phase IV, from near intersection with SH 195 to near intersection with IH-35.

Background

A copy of the proposed Determination Letter is attached along with a support document for incorporating an in-kind contribution of the county offsetting the karst impact mitigation for this roadway project.

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

Link: determination letter RR IV

Link: NPV calculation for RR IV

Form Routing/Status

Form Started By: Gary Boyd Started On: 02/17/2011 09:38 AM

Final Approval Date: 02/17/2011

WILLIAMSON COUNTY CONSERVATION FOUNDATION

Board of Directors
As of April 14, 2010

Pct. 1 Commissioner
Lisa Birkman,
Board President
Williamson County, TX

Pct. 3 Commissioner
Valerie Covey
Board Vice President
Williamson County, TX

Ken Boyer, P.E.
Boyer and Associates
Round Rock, TX

Patty Eason
Council Member
City of Georgetown, TX

Tony Glace
Chasco Construction
Leander, Texas

Chuck Walker
Walker Texas Surveyors, Inc.
Cedar Park, TX

Larry Quick
Don Quick & Associates
Round Rock, TX

c/o Parks and Recreation
350 Discovery Blvd
Ste 207
Cedar Park, TX 78613

February 22, 2011

Also by fax to 512.445.7064 c/o Prime Strategies, Inc.

Williamson County Road Bond Program
c/o The Honorable Dan Gattis, County Judge
710 Main, Suite 101
Georgetown, TX 78626

Re: Ronald W. Reagan Boulevard, from south of the intersection of SH 195 and CR 239 approximately 6.6 miles eastward terminating at CR 237, just east of IH-35, application number 20110216.

Dear Judge Gattis:

The review of the referenced application has been completed in accordance with the Williamson County Regional Habitat Conservation Plan (RHCP). Based on the supporting documents provided, the Williamson County Conservation Foundation makes the following determination as to this application:

1. **The mitigation fee for the referenced property will be $154,796.00 (One Hundred Fifty-four thousand Seven hundred Ninety-six and no hundredths Dollars) including $42,296.00 in karst impacts and $112,500.00 covering 22.5 acres of Black-capped vireo habitat. This amount ("Participation Fee") will be reflected in Paragraph 2 of the Participation Agreement with adjustment as follows:**

   Land in lieu of karst mitigation – Williamson County has agreed to assume perpetual management of a 39.4 acre conservation easement ("DEED") that encompasses the named Coffin Cave. The current and future expenditures associated with the management agreement for Coffin Cave are projected to exceed the indicated mitigation fee for impacts to this feature (see attachment to this letter on projected expenses) Accordingly, the mitigation fees, subject to final closing on the DEED, are reduced by $42,296.00, representing the calculated impacts to karst and karst features. Mitigation following this adjustment will be $112,500.00 covering only impacts to Black-capped vireo habitat. Should final closure on the DEED not occur, mitigation will revert to the full amount.

2. **Please sign below and notify this office as soon as possible – by email scan to wccf@wilco.org or by fax to 512-260-4237 – of agreement to the mitigation terms.**

3. **Following acceptance by the Commissioner's Court funds will be appropriately transferred to the accounts of Williamson County Conservation Foundation.**

4. **Upon transfer of the Participation Fee and confirmation of closure on the DEED, the Agreement will be prepared and sent to you for signature. Please return a signed copy of the agreement to us. The cover documents for the Agreement will include instructions for filing in Williamson County official public records**

These actions will complete your participation in the RHCP for the referenced project/tract. When we receive confirmation of filing under number 4 above, this office will subsequently prepare and mail a participation certificate to you. Although the certificate is not an official document, it may be posted at the project/tract site as notification of participation in the Williamson County RHCP.

Should you have any questions about this letter, please contact WCCF.

Sincerely,

Gary D. Boyd
Environmental Program Coordinator
Williamson County Conservation Foundation

Attachments: **NPV analysis**

~~~~~~
Agreed as to both form and substance:

By: _____

Title: _____

Date: _____

Attachment to Determination Letter for Ronald Reagan Boulevard Phase IV (RR IV)

We can express the net present value of a series of cash flows in a single formula:

$$\mathrm{NPV} = \sum_{i} \frac{c(i)}{(1 + p/100)^i}$$

where $c(i)$ is the net cash flow at payment period i and $1/(1 + p/100)^i$ is the associated discounting factor.

Williamson County, through its Williamson County Conservation Foundation, has undertaken maintenance and monitoring of a 39.4 acre preserve area known as Coffin Cave. Expenses under this agreement are projected to offset the indicated mitigation fees for karst impacts.

The application for RR IV indicates the following mitigation fee calculations:

143.96 acres of ROW within the Karst Zone @ $100/acr	=	$14,396.00
.39 acre of ROW impact to Rattlesnake Inn Cave @ $10K/acre	=	3,900.00
2.4 acres of ROW impact to Coffin Cave @ $10K/acre	=	24,000.00
Total karst mitigation	=	$42,296.00

The indicated NPV for the stream of expenses under the maintenance and monitoring plan for Coffin Cave is calculated to be $112,596.76 under the following assumptions:

Monthly cost of monitoring (based on current contract with Texas Cave Conservancy)	=	$500.00
36 month biospeleological sampling and taxonomy review of Coffin Cave	=	3000.00

Assumed discount rate - 4.25% annual

There are 332 remaining monthly monitoring periods under the County's Regional Habitat and there will be 9 sampling periods during the remainder of the permit period.

resolution in support of LIRAP funding
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Gary Boyd, Parks
Submitted For: Gary Boyd
Department: Parks
Agenda Category: Regular Agenda Items

Information

Agenda Item

Consider and take appropriate action on a resolution regarding the Low Income Vehicle Repair, Retrofit and Accelerated Retirement Program and Local Initiative Projects.

Background

The Texas Legislature has proposed to completely eliminate the funding of LIRAP/LIP as one way to reduce the State's Fiscal Year 2012 – 2013 proposed budget. These programs are self-funded by every vehicle owner of Williamson County from an annual $2 user fee levied as part of each motor vehicle's emission inspection. Several other counties in Texas are also a part of this program. These funds have been appropriated to the TCEQ, held in the Clean Air Account, and since program inception has been distributed back to the counties from which they were collected for LIRAP/LIP. Williamson County voluntarily undertook a motor vehicle inspection/maintenance program with the understanding that these user fees would return to the county to financially assist low income vehicle owners faced with failing emission tests and to assist in efforts to positively address mobile source emissions (i.e., emissions from vehicles) to reduce ozone precursor chemicals.

Williamson County entered into an Early Action Compact (EAC) with 11 other local political jurisdictions to address this region's air pollution problems under the federal 8-hour National Ambient Air Quality Standard at the urging of the TCEQ and the U.S. Environmental Protection Agency. As part of the EAC, Travis and Williamson Counties committed to administer LIRAP. This program helps vehicle owners comply with vehicle emissions standards required by AirCheck Texas, the state-operated vehicle emissions testing program. The goal of the county program is to assist lower income vehicle owners in order to reduce ozone-forming pollutants created by on-road motor vehicles driving throughout the region. This program addresses the highest polluting vehicles and provides an incentive for vehicle owners to contribute to the regional air quality solution.

A report on county vehicle inspections for the 2010 calendar year is attached. There were 231,922 initial and 253,392 total emission tests in the county during 2010. A rough calculation of funds provided by county residents to fund LIRAP is $463,844.

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

Link: draft resolution on LIRAP

Link: Wilco inspection report for 2010

Form Routing/Status

Form Started By: Gary Boyd	Started On: 02/17/2011 09:47 AM

Final Approval Date: 02/17/2011

WILLIAMSON COUNTY RESOLUTION SUPPORTING APPROPRIATIONS FOR THE LOW-INCOME VEHICLE REPAIR, RETROFIT, AND ACCELERATED RETIREMENT PROGRAM AND LOCAL INITIATIVE PROJECTS INCLUDING EMISSIONS ENFORCEMENT PROGRAMS

WHEREAS, Williamson County entered into an Early Action Compact (EAC) with 11 other local political jurisdictions to address this region's air pollution problems relative to the U.S. Environmental Protection Agency's 8-hour National Ambient Air Quality Standards (NAAQS); and

WHEREAS, As part of the EAC, Williamson County committed to administer the Low Income Vehicle Repair, Retrofit, and Replacement Assistance Programs to improve air quality; and

WHEREAS, the EPA is anticipated to announce a new 8-hour ozone standard by July 31, 2011, which could be much more stringent than the 1997 8-hour ozone NAAQS and will require significant emissions reductions; and,

WHEREAS, automobiles and light duty trucks are major sources of ozone forming nitrogen oxide (NOx) emissions in Williamson County and approximately 10 percent of these vehicles cause a very large portion of the NOx emissions; and,

WHEREAS, during the 80th Legislative Session of the State of Texas, Senate Bill 12 expanded the Low-Income Vehicle Repair, Retrofit, and Accelerated Retirement Program and increased statewide funding for implementation of Local Initiative Projects (LIP) including emissions enforcement programs; and,

WHEREAS, LIRAP and LIP are self-funded programs through additional fees levied on each motor vehicle owner and included in vehicle emissions inspection costs in Williamson County; and,

WHEREAS, Williamson County created the Counterfeit Motor Vehicle Inspection Program (CMVIP) by utilizing LIP funds in an effort to improve the County's air quality; and,

WHEREAS, Williamson County has determined continuing LIRAP, LIP, and CMVIP will improve the overall quality of life and health of the citizens of Williamson County; and,

WHEREAS, LIRAP and LIP need to be fully funded to make the programs even more effective and productive in reducing mobile source emissions as Williamson County faces tougher ozone NAAQS.

NOW, THEREFORE, BE IT RESOLVED BY THE WILLIAMSON COUNTY COMMISSIONERS COURT, THAT:

Section 1. Williamson County urges the 82nd Texas Legislature to appropriate all available funding for LIRAP and LIP

Section 2. This resolution shall be in effect immediately upon its adoption.

Section 3. This resolution will be transmitted to the Texas Legislative Budget Board, the Texas House Committee on Appropriations, the Texas Senate Committee on Finance, and the legislative delegation of Williamson and Williamson Counties.

SIGNED AND ENTERED THIS _____ DAY OF FEBRUARY, 2011.

_____
Dan A. Gattis

_____
Lisa Birkman
COMMISSIONER, PRECINCT 1

_____
Cynthia Long
COMMISSIONER, PRECINCT 2

_____
Valerie Covey
COMMISSIONER, PRECINCT 3

_____
Ron Morrison
COMMISSIONER, PRECINCT 4

Main Report

Report Date: 02/16/2011 05:10:44 PM, Location=County: WILLIAMSON, Period=01/01/2010 To 12/31/2010, Test Sequence=All Tests, Vehicle Type=All Types, Model Year=All

DESCRIPTION	TOTAL TESTS	% TOTAL TESTS	INITIAL TESTS (IT)	% IT	IT FAIL	% IT FAIL	INITIAL RETESTS (IR)	% IR	IR FAIL	% IR FAIL	OTHER RETESTS (OR)	% OR	OR FAIL	% OR FAIL
OVERALL TESTS	253,392	100.0%	231,922	91.5%	20,416	8.8%	19,084	7.5%	2,046	10.7%	2,386	0.9%	660	27.7%
EMISSION TESTS	253,392	100.0%	231,922	91.5%	13,296	5.7%	19,084	7.5%	1,883	9.9%	2,386	0.9%	642	26.9%
OBDII	233,578	92.2%	215,103	92.1%	10,414	4.8%	16,581	7.1%	1,491	9.0%	1,894	0.8%	446	23.5%
TAILPIPE	19,814	7.8%	16,819	84.9%	1,244	7.4%	2,503	12.6%	343	13.7%	492	2.5%	192	39.0%
ASM	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
TSI	19,814	100.0%	16,819	84.9%	1,244	7.4%	2,503	12.6%	343	13.7%	492	2.5%	192	39.0%
GASCAP	253,392	100.0%	231,922	91.5%	1,968	0.8%	19,084	7.5%	67	0.4%	2,386	0.9%	14	0.6%
SAFETY TESTS	253,100	99.9%	231,674	91.5%	8,638	3.7%	19,060	7.5%	245	1.3%	2,366	0.9%	35	1.5%

Regional Park Headquarters project
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Patrick Strittmatter, Purchasing
Submitted For: Jim Rodgers
Department: Purchasing
Agenda Category: Regular Agenda Items

Information

Agenda Item

Consider authorizing advertising and setting date of March 29, 2011 at 1:30pm in the Purchasing Department to receive bids for the Regional Park Headquarters project, Bid # 11WC907.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

Link: Project Invitation for Bids
Link: Project Specifications
Link: Project Structural Diagrams
Link: Schedule of Bid Items
Link: Bid Item Descriptions

Form Routing/Status

Form Started By: Patrick Strittmatter	Started On: 02/14/2011 03:22 PM
Final Approval Date: 02/15/2011	

WILLIAMSON COUNTY
PURCHASING DEPARTMENT
301 SE INNER LOOP – SUITE 106
GEORGETOWN, TEXAS 78626

http://www.williamson-county.org/Purchasing

INVITATION FOR BIDS

REGIONAL PARK HEADQUARTERS

BID NUMBER: 11WC907

BIDS MUST BE RECEIVED ON OR BEFORE: March 29, 2011 – 1:30 PM

BIDS WILL BE PUBLICLY OPENED: March 29, 2011 – 1:30 PM

A NON-MANDATORY PRE-BID MEETING WILL BE HELD ON:
TUESDAY, MARCH 8, 2011 AT 1:30 PM
AT THE WILLIAMSON COUNTY REGIONAL PARK
3005 COUNTY ROAD 175, LEANDER, TEXAS 78641

Williamson County is soliciting sealed bids from vendors for the construction of a new regional park office building to be located at 3005 County Road 175 Leander, TX. The new office is to be a 2,930 square foot, single story, wood frame structure to house park administration functions. For additional information please review the separate documents, Park HQ Project Specifications and Park HQ Structural Diagrams.

BID SUBMISSION

DEADLINE: Bids must be received in the Williamson County Purchasing Department **at or before 1:30 PM on Tuesday, March 29, 2011. Bids will be publicly opened at 1:30 PM or soon thereafter** in the Williamson County Purchasing Dept., 301 SE Inner Loop-Suite 106, Georgetown, Texas.

METHODS: Sealed bids may be hand-delivered or mailed to the *Williamson County Purchasing Department, Attn: Jonathan Harris, Suite 106, Williamson County Inner Loop Annex, 301 SE Inner Loop, Georgetown, Texas 78626.*

LOCATION DIRECTIONS: **Please see page 9 of this document for a map and directions to the Williamson County Inner Loop Annex.**

FAX/EMAIL: Facsimile and electronic mail transmittals will not be accepted.

BID REQUIREMENTS

NON-MANDATORY PRE-BID MEETING: All vendors interested in submitting a bid are invited to attend the non-mandatory pre-bid meeting at **1:30 PM on Tuesday, March 8, 2011, Williamson County Regional Park, 3005 County Road 175, Leander, Texas 78641. The meeting point will be the traffic circle approximately 100 yards from the park entrance, near the flagpoles.**

QUADRUPLICATE: All bids must be submitted in quadruplicate (1 original complete bid set and 3 copies of the bid set). The bid sets should be marked "original" or "copy". A "bid set" consists of the COMPLETED AND SIGNED Bid Form and any other required documentation. **All copies must have the same attachments as the original.**

SEALED: All bids must be returned in a sealed envelope with the bid name, number, opening date and time clearly marked on the outside. **If an overnight delivery service is used**, the bid name, number, opening date

and time must be clearly marked on the outside of the delivery service envelope.

REFERENCES: Williamson County **requires bidder to supply with this bid, a list of at least three (3) references** where like services have been supplied by their firm. Include name of firm, address, telephone number and name of representative.

LEGIBLITY: Bids must be legible and of a quality that can be reproduced.

FORMS: All bids must be submitted on the forms provided in this bid document. Electronically generated bid forms will not be accepted.Changes to bid forms made by bidders may disqualify the bid. Bids cannot be altered or amended after submission deadline.

LATE BID: Bids received after the submission deadline will not be opened and will be considered void and unacceptable. Williamson County is not responsible for lateness of mail, courier service, etc.

RESPONSIBILITY: It is expected that a prospective bidder will be able to affirmatively demonstrate bidder's responsibility. A prospective bidder should be able to meet the following requirements:

a) have adequate financial resources, or the ability to obtain such resources as required;
b) be able to comply with the required or proposed delivery schedule;
c) have a satisfactory record of performance;
d) be otherwise qualified and eligible to receive an award.

Williamson County may request representation and other information sufficient to determine bidder's ability to meet these minimum standards listed above.

AWARD

THIRTY DAYS: Awards should be made approximately thirty (30) days after the bid opening date. Results may be obtained by contacting the Technical Contact.

REJECTION OR ACCEPTANCE: No more than one bid will be awarded for any item, single department or area. Bids may be rejected for some items, departments or areas, even though awards are made for others. The convenience of having a single source for similar items will be taken into consideration together with price in determining the lowest and best bid.

It is understood that the Commissioners Court of Williamson County, Texas, reserves the right to accept or reject any and/or all bids for any or all materials and/or services covered in this bid request, and to waive informalities or defects in the bid or to accept such bid it shall deem to be in the best interest of Williamson County. In determining the overall best bid, the County may exercise either (or both) of the following options granted to local government's under the Texas Local Government Code.

Option 1 – TLGC § 271.905. This option allows the County to consider a bidder's principal business location in determining the overall lowest and best bid.

Option 2 – TLGC § 271.907. This option allows the County to evaluate bids and give preference to goods and/or services of a vendor that demonstrates that the vendor meets or exceeds any and all state or federal environmental standards, including voluntary standards, relating to air quality. If the bid being submitted will have an effect on air quality for Williamson County (as it relates to any state, federal, or voluntary air quality standard), then the bidder should provide information in narrative form indicating the anticipated air quality impact. Bidders are expected to meet all mandated state and federal air quality standards.

CONTRACT: This Bid, when properly accepted by Williamson County, shall constitute a contract equally binding between the successful bidder and Williamson County.

The successful bidder may be required to sign an additional agreement containing terms necessary to ensure compliance with the bid.

CONTRACT ADMINISTRATION: Under this contract, Jim Rodgers, Parks & Recreation Director, Williamson County, shall be the contract administrator with designated responsibility to ensure compliance with contract requirements, such as but not limited to, acceptance, inspection and delivery. The contract administrator will serve as liaison between Williamson County Commissioners Court and the successful bidder.

CONTRACT PERIOD: The Contract Period is the date of award through completion of project. This project is to be completed **270 calendar days** after notice to proceed is issued.

Upon the failure of Commissioners Court to so appropriate in any year, the Vendor may elect to terminate this agreement, with no additional liability to the County. The County and the Vendor agree that termination shall be the Vendor's sole remedy under this circumstance.

BID CONTACTS

PURCHASING CONTACT:

Jonathan Harris
301 SE Inner Loop – Suite 106
Georgetown, TX 78626
(512) 943-1692
joharris@wilco.org

TECHNICAL CONTACT:

David Rothenberg
BWM Group
102 E. Main – Suite 200
Round Rock, TX 78664
(512) 238-8912 ext. 204
drothenberg@bwmgrp.com

MISCELLANEOUS

CONFLICT OF INFORMATION: In the event a conflict of information exists between the County bidder instructions and the Design Consultant instructions the County's bidder instructions will supercede.

FOB DESTINATION: All of the items listed are to be Free On Board to final destination (FOB Destination) with all transportation charges if applicable to be included in the price, unless otherwise specified in the Invitation for Bids. The title and risk of loss of the goods shall not pass to the County until receipt and acceptance takes place at the FOB point.

FIRM PRICING: All of the items listed are to be on a "per unit" basis, stating a firm price per unit or unit quantity of each item. This price must be good from the date of bid opening for a fixed period of time. Unless the Bid expressly states otherwise, this period shall be until the end of the current fiscal year on September 30, 2011. Bids which do not state a fixed price, or which are subject to change without notice, will not be considered. The Court may award a contract for the period implied or expressly stated in the lowest and best bid, but for no longer than the current fiscal year.

ESTIMATED QUANTITIES: The estimated quantity of each item listed in the notice is only an estimate – the actual quantity to be purchased may be more or less. The County is not obligated to purchase any minimum amount, and the County may purchase any reasonable amount greater than the estimate for the same unit price. Any limit on quantities must be stated expressly in the bid.

FUNDING: Funds for payment have been provided through the Williamson County budget approved by Commissioners' Court for the October 1, 2010 thru September 30, 2011 fiscal year.

SALES TAX: Williamson County is by statute, exempt from the State Sales Tax and Federal Excise Tax.

STATEMENTS: No oral statement of any person shall modify or otherwise change, or affect the terms, conditions, plans and/or specifications stated in the various Bid Packages and/or Bid Instructions or Requirements.

DELIVERY: The delivery time and location for the commodity and/or service covered by this bid shall be as stated in the various bid packages.

PURCHASE ORDER: If required by the Williamson County Purchasing Department a purchase order(s) may be generated to the successful bidder for products and/or services. If a purchase order is issued the purchase order number must appear on all itemized invoices and/or requests for payment.

PAYMENT: Payment shall be made by check from the County upon satisfactory completion and acceptance of items and submission of the Invoice to the ordering department for work specified by this Contract Document. All payments owed will be paid no later than thirty (30) days after the goods or services are received OR the date that the invoice is received by the Auditor's Office whichever is later. As a minimum, invoices shall include:

(1) Name, address, and telephone number of Vendor and similar information in the event the payment is to be made to a different address
(2) County contract, Purchase Order, and/or delivery order number
(3) Identification of items or service as outlined in the contract
(4) Quantity or quantities, applicable unit prices, total prices, and total amount
(5) Any additional payment information which may be called for by the contract

Payment inquiries should be directed to the Auditor's Office, Accounts Payable Department: Donna McKitrick, 943-1558 or Kathy Blankenship, 943-1557.

CONFLICT OF INTEREST: No public official shall have interest in a contract, in accordance with Vernon's Texas Codes Annotated, Local Government Code Title 5, Subtitle C, Chapter 171.

As of January 1, 2006 Vendor's are responsible for complying with Local Government Code Title 5, Subtitle C, Chapter 176. Additional information may be obtained from the County website at the following link: *http://wcportals.wilco.org/Interest_Conflict/index.html*

The Williamson County Conflict of Interest Statement is located on Page 7 of this Invitation for Bids. This form must be completed, signed, and submitted with your Bid.

ETHICS: The bidder shall not accept or offer gifts or anything of value nor enter into any business arrangement with any employee, official or agent of Williamson County.

DOCUMENTATION: Bidder shall provide with this bid response, all documentation required by this bid. Failure to provide this information may result in rejection of the bid.

TERMINATION FOR CAUSE: In the event of breach or default of this contract or any other additional agreement containing terms necessary to ensure compliance with the Proposer's proposal, Williamson County reserves the right to enforce the performance of this contract or any additional agreement by any manner prescribed by law or deemed to be in the best interest of Williamson County. At Williamson County's sole discretion, the Proposer may be given a reasonable opportunity to cure its breach or default prior to Williamson County's termination under this provision. Williamson County's option to offer time to cure a default or breach shall, however, in no way be construed as negating the basis for termination for non-performance.

TERMINATION FOR CONVENIENCE: Williamson County may terminate this contract and/or any additional agreement containing terms necessary to ensure compliance with the Proposer's proposal, for convenience and without cause or further liability, upon thirty (30) days written notice to Proposer. In the event Williamson County exercises its right to terminate without cause, it is understood and agreed that only the amounts due to Proposer for goods, commodities and/or services provided and expenses incurred to and including the date of termination, will be due and payable. No penalty will be assessed for Williamson County's termination for convenience.

SILENCE OF SPECIFICATIONS: The apparent silence of these specifications as to any detail or to the apparent omission from it of a detailed description concerning any point, shall be regarded as meaning that only the best practices are to prevail. All interpretations of these specifications shall be made on the basis of this statement.

COMPLIANCE WITH LAWS: The successful bidder shall comply with all applicable federal, state and local laws and regulations pertaining to the practice of the profession and the execution of duties under this bid including the TEXAS HAZARD COMMUNICATION ACT and THE WILLIAMSON COUNTY HAZARD COMMUNICATION PROGRAM POLICY.

WORKER'S COMPENSATION

The Texas Labor Code, §406.096, requires workers' compensation insurance coverage for all persons providing services on a building or construction project for a governmental entity. The rule requires a governmental entity to timely obtain certificates of coverage and retain them for the duration of the project. The rule also sets out the language to be included in bid specifications and in contracts awarded by a governmental entity and the information required to be in the posted notice to employees. The rule is adopted under the Texas Labor Code, §402.061. The information provided below is a result of this rule. By submitting your bid to the county, you are acknowledging that this rule is a part of these bid specifications, and that you will observe and abide by all of the requirements outlined in the rule. You are further agreeing that should your bid or proposal be accepted by the Williamson County Commissioners' Court, the necessary certificates of coverage showing workers' compensation coverage, will be provided to the following name and address, prior to beginning work:

Jonathan Harris
Williamson County Purchasing Department
301 SE Inner Loop - Suite 106
Georgetown, TX 78626

If you have any questions related to this ruling and/or requirement, you are encouraged to contact either the Williamson County Purchasing Department at (512) 943-3553, or you may call the Division of Workers' Compensation at (512) 804-4000.

Workers' Compensation Insurance Coverage:

A. Definitions: Certificate of coverage ("certificate")-A copy of a certificate of insurance, a certificate of authority to self-insure issued by the commission, or a coverage agreement (TWCC-81, TWCC-82, TWCC-83, or TWCC-84), showing statutory workers' compensation insurance coverage for the person's or entity's employees providing services on a project, for the duration of the project.

Duration of the project - includes the time from the beginning of the work on the project until the contractor's/person's work on the project has been completed and accepted by the governmental entity.

Persons providing services on the project ("subcontractor" in S406.096) - includes all persons or entities performing all or part of the services the contractor has undertaken to perform on the project, regardless of whether that person contracted directly with the contractor and regardless of whether that person has employees. This includes, without limitation, independent contractors, subcontractors, leasing companies, motor carriers, owner-operators, employees of any such entity, or employees of any entity which furnishes persons to provide services on the project. "Services" include, without limitation, providing, hauling, or delivering equipment or materials, or providing labor, transportation, or other service related to a project. "Services" does not include activities unrelated to the project, such as food/beverage vendors, office supply deliveries, and delivery of portable toilets.

B. The contractor shall provide coverage, based on proper reporting of classification codes and payroll amounts and filing of any coverage agreements, which meets the statutory requirements of Texas Labor Code, Section 401.011(44) for all employees of the contractor providing services on the project, for the duration of the project.

C. The Contractor must provide a certificate of coverage to the governmental entity prior to being awarded the contract.

D. If the coverage period shown on the contractor's current certificate of coverage ends during the duration of the project, the contractor must, prior to the end of the coverage period, file a new certificate of coverage with the governmental entity showing that coverage has been extended.

E. The contractor shall obtain from each person providing services on a project, and provide to the governmental entity:

(1) a certificate of coverage, prior to that person beginning work on the project, so the governmental entity will have on file certificates of coverage showing coverage for all persons providing services on the project;

(2) no later than seven (7) days after receipt by the contractor, a new certificate of coverage showing extension of coverage, if the coverage period shown on the current certificate of coverage ends during the duration of the project.

F. The contractor shall retain all required certificates of coverage for the duration of the project and for one year thereafter.

G. The contractor shall notify the governmental entity in writing by certified mail or personal delivery, within ten (10) days after the contractor knew or should have known, of any change that materially affects the provision of coverage of any person providing services on the project.

H. The contractor shall post on each project site a notice, in the text, form and manner prescribed by the Division of Workers' Compensation, informing all persons providing services on the project that they are required to be covered, and stating how a person may verify coverage and report lack of coverage.

I. The contractor shall contractually require each person with whom it contracts to provide services on a project, to:

(1) provide coverage, based on proper reporting of classification codes and payroll amounts and filing of any coverage agreements, which meets the statutory requirements of Texas Labor Code, Section 401.011(44) for all of its employees providing services on the project, for the duration of the project;

(2) provide to the contractor, prior to that person beginning work on the project, a certificate of coverage showing that coverage is being provided for all employees of the person providing services on the project, for the duration of the project;

(3) provide the contractor, prior to the end of the coverage period, a new certificate of coverage showing extension of coverage, if the coverage period shown on the current certificate of coverage ends during the duration of the project;

(4) obtain from each other person with whom it contracts, and provide to the contractor:

(a) a certificate of coverage, prior to the other person beginning work on the project; and

(b) a new certificate of coverage showing extension of coverage, prior to the end of the coverage period, if the coverage period shown on the current certificate of coverage ends during the duration of the project;

(5) retain all required certificates of coverage on file for the duration of the project and for one year thereafter;

(6) notify the governmental entity in writing by certified mail or personal delivery, within ten (10) days after the person knew or should have known, of any change that materially affects the provision of coverage of any person providing services on the project; and

(7) contractually require each person with whom it contracts, to perform as required by paragraphs (1) - (7), with the certificates of coverage to be provided to the person for whom they are providing services.

J. By signing this contract or providing or causing to be provided a certificate of coverage, the contractor is representing to the governmental entity that all employees of the contractor who will provide services on the project will be covered by workers' compensation coverage for the duration of the project, that the coverage will be based on proper reporting of classification codes and payroll amounts, and that all coverage agreements will be filed with the appropriate insurance carrier or, in the case of a self-insured, with the commission's Division of Self-Insurance Regulation. Providing false or misleading information may subject the contractor to administrative penalties, criminal penalties, civil penalties, or other civil actions.

K. The contractor's failure to comply with any of these provisions is a breach of contract by the contractor which

entitles the governmental entity to declare the contract void if the contractor does not remedy the breach within ten (10) days after receipt of notice of breach from the governmental entity.

PERFORMANCE AND PAYMENT BONDS: Chapter 262.032 of the Texas Local Government Code governs the requirements for performance bonds for government entities making public work contracts. A performance bond is required if the contract is in excess of $50,000 and is to be made for the full amount of the contract. Chapter 2253.021 of the Texas Government Code governs the requirements for payment bonds for government entities making public work contracts. A payment bond is required if the contract is in excess of $25,000 and is to be made for the full amount of the contract. The bonds are to be executed within fourteen (14) calendar days after receipt of written notification of award of contract and prior to beginning work on the project. The bonds must be executed by a corporate surety or sureties in accordance with the Texas Insurance Code.

If the public works contract is less than $50,000 the performance bond will not be required as long as the contract provides that payment is not due until the work is completed and accepted by the County.

BIDDER'S BOND: **All bids shall be accompanied by a certified cashier's check upon a National or State bank in an amount not less than five percent (5%) of the total maximum bid price, payable without recourse to Williamson County, or a bid bond in the same amount from a reliable surety company**, as a guarantee that the bidder will enter into a contract and execute performance and payment bonds within fourteen (14) calendar days after notice of award of contract to him. Bid guarantees must be submitted in the same sealed envelope with the bid. Bids submitted without check or bid bonds will not be considered.

EXECUTION OF CONTRACT: Failure to execute the construction contract within fourteen (14) calendar days of written notification of award or failure to furnish the performance bond, or letter of credit if applicable, and payment bond as required shall be just cause for the annulment of the award. In case of the annulment of the award, the bid guarantee shall become the property of Williamson County, not as a penalty, but as a liquidated damage.

The Contractor shall not commence work under this contract until he has furnished certification of all insurance required and such has been approved by Williamson County, nor shall the contractor allow any subcontractor to commence work on his subcontract until proof of all similar insurance that is required of the subcontractor has been furnished and approved.

Bid Submission: All bid submissions shall include the following completed forms and required information:

- Williamson County Conflict of Interest Statement
- Williamson County Bid Form
- Park HQ Schedule of Bid Items
- Bidder's Bond
- Three (3) References

WILLIAMSON COUNTY CONFLICT OF INTEREST STATEMENT

I hereby acknowledge that I am aware of the Local Government Code of the State of Texas, Section 176.006 regarding confli**c**ts of interest and will abide by all provisions as required by Texas law.

Printed name of person submitting form:
Name of Company:
Date:
Signature of person submitting form:

Notarized:

Sworn and subscribed before me by:_____ **on** _____**.** **(date)**

WILLIAMSON COUNTY BID FORM

REGIONAL PARK HEADQUARTERS

BID NUMBER: 11WC907

NAME OF BIDDER: _____

Mailing Address: _____

City: _____ State: _____ Zip:_____

Email Address: _____

Telephone: (_____) _____ Fax: (_____) _____

TOTAL BID AMOUNT (To include all costs: materials, labor, equipment, installation, delivery, possible bonds, etc)**:**

$_____

The undersigned, by his/her signature, represents that he/she is authorized to bind the bidder to fully comply with the terms and conditions of the attached Request for Bid, Specifications, and Special Provisions for the amount(s) shown on the accompanying bid sheet(s). By signing below, you have read the entire document and agreed to the terms therein.

_____ Date: _____
Signature of Person Authorized to Sign Bid

Printed Name and Title of
Signer:_____

ACKNOWLEDGEMENT OF ADDENDA
The bidder shall acknowledge receipt of any addenda issued to the solicitation by completing the blocks below or by completion of the applicable information on the addendum and returning it no later than the date and time for receipt of the bid. Failure to acknowledge an addendum that has a material impact on the solicitation may negatively impact the responsiveness of your bid. Material impacts include but are not limited to changes to specifications/scope of work, delivery time, quantities, bonds, qualifications, etc.

Addendum No._____, Date_____ Addendum No._____, Date_____
Addendum No._____, Date_____ Addendum No._____, Date_____

DO NOT SIGN OR SUBMIT WITHOUT READING ENTIRE DOCUMENT
THIS FORM MUST BE COMPLETED, SIGNED, AND RETURNED WITH BID

Williamson County
Inner Loop Annex

Address:

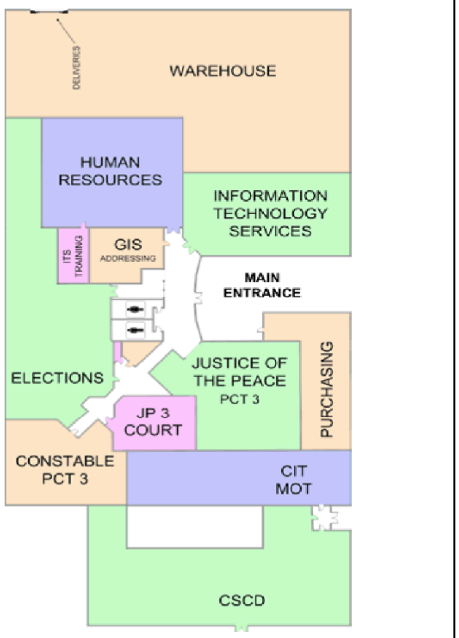
301 SE Inner Loop
Georgetown, TX 78626

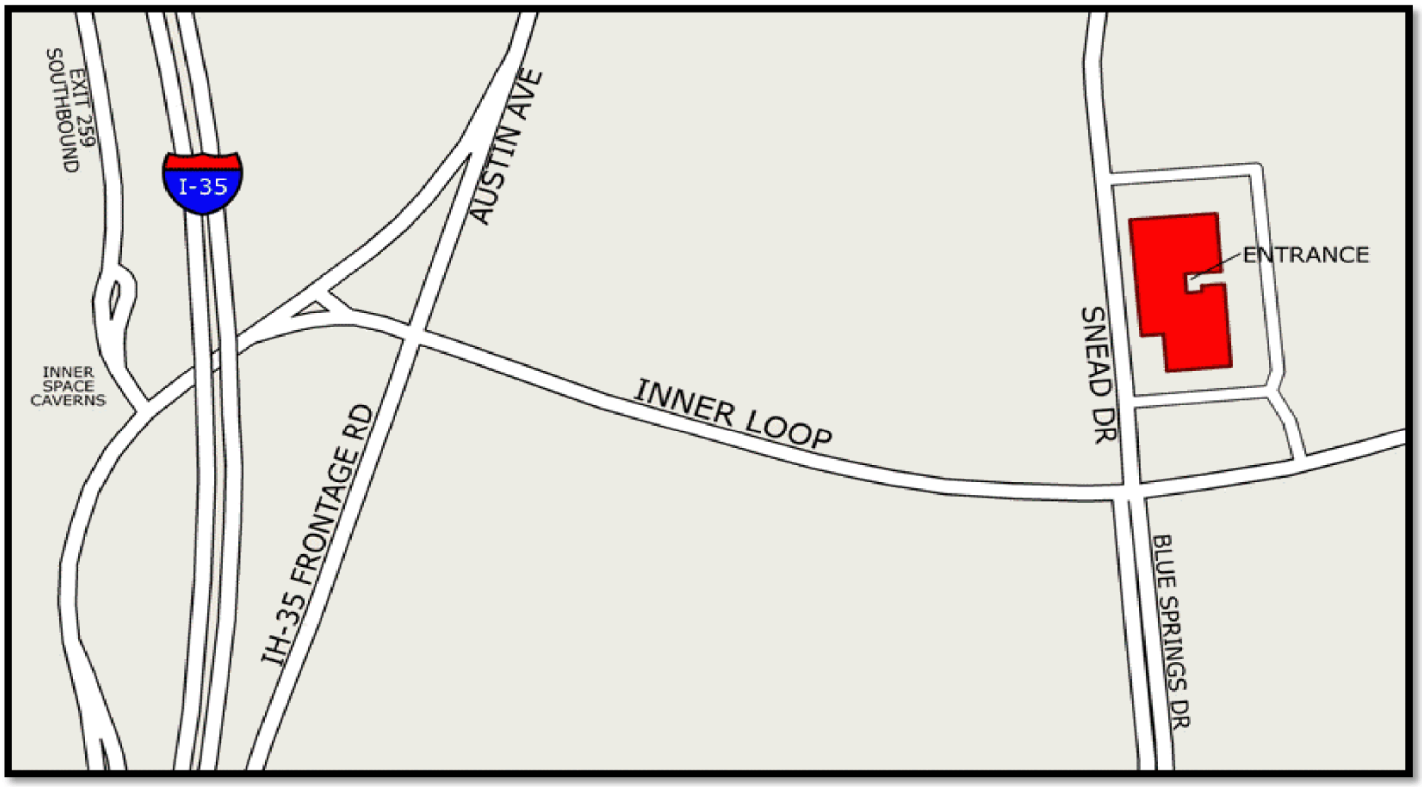
Directions:

From South (Austin, Round Rock)
Take IH-35 Northbound
Exit 259
Stay on frontage road for approximately 2 miles
At stop sign, go right on Inner Loop
Just past Snead Drive, the Inner Loop Annex is on the left
Main entrance is on the side of the building by the flagpoles

From North (Georgetown, Jarrell)
Take IH-35 Southbound
Exit 259
At stop sign, go left under the overpass
At stop stay straight onto Inner Loop
Just past Snead Drive, the Inner Loop Annex is on the left
Main entrance is on the side of the building by the flagpoles

INNER LOOP ANNEX FLOOR PLAN





CONTRACT DOCUMENT

The successful bidder shall be required to execute a formal contract at Williamson County's offices in Georgetown, Texas within ten (10) days after the bid award. Said contract shall be in the same form as the contract which begins on the following page. The only anticipated changes in the contract will be to include additional exhibits, to fill in blanks to identify the contractor, and terms relating to the compensation, or to revise the contract to accommodate corrections, changes in the scope of services, or changes pursuant to addenda issued. **Bidders should raise any questions regarding the terms of the contract, or submit requested changes in said terms, in the form of written questions or submittals.** Because the signed contract will be substantively and substantially derived from the attached contract, each bidder is urged to seek independent legal counsel as to any questions about the terms, conditions or provisions contained in the attached contract ***before*** submitting a bid. Again, the attached contract contains important legal provisions and is considered part and parcel of this bid invitation. Failure or refusal to sign aforesaid contract shall be grounds for Williamson County to revoke any bid award which has been issued, forfeit bid security, if applicable, and select another bidder.

AGREEMENT
BETWEEN OWNER AND CONTRACTOR

This Agreement is made as of _____, 20____ (the "Effective Date"), by and between

The **Owner**: Williamson County
710 Main Street, Ste. 101
Georgetown, Texas 78626

and **Contractor** _____
_____
_____ _____

for the **Project**: _____
_____
_____ _____

Project Architect: _____
_____
_____ _____

AGREEMENT, this Agreement between Owner and Contractor (hereinafter called "Agreement") is entered into effective as of the date indicated on the immediately preceding page of this document and all attachments (the "Effective Date"), by and between Williamson County a political subdivision of the State of Texas (hereinafter called the "Owner") and _____ (hereinafter called "Contractor").

WHEREAS, the Owner desires to retain a Contractor for the Construction of _____ (hereinafter called the "Project"),

WHEREAS, the Owner desires a Contractor who will render, diligently and competently in accordance with the highest standards used in the profession, all Contractor services which shall be

necessary or advisable for the expeditious, economical and satisfactory completion of the Project, and

NOW, THEREFORE, in consideration of the mutual undertakings herein contained, the parties hereto agree as follows:

ARTICLE 1 SCOPE OF WORK

The Contractor has overall responsibility for and shall provide complete construction services and furnish all materials, equipment, tools and labor as necessary or reasonably inferable to complete the Work, or any phase of the Work, in accordance with the Owner's requirements and the terms of the Contract Documents.

ARTICLE 2 CONTRACT DOCUMENTS

2.1 The Contract Documents consist of:

a. This Agreement and all exhibits and attachments listed, contained or referenced in this Agreement;
b. The General Conditions for Williamson County ("General Conditions"), however, this Agreement shall control in the event of a conflict with those General Conditions;
c. The Special Conditions, however, this Agreement shall control in the event of a conflict with those Special Conditions;
d. All Addenda issued prior to the Effective Date of this Agreement;
e. The "Bid Documents" as defined by the "Invitation for Bidders" in the original bid documents;
f. All Change Orders issued after the Effective Date of this Agreement;
g. The Drawings, Specifications, details and other documents developed by Project Architect to describe the Project and accepted by Owner; and
h. The Drawings and Specifications developed or prepared by Owners other consultants, if any, and accepted by the Owner.

2.2 The Contract Documents form the entire and integrated Contract and Agreement between Owner and Contractor and supersede all prior negotiations, representations or agreements, written or oral.

2.3 The term "Contractor" shall be interchangeable with the terms "Proposer," "Bidder" and "General Contractor" or other similar terms as appropriate in the Contract Documents.

ARTICLE 3 DEFINITIONS

The terms, words and phrases used in the Contract Documents shall have meanings as follows.

3.1 "**Construction Documents**" means, collectively, the Drawings, Specifications, details, accepted and approved Change Orders and other documents prepared by the Project Architect, its consultants and by the Owner's other consultants that describe the scope and quality of the Project and the materials, supplies, equipment, systems and other elements that are required for construction of the Project that are accepted by the Owner.

3.2 "**Contract Sum**" means the total amount of all compensation payable to the Contractor for the Project and shall not exceed the Total Base Bid proposed by the Contractor and accepted by the Owner, subject to adjustment as approved by Owner for Additional Services or Change Orders. Any costs that exceed the Contract Sum shall be borne solely by Contractor without reimbursement by Owner.

3.3 "**Final Completion**" means the stage in the progress of the Work when, in the Owner's opinion, the entire Work has been completed, the Contractor's obligations under the Contract Documents have been fulfilled, and the Owner is processing or has made final payment to the Contractor, as evidenced by a Certificate of Acceptance approved by the Owner. The date of Final Completion is a crucial element of the Project. Therefore, the date of Substantial Completion, as defined herein below, is not subject to change unless due to "force majeure" as defined herein and in any associated Contract Documents or unless agreed to in advance in writing by the parties.

3.4 **"Notice to Proceed"** refers to the written document issued by the Owner following acceptance of the proposal and execution of this Agreement which indicates the date on which the Work is to begin.

3.5 **"Owner"** means Williamson County and includes its designated Owner's Designated Representative.

3.6 **"Owners Designated Representative or ODR"** means the individual described in Article 7.3 herein below.

3.7 "**Owner's Specifications**" means the construction and contract administration requirements and standards as interpreted by Owner.

3.8 "**Project Architect**" means the professional architect employed by the Owner as architect of record for the Project along with their consultants.

3.9 **"Standards and Standard Specifications"** means the construction and design requirements and the highest standards of Contractor's profession or business and in compliance with all applicable national, federal, state, municipal, laws, regulations, codes, ordinances, orders and with those of any other body having jurisdiction

3.10 "**Subcontractor**" means a person or entity that has an agreement with the Contractor to perform any portion of the Work. The term Subcontractor does not include the Project Architect or any person or entity hired directly by the Owner.

3.11 "**Substantial Completion**" means the stage in the progress of the Work when the Work, or designated portions thereof, may still require minor modifications or adjustments but, in the Owner's opinion, the Work has progressed to the point such that all parts of the Work under consideration are fully operational and usable for intended purposes, as evidenced by a Certificate of Substantial Completion approved by the Owner.

3.12 "**Work**" means provision of all services, labor, materials, supplies, and equipment which are required or reasonably inferable to complete the Project in strict accordance with the requirements of the Contract Documents (as such may be modified or amended). The term "reasonably inferable" takes into consideration the understanding of the parties that some details necessary for completion of the Work may not be shown on the Drawings or included in the Specifications, but they are a requirement of the Work if they are a usual and customary component of the Work or otherwise necessary for complete installation and operation of the Work. The Contractor shall not be entitled to an increase in the Contract Sum due to the absence of any detail or specification the Contractor may require or for any construction which may be found necessary as the Work progresses in order to complete the construction of the Project. If an item or system is either shown or specified, all material and equipment required for the proper installation of such item or system shall be provided whether or not detailed or specified, omitting only such parts as are specifically excepted

by the Owner. Notwithstanding the above, the Contractor shall not be responsible for design, except incidental designing/detailing as required by the Specifications for shop drawing purposes.

ARTICLE 4 SUBSTANTIAL COMPLETION

4.1 Substantial Completion. If a Certificate of Occupancy is required by public authorities having jurisdiction over the Work, said certificate shall be issued before the Work or any portion thereof is considered substantially complete. When the Contractor considers that the Work, or a portion thereof which the Owner agrees to accept separately, is substantially complete, the Contractor shall notify Owner's Designated Representative and request a determination as to whether the Work or designated portion thereof is substantially complete. If Owner's Designated Representative does not consider the Work substantially complete, Owner's Designated Representative will notify the Contractor giving reasons therefore. Failure on the Owner's part to list a reason does not alter the responsibility of the Contractor to complete all Work in accordance with the Contract Documents. After satisfactorily completing items identified by Owner's Designated Representative, the Contractor shall then submit another request for Owner's Designated Representative to determine Substantial Completion. If Owner's Designated Representative considers the Work substantially complete, Owner's Designated Representative will prepare and deliver a certificate of Substantial Completion which shall establish the date of Substantial Completion, shall include a punch list of items to be completed or corrected before final payment, shall establish the time within which the Contractor shall finish the punch list, and shall establish responsibilities of the Owner and the Contractor for security, maintenance, heat, utilities, damage to the Work, warranty and insurance. Failure to include an item on the punch list does not alter the responsibility of the Contractor to complete all Work in accordance with the Contract Documents. The certificate of Substantial Completion shall be signed by the Owner and the Contractor to evidence acceptance of the responsibilities assigned to them in such certificate.

4.2 Owner intends to achieve Substantial Completion (as defined in this agreement) for all stages of construction on or before the following completion date:

EXPECTED DATE FOR SUBSTANTIAL COMPLETION: _____ _____, 20____

Under no circumstances will the time for Substantial Completion exceed this date without a written amendment to this Agreement.

4.3 THE TIMES SET FORTH IN THE CONSTRUCTION DOCUMENTS ARE AN ESSENTIAL ELEMENT OF THE AGREEMENT.

ARTICLE 5 COMPENSATION

5.1 Contract Sum. The Contract Sum for the Project is: _____ ($_____)

5.2 Contract Payments. Method and terms of payment of the contract sum shall be in accordance with the Contract Documents.

5.3 Liquidated Damages. For each consecutive calendar day after the date of Substantial Completion that the Work is not substantially completed, the Owner may deduct the amount of:

_____ *Dollars per day ($_____/day)*

from any money due or that becomes due the Contractor, not as a penalty but as liquidated damages representing the parties' estimate at the time of contract execution of the damages that the Owner will sustain for late completion. The parties stipulate and agree that calculating Owner's actual damages for late completion of the Project would be impractical, unduly burdensome, and cause unnecessary delay and that the amount of daily liquidated damages set forth is reasonable.

ARTICLE 6 CONTRACTOR'S GENERAL RESPONSIBILITIES

QUALITY OF WORK

6.1 Contractor shall perform all services specifically allocated to it by the Contract Documents as well as those services reasonably inferable from the Construction Documents as necessary for completion of the Work and the Project. Contractor shall render, diligently and competently in accordance with the highest standards used in the profession, all Contractor services which shall be necessary or advisable for the expeditious, economical and satisfactory completion of the Project. The enumeration of specific duties and obligations performed by the Contractor hereunder shall not be construed to limit the general undertakings of the Contractor. The obligations of the Contractor hereunder run to and are for the benefit of only the Owner.

6.2 Notwithstanding anything to the contrary contained in this Agreement, Owner and Contractor agree and acknowledge that Owner is entering into this Agreement in reliance on Contractor's represented expertise and ability to provide construction services. Contractor agrees to use its best efforts, skill, judgment, and abilities to perform its obligations and to further the interests of Owner in accordance with Owner's requirements and procedures.

6.3 Contractor represents and agrees that all persons connected with the Contractor directly in charge of its services are duly registered and/or licensed under the laws, rules and regulations of any authority having jurisdiction over the Project if registration is required.

6.4 Contractor's duties as set forth herein shall at no time be in any way diminished by reason of any approval by the Owner nor shall the Contractor be released from any liability by reason of such approval by the Owner, it being understood that the Owner at all times is ultimately relying upon the Contractor's skill and knowledge in performing the services required hereunder.

COORDINATION OF THE WORK

6.5 Contractor shall cooperate with the Project Architect and ODR and endeavor to further the interests of the Owner and the Project. Contractor shall complete the Project in an expeditious and economical manner consistent with the interests of the Owner and in accordance with the Project Schedule.

6.6 Contractor shall designate a representative authorized to act on the Contractor's behalf with respect to the Project. Contractor warrants, represents, covenants, and agrees to furnish efficient

business administration and superintendence and perform its services hereunder or pursuant to this Agreement in the best way and in the most expeditious and economical manner consistent with the interest of Owner. The Contractor agrees to provide an on-site, full-time superintendent for the duration of the Project.

6.7 Contractor shall review and understand the standards and requirements in Owner's Specifications and perform all services in accordance with those standards and requirements.

6.8 Contractor shall visit the site and inspect the existing facilities, systems and conditions to insure an accurate understanding of the existing conditions as required.

6.9 Contractor shall, at Owner's request, attend public meetings and hearings concerning the development and schedule of the Project.

6.10 Contractor shall review all Drawings, Specifications, and other Construction Documents as they are developed by the Owner and/or its Project Architect and advise Owner of any error, inconsistency or omission discovered in the Drawings, Specifications, and other Construction Documents.

6.11 Contractor shall review the Construction Documents for compliance with all applicable laws and code requirements and with Williamson County requirements.

6.12 Contractor shall advise Owner of any tests to be performed, and assist Owner in selecting testing laboratories and consultants, without assuming direct responsibility for the work of such laboratories and consultants.

6.13 Contractor shall review the Construction Documents to ensure that they contain adequate provision for all temporary facilities necessary for performance of the Work, and provisions for all of the job site facilities necessary to manage, inspect, and supervise construction of the Work.

6.14 Contractor shall consult with and make recommendations to the Owner on the acquisition schedule for fixtures, furniture and equipment, and coordinate the Owner's purchase and installation of such items with the Owner as may be required to meet the Contractor's Project Schedule.

6.15 Contractor shall identify every Subcontractor it intends to use on the Project, including Subcontractors used for self-performed work, to the Owner in writing at least ten (10) days before entering into any subcontract. Contractor shall not use any Subcontractor to which Owner has a reasonable objection. Following Owner acceptance of a Subcontractor, that Subcontractor shall not be changed without Owner's written consent, which shall not be unreasonably withheld.

6.16 Contractor is responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the Work. The safety program shall comply with all applicable requirements of the current federal Occupational Safety and Health Act and all other applicable federal, state and local laws and regulations and with the requirements of an Owner controlled insurance program, if any.

6.17 Contractor shall provide recommendations and information to Owner and Project Architect regarding the assignment of responsibilities for safety precautions and programs, temporary Project facilities, and equipment, materials, and services for common use of the Subcontractors. Contractor shall verify that appropriate safety provisions are included in the Construction Documents.

CONSTRUCTION WORK

6.18 Construction shall be deemed to commence upon the date specified in a Notice to Proceed issued by Owner and shall continue until Final Completion of all Work. The Contractor shall construct the Work in strict accordance with the Construction Documents and Owner's Specifications within the time required by the Project Schedule approved by Owner.

6.19 The Contractor hereby agrees to make any and all changes, furnish the materials and perform the Work which may be required or reasonably inferable to complete the Project in strict accordance with the requirements of the Contract Documents, without nullifying this Agreement. **NO ALTERATIONS OR CHANGES SHALL BE MADE, HOWEVER, EXCEPT UPON THE WRITTEN ORDER OF THE OWNER, OR ITS AUTHORIZED REPRESENTATIVE**.

6.20 Contractor shall organize and maintain a competent, full-time staff at the Project site with clearly defined lines of authority and communication as necessary to coordinate construction activities, monitor and direct progress of the Work.

6.21 Contractor shall designate in writing a representative who is responsible for the day-to-day management of the Work. The designated representative shall be the Owner's primary contact during the Work and shall be available as required for the benefit of the Project and the Owner. The designated representative shall be authorized to act on behalf of and bind the Contractor in all matters related to the Work including, but not limited to, execution of Change Orders and Applications for Payment.

6.22 Contractor shall attend Owner's regularly scheduled Project progress meetings and fully advise the Owner's Designated Representative of the Project status including schedule, costs, quality and changes.

6.23 Contractor shall provide and pay for all labor, materials, equipment, tools, construction equipment and machinery, transportation, and all other facilities and services necessary for the proper execution and completion of the Work in strict accordance with the requirements of the Construction Documents.

6.24 Contractor shall assist in obtaining building permits and obtain special permits for permanent improvements as required by law or the Construction Documents. Assist Owner or Project Architect in obtaining all approvals required from authorities having jurisdiction over the Project.

6.25 Contractor shall coordinate, monitor and inspect the work of Subcontractors to ensure conformance with the Construction Documents.

6.26 Contractor shall be responsible for all construction means, methods, techniques, sequences and procedures, and for coordinating all portions of the Work. The Contractor shall keep the Owner informed of the progress and quality of the Work.

6.27 Contractor shall promptly correct any defective Work at Contractor's sole expense, unless the Owner specifically agrees to accept the Work.

6.28 Contractor shall warrant that the materials and equipment provided for the Project will be of good quality and new unless otherwise required or permitted by the Construction Documents; that the construction will be free from faults and defects; and that the construction will conform with the

requirements of the Construction Documents. The Contractor shall be responsible for correcting Work that does not comply with the Construction Documents at its sole expense without cost to the Owner.

6.29 Regarding Record Documents and the Owner's Project Closeout Specification, the Contractor shall maintain and deliver the required documents that describe changes or deviations from the Construction Documents that occurred during construction and that reflect the actual "As Built" conditions of the completed Work.

COMMISSIONING & WARRANTY RESPONSIBILITIES

6.30 Contractor shall provide commissioning, starting and check-out services for the systems installed in the project prior to completion and acceptance. Operation manuals and instructions will be provided to the Owner, the systems will be demonstrated and training provided to Williamson County's operators upon completion and prior to acceptance.

6.31 Contractor shall provide warranty services for the Work for a full eighteen months (thirty months for work in the mechanical subcontract) following Final Completion and acceptance. Just before the warranty period expires, Contractor shall attend an on-site meeting with the Owner and Project Architect to ensure that all warranty issues have been identified and properly remedied.

6.32 Contractor shall provide a written warranty period service plan that includes monthly site visits by an individual capable of making minor repairs and coordinating subcontractor warranty work.

ARTICLE 7 OWNER'S RESPONSIBILITIES

7.1 The Owner will designate a Project Architect for the Project.

7.2 The Owner will provide the general schedule for the Project. The general schedule will set forth the Owner's plan for milestone dates and completion of the Project.

7.3 The Owner will identify a person as its Owner's Designated Representative ("ODR") who is authorized to act in the Owner's behalf with respect to the Project. The ODR shall examine the documents submitted by the Contractor and shall render decisions on behalf of the Owner to the extent allowed by Texas law.

7.4 The Owner, at Owner's cost, will secure the services of surveyors, soils engineers, existing facility surveys, testing and balancing, environmental surveys or other special consultants to develop such additional information as may be necessary for the design or construction of the Project.

7.5 The Owner shall furnish required information and services and shall render approvals and decisions as expeditiously as is consistent with reasonable skill and care and the orderly progress of the Contractor's services and of the Work.

7.6 The Owner may designate one or more construction inspectors who shall be given access to the Work as requested or needed. The provision of inspection services by Owner shall not reduce or lessen Contractor's responsibility for the Work. Contractor is fully and solely responsible for constructing the Project in strict accordance with the Construction Documents.

7.7 Owner shall have the right to reject any defective Work on the Project. Should Contractor refuse or neglect to correct any such Work within a reasonable time after notice, Owner may have the Work corrected and recover all expenses incurred from Contractor on demand.

7.8 Owner shall furnish to the Contractor the number of Construction Document sets as required by this Agreement.

ARTICLE 8 OWNERSHIP AND USE OF DOCUMENTS

8.1 The Construction Documents and any other documents prepared by the Project Architect, its consultants, or other consultants retained by the Owner for the Project that describe the Work to be executed by the Contractor are instruments of service and shall remain the property of the Owner whether the Project for which they are made is executed or not. The Contractor and its Subcontractors are authorized to reproduce and use portions of the Construction Documents as necessary and appropriate for the execution of the Work. The Contractor and its Subcontractors shall not use the Construction Documents on any other projects.

8.2 Submission or distribution of the Construction Documents to meet official regulatory requirements or for other purposes in connection with the Project is authorized.

ARTICLE 9 TIME

9.1 TIME LIMITS STATED IN THE CONTRACT DOCUMENTS ARE OF THE ESSENCE OF THIS AGREEMENT.

9.2 Unless otherwise approved in writing, the Owner and the Contractor shall perform their respective obligations under the Contract Documents as expeditiously as is consistent with reasonable skill and care and the orderly progress of the Work.

ARTICLE 10 BONDS AND INSURANCE

10.1 Performance Bond. Upon execution of this Agreement, Contractor shall provide a Performance Bond in the amount of 100% of the Contract Sum. The surety for a Performance Bond shall meet the requirements of Texas law and the requirements set forth in the General Conditions.

10.2 Payment Bond. Upon execution of this Agreement, Contractor shall provide a Payment Bond in the amount of 100% of the Contract Sum, as security for the true and faithful payment in full of all subcontractors and persons performing labor, services, materials, machinery, and fixtures in connection with the Work. The surety for a Payment Bond shall meet the requirements of Texas law and the requirements set forth in the General Conditions.

10.3 Warranty Bond. Upon execution of this Agreement, Contractor shall provide a Warranty Bond in the amount of 100% of the Contract Sum, as security for the true and faithful performance of all warranties set forth in the Contract Documents.

10.4 The Contractor shall not commence Work under the Agreement until it has obtained all required insurance and until evidence of the required insurance has been reviewed and approved by the Owner. Owner's review of the insurance shall not relieve nor decrease the liability of the Contractor. Prior to commencing any Work under this Agreement, Contractor shall provide evidence of the insurance coverage that meets the following requirements:

10.4.1 The Contractor shall carry insurance in the types and amounts indicated below for the duration of the Agreement, which shall include items owned by Owner in the care, custody and control of Contractor prior to and during construction. Contractor must also complete and file the declaration pages from the insurance policies with Owner whenever a previously identified policy period expires during the term of the Agreement, as proof of continuing coverage. Contractor shall update all expired policies prior to submission of any payment requests hereunder. Failure to update policies shall be reason for payment to be withheld until evidence for renewal is provided to the Owner.

10.4.2 The Contractor shall provide and maintain, until the Work covered in this Agreement is completed and accepted by the Owner, the minimum insurance coverages in the minimum amounts as described below. Coverage shall be written on an occurrence basis by companies authorized and admitted to do business in the State of Texas and rated A- or better by A.M. Best Company, or otherwise acceptable to Owner.

Type of Coverage	Limits of Liability
a. Worker's Compensation	Statutory
b. Employer's Liability	
Bodily Injury by Accident	$500,000 Ea. Accident
Bodily Injury by Disease	$500,000 Ea. Employee
Bodily Injury by Disease	$500,000 Policy Limit
c. Commercial General Liability, including coverage for the following:	
1) Premises Operations	Combined Single
2) Independent Contractors	Limit for Bodily
3) Products/Completed Operations	Injury and Property Damage of
4) Personal Injury	$1,000,000 per occurrence or its equivalent.
5) Contractual Liability	
6) Explosion, Collapse, Underground	
7) Broad form property damage, to include fire legal liability	
d. Business Automobile Liability owned/leased, owned, hired	Combined single limit for Non-Bodily Injury and Property Damage of $1,000,000

per occurrence or its equivalent

e. Owner's Protective Liability Insurance Policy, naming Williamson County and its employees as insured with the following limits:

Bodily Injury	$1,000,000 Each Occurrence
$1,000,000 Aggregate	

10.4.3 The above insurance requirements are not intended to be compounded with the Contractor's standing insurance policies. If the Contractor already has in force insurance policies which provide the required coverage, there is no need to purchase duplicate coverage for this project

10.4.4 Policies must include the following clauses, as applicable.

a. "This insurance shall not be canceled, limited in scope or coverage, or non-renewed until after thirty (30) days prior written notice, or ten (10) days for non-payment of premium, has been given to the Owner."

b. "It is agreed that the Contractor's insurance shall be deemed primary with respect to any insurance or self insurance carried by Williamson County for liability arising out of operations under the Agreement with the Owner."

c. "The Owner, it officials, directors, employees, representatives, and volunteers are added as additional insured as respects operations and activities of, or on behalf of the named insured performed under Agreement with the Owner." This is not applicable to the workers' compensation policy.

d. "The workers' compensation and employers' liability policy will provide a waiver of subrogation in favor of the Owner."

10.4.5 Workers' Compensation Insurance Coverage:

a. Definitions:

(1) Certificate of coverage ("certificate") - A copy of a certificate of insurance, a certificate of authority to self-insure issued by the Texas Workers' Compensation Commission, or a coverage agreement (TWCC-81, TWCC-82, TWCC-83, or TWCC-84), showing statutory workers' compensation insurance coverage for the person's or entity's employees providing services on a project, for the duration of the project.

(2) Duration of the project - includes the time from the beginning of the work on the project until the Contractor's work on the project has been completed and accepted by the Owner.

(3) Coverage – Workers' compensation insurance meeting the statutory requirements of the Texas Labor Code, §401.011(44).

(4) Persons providing services on the project ("subcontractor") - includes all persons or entities performing all or part of the services the Contractor has undertaken to perform on the project, regardless of whether that person contracted directly with the Contractor and regardless of whether that person has employees. This includes, without limitation, independent contractors, subcontractors, leasing companies, motor carriers, owner-operators, employees of any such entity, or employees of any entity which furnishes persons to provide services on the project. "Services" include, without limitation, providing, hauling, or delivering equipment or materials, or providing labor, transportation, or other service related to a project. "Services" does not include activities unrelated to the project, such as food/beverage vendors, office supply deliveries, and delivery of portable toilets.

b. The Contractor shall provide coverage, based on proper reporting of classification codes and payroll amounts and filing of any coverage agreements, which meets the statutory requirements of Texas labor Code, §401.011(44) for all employees of the Contractor providing services on the project, for the duration of the Project.

c. The Contractor must provide a certificate of coverage to the Owner prior to or contemporaneously with the execution of this Agreement.

d. If the coverage period shown on the Contractor's current certificate of coverage ends during the duration of the Project, the Contractor must, prior to the end of the coverage period, file a new certificate of coverage with the Owner showing that coverage has been extended.

e. The Contractor shall obtain from each person providing services on the Project, and provide to the Owner:

(1) a certificate of coverage, prior to that person beginning work on the Project, so the Owner will have on file certificates of coverage showing coverage for all persons providing services on the Project; and

(2) no later than seven days after receipt by the Contractor, a new certificate of coverage showing extension of coverage, if the coverage period shown on the current certificate of coverage ends during the duration of the Project.

f. The Contractor shall retain all required certificates of coverage for the duration of the Project and for one year thereafter.

g. The Contractor shall notify the Owner in writing by certified mail or personal delivery, within 10 days after the Contractor knew or should have known, of any

change that materially affects the provision of coverage of any person providing services on the Project.

h. The Contractor shall post on the Project site a notice, in the text, form and manner prescribed by the Texas Workers' Compensation Commission, informing all persons providing services on the project that they are required to be covered, and stating how a person may verify coverage and report lack of coverage.

i. The Contractor shall contractually require each person with who it contracts to provide services on a project, to:

(1) provide coverage, based on proper reporting of classification codes and payroll amounts and filing of any coverage agreements, which meets the statutory requirements of Texas labor Code, Section 401.011(44) for all of its employees providing services on the Project, for the duration of the Project;

(2) provide to the Contractor, prior to that person beginning work on the Project, a certificate of coverage showing that coverage is being provided for all employees of the person providing services on the Project, for the duration of the Project;

(3) provide the Contractor, prior to the end of the coverage period, a new certificate of coverage showing extension of coverage, if the coverage period shown on the current certificate of coverage ends during the duration of the Project;

(4) obtain from each other person with whom it contracts, and provide to the Contractor:

a. a certificate of coverage, prior to the other person beginning work on the Project; and
b. a new certificate of coverage showing extension of coverage, prior to the end of the coverage period, if the coverage period shown on the current certificate of coverage ends during the duration of the Project;

(5) retain all required certificate of coverage on file for the duration of the project and for one year thereafter;

(6) notify the Owner in writing by certified mail or personal delivery, within 10 days after the person knew or should have known, of any change that materially affects the provision of coverage of any person providing services on the Project; and

(7) contractually require each person with whom it contracts, to perform as required by paragraphs (1)-(7), with the certificates of coverage to be provided to the person for whom they are providing services.

j. By signing this Agreement or providing or causing to be provided a certificate of coverage, the Contractor is representing to the Owner that all employees of the

Contractor who will provide services on the project will be covered by workers' compensation coverage for the duration of the Project, that the coverage will be based on proper reporting of classification codes and payroll amounts, and that all coverage agreements will be filed with the appropriate insurance carrier or, in the case of a self-insured, with the commission's Division of Self-Insurance Regulation. Providing false or misleading information may subject the Contractor to administrative penalties, criminal penalties, civil penalties, or other civil actions.

k. The Contractor's failure to comply with any of these provisions is a breach of Agreement by the Contractor which entitles the Owner to declare the Agreement void if the Contractor does not remedy the breach within ten days after receipt of notice of breach from the Owner.

10.4.6 If insurance policies are not written for the amounts specified above, Contractor shall carry Umbrella or Excess Liability Insurance for any differences in amounts specified. If Excess Liability Insurance is provided, it shall follow the form of primary coverage.

10.4.7 The furnishing of the above listed insurance coverage, as may be modified by the Contract Documents, must be tendered prior to execution of the Agreement.

10.5 The Contractor shall not cause or allow any of its required insurance to be canceled nor permit any insurance to lapse during the term of the Agreement or as required in the Agreement. If the Contractor fails to obtain, maintain or renew any insurance required by the Agreement, the Owner may obtain insurance coverage directly and recover the cost of that insurance from the Contractor.

10.6 The Owner reserves the right to review the insurance requirements set forth in this Article during the effective period of the Agreement and to make reasonable adjustments to the insurance coverage and their limits when deemed necessary and prudent by the Owner based upon changes in statutory law, court decisions, or the claims history of the industry as well as the Contractor.

10.7 The Owner shall be entitled, upon request, and without expense, to receive complete copies of the policies with all endorsements and may make any reasonable requests for deletion, or revision or modification of particular policy terms, conditions, limitations, or exclusions, except where policy provisions are established by law or regulation binding upon the Parties or the underwriter of any of such polices. Damages caused by the Contractor and not covered by insurance shall be paid by the Contractor.

ARTICLE 11 INDEMNITY

11.1 TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, THE CONTRACTOR AND ITS AGENTS, PARTNERS, EMPLOYEES, AND CONSULTANTS (COLLECTIVELY "INDEMNITORS") SHALL AND DO AGREE TO INDEMNIFY, PROTECT, DEFEND WITH COUNSEL APPROVED BY OWNER, AND HOLD HARMLESS THE OWNER, REPRESENTATIVES OF THE OWNER AND THE COMMISSIONERS COURT OF WILLIAMSON COUNTY, ITS VARIOUS DEPARTMENTS, AND THEIR RESPECTIVE OFFICERS, DIRECTORS, EMPLOYEES AND AGENTS (COLLECTIVELY "INDEMNITEES") FROM AND AGAINST ALL CLAIMS. DAMAGES, LOSSES, LIENS, CAUSES OF ACTION, SUITS, JUDGMENTS, AND EXPENSES, INCLUDING ATTORNEY FEES, OF ANY NATURE, KIND, OR DESCRIPTION (COLLECTIVELY "LIABILITIES") OF ANY PERSON OR ENTITY WHOMSOEVER ARISING OUT OF, CAUSED BY, OR RESULTING FROM THE PERFORMANCE OF THE SERVICES OR ANY PART THEREOF

WHICH ARE CAUSED IN WHOLE OR IN PART BY ANY NEGLIGENT ACT OR OMISSION OF THE CONTRACTOR, ANYONE DIRECTLY OR INDIRECTLY EMPLOYED BY IT OR ANYONE FOR WHOSE ACTS IT MAY BE LIABLE, EVEN IF IT IS CAUSED IN PART BY THE NEGLIGENCE OR OMISSION OF ANY INDEMNITEE, SO LONG AS IT IS NOT CAUSED BY THE SOLE NEGLIGENCE OR WILLFUL MISCONDUCT OF ANY INDEMNITEE. IN THE EVENT MORE THAN ONE OF THE INDEMNITORS ARE CONNECTED WITH AN ACCIDENT OR OCCURRENCE COVERED BY THIS INDEMNIFICATION, THEN EACH OF SUCH INDEMNITORS SHALL BE JOINTLY AND SEVERALLY RESPONSIBLE TO THE INDEMNITEES FOR INDEMNIFICATION AND THE ULTIMATE RESPONSIBILITY AMONG SUCH INDEMNITORS FOR THE LOSS AND EXPENSE OF ANY SUCH INDEMNIFICATION SHALL BE SETTLED BY SEPARATE PROCEEDINGS AND WITHOUT JEOPARDY TO ANY INDEMNITEE. THE PROVISIONS OF THIS ARTICLE SHALL NOT BE CONSTRUED TO ELIMINATE OR REDUCE ANY OTHER INDEMNIFICATION OR RIGHT WHICH OWNER OR ANY OF THE INDEMNITEES HAS BY LAW.

11.2 The indemnities contained herein shall survive the termination of this Agreement for any reason whatsoever.

ARTICLE 12 SPECIAL WARRANTIES

12.1 Contractor represents and agrees that there are no obligations, commitments, or impediments of any kind that will limit or prevent performance of its obligations under this Agreement.

12.2 Contractor represents and agrees that the individual executing this Agreement on behalf of Contractor has been duly authorized to act for and to bind Contractor to its terms.

12.3 Contractor warrants, represents, and agrees that if (i) it is a corporation or limited liability company, that is duly organized, validly existing and in good standing under the laws of the State of Texas, or a foreign corporation or limited liability company duly authorized and in good standing to conduct business in the State of Texas, that it has all necessary corporate power and has received all necessary corporate approvals to execute and deliver the Agreement, and the individual executing the Agreement on behalf of Contractor has been duly authorized to act for and bind Contractor; or (ii) if it is a partnership, limited partnership, or limited liability partnership, then it has all necessary partnership power and has secured all necessary approvals to execute and deliver this Agreement and perform all its obligations hereunder; and the individual executing this Agreement on behalf of Contractor has been duly authorized to act for and bind Contractor.

12.4 Neither the execution and delivery of this Agreement by Contractor nor the performance of its obligations hereunder will result in the violation of any provision, if a corporation, of its articles of incorporation or by-laws, if a limited liability company, of its articles of organization or regulations, or if a partnership, by any partnership agreement by which Contractor is bound, or any agreement by which Contractor is bound or to the best of the Contractor's knowledge and belief, will conflict with any order or decree of any court or governmental instrumentality relating to Contractor.

12.5 Except for the obligation of Owner to pay Contractor the Contract Sum pursuant to the terms of this Agreement, and to perform certain other obligations pursuant to the terms and conditions explicitly set forth herein, Owner shall have no liability to Contractor or to anyone claiming through or under Contractor by reason of the execution or performance of this Agreement. Notwithstanding any obligation or liability of Owner to Contractor, no present or future partner or affiliate of Owner or any agent, officer, director, or employee of Owner, Williamson County, or of the various departments comprising Williamson County, or anyone claiming under Owner has or shall have any personal

liability to Contractor or to anyone claming through or under Contractor by reason of the execution or performance of this Agreement.

ARTICLE 13 CERTIFICATION OF NO ASBESTOS CONTAINING MATERIALS OR WORK

The Contractor shall provide at Substantial Completion, a notarized affidavit to the Owner and the Architect stating that no asbestos containing materials or work was provided, installed, furnished or added to the Project.

ARTICLE 14 TERMINATION

14.1 Termination for Cause. If either party commits an Event of Breach (a breach of any of the covenants, terms and/or conditions of this Agreement), the non-breaching party shall deliver written notice of such Event of Breach to the breaching party. Such notice must specify the nature of the Event of Breach and inform the breaching party that unless the Event of Breach is cured within three (3) business days of receipt of the notice, additional steps may be taken to terminate this Agreement. If the breaching party begins a good faith attempt to cure the Event of Breach within three (3) business days, then and in that instance, the three (3) business day period may be extended by the non-breaching party, so long as the breaching party continues to prosecute a cure diligently to completion and continues to make a good faith attempt to cure the Event of Breach. If, in the opinion of the non-breaching party, the breaching party does not cure the breach within three (3) business days or otherwise fails to make any diligent attempt to correct the Event of Breach, the breaching party shall be deemed to be in breach and the non-breaching party may, in addition to seeking the remedies available hereunder and under the law, terminate this Agreement.

14.2 Termination for Convenience. The Owner may terminate this Agreement for convenience and without cause or further liability upon thirty (30) days written notice to Contractor. In the event of such termination, it is understood and agreed that only the amounts due to Contractor for goods, commodities and/or services provided and expenses incurred to and including the date of termination, will be due and payable. No penalty will be assessed for Owner's termination of this Agreement for convenience.

ARTICLE 15 MISCELLANEOUS PROVISIONS

15.1 Assignment; Successors and Assigns. This Agreement is a personal service contract for the services of Contractor, and Contractor's interest in this Agreement, duties hereunder and/or fees due hereunder may not be assigned or delegated to a third party. This Agreement shall be binding upon and inure to the benefit of parties hereto and their respective successors and assigns.

15.2 Captions. The captions of paragraphs in this Agreement are for convenience only and shall not be considered or referred to in resolving questions of interpretation or construction.

15.3 Governing Law and Venue. This Agreement and all of the rights and obligations of the parties and all of the terms and conditions shall be construed, interpreted and applied in accordance with and governed by and enforced under the laws of the State of Texas without reference to its conflicts of law provisions. Williamson County where the Project is located shall be the sole place of venue for any legal action arising from or related to this Agreement or the Project in which the Owner is a party.

15.4 Waivers. No delay or omission by either party in exercising any right or power arising from non-compliance or failure of performance by the other party with any of the provisions of this

Agreement shall impair or constitute a waiver of any such right or power. A waiver by either party of any covenant or condition of this Agreement shall not be construed as a waiver of any subsequent breach of that or of any other covenant or condition of the Agreement.

15.5 Interpretation. In the event of any dispute over the meaning or application of any provision of the Contract Documents, the Contract Documents shall be interpreted fairly and reasonably, and neither more strongly for or against any party, regardless of the actual drafter of the Contract Documents.

15.6 Binding Effect. This Agreement shall be binding upon and inure to the benefit of the parties and their respective permitted assigns and successors.

15.7 Appointment. Owner hereby expressly reserves the right from time to time to designate by notice to Contractor a representative(s) to act partially or wholly for Owner in connection with the performance of Owner's obligations. Contractor shall act only upon instructions from the designated representative(s) unless otherwise specifically notified to the contrary.

15.8 Records. Contractor agrees that Owner or its duly authorized representatives shall, until the expiration of three (3) years after final payment under this Agreement, have access to and the right to examine and photocopy any and all books, documents, papers and records of Contractor which are directly pertinent to the services to be performed under this Agreement for the purposes of making audits, examinations, excerpts, and transcriptions. Contractor agrees that Owner shall have access during normal working hours to all necessary Contractor facilities and shall be provided adequate and appropriate work space in order to conduct audits in compliance with the provisions of this section. Owner shall give Contractor reasonable advance notice of intended audits.

15.9 Severability. Should any term or provision of this Agreement be held invalid or unenforceable in any respect, the remaining terms and provisions shall not be affected and this Agreement shall be construed as if the invalid or unenforceable term or provision had never been included.

15.10 No Waiver of Immunities. Nothing in this Agreement shall be deemed to waive, modify or amend any legal defense available at law or in equity to Owner, its past or present officers, employees, or agents, nor to create any legal rights or claim on behalf of any third party. Owner does not waive, modify, or alter to any extent whatsoever the availability of the defense of governmental immunity under the laws of the State of Texas and of the United States.

15.11 Current Revenues. Under Texas law, a contract with a governmental entity that contains a claim against future revenues is void; therefore, each party paying for the performance of governmental functions or services must make those payments from current revenues available to the paying party.

15.12 Compliance with Laws. Contractor shall comply with all federal, state, and local laws, statutes, ordinances, rules and regulations, and the orders and decrees of any courts or administrative bodies or tribunals in any matter affecting the performance of this Agreement, including, without limitation, Worker’s Compensation laws, minimum and maximum salary and wage statutes and regulations, licensing laws and regulations. When required, Contractor shall furnish the County with certification of compliance with said laws, statutes, ordinances, rules, regulations, orders, and decrees above specified.

15.13 Sales and Use Tax Exemption. Owner is a body corporate and politic under the laws of the State of Texas and claims exemption from sales and use taxes under Texas Tax Code Ann. § 151.309, as amended.

15.14 Texas Public Information Act. To the extent, if any, that any provision in this Agreement is in conflict with Tex. Gov't Code 552.001 *et seq.*, as amended (the "Public Information Act"), the same shall be of no force or effect. Furthermore, it is expressly understood and agreed that Owner, its officers and employees may request advice, decisions and opinions of the Attorney General of the State of Texas in regard to the application of the Public Information Act to any information or data furnished to Owner whether or not the same are available to the public. It is further understood that Owner, its officers and employees shall have the right to rely on the advice, decisions and opinions of the Attorney General, and that Owner, its officers and employees shall have no liability or obligation to Contractor for the disclosure to the public, or to any person or persons, of any software or a part thereof, or other items or data furnished to Owner by Contractor in reliance of any advice, decision or opinion of the Attorney General of the State of Texas.

15.15 Force Majeure. If the party obligated to perform is prevented from performance by an act of war, order of legal authority, act of God, or other unavoidable cause not attributable to the fault or negligence of said party, the other party shall grant such party relief from the performance of this Agreement. The burden of proof for the need of such relief shall rest upon the party obligated to perform. To obtain release based on force majeure, the party obligated to perform shall file a written request with the other party.

15.16 Equal Opportunity in Employment. The parties to this Agreement agree that during the performance of the services under this Agreement they will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The parties to this Agreement will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex or national origin. Such action shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; termination; rates of pay or other forms of compensation, and selection for training, including apprenticeship.

15.17 Reports of Accidents. Within 24 hours after Contractor becomes aware of the occurrence of any accident or other event which results in, or might result in, injury to the person or property of any third person (other than an employee of the Contractor), whether or not it results from or involves any action or failure to act by the Contractor or any employee or agent of the Contractor and which arises in any manner from the performance of this Agreement, the Contractor shall send a written report of such accident or other event to the County, setting forth a full and concise statement of the facts pertaining thereto. The Contractor shall also immediately send the County a copy of any summons, subpoena, notice, or other documents served upon the Contractor, its agents, employees, or representatives, or received by it or them, in connection with any matter before any court arising in any manner from the Contractor's performance of work under this Agreement.

15.18 Relationship of the Parties. Each party to this Agreement, in the performance of this Agreement, shall act in an individual capacity and not as agents, employees, partners, joint ventures or associates of one another. The employees or agents of one party shall not be deemed or construed to be the employees or agents of the other party for any purposes whatsoever.

15.19 Appropriation of Funds by Owner. Owner believes it has sufficient funds currently available and authorized for expenditure to finance the costs of this Agreement. Contractor understands and agrees that the Owner's payment of amounts under this Agreement is contingent on the Owner

receiving appropriations or other expenditure authority sufficient to allow the Owner, in the exercise of reasonable administrative discretion, to continue to make payments under this Agreement.

15.20 Execution in Counterparts. This Agreement may be executed in counterparts, each of which, when executed and delivered, shall be deemed to be an original and all of which together shall constitute one and the same document.

15.21 Entire Agreement. This Agreement represents the entire and integrated agreement between the parties hereto and supersedes all prior negotiations, representations, or agreements, either oral or written. This Agreement may be amended only by written instrument signed by each party to this Agreement. NO OFFICIAL, EMPLOYEE, AGENT, OR REPRESENTATIVE OF THE OWNER HAS ANY AUTHORITY, EITHER EXPRESS OR IMPLIED, TO AMEND THIS AGREEMENT, EXCEPT PURSUANT TO SUCH EXPRESS AUTHORITY AS MAY BE GRANTED BY THE WILLIAMSON COUNTY COMMISSIONERS COURT.

ARTICLE 16 NOTICES

Notices. All notices, consents, approvals, demands, requests or other communications relied on by the parties shall be in writing. Written notice shall be deemed to have been given when delivered in person to the designated representative of the Contractor or Owner for whom it is intended, as set out below or sent by U. S. Mail to the designated representative of the Contractor or Owner for whom it is intended, as set out below. Mail notices are deemed effective upon receipt or on the third business day after the date of mailing, whichever is sooner.

If to Owner:
Williamson County Judge (or successor)
710 Main Street, Ste. 101
Georgetown, Texas 78626

with copy to:
Honorable Jana Duty (or successor)
Williamson County Attorney
405 M.L.K. Street, Box #7
Georgetown, Texas 78626

If to Contractor:
_____
_____
_____ _____

The parties may make reasonable changes in the person or place designated for receipt of notices upon advance written notice to the other party.

Party Representatives

The Owner's Designated Representative authorized to act in the Owner's behalf with respect to the Project is:

_____
_____
_____ _____
Phone (512) _____
Fax (512) _____

The Contractor's designated representative authorized to act on the Contractor's behalf and bind the Contractor with respect to the Project is:

_____
_____
_____ _____
Phone _____
Fax _____

The parties may make reasonable changes in their designated representatives upon advance written notice to the other party.

BY SIGNING BELOW, the Parties have executed and bound themselves to this Agreement as of the day and year first above written.

WILLIAMSON COUNTY Williamson County, Texas,	_____, a Texas _____,
By: _____	By: _____
Printed Name: _____	Printed Name: _____
Title: _____	Title: _____
ATTEST:	ATTEST:
By: _____	By: _____
Printed Name: _____	Printed Name: _____
Title: _____	Title: _____

(Intentionally Left Blank)

SECTION 031000 CONCRETE FORMWORK

PART 1 - GENERAL

1.01 SECTION INCLUDES
- A. Formwork for cast-in-place concrete, with shoring, bracing and anchorage.
- B. Openings for other work.
- C. Form accessories.
- D. Form stripping.

1.02 RELATED SECTIONS
- A. Section 032000 - Concrete Reinforcement.
- B. Section 033000 - Cast-in-Place Concrete.
- C. Section 072600 - Under - Slab Vapor Barrier

1.03 REFERENCES
- A. American Concrete Institute (ACI):
  - 1 . ACI 117-90 Specifications for Tolerances for Concrete Construction and Materials.
  - 2. ACI 301-96 Specification for Structural Concrete for Buildings.
  - 3. ACI 318-95 Building Code Requirements for Reinforced Concrete.
  - 4. ACI 347 -(R94) Recommended Practice For Concrete Formwork.
- B. American Plywood Association (APA):
  - 1. APA Plywood Design Specification, Form No. Y51 OL, August, 1986.
  - 2. APA Design/Construction Guide, Concrete Forming, Form No. V345S, Sept, 1996.
- C. National Forest Products Association (NFPA).
  - 1. National Design Specification for Wood Construction, 1986 Editions with 1990 Revisions.
  - 2, Design Values for Wood Construction, January 1986, with 1990 Revisions.

1 .04 CONTRACTOR RESPONSIBILITY
- A. Formwork design and engineering.
- B. Construction of formwork, shoring, removal of forms, and re-shoring.
- C. Providing a safe structure at all times and insuring safety to human life and property.

1.05 DESIGN REQUIREMENTS:
- A. General: In accordance with the references.
- B. Design: Design formwork to withstand applicable hydrostatic pressure of concrete plus dead weight, construction loads and vibrations.
- B. Limit deflection of studs and whalers to 1/400 of the span for architectural concrete and 1/360 of the span for other concrete. limit deflection of form facing material exposed to view to 1/240 of the span.
- C. Build adequate supports into forms for:
  - 1. load concentrations
  - 2. external vibrations

1.06 SUBMITTALS

A. Submit under provisions of Section 01300.

B. Shop Drawings:

1. location of columns and beams by dimension.
2. Use the structural member designation system used on the Drawings.
3. Joint locations and details.
4. Size and locations of sleeves, blockouts, and slab penetrations. Shoring and support layout.
5. Reshoring layout.
6. Indicate:
   a. Form materials, types, and thickness.
   b. Form tying system and layout.
   c. Form accessories.
   d. Details to be used at sleeves, blockouts, and slab penetrations.
   e. Type and capacity of shores, supports, and reshores.
7. Reshoring procedure.
8. All shop drawings to be signed, dated and sealed by the formwork designer.
9. Product Data: Manufacturer's product specifications and installation instructions for manufactured products, including form sealer and release agent.
10. Concrete Strength Tests: Testing laboratory's reports for testing required in this Section.

1.07 QUALITY ASSURANCE

A. Perform Work in accordance with ACI 301.

B. Maintain one. copy of ACI 301 on site.

1.08 QUALIFICATIONS

A. Form Work Designer: Design formwork under direct supervision of a Professional Structural Engineer experienced in design of this work and licensed in the State of Texas.

1.09 REGULATORY REQUIREMENTS

A. Conform to ACI301 for design, fabrication, erection and removal of formwork.

1.10 DELIVERY, STORAGE, AND HANDLING

A. Deliver, store, and handle formwork materials and accessories at the site to prevent any damage.

Store formwork materials and accessories off ground in ventilated and protected manner to prevent deterioration from moisture.

1.11 COORDINATION

A. Coordinate this Section with other Sections of work, which require attachment of components to formwork.

B. If formwork is placed after reinforcement results in concrete cover over reinforcement that is insufficient, request instructions from Architect/Engineer before proceeding.

PART 2 - PRODUCTS

2.01 WOOD FORM MATERIALS

A. Plywood: APA B-B Plyform Class I, Exterior Grade, mill oiled and edge sealed.
B. Lumber: Southern Pine species; Select Structural No. 2 grade or better with grade stamp clearly visible, and conforming to NFPA design values for visually graded lumber ..

2.02 PREFABRICATED FORMS

A. Preformed Steel Forms: Minimum 16 gage matched, tight fitting and stiffened to support weight of concrete without deflection detrimental to tolerances and appearance of finished surfaces.

2.03 FORMWORK ACCESSORIES

A. Form Release Agent:
   1. EUCO-SUP, Euclid Chemical Company.
   2. DUOGARD, W.R. Meadows, Inc.
   3. DEBOND, l&M Chemical Company
B. Corners: Chamfered using wooden strip.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Verification of Conditions: Examine substrate and conditions under which concrete formwork is to be performed. Have the installer notify the Contractor in writing, with a copy to the Architect, if substrate is unsatisfactory. Do not begin the work until unsatisfactory conditions have been corrected in a manner acceptable to installer. Beginning of work indicates acceptance of the substrate as satisfactory by the installer.

3.02 INSTALLATION

A. General: In accordance with ACI 301, Design, erect, support, brace and maintain formwork to support vertical and lateral loads which might be applied until such loads can be supported by the concrete structure.
   1. Construct formwork so that concrete members and structures are of correct size, shape, alignment, elevation and position.
   2. Form Construction:
      a. Fabrication: Fabricate forms for easy removal without hammering or prying against concrete surfaces.
      b. Provide crush plates or wrecking plates where stripping may damage cost concrete surfaces.
      c. Provide top forms for inclined surfaces where slope is too steep to place concrete with bottom forms only.

d. Form exposed corners of beams and columns with beveled chamfer strips.
e. Kerf wood inserts for forming keyways, reglets, and recesses to ease removal.
f. Provide camber in formwork as indicated on the Drawings.

3. Support: Provide bracing to ensure stability of formwork.
a. Erect and maintain bracing to support vertical, lateral, and asymmetrical loads until such loading can be supported by inplace concrete structures.
b. Provide shores and struts with means of adjustment capable of taking up formwork settlement occurring during placement of concrete, using wedges, jacks, or a combination there of.

4. Provisions for Other Trades:
a. Provide openings in concrete formwork to accommodate work of other trades.
b. Accurately place and securely support items to be built into forms.

5. Temporary Openings:
a. Provide temporary openings in formwork where interior area IS inaccessible for:
Clean out.
b. Inspection before concrete placement.
c. Concrete placement.
d. Provide temporary openings at the base of column and wall forms.
e. Position temporary openings in an inconspicuous location.
f. Brace closures of temporary openings and set tightly to forms to prevent loss of concrete mortar.
g. Preparation and Tightening: Thoroughly clean forms and adjacent surfaces to receive concrete.
i. Form Surface Treatment:
a. Before placing reinforcing steel or concrete, coat the form surfaces with a material that will effectively prevent absorption of moisture, prevent bond with concrete, and not stain concrete.
b. A field applied form release agent or factory applied nonabsorptive liner may be used.
c. Do not allow form release agent to stand in puddles, come into contact with reinforcing steel or hardened concrete against which fresh concrete is to be placed.
d. Remove loose metal, wood chips, sawdust, dirt, trash, and other debris just prior to concrete placement.
ii. Re-tighten forms during and immediately after concrete placement to eliminate mortar leaks.

B. Installation Tolerances:
1 . Construct formwork in accordance with tolerances specified in ACI 117.

2. Regardless of specified tolerances construct building so that no part extends beyond the legal boundaries of the project.

C. Installation of Embedded Items:
1. General: Set and build into the work anchorage devices, inserts, and other embedded items required for material attached to or supported by cast-in-place concrete.
2. Use setting drawings, diagrams, instructions, and directions provided by suppliers of the items to be attached.
3. Do not place embedded items in any manner that will displace or interfere with the reinforcing steel
4. Conduit: Embed all electrical conduit in slabs.
5. Wire conduit inside layers of reinforcement.
6. Wire conduit to reinforcement perpendicular to the conduit. Do not wire to parallel reinforcement.
7. Separate parallel conduit by 2 inches, minimum.
8. Waterstops: Install in greatest .continuous lengths possible. Do not displace concrete reinforcement.
   a. Splice waterstops in accordance with manufacturer's recommendations.

9. Junction Boxes:
   a. Boxes of any depth may be located in slabs, beam soffits, and headers.
   b. Do not locate in joist soffits.
   c. Provide header to accommodate junction boxes over 2 1/4 inches deep.

D. Removal of Forms:
1. Formwork supporting weight of concrete: Including but not limited to beam, girder, and slab forms.
   a. Remove forms after concrete has attained 70% of its design compressive strength.
   b. Concrete strength is determined using field cured concrete cylinders.
   c. Formwork not supporting weight of concrete: Including but not limited to sides of beams, walls, and columns.
2. Remove forms after concrete has been in place and curing at not less than 50 degrees (F) for 24 hours and providing concrete is sufficiently hard so as not to be damaged by form removal.
3. Form Ties: Break back snap ties and remove pull ties.

3.03 FIELD QUALITY CONTROL

A. Removal based on strength of concrete specimens: The concrete shall be presumed to have reached its 28 day strength or specified percentage thereof when concrete tests mode using either of the following indicates the strength has been achieved.
1. Testing based on field cured test cylinders.

B. Except for field curing and age at test, mold and test specimens as specified in Section Cast-tn-Place Concrete.

1. Field cure specimens under the most unfavorable conditions prevailing for any portion of the concrete represented.
2. Testing based on laboratory cured test cylinders.
3. Except for age at test, mould, cure, and test specimens as specified in Section Cast-tn-Place Concrete.
4. Test specimens at an age that is equal to the length of time that the in-place formed concrete has been cured as specified in Section 03300, Cast-tn-Place Concrete.
5. Determine the length of time the in-place formed concrete has cured by the cumulative number of days or fractions thereof, not necessarily consecutive, during which:
   (1) The temperature of the air in contact with the concrete is Above 50 degrees (F).
   (2) The concrete has been damp or sealed from evaporation and moisture loss by a membrane forming curing compound or in prace formwork.
6. The result of a test is based on the average compressive strength of two specimens.

Obtaining, curing, and testing of concrete cylinders, other than those required for field quality control in Section Cast-In-Place Concrete, is at the Contractor's option and expense.

END OF SECTION

SECTION 03200 CONCRETE REINFORCEMENT

PART 1 - GENERAL

1.01 SECTION INCLUDES
- A. Reinforcing steel bars, wire fabric and accessories for cast-in-place concrete.

1.02 RELATED SECTIONS
- A. Section 031 00 - Concrete Formwork.
- B. Section 03300 - Cast-in-Place Concrete.
- C. Section 07260 - Under - Slab Vapor Barrier

1.03 REFERENCES
- A. American Concrete Institute (ACI):
  1. ACI 301-99 Specification for Structural Concrete for Buildings.
  2. ACI SP66 (94) Detailing Manual
- B. American Society for Testing and Materials (ASTM):
  1. ASTM A 108-81 (R88) - Steel Bars, Carbon, Cold Finished, Structural Quality.
  2. ANSl ASTM A185-94 Welded Steel Wire Fabric for Concrete Reinforcement.
  3. ASTM A496-94 Steel Wire, Deformed, for Concrete Reinforcement.
  4. ASTM A615-94 - Deformed and Plain Billet Steel Bars for Concrete Reinforcement.
  5. ASTM A706-92b low-Alloy Steel Deformed Bars for Concrete Re-inforcement.
  6. ASTM A 1116-89 - Fiber Reinforced Concrete and Shotcrete.
  7. ASTM D1751-83 Preformed Expansion Joint Filler for Concrete Paving and Structural Construction.
- C. American Welding Society (AWS):
  1. ANSI/AWS D1.1-96 - Structural Welding Code-Steel.
  2. ANSl/AWS D1.4-92 - Structural Welding Code-Reinforcing Steel.
  3. Concrete Reinforcing Steel Institute (CRSI):
  4. CRSI MSP- 1-97 - Manual· of Standard Practice, 26th Edition, January, 1997.
  5. CRSI Reinforcement Anchorage and Splices, 4th Edition, 1997.

1.04 SUBMITTALS
- A Submit under provisions of Section 01300.
- B. Shop Drawings:
  1. Indicate bar sizes, spacing, locations, and quantities of reinforcing steel and wire fabric.
  2. Bending and cutting schedules.
  3. Supporting and spacing devices.
  4. Use the same designation numbers for slabs, joists, beams, girders, columns, and footings as used on the Drawings.
  5. Detail beams and walls in elevation.
- C. Manufacturer's Certificate: Certify that products meet or exceed specified requirements.

D. Submit manufacturer's data and installation instructions for:
   1. Mechanical splice device.
   2. Headed concrete anchor.
   3. Deformed bar anchor.
E. Welder's qualification certificates.

1.05 QUALITY ASSURANCE

A Perform Work in accordance with CRSI Manual of Practice ACI 301 and ACI SP 66.
B. Submit certified copies of mill test report of reinforcement materials analysis.
C. Employ welders on the Work that have successfully qualified for the welding positions required in accordance with Chapter 6, Qualification, AWS D1.4 within the last 12 months. Welders are required to carry proof of their qualification on their person.

1.06 COORDINATION

A. Coordinate with placement of formwork, formed openings and other Work.

PART 2 - PRODUCTS

2:01 REINFORCEMENT

A. Reinforcing Steel: ASTM A615, 60-ksi yield grade; deformed billet steel bars.
B. Weldable Reinforcing Steel: ASTM A706, 60 ksi yield grade; deformed low-alloy steel bars.
C. Welded Steel Wire Fabric: ASTM A185 Plain Type; flat sheets.
D. Fiber Reinforcement: ASTM C-1116 type III.
   1 . Use only 100 per cent virgin polypropylene, fibrillated fibers specifically manufactured for use as concrete secondary reinforcement.
   2. Do not use fibers containing reprocessed olefin materials.
   3. Minimum volume per cubic yard of concrete: 0.1 percent (1.5 pounds).
   4. Fiber length: 1/2 or 3/4 inch.
E. Headed Concrete Anchors:
   1. Flux filled.
   2. Made from cold drawn steel in accordance with ASTM A 108, grades C-1010 through C-l 020, yield strength, 50 ksi.
F. Deformed Bar Anchors:
   1. Flux filled.
   2. Made from cold drawn steel in accordance with ASTM A-108, yield strength, 70-ksi.
   3. Deformed in accordance with ASTM A-496.

2.02 ACCESSORY MATERIALS

A. Tie Wire: Minimum 16 gage annealed type.
B. Bar Support: Includes spacers, chairs, bolsters, ties and other devices for spacing, supporting and fastening reinforcement in place.
   1. General: In accordance with CRSI Manual of Standard Practice.
   2. Factory made.
   3. Use bar support heights that produce the concrete cover called for on the Drawings.

4. Use bar supports capable of supporting construction loads without permanent deflection.
5. Spacing: At 4 feet maximum with first support 2 feet from end of bar supported.

C. Exposed Concrete: Provide supports in contact with formwork that are:
1. High density all plastic (CRSI Class 1).
2. Stainless steel protected (CRSI Class 2).

D. Typical support types and minimum configurations.
1. Joist chairs: 3 leg, 3-position type, 6-ga. wire.
a. Beam and slab bolsters: continuous, type 7 -go. Wire or cementitious fiber reinforced.
2. Individual high chairs:
a. legs 5 inch and under: 2-ga. wire, or high density all plastic.
b. legs 5 to 12 inches: 0-ga. wire.
3. Do not use individual high choirs with legs over 12 inches.
4. Vertical reinforcement: wheel type, high density all plastic.
5. Supports bearing on earth.
a . Precast concrete blocks.
b. Support specifically designed for this purpose, e.g. with sand plates.

E. Mechanical Splices: Install in strict accordance to manufacturer's recommendations.
1 . Coupler Splice Devices: Use one of the following complying with requirements of ACI 318, Section 12.14.3.4. Submit for approval.
a. Erico Products, Inc., Cadweld
b. Erico Products, Inc., Lenton taper threaded connector.
2. End Bearing Splice Device: Use one of the following complying with requirements of ACI 318, Section 12.16.4. Submit for approval.
a. Erico Products Inc., Speed Sleeve
2. Gateway Erectors Inc., G-loc.
3. Stricon Products ltd., Pre-Set
4. Substitutions: Under provisions of Section 01630.
5. Slab-On-Grade Expansion Joint Filler: conforming to ASTM D1751.
6. Non-extruded bituminous type
7. Slab-On-Grade Construction Joint: Minimum 24 go. galvanized steel with formed tongue and groove keyed joint, full depth of slab. Furnish complete with stake pins.

F. Expansion Bolts:
1. Install in strict accordance with manufacturer's recommendations.
2. Acceptable manufacturer's:
a. Hilti Fastening Systems Inc., Hilti Kwik Bolt II, Carbon Steel.
b. IIW Ramset/Red Head, Trubolt, Carbon Steel.
c. Simpson Strong-Tie Company, Inc., Wedge-All.

G. Adhesive Anchor:
1 . Install in strict accordance with manufacturer's recommendations.
2. Acceptable manufacturer's:
a. Hilti Fastening Systems Inc., HIT HY 150 Injection Adhesive Anchor.

b. IIW Ramset/Red Head, EPCON Ceramic 6 Epoxy Anchoring System.
c. Simpson Strong-Tie Company, Inc., Epoxy-Tie Adhesive System.
d. Substitutions: Under provisions of Section 01630.

2.03 FABRICATION

A Fabricate concrete reinforcing in accordance with CRSI Manual of Standard Practice.
B. locate reinforcing splices where indicated on Drawings.

PART 3 - EXECUTION

3.01 PLACEMENT

A Place, support and secure reinforcement against displacement. Do not deviate from required position.
B. Do not displace or damage vapor barrier.
C. Accommodate placement of formed openings.
D. Conform to ACI 318 for concrete cover over reinforcement.

3.02 WELDING

A. Reinforcing Bars:
1. General: Welding of reinforcing bars is only permitted at locations expressly detailed or permitted in writing by the Structural Engineer.
2. Execute all welding in accordance with AWS 01.4.
3. Provide reinforcing bars conforming to ASTM A 706 for welding unless permitted in writing by the Structural Engineer.
4. Welding of crossing bars (tack welding) is prohibited.
B. Headed concrete anchors and deformed bar anchors:
1. Install in strict accordance to manufacturer's recommendations, and in accordance with Chapter 7, Stud Welding, AWS 01.1.

3.03 FIELD QUALITY CONTROL

A. Notify the Architect 24 hours, minimum, prior to concrete placement to allow time for review of installation of all concrete reinforcement.
B. The Engineer or his representative will review installation of concrete reinforcement.
C. Correction of reinforcement not installed in accordance with the Contract Documents is the Contractor's responsibility.
D. Inspect installation of headed concrete anchors and deformed bar anchors in accordance with Chapter 7, Stud Welding, AWS 01.1.

END OF SECTION

SECTION 03300 CAST -IN-PLACE CONCRETE

PART 1 - GENERAL

1.01 SECTION INCLUDES

A. Cast-in-place Concrete
   1. Floors.
B. Slabs on grade.
C. Control and expansion joint devices associated with concrete work.
D. Equipment pads.

1.02 RELATED SECTIONS

A. Section 031 00 - Concrete Formwork
B. Section 03200 - Concrete Reinforcement.
C. Section 07260 - Under - Slab Vapor Barrier

1.03 REFERENCES

A. American Concrete Institute (ACI):
   1. ACI 117-90 Specifications for Tolerances for Concrete Construction and Materials.
   2. ACI 301-96 Specification for Structural Concrete for Buildings.
   3. ACI 302.1 R-96 Guide for Concrete Floor and Slab Construction.
   4. ACI 304R-00 Recommended Practice for Measuring, Mixing, Transporting and Placing Concrete.
   5. ACI 304.2 R-96 Revised 1985 Placing Concrete by Pumping Methods.
   6. ACI 304.5 R-91 Botching, Mixing, and Job Control of Lightweight Concrete
   7. AC1305R-91 Revised 1982 Hot Weather Concreting.
   8. ACI 306R-88 Revised 1983 Cold Weather Concreting.
   9. ACI 308-92 Standard Practice for Curing Concrete.
   10. ACI 318-95 Building Code Requirements for Reinforced Concrete.
   11. SP- 15 (95), field reference manual, specifications for structural concrete buildings, ACI301-89 with selected ACI and ASTM references.
B. American Society for Testing and Materials (ASTM):
   1. ANSI ASTM D1751-04 Preformed Expansion Joint Fillers for Concrete Paving and Structural Construction (Non-extruding and Resilient Bituminous Types).
   2. ASTM C31-95 Method of Making and Curing Concrete Test Specimens in the Field.
   3. ASTM C33-93 Concrete Aggregates.
   4. ASTM C94-94b Ready-Mixed Concrete.
   5. ASTM C143-90a Test Method for Slump of Portland Cement Concrete.
   6. ASTM C150-95a Portland Cement.
   7. ASTM C171-92 (1986) Specification for Sheet Materials for Curing Concrete.
   8. ASTM C173-94 Test Method for Air Content of Freshly Mixed Concrete by the Volumetric Method.
   9. ASTM C230-03 Flow Table for Use in Tests of Hydraulic Cements.
   10. ASTM C231-91b Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method.
   11. ASTM C260-94 Air Entraining Admixtures for Concrete.
   12. ASTM C494-92 Chemical Admixtures for Concrete.
   13. ASTM C618-94a Fly Ash and Raw or Cakinated Natural Pozzolan for Use as a Mineral Admixture in Portland Cement Concrete.
   14. ASTM C469-02 Static Modulus of Elasticity and Poisson's Ratio of Concrete in Compression.

15. ASTM E 1155-96 Standard test method for determining floor flatness and levelness using the F-number system.

C. Department of the Army, U.S. Army Corps of Engineers (USACE)
1. CRD - C611 -89 Flow of Grout for Preplaced-Aggregate Concrete (Flow Cone Method).
2. CRD - C621-88 Specification for Non Shrink Grout.

1.04 SUBMITTALS
A. Submit under provisions of Section 01300.
B. Product Data
1 . Mix design for each class of concrete.
a. Fully document proposed materials and mix designs.
b. Submit mix design for review by testing laboratory.
c. Submit mix design and documentation 56 days, minimum, prior to use in field.
2. Manufacturer's recommendations for use of admixtures and cunng compound.
C. Quality Control Submittals: Submit two copies plus the number the contractor wants returned.
1 . Mill test of portland cement.
2. Aggregate tests.
3. Field cast cylinders. See Field Quality Control.
4. Floor finish tolerance:
5. Report of flatness and levelness test results for each test area.
6. Layout of test sections and sample measurement lines with each test area. Provide layout before start of testing operations.

1.05 PROJECT RECORD DOCUMENTS
A. Accurately record actual locations of embedded utilities and components which are concealed from view.

1.06 QUALITY ASSURANCE
A. Field References: Maintain one copy of each reference listed below in Contractors field office at all times.
B. SP-15, Field Reference Manual.
C. Perform Work in accordance with ACI 301.
D. Acquire cement and aggregate from same source for all work.
E. Conform to ACI 305R when concreting during hot weather.
F. Conform to ACI 306R when concreting during cold weather.

1.07 COORDINATION
A. Coordinate the placement of joint devices with erection of concrete formwork and placement of form accessories.

PART 2 - PRODUCTS

2.01 CONCRETE MATERIALS
A. Cement: ASTM C150, Type I or III, natural color.
B. Aggregate:
1. Normal Weight
2. Fine Aggregate: Quartz sand free of sulfates ASTM C33.
3. Coarse Aggregate: ASTM C33.
4. Water: clean, potable, and free from deleterious amounts of acids, alkalies, or organic materials.

2.02 ADMIXTURES

A. General: Do not use calcium chloride or admixtures containing more than 0.1 % chloride ions.
B. Air Entraining: ASTM C260.
C. Water-Reducing ASTM C494, Type A.
D. Water-Reducing and Retarding: ASTM C494, Type D.
E. High Range Water-Reducing (Superplasticizer): ASTM C494, Type For G.
1. The Euclid Chemical Company:
a. Type F: Eucon-37.
b. Type G: Eucon-537.
2. Grace Construction Products:
a. Type F: Daracem-l00.
b. Type G: Daracem-l00.
3. Master Builders Technologies:
a. Type F: Rheobuild 1000.
b. Type G: Rheobuild 716.
4. Substitutions: Under provisions of Section 01630.
F. Fly Ash: ASTM C618, Type C or F.
1. Use when permitted by Architect.
2. Limit use to not exceed 25% of cement content by weight.

2.03 ACCESSORIES
A. Bonding Agent: Polymer resin emulsion, polyvinyl acetate, latex emulsion.
B. Vapor Barrier: Polyethylene sheeting, 6 mils thick.
C. Curing Materials:
1. Moisture retaining sheet: One of the following, complying with ASTM C 171-
2. Waterproof paper
3. Polyethylene film
4. Polyethylene-coated burlap
5. liquid membrane forming curing compound:
a. Use on a surface to be cured where:
i . A topping material will not be required to bond.
ii. A penetrating sealer will not be applied.
iii. Use one of the following:
a. L & M Chemicals, Inc. Dress & Seal 30.
b. Master Builders, Master Kure
c. Euclid Chemical Co., Super Rez-Seal.
d. Sonneborn Building Products, Kure-n-Seal 30.
iv. To be used where a topping material or penetrating sealer will be required to bond to the surface to which this material is applied. Use the following:
a. Euclid Chemical Company, Kurez DR.
D. Penetrating Sealer: Use one of the following:
1 . Master Builders, Masterseal SL
2. L & M Chemicals, Inc. Pentane
3. Harry S. Peterson Co., Inc., ISO Flex 618.

2.04 NON-SHRINK GROUT
A. Install in strict accordance to manufacturer's recommendations found in each manufacturer's data publication.
B. Acceptable Manufacturers:
1. Master Builders, Masterflow 928 Grout
a. Application: Fluid. installation consistency.
2. Master Builders, Construction Grout
b. Application: Stiff or plastic installation consistency.

3. The Euclid Chemical Company, Hi-Flow Grout
   a. Application: Fluid installation.
4. The Euclid Chemical Company, EUCO N-S Grout
   a. Application: Stiff or plastic installation consistency.
5. Burke, Non-ferrous, Non-shrink Grout
   a. Application: Fluid installation consistency.
6. Burke, Damp Pack Grout
   a. Application: Stiff of plastic installation consistency.
7. Substitutions: Under provisions of Section 01630.

C. Installation Consistency Criteria:
1. Fluid:
   a. Requires forming for installation.
   b. to 30 seconds flow by CRD-C611. Flow Cone Method.
2 . Plastic or Stiff:
   a. Does not require forming.
   b. Plastic: 100% flow by ASTM C 230-83.
   c. Stiff: 40% flow by ASTM C 230-83.

2.05 JOINT DEVICES AND FILLER MATERIALS

A. Joint Filler ASTM D1751; Asphalt impregnated fiberboard or felt, 1/2 inch thick; tongue and groove profile.

B. Construction Joint Devices for Slabs-On-Grade: Integral galvanized steel 24 gauge formed to tongue and groove profile, ribbed steel spikes with tongue to fit top screed edge.

C. Sealant and Primer: As specified in Section 07920.

2.06 CONCRETE MIX

A. Mix concrete in accordance with ACI 304. Deliver concrete in accordance with ASTM C94.

B. Concrete Mix Designs: C. Established concrete mix proportions on the basis of field experience or laboratory trial batches as specified in ACI 301 in Section 3.9, "Proportioning on the basis of previous field experience or trial mixtures," with the following exceptions:
1. The standard deviation is determined from tests of mixes that:
   a. Contain the same materials as mix designs for the proposed work.
   b. Represent concrete produced to meet the same design strength as that specified for the proposed work.
2. When acceptable field-test records or trial mixture data is not available, and, if approved by the Architect, the concrete mix proportions may be established as specified in ACI 301, Section 3.10, "Proportioning based on empirical data."
3. Retain an independent testing laboratory to conduct tests made on trial mixes used in proportioning concrete mixes for the proposed work.
4. Produce trial mixes within 12 months of submission of mix design for approval.

C. The following classes of concrete are required:

CLASS	MINIMUM COMPRESS IV E STRENGTH	ACCEPTANCE CRITERIA INTERVAL	SLUMP RANGEl	MINIMUM MODULUS OF ELASTICITY	ACCEPTANCE CRITERIA INTERVAL
	f 'c	f'c		E	E
	PSI	DAYS	IN	Xl 06 PSI	DAYS
A	5000	28	4 ± 1	N/A	N/A
B	4000	28	4 ± 1	N/A	N/A

D. Air Content: Provide concrete containing entrained air and conforming to ACI 301 when concrete will be subject to potentially destructive exposure (other than wear of loading) such as freezing and thawing, severe weathering, or deicing chemicals.
E. Provide concrete containing a maximum air content of 3% when used in interior slabs subject to abrasion.
F. Use accelerating admixtures in cold weather only when approved by Architect/Engineer. Use of admixtures will not relax cold weather placement requirements.
G. Use set retarding admixtures during hot weather only when approved by Architect/Engineer.

PART 3 - EXECUTION

3.01 EXAMINATION
A. Examine substrate and conditions under which concrete work is to be performed.
B. Have installer notify the Contractor in writing, with a copy to the Architect, if substrate is unsatisfactory.
C. Do not begin work until unsatisfactory conditions have been corrected in a manner acceptable to the installer.
D. Beginning of work indicates the substrate is acceptable and satisfactory to the installer.
E. Verify that reinforcement is in place, fastened, supported, protected against displacement, and that no reinforcement is touching formwork.
F. Verify that conduits, pipes, sleeves, inserts, hangers, steel equipment, grounds, anchors and work that is to be built into the concrete are accurately placed, positioned securely, and will not cause hardship in placing the concrete.

3.02 PREPARATION
A. General: In accordance with ACI 301.
B. Surface Preparation:
1. Remove debris and foreign matter from forms. Drain water from footing trenches and remove mud film and loose dirt.
2. Soak wood forms with water and coat metal and fiberglass forms with oil.
3. Notify Architect at least 24 hrs. before placing is begun.
4. Install vapor barrier under interior slabs on grade. Lap joints minimum 6 inches and seal watertight by taping edges and ends.
5. Install joint fillers, primer, and sealant in accordance with manufacturers instructions.

3.03 PLACING CONCRETE
A. General: Place concrete in accordance with ACI 301 and as specified in this section.
B. Mix and discharge concrete in such quantities as required for immediate use and place fresh before loss of slump occurs.
C. Completely discharge concrete within 1 1/2 hours or before drum has revolved 300 revolutions, whichever comes first, after introduction of the mixing water to the cement and aggregates or introduction of cement to the aggregates.
B. Transportation:
C. Transport concrete to point of final deposit by cart, buggy, conveyor, or pump. If concrete is to be transported more than 50 ft. in carts or buggies, equip them with pneumatic tires.
1. Move carts and buggies only on temporary runways built over the floor system. Do not allow runway supports to bear on reinforcement or fresh concrete.
D. Repair vapor barrier damaged during placement of concrete reinforcing. Repair with vapor barrier material; lap over damaged areas minimum 6 inches and seal watertight.
E. Install construction joint device in coordination with floor slab pattern placement sequence. Set top to required elevations. Secure to resist movement by wet concrete.

1. Install joint covers in longest practical length, when adjacent construction activity is complete.

F. Place concrete continuously between predetermined expansion, control, and construction joints.

G. Do not interrupt successive placement; do not permit cold joints to occur.

H. Saw cut joints in slab-on-grade as soon as the concretehas hardened sufficiently to prevent the aggreates from being dislodged by the sow. Complete the joint cutting activity before shrinkage stresses become sufficient to produce cracking.

1 . Using 3/16 inch thick blade, cut into 1/4 depth of slab thickness, unless noted otherwise on the drawings.

3.04 SEPARATE FLOOR TOPPINGS

A Prior to placing floor topping, remove deleterious material. Broom and vacuum clean.

B. Place required dividers, edge strips, reinforcing, and other items to be cast in.

1. Apply bonding agent to substrate in accordance with manufacturers instructions.

D. Place concrete floor toppings to required lines and levels.

3.05 FLOOR FINISH TOLERANCE

A. Interior Slabs

B. General: In accordance with ACI 302.1 R-89 and ASTM E 1155.

C. Testing laboratory to perform all tests and prepare reports for floor finish tolerance.

D. When ambient or slab temperatures are less than 40° (F.) or more than 100° (F.) obtain individual slab elevations manually. Electronic recording of readings outside of this temperature range is not acceptable unless a submittal from the manufacturer of the recording device stating a different accurate operating range is submitted to the engineer for review before using the equipment

E. Test layout: In accordance with ASTM E 1155.

1. Test area: Area of concrete placed in a continuous pour.

1. Test sections: Area bounded by grid lines, slab edges, or construction joints.

F. Sample measurement lines: As defined in ASTM E 1155.

G. Flatness and levelness tolerance:

1. Specified overall value (SOV):

2. Floor flatness = FF (SOV) = 22.

3. Floor levelness = Fl (SOV) = 18.

4. Minimum local value (MLV):

5. Floor flatness = FF (MLV) = 15.

6. Floor levelness = Fl (MLV) = 10.

H. Timeliness of tests:

1. Obtain floor tolerance measurements within 24 hours after slab installation.

2. Obtain measurements prior to removal of shores and forms supporting floor being measured.

3. Test reports for floor finish tolerance:

4. Provide report of test results to contractor and architect within 72 hours after slab installation.

5. Include in the report a running tabulation of all overall FF and overall Fl values of slabs installed to date.

6. Acceptance criteria: Remedial work may be required if either of the following is not met.

7. The composite value of the entire test area must be equal or greater than either the entire specified overall F-numbers.

I. The values for any test section must be equal or greater than either of the minimum local F-numbers. Exterior slabs

1 . Finish exterior slabs to drain freely.

2. Cut out and replace depressions that hold water.

3.06 CONCRETE FINISHING

A. Formed Surfaces
   1 . Formed concrete surfaces to be left exposed to view or to receive an applied finish, provide smooth rubbed finish.
   2. Formed surfaces not exposed to view or to receive an applied finish, provide rough form finish.

B. Finish concrete floor surfaces in accordance with ACI 301.
   1. Wood Float Finish: Surfaces to receive modified asphalt roof membrane system and surfaces to receive finishes applied with thickset tile or thickset stone.
   2. Smooth Troweled Finish: Surfaces to receive membrane waterproofing, EPDM fully adhered roof membrane, and all other surfaces whether scheduled to receive additional finish materials or not.
   3. Stamped Finish: Exterior patios and entrances noted on finish schedule and or drawings. Stamping pattern to be a wood grain look as selected by the Architect from the full range of stamping finishes.

3.07 CURING AND PROTECTION

A. Immediately after placement, protect concrete from premature drying, excessively hot or cold temperatures, and mechanical injury.

B. Maintain concrete with minimal moisture loss at relatively constant temperature for period necessary for hydration of cement and hardening of concrete.

C. Cure floor surfaces in accordance with ACI 308.
   1. Surfaces to receive roof membranes and membrane waterproofing: Moisture cure only; do not use curing compounds or penetrating sealer.
   2. Ponding: Maintain 100 percent coverage of water over floor slab areas continuously for 4 days.

F. Spraying: Spray water over floor slab areas and maintain wet for 7 days.

G. Membrane forming curing compound:
   1 . Flatwork: Coat with curing compound immediately after final troweling when surface water sheen has disappeared.
   2. Formed vertical surfaces: Apply immediately after form removal.

H. Apply sealing and curing compound to the following areas at substantial completion.
   1 . Mechanical rooms
   2. Electrical rooms
   3. Storerooms
   5. Any other concrete slab that will not to receive a finish material or surface treatment and will remain exposed.

I. Duration of curing procedures: Conform to paragraph 12.2.3 AC1301.

3.08 FIELD QUALITY CONTROL

A. Field testing will be performed in accordance with ACI 301

B. Provide free access to Work and cooperate with appointed firm.

C. Sampling of Concrete
   1. General: In accordance with ASTM C31 .
   2. Frequency: Obtain one set of test specimens for each 100 cu. yds., or fraction thereof, of each mix design placed in one day.
   3. Number of specimens in a set.
      a. Twenty-eight day acceptance criteria four 6x12 cylinders.

D. Site testing performed when each set of test specimens are made.
   1. Slump: In accordance with ASTM C143.
   2. Air Content: In accordance with ASTM C231, pressure method for normal weight concrete.

3. Temperature: Determine the ambient temperature and the temperature of the sample.

E. laboratory Testing
1. Unit weight.
2. Compressive strength verification: In accordance with ASTM C31.
3. Frequency of testing for compressive strength verification:
4. Twenty-eight day acceptance criteria:
5. One cylinder tested at seven days for information.
6. Two cylinders tested at twenty-eight days for acceptance.
7. One cylinder held in reserve.

F. Modulus of elasticity testing program
1 . For concrete classes A and B.
2. Test one specimen from the first ten sets of specimens for each concrete class.
3. Specimen curing:
a. Moist cure specimen for first ten accordance with ASTM C31.
b. Air cure specimen for time remaining until test.
4. Test specimen at ninety-one days.
5. Test for modulus of elasticity in accordance with ASTM C469.
6. Obtain concrete ultimate strength using same cylinder.

3.09 REPAIR OF SURFACE DEFECTS

A. General: Surface defects occur between the surface of the concrete and the first layer of reinforcement below.
B. Inspect concrete surfaces immediately upon removal of forms.
C. Excessive honeycombing or embedded debris in concrete is not acceptable.
1. Notify Architect/Engineer upon discovery.
D. After specific instructions by Architect/Engineer, patch imperfections In accordance with Chapter 9, Repair of Surface Defects, ACI 301.

3.10 DEFECTIVE CONCRETE

A. Defective Concrete: Concrete not conforming to required lines, details, dimensions, tolerances, specified requirements, or cold joints.
B. The Architect/Engineer will determine repair or replacement of defective concrete.
C. Do not patch, fill, touch-up, repair, or replace exposed concrete except upon express direction of Architect/Engineer for each individual area.

END OF SECTION

SECTION 033600 CONCRETE FINISHES

PART 1 GENERAL

1.1 SECTION INCLUDES

A. Concrete Floor Stain.

B. Concrete Floor Sealer.

C. Concrete Floor Wax.

D. Concrete Floor Polish.

1.2 RELATED SECTIONS

A. Section 03300 - Cast-in-Place Concrete.

1.3 REFERENCES

A. ASTM C 494 - Standard Specification for Chemical Admixtures for Concrete.

B. ASTM C 979 - Standard Specification for Pigments for Integrally Colored Concrete.

C. ASTM D 3359 - Standard Test Methods for Measuring Adhesion by Tape Test.

D. ASTM D 3363 - Standard Test Method for Film Hardness by Pencil Test.

E. South Coast Air Quality Management District (SCAQMD) Rule 1113 (2008).

1.4 SUBMITTALS

A. Submit under provisions of Section 01300.

B. Product Data: Manufacturer's data sheets on each product to be used, including:
   1. Preparation instructions and recommendations.
   2. Storage and handling requirements and recommendations.
   3. Installation methods.
   4. Maintenance Instructions.

C. Selection Samples: For each finish product specified, a sample of the manufacturer's full range of available colors and patterns.

D. Installer's Project References: List projects of similar type and scope completed successfully within the last three (3) years. Include project name and location, name of Architect, and type and quantity of material applied.

1.5 QUALITY ASSURANCE

A. Manufacturer Qualifications: All primary products specified in this section will be supplied by a single manufacturer with a minimum of ten (10) years experience.

B. Installer Qualifications: All products listed in this section are to be installed by a single installer with demonstrated experience in installing products of the same

type and scope as specified.

C. Pre-installation Meeting: Convene a pre-installation meeting before start of Work. Require attendance of parties directly affecting work of this section, including Contractor, Architect, and Applicator. Review surface preparation, application, protection, and coordination with adjacent surfaces.

D. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
   1. Mock-up areas designated by Architect.
   2. Do not proceed with remaining work until workmanship, color, and sheen are approved by Architect.
   3. Refinish mock-up area as required to produce acceptable completed project.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Store products in manufacturer's unopened packaging until ready for installation. Store materials in a clean, dry area indoors in accordance with manufacturer's instructions. Keep containers sealed until ready for use.

B. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.

1.7 PROJECT CONDITIONS

A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits. Do not apply materials in wet weather.

1.8 WARRANTY

A. At project closeout, provide to Owner or Owners Representative an executed copy of the manufacturer's standard limited warranty against manufacturing defect, outlining its terms, conditions, and exclusions from coverage.

PART 2 PRODUCTS

2.1 MANUFACTURERS

A. Acceptable Manufacturer: Kemiko Concrete Stains, which is located at: 6663 SW Beaverton-Hillsdale Hwy Suite 242 Portland OR 97225; Tel: 503-296-7756; Fax: 503-291-1753 E-Mail: jo@kemikostain.com Web: www.kemikostain.com

B. Contact Information: Kemiko, 6663 SW Beaverton-Hillsdale Hwy Suite 242, Portland, OR 97225 Tel: (503) 296-7756; Fax: (503) 291-1753; E-Mail: jo@kemikostain.com Web: www.kemikostain.com.

C. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 CONCRETE STAIN

A. Kemiko Stone Tone Stain: Combination of acid solution, wetting agents, and metallic ions. When mixed with water and applied to Portland cement, chemically combines to form permanent color.
   1. Color: Cola.
   2. Weight per gallon: 9.5 lbs (4.3kg).
   3. VOC: 0 g/L (Meets final SCAQMD Rule 1113 (2008).

2.3 CONCRETE SEALER

1. Stone Tone Sealer: Acrylic water-based, non-yellowing urethane clear sealer.
2. Solids (By Volume): 30 percent.
3. Gloss: High gloss
4. Resistant to blush.
5. VOC: Less than 50 g/L. Meets final SCAQMD Rule 1113 (2008).
6. Pencil Hardness, ASTM D 3363: 2H.
7. Dry Tape Adhesion, ASTM D 3359: 5A-5B.
8. Dry Time at 70F (21C) with 50 percent RH:
   a. Recoat: 1 hour.
   b. Foot Traffic: 4 hours.
   c. Full Cure: 48 hours.

B. Kemiko Stone Tone Buff-On Wax: Non-yellowing, fast drying, aliphatic petroleum wax.
   1. Dry Time at 70F (21C) with 50 percent RH: 20 -30 Minutes.
   2. Coverage: 250 to 350 sq ft per gallon

C. Sta-Natural: Waterborne silane / siloxane emulsion for sealing stained concrete and other cementitious substrates.
   1. Gloss: Clear flat gloss (Natural Sheen).
   2. Solids (By Volume): 10 percent.
   3. Weight per gallon: 9.5 lbs (4.3kg).
   4. Dry Time at 70F (21C) with 50 percent RH:
      a. Recoat: 1 hour.
      b. Foot Traffic: 4 hours.
      c. Full Cure: 48 hours.
   5. VOC: 0 g/L (Meets final SCAQMD Rule 1113 (2008).

2.4 FLOOR POLISH

A. Easy Shine: Water based acrylic polymer interior floor polish.
   1. Gloss (1 coat at 60F): 90+ (2 thin coats recommended).
   2. Viscosity, CPS at 73 F, RFV., #1 at 20 RPM: Less than 20.
   3. Specific Gravity at 73 F: 8.67.
   4. Solids (By Weight): 20 percent.
   5. Weight per gallon: 9.5 lbs (4.3kg).
   6. Dry Time at 73F (21C) with 40 percent RH: 20 minutes.
   7. VOC: 0 g/L (Meets final SCAQMD Rule 1113 (2008).

2.5 CLEAR TOPCOAT

A. Apply a clear topcoat sealer in accordance with section 09960.

PART 3 EXECUTION

3.1 EXAMINATION

A. Do not begin installation until substrates have been properly prepared.

B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2 PREPARATION

A. Clean surfaces thoroughly, in accordance with manufacturer's instructions.

B. Protection:
1. Protect walls and surrounding surfaces not to receive concrete floor stain.
2. Do not allow stain to come in contact with wood or metal surfaces.

C. Prepare concrete surface in accordance with manufacturer's instructions.

D. Concrete shall be as specified in Section 03300. Ensure concrete is a minimum of 28 days old.

E. Ensure surface is clean, dry, structurally sound, and free from dirt, dust, oil, grease, solvents, paint, wax, asphalt, concrete curing compounds, sealing compounds, surface hardeners, bond breakers, adhesive residue, and other surface contaminants.

F. Do not acid wash or use heavy alkali cleaners.

3.3 INSTALLATION - ACID STAINS AND TOPCOATS

A. Install in accordance with manufacturer's instructions.

B. Apply stain in accordance with manufacturer's instructions at locations indicated on the drawings.

C. Control depth of color by adjusting volume of stain applied.

D. Apply 2 coats of stain. Allow to completely dry after each coat. Do not scrub clean between coats.

E. After area has completely dried, scrub off residue in accordance with manufacturer's instructions. Allow to completely dry.

F. Concrete Buff-On Floor Wax: Apply concrete floor wax over interior concrete floor stain in accordance with manufacturer's instructions.

G. Concrete Floor Sealer: Apply concrete floor sealer over concrete floor stain in accordance with manufacturer's instructions.

H. Concrete Floor Polish: Apply floor polish over Stone Tone Sealer in accordance with manufacturer's instructions.

I. Keep material containers closed when not in use to avoid contamination.

3.4 INSTALLATION - REMBRANDT POLYMER STAINS AND TOPCOATS

A. Install in accordance with manufacturers instructions.

B. Concrete Floor Sealer: Apply concrete floor sealer over concrete floor stain in accordance with manufacturer's instructions.

C. Concrete Floor Polish: Apply floor polish over Stone Tone Sealer in accordance with manufacturer's instructions.

D. Keep material containers closed when not in use to avoid contamination.

3.5 PROTECTION

A. Protect stained surfaces from damage during construction.

B. Protect surfaces from foot traffic for a minimum of 24 hours.

C. Do not wash surfaces for a minimum of 48 hours.

END OF SECTION

SECTION 041000 MORTAR AND GROUT

PART 1 - GENERAL

1.1 SECTION INCLUDES

A. Mortar and grout for masonry.

1.2 RELATED WORK

A. Section 04300 - Unit Masonry System: Installation of mortar and grout.

1.3 REFERENCES

A. American Society for Testing and Materials, (ASTM).

1. ASTM C91-95 - Masonry Cement.
2. ASTM C144-93 - Aggregate for Masonry Mortar.
3. ASTM C150-95 - Portland Cement.
4. ASTM C207 -91 (1992) - Hydrated Lime for Masonry Purposes.
5. ASTM C270-94 - Mortar for Unit Masonry.
6. ASTM C404-95 - Aggregates for Masonry Grout.
7. ASTM C476-95 - Grout for Masonry.
8. ASTM C780-91 - Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry.
9. ASTM C1 019-890(1993) - Method of Sampling and Testing Grout.

1.4 SUBMITTALS

A. Submit product data under provisions of Section 01300.

B. Contractor's responsibilities:

1. Mix Design: Proportion in conformance with ASTM C476. Indicate if the Proportion or Property Method was used, required environmental conditions, and admixture limitations.
2. Submit manufacturer’s certificate under provisions of Section 01400 that products meet or exceed specified requirements.
3. Submit premix mortar manufacturer's installation instructions.

C. Submit Laboratory's Responsibilities:

1. Submit test reports on mortar indicating conformance to ASTM C270.
2. Submit test reports on grout indicating conformance to ASTM C476.

1.5 DELIVERY, STORAGE, AND HANDLING

A. Deliver products to site, except aggregate, in original and unopened container displaying product name, type, grade, and mixing instructions.

B. Maintain packaged materials clean, dry, and protected against dampness, rain, ground water, freezing, and foreign matter.

1.6 ENVIRONMENTAL REQUIREMENTS

A. Maintain materials and surrounding air temperatures to minimum 50 degrees F prior to, during, and 48 hours after completion of masonry work.

1.7 MIX TESTS

A. Testing of Mortar Mix: In accordance with ASTM C780.

B. Test mortar mix for compressive strength, consistency, water content air content.

C. Testing of Grout Mix: In accordance with ASTM C1019.

D. Test mortar mix for compressive strength and slump.

PART 2 - PRODUCTS

2.1 MATERIALS

A. Portland Cement: ASTM C150, Type I, gray color.

B. Masonry Cement: ASTM C91, Type S.

C. Mortar Aggregate: ASTM C144, standard masonry type.

D. Hydrated lime: ASTM C207, Type S.

E. Grout Aggregate: ASTM C404.

1. Fine aggregate: Size #1.
2. Coarse aggregate. When minimum horizontal grout space exceeds 4 inches.
   a. Size #8.

F. Water: Clean and potable.

2.2 MORTAR MIXES

A. Mortar: ASTM C270, Type S using the Property Method.

B. Pointing Mortar: One part masonry cement to one part Type S hydrated lime to four parts aggregate.

2.3 MORTAR MIXING

A. Thoroughly mix mortar ingredients in quantities needed for immediate use in accordance with ASTM C270.

B. Exterior masonry walls Elevator and Stair Shafts: Type S, 1800 psi minimum.

C. Interior masonry walls: Type N, 750 psi minimum.

D. Do not use anti-freeze compounds to lower the freezing point of mortar.

E. If water is lost by evaporation, retemper only within two hours of mixing.

F. Use mortar within two hours after mixing at temperatures of 80 degrees F or two-and-one-half hours at temperatures under 50 degrees F.

2.4 GROUT MIXES

A. Bond Beams Lintels: 2500 psi strength at 28 days; 7-8 inches slump; mixed in accordance with ASTM C476 Course grout.

B. Engineered Masonry: 2500 psi strength at 28 days; 7-8 inches slump; mixed in accordance with ASTM C476 Fine Course grout.

2.5 GROUT MIXING

A. Thoroughly mix mortar ingredients in quantities needed for immediate use in accordance with ASTM C476 Fine Course grout.

B. Do not use anti-freeze compounds to lower the freezing point of grout.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Request inspection of spaces to be grouted.

3.2 PREPARATION

A. Plug cleanout holes with masonry units to prevent leakage of grout materials. Brace masonry for wet grout pressure.

3.3 INSTALLATION

A. Install mortar and grout to requirements of the specific masonry Section.

B. Work grout into masonry cores and cavities to eliminate voids.

1. Use fine grout where minimum horizontal grout space is less than 4 inches.
2. Use course grout where minimum horizontal grout space is equal to or greater than 4 inches.

C. Do not displace reinforcement while placing grout.

END OF SECTION

SECTION 044300 - STONE MASONRY

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes the following applications of stone masonry:
   1. Anchored to unit masonry backup.
   2. Anchored to cold-formed metal framing and sheathing.

B. Products installed, but not furnished, in this Section include:

   1. Steel lintels and shelf angles for stone masonry specified in Division 05 Section "Metal Fabrications."

1.2 SUBMITTALS

A. Product Data: For each type of product indicated.

   1. For stone varieties proposed for use on Project, include test data indicating compliance with physical properties required by referenced ASTM standards.

B. Samples:

   1. For each stone type indicated.
   2. For each color of mortar required.

1.3 PROJECT CONDITIONS

A. Protection of Stone Masonry: During construction, cover tops of walls, projections, and sills with waterproof sheeting at end of each day's work.

B. Cold-Weather Requirements: Do not use frozen materials or materials mixed or coated with ice or frost. Do not build on frozen substrates. Comply with cold-weather construction requirements contained in ACI 530.1/ASCE 6/TMS 602.

   1. Cold-Weather Cleaning: Use liquid cleaning methods only when air temperature is 40 deg F and above and will remain so until masonry has dried.

C. Hot-Weather Requirements: Comply with hot-weather construction requirements contained in ACI 530.1/ASCE 6/TMS 602.

PART 2 - PRODUCTS

2.1 LIMESTONE

A. Limestone: Comply with ASTM C 568.

1. Products: Subject to compliance with requirements, provide the following:
   a. Submit limestone samples for architects approval from their full range of products.

2.2 MORTAR MATERIALS

A. Portland Cement: ASTM C 150, Type I or II, except Type III may be used for cold-weather construction. Provide natural color or white cement as required to produce mortar color indicated.

1. Low-Alkali Cement: Not more than 0.60 percent total alkali when tested according to ASTM C 114.

B. Hydrated Lime: ASTM C 207, Type S.

C. Masonry Cement: ASTM C 91.

D. Mortar Pigments: Natural and synthetic iron oxides and chromium oxides, compounded for use in mortar mixes. Use only pigments with a record of satisfactory performance in stone masonry mortar.

1. Products: Subject to compliance with requirements, available products that may be incorporated into the Work include, but are not limited to, the following:

   a. Davis Colors; True Tone Mortar Colors.
   b. Lanxess Corporation; Bayferrox Iron Oxide Pigments.
   c. Solomon Colors; SGS Mortar Colors.

E. Colored Cement Product: Packaged blend made from Portland cement and lime or masonry cement and mortar pigments, all complying with specified requirements, and containing no other ingredients.

1. Formulate blend as required to produce color indicated or, if not indicated, as selected from manufacturer's standard colors.
2. Products: Subject to compliance with requirements, available products that may be incorporated into the Work include, but are not limited to, the following:

   a. Colored Portland Cement-Lime Mix:

      1) Holcim (US) Inc.; Rainbow Mortamix Custom Color Cement/Lime.
      2) Lafarge North America; Eaglebond.

3) Lehigh Cement Company; Lehigh Custom Color Portland/Lime Cement.

b. Colored Masonry Cement:

1) Essroc, Italcementi Group; Brixment-in-Color.
2) Holcim (US) Inc.; Rainbow Mortamix Custom Color Masonry Cement.
3) Lehigh Cement Company; Lehigh Custom Color Masonry Cement.

F. Aggregate: ASTM C 144 and as follows:

1. For pointing mortar, use aggregate graded with 100 percent passing No. 16 sieve.
2. White Aggregates: Natural white sand or ground white stone.
3. Colored Aggregates: Natural-colored sand or ground marble, granite, or other sound stone; of color necessary to produce required mortar color.

G. Latex Additive: Manufacturer's standard water emulsion, serving as replacement for part or all of gauging water, of type specifically recommended by latex-additive manufacturer for use with field-mixed Portland cement mortar bed, and not containing a retarder.

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

a. Boiardi Products Corporation.
b. Bonsal.
c. Bostik Findley Inc.
d. C-Cure.
e. Custom Building Products.
f. DAP Inc.
g. Laticrete International, Inc.
h. MAPEI Corp.
i. Summitville Tiles, Inc.
j. TEC Specialty Construction Brands; H. B. Fuller Company.

H. Water: Potable.

2.3 VENEER ANCHORS

A. Materials:

1. Hot-Dip Galvanized-Steel Wire: ASTM A 82, with ASTM A 153/A 153M, Class B-2.
2. Stainless-Steel Wire: ASTM A 580/A 580M, Type 316.

3. Hot-Dip Galvanized-Steel Sheet: ASTM A 1008/A 1008M, cold-rolled, carbon-steel sheet hot-dip galvanized after fabrication to comply with ASTM A 153/A 153M, Class B-2.
4. Stainless-Steel Sheet: ASTM A 240/A 240M, Type 316.

B. Wire Veneer Anchors: Wire ties formed from W1.7 or 0.148-inch- diameter, stainless-steel wire.

C. Corrugated-Metal Veneer Anchors: Not less than 0.030-inch- thick by 7/8-inch-wide stainless-steel sheet with corrugations having a wavelength of 0.3 to 0.5 inch and an amplitude of 0.06 to 0.10 inch.

D. Adjustable, Screw-Attached Veneer Anchors: Units consisting of a wire tie section and a metal anchor section that allow vertical adjustment but resist tension and compression forces perpendicular to plane of wall.

1. Products: Subject to compliance with requirements, available products that may be incorporated into the Work include, but are not limited to, the following:

    a. Dur-O-Wal, a Dayton Superior Company; D/A 213 r D/A 210 with D/A 700-708.
    b. Heckmann Building Products Inc.; 315-D with 316.
    c. Hohmann & Barnard, Inc.; DW-10 DW-10HS or DW-10-X.
    d. Wire-Bond; 1004, Type III or RJ-711.

2. Structural Performance Characteristics: Capable of withstanding a 100-lbf load in both tension and compression without deforming or developing play in excess of 0.05 inch.
3. Anchor Section: Sheet metal plate, with screw holes top and bottom and with raised rib-stiffened strap stamped into center to provide a slot between strap and plate for inserting wire tie.
4. Fabricate sheet metal anchor sections and other sheet metal parts from 0.078-inch- thick, stainless-steel sheet.
5. Wire Ties: Triangular-, rectangular-, or T-shaped wire ties fabricated from 0.25-inch- diameter, stainless-steel wire.

E. Seismic Veneer Anchors: Units consisting of a metal anchor section and a connector section designed to engage a continuous wire embedded in stone masonry mortar joint.

1. Products: Subject to compliance with requirements, available products that may be incorporated into the Work include, but are not limited to, the following:

    a. Dur-O-Wal, a Dayton Superior Company; D/A 213S.
    b. Hohmann & Barnard, Inc.; DW-10-X-Seismiclip.
    c. Wire-Bond; RJ-711 with Wire-Bond Clip.

2. Structural Performance Characteristics: Capable of withstanding a 100-lbf load in both tension and compression without deforming or developing play in excess of 0.05 inch.
3. Anchor Section: Gasketed sheet metal plate, 1-1/4 inches wide by 6 inches long, with screw holes top and bottom; and raised rib-stiffened strap, 5/8 inch wide by 6 long, stamped into center to provide a slot between strap and plate for inserting wire tie.
4. Connector Section: Triangular wire tie and rigid PVC extrusion with snap-in grooves for inserting continuous wire.
5. Fabricate sheet metal anchor sections and other sheet metal parts from 0.109-inch- thick, stainless-steel sheet.
6. Fabricate wire connector sections from 0.25-inch- diameter, stainless-steel wire.
7. Continuous Wire: 0.188-inch- diameter, stainless-steel wire.

2.4 EMBEDDED FLASHING MATERIALS

A. Metal Flashing: Provide metal flashing, where flashing is exposed or partly exposed and where indicated, complying with SMACNA's "Architectural Sheet Metal Manual and as follows:

1. Stainless Steel: ASTM A 240/A 240M, Type 304, 0.016 inch thick.
2. Copper: ASTM B 370, Temper H00 or H01, cold-rolled copper sheet, 10-oz./sq. ft. weight or 0.0135 inch thick for fully concealed flashing; 16-oz./sq. ft. weight or 0.0216 inch thick elsewhere.

B. Flexible Flashing: For flashing not exposed to the exterior, use one of the following unless otherwise indicated:

1. Copper-Laminated Flashing: 5-oz./sq. ft. copper sheet bonded with asphalt between 2 layers of glass-fiber cloth. Use only where flashing is fully concealed in masonry.

a. Products: Subject to compliance with requirements, available products that may be incorporated into the Work include, but are not limited to, the following:

1) Advanced Building Products Inc.; Copper Fabric Flashing.
2) Hohmann & Barnard, Inc.; H & B C-Fab Flashing.
3) Phoenix Building Products; Type FCC-Fabric Covered Copper.
4) Polytite Manufacturing Corporation; Copper Fabric Flashing.
5) Sandell Manufacturing Co., Inc.; Copper Fabric Flashing.
6) York Manufacturing, Inc.; York Copper Fabric Flashing.

2. Rubberized-Asphalt Flashing: Composite flashing product consisting of a pliable, adhesive rubberized-asphalt compound, bonded to a high-density, cross-laminated polyethylene film to produce an overall thickness of not less than 0.030 inch.

a. Products: Subject to compliance with requirements, available products that may be incorporated into the Work include, but are not limited to, the following:

1) Advanced Building Products Inc.; Peel-N-Seal.
2) Carlisle Coatings & Waterproofing; CCW-705-TWF Thru-Wall Flashing.
3) Dur-O-Wal, a Dayton Superior Company; Dur-O-Barrier-44.
4) Grace Construction Products, a unit of W. R. Grace & Co. - Conn.; Perm-A-Barrier Wall Flashing.
5) Heckmann Building Products Inc.; No. 82 Rubberized-Asphalt Thru-Wall Flashing.
6) Hohmann & Barnard, Inc.; Textroflash.
7) Polyguard Products, Inc.; Polyguard 300.
8) Polytite Manufacturing Corporation; Poly-Barrier Self-Adhering Wall Flashing.
9) Williams Products, Inc.; Everlastic MF-40.

2.5 MISCELLANEOUS MASONRY ACCESSORIES

A. Cementitious Dampproofing: Cementitious formulations that are recommended by ILI and that are non-staining to stone, compatible with joint sealants, and noncorrosive to veneer anchors and attachments.

B. Asphalt Dampproofing: Cut-back asphalt complying with ASTM D 4479, Type I or asphalt emulsion complying with ASTM D 1227, Type III or IV.

C. Weep Hole/Vent Products: Use one of the following unless otherwise indicated:
1. Round Plastic Tubing: Medium-density polyethylene, 3/8-inch OD by thickness of stone masonry.

D. Cavity Drainage Material: Free-draining mesh, made from polymer strands that will not degrade within the wall cavity.

1. Provide the following configuration:

a. Strips, full-depth of cavity and 10 inches wide, with dovetail shaped notches 7 inches deep.

2. Products: Subject to compliance with requirements, provide one of the following:

a. Advanced Building Products Inc.; Mortar Break.
b. CavClear/Archovations, Inc.; CavClear Masonry Mat.
c. Dur-O-Wal, a Dayton Superior Company; Polytite MortarStop.
d. Mortar Net USA, Ltd.; Mortar Net.

E. Expanded Metal Lath: 3.4 lb/sq. yd., self-furring, diamond-mesh lath complying with ASTM C 847. Fabricate from structural-quality, zinc-coated (galvanized) steel sheet complying with ASTM A 653/A 653M, G60.

F. Welded-Wire Lath: ASTM C 933, fabricated into 2-by-2-inch mesh with minimum 0.0625-inch- diameter, galvanized-steel wire.

2.6 MASONRY CLEANERS

A. Proprietary Acidic Cleaner: Manufacturer's standard-strength cleaner designed for removing mortar and grout stains, efflorescence, and other new construction stains from stone masonry surfaces without discoloring or damaging masonry surfaces; expressly approved for intended use by cleaner manufacturer and stone producer.

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

a. Diedrich Technologies, Inc.
b. Dominion Restoration Products.
c. EaCo Chem, Inc.
d. Hydrochemical Techniques, Inc.
e. Prosoco, Inc.

2.7 MORTAR MIXES

A. General: Do not use admixtures unless otherwise indicated.

1. Do not use calcium chloride.
2. Limit cementitious materials in mortar to portland cement and lime.
3. Mixing Pointing Mortar: Thoroughly mix cementitious and aggregate materials together before adding water. Then mix again, adding only enough water to produce a damp, unworkable mix that will retain its form when pressed into a ball. Maintain mortar in this dampened condition for one to two hours. Add remaining water in small portions until mortar reaches desired consistency. Use mortar within 30 minutes of final mixing; do not retemper or use partially hardened material.

B. Mortar for Stone Masonry: Comply with ASTM C 270, Proportion Specification.

1. Mortar for Setting Stone: Type N.
2. Mortar for Pointing Stone: Type N.

C. Latex-Modified Portland Cement Setting Mortar: Proportion and mix Portland cement, aggregate, and latex additive to comply with latex-additive manufacturer's written instructions.

D. Cement-Paste Bond Coat: Mix either neat cement and water or cement, sand, and water to a consistency similar to that of thick cream.

1. For latex-modified Portland cement setting-bed mortar, substitute latex admixture for part or all of water, according to latex-additive manufacturer's written instructions.

E. Mortar for Scratch Coat over Metal Lath: 1 part Portland cement, 1/2 part lime, 5 parts loose damp sand, and enough water to produce a workable consistency.

F. Mortar for Scratch Coat over Unit Masonry: 1 part Portland cement, 1 part lime, 7 parts loose damp sand, and enough water to produce a workable consistency.

G. Pigmented Mortar: Use colored cement product or select and proportion pigments with other ingredients to produce color required. Do not add pigments to colored cement products.

1. Pigments shall not exceed 10 percent of Portland cement by weight.
2. Pigments shall not exceed 5 percent of masonry cement by weight.

2.8 FABRICATION

A. Select stone to produce pieces of thickness, size, and shape indicated, including details on Drawings. Dress joints (bed and vertical) straight and at right angle to face unless otherwise indicated.

B. Gage backs of stones for adhered veneer if more than 81 sq. in. in area.

C. Shape stone for type of masonry (pattern) as follows:
1. Split-bed, random-range ashlar with random course heights and random lengths (interrupted coursed).

D. Finish exposed faces and edges of stone to comply with requirements indicated for finish and to match approved samples and mockups.

1. Finish: Split face.
2. Finish for Sills: Smooth.
3. Finish for Lintels: Smooth.
4. Finish for Copings: Smooth.

a. Finish exposed ends of copings same as front and back faces.

PART 3 - EXECUTION

3.1 PREPARATION

A. Accurately mark stud centerlines on face of weather-resistant sheathing paper before beginning stone installation.

B. Coat concrete and unit masonry backup with asphalt dampproofing.

3.2 SETTING OF STONE MASONRY, GENERAL

A. Perform necessary field cutting and trimming as stone is set.

1. Use power saws to cut stone that is fabricated with saw-cut surfaces.
2. Use hammer and chisel to split stone that is fabricated with split surfaces.

B. Sort stone before it is placed in wall to remove stone that does not comply with requirements relating to aesthetic effects, physical properties, or fabrication, or that is otherwise unsuitable for intended use.

C. Arrange stones in broken-range ashlar pattern with uniform course heights, random lengths, and uniform joint widths.

D. Arrange stones with color and size variations uniformly dispersed for an evenly blended appearance.

E. Maintain uniform joint widths except for variations due to different stone sizes and where minor variations are required to maintain bond alignment if any. Lay walls with joints not less than 3/8 inch at narrowest points or more than 1/2 inch at widest points.

F. Provide sealant joints of widths and at locations indicated.

1. Keep sealant joints free of mortar and other rigid materials.
2. Sealing joints is specified in Division 07 Section "Joint Sealants."

G. Install embedded flashing and weep holes at shelf angles, lintels, ledges, other obstructions to downward flow of water in wall, and where indicated.

1. At stud-framed walls, extend flashing through stone masonry, up the face of sheathing at least 12 inches, and behind weather-resistant sheathing paper.
2. At multiwythe masonry walls, including cavity walls, extend flashing through stone masonry, turned up a minimum of 12 inches, and extend into or through inner wythe to comply with requirements in Division 04 Section "Unit Masonry."
3. At concrete backing, extend flashing through stone masonry, turned up a minimum of 8 inches, and insert in reglet. Reglets are specified Division 07 Section "Sheet Metal Flashing and Trim."
4. At lintels and shelf angles, extend flashing full length of angles but not less than 6 inches into masonry at each end.
5. At sills, extend flashing not less than 4 inches at ends.
6. At ends of head and sill flashing turn up not less than 2 inches to form end dams.
7. Extend sheet metal flashing 1/2 inch beyond face of masonry at exterior and turn flashing down to form a drip.

8. Install metal drip edges beneath flexible flashing at exterior face of wall. Stop flexible flashing 1/2 inch back from outside face of wall and adhere flexible flashing to top of metal drip edge.
9. Install metal flashing termination beneath flexible flashing at exterior face of wall. Stop flexible flashing 1/2 inch back from outside face of wall and adhere flexible flashing to top of metal flashing termination.
10. Cut flexible flashing flush with face of wall after masonry wall construction is completed.

H. Coat limestone with cementitious dampproofing as follows:

1. Stone at Grade: Beds, joints, and back surfaces to at least 12 inches above finish-grade elevations.
2. Stone Extending below Grade: Beds, joints, back surfaces, and face surfaces below grade.

I. Place weep holes and vents in joints where moisture may accumulate, including at base of cavity walls, above shelf angles, and at flashing.

1. Use wicking material or open head joints to form weep holes.
2. Use wicking material to form weep holes above flashing in stone sills. Turn wicking down at lip of sill to be as inconspicuous as possible.
3. Space weep holes 24 inches o.c.
4. Space weep holes formed from wicking material 16 inches o.c.
5. Trim wicking material used in weep holes flush with outside face of wall after mortar has set.
6. Place cavity drainage material in cavities to comply with configuration requirements for cavity drainage material in "Miscellaneous Masonry Accessories" Article.

J. Install vents in vertical head joints at the top of each continuous cavity at spacing indicated. Use open head joints to form vents.

3.3 CONSTRUCTION TOLERANCES

A. Variation from Plumb: For vertical lines and surfaces, do not exceed 1/4 inch in 10 feet, 3/8 inch in 20 feet, or 1/2 inch in 40 feet or more. For external corners, expansion joints, control joints, and other conspicuous lines, do not exceed 1/4 inch in 20 feet or 1/2 inch in 40 feet or more.

B. Variation from Level: For bed joints and lines of exposed lintels, sills, parapets, horizontal grooves, and other conspicuous lines, do not exceed 1/4 inch in 20 feet or 1/2 inch in 40 feet or more.

C. Variation of Linear Building Line: For position shown in plan, do not exceed 1/2 inch in 20 feet or 3/4 inch in 40 feet or more.

3.4 INSTALLATION OF ANCHORED STONE MASONRY

A. Anchor stone masonry to concrete with corrugated-metal veneer anchors unless otherwise indicated. Secure anchors by inserting dovetailed ends into dovetail slots in concrete.

B. Anchor stone masonry to unit masonry with corrugated-metal veneer anchors unless otherwise indicated. Embed anchors in unit masonry mortar joints or grouted cells for distance at least one-half of unit masonry thickness.

C. Anchor stone masonry to stud framing with adjustable, screw-attached veneer anchors unless otherwise indicated. Fasten anchors through sheathing to framing with two screws.

D. Embed veneer anchors in mortar joints of stone masonry at least halfway, but not less than 1-1/2 inches, through stone masonry and with at least 5/8-inch cover on outside face.

1. Install continuous wire reinforcement in horizontal joints and attach to seismic veneer anchors as stone is set.

E. Space anchors to provide not less than 1 anchor per 2 sq. ft. of wall area. Install additional anchors within 12 inches of openings, sealant joints, and perimeter at intervals not exceeding 12 inches.

F. Space anchors not more than 16 inches o.c. vertically and 24 inches o.c. horizontally. Install additional anchors within 12 inches of openings, sealant joints, and perimeter at intervals not exceeding 12 inches.

G. Set stone in full bed of mortar with full head joints unless otherwise indicated. Build anchors into mortar joints as stone is set.

H. Provide 2-inch cavity between stone masonry and backup construction unless otherwise indicated. Keep cavity free of mortar droppings and debris.

1. Place mortar spots in cavity at veneer anchors to maintain spacing.
2. Slope beds toward cavity to minimize mortar protrusions into cavity.

I. Rake out joints for pointing with mortar to depth of not less than 3/8 inch. Rake joints to uniform depths with square bottoms and clean sides.

3.5 POINTING

A. Prepare stone-joint surfaces for pointing with mortar by removing dust and mortar particles. Where setting mortar was removed to depths greater than surrounding areas, apply pointing mortar in layers not more than 3/8 inch deep until a uniform depth is formed.

B. Point stone joints by placing and compacting pointing mortar in layers not more than 3/8 inch deep. Compact each layer thoroughly and allow to become thumbprint hard before applying next layer.

C. Tool joints, when pointing mortar is thumbprint hard, with a smooth jointing tool to produce the following joint profile:

1. Joint Profile: Smooth, flat face slightly below edges of stone.

3.6 ADJUSTING AND CLEANING

A. In-Progress Cleaning: Clean stone masonry as work progresses. Remove mortar fins and smears before tooling joints.

B. Final Cleaning: After mortar is thoroughly set and cured, clean stone masonry as follows:

1. Remove large mortar particles by hand with wooden paddles and nonmetallic scrape hoes or chisels.
2. Test cleaning methods on mockup; leave one-half of panel uncleaned for comparison purposes.
3. Protect adjacent stone and nonmasonry surfaces from contact with cleaner by covering them with liquid strippable masking agent, polyethylene film, or waterproof masking tape.
4. Wet wall surfaces with water before applying cleaner; remove cleaner promptly by rinsing thoroughly with clear water.
5. Clean stone masonry by bucket and brush hand-cleaning method described in BIA Technical Note No. 20 Revised II, using job-mixed detergent solution.
6. Clean stone masonry with proprietary acidic cleaner applied according to manufacturer's written instructions.
7. Clean limestone masonry to comply with recommendations in ILI's "Indiana Limestone Handbook."

3.7 EXCESS MATERIALS AND WASTE

A. Disposal as Fill Material: Dispose of clean masonry waste, including mortar and excess or soil-contaminated sand, by crushing and mixing with fill material as fill is placed.

1. Do not dispose of masonry waste as fill within 18 inches of finished grade.

END OF SECTION 044300

SECTION 057000 - DECORATIVE METAL

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Metal fasteners at wood columns.

B. Related Sections:

1. Division 06 Section "Exterior Finish Carpentry"

1.2 SUBMITTALS

A. Product Data: For each type of product indicated, including finishing materials.

B. Shop Drawings: Show fabrication and installation details. Indicate materials, finishes, fasteners, anchorages, and accessory items.

C. Samples: For each type of exposed finish required.

PART 2 - PRODUCTS

2.1 STEEL AND IRON

A. Bars: Hot-rolled, carbon steel complying with ASTM A 29/A 29M, Grade 1010.

B. Plates, Shapes, and Bars: ASTM A 36/A 36M.

C. Cast Iron: Either gray iron, ASTM A 48/A 48M, or malleable iron, ASTM A 47/A 47M unless otherwise indicated.

D. Steel Sheet, Cold Rolled: ASTM A 1008/A 1008M, either commercial steel or structural steel, exposed.

2.2 FASTENERS

A. Fastener Materials: Unless otherwise indicated, provide the following:
1. Stainless-Steel Items: Stainless-steel fasteners.
2. Steel Items: Plated steel fasteners with ASTM B 633, Class Fe/Zn 25 electrodeposited zinc coating unless otherwise indicated.
3. Dissimilar Metals: Stainless-steel fasteners.

B. Provide tamper-resistant flat-head machine screws for exposed fasteners unless otherwise indicated.

2.3 MISCELLANEOUS MATERIALS

A. Etching Cleaner for Galvanized Metal: Complying with MPI#25.

B. Galvanizing Repair Paint: High-zinc-dust-content paint complying with SSPC-Paint 20 and compatible with paints specified to be used over it.

C. Universal Shop Primer for Ferrous Metal: Fast-curing, lead- and chromate-free, universal modified-alkyd primer complying with MPI#79 and compatible with topcoat.

D. Epoxy Zinc-Rich Primer: Complying with MPI#20 and compatible with topcoat.

E. Bituminous Paint: Cold-applied asphalt emulsion complying with ASTM D 1187.

2.4 FABRICATION, GENERAL

A. Form decorative metal to required shapes and sizes, true to line and level with true curves and accurate angles and surfaces. Finish exposed surfaces to smooth, sharp, well-defined lines and arris.

B. Mill joints to a tight, hairline fit. Cope or miter corner joints. Fabricate connections that will be exposed to weather in a manner to exclude water.

C. Comply with AWS for recommended practices in shop welding and brazing. Weld and braze behind finished surfaces without distorting or discoloring exposed side. Clean exposed welded and brazed joints of flux, and dress exposed and contact surfaces.

1. Where welding and brazing cannot be concealed behind finished surfaces, finish joints to comply with NOMMA's "Voluntary Joint Finish Standards" for Type 1 Welds: no evidence of a welded joint.

D. Provide castings that are sound and free of warp, cracks, blowholes, or other defects that impair strength or appearance. Grind, wire brush, sandblast, and buff castings to remove seams, gate marks, casting flash, and other casting marks.

2.5 FINISHES, GENERAL

A. Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.

B. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

2.6 STEEL AND IRON FINISHES

A. Galvanizing: Hot-dip galvanize products made from rolled, pressed, and forged steel shapes, castings, plates, bars, and strips indicated to be galvanized to comply with ASTM A 123/A 123M.

1. Hot-dip galvanize steel and iron hardware indicated to be galvanized to comply with ASTM A 153/A 153M.

B. Preparing Galvanized Items for Shop Priming: After galvanizing, thoroughly clean decorative metal of grease, dirt, oil, flux, and other foreign matter, and treat with etching cleaner.

C. Preparing Nongalvanized Items for Shop Priming: Prepare uncoated ferrous-metal surfaces to comply with SSPC-SP 6/NACE No. 3, "Commercial Blast Cleaning."

D. Primer Application: Apply shop primer to prepared surfaces of items unless otherwise indicated. Primer need not be applied to surfaces to be embedded in concrete or masonry.

1. Shop prime uncoated ferrous-metal surfaces with universal shop primer

2. Retain subparagraph below if galvanized items are not shop primed.
3. Do not apply primer to galvanized surfaces.

E. Powder-Coat Finish: Prepare, treat, and coat ferrous metal to comply with resin manufacturer's written instructions and as follows:

1. Prepare uncoated ferrous-metal surfaces to comply with SSPC-SP 6/NACE No. 3, "Commercial Blast Cleaning."
2. Prepare galvanized metal by thoroughly removing grease, dirt, oil, flux, and other foreign matter.
3. Treat prepared metal with metallic-phosphate pretreatment, rinse, and seal surfaces.
4. Apply thermosetting polyester or acrylic urethane powder coating with cured-film thickness not less than 1.5 mils (0.04 mm).
5. Color: As selected by Architect from manufacturer's full range.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Provide anchorage devices and fasteners where needed to secure decorative metal to in-place construction.

B. Set products accurately in location, alignment, and elevation, measured from established lines and levels.

C. Fit exposed connections accurately together to form tight, hairline joints or, where indicated, uniform reveals and spaces for sealants and joint fillers.

D. Do not cut or abrade finishes that cannot be completely restored in the field. Return items with such finishes to the shop for required alterations, followed by complete refinishing, or provide new units as required.

E. Install concealed gaskets, joint fillers, insulation, and flashings as work progresses.

F. Restore protective coverings that have been damaged during shipment or installation. Remove protective coverings only when there is no possibility of damage from other work.

G. Corrosion Protection: Coat concealed surfaces of aluminum that will be in contact with grout, concrete, masonry, wood, or dissimilar metals, with a heavy coat of bituminous paint.

END OF SECTION 057000

SECTION 060670 PLASTIC AND METAL SURFACING MATERIALS

PART 1 GENERAL

1.1 SECTION INCLUDES

A. Standard Decorative Laminates.

B. Custom Decorative Laminates.

C. Metal Laminates.

1.2 RELATED SECTIONS

A. Section: Finish Carpentry.

1.3 REFERENCES

A. ANSI Z124.6 - Plastic Sinks.

B. ASTM D 256 - Standard Test Method for Determining the Pendulum Impact Resistance of Notched Specimens of Plastics.

C. ASTM D 638 - Standard Test Method for Tensile Properties of Plastics.

D. ASTM D 696 - Standard Test Method for Coefficient of Linear Thermal Expansion of Plastics Between -30 degrees C and 30 degrees C.

E. ASTM D 790 - Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials.

F. ASTM D 785 - Standard Test Method for Rockwell Hardness of Plastics and Electrical Insulating Materials.

G. ASTM D 2583 - Standard Test Method for Indentation Hardness of Rigid Plastics by Means of a Barcol Compressor.

H. ASTM G 21 - Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi.

I. ASTM G 22 - Standard Practice for Determining Resistance of Plastics to Bacteria.

J. NEMA LD 3 current revision- High Pressure Decorative Laminates; National Electrical Manufacturers Association.

K. ISO 4586-2 - High Pressure Decorative Laminates; International Organization for Standardization.

1.4 SUBMITTALS

A. Submit under provisions of Section: Submittals.

B. Samples:
1. Verification Samples: Submit two samples, each 12 inches square, illustrating each selected surfacing material in specified color, pattern, and finish.

C. Manufacturer's Instructions:
1. Submit manufacturer's printed installation instructions for each product.

1.5 DELIVERY, STORAGE, AND HANDLING

A. Store surfacing materials to prevent breakage and marring of surfaces in accordance with manufacturer's printed instructions.

PART 2 PRODUCTS

2.1 MANUFACTURERS

A. Acceptable Manufacturer: Wilsonart International, 2400 Wilson Place, P. O. Box 6110, Temple, TX 76503-6110; Tel: (254) 207-7000, Fax: (254) 207-2384, Response Line: (800)433-3222. email: smartline@wilsonart.com website: www.wilsonart.com

2.2 STANDARD DECORATIVE LAMINATES

A. Acceptable Product: Wilsonart Laminate.

B. Product Description: Decorative surface papers, impregnated with melamine resins, bonded under heat and pressure to kraft papers impregnated with phenolic resins.

C. Standard Decorative Laminate - General Purpose Type: Wilsonart Type 107, having the following physical characteristics:
1. Sheet thickness: 0.048 inch nominal (1.22mm)
2. Exceeding performance requirements of NEMA LD 3 current revision Grade HGS.
3. Surface burning characteristics in accordance with ASTM E 84; unbonded.
4. Patterns and Finishes: Indicated on drawings.

D. Standard Decorative Laminate - Vertical Surface Type: Wilsonart Type 335, having the following physical characteristics:
1. Sheet thickness: 0.028 inch nominal (0.71 mm)
2. Exceeding performance requirements of NEMA LD 3 current revision Grade VGS and VGP.
3. Surface burning characteristics in accordance with ASTM E 84; unbonded.
4. Patterns and Finishes: Indicated on drawings.

E. Standard Decorative Laminate - Postforming Type:

Wilsonart Type 350, having the following physical characteristics:

1. Sheet thickness: 0.039 inch nominal (1.00 mm).
2. Exceeding performance requirements of NEMA LD 3 current revision Grade HGP.
3. Surface burning characteristics in accordance with ASTM E 84; unbonded.
4. Patterns and Finishes: Indicated on drawings.

2.3 CUSTOM DECORATIVE LAMINATES

A. Acceptable Product: Wilsonart Custom Laminates.

B. Product Description: Decorative surface papers, impregnated with melamine resins, bonded under heat and pressure to kraft papers impregnated with phenolic resins.

C. Custom Decorative Laminate - General Purpose Type: Type 173 or 174.

1. Sheet thickness: 0.048 inch nominal (1.22).
2. Exceeding performance requirements of NEMA LD 3 current revision Grade HGS.
3. Patterns and Finishes: Indicated on drawings.

D. Custom Decorative Laminate - Vertical Surface Type: Type 363 or 364.

1. Sheet thickness: 0.028 inch nominal (0.71 mm).
2. Exceeding performance requirements of NEMA LD 3 current revision Grade VGP.
3. Pattern: Patterns and Finishes: Indicated on drawings.

2.5 ACCESSORY MATERIALS

A. Adhesives: Provide types as specified in manufacturer's printed installation instructions.

PART 3 EXECUTION

3.1 PREPARATION

A. Surface preparation: Precondition surfacing materials and surfaces to receive surfacing materials in accordance with manufacturer's printed installation instructions.

END OF SECTION

SECTION 061000 - ROUGH CARPENTRY

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes the following:

1. Framing with dimension lumber.
2. Framing with engineered wood products.
3. Rooftop equipment bases and support curbs.
4. Wood blocking and nailers.
5. Wood furring.
6. Wood sleepers.
7. Plywood backing panels.

1.2 SUBMITTALS

A. Product Data: For each type of process and factory-fabricated product.

1. Include data for wood-preservative and fire-retardant treatment from chemical treatment manufacturer and certification by treating plant that treated materials comply with requirements.

B. Material Certificates: For dimension lumber specified to comply with minimum allowable unit stresses. Indicate species and grade selected for each use and design values approved by the American Lumber Standards Committee Board of Review.

C. Research/Evaluation Reports: For the following, showing compliance with building code in effect for Project:

1. Wood-preservative-treated wood.
2. Fire-retardant-treated wood.
3. Engineered wood products.
4. Power-driven fasteners.
5. Powder-actuated fasteners.
6. Expansion anchors.
7. Metal framing anchors.

1.3 QUALITY ASSURANCE

A. Forest Certification: For the following wood products, provide materials produced from wood obtained from forests certified by an FSC-accredited certification body to comply with FSC STD-01-001, "FSC Principles and Criteria for Forest Stewardship":

1. Dimension lumber framing.
2. Laminated-veneer lumber.
3. Prefabricated wood I-joists.
4. Rim boards.
5. Miscellaneous lumber.

PART 2 - PRODUCTS

2.1 WOOD PRODUCTS, GENERAL

A. Lumber: DOC PS 20 and applicable rules of grading agencies indicated. If no grading agency is indicated, provide lumber that complies with the applicable rules of any rules-writing agency certified by the ALSC Board of Review. Provide lumber graded by an agency certified by the ALSC Board of Review to inspect and grade lumber under the rules indicated.

1. Factory mark each piece of lumber with grade stamp of grading agency.
2. For exposed lumber indicated to receive a stained or natural finish, omit grade stamp and provide certificates of grade compliance issued by grading agency.
3. Provide dressed lumber, S4S, unless otherwise indicated.

B. Engineered Wood Products: Provide engineered wood products acceptable to authorities having jurisdiction and for which current model code research or evaluation reports exist that show compliance with building code in effect for Project.

1. Allowable Design Stresses: Provide engineered wood products with allowable design stresses, as published by manufacturer, which meet or exceed those indicated. Manufacturer's published values shall be determined from empirical data or by rational engineering analysis and demonstrated by comprehensive testing performed by a qualified independent testing agency.

2.2 WOOD-PRESERVATIVE-TREATED LUMBER

A. Preservative Treatment by Pressure Process: AWPA C2, except that lumber that is not in contact with the ground and is continuously protected from liquid water may be treated according to AWPA C31 with inorganic boron (SBX).

1. Preservative Chemicals: Acceptable to authorities having jurisdiction and containing no arsenic or chromium.

B. Kiln-dry lumber after treatment to a maximum moisture content of 19 percent.

C. Mark lumber with treatment quality mark of an inspection agency approved by the ALSC Board of Review.

D. Application: Treat all rough carpentry, unless otherwise indicated.

1. Wood cants, nailers, curbs, equipment support bases, blocking, stripping, and similar members in connection with roofing, flashing, vapor barriers, and waterproofing.
2. Wood sills, sleepers, blocking, furring, stripping, and similar concealed members in contact with masonry or concrete.
3. Wood framing and furring attached directly to the interior of below-grade exterior masonry or concrete walls.
4. Wood framing members that are less than 18 inches (460 mm) above the ground in crawlspaces or unexcavated areas.
5. Wood floor plates that are installed over concrete slabs-on-grade.

2.3 FIRE-RETARDANT-TREATED MATERIALS

A. General: Comply with performance requirements in AWPA C20 (lumber) and AWPA C27 (plywood).

1. Use Exterior type for exterior locations and where indicated.
2. Use Interior Type A, High Temperature (HT) for enclosed roof framing, framing in attic spaces, and where indicated.
3. Use Interior Type A, unless otherwise indicated.

B. Identify fire-retardant-treated wood with appropriate classification marking of testing and inspecting agency acceptable to authorities having jurisdiction.

C. Application: Treat all rough carpentry, unless otherwise indicated.
1. Concealed blocking.
2. Framing for non-load-bearing partitions.
3. Framing for non-load-bearing exterior walls.
4. Roof construction.
5. Plywood backing panels.

2.4 DIMENSION LUMBER FRAMING

A. Maximum Moisture Content: 19 percent.

B. Non-Load-Bearing Interior Partitions: Standard, Stud, or No. 2 grade of any species.

C. Framing Other Than Non-Load-Bearing Interior Partitions: No. 2 Construction grade and the following species:

1. Hem-fir (north); NLGA.
2. Southern pine; SPIB.
3. Douglas fir-larch; WCLIB or WWPA.
4. Mixed southern pine; SPIB.
5. Spruce-pine-fir; NLGA.
6. Douglas fir-south; WWPA.
7. Hem-fir; WCLIB or WWPA.

8. Douglas fir-larch (north); NLGA.
9. Spruce-pine-fir (south); NeLMA, WCLIB, or WWPA.

D. Framing Other Than Non-Load-Bearing Interior Partitions: Any species and grade with a modulus of elasticity of at least 1,500,000 psi (10 350 MPa) and an extreme fiber stress in bending of at least 1000 psi (6.9 MPa) for 2-inch nominal (38-mm actual) thickness and 12-inch nominal (286-mm actual) width for single-member use.

E. Exposed Exterior Framing Indicated to Receive a Stained Finish: Provide material hand-selected for uniformity of appearance and freedom from characteristics, on exposed surfaces and edges, that would impair finish appearance, including decay, honeycomb, knot-holes, shake, splits, torn grain, and wane.

1. Species and Grade: As indicated above for load-bearing construction of same type.
2. Species and Grade: Southern pine, No. 1 grade; SPIB.
3. Species and Grade: Douglas fir-larch; No. 1 grade; WCLIB, or WWPA.
4. Species and Grade: Mixed southern pine, No. 1 grade; SPIB.
5. Species and Grade: Spruce-pine-fir, No. 1 grade; NLGA.
6. Species and Grade: Douglas fir-south; No. 1 grade; WWPA.
7. Species and Grade: Hem-fir; No. 1 grade; WCLIB, or WWPA.
8. Species and Grade: Spruce-pine-fir (south), No. 1 grade; NeLMA, WCLIB, or WWPA.
9. Species and Grade: Eastern hemlock-balsam fir or Eastern hemlock-tamarack; No. 1 grade; NeLMA.
10. Species and Grade: Redwood, Select Structural grade; RIS.
11. Species and Grade: Western cedars, Select Structural grade; WCLIB, or WWPA.

2.5 ENGINEERED WOOD PRODUCTS

A. Laminated-Veneer Lumber: Structural composite lumber made from wood veneers with grain primarily parallel to member lengths, evaluated and monitored according to ASTM D 5456 and manufactured with an exterior-type adhesive complying with ASTM D 2559 and containing no urea formaldehyde.

1. Extreme Fiber Stress in Bending, Edgewise: 3100 psi (21.3 MPa) 12-inch nominal- (286-mm actual-) depth members.
2. Modulus of Elasticity, Edgewise: 2,000,000 psi (13 700 MPa)

2.6 MISCELLANEOUS LUMBER

A. General: Provide miscellaneous lumber indicated and lumber for support or attachment of other construction, including the following:

1. Blocking.

2. Nailers.
3. Rooftop equipment bases and support curbs.
4. Cants.
5. Furring.
6. Grounds.

B. For items of dimension lumber size, provide Construction or No. 2 grade lumber with 19 percent maximum moisture content of any species.

C. For concealed boards, provide lumber with 19 percent maximum moisture content and the following species and grades:

1. Mixed southern pine, No. 2 grade; SPIB.
2. Eastern softwoods, No. 2 Common grade; NeLMA.
3. Northern species, No. 2 Common grade; NLGA.
4. Western woods, Construction or No. 2 Common grade; WCLIB or WWPA.

2.7 PLYWOOD BACKING PANELS

A. Telephone and Electrical Equipment Backing Panels: DOC PS 1, Exterior, C-C Plugged, fire-retardant treated, in thickness indicated or, if not indicated, not less than 3/4-inch (19-mm) nominal thickness.

2.8 FASTENERS

A. General: Provide fasteners of size and type indicated that comply with requirements specified.

1. Where rough carpentry is exposed to weather, in ground contact, pressure-preservative treated, or in area of high relative humidity, provide fasteners with hot-dip zinc coating complying with ASTM A 153/A 153M.

B. Power-Driven Fasteners: NES NER-272.

C. Bolts: Steel bolts complying with ASTM A 307, Grade A (ASTM F 568M, Property Class 4.6); with ASTM A 563 (ASTM A 563M) hex nuts and, where indicated, flat washers.

2.9 METAL FRAMING ANCHORS

A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

B. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

C. Basis-of-Design Products: Subject to compliance with requirements, provide products indicated on Drawings or comparable products by one of the following:

1. Alpine Engineered Products, Inc.
2. Cleveland Steel Specialty Co.
3. Harlen Metal Products, Inc.
4. KC Metals Products, Inc.
5. Simpson Strong-Tie Co., Inc.
6. Southeastern Metals Manufacturing Co., Inc.
7. USP Structural Connectors.

D. Allowable Design Loads: Provide products with allowable design loads, as published by manufacturer, which meet or exceed those of basis-of-design products. Manufacturer's published values shall be determined from empirical data or by rational engineering analysis and demonstrated by comprehensive testing performed by a qualified independent testing agency.

E. Galvanized Steel Sheet: Hot-dip, zinc-coated steel sheet complying with ASTM A 653/A 653M, G60 (Z180) coating designation.

2.10 MISCELLANEOUS MATERIALS

A. Sill-Sealer Gaskets: Glass-fiber-resilient insulation, fabricated in strip form, for use as a sill sealer; 1-inch (25-mm) nominal thickness, compressible to 1/32 inch (0.8 mm); selected from manufacturer's standard widths to suit width of sill members indicated.

B. Flexible Flashing: Self-adhesive, rubberized-asphalt compound, bonded to a high-density, polyethylene film to produce an overall thickness of not less than 0.025 inch (0.6 mm).

PART 3 - EXECUTION

3.1 INSTALLATION

A. Set rough carpentry to required levels and lines, with members plumb, true to line, cut, and fitted. Fit rough carpentry to other construction; scribe and cope as needed for accurate fit. Locate furring, nailers, blocking, grounds, and similar supports to comply with requirements for attaching other construction.

B. Where wood-preservative-treated lumber is installed adjacent to metal decking, install continuous flexible flashing separator between wood and metal decking.

C. Framing Standard: Comply with AF&PA's "Details for Conventional Wood Frame Construction," unless otherwise indicated.

D. Framing with Engineered Wood Products: Install engineered wood products to comply with manufacturer's written instructions.

E. Metal Framing Anchors: Install metal framing to comply with manufacturer's written instructions.

F. Do not splice structural members between supports, unless otherwise indicated.

G. Comply with AWPA M4 for applying field treatment to cut surfaces of preservative-treated lumber.

H. Securely attach rough carpentry work to substrate by anchoring and fastening as indicated, complying with the following:

1. NES NER-272 for power-driven fasteners.
2. Table 2304.9.1, "Fastening Schedule," in ICC's International Building Code.
3. Table 23-II-B-1, "Nailing Schedule," and Table 23-II-B-2, "Wood Structural Panel Roof Sheathing Nailing Schedule," in ICBO's Uniform Building Code.
4. Table 2305.2, "Fastening Schedule," in BOCA's BOCA National Building Code.
5. Table 2306.1, "Fastening Schedule," in SBCCI's Standard Building Code.
6. Table R602.3(1), "Fastener Schedule for Structural Members," and Table R602.3(2), "Alternate Attachments," in ICC's International Residential Code for One- and Two-Family Dwellings.
7. Table 602.3(1), "Fastener Schedule for Structural Members," and Table 602.3(2), "Alternate Attachments," in ICC's International One- and Two-Family Dwelling Code.

3.2 PROTECTION

A. Protect wood that has been treated with inorganic boron (SBX) from weather. If, despite protection, inorganic boron-treated wood becomes wet, apply EPA-registered borate treatment. Apply borate solution by spraying to comply with EPA-registered label.

END OF SECTION 061000

SECTION 061600 - SHEATHING

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes the following:

1. Wall sheathing.
2. Roof sheathing.
3. Composite nail base insulated roof sheathing.
4. Subflooring.
5. Underlayment.
6. Building paper.
7. Building wrap.
8. Sheathing joint-and-penetration treatment.
9. Flexible flashing at openings in sheathing.

1.2 SUBMITTALS

A. Product Data: For each type of process and factory-fabricated product. Indicate component materials and dimensions and include construction and application details.

1. Include data for wood-preservative treatment from chemical treatment manufacturer and certification by treating plant that treated plywood complies with requirements.

B. Research/Evaluation Reports: For the following:

1. Preservative-treated plywood.
2. Fire-retardant-treated plywood.
3. Foam-plastic sheathing.
4. Building wrap.

1.3 QUALITY ASSURANCE

A. Fire-Test-Response Characteristics: For assemblies with fire-resistance ratings, provide materials and construction identical to those of assemblies tested for fire resistance per ASTM E 119 by a testing and inspecting agency acceptable to authorities having jurisdiction.

B. Forest Certification: For the following wood products, provide materials produced from wood obtained from forests certified by an FSC-accredited certification body to comply with FSC STD-01-001, "FSC Principles and Criteria for Forest Stewardship":

1. Plywood.
2. Oriented strand board.
3. Particleboard underlayment.
4. Hardboard underlayment.

1.4 DELIVERY, STORAGE, AND HANDLING

A. Stack plywood and other panels flat with spacers between each bundle to provide air circulation. Provide for air circulation around stacks and under coverings.

PART 2 - PRODUCTS

2.1 WOOD PANEL PRODUCTS, GENERAL

A. Plywood: DOC PS 1, unless otherwise indicated.

B. Oriented Strand Board: DOC PS 2.

2.2 PRESERVATIVE-TREATED PLYWOOD

A. Preservative Treatment by Pressure Process: AWPA C9.

B. Mark plywood with appropriate classification marking of an inspection agency acceptable to authorities having jurisdiction.

C. Application: Treat items indicated on Drawings and plywood in contact with masonry or concrete or used with roofing, flashing, vapor barriers, and waterproofing.

2.3 FIRE-RETARDANT-TREATED PLYWOOD

A. General: Comply with performance requirements in AWPA C27.

1. Use Exterior type for exterior locations and where indicated.
2. Use Interior Type A, High Temperature (HT) for roof sheathing and where indicated.
3. Use Interior Type A, unless otherwise indicated.

B. Kiln-dry material after treatment to a maximum moisture content of 15 percent.

C. Identify fire-retardant-treated plywood with appropriate classification marking of UL, U.S. Testing, Timber Products Inspection, or another testing and inspecting agency acceptable to authorities having jurisdiction.

D. Application: Treat all plywood, unless otherwise indicated.

2.4 WALL SHEATHING

A. Plywood Wall Sheathing: Exterior sheathing.

B. Oriented-Strand-Board Wall Sheathing: Exposure 1, Structural I sheathing.

C. Extruded-Polystyrene-Foam Wall Sheathing: ASTM C 578, Type IV, with tongue-and-groove or shiplap long edges as standard with manufacturer.

1. Thickness: 1 inch (25 mm).

D. Foil-Faced, Polyisocyanurate-Foam Wall Sheathing: ASTM C 1289, Type I, Class 2, aluminum-foil-faced, glass-fiber-reinforced, rigid, cellular, polyisocyanurate thermal insulation. Foam-plastic core and facings shall have a flame-spread index of 25 or less when tested individually.

1. Thickness: 1 inch (25 mm).

2.5 ROOF SHEATHING

A. Plywood Roof Sheathing: Exterior sheathing.

B. Oriented-Strand-Board Roof Sheathing: Exposure 1, Structural I sheathing.

2.6 FASTENERS

A. General: Provide fasteners of size and type indicated.

1. For wall and roof sheathing panels, provide fasteners with corrosion-protective coating having a salt-spray resistance of more than 800 hours according to ASTM B 117.

2.7 WEATHER-RESISTANT SHEATHING PAPER

A. Building Paper: ASTM D 226, Type 1 (No. 15 asphalt-saturated organic felt), un-perforated.

B. Building Wrap: ASTM E 1677, Type I air retarder; with flame-spread and smoke-developed indexes of less than 25 and 450, respectively, when tested according to ASTM E 84; UV stabilized; and acceptable to authorities having jurisdiction.

1. Available Products: Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to, the following:
2. Products: Subject to compliance with requirements, provide one of the following:

a. Dow Chemical Company (The); Styrofoam Weathermate Plus Brand Housewrap.
b. DuPont (E. I. du Pont de Nemours and Company); Tyvek Commercial Wrap and Header Wrap.
c. Ludlow Coated Products; Barricade Building Wrap.
d. Pactiv, Inc.; GreenGuard Ultra Wrap.
e. Raven Industries Inc.; Rufco-Wrap.
f. Reemay, Inc.; Typar HouseWrap.

3. Water-Vapor Permeance: Not less than 152 g through 1 sq. m of surface in 24 hours per ASTM E 96, Desiccant Method (Procedure A).

C. Building-Wrap Tape: Tape recommended by building-wrap manufacturer.

2.8 SHEATHING JOINT-AND-PENETRATION TREATMENT MATERIALS

A. Sheathing Tape for Foam-Plastic Sheathing: Tape recommended by sheathing manufacturer.

2.9 MISCELLANEOUS MATERIALS

A. Adhesives for Field Gluing Panels to Framing: Formulation complying with APA AFG-01 that is approved for use indicated by manufacturers of both adhesives and panels.

1. Use adhesives that have a VOC content of 50 g/L or less when calculated according to 40 CFR 59, Subpart D (EPA Method 24).

B. Flexible Flashing: Self-adhesive, rubberized-asphalt compound, bonded to a high-density, polyethylene film to produce an overall thickness of not less than 0.025 inch (0.6 mm).

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

A. Securely attach to substrate by fastening as indicated, complying with the following:

1. NES NER-272 for power-driven fasteners.
2. Table 2304.9.1, "Fastening Schedule," in ICC's "International Building Code."
3. Table 23-II-B-1, "Nailing Schedule," and Table 23-II-B-2, "Wood Structural Panel Roof Sheathing Nailing Schedule," in ICBO's "Uniform Building Code."
4. Table 2305.2, "Fastening Schedule," in BOCA's "BOCA National Building Code."
5. Table 2306.1, "Fastening Schedule," in SBCCI's "Standard Building Code."
6. Table R602.3(1), "Fastener Schedule for Structural Members," and Table R602.3(2), "Alternate Attachments," in ICC's "International Residential Code for One- and Two-Family Dwellings."

7. Table 602.3(1), "Fastener Schedule for Structural Members," and Table 602.3(2), "Alternate Attachments," in ICC's "International One- and Two-Family Dwelling Code."

B. Coordinate sheathing installation with flashing and joint-sealant installation so these materials are installed in sequence and manner that exclude exterior moisture.

C. Do not bridge building expansion joints; cut and space edges of panels to match spacing of structural support elements.

3.2 WEATHER-RESISTANT SHEATHING-PAPER INSTALLATION

A. General: Cover sheathing with weather-resistant sheathing paper as follows:

1. Cut back barrier 1/2 inch (13 mm) on each side of the break in supporting members at expansion- or control-joint locations.
2. Apply barrier to cover vertical flashing with a minimum 4-inch (100-mm) overlap, unless otherwise indicated.

B. Building Paper: Apply horizontally with a 2-inch (50-mm) overlap and a 6-inch (150-mm) end lap; fasten to sheathing with galvanized staples or roofing nails.

C. Building Wrap: Comply with manufacturer's written instructions.

1. Seal seams, edges, fasteners, and penetrations with tape.
2. Extend into jambs of openings and seal corners with tape.

3.3 SHEATHING JOINT-AND-PENETRATION TREATMENT

A. Seal sheathing joints according to sheathing manufacturer's written instructions.

1. Apply elastomeric sealant to joints and fasteners and trowel flat. Seal other penetrations and openings.
2. Apply glass-fiber sheathing tape to glass-mat gypsum sheathing board joints, and apply and trowel silicone emulsion sealant to embed tape in sealant. Apply sealant to exposed fasteners. Seal other penetrations and openings.
3. Apply sheathing tape to joints between foam-plastic sheathing panels and at items penetrating sheathing. Apply at upstanding flashing to overlap both flashing and sheathing.

3.4 FLEXIBLE FLASHING INSTALLATION

A. Apply flexible flashing where indicated to comply with manufacturers written instructions.

1. Lap seams and junctures with other materials at least 4 inches (100 mm), except that at flashing flanges of other construction, laps need not exceed flange width.

2. Lap flashing over weather-resistant building paper at bottom and sides of openings.
3. Lap weather-resistant building paper over flashing at heads of openings.
4. After flashing has been applied, roll surfaces with a hard rubber or metal roller.

3.5 PROTECTION

A. Paper-Surfaced Gypsum Sheathing: Protect sheathing by covering exposed exterior surface of sheathing with weather-resistant sheathing paper securely fastened to framing. Apply covering immediately after sheathing is installed.

END OF SECTION 061600

SECTION 062000 - FINISH CARPENTRY

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Construction Agreement and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

A. This Section includes the following:
   1 . Exterior wood trim
   2. Interior standing and running trim.

B. Related Sections include the following:
   1 . Division 6 Section "Rough Carpentry" for furring, blocking, and other carpentry work not exposed to view and for structural wood decking and framing exposed to view.
   2. Division 9 Section "Painting" for priming and bock-priming of finish carpentry.

1.3 DEFINITIONS

A. Inspection agencies, and the abbreviations used to reference them, include the following:
   1. NEIMA - Northeastern lumber Manufacturers Association.
   2. NHLA - National Hardwood lumber Association.
   3. NIGA - Notional lumber Grades Authority.
   4. SCMA - Southern Cypress Manufacturers Association.
   5. SPIB - Southern Pine Inspection Bureau.

1.4 SUBMITTALS

A. Product Data: For each type of process and factory-fabricated product. Include construction details, material
   1. Include data for wood-preservative treatment from chemical treatment manufacturer and certification by treating plant that treated materials comply with requirements. Indicate type of preservative used, net amount of preservative retained, and chemical treatment manufacturer's written instructions for handling, storing, installing, and finishing treated material.
   2. Provide a statement that moisture content of products receiving a waterborne treatment was reduced to levels specified before shipment to Project site.

B. Samples for Verification: Submit lumber samples to Owner's representative for acceptance.

1.5 QUALITY ASSURANCE

A. Installer Qualifications: An experienced installer who has completed architectural woodwork similar in material, design, and extent to that indicated for this Project and whose work has resulted in construction with a record of successful in-service performance.

B. Fabricator Qualifications: A firm experienced in producing architectural woodwork similar to that indicated for this Project and with a record of successful in-service performance, as well as sufficient production capacity to produce required units.

C. Quality Standard: Unless otherwise indicated, comply with AWI's "Architectural Woodwork Quality Standards" for grades of interior architectural woodwork, construction, finishes, and other requirements.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Protect materials against weather and contact with damp or wet surfaces. Stack lumber, plywood, and other panels. Provide for air circulation within and around stacks and under temporary coverings.
B. Deliver interior finish carpentry only when environmental conditions meet requirements specified for installation areas. If finish carpentry must be stored in other than installation areas, store only where environmental conditions meet requirements specified for installation areas.

1.7 PROJECT CONDITIONS
A. Environmental Limitations: Do not deliver or install interior finish carpentry until building is enclosed and weatherproof, wet work in space is completed and nominally dry, and HVAC system is operating and maintaining temperature and relative humidity at occupancy levels during the remainder of the construction period.
B. Weather limitations: Proceed with installation only when existing and forecasted weather conditions permit work to be performed according to manufacturers written instructions and warranty requirements and at least one coat of specified finish to be applied without exposure to rain, snow, or dampness.

PART 2 - PRODUCTS

2.1 MATERIALS, GENERAL
A. lumber: DOC PS 20 and applicable grading rules of inspection agencies certified by the American lumber Standards' Committee Boord of Review.
1. Factory mark each piece of lumber with grade stomp of inspection agency indicating grade, species, moisture content at time of surfacing, and mill.
B. Softwood Plywood: DOC PS 1.
C. Hardwood Plywood: HPV A HP- 1.
D. Medium-Density Fiberboard: ANSI A208.2, Grode MD-Exterior Glue. GeorgiaPacific "Synergite".
E. Wood Species for Interior Opaque Finish: Medium density fiberboard, or any c1osed - grain hardwood, poplar, or southern pine.

2.2 WOOD-PRESERVATIVE- TREATED MATERIALS
A. Preservative Treatment by Pressure Process: AWPA C2 (lumber) and AWPA C9 (plywood), except that lumber that is not in contact with the ground and is continuously protected from liquid water may be treated according to AWPA C31 with inorganic boron (SBX).
B. Preservative Chemicals: Acceptable to authorities having jurisdiction and one of the following:
1. Chromated copper arsenate (CCA).
2. Ammoniacal copper quat (ACQ).
3. Copper bis (dimethyldithiocarbamate) (CDDC).
4. Ammoniacal copper citrate (CC).
5. Copper azole, Type A (CBA-A).
6. Oxine copper (copper-8-quinolinolate) in a light petroleum solvent.
C. Do not use chemical formulations that require incising.
D. For exposed items indicated to receive transparent finish, do not use chemical formulations that contain colorants or that bleed through or otherwise adversely affect finishes.
E. Pressure-treat aboveground items with preservatives to a minimum retention of 0.25 pounds per cubic foot.
F. Kiln-dry exposed, finished lumber after treatment to a maximum moisture content of 1 5 percent.

G. Mark each treated item with the Quality Mark Requirements of on inspection agency approved by the American Lumber Standards' Committee Board of Review.

2.3 EXTERIOR WOOD FOR OPAQUE FINISH

A. Quality Standard: Comply with AWl Section 300.
B. Grade: Custom.
C, Block-out or groove backs of flat trim members and kerf backs of other wide, flat members, except for members with ends exposed in finished work.
D. lumber Trim: solid lumber with surfaced (smooth) face and of the following species and grade:
E. Wood Species and Grade for Opaque Finish: No.2 & Better Grade cypress, graded in accordance with Standard Specifications for Grades of Southern Cypress from the Southern Cypress Manufacturers Association, and the Rules for the Measurement and Inspection of Hardwood & Cypress from the National Hardwood Lumber Association.
F. Do not use plain-sawn lumber with exposed, flat surfaces more than 3 inches wide.

2.4 INTERIOR STANDING AND RUNNING TRIM FOR OPAQUE FINISH

A. lumber Trim for Opaque Finish (Painted): Finished lumber (S4S), either finger jointed or solid lumber, of one of the following species and grades:
B. Medium density fiberboard
C. Grade Finish or 1 Common eastern white pine; NELMA or NlGA.
D. Grade B Finish older, aspen, basswood, cottonwood, gum, magnolia, soft maple, sycamore, tupelo, or yellow poplar; NHLA.

Moldings: Made to patterns included in WMMPA WM 7. Wood moldings made from kiln-dried stock and graded under WMMPA WM 4.

2.5 MISCELLANEOUS MATERIALS

A. Fasteners for Exterior Finish Carpentry: Provide stainless steel nails or screws in sufficient length to penetrate minimum of 1-1/2 inches into substrate, unless otherwise recommended by manufacturer.
B. Fasteners for Interior Finish Carpentry: Nails, screws, and other anchoring devices of type, size material and finish required for application indicated to provide secure attachment concealed where possible.
C. Glue: Aliphatic- or phenolic-resin wood glue recommended by manufacturer for general carpentry use.
D. Flashing: Comply with requirements in Division 7 Section "Sheet Metal Flashing and Trim" for flashing materials installed in finish carpentry.
E. Horizontal Joint Flashing for Siding: Preformed prefinished aluminum Z-shaped f1ashing .020 inch thick.
F. Color to be selected by the architect from the manufacturer's standard colors.
G. Sealants: Comply with requirements in Division 7 Section "Joint Sealants" for materials required for sealing siding work.

2.8 FABRICATION

A. Wood Moisture Content: Comply with requirements of specified inspection agencies and with manufacturer's written recommendations for moisture content of finish carpentry at relative humidity conditions existing during time of fabrication and in installation areas.
B. Back out or kerf backs of the following members except members with ends exposed in finished work:
   1 . Exterior standing and running trim wider than 5 inches.
C. Interior standing and running trim except shoe and crown molds.
D. Wood board paneling.

E. Ease edges of lumber less than 1 inch in nominal thickness to 1 /16-inch radius and edges of lumber 1 inch or more in nominal thickness to l/8-inch radius.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

A. Clean substrates of projections and substances detrimental to application.
B. Before installing finish carpentry, condition materials to average prevailing humidity in installation areas for a minimum of 24 hours, but not less than the conditioning period recommended by manufacturer.
C. Prime lumber for exterior applications to be painted. Prime both front and back sides and edges. Cut to required lengths and prime ends. Comply with requirements in Division 9 Section "Pointing."

3.3 INSTALLATION, GENERAL

A. Do not use materials that are unsound, warped, improperly treated or finished, inadequately seasoned, or too small to fabricate with proper jointing arrangements.
   1. Do not use manufactured units with defective surfaces, sizes, or patterns.
B. Install finish carpentry level, plumb, true, and aligned with adjacent materials. Use concealed shims where necessary for alignment.
C. Scribe and cut finish carpentry to fit adjoining work. Refinish and seal cuts as recommended by manufacturer.
D. Countersink fasteners, fill surface flush, and sand where face fastening is unavoidable.
E. Install to tolerance of 1/8 inch in 96 inches for level and plumb. Install adjoining finish carpentry with 1/32-inch maximum offset for flush installation and 1/16-inch maximum offset for reveal installation.
F. Install stairs with no more than 3/16-inch variation between adjacent treads and risers and with no more than 3lB-inch variation between largest and smallest treads and risers within each flight.
G. Coordinate finish carpentry with materials and systems in or adjacent to it.
H. Provide cutouts for mechanical and electrical items that penetrate finish carpentry.

3.4 STANDING AND RUNNING TRIM INSTALLATION

A. Install with minimum number of joints practical, using full-length pieces from maximum lengths of lumber available. Do not use pieces less than 24 inches long, except where necessary. Stagger joints in adjacent and related standing and running trim. Cope at returns and miter at corners to produce tight-fitting joints with full-surface contact throughout length of joint. Use scarf joints for end-to-end joints. Plane blocks of casings to provide uniform thickness across joints, where necessary for alignment.
   1. Match color and grain pattern across joints.
B. Install trim after gypsum board joint finishing operations are completed.
C. Drill pilot holes in hardwood before fastening to prevent splitting. Fasten to prevent movement or warping. Countersink fastener heads on exposed carpentry work and fill holes.
D. Fit exterior joints to exclude water. Apply flat grain lumber with bark side exposed to weather.

3.5 ADJUSTING

A. Replace finish carpentry that is damaged or does not comply with requirements.

B. Finish carpentry may be repaired or refinished if work complies with requirements and shows no evidence of repair or refinishing. Adjust joinery for uniform appearance.

3.6 CLEANING

A. Clean finish carpentry on exposed and semi-exposed surfaces. Touch up factory applied finishes restoring damaged or soiled areas.

END OF SECTION 062000

SECTION 062013 - EXTERIOR FINISH CARPENTRY

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes the following:

1. Exterior standing and running trim.
2. Lumber Hardboard siding.
3. Hardboard soffits.

B. See Division 06 Section "Exterior Architectural Woodwork" for shop-fabricated exterior woodwork

1.2 SUBMITTALS

A. Product Data: For each type of process and factory-fabricated product.

B. Samples: For each type of siding indicated.

1.3 QUALITY ASSURANCE

A. Forest Certification: For the following wood products, provide materials produced from wood obtained from forests certified by an FSC-accredited certification body to comply with FSC STD-01-001, "FSC Principles and Criteria for Forest Stewardship":

1. Exterior standing and running trim.
2. Exterior lumber hardboard siding.
3. Exterior hardboard soffits.

PART 2 - PRODUCTS

2.1 MATERIALS, GENERAL

A. Lumber: DOC PS 20 and applicable grading rules of inspection agencies certified by ALSC's Board of Review.

B. Softwood Plywood: DOC PS 1.

C. Hardboard: AHA A135.4.

2.2 WOOD-PRESERVATIVE-TREATED MATERIALS

A. Preservative Treatment by Pressure Process:

1. Lumber: AWPA C2. Kiln dry after treatment to a maximum moisture content of 19 percent.
2. Plywood: AWPA C9. Kiln dry after treatment to a maximum moisture content of 18 percent.
3. Preservative Chemicals: Acceptable to authorities having jurisdiction and containing no arsenic or chromium].
4. Application: Where indicated

2.3 STANDING AND RUNNING TRIM

A. Lumber Trim:
1. Species and Grade: Western red cedar, Grade A; NLGA, WCLIB, or WWPA.
2. Maximum Moisture Content: 15 percent.
3. Face Surface: Surfaced (smooth).

B. Moldings: WMMPA WM 4, N-grade wood moldings, without finger jointing. Made from kiln-dried stock to patterns included in WMMPA WM 12.

1. Species: Western red cedar.

2.4 HARDBOARD SIDING

A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

B. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

1. Collins Products LLC; Collins Companies, Inc. (The).
2. Georgia-Pacific Corp.
3. Louisiana-Pacific Corporation.
4. Temple-Inland Inc.

C. Hardboard Siding: AHA A135.6, primed with manufacturer's standard exterior primer.

1. Type: 7/16-inch- (11-mm-) thick-by-[6-inch- (152-mm-)] [8-inch- (203-mm-)] wide lap siding.
2. Type: 1/2-inch- (12.7-mm-) thick-by-8-inch- (203-mm-) wide, beaded-edge lap siding.
3. Type: 7/16-inch- (11-mm-) thick, square-edge flat panels; without grooves.
4. Type: 7/16-inch- (11-mm-) thick, shiplap-edge panels; channel grooved with grooves 8 inches (203.2 mm) o.c.
5. Texture: Wood grain.

2.5 HARDBOARD SOFFITS

A. Hardboard Soffits: Primed hardboard, complying with AHA A135.6, with manufacturer's standard exterior primer.

1. Type: 1/2-inch- (12.7-mm-) thick flat panels, smooth.

2.6 MISCELLANEOUS MATERIALS

A. Fasteners for Exterior Finish Carpentry: Provide nails or screws, in sufficient length to penetrate not less than 1-1/2 inches (38 mm) into wood substrate.

1. For prefinished items, provide matching prefinished aluminum fasteners where face fastening is required.
2. For applications not otherwise indicated, provide hot-dip galvanized steel or aluminum fasteners.

B. Insect Screening for Soffit Vents: Aluminum, 18-by-16 (1.4-by-1.6-mm) mesh.

C. Round Soffit Vents: Stamped aluminum louvered vents, 4 inches (102 mm) in diameter.

D. Sealants: Latex, complying with ASTM C 834, Type P, Grade NF and with applicable requirements in Division 07 Section "Joint Sealants," recommended by sealant manufacturer and manufacturer of substrates for intended application.

PART 3 - EXECUTION

3.1 PREPARATION

A. Prime lumber to be painted, including both faces and edges. Cut to required lengths and prime ends. Comply with requirements in Division 09 Section "Exterior Painting."

3.2 INSTALLATION, GENERAL

A. Install exterior finish carpentry level, plumb, true, and aligned with adjacent materials. Use concealed shims where necessary for alignment.

1. Scribe and cut exterior finish carpentry to fit adjoining work. Refinish and seal cuts as recommended by manufacturer.
2. Install stairs with no more than 3/16-inch (4.7-mm) variation between adjacent treads and risers and with no more than 3/8-inch (9.5-mm) variation between largest and smallest treads and risers within each flight.

3.3 STANDING AND RUNNING TRIM INSTALLATION

A. Install flat grain lumber with bark side exposed to weather.

B. Install trim with minimum number of joints practical, using full-length pieces from maximum lengths of lumber available. Do not use pieces less than 24 inches (610 mm) long except where necessary.

1. Use scarf joints for end-to-end joints.
2. Stagger end joints in adjacent and related members.

C. Fit exterior joints to exclude water. Cope at returns and miter at corners.

3.4 SIDING INSTALLATION

A. Install siding to comply with manufacturer's written instructions.

B. Hardboard Siding: Install hardboard siding complying with AHA's "Recommended Basic Application and Painting Instructions for Hardboard Siding." Install panels with edges over framing or blocking. Leave 3/16-inch (5-mm) gap at perimeter, openings, and horizontal panel joints unless otherwise recommended by panel manufacturer.

1. Seal butt joints at inside and outside corners and at trim locations.
2. Conceal fasteners to greatest practical extent by placing in grooves of siding pattern or by concealing with applied trim or battens as detailed.

END OF SECTION 062013

SECTION 064013 - EXTERIOR ARCHITECTURAL WOODWORK

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes the following:

1. Exterior standing and running trim.
2. Exterior frames and jambs.
3. Exterior shutters.
4. Exterior ornamental work.
5. Shop priming exterior woodwork.
6. Shop finishing exterior woodwork.

1.2 SUBMITTALS

A. Product Data: For wood-preservative-treated materials and finishes indicated.

B. Shop Drawings: Show location of each item, dimensioned plans and elevations, large-scale details, attachment devices, and other components.

C. Samples: For lumber for exterior wood stain finish for each finish system and color, with one-half of exposed surface finished.

1.3 QUALITY ASSURANCE

A. Quality Standard: Unless otherwise indicated, comply with AWI's "Architectural Woodwork Quality Standards."

1. Provide AWI Quality Certification Program labels and certificates for woodwork, including installation.

B. Forest Certification: Provide exterior architectural woodwork produced from wood obtained from forests certified by an FSC-accredited certification body to comply with FSC STD-01-001, "FSC Principles and Criteria for Forest Stewardship."

PART 2 - PRODUCTS

2.1 WOODWORK FABRICATORS

A. Fabricators: Subject to compliance with requirements, provide exterior architectural woodwork by one of the following:

2.2 MATERIALS

A. Preservative Treatment by Nonpressure Process: Comply with AWPA N1 using the following preservative for woodwork items indicated to receive water-repellent preservative treatment:

1. Water-Repellent Preservative: Formulation containing 3-iodo-2-propynyl butyl carbamate (IPBC) complying with AWPA P8 as its active ingredient.
2. Water-Repellent Preservative/Insecticide: Formulation containing 3-iodo-2-propynyl butyl carbamate (IPBC) as its active ingredient, combined with an insecticide containing chlorpyrifos as its active ingredient, both complying with AWPA P8.

B. Nails: Aluminum or hot-dip galvanized.

C. Screws: Aluminum, hot-dip galvanized or stainless steel.

2.3 FABRICATION

A. Wood Moisture Content: 7 to 12 percent.

B. Complete fabrication, including assembly, finishing, and hardware application, to maximum extent possible, before shipment to Project site. Disassemble components only as necessary for shipment and installation. Where necessary for fitting at site, provide ample allowance for scribing, trimming, and fitting.

C. Woodwork for Transparent Finish:

1. Grade: Custom.
2. Wood Species: Western red cedar

D. Backout or groove backs of flat trim members and kerf backs of other wide, flat members, except for members with ends exposed in finished work.

E. Shop Priming: Shop prime woodwork for paint finish with one coat of wood primer specified in Division 09 painting Sections.

1. Backpriming: Apply one coat of sealer or primer, compatible with finish coats, to concealed surfaces of woodwork. Apply two coats to surfaces installed in contact with concrete or masonry and to end-grain surfaces.

F. Shop Finishing: Entire finish of exterior architectural woodwork is specified in this Section. To greatest extent possible, finish architectural woodwork at fabrication shop. Defer only final touchup and cleaning until after installation.

1. Grade: Same grade as item to be finished.
2. Backpriming: Apply one coat of sealer or primer, compatible with finish coats, to concealed surfaces of woodwork. Apply two coats to surfaces installed in contact with concrete or masonry and to end-grain surfaces.
3. AWI Finish System: Catalyzed polyurethane.

4. WI Finish System: 5, catalyzed polyurethane.
5. Sheen: Satin 31-45 gloss units measured on 60-degree gloss meter per ASTM D 523.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Before installation, condition woodwork to average prevailing humidity conditions in installation areas. Before installing architectural woodwork, examine shop-fabricated work for completion and complete work as required, including removal of packing and backpriming.

B. Quality Standard: Install woodwork to comply with same grade specified in Part 2 for type of woodwork involved.

C. Install woodwork true and straight with no distortions. Shim as required with concealed shims. Install level and plumb to a tolerance of 1/8 inch in 96 inches (3 mm in 2400 mm).

D. Scribe and cut woodwork to fit adjoining work, and refinish cut surfaces or repair damaged finish at cuts.

E. Anchor woodwork to anchors or blocking built in or directly attached to substrates. Secure to grounds, stripping and blocking with countersunk concealed fasteners and blind nailing. Use fine finishing nails for exposed nailing, countersunk and filled flush with woodwork.

F. Install trim with minimum number of joints possible, using full-length pieces (from maximum length of lumber available) to greatest extent possible. Scarf running joints and stagger in adjacent and related members.

G. Complete finishing work specified in this Section to extent not completed at shop or before installation of woodwork. Fill nail and screw holes with matching filler where exposed.

H. Refer to Division 09 Sections for final finishing of installed architectural woodwork.

I. Clean woodwork on exposed and semiexposed surfaces. Touch up shop-applied finishes to restore damaged or soiled areas.

END OF SECTION 064013

SECTION 064023 - INTERIOR ARCHITECTURAL WOODWORK

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes the following:

1. Interior standing and running trim.
2. Interior frames and jambs.
3. Wood cabinets.
4. Plastic-laminate cabinets.
5. Plastic-laminate countertops.
6. Solid-surfacing-material countertops.
7. Shop finishing of woodwork.

B. Interior architectural woodwork includes wood furring, blocking, shims, and hanging strips unless concealed within other construction before woodwork installation.

1.2 SUBMITTALS

A. Product Data: For solid-surfacing material, cabinet hardware and accessories, handrail brackets and finishing materials and processes.

B. Shop Drawings: Show location of each item, dimensioned plans and elevations, large-scale details, attachment devices, and other components.

C. Samples:

1. Lumber and panel products for transparent finish, for each species and cut, finished on one side and one edge.
2. Lumber and panel products with shop-applied opaque finish, for each finish system and color, with exposed surface finished.
3. Plastic-laminates, for each type, color, pattern, and surface finish.
4. Thermoset decorative panels, for each type, color, pattern, and surface finish.
5. Solid-surfacing materials.

D. Woodwork Quality Standard Compliance Certificates: AWI Quality Certification Program certificates.

1.3 QUALITY ASSURANCE

A. Installer Qualifications: Fabricator of woodwork.

B. Quality Standard: Unless otherwise indicated, comply with AWI's "Architectural Woodwork Quality Standards."

1. Provide AWI Quality Certification Program labels and certificates for woodwork, including installation.

C. Forest Certification: Provide interior architectural woodwork produced from wood obtained from forests certified by an FSC-accredited certification body to comply with FSC STD-01-001, "FSC Principles and Criteria for Forest Stewardship."

1.4 PROJECT CONDITIONS

A. Environmental Limitations: Do not deliver or install woodwork until building is enclosed, wet work is complete, and HVAC system is operating and maintaining temperature and relative humidity at occupancy levels during the remainder of the construction period.

PART 2 - PRODUCTS

2.1 WOODWORK FABRICATORS

A. Fabricators: Subject to compliance with requirements, provide interior architectural woodwork by one of the following:

2.2 MATERIALS

A. Wood Species and Cut for Transparent Finish: White ash, plain sawn or sliced

B. Wood Products:
1. Veneer-Faced Panel Products (Hardwood Plywood): HPVA HP-1, made with adhesive containing no urea formaldehyde.

C. Thermoset Decorative Panels: Particleboard or medium-density fiberboard finished with thermally fused, melamine-impregnated decorative paper complying with LMA SAT-1.

D. High-Pressure Decorative Laminate: NEMA LD 3, grades as indicated or, if not indicated, as required by woodwork quality standard.

E. Solid-Surfacing Material: Homogeneous solid sheets of filled plastic resin complying with ISSFA-2.

1. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
2. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

a. ABA Industries.
b. Avonite, Inc.

c. E. I. du Pont de Nemours and Company.
d. Formica Corporation.
e. LG Chemical, Ltd.
f. Meganite Inc.; a division of the Pyrochem Group.
g. Nevamar Company, LLC; Decorative Products Div.
h. Samsung; Cheil Industries Inc.
i. Swan Corporation (The).
j. Transolid, Inc.
k. Wilsonart International; Div. of Premark International, Inc.

2.3 FIRE-RETARDANT-TREATED MATERIALS

A. Fire-Retardant-Treated Lumber and Plywood by Pressure Process: Comply with performance requirements of AWPA C20 (lumber) and AWPA C27 (plywood). Use Exterior Type or Interior Type A. Use fire-retardant-treatment formulations that do not bleed through or otherwise adversely affect finishes. Kiln-dry material after treatment.

B. Fire-Retardant Particleboard: Panels made from softwood particles and fire-retardant chemicals mixed together at time of panel manufacture with flame-spread index of 25 or less and smoke-developed index of 25 or less per ASTM E 84.

2.4 CABINET HARDWARE AND ACCESSORIES

A. General: Provide cabinet hardware and accessory materials associated with architectural woodwork, except for items specified in Division 08 Section "Door Hardware (Scheduled by Describing Products)."

B. Frameless Concealed Hinges (European Type): BHMA A156.9, B01602, 170 degrees of opening, self-closing.

C. Wire Pulls: Back mounted, solid metal, 4 inches (100 mm) long

D. Drawer Slides: BHMA A156.9, B05091.

1. Standard Duty Grade 1: Side mounted and extending under bottom edge of drawer; full-extension type; with polymer rollers.
2. Box Drawer Slides: Grade 1; for drawers not more than 6 inches (150 mm) high and 24 inches (600 mm) wide.
3. File Drawer Slides: Grade 1HD-100; for drawers more than 6 inches (150 mm) high or 24 inches (600 mm) wide.

E. Door Locks: BHMA A156.11, E07121.

F. Drawer Locks: BHMA A156.11, E07041.

G. Exposed Hardware Finishes: For exposed hardware, provide finish that complies with BHMA A156.18 for BHMA finish number indicated.
1. Satin Stainless Steel: BHMA 630.

2.5 MISCELLANEOUS MATERIALS

A. Furring, Blocking, Shims, and Hanging Strips: Softwood or hardwood lumber, kiln-dried to less than 15 percent moisture content.

B. Adhesives, General: Do not use adhesives that contain urea formaldehyde.

2.6 FABRICATION

A. General: Complete fabrication to maximum extent possible before shipment to Project site. Where necessary for fitting at site, provide allowance for scribing, trimming, and fitting.

1. Interior Woodwork Grade: Custom.
2. Shop cut openings to maximum extent possible. Sand edges of cutouts to remove splinters and burrs. Seal edges of openings in countertops with a coat of varnish.
3. Install glass to comply with applicable requirements in Division 08 Section "Glazing" and in GANA's "Glazing Manual." For glass in wood frames, secure glass with removable stops.

B. Interior Standing and Running Trim:

1. For transparent-finished trim items wider than available lumber, use veneered construction. Do not glue for width.
2. Backout or groove backs of flat trim members and kerf backs of other wide, flat members, except for members with ends exposed in finished work.
3. Assemble casings in plant except where limitations of access to place of installation require field assembly.

C. Plastic-Laminate Cabinets:

1. AWI Type of Cabinet Construction: Flush.
2. Reveal Dimension: [1/2 inch (13 mm).
3. Laminate Cladding for Exposed Surfaces: High-pressure decorative laminate as follows:

    a. Horizontal Surfaces Other Than Tops: Grade HGS.
    b. Postformed Surfaces: Grade HGP.
    c. Vertical Surfaces: Grade HGS.

    d. Edges: Grade

4. Materials for Semiexposed Surfaces Other Than Drawer Bodies: High-pressure decorative laminate
5. Drawer Sides and Backs: Thermoset decorative panels.
6. Drawer Bottoms: Thermoset decorative panels.
7. Colors, Patterns, and Finishes: As selected by Architect from laminate manufacturer's full range of colors.

8. Provide dust panels of 1/4-inch (6.4-mm) plywood or tempered hardboard above compartments and drawers, unless located directly under tops.

D. Plastic-Laminate Countertops:

1. High-Pressure Decorative Laminate Grade: HGS
2. Colors, Patterns, and Finishes: As indicated by manufacturer's designations.
3. Colors, Patterns, and Finishes: As selected by Architect from laminate manufacturer's full range of colors finish.
4. Edge Treatment: Same as laminate cladding on horizontal surfaces.
5. Core Material at Sinks: Particleboard made with exterior glue.

2.7 SHOP FINISHING

A. Finish architectural woodwork at fabrication shop. Defer only final touchup, cleaning, and polishing until after installation.

B. Backpriming: Apply one coat of sealer or primer, compatible with finish coats, to concealed surfaces of woodwork. Apply two coats to back of paneling.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Before installation, condition woodwork to average prevailing humidity conditions in installation areas. Examine shop-fabricated work for completion and complete work as required, including removal of packing and backpriming.

B. Grade: Install woodwork to comply with requirements for the same grade specified in Part 2 for fabrication of type of woodwork involved.

C. Install woodwork level, plumb, true, and straight to a tolerance of 1/8 inch in 96 inches (3 mm in 2400 mm). Shim as required with concealed shims.

D. Scribe and cut woodwork to fit adjoining work, refinish cut surfaces, and repair damaged finish at cuts.

E. Anchor woodwork to anchors or blocking built in or directly attached to substrates. Secure with countersunk, concealed fasteners and blind nailing as required for complete installation. Use fine finishing nails or finishing screws for exposed fastening, countersunk and filled flush with woodwork and matching final finish if transparent finish is indicated.

F. Standing and Running Trim: Install with minimum number of joints possible, using full-length pieces (from maximum length of lumber available) to greatest extent possible. Scarf running joints and stagger in adjacent and related members. Fill gaps, if any, between top of base and wall with plastic wood filler, sand smooth, and finish same as wood base if finished.

G. Cabinets: Install without distortion so doors and drawers fit openings properly and are accurately aligned. Adjust hardware to center doors and drawers in openings and to provide unencumbered operation.

1. Fasten wall cabinets through back, near top and bottom, at ends and not more than 16 inches (400 mm) o.c. with No. 10 wafer-head screws sized for 1-inch (25-mm) penetration into wood framing, blocking, or hanging strips or toggle bolts through metal backing or metal framing behind wall finish.

H. Countertops: Anchor securely by screwing through corner blocks of base cabinets or other supports into underside of countertop. Calk space between backsplash and wall with sealant specified in Division 07 Section "Joint Sealants."

END OF SECTION 064023

SECTION 07131 - SELF-ADHERING SHEET WATERPROOFING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

A. This Section includes the following:

1. Rubberized-asphalt sheet waterproofing

B. Related Sections include the following:

1. Division 3 for cast-in-place concrete.

1.3 PERFORMANCE REQUIREMENTS

A. Provide waterproofing that prevents the passage of water.

1.4 SUBMITTALS

A. Product Data: Include manufacturer's written instructions for evaluating, preparing, and treating substrate, technical data, and tested physical and performance properties of waterproofing.

B. Installer Certificates: Signed by manufacturers certifying that installers comply with requirements.

C. Sample Warranty: Copy of special waterproofing manufacturer's and Installer's warranty stating obligations, remedies, limitations, and exclusions before starting waterproofing.

1.5 QUALITY ASSURANCE

A. Installer Qualifications: A qualified installer who is authorized, approved, or licensed by waterproofing manufacturer to install manufacturer's products.

B. Source Limitations: Obtain waterproofing materials molded- sheet drainage panels through one source from a single manufacturer.

C. Mock-ups: Apply waterproofing to 100 square feet of wall to demonstrate surface preparation, crack and joint treatment, corner treatment, and execution quality.

1. If Architect determines mockups do not comply with requirements, reapply

waterproofing until mockups are approved.

2. Approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

D. Pre-installation Conference: Conduct conference at Project site to comply with requirements in Division 1 Section "Project Management and Coordination." Review requirements for waterproofing, including surface preparation specified under other Sections, substrate condition and pretreatment, minimum curing period, forecasted weather conditions, special details and sheet flashings, installation procedures, testing and inspection procedures, and protection and repairs.

E. Testing Agency: Owner will engage a qualified independent testing and inspecting agency to perform tests and inspections of the work and to prepare test reports.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Deliver liquid materials to Project site in original packages with seals unbroken, labeled with manufacturer's name, product brand name and type, date of manufacture, and directions for storing and mixing with other components.

B. Store liquid materials in their original undamaged packages in a clean, dry, protected location and within temperature range required by waterproofing manufacturer.

C. Remove and replace liquid materials that cannot be applied within their stated shelf life.

D. Store rolls according to manufacturer's written instructions.

E. Protect stored materials from direct sunlight.

1.7 PROJECT CONDITIONS

A. Environmental limitations: Apply waterproofing within the range of ambient and substrate temperatures recommended by waterproofing manufacturer. Do not apply waterproofing to a damp or wet substrate.

B. Maintain adequate ventilation during preparation and application of waterproofing materials.

1.8 WARRANTY

A. Special Manufacturer's Warranty: Written warranty, signed by waterproofing manufacturer agreeing to replace waterproofing material that does not comply with requirements or that does not remain watertight during specified warranty period.

1. Warranty does not include failure of waterproofing due to failure of substrate prepared and treated according to requirements or formation of new joints and

crocks in substrate exceeding 1/16 inch in width.
2. Warranty Period: Three years after dote of Substantial Completion.

B. Special Installer's Warranty: Written waterproofing Installer's warranty, signed by Installer, covering work of this section, for warranty period of two years.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Products: Subject to compliance with requirements, provide one of the following products:

1. Rubberized-Asphalt Sheet Waterproofing:

a. American Hydrotech, Inc.; VM 75.
b. American Permaquik Inc.; PQ 7100.
c. Carlisle Corporation, Carlisle Coatings & Waterproofing Div.; CCW 701.
d. W. R. Grace & Co.; Bituthene.
e. W. R. Meadows, Inc.; Mel-Rol.
f.. T. C. MiraDri; MiraDri.
g. Polyguard Products, Inc.; Polyguard 650.

2.2 RUBBERIZED-ASPHALT SHEET WATERPROOFING

A. Rubberized-Asphalt Sheet: 60-mil- thick, self-adhering sheet consisting of 56 mils of rubberized asphalt laminated to a 4-mil- thick, polyethylene film with release liner on adhesive side.

1. Physical Properties: As follows, measured per standard test methods referenced:

a. Tensile Strength: 250 psi minimum; ASTM D 412, Die C, modified

b. Ultimate Elongation: 300 percent minimum; ASTM D 412, Die C , modified.

c. Low-Temperature Flexibility: Pass at minus 20 degrees F; ASTM D 1970.

d. Crack Cycling: Unaffected after 100 cycles of 1/8- inch movement; ASTM C 836.

e. Puncture Resistance: 40 pounds minimum; ASTM E 5385

f. Hydrostatic- Head Resistance: 150 feet minimum; ASTM D 5385.

g. water absorption: 0.15 percent weight-gain maximum after 48- hour

immersion at 70 degrees F; ASTM D 570.

h. Vapor Permeance: 0.05 perms; ASTM E 96, water method.

B. Products: Subject to compliance with requirements, provide the following at elevator pit slab:

1. Preprufe 300, W.R. Grace & Co.

2.3 AUXILIARY MATERIALS

A. General: Furnish auxiliary materials recommended by waterproofing manufacturer for intended use and compatible with sheet waterproofing.

1. Furnish liquid-type auxiliary materials that comply with VOC limits of authorities having jurisdiction.

B.Primer: liquid solvent-borne primer recommended for substrate by manufacturer of sheet Waterproofing material.

C. Surface Conditioner: liquid, waterborne surface conditioner recommended for substrate by manufacturer of sheet waterproofing material.

D. Sheet Strips: Self- adhering, rubberized-asphalt composite sheet strips of same material and thickness as sheet waterproofing.

. E. liquid Membrane: Elastomeric, two-component liquid, cold fluid applied, trowel grade or low viscosity.

F. Substrate Patching Membrane: low-viscosity, two-component, asphalt-modified coating.

G. Mastic, Adhesives, and Tape: liquid mastic and adhesives, and adhesive tapes recommended by waterproofing manufacturer.

H. Metal Termination Bars: Aluminum bars, approximately 1 inch by 1/8-inch thick, pre-drilled at 9-inch centers.

I. Protection Course: Extruded-polystyrene board insulation, unfaced, ASTM C 578 Type X, ½ inch thick.

PART 3 – EXECUTION

3.1 EXAMINATION

A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements and other conditions affecting performance.

1. Verify that concrete has cured and aged for minimum time period recommended by waterproofing manufacturer.
2. Verify that concrete is visibly dry and free of moisture. Test for capillary moisture by
plastic sheet method according to ASTM D 4263.
3. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 SURFACE PREPARATION

A. Clean, prepare, and treat substrates according to manufacturers written instructions. Provide clean, dust-free, and dry substrates for waterproofing application.

B. Mask off adjoining surfaces not receiving waterproofing to prevent spillage and overspray affecting other construction.

C. Remove grease, oil, bitumen, form-release agents, paints, curing compounds, and other penetrating contaminants or film-forming coatings from concrete.

D. Remove fins, ridges, mortar, and other projections and fill honeycomb, aggregate pockets, holes, and other voids.

E. Prepare, fill, prime, and treat joints and cracks in substrates. Remove dust and dirt from joints and cracks according to ASTM D 4258.

1. Install sheet strips and center over treated construction and contraction joints and cracks exceeding a width of 1/16 inch.

F. Bridge and cover isolation joints expansion joints and discontinuous deck-to-wall and deck to-deck joints with overlapping sheet strips.

1. Invert and loosely lay first sheet strip over center of joint. Firmly adhere second sheet strip to first and overlap to substrate.

G. Corners: Prepare, prime, and treat inside and outside corners according to ASTM D 6135.

1. Install membrane strips centered over vertical inside corners. Install 3/4-inch fillets of liquid membrane on horizontal inside corners and as follows:

a. At footing-to-wall intersections, extend liquid membrane each direction from corner or install membrane strip centered over corner.

H. Prepare, treat, and seal vertical and horizontal surfaces at terminations and penetrations through waterproofing and at drains and protrusions according to ASTM D 6135.

3.3 RUBBERIZED-ASPHALT SHEET APPLICATION

A. Install self-adhering sheets according to waterproofing manufacturers written instructions and recommendations in ASTM D 6135.

B. Apply primer to substrates at required rate and allow to dry. limit priming to areas that will be covered by sheet waterproofing in same day. Re-prime areas exposed for more than 24 hours.

C. Apply and firmly adhere sheets over area to receive waterproofing. Accurately align sheets and maintain uniform 2-1/2-inch- minimum lap widths and end laps. Overlap and seal seams and stagger end laps to ensure watertight installation.

1. When ambient and substrate temperatures range between 25 and 40 degrees F, install self-adhering, rubberized-asphalt sheets produced for low temperature application. Do not use low-temperature sheets if ambient or substrate temperature is higher than 60 degrees F.

D. Apply continuous sheets over sheet strips bridging substrate cracks, construction, and contraction joints.

E. Seal exposed edges of sheets at terminations not concealed by metal counter flashings or ending in reglets with mastic or sealant.

F. Install sheet waterproofing and auxiliary materials to tie into adjacent waterproofing. Provide continuous waterproof membrane at intersection of horizontal and vertical membranes

G. Repair tears, voids,' and lapped seams in waterproofing not complying with requirements. Slit and flatten fish mouths and blisters. Patch with sheets extending 6 inches beyond repaired areas in all directions.

H. Correct deficiencies in or remove sheet waterproofing that does not comply with requirements, repair substrates, reapply waterproofing, and repair sheet flashings.

3.4 PROTECTION AND CLEANING

A. Protection Board: Install protection board over completed membrane, complying with Manufacturer’s recommendations for both waterproofing sheet and protection course materials.

B. Protect waterproofing from damage and wear during remainder of construction period.

C. Protect installed insulation drainage panels from damage due to ultraviolet light, harmful weather exposures, physical abuse, and other causes. Provide temporary coverings where insulation will be subject to abuse and cannot be concealed and protected by permanent construction immediately after installation.

D. Clean spillage and soiling from adjacent construction using cleaning agents and procedures recommended by manufacturer of affected construction.

END OF SECTION 071310

SECTION 072100 BUILDING INSULATION

PART 1 - GENERAL

1 .1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

A. This Section includes concealed building insulation.

B. Related Sections include the following:
Division 3 Section "Cast-in-Place Concrete."
Division 9 Sections "Gypsum Board Assemblies" for installation in wood-framed assemblies of insulation specified by reference to this Section.

1.3 DEFINITIONS

A. Thermal Resistivity (R-value) is the reciprocal of thermal conductivity (k-value) which is the rate of heat flow through a homogenous material exactly 1 inch thick. Thermal resistivity (R-value) is expressed by the temperature difference in degrees F between two parallel surfaces required to cause 1 BTU to flow through 1 square foot of a homogenous material exactly 1 inch thick per hour at the mean temperature indicated.

B. LTTR: Long Term Thermal Resistance. Determine LTTR values using techniques from CAN/ULC S 770, based on ASTM C 1303.

1.4 SUBMITTALS

A. Product Data: For each type of product indicated.

B. Product Test Reports: Based on evaluation of comprehensive tests performed by a qualified testing agency, for insulation products.

C. Research/Evaluation Reports: For foam-plastic insulation.

1.5 QUALITY ASSURANCE

A. Source limitations: Obtain each type of building insulation through one source.

B. Fire-Test-Response Characteristics: Provide insulation and related materials with the fire-test-response characteristics indicated, as determined by testing identical products per test method indicated below by Ul or another testing and inspecting agency acceptable to authorities having jurisdiction. Identify materials with appropriate markings of applicoble testing and inspecting agency.

C. Surface-Burning Characteristics: ASTM E 84.

D. Fire-Resistance Ratings: ASTM E 119.

E. Combustion Characteristics: ASTM E 136.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Protect insulation materials from physical damage and from deterioration by moisture, soiling, and other sources. Store inside and in a dry location. Comply with manufacturer's written instructions for handling, storing, and protecting during installation.

B. Protect plastic insulation as follows:

C. Do not expose to sunlight, except to extent necessary for period of installation and concealment.

D. Protect against ignition at all times. Do not deliver plastic insulating materials to Project site before installation time.

E. Complete installation and concealment of plastic materials as rapidly as possible in each area of construction.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

1. Extruded-Polystyrene Board Insulation:
2. DiversiFoam Products.
3. Dow Chemical Company.
4. Owens Corning.
5. Tenneco Building Products.
8. Johns Manville Corporation.
9. Knauf Fiber Glass.
10. Owens Corning.
11. Slag-Wool-/Rock-Wool-Fiber Insulation:
12. Fibrex Insulations Inc.
13. Owens Corning.
14. Thermafiber.

2.2 INSULATING MATERIALS General: Provide insulating materials that comply with requirements and with referenced standards.

A. Preformed Units: Sizes to fit applications indicated; selected from manufacturers standard thicknesses, widths, and lengths.

B. Insulation within sound-attenuating walls and floor / ceiling construction shall be manufactured and labeled for the intended application.

C. Insulation within fire-resistive walls shall be labeled and listed with the appropriate agency, such as Ul, for the fire-resistive application referenced.

D. Extruded-Polystyrene Board Insulation: ASTM C 578, of type and density indicated below, with maximum flame-spread and smoke-developed indices of 75 and 450, respectively:

E.. Type X, 1.30 pounds per cubic foot for interior side of perimeter masonry walls. Minimum lTIR - 10.0.

a. Basis of Design: Styrofoam Z-Mate, by Dow Chemical Company.

F. Un-faced Mineral-Fiber Blanket Insulation: For use at the exterior stud walls.

1. ASTM C 665, Type I (blankets without membrane coverings), consisting of fibers manufactured from glass, slag wool, or rock wool.
2. Width of blankets shall be as necessary for friction-fitting between studs.

H. Unfaced Mineral-Fiber Blanket Insulation: "Thermafiber" mineral fiber SAFB,

1. ASTM C 665, Type I (blankets without membrane facing); consisting of fibers manufactured from manufactured from slag or rock wool, with maximum f1amespread and smoke-developed indices of 25 and 50,

respectively; passing ASTM E 136 for combustion characteristics. Minimum density 2.5 pounds per cubic foot.

2. Sound-attenuating partitions - 3 inches minimum thickness.

I. Polyurethane Foam: two-component system made by combining an isocyanate (A) component with a polyol (B) component, with the following physical characteristics:

1. Density: nominal 0.5 pounds per cubic foot
2. Tensile Strength: 5.6 pounds per square inch.
3. Thermal Performance, R-value per inch: 3.8
4. Surface Burning Characteristics: ASTM E84 Tunnel Test
5. Flame Spread - 21
6. Smoke Developed - 216
7. Polyurethane Foam Primers: Primers used shall be as recommended by the manufacturer of the spray foam materials specified.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates and conditions, with Installer present, for compliance with requirements for Sections in which substrates and related work are specified and other conditions affecting performance.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

A. Clean substrates of substances harmful to insulation, including removing projections capable of puncturing insulation blanket or of interfering with insulation attachment.

3.3 INSTALLATION, GENERAL

A. Comply with insulation manufacturer's written instructions applicable to products and application indicated.

B. Install insulation that is undamaged, dry, and unsoiled and that has not been left exposed at any time to ice and snow.

C. Extend insulation in thickness indicated to envelop entire area to be insulated. Cut and fit tightly around obstructions and fill voids with insulation. Remove projections that interfere with placement.

D. Water-Piping Coordination: If water piping is located on inside of insulated exterior walls, coordinate location of piping to ensure that it is placed on warm side of insulation and insulation encapsulates piping.

E. Apply single layer of insulation to produce thickness indicated, unless multiple layers are otherwise shown or required to make up total thickness.

3.4 INSTALLATION OF GENERAL BUILDING INSULATION

A. Apply insulation units to substrates by method indicated, complying with manufacturer's written instructions. If no specific method is indicated, bond units to substrate with adhesive or use mechanical anchorage to provide permanent placement and support of units.

B. Install mineral-fiber blankets in cavities formed by framing members according to the following requirements:

C. Use blanket widths and lengths that fill the cavities formed by framing members. If more than one length is required to fill cavity, provide lengths that will produce a snug fit between ends.
D. Place blankets in cavities formed by framing members to produce a friction fit between edges of insulation and adjoining framing members.
E. For metal-framed wall cavities where cavity heights exceed 96 inches, support unfaced blankets mechanically, and support faced blankets by taping the stapling flanges to the flanges of the metal studs.
F. Stuff glass-fiber, loose-fill insulation into miscellaneous voids and cavity spaces where shown. Compact to approximately 40 percent of normal maximum volume equaling a density of approximately 2.5 pounds per cubic foot.
G. Before installing attic insulation, inspect the attic space to verify that tops of all plumbing and party walls have been closed and that all spaces, holes and gaps that might permit insulation to fall into walls and allow air infiltration have been covered or plugged. Batts with matching R-value to be installed at all attic edges to provide baffle for blown in insulation. Make sure that batt insulation is in place at eave conditions prior to installing loose fill material.
H. Install rigid insulation between Z-shaped metal furring strips spaced at 24 inches on center where indicated over CMU walls. Insulation board shall be fit snug to the web of the furring strips, with not more than 1 /16-inch gap between the edge of the insulation board and the furring strip.
I. Do not apply sealant to the gap between the insulation board and the furring strips.

3.5 SPRAY FOAM INSULATION

A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements and other conditions affecting performance.
B. Mask adjacent surfaces.
C. Apply urethane foam as recommended by the foam manufacturer.
D. Install thickness to achieve R-value indicated.
E. Clean off residue affected by overspray.

3.6 PROTECTION

A. Do not permit insulation to contact recessed incandescent lights, unless fixtures are UL-rated for contact with insulation, or prefabricated fireplace assemblies, maintain proper clearance required by manufacturer.
B. Protect installed insulation from damage due to harmful weather exposures, physical abuse, and other causes. Provide temporary coverings or enclosures where insulation is subject to abuse and cannot be concealed and protected by permanent construction immediately after installation.
C. Replace any insulating material that becomes wet during the construction phase.

END OF SECTION

SECTION 072150 - SPRAY-ON POLYURETHANE FOAM INSULATION

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

A. This Section includes self-supported, spray-applied polyurethane foam insulation.

1 .3 REFERENCES

A. Standard Building Code

1. Section 103.7 Alternate Materials and Methods
2. Section 2603 Foam Plastic Insulation

B. Buildings Officials & Code Administrators International, Section 2603.0 Foam Plastic

C. ASTM E84 Surface Burning Characteristics

D. SBCCI Evaluation # 9758

E. Warnock Hersey Evaluation # 193 - 7081

1.4 SUBMITTALS

A. Product Data: For each type of product indicated.

B. Mockup: Before beginning installing the Work, build mockups to comply with the following requirements, using materials indicated for the completed Work:

1. Build mockups in location indicated or, if not indicated, as directed by Architect or Construction Manager.
2. Size of mock-up shall be not less than 100 square feet.
3. Notify Architect and Construction Manager seven days in advance of dates and times when mockups will be constructed.
4. Demonstrate the proposed range of aesthetic effects and workmanship.
5. Obtain Architect's and Construction Manager's approval of mockups before starting work, fabrication, or construction.
   a. Allow seven days for initial review and each re-review of each mockup.
6. Maintain mockups during construction in an undisturbed condition as a standard for judging the completed Work. -
7. Approved mockups may become part of the completed Work if

undisturbed at time of Substantial Completion.

C. Product Test Reports: Based on evaluation of comprehensive tests performed by a qualified testing agency for insulation products.

D. Research/Evaluation Reports: For foam-plastic insulation.

1 .5 QUALITY ASSURANCE

A. Source Limitations: Obtain each type of building insulation through one source from a single manufacturer.

B. Fire-Test-Response Characteristics: Provide insulation and related materials with the fire-test-response characteristics indicated, as determined by testing identical products per test method indicated below by Ul or another testing and inspecting agency acceptable to authorities having jurisdiction. Identify materials with appropriate markings of applicable testing and inspecting agency.

C. Contractor performing work under this section must be trained by Demilec (USA) llC in the art of applying SEAlECTION ™500

1.6 DELIVERY, STORAGE, AND HANDLING

A. Protect insulation materials from physical damage and from deterioration by moisture, soiling, and other sources. Store inside and in a dry location. Comply with manufacturer's written instructions for handling, storing, and protecting during installation.

B. Materials shall be delivered in manufacturers original sealed containers clearly labeled with manufacturer's name, product identification, safety, information, net weight of contents and expiration date.

C. Material is to be stored in a manner recommended by the manufacturer, and where the temperatures are in the limits specified by the material manufacturer.

D. Protect plastic insulation as

1. Do not expose to sunlight, except to extent necessary for period of installation and concealment.
2. Protect against ignition at all times. Do not deliver plastic insulating materials to Project site before installation time.
3. Complete installation and concealment of plastic materials as rapidly as possible in each area of construction.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. In other Part 2 articles where titles below introduce lists, the following requirements apply to product selection:

1. Available Products: Subject to compliance with requirements, products that may be incorporated into the Work include, but ore not limited to, products specified.

2.2 SPRAY-APPLIED POLYURETHANE FOAM INSULATION

A. Spray Applied Semi Rigid Polyurethane Foam Insulation system

B. Product: SEALECTION ™500 Manufactured by Demilec (USA) LLC, Grand Prairie, Texas.

C. Properties:

METHOD	DESCRIPTION	VALUE
ASTM D 1622	Density	0.45 - 0.5 pounds per bic foot
ASTM C 518	Thermal Resistance 2 days @ 760 F Thermal Resistance 90 days @ 760 F	3.81 degrees F x h x /BTU at 75 deg F 3.81 degrees F x h x /BTU at 75 degrees F
ASTM E 283 -	Air leakage @ 75 Po (25 miles/hr. wind) Sustained Wind Load for 60 minutes @ 1000 miles per hour wind) Gust Wind load Test @ 3000 Po (160	0.00013 cubicfeet per square foot No damage No damage
ASTM D 1621	Compressive Strength	0.7 psi
ASTM D 1623	Tensile Strength	2.5 psi
ASTM E 413-87 ASTM C 423	Sound Transmission Class (STC) Noise Reduction Coefficient (NRC)	39 75
ASTM E 96	Water Vapor Permeance	*318 ng/Pa* s.m2
CGSB 51.23-92	Off Gassing Tests (VOC Emissions)	Pass (No toxic vapors)

ASTM E84	Surface Burning Characteristics (6 inches) • Flame Spread Index • Smoke Development	 21 - Class 1 216

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates and conditions, with Installer present, for compliance with requirements of Sections in which substrates and related work are specified and for other conditions affecting performance.

1. Proceed with installation only after unsatisfactory conditions have been corrected.

B. Verify that surfaces and conditions are suitable to accept work as outlined in this section.

C. Report in writing, any defects in surfaces or conditions which may adversely affect the performance of products installed under this section to the consultant prior to commencement of work.

D. Commencement of work outlined in this section shall be deemed as acceptance of existing work and conditions.

3.2 PREPARATION

A. Clean substrates of substances harmful to insulation, including removing projections capable of interfering with insulation attachment.

B. Perform adhesion test on mock-up sample. Proceed only after confirmation that manufacturer's recommended adhesion is obtained.

3.3 INSTALLATION

A. Comply with insulation manufacturer's written instructions applicable to products and application indicated.

B. Install insulation that is undamaged, dry, and unsoiled and that has not been left exposed at any time to ice, rain, and snow.

C. Extend insulation in thickness indicated to envelop entire area to be insulated.

D. Apply self-supported, spray-applied polyurethane insulation according to manufacturer's written instructions. Do not apply insulation until installation of pipes, ducts, conduits, wiring, and electrical outlets in walls is completed and windows, electrical boxes, and other items not indicated to receive insulation are masked.

3.4 PROTECTION

A. Protect installed insulation from damage due to harmful weather exposures, physical abuse, and other causes. Provide temporary coverings or enclosures where insulation is subject to abuse and cannot be concealed and protected by permanent construction immediately after installation.

END OF SECTION 07215

SECTION 072600 UNDER-SLAB VAPOR BARRIER

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Construction Agreement and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Products Supplied Under This Section include Vapor Barrier, seam tope, pipe boots, detail strip for installation under concrete slobs on grade.

1 .3 REFERENCES

A. American Society for Testing and Materials (ASTM)

1. ASTM E 1745-97 Standard Specification for Plastic Water Vapor Retarders Used in Contact with Soil or Granular Fill Under Concrete Slabs
2. ASTM E 154-88 Standard Test Methods for Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs
3. ASTM E 96-95 Standard Test Methods for Water Vapor Transmission of Materials
4. ASTM E 1643-98 Standard Practice for Installation of Water Vapor Retarders Used in Contact with Earth or Granular Fill Under Concrete Slabs

B. American Concrete Institute (ACI): ACI 302.1 R-96 Vapor: Barrier Component (plastic membrane) not less than 10 mils thick

1 .4 SUBMITTALS

A. Independent laboratory test results showing compliance with ASTM & ACI Standards.

B. Manufacturer's samples, product literature for sheet, seam tape, and accessories.

C. Manufacturer's installation instructions for placement, seaming, and pipe penetration boot installation.

PART 2 - PRODUCTS

2 .1 MATERIAL

A. Vapor Barrier: membrane shall have the following qualities:

1. Maximum Permeance per ASTM E-154 Section 7: 0.03 Perms
2. Water Vapor Barrier ASTME-17 45: Meets or exceeds Class A
3. Thickness of Barrier (plastic) ACI 302.1 R-96.

B. Products: Subject to compliance with requirements, provide one of the products specified:

1. Stego Wrap 15 mil Vapor Barrier by Stego Industries LLC.
2. Vapor Block 15 by Raven Industries
3. Griffolyn T -105 by Reef Industries
4. Moistop Ultra "A" by Fortifiber

2.2 ACCESSORIES

A. Seam Tape: High Density Polyethylene Tape with pressure sensitive adhesive. Minimum width 4 inches.
B. Pipe Boots: Construct pipe boots from vapor barrier material and pressure sensitive tope per manufacturer's instructions.

PART 3 - EXECUTION

3.1 PREPARATION
A. Level and tamp or roll aggregate, sand or tamped earth base. Ensure that subsoil is approved by geotechnical engineer.

3.2 INSTALLATION
A. Installation shall be in accordance with manufacturer's instructions and ASTM E 1643.
1. Unroll Vapor Barrier with the longest dimension parallel with the direction of the pour.
2. Lap Vapor Barrier over footings and seal to foundation walls.
3. Overlap side and end joints between sheets 6 inches and seal with pressure sensitive tape.
4. Seal all penetrations (including pipes) with pipe boot mode from Vapor Barrier and tape.
5. No penetration of the vapor barrier is allowed except for reinforcing steel and Permanent utilities.
6. Repair damaged areas by cutting patches of vapor barrier, overlapping damaged area 6 inches and taping all four sides with pressure sensitive tape.

END OF SECTION 072600

SECTION 072650 WEATHER BARRIERS

PART 1 -GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Construction Agreement and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

A. This Section includes the following:
   1. Air infiltration I Moisture Barrier
   2. Self-adhering flexible flashing to connect and seal materials at openings and penetrations in exterior wall construction.

B. Related Sections include the following:
   1. Section – Gypsum Sheathing.
   2. Section - Rough Carpentry.
   3. Section - Flashing and Sheet Metal
   4. Section - Joint Sealants
   5. Section Aluminum-Storefront

1.3 SUBMITTALS

A. Product Data: Manufacturer's specifications and technical data for each type weather barrier material installed, including installation and substrate preparation instruction and applicable Material Safety Data Sheets.

B. Samples: Submit 6-inch square samples of self-adhering flexible flashing.

1.4 DELIVERY, STORAGE AND HANDLING

A. Deliver in original, unopened packaging with seals intact and bearing legible labels identifying manufacturer, product name and grade, and contents. Include installation and substrate preparation instructions.

B. Store in dry, ventilated spaces.

C. Follow manufacturer's storage and handling instructions.

PART 2 - PRODUCTS

2.1 MATERIALS

A. Air 1nfiltration / Moisture Barrier: Non-woven, air and secondary weather barrier.
   1. Spun-bonded olefin, non-woven, non-perforated
   2. Air Penetration, .004 CFM per square foot at 75 Pa pressure; ASTM E-1677 Type 1 air barrier.
   3. Water vapor transmission, not less than 50 perm, per ASTM E96, Method B.
   4. Water penetration resistance of not less than 200 cm of hydrostatic head In accordance with AATCC-127.
   5. Tear resistance (trapezoid), 7/9 pounds, per ASTM D-1117

B. DuPont IFlexWrap"

C. DuPont "StraightFlash"

D. Perm-A-Barrier Membrane; W.R. Grace
E. Miradri TWF; Mirafi
F. Polyguard
G. Vycor 40; Grace Construction Products
H. Miscellaneous Materials: Provide fasteners, primers, adhesive compounds, and other materials recommended by weather barrier materials manufacturers for securement to substrates.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine installation areas. Do not proceed until unsatisfactory conditions have been corrected.

Starting work constitutes acceptance of conditions as satisfactory for installation of weather barrier by Contractor.

3.2 INSTALLATION

A. Coordination: Coordinate installation of weather barrier with installation of flashing and other components of exterior wall construction to ensure drainage of entrapped water to exterior.
B. Install weather barrier in accordance with manufacturer's published installation guidelines and recommendations. Prepare window and door openings in strict accordance with the manufacturer's recommended methods and materials.
C. Weather Barrier: Cover wall sheathing with membrane horizontally with a 6 inch overlap and a 6 inch end lop. Fasten to sheathing with corrosion-resistant nails with plastic washers. Coordinate with related self-adhering membrane sheeting as indicated in drawings and in manufacturer's literature.
D. First course of weather barrier shall extend below the sill plate. Seal bottom edge of the weather barrier to the foundation substrate continuously with polyurethane sealant.
E. Use lap seam sealant tope provided by the manufacturer of the weather barrier at each horizontal lap seam.
F. Cut out window and door openings in strict accordance with the manufacturer's installation guidelines. Wrap material back into the openings and seal with tope.
G. Self Adhering Flexible Flashing: Install at perimeters of windows, doors, louvers, vents, sheathing control joints, building expansion joints, floor levels, flashing, penetrations of exterior wall surfaces and as indicated in drawing prior to installation of exterior surfacing materials. Coordinate with weather barrier to provide continuous barrier as indicated on drawings.
    1 . Apply manufacturer's recommended primer on wood and masonry substrates in accordance with instructions, and allow to dry as recommended prior to installation of flexible flashing.
H. Cut flashing in lengths required for application of flashing at bottom, sides, and top of windows, doors, louvers, control and expansion joints, and other locations as indicated. Remove release liner and apply membrane starting from lowest point and work upward in a shingle manner. Secure flashing firmly in place with staples and self-adhering adhesive backing.

I. Seal seams, laps, protrusions, and accidental cuts with manufacturer's recommended mastic.
J. At sills of openings, provide end dams extending 4 inches up sides of openings.
K. Fold minimum 4 inches onto vertical plane of wall over building weather barrier.
L. Repair: Repair torn or damaged weather barrier materials prior to installation of exterior wall surfacing materials,' overlapping materials in shingle manner to ensure drainage of entrapped water to exterior.

END OF SECTION

SECTION 074113 - METAL ROOF PANELS

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Exposed-fastener, lap-seam metal roof panels.
2. Concealed-fastener, lap-seam metal roof panels.
3. Standing-seam metal roof panels.
4. Batten-seam metal roof panels.
5. Metal soffit panels.

B. Related Sections:

1. Division 07 Section "Sheet Metal Roofing" for custom-fabricated and on-site, roll-formed sheet metal roofing.

1.2 PERFORMANCE REQUIREMENTS

A. Hydrostatic-Head Resistance: No water penetration when tested according to ASTM E 2140.

B. Wind-Uplift Resistance: Provide metal roof panel assemblies that comply with UL 580 for wind-uplift-resistance.

C. FMG Listing: Provide metal roof panels and component materials that comply with requirements in FMG 4471 as part of a panel roofing system and that are listed in FMG's "Approval Guide" for Class 1 or noncombustible construction, as applicable. Identify materials with FMG markings.

D. Structural Performance: Provide metal roof panel assemblies capable of withstanding the effects of gravity loads and the following loads and stresses within limits and under conditions indicated, based on testing according to ASTM E 1592:

E. Energy Performance: Provide roof panels that are listed on the U.S. Department of Energy's ENERGY STAR Roof Products Qualified Product List for steep-slope roof products.

1.3 SUBMITTALS

A. Product Data: For each type of product indicated.

B. Shop Drawings: Show fabrication and installation layouts of metal roof panels; details of edge conditions, side-seam and endlap joints, panel profiles, corners, anchorages,

trim, flashings, closures, and accessories; and special details. Distinguish between factory- and field-assembled work.

C. Samples: For each type of exposed finish required.

D. Delegated-Design Submittal: For metal roof panel assembly indicated to comply with performance requirements and design criteria, including analysis data and calculations signed and sealed by the qualified professional engineer responsible for their preparation.

E. Coordination Drawings: Roof plans, drawn to scale, based on input from installers of the items involved.

F. Maintenance data.

G. Warranties: Samples of special warranties.

1.4 QUALITY ASSURANCE

A. Installer Qualifications: An employer of workers trained and approved by manufacturer.

1.5 WARRANTY

A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace metal roof panel assemblies that fail in materials or workmanship within specified warranty period.

1. Warranty Period: Two years from date of Substantial Completion.

B. Special Warranty on Panel Finishes: Manufacturer's standard form in which manufacturer agrees to repair finish or replace metal roof panels that show evidence of deterioration of factory-applied finishes within specified warranty period.

1. Finish Warranty Period: 10 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 PANEL MATERIALS

A. Metallic-Coated Steel Sheet: Restricted flatness steel sheet metallic coated by the hot-dip process and pre-painted by the coil-coating process to comply with ASTM A 755/A 755M.
1. Zinc-Coated (Galvanized) Steel Sheet: ASTM A 653/A 653M, G90 coating designation; structural quality.
2. Aluminum-Zinc Alloy-Coated Steel Sheet: ASTM A 792/A 792M, Class AZ50 coating designation, Grade 40; structural quality.

3. Surface: Smooth, flat finish.
4. Exposed Coil-Coated Finish:

    a. 2-Coat Fluoropolymer: AAMA 621. Fluoropolymer finish containing not less than 70 percent PVDF resin by weight in color coat.
    b. 3-Coat Fluoropolymer: AAMA 621. Fluoropolymer finish containing not less than 70 percent PVDF resin by weight in both color coat and clear topcoat.
    c. Siliconized Polyester: Epoxy primer and silicone-modified, polyester-enamel topcoat; with a dry film thickness of not less than 0.2 mil (0.005 mm) for primer and 0.8 mil (0.02 mm) for topcoat.

5. Concealed Finish: Manufacturer's standard white or light-colored acrylic or polyester backer finish.

B. Panel Sealants:

1. Sealant Tape: Pressure-sensitive, 100 percent solids, gray polyisobutylene compound sealant tape with release-paper backing; 1/2 inch (13 mm) wide and 1/8 inch (3 mm) thick.
2. Joint Sealant: ASTM C 920; as recommended in writing by metal roof panel manufacturer.
3. Butyl-Rubber-Based, Solvent-Release Sealant: ASTM C 1311.

2.2 MISCELLANEOUS MATERIALS

A. Panel Fasteners: Self-tapping screws, bolts, nuts, self-locking rivets and bolts, end-welded studs, and other suitable fasteners designed to withstand design loads. Provide exposed fasteners with heads matching color of metal roof panels by means of plastic caps or factory-applied coating. Provide EPDM, PVC, or neoprene sealing washers.

B. Bituminous Coating: Cold-applied asphalt mastic, SSPC-Paint 12, compounded for 15-mil (0.4-mm) dry film thickness per coat. Provide inert-type noncorrosive compound free of asbestos fibers, sulfur components, and other deleterious impurities.

2.3 STANDING-SEAM METAL ROOF PANELS

A. General: Provide factory-formed metal roof panels designed to be installed by lapping and interconnecting raised side edges of adjacent panels with joint type indicated and mechanically attaching panels to supports using concealed clips in side laps. Include clips, cleats, pressure plates, and accessories required for weathertight installation.

1. Steel Panel Systems: Unless more stringent requirements are indicated, comply with ASTM E 1514.

2. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

    a. AEP-Span.
    b. Architectural Building Components.
    c. Architectural Metal Systems.
    d. Architectural Roofing and Siding, Inc.
    e. ATAS International, Inc.
    f. Berridge Manufacturing Company.
    g. Butler Manufacturing; a BlueScope Steel company.
    h. CENTRIA Architectural Systems.
    i. Copper Sales, Inc.
    j. Dimensional Metals, Inc.
    k. Englert, Inc.
    l. Fabral.
    m. Flexospan Steel Buildings, Inc.
    n. Galvamet; Galvacer Building Systems.
    o. IMETCO.
    p. Integris Metals.
    q. MBCI; a division of NCI Building Systems, L. P.
    r. McElroy Metal, Inc.
    s. Merchant & Evans.
    t. Metal-Fab Manufacturing, LLC.
    u. Metal Sales Manufacturing Corporation.
    v. Metecno-Morin; Division of Metecno Inc.
    w. Modern Metal Systems, Inc.
    x. Petersen Aluminum Corporation.
    y. Steelox Systems, L.L.C.
    z. Ultra Seam Incorporated.
    aa. United Steel Deck Inc.; Subsidiary of Bouras Industries Inc.
    bb. VICWEST; Div. of Jenisys Engineered Products.

3. Profile: Vertical-rib, snap-joint, as indicated on Drawings.
4. Material: Zinc-coated (galvanized) steel sheet.

    a. Exterior Finish: 3-coat fluoropolymer.
    b. Color: As selected by Architect from manufacturer's standard colors.

5. Clips: Floating to accommodate thermal movement.

    a. Material: Metallic coated steel.

6. Joint Type: As standard with manufacturer.

2.4 ACCESSORIES

A. Roof Panel Accessories: Provide components approved by roof panel manufacturer and as required for a complete metal roof panel assembly including trim, copings,

fasciae, corner units, ridge closures, clips, flashings, sealants, gaskets, fillers, closure strips, and similar items. Match material and finish of metal roof panels unless otherwise indicated.

1. Closures: Provide closures at eaves and ridges, fabricated of same metal as metal roof panels.
2. Closure Strips: Closed-cell, expanded, cellular, rubber or crosslinked, polyolefin-foam or closed-cell laminated polyethylene; minimum 1-inch- (25-mm-) thick, flexible closure strips; cut or premolded to match metal roof panel profile. Provide closure strips where indicated or necessary to ensure weathertight construction.
3. Backing Plates: Provide metal backing plates at panel end splices, fabricated from material recommended by manufacturer.

B. Flashing and Trim: Formed from same material as roof panels, prepainted with coil coating, minimum 0.018 inch (0.45 mm) thick. Provide flashing and trim as required to seal against weather and to provide finished appearance. Locations include, but are not limited to, eaves, rakes, corners, bases, framed openings, ridges, fasciae, and fillers. Finish flashing and trim with same finish system as adjacent metal roof panels.

C. Gutters: Formed from same material roof panels. Match profile of gable trim, complete with end pieces, outlet tubes, and other special pieces as required. Fabricate in minimum 96-inch- (2400-mm-) long sections, of size and metal thickness according to SMACNA's "Architectural Sheet Metal Manual." Furnish gutter supports spaced a maximum of 36 inches (900 mm) o.c., fabricated from same metal as gutters. Provide wire ball strainers of compatible metal at outlets. Finish gutters to match [metal roof panels] [roof fascia and rake trim].

D. Downspouts: Formed from same material as roof panels. Fabricate in 10-foot- (3-m-) long sections, complete with formed elbows and offsets, of size and metal thickness according to SMACNA's "Architectural Sheet Metal Manual". Finish downspouts to match gutters.

2.5 FABRICATION

A. Fabricate and finish metal roof panels and accessories at the factory to greatest extent possible, by manufacturer's standard procedures and processes and as necessary to fulfill indicated performance requirements. Comply with indicated profiles and with dimensional and structural requirements.

B. Provide panel profile, including major ribs and intermediate stiffening ribs, if any, for full length of panel.

C. Fabricate metal roof panel side laps with factory-installed captive gaskets or separator strips that provide a tight seal and prevent metal-to-metal contact, in a manner that will seal weathertight and minimize noise from movements within panel assembly.

D. Sheet Metal Accessories: Fabricate flashing and trim to comply with recommendations in SMACNA's "Architectural Sheet Metal Manual" that apply to the design, dimensions, metal, and other characteristics of item indicated.

PART 3 - EXECUTION

3.1 PREPARATION

A. Substrate Board: Install substrate boards over roof deck on entire roof surface. Attach with substrate-board fasteners.

1. Install substrate board with long joints in continuous straight lines, perpendicular to roof slopes with end joints staggered between rows. Tightly butt substrate boards together.

B. Miscellaneous Framing: Install subpurlins, eave angles, furring, and other miscellaneous roof panel support members and anchorage according to metal roof panel manufacturer's written instructions.

3.2 UNDERLAYMENT INSTALLATION

A. Self-Adhering Sheet Underlayment: Apply primer if required by manufacturer. Comply with temperature restrictions of underlayment manufacturer for installation. Apply at locations indicated on Drawings, wrinkle free, in shingle fashion to shed water, and with end laps of not less than 6 inches (150 mm) staggered 24 inches (600 mm) between courses. Overlap side edges not less than 3-1/2 inches (90 mm). Roll laps with roller. Cover underlayment within 14 days.

B. Felt Underlayment: Apply at locations indicated on Drawings, in shingle fashion to shed water, and with lapped joints of not less than 2 inches (50 mm).

C. Apply slip sheet over underlayment before installing metal roof panels.

D. Install flashings to cover underlayment to comply with requirements specified in Division 07 Section "Sheet Metal Flashing and Trim."

E. Repair tears or punctures immediately before concealment by other work.

3.3 METAL ROOF PANEL INSTALLATION

A. Standing-Seam Metal Roof Panels: Fasten metal roof panels to supports with concealed clips at each standing-seam joint at location, spacing, and with fasteners recommended by manufacturer.

1. Install clips to supports with self-tapping fasteners.
2. Install pressure plates at locations indicated in manufacturer's written installation instructions.

3. Snap Joint: Nest standing seams and fasten together by interlocking and completely engaging factory-applied sealant.
4. Seamed Joint: Crimp standing seams with manufacturer-approved, motorized seamer tool so clip, metal roof panel, and factory-applied sealant are completely engaged.

3.4 ACCESSORY INSTALLATION

A. General: Install accessories with positive anchorage to building and weathertight mounting and provide for thermal expansion. Coordinate installation with flashings and other components.

1. Install components required for a complete metal roof panel assembly including trim, copings, ridge closures, seam covers, flashings, sealants, gaskets, fillers, closure strips, and similar items.
2. Flashing and Trim: Comply with performance requirements, manufacturer's written installation instructions, and SMACNA's "Architectural Sheet Metal Manual." Provide concealed fasteners where possible, and set units true to line and level as indicated. Install work with laps, joints, and seams that will be permanently watertight and weather resistant.
3. Provide elbows at base of downspouts to direct water away from building.

3.5 CLEANING

A. Remove temporary protective coverings and strippable films, if any, as metal roof panels are installed unless otherwise indicated in manufacturer's written installation instructions. On completion of metal roof panel installation, clean finished surfaces as recommended by metal roof panel manufacturer. Maintain in a clean condition during construction.

END OF SECTION 074113

SECTION 074600 - SIDING

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes fiber-cement siding.

1.2 SUBMITTALS

A. Product Data: For each type of product indicated.

1. For vinyl siding, include VSI's official certification logo printed on product data.

B. Samples: For siding including related accessories.

C. Qualification Data: For qualified vinyl siding Installer.

D. Product certificates.

E. Product test reports.

F. Research/evaluation reports.

G. Maintenance data.

H. Warranty: Sample of special warranty.

1.3 QUALITY ASSURANCE

A. Labeling: Provide fiber-cement siding that is tested and labeled according to ASTM C 1186 by a qualified testing agency acceptable to authorities having jurisdiction.

B. Vinyl Siding Installer Qualifications: A qualified installer who employs a VSI-Certified Installer on Project.

C. Vinyl Siding Certification Program: Provide vinyl siding products that are listed in VSI's list of certified products.

D. Source Limitations: Obtain each type, color, texture, and pattern of siding, including related accessories, from single source from single manufacturer.

E. Pre-installation Conference: Conduct conference at Project site.

1.4 WARRANTY

A. Special Warranty: Standard form in which manufacturer agrees to repair or replace siding that fail(s) in materials or workmanship within specified warranty period.

1. Warranty Period: 25 years from date of Substantial Completion.

1.5 EXTRA MATERIALS

A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.

1. Furnish full lengths of siding including related accessories, in a quantity equal to 2 percent of amount installed.

PART 2 - PRODUCTS

2.1 FIBER-CEMENT SIDING

A. General: ASTM C 1186, Type A, Grade II, fiber-cement board, noncombustible when tested according to ASTM E 136; with a flame-spread index of 25 or less when tested according to ASTM E 84.

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

2. Basis-of-Design Product: Subject to compliance with requirements, provide James Hardie or equivalent.

3. Horizontal Pattern: Boards 5-1/4 inches (133 mm) plain style.

a. Texture: Rough sawn.

4. Vertical Pattern: 48-inch- (1200-mm-) wide board and batten sheets with wood-grain texture and manufacturers fiber board nailed per manufacturers reccomendations. 1X2 battens @ 16 inches (300 mm) o.c. and at sheet joints adhered with manufacturers adhesive as recommended to conceal all mechanical fasteners. Note: Do not nail any battens.

5. All hardi-siding to have integral color.

2.2 ACCESSORIES

A. Siding Accessories, General: Provide starter strips, edge trim, outside and inside corner caps, and other items as recommended by siding manufacturer for building configuration.

1. Provide accessories made from same material as adjacent siding unless otherwise indicated.

B. Flashing: Provide aluminum flashing complying with Division 07 Section "Sheet Metal Flashing and Trim" at window and door heads and where indicated.

1. Finish for Aluminum Flashing: High-performance organic finish, same color as siding.

C. Fasteners:

1. For fastening to wood, use siding nails of sufficient length to penetrate a minimum of 1 inch (25 mm) into substrate.
2. For fastening to metal, use ribbed bugle-head screws of sufficient length to penetrate a minimum of 1/4 inch (6 mm), or three screw-threads, into substrate.
3. For fastening aluminum, use aluminum fasteners. Where fasteners will be exposed to view, use prefinished aluminum fasteners in color to match item being fastened.
4. For fastening fiber cement, use hot-dip galvanized fasteners.
5. For fastening vinyl, use hot-dip galvanized fasteners. Where fasteners will be exposed to view, use prefinished aluminum fasteners in color to match item being fastened.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates for compliance with requirements for installation tolerances and other conditions affecting performance of siding and related accessories.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

A. General: Comply with siding manufacturer's written installation instructions applicable to products and applications indicated unless more stringent requirements apply.

1. Do not install damaged components.
2. Center nails in elongated nailing slots without binding siding to allow for thermal movement.

B. Install fiber-cement siding and related accessories.

1. Install fasteners no more than 24 inches (600 mm) o.c.

C. Install joint sealants as specified in Division 07 Section "Joint Sealants" and to produce weather tight installation.

D. Where aluminum siding will contact dissimilar metals, protect against galvanic action by painting contact surfaces with primer or by applying sealant or tape or installing nonconductive spacers as recommended by manufacturer for this purpose.

3.3 ADJUSTING AND CLEANING

A. Remove damaged, improperly installed, or otherwise defective materials and replace with new materials complying with specified requirements.

B. Clean finished surfaces according to manufacturer's written instructions and maintain in a clean condition during construction.

END OF SECTION 074600

DIVISION 075000 UNDERLAYMENTS

Part 1 General

1.01 Summary

A. Section Includes: Grace Ice & Water Shield" self-adhering membrane as a sloped roof underlayment.

B. Related Sections:

1. Section: Rough Carpentry
2. Section: Building Insulation
3. Section: Metal Roofing
4. Section: Sheet Metal Flashing and Trim

1.02 References

A. American Society for Testing and Materials (ASTM)

1. D412 Standard Test Methods for Vulcanized Rubber and Elastomeric Tension
2. D461 Standard Test Methods for Felt
3. D903 Test Methods for Peel or Stripping Strength of Adhesive Bonds
4. D1970 Standard Specification for Self-Adhering Polymer Modified Bituminous Sheet a. Materials Used as Steep Roofing Underlayment for Ice Dam Protection
5. D3767 Standard Practice for Rubber Measurement of Dimensions
6. E96 Standard Test Methods for Water Vapor Transmission of Materials

1.03 Submittals

A. Manufacturer's product data sheet and product sample.

1.04 Quality Assurance

A. Manufacturer Qualifications: Self-adhesive membrane roofing underlayment shall be manufactured and marketed by W. R. Grace & Co.-Conn., Grace Construction Products, Cambridge, MA or a firm with a minimum of 25 years experience in the production and sales of self-adhered membrane roofing underlayments.

1.06 Delivery, Storage and Handling

A. The membrane and accessory products must be handled properly. Read all product labels and Material Safety Data Sheets (MSDSs) for proper handling and disposal. Deliver all materials in manufacturer's unopened packages and store all materials under cover. Do not double stack palletized material.

Part 2 Products

2.02 Manufacturers and Products

A. Acceptable Products and Manufacturers:

1. Grace Ice & Water Shield manufactured by W. R. Grace & Co.-Conn., Grace Construction Products, Cambridge, MA.

2.03 Materials

A. Grace Ice & Water Shield is a cold-applied, self-adhering membrane composed of a high density, cross laminated polyethylene film coated on one side with a layer of rubberized asphalt adhesive. An embossed, slip resistant surface is

provided on the polyethylene. Grace Tee & Water Shield is interwound with a disposable silicone coated release sheet. Membrane shall conform to the physical properties as listed in the chart below:

Property	Value	Test Method
Color	Gray-black	
Thickness, membrane	40 mil (1.02 mm)	ASTM 03767 procedure A (Section
Tensile strength, membrane	250 psi (1720 kN/m2)	ASTM 0412 (Die C
Elongation, membrane	250%	ASTM 0412 (Die C
Low temperature flexibility	Unaffected @ -20°F (-29°C)	ASTM 01970
Adhesion to plywood	3.0 lbs/in. width (525 N/m)	ASTM 0903
Permeance (max)	0.05 Perms (2.9 ng/m2s Pal	ASTM E96
Material weight installed	0.3 lb/ft2 (1.3 kg 1m2)	ASTM 0461

2.04 Accessories

A. Accessory Products: Perm-A-BalTier" WB Primer.

B. Prime wood composition and gypsum sheathing with Perm-A-BalTier WB Primer if adhesion is found to be marginal. (Refer to Technical Letter 12, Use on Oriented Strand Board (OSB) Roof Sheathing.) Apply at same rate.

C. Priming is not required for other suitable surfaces provided that they are clean and dry.

Part 3 Execution

3.02 Preparation

A. Install the membrane directly on a clean, dry, continuous structural deck. Some suitable deck materials include plywood, wood composition, wood plank, metal, concrete, or gypsum sheathing. Remove dust, dirt, loose nails, and old roofing materials. Protrusions from the deck area must be removed. Decks shall have no voids, damaged, or unsupported areas. Repair deck areas before installing the membrane.

Prime concrete, masonry surfaces and DensDeck® with Perm-A-Barrier WB Primer at a rate of250-350 ft2/gal (6-8 m2/L).

3.03 Installation

A. Install in strict accordance with manufacturer's printed application procedures, precautions, and limitations.

END OF SECTION 075000

SECTION 076000 FLASHING AND SHEET METAL

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of Construction Agreement and Division 1 Specification Sections apply to this Section.

1.2 SUMMARY

A. This Section includes the following sheet metal fabrications, flashing and counterflashing, and trim:
   1. Metal flashing, drip caps, fascia roof edge, and drip edge strips at porch waterproofing.
   2. Gutters and downspouts.
   3. Counter-flashing and reglets.
   4. Soffit Vents

B. Related Sections include the following:
   1. Division 6 Sections "Rough Carpentry" and "Finish Carpentry" for wood trim, wood nailers, and blocking.
   2. Section "Metal Roof Panels".
   3. Section SBS-Modified Bituminous Sheet Roofing
   4. Section - Manufactured Roof Specialties for parapet wall coping.
   5. Section - Joint/Sealers.

1.3 PERFORMANCE REQUIREMENTS

A. All sheet metal work shall be in conformance with details and recommendations of the Sheet Metal and Air Conditioning Contractor's National Association (SMACNA), Architectural Sheet Metal Manual (latest edition).

B. Install sheet metal flashing and trim to withstand wind loads, structural movement, thermally induced movement, and exposure to weather without failing, rattling, leaking, and fastener disengagement.

C. Fabricate and install roof edge flashing and copings capable of resisting the following forces according to recommendations in FMG Loss Prevention Data Sheet 1-49:

D. Wind Zone 2: For velocity pressures of 31 to 45 pounds-force per square foot: 90 pounds-force per square foot perimeter uplift force, 120 pounds-force per square foot corner uplift force, and 45 pounds-force per square foot outward force.

E. Thermal Movements: Provide sheet metal flashing and trim that allow for thermal movements resulting from the following maximum change (range) in ambient and surface temperatures by preventing buckling, opening of joints, hole elongation, overstressing of components, failure of joint sealants, failure of connections, and other detrimental effects. Provide clips that resist rotation and avoid shear stress as a result of sheet metal and trim thermal movements. Base engineering calculation on surface temperatures of materials due to both solar heat gain and night time-sky heat loss.

F. Temperature Change (Range): 120 degrees F, ambient; 180 degrees F, material surfaces.

Water Infiltration: Provide sheet metal flashing and trim that do not allow water infiltration to building interior.

PART 2 - PRODUCTS

2.1 MATERIALS

A. Stainless Steel Sheet: ASTM a 240, Type 302 or 304, finished as follows:

B. Match finish of adjacent metal roofing.

2.2 UNDERLAYMENT MATERIALS

A. Self-Adhering, High-Temperature Sheet: 30 to 40 mils thick minimum, consisting of slip-resisting polyethylene-film top surface laminated to layer of butyl or SBS modified asphalt adhesive, with release-paper backing; cold applied. Provide primer when recommended by underlayment manufacturer.

2.4 FLASHING AND SHEET METAL

A. General: Provide materials and types of fasteners, solder, welding rods, protective coatings, separators, sealants, and other miscellaneous items as required for complete sheet metal flashing and trim installation.

B. Fasteners: Wood screws, annular threaded nails, self-tapping screws, self-locking rivets and bolts, and other suitable fasteners designed to withstand design loads.

1 . Exposed Fasteners: Heads matching color of sheet metal by means of plastic cops or factory-applied coating.

C. Fasteners for Flashing and Trim: Blind fasteners or self-drilling screws, gasketed, with hex washer head.

D. Blind Fasteners: High-strength stainless-steel rivets.

E. Sealing Tape: Pressure-sensitive, 100 percent solids, polyisobutylene compound sealing tope with release-paper backing. Provide permanently elastic, non-sag, nontoxic, non-staining tape.

F. Elastomeric Sealant: ASTM C 920, elastomeric polyurethane sealant; of type, grade, class, and use classifications required to seal joints in sheet metal flashing and trim and remain watertight.

G. Bituminous Coating: Cold-applied asphalt mastic, SSPC-Paint 12, compounded for 15-mil dry film thickness per coat. Provide inert-type non-corrosive compound free of asbestos fibers, sulfur components, and other deleterious impurities.

H. Asphalt Roofing Cement: ASTM D 4586, asbestos free, of consistency required for application.

2.5 FABRICATION, GENERAL

A. General: Custom fabricate sheet metal flashing and trim to comply with recommendations in SMACNA's "Architectural Sheet Metal Manual" that apply to design, dimensions, metal, and other characteristics of item indicated. Shop fabricate items where practicable. Obtain field measurements for accurate fit before shop fabrication.

B. Fabricate sheet metal flashing and trim in thickness or weight needed to comply with performance requirements, but not less than that specified for each application and metal. Fabricate sheet metal flashing and trim without excessive

oil canning, buckling, and tool marks and true to line and levels indicated, with exposed edges folded back to form hems.

C. Seams for Stainless Steel: Provide watertight, continuously welded seams..

D. Sealed Joints: Form non-expansion but movable joints in metal to accommodate elastomeric sealant to comply with SMACNA recommendations.

E. Expansion Provisions: Where lapped or bayonet-type expansion provisions in the Work cannot be used, form expansion joints of intermeshing hooked flanges, not less than 1 inch deep, filled with elastomeric sealant concealed within joints.

F. Conceal fasteners and expansion provisions where possible on exposed-to-view sheet metal flashing and trim, unless otherwise indicated.

G. Fabricate cleats and attachment devices from same material as accessory being anchored or from compatible, non-corrosive metal.

H. Thickness: As indicated in the Drawings, but not less than as recommended by SMACNA's "Architectural Sheet Metal Manual" for application, and not less than thickness of metal being secured.

2.6 SHEET METAL FABRICATIONS

A. Stainless Steel: Fabricate from 0.018- inch material, unless indicated otherwise.

2.7 ROOF DRAINAGE SHEET METAL FABRICATIONS

A. Gutters: Manufactured formed gutter in uniform section lengths not exceeding 12 feet, with mitered and welded or soldered corner units, end caps, outlet tubes, and other accessories. Elevate back edge at least 1 inch above front gutter rim. Furnish with expansion joints and expansion-joint covers fabricated from same metal as gutters. Fabrication shall be in accordance with SMACNA recommendations.

1. Fabricate from stainless steel, per SMACNA but not less than .018" thick.

C. Expansion Joints: lop type.

D. Accessories: Valley baffles.

E. Downspouts: 6" diameter with mitered elbows, manufactured from stainless steel, not less than .018" thick.

F. Furnish matching wall brackets with stainless steel anchors.

1. Conform to SMACNA Figure 1-35D.
2. Hangers shall be spaced not less than 5'-0" aport.
3. Anchor to veneer with 1/8-inch diameter stainless steel fasteners.

2.8 COUNTER-FLASHING

A. Manufactured units in lengths not exceeding 12 feet designed to snap into reglets and compress against base flashing with joints lopped, from Stainless Steel: 0.0250 inch thick.

B. Reglets: Manufactured units formed to provide secure interlocking of separate reglet and counter-flashing pieces, and compatible with flashing indicated, from the following exposed metal in thickness indicated: Stainless Steel: 0.0250 inch thick

1. Type: For stucco application, with upturned fastening flange and extension leg of length to match thickness of applied finish materials.

C. Accessories: Counter-flashing wind-restraint clips.

2.9 FINISHES

A. Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.

B. Protect mechanical and pointed finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

C. Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of the range of approved Samples. Noticeable variations in the some piece are not acceptable. Variations in appearance of other components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, areas, and conditions, with Installer present, to verify actual locations, dimensions and other conditions affecting performance of work.

B. Verify that substrate is sound, dry, smooth, clean, sloped for drainage, and securely anchored.

Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

A. Field measure site conditions prior to fabricating work.

B. Secure flashing in place using non-corrosive fasteners.
Fit flashing tight in place. Make corners square, surfaces true and straight, in planes and lines accurate to profiles.

3.3 INSTALLATION, GENERAL

A. General: Anchor sheet metal flashing and trim and other components of the Work securely in place, with provisions for thermal and structural movement. Use fasteners, solder, welding rods, protective coatings, separators, sealants, and other miscellaneous items as required to complete sheet metal flashing and trim system.

B. Metal Protection: Where dissimilar metals will contact each other or corrosive substrates, protect against galvanic action by pointing contact surfaces with bituminous coating or by other permanent separation as recommended by fabricator or manufacturers of dissimilar metals.

C. Underlayment: Where installing metal flashing directly on cementitious or wood substrates, install a course of felt underlayment and cover with a slip sheet or install a course of polyethylene underlayment.

D. Bed flanges in thick coat of asphalt roofing cement where required for waterproof performance.

E. Install exposed sheet metal flashing and trim without excessive oil canning, buckling, and tool marks.

F. Install sheet metal flashing and trim to fit substrates and to result in watertight performance.

G. Verify shapes and dimensions of surfaces to be covered before fabricating sheet metal.

H. Space cleats not more than 12 inches apart. Anchor each cleat with two fasteners. Bend tabs over fasteners.

I. Expansion Provisions: Provide for thermal expansion of exposed flashing and trim.

J. Space movement joints at a maximum of 10 feet with no joints allowed within 24 inches of corner or intersection. Where lapped or bayonet-type expansion provisions cannot be used or would not be sufficiently watertight, form expansion joints of intermeshing hooked flanges, not less than 1 inch deep, filled with elastomeric sealant concealed within joints.

K. Provide membrane flashing at penetrations such as electrical switches, wall penetrations, etc. Extend flashing 4 inches beyond opening, lop joints in direction of water flow, seal to substrate.

L. At sheathed walls, seal flashing to sheathing and lap weather barrier over flashing a minimum of 6 inches.

M. Pipe or Post Counter-flashing: Install counter-flashing umbrella with close-fitting collar with top edge flared for elastomeric sealant, extending a minimum of 4 inches over base flashing. Install stainless-steel draw bond and tighten.

N. Counter-flashing: Coordinate installation of counter-flashing with installation of base flashing.

O. Insert counter-flashing in reglets or receivers and fit tightly to base flashing. Extend counter-flashing 4 inches over base flashing. Lap counter-flashing joints a minimum of 4 inches and bed with elastomeric sealant.

3.4 WALL FLASHING INSTALLATION

A. General: Install sheet metal wall flashing to intercept and exclude penetrating moisture according to SMACNA recommendations and as indicated. Coordinate installation of wall flashing with installation of wall-opening components such as windows, doors, and louvers.

B. Openings Flashing in Frame Construction: Install continuous head, sill, and similar flashing to extend 4 inches beyond wall openings.

3.5 CLEANING AND PROTECTION

A. First paragraph below is not applicable to stainless steel and painted or coated steel and aluminum.

B. Clean exposed metal surfaces of substances that interfere with uniform oxidation and weathering.

C. Clean and neutralize flux materials. Clean off excess solder and sealants.

D. Remove temporary protective coverings and strippable films as sheet metal flashing and trim are installed. On completion of installation, clean finished surfaces, including removing unused fasteners, metal filings, pop rivet stems, and pieces of flashing. Maintain in a clean condition during construction.

E. Replace sheet metal flashing and trim that have been damaged or that have deteriorated beyond successful repair by finish touchup or similar minor repair procedures.

END OF SECTION

SECTION 077110 - ROOF SPECIALTIES

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:
   1. Roof-edge drainage systems.
   2. Rain Barrel

1.2 PERFORMANCE REQUIREMENTS

A. FM Approvals' Listing: Manufacture and install roof-edge flashings that are listed in FM Approvals' "RoofNav" and approved for windstorm classification, Class 1-120. Identify materials with FM Approvals' markings.

B. SPRI Wind Design Standard: Manufacture and install roof-edge flashings tested according to SPRI ES-1 and capable of resisting the following design pressures:

   1. Design Pressure: As indicated on Drawings.

1.3 SUBMITTALS

A. Product Data: For each type of product indicated.

B. Shop Drawings: For roof specialties. Include plans, elevations, expansion-joint locations, keyed details, and attachments to other work. Distinguish between plant- and field-assembled work.

C. Samples: For each exposed product and for each color and texture specified.

D. Product test reports.

E. Maintenance data.

F. Warranty: Sample of special warranty.

1.4 QUALITY ASSURANCE

A. Preinstallation Conference: Conduct conference at Project site.

1.5 WARRANTY

A. Special Warranty on Painted Finishes: Manufacturer's standard form in which manufacturer agrees to repair finish or replace roof specialties that show evidence of deterioration of factory-applied finishes within 20 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 ROOF-EDGE DRAINAGE SYSTEMS

A. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

B. Basis-of-Design Product: Subject to compliance with requirements, provide comparable product by one of the following:

1. Andreas Renner KG.
2. Architectural Products Company.
3. ATAS International, Inc.
4. Berger Building Products, Inc.
5. Castle Metal Products.
6. Cheney Flashing Company.
7. CopperCraft by FABRAL; a Euramax company.
8. Hickman Company, W. P.
9. Klauer Manufacturing Company.
10. Merchant & Evans, Inc.
11. Metal-Era, Inc.
12. Metal-Fab Manufacturing, LLC.
13. MM Systems Corporation.
14. National Sheet Metal Systems, Inc.

C. Gutters: Manufactured in uniform section lengths not exceeding 12 feet (3.6 m) with matching corner units, ends, outlet tubes, and other accessories. Elevate back edge at least 1 inch (25 mm) above front edge. Furnish flat-stock gutter straps, gutter brackets, expansion joints, and expansion-joint covers fabricated from same metal as gutters.

1. Fabricate from the following exposed metal:
   a. Stainless Steel: 0.016 inch (0.40 mm) thick .

2. Gutter Profile: Half circle as indicated according to SMACNA's "Architectural Sheet Metal Manual."
3. Corners: Factory mitered and continuously welded and sealed watertight.
4. Gutter Supports: Straps Manufacturer's standard supports as selected by Architect with finish matching the gutters.
5. Special Fabrications: Radiussed sections.

6. Gutter Accessories: Continuous hinged leaf guard of solid metal designed to shed leaves.

D. Conductor Heads: Manufactured conductor heads, each with flanged back and stiffened top edge and of dimensions and shape indicated, complete with outlet tube that nests into upper end of downspout, exterior flange trim, and built-in overflow.

1. Fabricate from the following exposed metal:
   a. Stainless Steel: 0.016 inch (0.40 mm) thick.

E. Stainless-Steel Finish: No. 4 (bright, polished directional satin).

F. Rain Barrel: 50-Gallon Wood Grain Resin RTS Flat Back Rain Barrel or equivalent.

1. Sit barrel on 30”x30” concrete pad see plans for locations.
2. Provide Good Directions or equivalent 6’-0” copper rain chain attached to gutter above barrel opening.

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

A. General: Install roof specialties according to manufacturer's written instructions. Anchor roof specialties securely in place, with provisions for thermal and structural movement. Use fasteners, solder, protective coatings, separators, sealants, and other miscellaneous items as required to complete roof-specialty systems.

1. Install roof specialties level, plumb, true to line and elevation; with limited oil-canning and without warping, jogs in alignment, buckling, or tool marks.
2. Provide uniform, neat seams with minimum exposure of solder and sealant.
3. Install roof specialties to fit substrates and to result in watertight performance. Verify shapes and dimensions of surfaces to be covered before manufacture.
4. Torch cutting of roof specialties is not permitted.

B. Metal Protection: Protect metals against galvanic action by separating dissimilar metals from contact with each other or with corrosive substrates by painting contact surfaces with bituminous coating or by other permanent separation as recommended by manufacturer.

1. Coat concealed side of stainless-steel roof specialties with bituminous coating where in contact with wood, ferrous metal, or cementitious construction.

C. Expansion Provisions: Allow for thermal expansion of exposed roof specialties.

1. Space movement joints at a maximum of 12 feet (3.6 m) with no joints within 18 inches (450 mm) of corners or intersections unless otherwise shown on Drawings.

2. When ambient temperature at time of installation is between 40 and 70 deg F (4 and 21 deg C), set joint members for 50 percent movement each way. Adjust setting proportionately for installation at higher ambient temperatures.

D. Fastener Sizes: Use fasteners of sizes that will penetrate wood blocking or sheathing not less than 1-1/4 inches (32 mm) for nails and not less than 3/4 inch (19 mm) for wood screws

E. Seal joints with sealant as required by roofing-specialty manufacturer.

F. Seal joints as required for watertight construction. Place sealant to be completely concealed in joint. Do not install sealants at temperatures below 40 deg F (4 deg C).

G. Soldered Joints: Clean surfaces to be soldered, removing oils and foreign matter. Pre-tin edges of sheets to be soldered to a width of 1-1/2 inches (38 mm) except reduce pre-tinning where pre-tinned surface would show in completed Work. Tin edges of uncoated copper sheets using solder for copper. Do not use torches for soldering. Heat surfaces to receive solder and flow solder into joint. Fill joint completely. Completely remove flux and spatter from exposed surfaces.

3.2 ROOF-EDGE DRAINAGE-SYSTEM INSTALLATION

A. General: Install components to produce a complete roof-edge drainage system according to manufacturer's written instructions.

B. Gutters: Join and seal gutter lengths. Allow for thermal expansion. Attach gutters to firmly anchored gutter supports spaced not more than 24 inches (610 mm) apart. Attach ends with rivets and solder to make watertight. Slope to downspouts.

1. Install gutter with expansion joints at locations indicated but not exceeding 50 feet (15.2 m) apart. Install expansion joint caps.
2. Install continuous leaf guards on gutters with noncorrosive fasteners, hinged to swing open for cleaning gutters.

C. Downspouts: Provide stainless steel chain to 12” within rain barrel. Provide Stainless steel 12” diameter funnel w/ 4” outlet into rain barrel.

D. Conductor Heads: Anchor securely to wall with elevation of conductor top edge 1 inch (25 mm) below gutter discharge.

3.3 CLEANING AND PROTECTION

A. Clean exposed metal surfaces of substances that interfere with uniform oxidation and weathering.

B. Clean and neutralize flux materials. Clean off excess solder and sealants.

C. Remove temporary protective coverings and strippable films as roof specialties are installed.

END OF SECTION 077100

SECTION 07920 JOINT SEALANTS

PART 1 - GENERAL

1 .1 RELATED DOCUMENTS

A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Extent of each form and type of joint sealer is indicated on drawings and schedules.

B. This Section includes joint sealants for but not limited to the following locations:

1. Exterior and interior joints in vertical surfaces and non-traffic horizontal surfaces as indicated below.
   a. Control and expansion joints in unit masonry.
   b. Cement plaster stucco expansion joints.
   c. Joints between different materials.
   d. Perimeter joints between wall materials and frames of doors and windows.
   e. Control and expansion joints in ceiling and overhead surfaces.
   f. Under thresholds.
   g. Pre-formed expansion joint seal
   h. Other joints as indicated.

2. Exterior joints in horizontal traffic surfaces as indicated below:
   a. Control, expansion, and isolation joints in cast-in-place concrete slabs for sidewalks and paving. Where sidewalks abut the building.

C. Sealing joints related to flashing and sheet metal for roofing is specified in Division-7 Section: "Sheet Metal Flashings and Trim."

D. Sealants for glazing purposes are specified in Division-S Section "glazing."

E. Sealing concealed perimeter joints of gypsum drywall partitions to reduce sound transmission characteristics is specified in Division-9 Section "Gypsum Drywall."

F. Sealants submitted for joints in and adjacent to brick veneer and aluminum and glass framing systems shall be non-staining and non-bleeding type. Sealants must be tested on samples prior to submitting to verify that the sealant will not stain the brick veneer or aluminum framing and gloss.

1.3 SYSTEM PERFORMANCES

A. Provide elastomeric joint sealers that have been produced and installed to establish and maintain watertight and airtight continuous seals without causing staining or deterioration of joint substrates.

1.4 SUBMITI ALS

A. General: Submit the following in accordance with Conditions of Contract and Division 1 Specification Sections.

B. Product Data from manufacturers for each joint sealer product required, including instructions for joint preparation and joint sealer application.

C. Samples for Initial Selection Purposes: Manufacturer's standard bead samples consisting of strips of actual products showing full range of colors available, for each product exposed to view.

D. Samples for verification purposes of each type and color of joint sealer required.
Install joint sealer samples in 1/2 inch wide joints formed between two 6 inch long strips of material matching the appearance of exposed surfaces adjacent to joint sealers. Provide minimum of three custom color samples as noted above for Architect/Owner review.

E. Certificates from manufacturers of joint sealers attesting that their products comply with specification requirements and are suitable for the use indicated.

F. Compatibility and adhesion test reports from elastomeric sealant manufacturer indicating that materials forming joint substrates and joint sealant backings have been tested for compatibility and adhesion with joint sealants. Include sealant manufacturers interpretation of test results relative to sealant performance and recommendations for primers and substrate preparation needed to obtain adhesion.

G. Product test reports for each type of joint sealers indicated, evidencing compliance with requirements specified.

H. Pre-construction field test reports indicating which products and joint preparation methods demonstrated acceptable adhesion to joint substrates.

1.5 QUALITY ASSURANCE

A. Installer Qualifications: Engage an Installer who has successfully completed within the last 3 years at least 3 joint sealer applications similar in type and size to that of this Project.

B. Single Source Responsibility for Joint Sealer Materials: Obtain joint sealer materials from a single manufacturer for each different product required.

C. Pre-construction Compatibility and Adhesion Testing: Submit samples of all . materials that will contact or affect joint sealers to joint sealer manufacturers for compatibility and adhesion testing, as indicated below:

1 . Use test methods standard with manufacturer to determine if priming and other specific joint preparation techniques are required to obtain rapid, optimum adhesion of joint sealers to joint substrates.
2. Perform tests under normal environmental conditions that will exist during actual installation.

D. Product Testing: Provide comprehensive test data for each type of joint sealer based on tests conducted by a qualified independent testing laboratory on current product formulations within a 24-month period preceding date of Contractor's submittal of test results to Architect.

1 . Test elastomeric sealants for compliance with requirements specified by reference to ASTM C 920. Include test results for hardness, stain resistance, adhesion and cohesion under cyclic movement (per ASTM C 719), lowtemperature flexibility, modulus of elasticity at 100 percent strain, effects of heat aging, and effects of accelerated weathering.

E. Pre-construction Field Testing: Prior to installation of joint sealants, field-test their adhesion to joint substrates as follows:

1. locate test joints where indicated or, if not indicated, as directed by Architect.
2. Conduct field tests for each application indicated below:
   a. Each type of elastomeric sealant and joint substrate indicated.
3. Notify Architect one week in advance of the dates and times when mock-ups will be erected.
4. Arrange for tests to take place with Architect present.
5. Test Method: Test joint sealers by hand pull method described below:
   a. Install joint sealants in 5-feet joint lengths using same materials and methods for joint preparation and joint sealant installation required for completed Work. Allow sealants to cure fully before testing.
   b. Make knife cuts as follows: A horizontal cut from one side of joint to the other followed by 2 vertical cuts approximately 2 inches long at side of joint and meeting horizontal cut at top of 2 inch cuts. Place a mark 1 inch from top of 2 inch piece.

c. Use fingers to grasp 2 inch piece of sealant just above 1 inch mark; pull firmly down at a 90 degree angle or more while holding a ruler along side of sealant. Pull sealant out of joint to the distance recommended by sealant manufacturer for testing adhesive capability, but not less than that equaling specified maximum movement capability in extension; hold this position for 1 0 seconds.

6. Report whether or not sealant in joint connected to pulled-out portion failed to adhere to joint substrates ortore cohesively. Include data on pull distance used to test each type of product and joint substrate.
7. Evaluation of Field Test Results: Sealants not evidencing adhesive failure from testing, in absence of other indications of noncompliance with requirements, will be considered satisfactory. Do not use sealants which fail to adhere to joint substrates during testing.

F. Field-Constructed Mock-Ups: Prior to installation of joint sealers, applyelastomeric sealants to the following selected building joints as indicated below for further verification of colors selected from sample submittals and to represent completed work for qualities of appearance, materials, and application:

1. Joints in field-constructed mock-ups of assemblies specified in other sections which are indicated to receive elastomeric joint sealants specified in this section.
2. Retain mock-ups during construction as standard for judging completed construction.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Deliver materials to Project site in original unopened containers or bundles with labels informing about manufacturer, product nome and designation, color, expiration period for use, pot life, curing time, and mixing instructions for nlulti-component materials.

B. Store and handle materials in compliance with manufacturers' recommendations to prevent their deterioration or damage due to moisture, high or low temperatures, contaminants, or other causes.

1.7 PROJECT CONDITIONS

A. Environmental Conditions: Do not proceed with installation of joint sealers under the following conditions:

1. When ambient and substrate temperature conditions are outside the limits permitted by joint sealer manufacturers.

2. When joint substrates are wet due to rain, frost, condensation, or other causes.

B. Joint Width Conditions: Do not proceed with installation of joint sealers where joint widths are less than allowed by joint sealer manufacturer for application indicated.

C. Joint Substrate Conditions: Do not proceed with installation of joint sealers until contaminants capable of interfering with their adhesion are removed from joint substrates.

1.8 SEQUENCING AND SCHEDULING

A. Sequence installation of joint sealers to occur not less than 21 nor more than 30 days after completion of waterproofing, unless otherwise indicated.

PART 2 - PRODUCTS

2.1 MATERIALS, GENERAL

A. Compatibility: Provide joint sealers, joint fillers and other related materials that are compatible with one another and with joint substrates under conditions of service and application, as demonstrated by sealant manufacturer based on testing and field experience.

B. Colors: Provide color of exposed joint sealers indicated or, if not otherwise indicated, as selected by Architect from manufacturer's available colors. For all exterior applications, the sealant color shall match the color of the adjacent and adjoining materials. Product substitutions must offer at least the same number and quality of available colors as the products listed.

2.2 ELASTOMERIC JOINT SEALANTS

A. Elastomeric Sealant Standard: Provide manufacturers standard chemically curing, elastomeric sealant of base polymer indicated which complies with ASTM C 920 requirements, including those referenced for Type, Grade, Closs, and Uses.

B. One-Part Nonacid-Curing Silicone Sealant: Type S, Grode NS, Class 25, and complying with the following requirements for Uses and additional joint movement capability:

1. Uses NT, M, G, A, and, as applicable to joint substrates indicated, O.

   a. Additional capability, when tested for adhesion and cohesion under maximum cyclic movement per ASTM C 719, to withstand the following percentage changes in joint width as measured at time of application and remain in compliance with other requirements of ASTM C 920 for Uses indicated:
   b. 50 percent movement in both extension and compression for a total of 100 percent movement.

C. One-Part Mildew-Resistant Silicone Sealant: Type S; Grade NS; Class 25; Uses NT, G, A, and, as applicable to nonporous joint substrates indicated, O; formulated with fungicide; intended for sealing interior joints with nonporous substrates and subject to in-service exposure to conditions of high humidity and temperature extremes.

D. Multi-Part Pourable Urethane Sealant for Use T: Type M, Grade P, Class 25, and complying with the following requirements for Uses:

1. Uses T, M, A, and, as applicable to joint substrates indicated, o.

E. Available Products: Subject to compliance with requirements and compatibility with the substrates, elastomeric sealants which may be incorporated in the Work include, but are not limited to, the following:

1. One-Port Nonacid-Curing Silicone Sealant for joints in the stucco veneer, and at perimeter of aluminum and steel frames, and in ioints of other exterior materials compatible with the sealant manufacturer's recommendations:
   a. "Dow Corning 790"; Dow Corning Corp.
   b. "Pecora 890", Pecora Corporation.

2. One-Port Mildew-Resistant Silicone Sealant, for toilet and bathroom room tile and around toilet fixtures:
   a. "Dow Corning 786[11]; Dow Corning Corp.
   b. "SCS 1 702 Sanitary"; General Electric Co.
   c. "898 #345 White"; Pecora Corp.

3. Multi-Port, Pourable, Urethane Sealant for Use T, for parking areas, sidewalks:
   a. "Vulkem 245"; Mameco International, Inc.
   b. "NR-200 Urexpan"; Pecora Corp.
   c. "THC-900"; Tremco Inc.

4. Joints in cementitious siding and panels:

   a. VIP FC33 Performance Joint Sealant

2.3 LATEX JOINT SEALANTS

A. Acrylic-Emulsion Sealant: Manufacturer's standard, one part, non-sag, mildew-resistant, acrylic-emulsion sealant complying with ASTM C 834, formulated to be paintable and recommended for exposed applications on interior locations involving joint movement of not more than plus or minus 5 percent, at interior door and window frames.

B. Available Products: Subject to compliance with requirements, latex joint sealants which may be incorporated in the Work include, but are not limited to, the following:

1. Acrylic-Emulsion Sealant:
   a. "AC-20"; Pecora Corp.
   b. "Tremflex 834"; Tremco Inc.

2.4 PREFORMED JOINT SEALANTS

A. Preformed Foam Sealant: Manufacturer's standard preformed, pre-compressed, open-cell foam sealant that is manufactured from high-density urethane foam impregnated with a nondrying, water-repellent agent; is factory produced in precompressed sizes in roll or stick form to fit joint widths indicated; is coated on one side with a pressure-sensitive adhesive and covered with protective wrapping; develops a watertight and airtight seal when compressed to the degree specified by manufacturer; and complies with the follo~ing:

1. Available Products: EMSEAL Joint Systems, ltd.; Emseal 20H.
2. Properties: Permanently elastic, mildew resistant, non-migratory, non-staining, and compatible with joint substrates and other joint sealants.
   a. Density, uncompressed: 10 pounds per cubic foot.

2.5 JOINT SEALANT BACKING

A. General: Provide sealant backings of material and type which are non-staining; are compatible with joint substrates, sealants, primers and other joint fillers; and are approved for applications indicated by sealant manufacturer based on field experience and laboratory testing.

B. Plastic Foam Joint Fillers: Preformed, compressible, resilient, non-staining, non-waxing, non-extruding strips of flexible, plastic foam of material indicated below; nonabsorbent to water and gas; and of size, shape and density to control sealant depth and otherwise contribute to producing optimum sealant performance.

1. Open-cell or closed-cell polyethylene foam, as recommended by the sealant manufacturer.

C. Bond-Breaker Tape: Polyethylene tape or other plastic tape as recommended by sealant manufacturer for preventing sealant from adhering to rigid, inflexible joint filler materials or joint surfaces at back of joint where such adhesion would result in sealant failure. Provide self-adhesive tape where applicable.

2.6 MISCELLANEOUS MATERIALS

A. Primer: Provide type recommended by joint sealer manufacturer required where adhesion of sealant to joint substrates indicated, as determined for from construction joint sealer-substrate tests and field tests.

B. Cleaners for Nonporous Surfaces: Provide non-staining, chemical cleaners of type which are acceptable to manufacturers of sealants and sealant backing materials, which are not harmful to substrates and adjacent nonporous materials, and which do not leave oily residues or otherwise have a detrimental effect on sealant adhesion or in-service performance.

C. Masking Tape: Provide non-staining, nonabsorbent type compatible with joint sealants and to surfaces adjacent to joints.

2.7 JOINT FILLERS FOR CONCRETE PAVING

A. General: Provide joint fillers of thickness and widths indicated.

B. Bituminous Fiber Joint Filler: Preformed strips of composition below, complying with ASTM D 1751:

1. Asphalt saturated fiberboard.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine joints indicated to receive joint sealers, with Installer present, for compliance with requirements for compliance with requirements for joint configuration, installation tolerances and other conditions affecting joint sealer performance. Do not proceed with installation of joint sealers until unsatisfactory conditions have been corrected.

3.2 PREPARATION

A. Surface Cleaning of Joints: Clean out joints immediately before installing joint

sealers to comply with recommendations of joint sealer manufacturers and the following requirements:

1. Remove all foreign material from joint substrates which could interfere with adhesion of joint sealer, including dust; paints, (except for permanent, protective coatings tested and approved for sealant adhesion and compatibility by sealant manufacturer); old joint sealers; oil; grease; waterproofing; water repellents; water; surface dirt; and frost.
2. Clean concrete, masonry, unglazed surfaces of ceramic tile and similar porous joint substrate surfaces, by brushing, grinding, blast cleaning, mechanical abrading, or a combination of these methods to produce a clean, sound substrate capable of developing optimum bond with joint sealers. Remove loose particles remaining from above cleaning operations by vacuuming or blowing out joints with oil-free compressed air.
3. Remove laitance and form release agents from concrete.
4. Clean metal, glass, porcelain enamel, glazed surfaces of ceramic tile; and other nonporous surfaces by chemical cleaners or other means which are not harmful to substrates or leave residues capable of interfering with adhesion of joint sealants.

B. Joint Priming: Prime joint substrates where indicated or where recommended by joint sealer manufacturer based on pre-construction joint sealer-substrate tests or prior experience. Apply primer to comply with joint sealer manufacturer's recommendations. Confine primers to areas of joint sealer bond, do not allow spillage or migration onto adjoining surfaces.

C. Masking Tape: Use masking tape where required to prevent contact of sealant with adjoining surfaces which otherwise would be permanently stained or damaged by such contact or by cleaning methods required to remove sealant smears. Remove tape immediately after tooling without disturbing joint seal.

3.3 INSTALLATION OF JOINT SEALERS

A. General: Comply with joint sealer manufacturers' printed installation instructions applicable to products and applications indicated, except where more stringent requirements apply.

B. Sealant Installation Standard: Comply with recommendations of ASTM C 1193 for use of joint sealants as applicable to materials, applications and conditions indicated.

C. latex Sealant Installation Standard: Comply with requirements of ASTM C 790 for use of latex sealants.

D. Installation of Sealant Backings: Install sealant backings to comply with the following requirements:

1. Install joint fillers of type indicated to provide support of sealants during application and at position required to produce the cross-sectional shapes and depths of installed sealants relative to joint widths which allow optimum sealant movement capability.
   a. Do not leave gaps between ends of joint fillers.
   b. Do not stretch, twist, puncture, or tear joint fillers.
   c. Remove absorbent joint fillers which have become wet prior to sealant application and replace with dry material.

2. Install bond breaker tope between sealants and joint fillers, compression seals, or back of joints where adhesion of sealant to surfaces at back of joints would result in sealant failure.
3. Install compressible seals serving as sealant backings to comply with requirements indicated above for joint fillers.

E. Installation of Sealants: Install sealants by proven techniques that result in sealants directly contacting and fully wetting joint substrates, completely filling recesses provided for each joint configuration, and providing uniform, cross-sectional shapes and depths relative to joint widths which allow optimum sealant movement capability. Install sealants at the some time sealant backings are installed.

F. Install sealant in joints at the edges of cementitious siding panels, and the ends of lopped cementitious siding. Seal joints between siding and trim.

1. Where batten strips are placed over joints between cementitious panels, seal joints before applying the batten strip.

G. Tooling of Non-sag Sealants: Immediately after sealant application and prior to time skinning or curing begins, tool sealants to form smooth, uniform beads of configuration indicated, to eliminate air pockets, and to ensure contact and adhesion of sealant with sides of joint. Remove excess sealants from surfaces adjacent to joint. Do not use tooling agents which discolor sealants or adjacent surfaces or are not approved by sealant manufacturer.

1. Provide concave joint configuration per Figure 6A in ASTM C 962, unless otherwise indicated.
2. Provide flush joint configuration per Figure 6B in ASTM C 962, where indicated.
   a. Use masking tape to protect adjacent surfaces of recessed tooled joints.

3.4 CLEANING

A. Clean off excess sealants or sealant smears adjacent to joints as work progresses by methods and with cleaning materials approved by manufacturers of joint sealers and of products in which joints occur.

3.5 PROTECTION

A. Protect joint sealers during and after curing period from contact with contaminating substances or from damage resulting from construction operations or other causes so that they are without deterioration or damage at time of Substantial Completion. If, despite such protection, damage or deterioration occurs, cut out and remove damaged or deteriorated ioint sealers immediately and reseal joints with new materials to produce joint sealer installations with repaired areas indistinguishable from original work.

END OF SECTION 07900

SECTION 081113 - HOLLOW METAL DOORS AND FRAMES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section Includes:

1. Standard hollow metal doors and frames.

B. Related Sections:
1. Division 08 Section "Flush Wood Doors" for wood doors in hollow metal frames.
2. Division 08 Section "Finish Hardware" for door hardware for hollow metal doors and frames.
3. Division 09 Sections "Painting" for field painting hollow metal doors and frames.

1.3 DEFINITIONS

A. Minimum Thickness: Minimum thickness of base metal without coatings.

B. Standard Hollow Metal Work: Hollow metal work fabricated according to ANSI/SDI A250.8.

1.4 SUBMITTALS

A. Product Data: For each type of product indicated. Include construction details, material descriptions, core descriptions, hardware reinforcements, profiles, anchors, fire-resistance rating, temperature-rise ratings, and finishes.

B. Shop Drawings: Include the following:

1. Elevations of each door design.
2. Details of doors, including vertical and horizontal edge details and metal thicknesses.
3. Frame details for each frame type, including dimensioned profiles and metal thicknesses.
4. Locations of reinforcement and preparations for hardware.

5. Details of each different wall opening condition.
6. Details of anchorages, joints, field splices, and connections.
7. Details of accessories.
8. Details of moldings, removable stops, and glazing.
9. Details of electrical knockout boxes and preparations for power, signal, and control systems.

C. Samples for Verification:

1. Samples are only required by request of the architect and for manufactures that are not current members of Steel Door Institute.

2. For each type of exposed finish required, prepared on Samples of not less than 3 by 5 inches (75 by 125 mm).
3. For the following items, prepared on Samples about 12 by 12 inches (305 by 305 mm) to demonstrate compliance with requirements for quality of materials and construction:

   a. Doors: Show vertical-edge, top, and bottom construction; core construction; and hinge and other applied hardware reinforcement. Include separate section showing glazing if applicable.
   b. Frames: Show profile, corner joint, floor and wall anchors, and silencers. Include separate section showing fixed hollow metal panels and glazing if applicable.

D. Other Action Submittals:

1. Schedule: Provide a schedule of hollow metal work prepared by or under the supervision of supplier, using same reference numbers for details and openings as those on Drawings. Coordinate with door hardware schedule.

E. Oversize Construction Certification: For assemblies required to be fire rated and exceeding limitations of labeled assemblies.

1.5 QUALITY ASSURANCE

A. Source Limitations: Obtain hollow metal work from single source from single manufacturer.

B. Fire-Rated Door Assemblies: Assemblies complying with NFPA 80 that are listed and labeled by a qualified testing agency, for fire-protection ratings indicated, based on testing at positive pressure according to NFPA 252 (neutral pressure at 40" above sill) or UL 10C.

1. Oversize Fire-Rated Door Assemblies: For units exceeding sizes of tested assemblies provide certification by a qualified testing agency that doors comply with standard construction requirements for tested and labeled fire-rated door assemblies except for size.
2. Temperature-Rise Limit: Where indicated and at vertical exit enclosures and exit passageways, provide doors that have a maximum transmitted temperature

end point of not more than 450 deg F (250 deg C) above ambient after 30 minutes of standard fire-test exposure.

C. Fire-Rated, Borrowed-Light Frame Assemblies: Assemblies complying with NFPA 80 that are listed and labeled, by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire-protection ratings indicated, based on testing according to NFPA 257. Label each individual glazed lite.

D. Smoke-Control Door Assemblies: Comply with NFPA 105.

E. Preinstallation Conference: Conduct conference at Project site for hollow metal frames requiring electrical knockout boxes to verify installation of conduit on frames.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Deliver hollow metal work palletized, wrapped, or crated to provide protection during transit and Project-site storage. Do not use nonvented plastic.

B. Deliver welded frames with two removable spreader bars across bottom of frames, tack welded to jambs and mullions.

C. Store hollow metal work under cover at Project site. Place in stacks of five units maximum in a vertical position with heads up, spaced by blocking, on minimum 4-inch- (102-mm-) high wood blocking. Do not store in a manner that traps excess humidity.

1. Provide minimum 1/4-inch (6-mm) space between each stacked door to permit air circulation.

1.7 PROJECT CONDITIONS

A. Field Measurements: Verify actual dimensions of openings by field measurements before fabrication.

1.8 COORDINATION

A. Coordinate installation of anchorages for hollow metal frames. Furnish setting drawings, templates, and directions for installing anchorages, including sleeves, concrete inserts, anchor bolts, and items with integral anchors. Deliver such items to Project site in time for installation.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Manufacturers: Subject to compliance with this section requirements, provide products by one of the following:
   1. Ceco Door Products; an Assa Abloy Group company.
   2. Curries Company; an Assa Abloy Group company..
   3. Deansteel Manufacturing
   4. Steelcraft; an Ingersoll-Rand company.

2.2 MATERIALS

A. Cold-Rolled Steel Sheets: Carbon steel complying with ASTM A 366 (ASTM A 366M), commercial quality, or ASTM A 620 (ASTM A 620M), drawing quality, special killed.

B. Metallic-Coated Steel Sheet: ASTM A 653/A 653M, Commercial Steel (CS), Type B; with minimum G60 (Z180) or A60 (ZF180) metallic coating.

C. Frame Anchors: ASTM A 591/A 591M, Commercial Steel (CS), 40Z (12G) coating designation; mill phosphatized.

   1. For anchors built into exterior walls, steel sheet complying with ASTM A 1008/A 1008M or ASTM A 1011/A 1011M, hot-dip galvanized according to ASTM A 153/A 153M, Class B.

D. Inserts, Bolts, and Fasteners: Hot-dip galvanized according to ASTM A 153/A 153M.

E. Glazing: Comply with requirements in Division 08 Section "Glazing."

2.3 STANDARD HOLLOW METAL DOORS

A. General: Provide 1 3/4" thick doors of design indicated, fabricated with smooth surfaces, without visible joints or seams on exposed faces unless otherwise indicated. Comply with ANSI/SDI A250.8.

   1. Design: Flush panel
   2. Core Construction: Manufacturer's standard polystyrene or polyurethane.

      a. Fire Door Core: As required to provide fire-protection and temperature-rise ratings indicated.
      b. Thermal-Rated (Insulated) Doors: Where indicated, provide doors fabricated with thermal-rated assemblies with R Factor 11 or better.

         1) Locations: Exterior doors.

   3. Vertical Edges for Single-Acting Doors: Beveled edge

a. Beveled Edge: 1/8 inch in 2 inches (3 mm in 50 mm).

4. Vertical Edges for Double-Acting Doors: Round vertical edges with 2-1/8-inch (54-mm) radius.
5. Top and Bottom Edges: Closed with flush or inverted 0.042-inch- (1.0-mm-) thick, end closures or channels of same material as face sheets.
6. Tolerances: Comply with SDI 117, "Manufacturing Tolerances for Standard Steel Doors and Frames."

B. Exterior Doors: Face sheets fabricated from metallic-coated steel sheets. Provide doors complying with requirements indicated below by referencing ANSI/SDI A250.8 for level and model and ANSI/SDI A250.4 for physical performance level:

1. Level 3 and Physical Performance Level A (Extra Heavy Duty), minimum 16 ga thick steel, Model 2 (Seamless face and edges).

C. Interior Doors: Face sheets fabricated from cold-rolled steel sheet unless metallic-coated sheet is indicated. Provide doors complying with requirements indicated below by referencing ANSI/SDI A250.8 for level and model and ANSI/SDI A250.4 for physical performance level:

1. Level 3 and Physical Performance Level A (Extra Heavy Duty), minimum 16 gage thick steel, Model 2 (Seamless face and edges).

D. Hardware Reinforcement: Fabricate according to ANSI/SDI A250.6 with reinforcing plates from same material as door face sheets.

E. Fabricate concealed stiffeners and hardware reinforcement from either cold- or hot-rolled steel sheet.

2.4 STANDARD HOLLOW METAL FRAMES

A. General: Comply with ANSI/SDI A250.8 and with details indicated for type and profile.

B. Exterior Frames: Fabricated from metallic-coated steel sheets.

1. Fabricate frames with mitered or coped corners.
2. Fabricate frames as face welded joints and back weld joints continuously, unless otherwise indicated.
3. Frames for Level 3 Steel Doors: minimum 14 ga thick steel sheet.

C. Interior Frames: Fabricated from cold-rolled steel sheet unless metallic-coated sheet is indicated.

1. Fabricate frames with mitered or coped corners.
2. Fabricate frames as face welded unless otherwise indicated.
3. Fabricate knocked-down, drywall slip-on frames for in-place gypsum board partitions.
4. Frames for Level 3 Steel Doors: minimum 14 ga thick steel sheet.

5. Frames 48-inches and wider in opening width are required to be minimum 14 ga steel sheet.
6. Frames for Wood Doors: minimum 16 ga thick steel sheet.
7. Frames for Borrowed Lights: minimum 16 ga thick steel sheet.

D. Hardware Reinforcement: Fabricate according to ANSI/SDI A250.6 Table 4 with reinforcement plates from same material as frames.

2.5 FRAME ANCHORS

A. Jamb Anchors:

1. Masonry Type: Adjustable strap-and-stirrup or T-shaped anchors to suit frame size, not less than 0.042 inch (1.0 mm) thick, with corrugated or perforated straps not less than 2 inches (50 mm) wide by 10 inches (250 mm) long; or wire anchors not less than 0.177 inch (4.5 mm) thick.
2. Stud-Wall Type: Designed to engage stud, welded to back of frames; not less than 0.042 inch (1.0 mm) thick.
3. Compression Type for Drywall Slip-on (Knock-Down) Frames: Adjustable compression anchors.

B. Floor Anchors: Formed from same material as frames, not less than 0.042 inch (1.0 mm) thick, and as follows:

1. Monolithic Concrete Slabs: Clip-type anchors, with two holes to receive fasteners.
2. Separate Topping Concrete Slabs: Clip-type anchors, with two holes to receive fasteners.

2.6 HOLLOW METAL PANELS

A. Provide hollow metal panels of same materials, construction, and finish as specified for adjoining hollow metal work.

2.7 STOPS AND MOLDINGS

A. Moldings for Glazed Lites in Doors: Minimum 0.032 inch (0.8 mm) thick, fabricated from same material as door face sheet in which they are installed.

B. Fixed Frame Moldings: Formed integral with hollow metal frames, a minimum of 5/8 inch (16 mm) high unless otherwise indicated.

C. Loose Stops for Glazed Lites in Frames: Minimum 0.032 inch (0.8 mm) thick, fabricated from same material as frames in which they are installed.

2.8 ACCESSORIES

A. Mullions and Transom Bars: Join to adjacent members by welding or rigid mechanical anchors.

B. Grout Guards: Formed from same material as frames, not less than 0.016 inches (0.4 mm) thick.

2.9 FABRICATION

A. Fabricate hollow metal work to be rigid and free of defects, warp, or buckle. Accurately form metal to required sizes and profiles, with minimum radius for thickness of metal. Where practical, fit and assemble units in manufacturer's plant. To ensure proper assembly at Project site, clearly identify work that cannot be permanently factory assembled before shipment.

B. Tolerances: Fabricate hollow metal work to tolerances indicated in ANSI/SDI A250.8

C. Hollow Metal Doors:

1. Exterior Doors:

a. Provide weep-hole openings in bottom of exterior doors to permit moisture to escape. Top of door to be flush and completely sealed joints in top edges of doors against water penetration.
b. Provide Polyurethane core.

2. Glazed Lites: Factory cut openings in doors with applied flush trim to fit.
3. Astragals: Provide overlapping astragal as noted in door hardware sets in Division 8 Door Hardware on one leaf of pairs of doors where required by NFPA 80 for fire-performance rating or where indicated. Extend minimum 3/4 inch (19 mm) beyond edge of door on which astragal is mounted.
4. Continuous Hinge Reinforcement: Provide welded continuous 12 gauge strap for continuous hinges specified in hardware sets in Division 8 Door Hardware.
5. Electrical Raceways: Provide raceways for electrified door hardware specified in hardware sets in Division 8 Door Hardware.
6. Seamless Edge: Provide seamless edge on hollow metal doors by intermittently tack welding seam, grinding smooth and finishing edge free from defects and blemishes.

D. Hollow Metal Frames: Where frames are fabricated in sections due to shipping or handling limitations, provide alignment plates or angles at each joint, fabricated of same thickness metal as frames.

1. Welded Frames: Weld flush face joints continuously; grind, fill, dress, and make smooth, flush, and invisible. Continuously backweld joints at exterior frames.
2. Sidelight and Transom Bar Frames: Provide closed tubular members with no visible face seams or joints, fabricated from same material as door frame. Fasten members at crossings and to jambs by butt welding.

3. High Frequency Hinge Reinforcement: Provide high frequency hinge reinforcements at door openings 48-inch and wider with mortise/butt type hinges at top hinge location.
4. Continuous Hinge Reinforcement: Provide welded continuous 12 gauge strap for continuous hinges specified in hardware sets in Division 8 Door Hardware.
5. Provide countersunk, flat- or oval-head exposed screws and bolts for exposed fasteners unless otherwise indicated for removable stops, provide security screws at exterior locations.
6. Grout Guards: Weld guards boxes to frame at back of hardware mortises in frames at all hinge and strike preps regardless of grouting requirements.
7. Provide 6 inch hospital stops with 45 degree slope to soffit to flush out with rabbet at base of frame at interior openings, except for double egress frames.

    a. Provide welded base anchors for frames with hospital stops.
8. Electrical Knock Out Boxes: Factory weld 18 gauge electrical knock out boxes to frame for electrical hardware preps; included but not limited to electric thru wire hinges, electrical raceways, door position switches, electric strikes, jamb mount card readers, and magnetic locks as noted in door hardware sets in Division 8 Door Hardware.

    a. Electrical knock out boxes are required at door position switches, electric strikes, card readers, and middle hinge locations for all exterior locations regardless of electrical hardware specified in Division 8 Door Hardware.
    b. Provide electrical knock out boxes with a dual 1/2-inch and 3/4-inch knockouts.
    c. Conduit to be coordinated and installed in field from middle hinge box and strike box to door position box.
    d. Conduit to be factory installed for electric hardware preps. Frames with factory installed conduit to have weld in place anchors.
    e. Electrical knock out boxes to comply with NFPA requirements and fit electrical door hardware as specified in hardware sets in Division 8 Door Hardware.
    f. Electrical knock out boxes for continuous hinges should be located in the center of the vertical dimension on the hinge jamb.
    g. Provide prewired and standardized plug connects for door hardware specified in Division 8 Door Hardware.

9. Floor Anchors: Weld anchors to bottom of jambs and mullions with at least four spot welds per anchor.
10. Jamb Anchors: Provide number and spacing of anchors as follows:

    a. Masonry Type: Locate anchors not more than 18 inches (457 mm) from top and bottom of frame. Space anchors not more than 32 inches (813 mm) o.c. and as follows:

        1) Two anchors per jamb up to 60 inches (1524 mm) high.
        2) Three anchors per jamb from 60 to 90 inches (1524 to 2286 mm) high.
        3) Four anchors per jamb from 90 to 120 inches (2286 to 3048 mm) high.

4) Four anchors per jamb plus 1 additional anchor per jamb for each 24 inches (610 mm) or fraction thereof above 120 inches (3048 mm) high.

b. Stud-Wall Type: Locate anchors not more than 18 inches (457 mm) from top and bottom of frame. Space anchors not more than 32 inches (813 mm) o.c. and as follows:

1) Three anchors per jamb up to 60 inches (1524 mm) high.
2) Four anchors per jamb from 60 to 90 inches (1524 to 2286 mm) high.
3) Five anchors per jamb from 90 to 96 inches (2286 to 2438 mm) high.
4) Five anchors per jamb plus 1 additional anchor per jamb for each 24 inches (610 mm) or fraction thereof above 96 inches (2438 mm) high.
5) Two anchors per head for frames above 42 inches (1066 mm) wide and mounted in metal-stud partitions.

11. Door Silencers: Except on weather-stripped or gasketed doors, drill stops to receive door silencers as follows. Keep holes clear during construction. Silencers to be supplied by frame manufacture regardless if specified in division 8 Door Hardware.

a. Single-Door Frames: Drill stop in strike jamb to receive three door silencers.
b. Double-Door Frames: Drill stop in head jamb to receive two door silencers.

E. Fabricate concealed stiffeners, edge channels, and hardware reinforcement from either cold- or hot-rolled steel sheet.

F. Hardware Preparation: Factory prepare hollow metal work to receive templated mortised hardware; include cutouts, reinforcement, mortising, drilling, and tapping according to the Door Hardware Schedule and templates furnished as specified in Division 08 Section "Door Hardware."

1. Locate hardware as indicated, or if not indicated, according to ANSI/SDI A250.8.
2. Reinforce doors and frames to receive nontemplated, mortised and surface-mounted door hardware.
3. Comply with applicable requirements in ANSI/SDI A250.6 and ANSI/DHI A115 Series specifications for preparation of hollow metal work for hardware.
4. Coordinate locations of conduit and wiring boxes for electrical connections with Division 26 Sections.

G. Stops and Moldings: Provide stops and moldings around glazed lites where indicated. Form corners of stops and moldings with butted or mitered hairline joints at fabricators shop

1. Single Glazed Lites: Provide fixed stops and moldings welded on secure side of hollow metal work.
2. Multiple Glazed Lites: Provide fixed and removable stops and moldings so that glazed lites are capable of being removed independently.
3. Provide fixed frame moldings on outside of exterior and on secure side of interior doors and frames.
4. Coordinate rabbet width between fixed and removable stops with type of glazing and type of installation indicated.
5. Gap for butted or mitered joints in glass stop should not exceed .0625-inch.

2.10 STEEL FINISHES

A. Prime Finish: Apply manufacturer's standard primer immediately after cleaning and pretreating.

1. Shop Primer: Manufacturer's standard, fast-curing, lead- and chromate-free primer complying with ANSI/SDI A250.10 acceptance criteria; recommended by primer manufacturer for substrate; compatible with substrate and field-applied coatings despite prolonged exposure.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.

B. Examine roughing-in for embedded and built-in anchors to verify actual locations before frame installation.

C. For the record, prepare written report, endorsed by Installer, listing conditions detrimental to performance of the Work.

D. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

A. Remove welded-in shipping spreaders installed at factory. Restore exposed finish by grinding, filling, and dressing, as required to make repaired area smooth, flush, and invisible on exposed faces.

B. Prior to installation, adjust and securely brace welded hollow metal frames for squareness, alignment, twist, and plumbness to the following tolerances:

1. Squareness: Plus or minus 1/16 inch (1.6 mm), measured at door rabbet on a line 90 degrees from jamb perpendicular to frame head.

2. Alignment: Plus or minus 1/16 inch (1.6 mm), measured at jambs on a horizontal line parallel to plane of wall.
3. Twist: Plus or minus 1/16 inch (1.6 mm), measured at opposite face corners of jambs on parallel lines, and perpendicular to plane of wall.
4. Plumbness: Plus or minus 1/16 inch (1.6 mm), measured at jambs on a perpendicular line from head to floor.

C. Drill and tap doors and frames to receive nontemplated, mortised, and surface-mounted door hardware.

3.3 INSTALLATION

A. General: Install hollow metal work plumb, rigid, properly aligned, and securely fastened in place; comply with Drawings and manufacturer's written instructions.

B. Hollow Metal Frames: Install hollow metal frames of size and profile indicated. Comply with ANSI/SDI A250.11.

1. Set frames accurately in position, plumbed, aligned, and braced securely until permanent anchors are set. After wall construction is complete, remove temporary braces, leaving surfaces smooth and undamaged.

    a. At fire-protection-rated openings, install frames according to NFPA 80.
    b. Where frames are fabricated in sections because of shipping or handling limitations, field splice at approved locations by welding face joint continuously; grind, fill, dress, and make splice smooth, flush, and invisible on exposed faces.
    c. Install frames with removable glazing stops located on secure side of opening.
    d. Install door silencers in frames before grouting.
    e. Remove temporary braces necessary for installation only after frames have been properly set and secured.
    f. Check plumbness, squareness, and twist of frames as walls are constructed. Shim as necessary to comply with installation tolerances.
    g. Field apply bituminous coating to backs of frames that are filled with grout containing antifreezing agents.

2. Floor Anchors: Provide floor anchors for each jamb and mullion that extends to floor, and secure with post installed expansion anchors.

    a. Floor anchors may be set with powder-actuated fasteners instead of post installed expansion anchors if so indicated and approved on Shop Drawings.

3. Metal-Stud Partitions: Solidly pack mineral-fiber insulation behind frames.
4. Masonry Walls: Coordinate installation of frames to allow for solidly filling space between frames and masonry with grout.

5. Concrete Walls: Solidly fill space between frames and concrete with grout. Take precautions, including bracing frames, to ensure that frames are not deformed or damaged by grout forces.
6. Field Supplied Ceiling Struts: Extend struts vertically from top of frame at each jamb to overhead structural supports or substrates above frame unless frame is anchored to masonry or to other structural support at each jamb. Bend top of struts to provide flush contact for securing to supporting construction. Provide adjustable wedged or bolted anchorage to frame jamb members.
7. Grouting Requirements:

    a. Do not grout head of frames unless reinforcing has been installed in head of frame.
    b. Do not grout vertical or horizontal closed mullion members.

8. Installation Tolerances: Adjust hollow metal door frames for squareness, alignment, twist, and plumb to the following tolerances:

    a. Squareness: Plus or minus 1/16 inch (1.6 mm), measured at door rabbet on a line 90 degrees from jamb perpendicular to frame head.
    b. Alignment: Plus or minus 1/16 inch (1.6 mm), measured at jambs on a horizontal line parallel to plane of wall.
    c. Twist: Plus or minus 1/16 inch (1.6 mm), measured at opposite face corners of jambs on parallel lines, and perpendicular to plane of wall.
    d. Plumbness: Plus or minus 1/16 inch (1.6 mm), measured at jambs at floor.

C. Hollow Metal Doors: Fit hollow metal doors accurately in frames, within clearances specified below. Shim as necessary.

1. Non-Fire-Rated Standard Steel Doors:

    a. Jambs and Head: 1/8 inch (3 mm) plus or minus 1/16 inch (1.6 mm).
    b. Between Edges of Pairs of Doors: 1/8 inch (3 mm) plus or minus 1/16 inch (1.6 mm).
    c. Between Bottom of Door and Top of Threshold: Maximum 3/8 inch (9.5 mm).
    d. Between Bottom of Door and Top of Finish Floor (No Threshold): Maximum 3/4 inch (19 mm).

2. Fire-Rated Doors: Install doors with clearances according to NFPA 80.
3. Smoke-Control Doors: Install doors according to NFPA 105.

D. Glazing: Comply with installation requirements in Division 08 Section "Glazing" and with hollow metal manufacturer's written instructions.

1. Secure stops with countersunk flat- or oval-head machine screws spaced uniformly not more than 9 inches (230 mm) o.c. and not more than 2 inches (50 mm) o.c. from each corner.

    a. Secure exterior removable stops with security head screws.

3.4 ADJUSTING AND CLEANING

A. Final Adjustments: Check and readjust operating hardware items immediately before final inspection. Leave work in complete and proper operating condition. Remove and replace defective work, including hollow metal work that is warped, bowed, or otherwise unacceptable.

B. Remove grout and other bonding material from hollow metal work immediately after installation.

C. Prime-Coat Touchup: Immediately after erection, sand smooth rusted or damaged areas of prime coat and apply touchup of compatible air-drying, rust-inhibitive primer.

D. Metallic-Coated Surfaces: Clean abraded areas and repair with galvanizing repair paint according to manufacturer's written instructions.

END OF SECTION 081113

SECTION 081416 - FLUSH WOOD DOORS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section Includes:

1. Solid-core doors with wood-veneer faces.
2. Factory finishing flush wood doors.
3. Factory fitting flush wood doors to frames and factory machining for hardware.

B. Related Sections:
1. Division 08 Section "Glazing" for glass view panels in flush wood doors.

1.3 SUBMITTALS

A. Product Data: For each type of door indicated. Include details of core and edge construction and trim for openings. Include factory-finishing specifications.

B. Shop Drawings: Indicate location, size, and hand of each door; elevation of each kind of door; construction details not covered in Product Data; location and extent of hardware blocking; and other pertinent data.

1. Indicate dimensions and locations of mortises and holes for hardware.
2. Indicate dimensions and locations of cutouts.
3. Indicate requirements for veneer matching.
4. Indicate doors to be factory finished and finish requirements.
5. Indicate fire-protection ratings for fire-rated doors.

C. Samples for Initial Selection: For factory-finished doors.

D. Samples for Verification:

1. Factory finishes applied to actual door face materials, approximately 8 by 10 inches (200 by 250 mm), for each material and finish.

a. Provide samples for each species of veneer and solid lumber required.
b. Finish veneer-faced door samples with same materials proposed for factory-finished doors.

2. Frames for light openings, 6 inches (150 mm) long, for each material, type, and finish required.

E. Warranty: Sample of special warranty.

1.4 QUALITY ASSURANCE

A. Manufacturer Qualifications: A qualified manufacturer that is certified for chain of custody by an FSC-accredited certification body.

B. Source Limitations: Obtain flush wood doors from single manufacturer.

C. Quality Standard: In addition to requirements specified, comply with WDMA I.S.1-A, "Architectural Wood Flush Doors."

1. Provide AWI Quality Certification Labels or an AWI letter of licensing for Project indicating that doors comply with requirements of grades specified.
2. Provide WI-Certified Compliance Certificate indicating that doors comply with requirements of grades specified.
3. Provide WI-Certified Compliance Certificate for installation.

D. Fire-Rated Wood Doors: Doors complying with NFPA 80 that are listed and labeled by a qualified testing agency, for fire-protection ratings indicated, based on testing at positive pressure according to NFPA 252.

1. Oversize Fire-Rated Door Assemblies: For units exceeding sizes of tested assemblies, provide certification by a qualified testing agency that doors comply with standard construction requirements for tested and labeled fire-rated door assemblies except for size.
2. Temperature-Rise Limit: At vertical exit enclosures and exit passageways, provide doors that have a maximum transmitted temperature end point of not more than 450 deg F above ambient after 30 minutes of standard fire-test exposure.

1.5 DELIVERY, STORAGE, AND HANDLING

A. Comply with requirements of referenced standard and manufacturer's written instructions.

B. Package doors individually in plastic bags or cardboard cartons.

C. Mark each door on bottom rail with opening number used on Shop Drawings.

1.6 PROJECT CONDITIONS

A. Environmental Limitations: Do not deliver or install doors until spaces are enclosed and weather-tight, wet work in spaces is complete and dry, and HVAC system is

operating and maintaining ambient temperature and humidity conditions at occupancy levels during the remainder of the construction period.

B. Environmental Limitations: Do not deliver or install doors until spaces are enclosed and weather-tight, wet work in spaces is complete and dry, and HVAC system is operating and maintaining temperature between 60 and 90 deg F and relative humidity between 25 and 55 percent during the remainder of the construction period.

1.7 WARRANTY

A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace doors that fail in materials or workmanship within specified warranty period.

1. Failures include, but are not limited to, the following:

   a. Warping (bow, cup, or twist) more than 1/4 inch in a 42-by-84-inch section.
   b. Telegraphing of core construction in face veneers exceeding 0.01 inch in a 3-inch span.

2. Warranty shall also include installation and finishing that may be required due to repair or replacement of defective doors.
3. Warranty Period for Solid-Core Exterior Doors: Two years from date of Substantial Completion.
4. Warranty Period for Solid-Core Interior Doors: Life of installation.
5. Warranty Period for Hollow-Core Interior Doors: Two year(s) from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

1. Algoma Hardwoods, Inc.
2. Eggers Industries.
3. Graham; an ASSA Abloy Group company.
4. Marshfield Door Systems, Inc.
5. VT Industries Inc.

2.2 DOOR CONSTRUCTION, GENERAL

A. Low-Emitting Materials: Provide doors made with adhesives and composite wood products that do not contain urea formaldehyde.

B. WDMA I.S.1-A Performance Grade:

1. Heavy Duty unless otherwise indicated.
2. Extra Heavy Duty: Classrooms, public toilets, janitor's closets, assembly spaces, and exits.

C. Particleboard-Core Doors:

1. Particleboard: ANSI A208.1, Grade LD-2.
2. Particleboard: Straw-based particleboard complying with ANSI A208.1, Grade LD-2 or M-2, except for density.
3. Blocking: Provide wood blocking in particleboard-core doors as needed to eliminate through-bolting hardware.

a. 5-inch top-rail blocking, in doors indicated to have closers.
b. 5-inch bottom-rail blocking, in exterior doors and doors indicated to have kick, mop, or armor plates.
c. 5-inch midrail blocking, in doors indicated to have exit devices.

D. Structural-Composite-Lumber-Core Doors:

1. Structural Composite Lumber: WDMA I.S.10.

a. Screw Withdrawal, Face: 700 lb.
b. Screw Withdrawal, Edge: 400 lb.

E. Fire-Protection-Rated Doors: Provide core specified or mineral core as needed to provide fire-protection rating indicated.

1. Edge Construction: Provide edge construction with intumescent seals concealed by outer stile. Comply with specified requirements for exposed edges.
2. Pairs: Provide fire-retardant stiles that are listed and labeled for applications indicated without formed-steel edges and astragals. Comply with specified requirements for exposed edges.
3. Pairs: Provide formed-steel edges and astragals.

a. Finish steel edges and astragals with baked enamel, same color as doors.
b. Finish steel edges and astragals to match door hardware (locksets or exit devices).

F. Mineral-Core Doors:

1. Core: Noncombustible mineral product complying with requirements of referenced quality standard and testing and inspecting agency for fire-protection rating indicated.

2. Blocking: Provide composite blocking with improved screw-holding capability approved for use in doors of fire-protection ratings indicated as needed to eliminate through-bolting hardware.

   a. 5-inch top-rail blocking.
   b. 5-inch bottom-rail blocking, in doors indicated to have protection plates.
   c. 5-inch midrail blocking, in doors indicated to have armor plates.
   d. 5-inch midrail blocking, in doors indicated to have exit devices.

3. Edge Construction: At hinge stiles, provide laminated-edge construction with improved screw-holding capability and split resistance. Comply with specified requirements for exposed edges.

2.3 VENEERED-FACED DOORS FOR TRANSPARENT FINISH

A. Exterior Solid-Core Doors:

1. Grade: Economy (Grade B faces).
2. Species: Select white maple.
3. Cut: Plain sliced (flat sliced).
4. Match between Veneer Leaves: Book match.
5. Assembly of Veneer Leaves on Door Faces: Balance match.
6. Pair and Set Match: Provide for doors hung in same opening or separated only by mullions.
7. Exposed Vertical and Top Edges: Same species as faces or a compatible species.
8. Core: Particleboard.
9. Construction: Five plies. Stiles and rails are bonded to core, then entire unit abrasive planed before veneering. Faces are bonded to core using a hot press.
10. Adhesives: Type I per WDMA TM-6.
11. WDMA I.S.1-A Performance Grade: Extra Heavy Duty.

B. Interior Solid-Core Doors:

1. Grade: Economy (Grade B faces).
2. Species: Select white maple.
3. Cut: Plain sliced (flat sliced).
4. Match between Veneer Leaves: Book match.
5. Assembly of Veneer Leaves on Door Faces: Balance match.
6. Pair and Set Match: Provide for doors hung in same opening or separated only by mullions.
7. Room Match: Match door faces within each separate room or area of building. Corridor-door faces do not need to match where they are separated by 10 feet or more.
8. Room Match: Provide door faces of compatible color and grain within each separate room or area of building.
9. Blueprint Match: Where indicated, provide doors with faces produced from same flitches as adjacent wood paneling and arranged to provide blueprint match with wood paneling.

10. Exposed Vertical and Top Edges: Applied wood-veneer edges of same species as faces and covering edges of faces.
11. Core: Particleboard.
12. Construction: Five plies. Stiles and rails are bonded to core, then entire unit abrasive planed before veneering. Faces are bonded to core using a hot press. Retain one of first two options in subparagraph above or retain first subparagraph below. Third option above applies to some five-ply doors. Glued-wood-stave core is only available with bonded construction and nonglued-wood-stave core is only available with nonbonded construction.
13. WDMA I.S.1-A Performance Grade: Extra Heavy Duty.

2.4 LOUVERS AND LIGHT FRAMES

A. Wood Louvers: Door manufacturer's standard solid-wood louvers unless otherwise indicated.

1. Wood Species: Species compatible with door faces.

2.5 LIGHT FRAMES

A. Wood Beads for Light Openings in Wood Doors: Provide manufacturer's standard wood beads as follows unless otherwise indicated.

1. Wood Species: Species compatible with door faces.
2. Profile: Lipped tapered beads.
3. At wood-core doors with 20-minute fire-protection ratings, provide wood beads and metal glazing clips approved for such use.

B. Wood-Veneered Beads for Light Openings in Fire-Rated Doors: Manufacturer's standard wood-veneered noncombustible beads matching veneer species of door faces and approved for use in doors of fire-protection rating indicated. Include concealed metal glazing clips where required for opening size and fire-protection rating indicated.

C. Metal Frames for Light Openings in Fire-Rated Doors: Manufacturer's standard frame formed of 0.048-inch thick, cold-rolled steel sheet; with baked-enamel- or powder-coated finish; and approved for use in doors of fire-protection rating indicated.

2.6 FABRICATION

A. Factory fit doors to suit frame-opening sizes indicated. Comply with clearance requirements of referenced quality standard for fitting unless otherwise indicated.

1. Comply with requirements in NFPA 80 for fire-rated doors.

B. Factory machine doors for hardware that is not surface applied. Locate hardware to comply with DHI-WDHS-3. Comply with final hardware schedules, door frame Shop Drawings, DHI A115-W series standards, and hardware templates.

1. Coordinate with hardware mortises in metal frames to verify dimensions and alignment before factory machining.
2. Metal Astragals: Factory machine astragals and formed-steel edges for hardware for pairs of fire-rated doors.

C. Transom and Side Panels: Fabricate matching panels with same construction, exposed surfaces, and finish as specified for associated doors. Finish bottom edges of transoms and top edges of rabbeted doors same as door stiles.

1. Fabricate door and transom panels with full-width, solid-lumber meeting rails. Provide factory-installed spring bolts for concealed attachment into jambs of metal door frames.

D. Openings: Cut and trim openings through doors in factory.

1. Light Openings: Trim openings with moldings of material and profile indicated.
2. Glazing: Factory install glazing in doors indicated to be factory finished. Comply with applicable requirements in Division 08 Section "Glazing."
3. Louvers: Factory install louvers in prepared openings.

E. Exterior Doors: Factory treat exterior doors with water repellent after fabrication has been completed but before factory finishing.

1. Flash top of out swinging doors (with manufacturer's standard metal flashing).

2.7 SHOP PRIMING

A. Doors for Transparent Finish: Shop prime doors with stain (if required), other required pretreatments, and first coat of finish as specified in Division 09 Section "Exterior Painting Staining and Transparent Finishing." Seal all four edges, edges of cutouts, and mortises with first coat of finish.

2.8 FACTORY FINISHING

A. General: Comply with referenced quality standard for factory finishing. Complete fabrication, including fitting doors for openings and machining for hardware that is not surface applied, before finishing.

1. Finish faces, all four edges, edges of cutouts, and mortises. Stains and fillers may be omitted on top and bottom edges, edges of cutouts, and mortises.

B. Finish doors at factory.

C. Transparent Finish:

1. Grade: Custom.
2. Finish: AWI TR-7 Clear Polyester system.
3. Sheen: Semi gloss.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine doors and installed door frames before hanging doors.

1. Verify that frames comply with indicated requirements for type, size, location, and swing characteristics and have been installed with level heads and plumb jambs.
2. Reject doors with defects.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

A. Hardware: For installation, see Division 08 Section "Door Hardware."

B. Installation Instructions: Install doors to comply with manufacturer's written instructions and the referenced quality standard, and as indicated.

1. Install fire-rated doors in corresponding fire-rated frames according to NFPA 80.

C. Job-Fitted Doors: Align and fit doors in frames with uniform clearances and bevels as indicated below; do not trim stiles and rails in excess of limits set by manufacturer or permitted for fire-rated doors. Machine doors for hardware. Seal edges of doors, edges of cutouts, and mortises after fitting and machining.

1. Clearances: Provide 1/8 inch at heads, jambs, and between pairs of doors. Provide 1/8 inch from bottom of door to top of decorative floor finish or covering unless otherwise indicated. Where threshold is shown or scheduled, provide 1/4 inch from bottom of door to top of threshold unless otherwise indicated.

a. Comply with NFPA 80 for fire-rated doors.

2. Bevel non-fire-rated doors 1/8 inch in 2 inches at lock and hinge edges.
3. Bevel fire-rated doors 1/8 inch in 2 inches at lock edge; trim stiles and rails only to extent permitted by labeling agency.

D. Factory-Fitted Doors: Align in frames for uniform clearance at each edge.

E. Factory-Finished Doors: Restore finish before installation if fitting or machining is required at Project site.

3.3 ADJUSTING

A. Operation: Rehang or replace doors that do not swing or operate freely.

B. Finished Doors: Replace doors that are damaged or that do not comply with requirements. Doors may be repaired or refinished if work complies with requirements and shows no evidence of repair or refinishing.

END OF SECTION 081416

SECTION 081433 - STILE AND RAIL WOOD DOORS

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:
   1. Interior stile and rail wood doors.
   2. Priming stile and rail wood doors.
   3. Fitting stile and rail wood doors to frames and machining for hardware.
   4. Pre-hanging doors in frames.

1.2 SUBMITTALS

A. Product Data: For each type of product indicated.

B. Shop Drawings: Indicate location, size, and hand of each door; elevation of each kind of door; construction details not covered in Product Data; and other pertinent data.

C. Samples: Representing typical range of color and grain for each species of veneer and solid lumber required. Finish Sample with same materials proposed for factory-finished doors.

1.3 QUALITY ASSURANCE

A. Manufacturer Qualifications: A qualified manufacturer that is certified for chain of custody by an FSC-accredited certification body.

B. Forest Certification: Provide doors made with all wood products obtained from forests certified by an FSC-accredited certification body to comply with FSC STD-01-001, "FSC Principles and Criteria for Forest Stewardship."

C. Safety Glass: Provide products complying with testing requirements in 16 CFR 1201, for Category II materials, unless those of Category I are expressly indicated and permitted.

PART 2 - PRODUCTS

2.1 MATERIALS

A. General: Use only materials that comply with referenced standards and other requirements specified. Assemble exterior doors and side lites with wet-use adhesives.

B. Low-Emitting Materials: Provide doors made with adhesives and composite wood products that do not contain urea-formaldehyde resins.

2.2 EXTERIOR STILE AND RAIL WOOD DOORS

A. Exterior Stile and Rail Wood Doors Type SRD: Exterior doors complying with WDMA I.S.6, "Industry Standard for Wood Stile and Rail Doors."

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
2. Basis-of-Design Product: Subject to compliance with requirements, provide product indicated on Drawings or comparable product by one of the following:

    a. Belentry Doors LLC.
    b. International Door and Latch.
    c. Jeld-Wen, Inc.
    d. Karona, Inc.
    e. McPhillips Manufacturing Company.
    f. QSM Doors, Inc.
    g. Simpson Door Company.

3. Finish and Grade: Transparent and Premium or Select.
4. Wood Species: Idaho white, lodge pole, ponderosa, or sugar pine.
5. Glass: Uncoated, clear insulating-glass units made from two lites of 3.0-mm-thick, fully tempered glass with 1/4-inch (6.4-mm) inter space complying with Division 08 Section "Glazing."

2.3 INTERIOR STILE AND RAIL WOOD DOORS

A. Interior Stile and Rail Wood Doors Type SRD: Interior doors complying with WDMA I.S.6, "Industry Standard for Wood Stile and Rail Doors."

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
2. Basis-of-Design Product: Subject to compliance with requirements, provide product indicated on Drawings or comparable product by one of the following:

    a. Belentry Doors LLC.
    b. International Door and Latch.
    c. Jeld-Wen, Inc.
    d. Karona, Inc.
    e. McPhillips Manufacturing Company.
    f. QSM Doors, Inc.
    g. Simpson Door Company.

3. Finish and Grade: Transparent and Premium or Select.
4. Wood Species: Idaho white, lodgepole, ponderosa, or sugar pine.

5. Glass: Uncoated, clear, laminated glass made from two lites of 3.0-mm-thick annealed glass complying with Division 08 Section "Glazing."

2.4 STILE AND RAIL WOOD DOOR FABRICATION

A. Fabricate stile and rail wood doors in sizes indicated for field fitting.

B. Factory fit doors to suit frame-opening sizes indicated, with the following uniform clearances and bevels unless otherwise indicated:

1. Clearances: Provide 1/8 inch (3 mm) at heads, jambs, and between pairs of doors. Provide 1/2 inch (13 mm) from bottom of door to top of decorative floor finish or covering. Where threshold is shown or scheduled, provide not more than 3/8 inch (10 mm) from bottom of door to top of threshold.

    a. Comply with NFPA 80 for fire-rated doors.

2. Bevel non-fire-rated doors 1/8 inch in 2 inches (3-1/2 degrees) at lock and hinge edges.
3. Bevel fire-rated doors 1/8 inch in 2 inches (3-1/2 degrees) on lock edge; trim stiles and rails only to extent permitted by labeling agency.

C. Factory machine doors for hardware that is not surface applied.

D. Glazed Openings: Trim openings indicated for glazing with solid wood moldings, with one side removable. Miter wood moldings at corner joints.

E. Glazed Openings: Glaze doors at factory with glass of type and thickness indicated, complying with Division 08 Section "Glazing." Install glass using manufacturer's standard elastomeric glazing sealant complying with ASTM C 920. Secure glass in place with removable wood moldings. Miter wood moldings at corner joints.

F. Transom and Side Panels: Fabricate panels to match adjoining doors in materials, finish, and quality of construction.

G. Exterior Doors: Factory treat exterior doors after fabrication with water-repellent preservative to comply with WDMA I.S.4. Flash top of out-swinging doors with manufacturer's standard metal flashing.

H. Pre-hung Doors: Provide stile and rail doors as pre-hung units including doors, frames, weather stripping, and hardware.

1. Provide wood door frames that comply with Division 06 Section "Interior Finish Carpentry."
2. Provide hardware, including weather stripping and thresholds, that complies with Division 08 Section "Door Hardware."

2.5 SHOP PRIMING

A. Doors for Transparent Finish: Shop prime doors with stain (if required), other required pretreatments, and first coat of finish as specified in Division 09 Section "Staining and Transparent Finishing." Seal all four edges, edges of cutouts, and mortises with first coat of finish.

2.6 FINISHING

A. Finish wood doors at factory that are indicated to receive transparent finish. For doors indicated to be factory finished, comply with AWI's "Architectural Woodwork Quality Standards," and with other requirements specified.

B. Transparent Finish:

1. Grade: Premium.
2. Finish: AWI catalyzed polyurethane system.
3. Staining: As selected by Architect from manufacturer's full range.
4. Effect: Open-grain finish.
5. Sheen: Satin.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Hardware: For installation, see Division 08 Section "Door Hardware."

B. Install wood doors to comply with manufacturer's written instructions, WDMA I.S.6, "Industry Standard for Wood Stile and Rail Doors," and other requirements specified.

C. Field-Fitted Doors: Align and fit doors in frames with uniform clearances and bevels as indicated below; do not trim stiles and rails in excess of limits set by manufacturer or permitted with fire-rated doors. Machine doors for hardware. Seal cut surfaces after fitting and machining.

1. Clearances: Provide 1/8 inch (3 mm) at heads, jambs, and between pairs of doors. Provide 1/4 inch (6 mm) from bottom of door to top of decorative floor finish or covering. Where threshold is shown or scheduled, provide 1/4 inch (6 mm) from bottom of door to top of threshold.

2. Bevel non-fire-rated doors 1/8 inch in 2 inches (3-1/2 degrees) at lock and hinge edges.

D. Factory-Fitted Doors: Align in frames for uniform clearance at each edge.

END OF SECTION 081433

SECTION 08411 - ALUMINUM ENTRANCES

PART 1 - GENERAL

1.1 SUMMARY

A. Related Documents: Conditions of the Contract, Division 1 - General Requirements, and Drawings apply to Work of this Section.

B. Section Includes:
1. Aluminum doors complete with hardware.

D. Related Sections:
1. Submittal requirements
2. Metal Fabrications
3. Rough Carpentry.
4. Joint Sealants.
5. Door Hardware.
6. Glazing.

1.2 REFERENCES

A. Aluminum Association (AA):
1. DAF-45 Designation System for Aluminum Finishes.

B. American Architectural Manufacturers Association (AAMA):
1. 501.2 Field Check of Metal Curtain Walls for Water Leakage.
2. 2605 Voluntary Specification for High Performance Organic Coatings on Architectural Extrusions and Panels.
3. 606.1 Specifications and Inspection Methods for Integral Color Anodic Finishes for Architectural Aluminum.
4. 607.1 Specifications and Inspection Methods for Clear Anodic Finishes for Architectural Aluminum.
5. 608.1 Specification and Inspection Methods for Electrolytically Deposited Color Anodic Finishes for Architectural Aluminum.
6. 701.2 Specifications for Pile Weather-stripping.
7. Manual #10 Care and Handling of Architectural Aluminum From Shop to Site.
8. SFM-1 Aluminum Storefront and Entrance Manual.

C. American National Standards Institute (ANSI):
1. A117.1 Safety Standards for the Handicapped.

D. American Society for Testing and Materials (ASTM):
1. A36 Structural Steel.
2. A123 Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products.
3. B209 Aluminum and Aluminum - Alloy Sheet and Plate.
4. B221 Aluminum-Alloy Extruded Bars, Rods, Wire, Shapes, and Tubes.
5. B308 Aluminum-Alloy 6061-T6 Standard Structural Shapes, Rolled or Extruded.
6. E283 Test Method for Rate of Air Leakage Through Exterior Windows, Curtain Walls and Doors.
7. E330 Test Method for Structural Performance of Exterior Windows, Curtain Walls and Doors by Uniform Static Air Pressure

Difference.

8. E331 Test Method for Water Penetration of Exterior Windows, Curtain Walls and Doors by Uniform Static Air Pressure Difference.

E. Federal Specifications (FS):
1. TT-P-641G(1) Primer Coating, Zinc Dust-Zinc Oxide (For Galvanized Surfaces).
2. TT-P-645A Primer, Paint, Zinc Chromate, Alkyd Type.

F. Steel Structures Painting Council (SSPC):
1. Paint 12 Cold-Applied Asphalt Mastic (Extra Thick Film).

1.3 SYSTEM REQUIREMENTS

A. Design Requirements:
1. Drawings are diagrammatic and do not purport to identify nor solve problems of thermal or structural movement, glazing, anchorage, or moisture disposal.
2. Requirements shown by details are intended to establish basic dimension of units, sight lines and profiles of members.
3. Provide concealed fastening.
4. Provide entrance and storefront systems, including necessary modifications, to meet specified requirements and maintaining visual design concepts.
5. Attachment considerations are to take into account site peculiarities and expansion and contraction movements so there is no possibility of loosening, weakening or fracturing connection between units and building structure or between units themselves.
6. Anchors, fasteners and braces shall be structurally stressed not more than 50% of allowable stress when maximum loads are applied.
7. Provide for expansion and contraction due to structural movement without detriment to appearance or performance.

1.4 SUBMITTALS

A. General: Submit in accordance with Section 01300.

B. Product Data:
1. Submit manufacturer's descriptive literature and product specifications.
2. Include information for factory finishes, hardware, accessories, and other required components.
3. Include color charts for finish indicating manufacturer's standard colors available for selection.

C. Shop Drawings:
1. Submit shop drawings covering fabrication, installation and finish of specified systems.
2. Include following:
a. Fully dimensioned plans and elevations with detail coordination keys.
b. Locations of exposed fasteners and joints.
3. Provide detailed drawings of:
a. Composite members.
b. Joint connections for framing systems and for entrance doors.
c. Glazing methods and accessories.
4. Schedule of finishes.

D. Samples:

1. Submit manufacturers standard samples indicating quality of finish.
2. Where normal texture or color variations are expected, include additional samples illustrating range of variation.

1.5 QUALITY ASSURANCE

A. Single Source Responsibility:

1. To ensure quality of appearance and performance, obtain materials for systems from either a single manufacturer or from manufacturer approved by systems manufacturer.

B. Installer Qualifications: Certified in writing by system manufacturer as qualified for installation of specified systems.

C. Perform Work in accordance with AAMA SFM-1 and manufacturer's written instructions.

D. Conform to requirements of ANSI A117.1 and local amendments.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Comply with requirements of Section 01600.

B. Protect finished surfaces as necessary to prevent damage.

C. Do not use adhesive papers or sprayed coatings which become firmly bonded when exposed to sun.

D. Do not leave coating residue on any surfaces.

E. Replace damaged units.

1.7 WARRANTY

A. Provide warranties in accordance with Section 01700.

B. Provide written warranty in form acceptable to Owner jointly signed by manufacturer, installer and Contractor warranting work to be watertight, free from deflective materials, defective workmanship, glass breakage due to defective design, and agreeing to replace components which fail within 1 year from date of Substantial Completion.

C. Warranty shall cover following:

1. Complete watertight and airtight system installation within specified tolerances.
2. System is structurally sound and free from distortion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS AND PRODUCTS

A. Subject to compliance with requirements indicated, provide products by one of the following:
1. Vistawall Architectural Products

B. Substitutions: Submit under provisions of Section 01630, a minimum of 10 days prior to bid date.

C. Acceptable Entrance Systems:

Model 212 -narrow stile (4-1/2" bottom rail, 2-3/4" top rail, 1-5/8" verticals)

2.2 FRAMING MATERIALS AND ACCESSORIES

A. Aluminum:
   1. ASTM B221, alloy 6063-T5 for extrusions; ASTM B209, alloy 5005-H16 for sheets; or other alloys and temper recommended by manufacturer appropriate for specified finish.

B. Internal Reinforcing:
   1. ASTM A36 for carbon steel.
   2. Shapes and sizes to suit installation.
   3. Steel components factory coated with alkyd type zinc chromate primer complying with FS TT-P-645.

C. Anchorage Devices:
   1. Manufacturer's standard formed or fabricated steel or aluminum assemblies of shapes, plates, bars or tubes.
   2. Hot-dip galvanize steel assemblies after fabrication, comply with ASTM A123, 2.0 ounce minimum coating.

D. Fasteners:
   1. Aluminum, non-magnetic stainless steel or other non-corrosive materials compatible with items being fastened.
   2. Provide concealed fasteners wherever possible.
   3. For exposed locations, provide Phillips flathead screws with finish matching item fastened.
   4. For concealed locations, provide manufacturer's standard fasteners.

E. Expansion Anchor Devices: Lead-shield or toothed-steel, drilled-in, expansion bolt anchors.

F. Protective Coatings: Cold-applied asphalt mastic complying with SSPC-Paint 12, compounded for 30 mil thickness for each coat; or alkyd type zinc chromate primer complying with FS TT-P-645.

G. Touch-Up Primer for Galvanized Components: Zinc oxide conforming with FS TT-P-641.

H. Glazing Gaskets:
   1. Compression type design, replaceable, molded or extruded, of neoprene, polyvinyl chloride (PVC), or ethylene propylene diene monomer (EPDM).
   2. Profile and hardness as required to maintain uniform pressure for watertight seal.

I. Weather-stripping:
   1. Wool pile conforming to AAMA 701.2.
   2. Provide EPDM or vinyl-blade gasket weather-stripping in bottom door rail, adjustable for contact with threshold.

2.3 GLAZING

A. Refer to Section 088100.

2.4 DOOR HARDWARE

A. Refer to Section 087100.

2.5 FABRICATION

A. Coordination of Fabrication:
   1. Check actual frame or door openings required in construction work by accurate field measurements before fabrication.
   2. Fabricate units to withstand loads which will be applied when system is in place.

B. General
   1. Conceal fasteners wherever possible.
   2. Reinforce work as necessary for performance requirements, and for support to structure.
   3. Separate dissimilar metals and aluminum in contact with concrete utilizing protective coating or preformed separators which will prevent contact and corrosion.
   4. Comply with Section 08810 for glazing requirements.

D. Entrance Doors:
   1. Fabricate with mechanical joints using internal [steel] reinforcing plates and shear blocks attached with fasteners and by welding.
   2. Provide extruded aluminum glazing stops of rounded and mitered design, permanently anchored on security side and removable on opposite side.

E. Hardware:
   1. Receive hardware supplied in accordance with Section 08710 and install in accordance with requirements of this Section.
   2. Cut, reinforce, drill and tap frames and doors as required to receive hardware.
   3. Comply with hardware manufacturer's templates and instructions.
   4. Use concealed fasteners wherever possible.

F. Welding:
   1. Comply with recommendations of the American Welding Society.
   2. Use recommended electrodes and methods to avoid distortion and discoloration.
   3. Grind exposed welds smooth and flush with adjacent surfaces; restore mechanical finish.

G. Flashings: Form from sheet aluminum with same finish as extruded sections. Material thickness as required to suit condition without deflection or "oilcanning".

2.6 FINISHES

A. Color Anodized:
   1. Conforming to AA-M12C22A44 and AAMA 606.1 and 608.1.
   2. Architectural Class [I] [II], etched, medium matte, dark bronze colored anodic coating, 0.7 mil minimum thickness.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine conditions and proceed with Work in accordance with Section 014000.

3.2 INSTALLATION

A. Erection Tolerances:

1. Limit variations from plumb and level:
   a. 1/8 inch in 10'-0" vertically.
   b. 1/8 inch in 20'-0" horizontally.
2. Limit variations from theoretical locations: 1/4 inch for any member at any location.
3. Limit offsets in theoretical end-to-end and edge-to-edge alignment: 1/16 inch from flush surfaces not more than 2 inches apart or out-of-flush by more than 1/4 inch.

B. Install doors and hardware in accordance with manufacturer's printed instructions.
C. Set units plumb, level and true to line, without warp or rack of frame.
D. Anchor securely in place, allowing for required movement, including expansion and contraction.
E. Separate dissimilar materials at contact points, including metal in contact with masonry or concrete surfaces, with bituminous paint or preformed separators to prevent contact and corrosion.
F. Set sill members in bed of sealant. Set other members with internal sealants and baffles to provide weathertight construction.
G. Coordinate installation of perimeter sealant and backing materials between assemblies and adjacent construction in accordance with requirements of Section 07920.
H. Glazing: Refer to requirements of Section 08810.

3.3 ADJUSTING

A. Test door operating functions. Adjust closing and latching speeds and other hardware in accordance with manufacturer's instructions to ensure smooth operation.

3.4 CLEANING

A. Clean surfaces in compliance with manufacturer's recommendations; remove excess mastic, mastic smears, foreign materials and other unsightly marks.
B. Clean metal surfaces exercising care to avoid damage.

END OF SECTION

SECTION 085113 – VINYL WINDOWS

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes fixed and operable aluminum-framed windows.

1.2 PERFORMANCE REQUIREMENTS

A. General: Provide vinyl windows capable of complying with performance requirements indicated, based on testing manufacturer's windows that are representative of those specified, and that are of minimum test size required by AAMA/WDMA 101/I.S.2/NAFS.

B. Structural Performance: Provide vinyl windows capable of withstanding the effects of the following loads, based on testing units representative of those indicated for Project that pass AAMA/WDMA 101/I.S.2/NAFS, Uniform Load Structural Test:

1. Design Wind Loads: Determine design wind loads applicable to Project from basic wind speed indicated in miles per hour (meters per second) at 33 feet (10 m) above grade, according to ASCE 7, Section 6.5, "Method 2-Analytical Procedure," based on mean roof heights above grade indicated on Drawings.

a. Basic Wind Speed: 90 mph (40 m/s).
b. Exposure Category: C.

2. Deflection: Design glass framing system to limit lateral deflections of glass edges to less than 1/175 of glass-edge length or 3/4 inch (19 mm), whichever is less, at design pressure based on testing performed according to AAMA/WDMA 101/I.S.2/NAFS, Uniform Load Deflection Test or structural computations.

C. Windborne-Debris Resistance: Provide glazed windows capable of resisting impact from windborne debris, based on the pass/fail criteria as determined from testing glazed windows identical to those specified, according to ASTM E 1886 and testing information in ASTM E 1996 and requirements of authorities having jurisdiction.

D. Thermal Movements: Provide aluminum windows, including anchorage, that allow for thermal movements resulting from the following maximum change (range) in ambient and surface temperatures by preventing buckling, opening of joints, overstressing of components, failure of joint sealants, failure of connections, and other detrimental effects. Base engineering calculation on surface temperatures of materials due to both solar heat gain and nighttime-sky heat loss.

1. Temperature Change (Range): 180 deg F (100 deg C) material surfaces.

1.3 SUBMITTALS

A. Product Data: For each type of vinyl window indicated.

B. Shop Drawings: Include plans, elevations, sections, details, hardware, attachments to other work, operational clearances, and installation details

C. Samples: For each exposed finish.

D. Product Schedule: Use same designations indicated on Drawings.

E. Field quality-control test reports.

F. Product test reports.

G. Maintenance data.

1.4 QUALITY ASSURANCE

A. Installer: A qualified installer, approved by manufacturer to install manufacturer's products.

B. Glazing Publications: Comply with published recommendations of glass manufacturers and with GANA's "Glazing Manual" unless more stringent requirements are indicated.

C. Mockups: Build mockups to verify selections made under sample submittals and to demonstrate aesthetic effects and set quality standards for materials and execution.

D. Pre-installation Conference: Conduct conference at Project site.

1.5 WARRANTY

A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace vinyl windows that fails in materials or workmanship within specified warranty period.

1. Failures include, but are not limited to, the following:

a. Failure to meet performance requirements.
b. Structural failures including excessive deflection, water leakage, air infiltration, or condensation.
c. Faulty operation of movable sash and hardware.

d. Deterioration of metals, other materials, and metal finishes beyond normal weathering.
e. Failure of insulating glass.

2. Warranty Period:

a. Window: Three years from date of Substantial Completion.
b. Glazing: 10 years from date of Substantial Completion.
c. Metal Finish: 15 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

B. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

C. Basis-of-Design Product: Subject to compliance with requirements, provide the product indicated (Alenco 1111S or Jeld Wen) or a comparable product by one of the following:

1. Gerkin Windows and Doors.
2. Graham Architectural Products Corp.
3. Kawneer; an Alcoa Company.
4. Peerless Products Inc.
5. Thermal Windows, Inc.
6. TRACO.

2.2 WINDOW A,B,C,D,E.

A. Window Type: As indicated in a schedule.

B. Comply with AAMA/WDMA 101/I.S.2/NAFS.

1. Performance Class and Grade: R20.
2. Performance Class and Grade: LC30.
3. Performance Class and Grade: C35.
4. Performance Class and Grade: HC45.
5. Performance Class and Grade: AW 45.
6. Performance Class and Grade: As indicated.

C. Condensation-Resistance Factor (CRF): Provide vinyl windows tested for thermal performance according to AAMA 1503, showing a CRF of 45.

D. Thermal Transmittance: Provide vinyl windows with a whole-window, U-factor maximum indicated at 15-mph (24-km/h) exterior wind velocity and winter condition temperatures when tested according to ASTM E 1423.

1. U-Factor: 0.40 Btu/sq. ft. x h x deg F (2.3 W/sq. m x K or less).

E. Solar Heat-Gain Coefficient (SHGC): Provide vinyl windows with a whole-window SHGC maximum of 0.50, determined according to NFRC 200 procedures.

2.3 GLAZING

A. Glass and Glazing Materials: Refer to Division 08 Section "Glazing" for glass units and glazing requirements applicable to glazed aluminum window units.

B. Glass:Clear, insulating-glass units, argon gas filled, with low-E coating pyrolytic on second surface or sputtered on second or third surface, complying with Division 08 Section "Glazing."

C. Glazing System: Manufacturer's standard factory-glazing system that produces weathertight seal and complies with requirements for windborne-debris resistance.

2.4 INSECT SCREENS

A. General: Design windows and hardware to accommodate screens in a tight-fitting, removable arrangement, with a minimum of exposed fasteners and latches. Fabricate insect screens to fully integrate with window frame. Locate screens on outside of window and provide for each operable exterior sash or ventilator.

1. Aluminum Tubular Frame Screens: Comply with SMA 1004, "Specifications for Aluminum Tubular Frame Screens for Windows," Residential R-20 class.

B. Aluminum Insect Screen Frames: Manufacturer's standard aluminum alloy complying with SMA 1004. Fabricate frames with mitered or coped joints or corner extrusions, concealed fasteners, and removable PVC spline/anchor concealing edge of frame.

1. Aluminum Tubular Framing Sections and Cross Braces: Roll formed from aluminum sheet with minimum wall thickness as required for class indicated.
2. Finish: Match aluminum window members.
3. Finish: Baked-on organic coating in color selected by Architect from manufacturer's full range.
4. Finish: Manufacturer's standard.

C. Aluminum Wire Fabric: 18-by-16 (1.1-by-1.3-mm) mesh of 0.011-inch- (0.28-mm-) diameter, coated aluminum wire.

1. Wire-Fabric Finish: Charcoal gray.

D. Wickets: Provide sliding wickets, framed and trimmed for a tight fit and for durability during handling.

2.5 FABRICATION

A. Fabricate vinyl windows that are re-glazable without dismantling sash or ventilator framing.

B. Weather Stripping: Provide full-perimeter weather stripping for each operable sash and ventilator.

C. Weep Holes: Provide weep holes and internal passages to conduct infiltrating water to exterior.

D. Provide water-shed members above side-hinged ventilators and similar lines of natural water penetration.

E. Mullions: Provide mullions and cover plates as shown, matching window units, complete with anchors for support to structure and installation of window units. Allow for erection tolerances and provide for movement of window units due to thermal expansion and building deflections, as indicated. Provide mullions and cover plates capable of withstanding design loads of window units.

F. Subframes: Provide subframes with anchors for window units as shown, of profile and dimensions indicated but not less than 0.062-inch- (1.6-mm-) thick extruded aluminum. Miter or cope corners, and weld and dress smooth with concealed mechanical joint fasteners. Finish to match window units. Provide subframes capable of withstanding design loads of window units.

G. Glazing Stops: Provide snap-on glazing stops coordinated with Division 08 Section "Glazing" and glazing system indicated. Provide glazing stops to match sash and ventilator frames.

2.6 VINYL FINISHES

A. Vinyl Finish:

1. Color: As selected by Architect from full range of industry colors and color densities.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Comply with Drawings, Shop Drawings, and manufacturer's written instructions for installing windows, hardware, accessories, and other components.

B. Install windows level, plumb, square, true to line, without distortion or impeding thermal movement, anchored securely in place to structural support, and in proper relation to wall flashing and other adjacent construction.

C. Set sill members in bed of sealant or with gaskets, as indicated, for weathertight construction.

D. Install windows and components to drain condensation, water penetrating joints, and moisture migrating within windows to the exterior.

E. Separate aluminum and other corrodible surfaces from sources of corrosion or electrolytic action at points of contact with other materials.

F. Adjust operating sashes and ventilators, screens, hardware, and accessories for a tight fit at contact points and weather stripping for smooth operation and weather tight closure. Lubricate hardware and moving parts.

G. Clean vinyl surfaces immediately after installing windows. Avoid damaging protective coatings and finishes. Remove excess sealants, glazing materials, dirt, and other substances.

H. Clean factory-glazed glass immediately after installing windows. Comply with manufacturer's written recommendations for final cleaning and maintenance. Remove nonpermanent labels, and clean surfaces.

I. Remove and replace glass that has been broken, chipped, cracked, abraded, or damaged during construction period.

3.2 FIELD QUALITY CONTROL

A. Testing Agency: Engage a qualified testing agency to perform tests and inspections and prepare test reports.

1. Testing and inspecting agency will interpret tests and state in each report whether tested work complies with or deviates from requirements.

B. Testing Services: Testing and inspecting of installed windows shall take place as follows:

1. Testing Methodology: Testing of windows for air infiltration and water resistance shall be performed according to AAMA 502, Test Method A, by applying same test pressures required to determine compliance with AAMA/WDMA 101/I.S.2/NAFS in Part 1 "Performance Requirements" Article.
2. Testing Extent: Three mockup windows as selected by Architect and a qualified independent testing and inspecting agency. Windows shall be tested immediately after installation.
3. Test Reports: Shall be prepared according to AAMA 502.

C. Remove and replace non-complying vinyl window and retest as specified above.

D. Additional testing and inspecting, at Contractor's expense, will be performed to determine compliance of replaced or additional work with specified requirements.

END OF SECTION 085113

SECTION 08710 – FINISH HARDWARE

PART 1 – GENERAL:

1.1 SUMMARY:

A. Section includes Finish Hardware

B. Related Sections
Finish Carpentry – Division 6
Hollow Metal Doors and Frames – Division 8
Aluminum Storefront – Division 8

1.2 REFERENCES:

A. Documents and Institutes that shall be used in estimating, detailing and installing the items specified.
1. International Building Code – Current Edition
2. ICC/ANSI A117.1 – Accessible and Usable Building and Facilities – Current Edition
3. NFPA80 –Standards For Fire Doors and Fire Windows – Current Edition
4. NFPA101 – Life Safety Code – Current Edition
5. NFPA105 – Installation of Smoke-Control Door Assemblies – Current Edition.
6. UL Labeled for Rated Doors.
7. DHI – Door and Hardware Institute
8. SDI- Steel Door Institute
9. ANSI - American National Standards Institute
10. BHMA – Builders Hardware Manufacturers Association
11. Local Building Codes

1.3 SUBMITTALS

A. Comply with pertinent provisions of Section 01300.

B. Finish Hardware Schedule to be in vertical format to include:
1. Heading #/Hardware Set
2. Door #, Location, Hand, Degree of Opening, Door Size and Type, Frame Size and Type, Fire Rating
3. Quantity, type, style, function, product, product number, size, fasteners, finish and manufacturer of each hardware item.
4. Location of hardware set cross-referenced to indications on Drawings both on floor plans and in door and frame schedule.
5. Keying schedule
6. Title Sheet, Index, Abbreviations, Manufacturers List, Template List and Templates.
7. Mounting locations for hardware.
8. Explanation of abbreviations, symbols, and codes contained in schedule.

C. Product Data: Product data shall be provided, in the form of a binder, manufacturer's technical product fact sheets for each item of hardware. Include whatever information may be necessary to show compliance with requirements, including instructions for installation and for maintenance of operating parts and finish.

D. Wiring Diagrams: Riser/Elevation and Point to Point Wiring Diagrams shall be provided. Include whatever information may be necessary for coordination with other trades.

E. Samples: Samples shall be provided as requested by owner or architect with Heading # and Door# marked on boxes. All samples shall be returned to the contractor and used on doors for which they were marked

F. Templates: Templates of finish hardware items to be supplied are to be furnished to each fabricator of doors, frames and other work to be factory-prepared for the installation of hardware.

G. Keying Schedule: A keying schedule shall be submitted using keyset symbols referenced in DHI manual "Keying Systems and Nomenclature." The keying schedule shall be indexed by door number, keyset, hardware heading number, cross keying instructions and special key stamping instructions.

H. Operations and maintenance data: At the completion of the job, furnish to the owner two copies of an owner's operation and maintenance manual. The manual shall consist of a labeled hardcover three ring binder with the following technical information:
   1. Title page containing: Project name, address and phone numbers. Supplier's name, address and phone numbers.
   2. Table of Contents.
   3. Copy of final Finish Hardware Schedule and Keying Schedule
   4. Maintenance instruction for each item of hardware.
   5. Catalog pages for each product.
   6. Installation Instructions and Parts List for all Locks, Exit Devices and Door Closers.

1.4 QUALITY ASSURANCES

A. Substitutions: Request for substitutions shall not be accepted within this project. Architect, owner and Hardware Consultant have selected one (1) specified and two (2) equals listed hereinafter in the Hardware Schedule. By this selection process they have established three (3) equal products for competitive pricing, while insuring no unnecessary delays by a substitution process. If any specified product is listed as a "No Substitution" product, this product will be supplied as specified, with no alteration or request of substitution. The reason for this is to comply with the uniformity established at this project. Parts and supplies are inventoried for these particular products for ease and standardization of replacement.

B. Supplier Qualifications: Supplier shall be recognized architectural finish hardware supplier, with warehousing facilities, who have been furnishing hardware in the

project vicinity for a period of not less than 2 year and who is or employs a DHI Certified AHC or person with a minimum of 10 years of experience as a hardware suppliers. This person shall be available at reasonable times during the course of the work for consultation about products hardware requirements, to the owner, architect and contractor.

C. Installer Qualifications: Installer for mechanical hardware shall have a minimum of 2 years of experience of installing architectural finish hardware and attend a pre-installation meeting with the manufacturer's representative of locks, exit devices and closers.

1.5 DELIVERY, STORAGE AND HANDLING

A. Marking and packaging: Mark each item or package separately, with identification related to hardware set number, door number and keyset symbol.

B. Delivery:
1. Deliver individually packaged and properly marked finish hardware at the proper time and location to avoid any delays in construction or installation.
2. At time of delivery, inventory hardware jointly with representatives of hardware supplier and hardware installer until each is satisfied that count is correct.

C. Storage: Store hardware in enclosed, dry and locked area.

1.6 WARRANTY

A. All finish hardware products shall be covered by a 1 year factory warranty from the date of substantial completion of the project.

B. Supply warranty verification to the owner for products that provide factory warranties for periods longer than one year. Mechanical Door Closers shall carry a 10-year warranty.

1.7 MAINTENANCE:

A. Maintenance Service
1. None

B. Extra Materials:
1. All installation tools provided by the manufacturers shall be turned over to the owner at the completion of the job.

PART 2 – PRODUCTS

2.1 MANUFACTURER

A. Manufacturer Location Abbreviation Website

Bommer Ind, Inc.	Landrum, SC	BOM	www.bommer.com
Doromatic	Princeton, IL	COR	www.doromatic.com
Falcon	Security, CO	FAL	www.falconlock.com
Glynn Johnson	Indianapolis, IN	GLY	www.glynn-johnson.com
Hager Hinge Co	St Louis, MO	HAG	www.hagerhinge.com
Ives	Indianapolis, IN	IVE	www.iveshardware.com
LCN	Princeton, IL	LCN	www.lcnclosers.com
Monarch	Sheperdsville,	MON	www.monarchhardware.com
National Guard	Memphis, TN	NGP	www.ngpinc.com
Pemko	Ventura, CA	PEM	www.pemko.com
Rockwood	Rockwood, PA	ROC	www.rockwoodmfg.com
Sargent	New Haven, CT	SAR	www.sargentlock.com
Schlage	Security, CO	SCH	www.schlage.com
Trimco/BBW/Quality	Los Angeles, CA	TRI	www.trimcobbw.com
Von Duprin	Indianapolis, IN	VON	www.vonduprin.com

2.2 MATERIALS

A. Screws and Fasteners:
1. Closers and exit devices provided for exterior doors shall be provided with thru-bolts.
2. All finish hardware shall be installed to manufacturers recommendations, using screws, attachments and installation tools provided with the hardware. No other screws or attachments are acceptable.
3. All other products to meet door and frame conditions.

B. Hinges:
1. Template: Provide templated units only.
2. Exterior: All exterior hinges shall be standard weight (.134 or .146 ga) five knuckle, ball bearing, full mortise type, stainless steel.
3. Interior: All interior hinges shall be standard weight (.134 or .146 ga) five knuckle, ball bearing, full mortise type.
4. Provide non-removable pins for outswinging doors at secured areas or as called for in this specification.
5. Size: Provide 4 ½ x 4 ½ hinges on doors up to 3'0" in width. Provide 5 x 4 ½ hinges on door from 3'2" to 4'0" in width. Reference manufacturers catalog for all other sizes.
6. Number of Hinges: Provide number of hinges indicated but not less than 3 hinges for door leaf for doors 90" or less in height and one additional hinge for each 30" of additional height.
7. The width of hinge shall be sufficient to clear all trim.
8. Supply from the following list of manufacturers:
Ives
Hager
Bommer

C. Continuous Hinges
1. Hinges to be manufactured of 6063-T6 aluminum alloy with anodized finish.

2. Door and frame leaves to be machined, anodized and assembled as a matched pair.
3. Door and frame leaves to be anodized after all machining and drilling processes are complete.
4. all hinge profiles shall be manufactured to template screw locations, with standard duty and heavy duty hole patterns identical as to number and placement of holes.
5. All hinge profiles to be manufactured to template bearing locations, with standard duty bearing configurations at 5 1/8" spacing with a minimum of 16 bearings; and heavy duty at 2 9/16" spacing with a minimum of 32 bearings.
6. Hinge leaves to be extruded at a uniform 1/8" thickness from pivot point to outside edge of hinge leaf.
7. Uncut hinges shall be non-handed and shall be a pinless assembly of three interlocking extrusions applied to the full height of the door and frame without mortising.
8. Vertical door loads shall be carried on chemically lubricated thermoplastic thrust bearings.
9. The door and frame leaves shall be continuously geared together for the entire hinge length and this relationship secured with a full-length cover channel so that the hinge will operate through a full 180 degrees.
10. All rotating areas of the gear cap and geared leaves shall have a permanent lubricant which is factory applied along the full length of the hinge, and the lubricant shall last the life of the hinge with no additional maintenance required.
11. Fastners supplied shall be 410 stainless steel, brite hardened and plated.
12. Supply from the following list of manufacturers:
    Ives
    Select
    Zero

D. Flush Bolts
1. Provide constant latching flush bolts that remains latched until the door is opened, then the top bolt can be manually released. The bottom bolt is automatic as shown in hardware sets
2. UL listed for fire doors as required.
3. Fits standard ANSI A115.4 Door and Frame preparation.
4. Meets ANSI156.3, Type 27
5. As codes and conditions permit, provide on the inactive door of pairs, extension flush bolts at top of doors. Provide all necessary strikes, shim and guides to insure proper installation.
6. Supply from the following manufacturer:
    Ives
    Trimco
    Rockwood

E. Coordinator
1. Provide coordinator that is a bar type.
2. UL listed for fire doors.
3. Meets ANSI/BHMA A156.3, Type 21A

4. Supply from the following manufacturer:
   Ives
   Trimco
   Rockwood

F. Cylindrical Locks/Latches
1. Provide cylindrical locksets that comply with ANSI A156.2, Series 4000, Grade 1; tested to exceed 3,000,000 cycles. Functions as listed in Hardware Sets.
2. Provide cylindrical locksets that meet ANSI A117.1, Accessibility Code.
3. Provide cylindrical locksets that meet UL A label; to have a minimum listing for single doors 4' x 8'
4. Provide cylindrical locksets that comply with California Fire Safety Code; lever return to within 1/2" of the door where applicable.
5. Lockset to have the ability to incorporate either a rigid or free-wheeling lever when in locked mode where shown in hardware sets.
6. Chassis to be field-changeable to free-wheeling lever.
7. Chassis to be one-piece, modular assembly.
8. Chassis to be multi-functional; interchange of function assembly without disassembly of lockset.
9. Spindle to be deep-draw manufactured. Manufacturers utilizing stamped spindles are not acceptable.
10. Spring Cage to have double compression springs. Manufacturers utilizing torsion springs are not acceptable.
11. Spindle and Spring Cage (internal) to be one-piece integrated assembly.
12. Levers to be bi-directional, independent assemblies.
13. Lever to be free-wheeling when locked where shown in hardware sets.
14. Levers are to be solid. Manufacturers utilizing fillers of any kind are not acceptable.
15. Levers are to be plated to match BHMA finishes.
16. Levers to have grooved tactile warnings on back side of lever where shown in hardware sets. Manufactures that insert devices and/or apply materials for warning are not acceptable.
17. Anti-rotation plate to be interlocking to lock chassis. Manufacturers utilizing anti-rotation plates with bit-tabs are not acceptable.
18. Thru-bolts to be a minimum of ¼" in diameter.
19. Thru-bolts to secure anti-rotation plate without sheer line. Manufacturers utilizing fully threaded thru-bolts are not acceptable.
20. Adjustment plate to be threaded for door thickness adjustment.
21. Adjustment plate to adjust for doors from 1 5/8" thickness to 2 1/8" thickness.
22. Adjustment plate to have visual chassis marking for doors 1 ¾" thick.
23. Latchbolt to be steel with minimum ½" throw deadlatch on keyed and exterior functions; ¾" throw anti-friction latchbolt on pairs of doors.
24. Strike to be ANSI curved lip, 1 ¼" x 4 7/8", 16 gauge, with 1" deep box construction.
25. Supply from the following list of manufacturers:
    Schlage – ND Rhodes
    Falcon – T
    Sargent – 11 Line

G. Exit Devices
1. All exit devices are to be architectural grade touch bar type.
2. All exit devices to meet ANSI A156.3, 1994, Grade 1. All exit devices are UL listed for Accident Hazard or Fire Exit Hardware.
3. All lever trim to match lock trim in design and finish.
4. Dogging: All non-rated devices are to be provided with dogging. Cylinder dogging as shown in hardware sets.
5. All devices are to be supplied and installed with thru-bolts.
6. Mullion shall be removable. Keyed removable as shown in hardware sets.
7. All push pads shall be metal, no plastic inserts allowed.
8. Function and type as listed in hardware sets.
9. Supply from the following list of manufacturers:
   Von Duprin 99 Series
   Monarch 18 Series
   Sargent 80 Series

H. Pull Plates
1. Pull Plates to meet ANSI 156.6 for .050" thickness. Plate size to 4" x 16" with 1" round on pull plate.
2. Supply from the following list of manufacturers
   Ives
   Trimco
   Rockwood

I. Push Plates
1. Push Plates to meet ANSI 156.6 for .050" thickness. Plate size to be 4" x 16".
2. Supply from the following list of manufacturers
   Ives
   Trimco
   Rockwood

J. Door Closers
1. Door closers shall meet the minimum requirements of the 1990 ADA act, in lieu of ANSI Standard A156.4 and ANSI, Grade 1.
2. Door closers shall be furnished with full cover. Sized in accordance with the manufacturers recommendations for door size and condition.
3. Door closers shall be furnished with backcheck, delayed action, hold-open and advanced backcheck as listed in the Hardware Schedule.
4. Door closers shall be mounted out of the line of sight wherever possible (i.e., room side of corridor doors, etc.) with parallel arm mounting on out swinging doors. Mount closer top jamb or on brackets and/or drop plates, where special conditions call for it. All closer installation on wood doors shall include sex nut bolts.
5. Supply from the following list of manufacturers
   LCN 4040/1460
   Doromatic SC71/SC81
   Sargent 351/1431

K. Door Protection Plates
1. Protective plates shall meet ANSI A156.6 requirements for .050 thickness.
2. Kickplates shall be 10" by 2" less than door width on single door and 1" less than door width on pair of doors or as indicated in hardware sets. Beveled 3 edges. Adjust Kickplate height to fit bottom rails when lites or louvers conflict.
3. Armor plates shall be 34" by 2" less than door width or as indicated in hardware sets. Beveled 4 edges.
4. Supply from the following list of manufacturers:
Ives
Rockwood
Trimco

L. Door Stops and Holders:
1. Wall and Floor Stops: Supply wall stops where needed to protect doors or door hardware. When wall conditions do not permit use of wall stop provide floor stops with risers as needed to adjust for floor conditions.
2. Overhead Stops: Where wall or floors stops are not applicable provide surface overhead stops.
3. Supply from the following list of manufacturers:
Ives
Glynn Johnson
Trimco

M. Silencers
1. Provide silencers on all doors without smoke seal or weatherstrip. 3 for single doors and 2 for pairs.
2. Provide silencers as required for frame conditions
3. Supply from the following list of manufacturer's
Ives
Rockwood
Trimco

N. Thresholds/Weatherstripping
1. All thresholds shall conform to state and local handicap codes.
2. Smoke seal shall be teardrop design bulb seal.
3. Perimeter seal shall be vinyl.
4. Drip strips shall protrude 2 ½".
5. Provide door sweeps with drip cap.
6. Provide UL meeting stile gasketing for fire rated doors.
7. Supply from the following list of manufacturer's
National Guard
Hager
Pemko

2.3 FINISHES

CATEGORY	FINISH
Butts	
Interior Non Labeled	652

Interior Labeled	652
Interior Corrosive Area	630
Exterior	630
Continuous Hinges	ALUM
Flush Bolts/Dust Proof Strikes	626
Locks/Latches	626
Cylinders	626
Exit Devices	626/630
Door Closers	ALUM
Push Plates	630
Pull Plates	630
Protective Plates	630
Door Stops and Holders	626
Overhead Stops/Holders	626
Weatherstrip and Threshold	ALUM

2.4 KEYING:

A. General: Supplier will meet with owner to finalize keying requirements and provide a new Master Key System for the project.

B. Keys: Provide nickel silver keys only. Furnish 3 change keys for each lock: 5 master keys for each master system and 5 grandmaster keys for each grandmaster key system. Deliver all keys to owners' representative.

C. Provide Construction Masterkey system which permits voiding of the construction key system without removal of the cylinders. Removal of construction masterkey system is to be performed by the general contractor as directed by the owner.. Provide 12 construction masterkeys.

2.5 KEY CONTROL:

A. Key Management: Key control shall be provided, by supplying a complete key storage and management system. Each key shall be fully cut, indexed, tagged and installed on cabinet hooks by the lock supplier and shipped with the locks. Key cabinet provided shall be wall-mounted type with capacity plus 50%.

B. Key Lock Boxes: Designed for storage of two keys, with tamper switches to connect to intrusion detection system. 3200-series.

C. Knox Company (KNX).

2.6 ACCESS CONTROL:

A. Provide LockLink Express (Schlage) security management software.

PART 3 – EXECUTION:

3.1 EXAMINATION:

A. Examine doors, frames and related items for conditions that would prevent the proper application of any finish hardware items. Do not proceed with installation until all defects are corrected.

3.2 INSTALLATION:

A. Follow Door and Hardware Institute Publication for:
Recommended Location for Architectural Hardware for Standard Steel Doors and Frames
Recommended Location for Builder's Hardware for Custom Steel Doors and Frames
Recommended Locations for Architectural Hardware for Wood Flush Door

B. Follow ANSI A117.1-1998 Accessible and Usable Building and Facilities

C. Review mounting locations with Architect.

D. Pre Installation meeting required with attendees to include Architect, Contractor, Carpenter, Supplier and Manufacturer's Representative for Exit Device, Locks and Closers before installation begins.

3.3 FIELD QUALITY CONTROL:

A. After installation has been completed, obtain the services of a qualified hardware consultant to check for proper application of finish hardware, according to the finish hardware schedule and keying schedule. In addition, check all hardware for adjustments and proper operation.

3.4 ADJUST AND CLEAN:

A. Adjust, clean and inspect all hardware, to ensure proper operation and function of every opening. Replace items, which cannot be adjusted to operate freely and smoothly as intended for the application made.

3.5 PROTECTION:

A. The contractor shall use all means at his disposal to protect all finish hardware items from abuse, corrosion and other damage until the owner accepts the project as complete.

3.6 HARDWARE SCHEDULE

HW SET: 1

DOOR NUMBER:
102 111B

EACH TO HAVE:
1 EA CONTINUOUS HINGE 224HD-DOOR HEIGHT REQUIRED 628 IVE

1	EA	DEADLOCK	MS1850SN	628	AR
2	EA	MORTISE CYLINDER	985 CMK	626	FA
1	PR	OFFSET PULLS	8190-0-M (BACK-TO-BACK)	630	IVE
1	EA	SURFACE CLOSER	SC71 X SNB	689	DOR
1	EA	MOUNTING PLATE	18PA	689	DOR
1	EA	FLOOR STOP/HOLDER	FS446	626	TRI
1	EA	DOOR SWEEP	100VA-LENGTH REQUIRED	628	NGP
1	EA	THRESHOLD	425 SIA -LENGTH REQUIRED	628	NGP
1	SET	WEATHER STRIP	BY DOOR MFG		B/O

HW SET: 2

DOOR NUMBER:
102

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	PUSH PLATE	8200 4" X 16"	630	IVE
1	EA	PULL PLATE	8303-8 4" X 16"	630	IVE
1	EA	SURFACE CLOSER	SC81 RW/PA	689	DOR
1	EA	KICK PLATE	8400 10" X 2" LDW	630	IVE
1	EA	WALL STOP	WS407CCV	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

HW SET: 4

DOOR NUMBER:
105 106 107 109 110 111
112114 115 116

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	OFFICE LOCK	T521 QUA CMK	626	FA
1	EA	WALL STOP	WS407CCV	630	IVE
3	EA	SILENCERS	SR64		IVE

HW SET: 05

DOOR NUMBER:
108, 113

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5 NRP	630	IVE
1	EA	EXIT HARDWARE	99L-F X SNB	628	VON
1	EA	RIM CYLINDER	951 CMK	626	FA
1	EA	SURFACE CLOSER	SC71 DS SNB	689	DOR

1	EA	KICK PLATE	8400 10" X 2" LDW	630	IVE
1	SET	SEALS	160-HEAD & JAMBS	BRN	NGP
1	EA	SWEEP	100VA-LENGTH REQD	628	NGP
1	EA	THRESHOLD	425-LENGTH REQD	628	NGP

HW SET: 06

DOOR NUMBER:
117

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5 NRP	630	IVE
1	EA	STOREROOM LOCK	T581 QUA CMK	626	FA
1	EA	SURFACE CLOSER	SC71 DS SNB	689	DOR
1	EA	KICK PLATE	8400 10" X 2" LDW	630	IVE
1	SET	SEALS	160-HEAD & JAMBS	BRN	NGP
1	EA	SWEEP	100VA-LENGTH REQD	628	NGP
1	EA	THRESHOLD	425-LENGTH REQD	628	NGP

HW SET: 7

DOOR NUMBER:
118 119 120

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	PRIVACY LOCK	T521 QUA CMK	626	FA
1	EA	WALL STOP	WS407CCV	630	IVE
1	SET	SEAL	5050	BWN	NGP
1	EA	DOOR BOTTOM	442N	ALUM	NGP

END OF SECTION

SECTION 088100 Glazing

PART 1 - GENERAL

1.1 SECTION INCLUDES

A. Double-Glazed Solar Control Insulating Glass Units.

1.2 RELATED SECTIONS

A. Section 08850 - Glazing Accessories.

1.3 REFERENCES

A. ANSI Z 97.1 - Glazing Materials Used in Buildings, Safety Performance Specifications and Methods of Test.

B. ASTM C 1036 - Standard Specification for Flat Glass.

C. ASTM C 1048 - Standard Specification for Heat-Treated Flat Glass--Kind HS, Kind FT Coated and Uncoated Glass.

D. ASTM C 1376 - Standard Specification for Pyrolytic and Vacuum Deposition Coatings on Glass.

E. ASTM E 773 - Standard Test Method for Accelerated Weathering of Sealed Insulating Glass Units.

F. ASTM E 774 - Standard Specification for the Classification of the Durability of Sealed Insulating Glass Units

G. ASTM E 2188 – Standard Test Method for Insulating Glass Unit Performance.

H. ASTM E 2190 - Standard Specification for Insulating Glass Unit Performance and Evaluation.

I. CPSC 16CFR-1201 - Safety Standard for Architectural Glazing Materials.

J. Glass Association of North America (GANA) Glazing Manual.

1.4 DEFINITIONS

A. Sealed Insulating Glass Unit Surfaces:
   1. Surface No. 1: Exterior surface of outer lite.
   2. Surface No. 2: Interior surface of outer lite.

3. Surface No. 3: Exterior surface of inner lite.
4. Surface No. 4: Interior surface of inner lite.

B. Airspace: Space between lites of an insulating glass unit that contains dehydrated air or other inert specified gas.

1.5 SUBMITTALS

A. Comply with Section 01330 - Submittal Procedures.

B. Product Data: Submit manufacturer's product data, including performance characteristics and installation instructions.

C. Shop Drawings: Submit manufacturer's or fabricator's shop drawings, including plans, elevations, sections, and details, indicating glass dimensions, tolerances, types, thicknesses, and coatings.

D. Samples: Submit manufacturer's samples of each type, thickness, and coating.

E. Fabricator's Certification: Submit fabricator's certification by manufacturer.

F. Cleaning Instructions: Submit manufacturer's cleaning instructions.

G. Warranty: Submit manufacturer's standard warranty for sealed insulating glass units.

1.6 QUALITY ASSURANCE

A. Manufacturer's Qualifications: Minimum of 5 years experience manufacturing solar control coated glass.

B. Fabricator's Qualifications:
1. Minimum of 5 years experience manufacturing sealed insulating glass units meeting ASTM E 2190, Class CBA.
2. Certified by manufacturer.

C. Mock-Ups:
1. Comply with Section 01450 - Quality Control.
2. Obtain acceptance of mock-ups by Architect before proceeding with work.

1.7 DELIVERY, STORAGE, AND HANDLING

A. Delivery:
1. Deliver glass to site in accordance with manufacturer's instructions.
2. Deliver glass in manufacturer's or fabricator's original containers and packaging, with labels clearly identifying product name and manufacturer.

B. Storage:

1. Store glass in accordance with manufacturer's instructions.
2. Store glass in clean, dry area indoors.
3. Protect from exposure to direct sunlight and freezing temperatures.
4. Apply temporary coverings loosely to allow adequate ventilation.
5. Protect from contact with corrosive chemicals.
6. Avoid placement of glass edge on concrete, metal, and other hard objects.
7. Rest glass on clean, cushioned pads at 1/4-points.

C. Handling:
1. Handle glass in accordance with manufacturer's instructions.
2. Protect glass from damage during handling and installation.
3. Do not slide 1 lite of glass against another.
4. Do not use sharp objects near unprotected glass.

PART 2 - PRODUCTS

2.1 MANUFACTURER

A. Guardian Industries Corp., 14600 Romine Road, Carleton, Michigan 48117. Toll Free (800) 521-9040. Phone (734) 654-6264. Fax (734) 654-0935. Web Sites www.guardian.com, www.sunguardglass.com.

B. Substitutions:
1. Not permitted.

2.2 FABRICATORS

A. Sealed Insulating Glass Units, Heat-Strengthened Glass, Tempered Glass, and Spandrel Glass:
1. Acceptable Fabricators: Certified by Guardian Industries Corp. to fabricate SunGuard Solar Control Coated Glass products.

2.3 SOLAR CONTROL INSULATING COATED GLASS

A. Double-Glazed Sputter-Coated Insulating Glass Units:
1. Conformance: ASTM E 2190, Class CBA.
2. Outboard Lite: Sputter-coated clear float glass.
a. Annealed Clear Float Glass: ASTM C 1036, Type 1, Class 1, Quality q3.
b. Vacuum Deposition Sputtered Coating: ASTM C 1376.
c. Coating on Surface No. 2: Sun Guard SuperNeutral 68 (SN 68).
d. Glass Thickness: 6 mm (1/4 inch).
e. Heat Treatment: Heat-strengthened, ASTM C 1048, Kind HS.
3. Air Space: 12 mm (1/2 inch) wide, hermetically sealed, dehydrated air space.
4. Inboard Lite: Clear float glass.
a. Annealed Clear Float Glass: ASTM C 1036, Type 1, Class 1, Quality q3.
b. Glass Thickness: 6 mm (1/4 inch).
c. Heat-Treatment: None

5. Glass Unit Performance Characteristics:
   a. Visible Light Transmittance: 44 percent
   b. Visible Light Reflectance Outdoors: 8 percent
   c. Direct Solar Energy Transmittance: 21 percent
   d. Direct Solar Energy Reflectance Outdoors: 13 percent
   e. Winter U-Value Nighttime: 0.29
   f. Summer U-Value Daytime: 0.28
   g. Shading Coefficient: 0.37
   h. Solar Heat Gain Coefficient: 0.33
   i. Summer Relative Heat Gain: 78
6. Edge Seals: ASTM E 773, with aluminum spacers and silicone sealant for glass-to-spacer seals.
7. Sealant: Approved by glass manufacturer.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine areas to receive glass. Notify Architect of conditions that would adversely affect installation. Do not proceed with installation until unsatisfactory conditions are corrected.

3.2 PREPARATION

A. Verify glazing openings are correct size and within tolerance.

B. Verify glazing channels, recesses, and weeps are clean and free of obstructions.

3.3 GLAZING

A. Install glass in accordance with manufacturer's instructions, except where local codes or GANA Glazing Manual indicate more stringent requirements.

3.4 FIELD QUALITY CONTROL

A. Coated glass, when viewed from minimum of 10 feet, exhibiting slightly different hue or color not apparent in hand samples, will not be cause of rejection of glass units, as determined by Architect.

B. Verify glass is free of chips, cracks, and other inclusions that could inhibit structural or aesthetic integrity.

3.5 CLEANING

A. Clean glass promptly after installation in accordance with manufacturer's instructions.

B. Remove labels from glass surface.

C. Do not use harsh cleaning materials or methods that would damage glass.

3.6 PROTECTION

A. Protect installed glass from damage during construction.

B. Protect installed glass from contact with contaminating substances resulting from construction operations.

C. Remove and replace glass that is broken, chipped, cracked, abraded, or damaged in other ways during construction period, including natural causes, accidents, and vandalism.

END OF SECTION

SECTION 08900

Louvers

PART 1 GENERAL

1.1 SUMMARY

A. Section Includes: Metal louver vents.

B. Related Sections:
1. Section Structural Metal Stud Framing.
2. Section Rough Carpentry.
3. Section Gypsum Board Assemblies.

1.2 REFERENCES

A. ASTM International (ASTM):
1. ASTM C473 Standard Test Methods for Physical Testing of Gypsum Panel Products.
2. ASTM C518 Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus.
3. ASTM C1002 Standard Specification for Steel Self-Piercing Tapping Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Wood Studs or Steel Studs.
4. ASTM C1177 Standard Specification for Glass Mat Gypsum Substrate for Use as Sheathing.
5. ASTM C1280 Standard Specification for Application of Gypsum Sheathing.
6. ASTM E72 Standard Test Methods of Conducting Strength Tests of Panels for Building Construction.
7. ASTM E96 Standard Test Methods for Water Vapor Transmission of Materials.

1.3 SUBMITTALS

A. Product Data: Manufacturer's specifications and installation instructions for each product specified.

PART 2 PRODUCTS

2.1 MATERIALS
A. Glass-Mat Faced Gypsum Sheathing: ASTM C1177:
1. Thickness: 1/2 inch.
2. Width: 4 feet.
3. Length: 8 feet.
4. Weight: 1900 pounds per M square feet.
5. Edges: Square.

6. Surfacing: Coated glass mat on face, back, and long edges.
7. Racking Strength (Ultimate, not design value) (ASTM E72): Not less than 540 pounds per square foot, dry.
8. Flexural Strength, Parallel (ASTM C473): 80 lbf, parallel.
9. Humidified Deflection (ASTM C1177): Not more than 1/4 inch.
10. Permeance (ASTM E96): 23 perms.
11. R-Value (ASTM C518): 0.56.
12. Acceptable Products:
    a. 1/2 inch DensGlass Gold, Georgia-Pacific Gypsum.

2.3 ACCESSORIES

A. Screws: ASTM C1002, corrosion resistant treated.

PART 3 EXECUTION

3.1 EXAMINATION

A. Verification of Conditions:
1. Inspection: Verify that project conditions and substrates are acceptable, to the installer, to begin installation of work of this section.

3.2 INSTALLATION

A. General: In accordance with ASTM C1280 and the manufacturer's recommendations.

1. Manufacturer's Recommendations:
   a. Current "Product Catalog", Georgia-Pacific Gypsum.

3.3 PROTECTION

A. Protect gypsum board installations from damage and deterioration until date of Substantial Completion.

END OF SECTION 061643

SECTION 092600 GYPSUM BOARD ASSEMBLIES

PART 1 – GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Construction Agreement and Division 1 Specification Sections apply to this Section.

1.2 SUMMARY

A. This Section includes the following:
   1. Interior gypsum wallboard.
   2. Gypsum board panels for ceilings and soffits.
   3. Tile backing panels.
   4. Non-load-bearing steel framing.
   5. Metal trim with bonded paper face.
   6. Gypsum exterior wall sheathing

B. Related Sections include the following:
   1. Division 5 Section " Metal Stud Framing" for load-bearing steel framing.
   2. Division 6 Section "Rough Carpentry" for plywood sheathing at vertical board-and-batten exterior wall panels.
   3. Division 7 Section "Building Insulation" for insulation installed in gypsum board assemblies.

1.3 DEFINITIONS

A. Gypsum Board Terminology: Refer to ASTM C 11 for definitions of terms for gypsum board assemblies not defined in this Section or in other referenced standards.

1.4 SUBMITTALS

A. Product Data: For each type of product indicated. Where accessory products are specified to be as recommended by a manufacturer, submit evidence of the manufacturer's recommendation with the associated product literature.

1.5 QUALITY ASSURANCE

A. Fire- Test-Response Characteristics: For gypsum board assemblies with fire-resistance ratings, provide materials and construction identical to those tested in assembly indicated according to ASTM E 119 by an independent testing and inspecting agency acceptable to authorities having jurisdiction.
   1. Fire-Resistance-Rated Assemblies: Indicated by design designations from FM's "Approval Guide, Building Products," UL's "Fire Resistance Directory," GA-600, "Fire Resistance Design Manual."

B. Sound Transmission Characteristics: For gypsum board assemblies with STC ratings, provide materials and construction identical to those tested in assembly indicated according to ASTM E 90 and classified according to ASTM E 413 by a qualified independent testing agency.
   1. STC-Rated Assemblies: Indicated by design designations from GA-600 r "Fire Resistance Design Manual."

C. Materials and installation shall conform to the following standards:

ASTM A924 Standard Specification for General Requirements for Steel Sheet, Metallic-coated by the Hot-dip Process.

1. ASTM C 645 Standard Specification for Non-structural Steel Framing Members.
2. ASTM C754 Standard Specification for Installation of Steel Framing Members to Receive Screw-attached Gypsum Panel Products.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Deliver materials in original packages, containers, or bundles bearing brand name and identification of manufacturer or supplier.

B. Store materials inside under cover and keep them dry and protected against damage from weather, direct sunlight, surface contamination, corrosion, construction traffic, and other causes. Stack gypsum panels flat to prevent sagging.

1 .7 PROJECT CONDITIONS

A. Environmental limitations: Comply with ASTM C 840 requirements or gypsum board manufacturer's written recommendations, whichever are more stringent.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

1. Gypsum Board and Related Products:
   a. American Gypsum Co.
   b. G-P Gypsum Corp.
   c. National Gypsum Company.
   d. United States Gypsum Co.
   e. James Hardie Gypsum
   f. Temple-Inland Forest Products Corporation
   g. Louisiana Pacific
2. Metal trim with paper face: United States Gypsum Co. "Sheetrock" Paperfaced Metal Drywall Bead and Trim.
   a. Contractor's option: In lieu of metal trim with paper face, provide "No-Coat" Structural Drywall Corners by Drywall Systems International.

2.3 GYPSUM WALLBOARD

A. Panel Size: Provide in maximum lengths and widths available that will minimize joints in each area and correspond with support system indicated.

B. Gypsum Wallboard: ASTM C 36.

1. Regular Type:
   a. Thickness: 5/8 inch, unless indicated otherwise.
   b. Long Edges: Tapered.
   c. location: Vertical surfaces, unless otherwise indicated.
3. Type X:
   a. Thickness: 5/8 inch, unless indicated otherwise.

b. long Edges: Tapered.
c. location: As indicated and where required for fire-resistance-rated assembly.

4. Proprietary, Special Fire-Resistive Type: ASTM C 36, having improved fire resistance over standard Type X.
   a. Available Products: Subject to compliance with requirements, products that may be incorporated into the Work indude, but are not limited to, the following:
      i. American Gypsum Co.; FireBloc Type C.
      ii. G-P Gypsum Corp.; Firestop Type C.
      iii. National Gypsum Company; Gold Bond Fire-Shield G.
      iv. United States Gypsum Co.; SHEETROCK Brand Gypsum Panels, FIRECODE C Core.
   b. Thickness: 5/8 inch, unless indicated otherwise.
   c. long Edges: Tapered.
   d. location: As indicated and Where required for specific fire-resistance-rated assembly indicated.

2.4 TILE BACKING PANELS

A. Unless indicated otherwise, at walls that receive ceramic tile, finish provide moisture resistant wallboard where the ceramic tile-finished wallboard will not be subjected to water, such as in public toilet rooms, and
   1. in bathrooms except walls in wet areas that require silicone-treated wallboard. Provide tile backer board at three
   2. walls above bathtubs, at shower enclosure walls and curbs, and at other walls subject to wetting by plumbing fixtures.
   3. Panel size: Provide in maximum lengths and widths available that will minimize joints in each area and correspond with support system indicated.

B. Water-resistant Gypsum Backing Board: ASTM C 630.
   1. Core: 5/8 inch
   2. Type X where indicated.

C. Silicone-treated core and moisture-resistant copolymer coating on the face.
   1 . "Dens-Shield" by Georgia Pacific.
   2. Thickness: 5/8 inch

D. Cementitious Backer Units: ANSI A118.9
   1. “Durock” Exterior Cement Board; United States Gypsum Co.
   2. Thickness: 5/8 inch

2.5 GYPSUM BOARD SHEATHING

A. Gypsum Sheathing Board (Contractor's option):
   Glass-Mat Gypsum Sheathing Board: Manufactured in accordance with ASTM C 1177.
   1. Product: "Dens-Glass Gold" by G-P Gypsum Corp.
      a. 5/8 inch thick, unless noted otherwise.
      b. Fiber-Reinforced Gypsum Wall Sheathing: meets ASTM C1278, and meets or exceeds physical property requirements of ASTM C79, ASTM Cl177, and ASTM C931.
   2. Product: "Fiberock" Sheathing, USG

a. 5/8 inch thick, unless noted otherwise.

2.6 TRIM ACCESSORIES

A. Interior Trim: "USG "Sheetrock" Paper-faced Metal Drywall Bead and Trim.

B. Corner beads: USG "Sheetrock B-1 "Superwide".

Contractor's option: In lieu of metal trim with paper face, provide copolymer plastic trim with bonded paper face.

1. "No-Coat" Structural Drywall Corners by Drywall Systems International. Phone 888-662-6281. Web site address www.no-coat.com.
2. Material: Copolymer plastic with paper face and joint tope backing, engineered for fully bonded adhesive application with joint compound and without mechanical fasteners. Bonding surface of corner bead shall be not less than 48 square inches per linear foot.
   a. Shapes:
      i. Corner bead: "PowerSeries" Corner.
      ii. LC-Bead: "L Trim SmartSeries.".
      iii. Expansion (Control) Joint: Use where indicated.

2.7 JOINT TREATMENT MATERIALS

A. General: Comply with ASTM C 475.

B. Joint Tape:
   a. Interior Gypsum Wallboard: Paper.
   b. Exterior Gypsum Soffit Board: Paper.
   c. Tile Backing Panels: As recommended by panel manufacturer.
   d. Paper-faced Metal Corner Bead does not require joint tape.
   e. Joint Compound for Interior Gypsum Wallboard: For each coat use formulation that is compatible with other compounds applied on previous or for successive coots.
   f. Pre-filling: At open joints, rounded or beveled panel edges, and damaged surface areas, use setting-type taping compound.

C. Embedding and First Coat: For embedding tope and first coat on joints, fasteners, and trim flanges, use drying-type, all-purpose compound.

D. Use USG "Durabond" setting compound for installing paper-faced trim accessories. Follow corner trim manufacturer's recommendations for materials and installation methods~

E. Fill Coat: For second coat, use drying-type, all-purpose compound.

F. Finish Coat: For third coat, use drying-type, all-purpose compound.

G. Joint Treatment for Cementitious Backer Units: As recommended by panel manufacturer.

H. Joint treatment for abuse-resistant wallboard: As recommended by the wallboard manufacturer.

2.10 AUXILIARY MATERIALS

A. General: Provide auxiliary materials that comply with referenced installation standards and manufacturer's written recommendations.

B. Laminating Adhesive: Adhesive or joint compound recommended for directly adhering gypsum panels to continuous substrate.

C. Steel Drill Screws: ASTM C 1002, unless otherwise indicated. Use screws complying with ASTM C 954. for fastening panels to steel members from 0.033 to 0.112 inch thick.
D. Foam Gasket: Adhesive-backed, closed-cell vinyl foam strips that allow fastener penetration without foam displacement, 1/8 inch thick, in width to suit steel stud size.
E. Sound Attenuation Blankets: ASTM C 665, Type I (blankets without membrane facing) produced by combining thermosetting resins with mineral fibers manufactured from glass, slag wool, or rock wool.
   1. Fire-Resistance-Rated Assemblies: Comply with mineral-fiber requirements of assembly.
F. Thermal Insulation: As specified in Division 7 Section "Building Insulation."

PART 3 - EXECUTION

3.1 EXAMINATION
A. Examine areas and substrates, with Installer present, and including welded hollow metal frames, cast-in anchors, and structural framing, for compliance with requirements and other conditions affecting performance. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION
A. Suspended Ceilings: Coordinate installation of ceiling suspension systems with installation of overhead structure to ensure that inserts and other provisions for anchorage to building structure have been installed to receive ceiling hangers at spacing required to support ceilings and that hangers will develop their full strength.
B. Furnish concrete inserts and other devises indicated to other trades for installation in advance of time needed for coordination and construction.

3.6 INSTALLATION, SHEATHING
A. Do not use materials with defects that impair quality of sheathing or pieces that are too small to use with minimum number of joints or optimum joint arrangement.
B. Cut panels at penetrations, edges, and other obstructions of work; fit tightly against abutting construction, unless otherwise indicated.
C. Securely attach to substrate by fastening as indicated, complying with the manufacturer/s installation instructions.
D. Coordinate wall sheathing installation with flashing and joint-sealant installation so these materials are installed in sequence and manner that prevent exterior moisture from passing through completed assembly.
E. Do not bridge building expansion joints; cut and space edges of panels to match spacing of structural support elements.

3.7 GYPSUM SHEATHING INSTALLATION
A. Comply with GA-253 and with manufacturer's written instructions.
B. Install gypsum sheathing where indicated/ including behind lapped siding:
C. Fasten gypsum sheathing to wood framing with screws.

E. Install boards with a 3/8-inch gap where non-load-bearing construction abuts structural elements.
F. Install boards with a l/4-inch gap where they abut masonry or similar materials that might retain moisture, to prevent wicking.
G. Apply fasteners so heads bear tightly against face of sheathing boards but do not cut into facing.
H. Horizontal Installation: Install sheathing with V-grooved edge down and tongue edge up. Interlock tongue with groove to bring long edges in contact with edges of adjacent boards without forcing. Abut ends of boards over centers of studs/ and stagger end joints of adjacent boards not less than one stud spacing. Attach boards at perimeter and within field of board to each steel stud.
I. Vertical Installation: Install board vertical edges centered over studs. Abut ends and edges of each board with those of adjacent boards. Attach boards at perimeter and within field of board to each stud.
J. Space fasteners approximately 8 inches o.c. and set back a minimum of 3/8 inch from edges and ends of boards.

3.8 INSTALLATION - WALLS
A. Install drywall furring channels perpendicular to framing members.
B. Space drywall furring channels maximum of 24 inches on center.
1. Locate first drywall furring channel parallel to floor and maximum of 3 inches above floor and 1 drywall furring channel maximum of 6 inches from ceiling.

3.9 INSTALLATION - CEILINGS
A. Install drywall furring channels perpendicular, parallel, or angular to framing members.
B. Space Drywall Furring Channels:
1. Maximum of 24 inches on center with:
2. Single layer of 5/8-inch gypsum board.
3. Double layer of 5/8-inch gypsum board, weighing less than 2.25 pounds per square foot per layer.
4. Single layer of 1/2-inch high-strength gypsum board.
5. Double layer of 1/2-inch high-strength gypsum board.
6. Maximum of 16 inches on center with:
i. Double layer of 5/8-inch gypsum board.
ii. Single layer of 112-inch regular-strength gypsum board.
iii. Double layer of 1/2-inch regular-strength gypsum board.
iv. Reduce spacing of drywall furring channels to prevent potential for sagging of gypsum board or when additional loads are supported by resilient sound isolation clips.
C. Locate drywall furring channels maximum of 3 inches from parallel wall assemblies.

3.10 APPLYING AND FINISHING PANELS, GENERAL
A. Gypsum Board Application and Finishing Standards: ASTM C 840 and GA-216.
B. Install sound attenuation blankets before installing gypsum panels, unless blankets are readily installed after panels have been installed on one side.
C. Install ceiling board panels across framing to minimize the number of abutting end joints and to avoid abutting end joints in the central area of each ceiling.

Stagger abutting end joints of adjacent panels not less than one framing member.

D. Install gypsum panels with face side out. Butt panels together for a light contact at edges and ends with not more than 1116 inch of open space between panels. Do not force into place.

E. Locate edge and end joints over supports, except in ceiling applications where intermediate supports or gypsum board back-blocking is provided behind end joints. Do not place tapered edges against cut edges or ends. Stagger vertical joints on opposite sides of partitions. Do not make joints other than control joints at corners of framed openings.

F. Attach gypsum panels to steel studs so leading edge or end of each panel IS attached to open (unsupported) edges of stud flanges first.

G. Attach gypsum panels to framing provided at openings and cutouts.

H. Form control and expansion joints with space between edges of adjoining gypsum panels.

I. Isolate perimeter of non-load-bearing gypsum board partitions at structural abutments, except floors. Provide 1/4- to 112-inch- wide spaces at these locations, and trim edges with U-bead edge trim where edges of gypsum panels are exposed. Seal joints between edges and abutting structural surfaces with acoustical sealant.

J. STC-Rated Assemblies: Seal construction at perimeters, behind control and expansion joints, and at openings and penetrations with a continuous bead of acoustical sealant. Install acoustical sealant at all perimeter edges of both faces of partitions and through-penetrations. Comply with ASTM C 919 and manufacturer's written recommendations for locating edge trim and closing off sound-flanking paths around or through gypsum board assemblies, including sealing partitions above acoustical ceilings.

1. Space fasteners in gypsum panels according to referenced gypsum board application and finishing standard and manufacturer's written recommendations.

K. Space fasteners in panels that are tile substrates maximum of 8 inches o.c.

3.11 PANEL APPLICATION METHODS

A. Single-Layer Application:

1. On ceilings, apply gypsum panels before wall/partition board application to the greatest extent possible and at right angles to framing, unless otherwise indicated.
2. On partitions/walls, apply gypsum panels in a manner which minimizes the number of end-butt joints, unless otherwise indicated or required by fire resistance-rated assembly, and minimize end joints. At high walls install boards horizontally, with end joints staggered over studs.
3. Stagger abutting end joints not less than one framing member in alternate courses of board.
4. At stairwells and other high walls, install panels horizontally, unless otherwise indicated or required by fire-resistance-rated assembly.

D. Single-layer Fastening Methods: Apply gypsum panels to supports with steel drill screws.

G. Tile Backing Panels:

1. Glass-Mat, Water-Resistant Backing Panel at showers, tubs, and where indicated.: Comply with manufacturer's written installation instructions and install at showers, tubs, and where indicated. Install with 1/ 4-inch gap where panels abut other construction or penetrations.
2. Bathroom Areas Not Subject to Wetting: Install standard moisture-resistant gypsum wallboard panels to produce a flat surface, except at showers, tubs, and other locations indicated to receive water-resistant panels.
3. Where tile backing panels abut other types of panels in the same plane, shim surfaces to produce a uniform plane across panel surfaces.

3.12 INSTALLING TRIM ACCESSORIES

A. General: Comply with trim manufacturer's installation instructions.
B. Control Joints: Install control joints at locations indicated on Drawings. If not shown, install control joints according to ASTM C 840 and in specific locations approved by Architect for visual effect. Provide gypsum backing where control joints occur in fire-resistive partitions, as required to maintain fire rating, in accordance with Gypsum Association details and recommendations.

3.13 FINISHING GYPSUM BOARD ASSEMBLIES

A. General: Treat gypsum board joints, interior angles, edge trim, control joints, penetrations, fastener heads, surface defects, and elsewhere as required to prepare gypsum board surfaces for decoration. Promptly remove residual joint compound from adjacent surfaces.
B. Pre-fill open joints, rounded or beveled edges, and damaged surface areas.
C. Apply joint tape over gypsum board joints, except those with trim having flanges not intended for tape.
D. Gypsum Board Finish levels: Finish panels to levels indicated below, according to ASTM C 840, for locations indicated:
   1. level 1: Embed tape at joints in ceiling plenum areas, concealed areas, and where concealed from view unless a higher level of finish is required for fire resistance-rated assemblies and sound-rated assemblies.
   2. level 2: Embed tape and apply separate first coat of joint compound to tape, fasteners, and trim flanges where panels are substrate for ceramic tile or wood panels.
   3. level 4: Embed tape and apply separate first, fill, and finish coats of joint compound to tape, fasteners, and trim flanges at panel surfaces that will be exposed to view, unless otherwise indicated.

3.14 FIELD QUALITY CONTROL

A. Above-Ceiling Observation: Before Contractor installs gypsum board ceilings, Architect will conduct an above-ceiling observation and report deficiencies in the Work observed. Do not proceed with installation of gypsum board to ceiling support framing until deficiencies have been corrected.
   1. Notify Architect seven (7) days in advance of date and time when Project, or part of Project, will be ready for above-ceiling observation.
   2. Before notifying Architect, complete the following in areas to receive gypsum board ceilings:

a. Installation of 80 percent of lighting fixtures, powered for operation.
b. Installation, insulation, and leak and pressure testing of water piping systems.
c. Installation of air-duct systems.
d. Installation of air devices.
e. Installation of mechanical system control-air tubing.
f. Installation of ceiling support framing.

END OF SECTION

SECTION 093100 CERAMIC TILE

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division- 1 Specification sections, apply to work of this section.

1.2 SUMMARY OF WORK

A. Definition: Tile includes ceramic surfacing units made from clay or other ceramic materials.
B. Extent of tile work is indicated on drawings and schedules.
C. Types of tile work in this section include the following:
   1. Unglazed ceramic mosaic floor tile.
   2. Glazed wall tile.
   3. Waterproofing membrane for thin-set wall tile installations.
   4. Waterproof shower pan / membrane at shower floor
   5. Stone thresholds.
   6. Crack suppression system.
D. Refer to Drawings for location and tile patterns.
E. Division 7 Section" Joint Sealants".

1.3 QUALITY ASSURANCE

A. Source of Materials: Provide materials obtained from one source for each type and color of tile, grout, and setting materials.
B. Furnish engineered ceramic tile complying with standard grade requirements of ANSI A137.1 and as specified.
C. Where industry standards are referred to, use most current version of the referenced standard.

1.4 SUBMITTALS

A. Product Data: Submit manufacturer's technical information and installation instructions for materials required, except bulk materials.

B. Samples for Verification Purposes: Submit the following:

   1. Samples for each type of tile and for each color and texture required, not less than 12 inches square.
   2. 6-inch long samples of stone thresholds.
   3. Grout color samples.

1.5 DELIVERY, STORAGE, AND HANDLING

A. Deliver and store packaged materials in original containers with seals unbroken and labels intact until time of use. Prevent damage or

contamination to materials by water, freezing, foreign matter or other causes.

1.6 PROJECT CONDITIONS

A. Maintain environmental conditions and protect work during and after installation to comply with referenced standards and manufacturers printed recommendations.

B. Maintain temperatures at not less than 50 degrees F in tiled areas during installation and for 7 days after completion, unless higher temperatures are required by referenced installation standard or manufacturer's instructions.

1.7 ATTIC STOCK

A. Provide attic stock amounting to 2 percent of the installed amount of each type and color of tile, but no less than one full box of each type and color.

PART 2 - PRODUCTS

2.1 PRODUCTS, GENERAL

A. ANSI Standard for Ceramic Tile: Comply with ANSI A137.1 "American National Standard Specifications for Ceramic Tile" for types and grades of tile indicated.
   1. Furnish tile complying with "Standard Grade" requirements unless otherwise indicated.

B. ANSI Standard for Tile Installation Materials: Comply with ANSI standard referenced with products and materials indicated for setting and grouting.
   1. Colors, Textures and Patterns: For tile, grout and other products requiring selection of colors, surface textures or other appearance characteristics, provide products to match characteristics indicated or, if not otherwise indicated, as selected by Architect from manufacturer's standards.
   2. Provide tile trim and accessories which match color and finish of adjoining flat tile.
   3. Mounting: Where factory-mounted tile is required, provide back or edge-mounted tile assemblies as standard with manufacturer, unless another mounting method is indicated.

2.2 SETTING MATERIALS

A. Standard Thin-Set latex-Portland Cement Mortar or Bond Coat: ANSI A 118.4.
   1. Water emulsion acrylic latex additive: add at project site to prepackaged dry mortar mix recommended by latex manufacturer.
   2. For wall applications, provide non-sagging mortar that complies with Paragraph F-4.6.1 in addition to the other requirements in ANSI A 118.4.

3. latex-Portland Cement Mortar manufacturers: Subject to compliance with requirements, provide products by one of the manufacturers specified.

B. Custom Building Products; "FlexBond" Thin Set Mortar. laticrete International, Inc.; laticrete 211 "Crete Filler" Powder with Laticrete 4237 Thin-Set Mortar Additive.
   1. Mapei Inc.; "Kerabond" with "Keralasfic" additive.
   2. TEC Specialty Products, Inc.; "Full Set" TA-370 with "Acrylbond AMA" TA-862.

C. Mortar Materials - Thick Set Beds:
   1. Site mix of portland cement, sand and water as specified.
   2. Manufacture's pre-packaged thick-bed mortar:
   3. 226 Thick Bed Mortar by laticrete.
   4. Mapecem Premix by Mapei
   5. Portland Cement: ASTM C 150, Type 1, gray.
   6. Sand: ASTM C 144, fine sand.
   7. Hydrated Lime: ASTM C 207, Type S.
   8. Waterproofing Compound: ANSI A 118.10.
   9. Water: potable.
   10. Slurry Bond Coot under bonded mortar beds. Acceptable Products:
      i. laticrete 4237 latex Thin Set Mortar Additive mixed with 211 Crete Powder.
      ii. Mapei Planicrete 50 Multi-Purpose latex Additive mixed with Portland Cement.

2.3 GROUTING MATERIALS

A. Sanded Grout: latex-portland cement sanded grout consisting of a blended mixture of portland cement, color-fast pigments, and high strength aggregates complying with ANSI A 118.7, complete with second generation latex additive. Color as selected by Owner.

B. laticrete 1500 Series Tri-Poly Fortified Sanded Grout with laticrete "1776 Grout Admix Plus"- Basis of Design.

C. Grout colors: As indicated, or if not indicated, to be selected from the manufacturer's full range.

D. Other Acceptable manufacturers and products:

G. Un-sanded Grout: Wall grout consisting of a blended mixture of portland cement, color-fast pigments, and high strength aggregates complying with ANSI A 118.7.

I. Acceptable manufacturers:
   1. laticrete International, Inc.: 1600 Series Tri-Poly Fortified Non-Sanded Grout
   2. Custom Building Products: "Polyblend" Non-sanded grout.
   3. Mapei Inc.: KER 800 polymer-modified un-sanded grout.

2.4 WATERPROOFING MEMBRANE

A. Coordinate type and location of waterproofing membrane in showers with type of floor drain installed.

B. Trowel-Applied waterproofing membrane. Conform to ANSI A 118.10.

1. "Hydroment Ultra-Set" by Bostik.
2. 9235 Membrane by laticrete International.
3. "Mapelastic" by MapeL
4. "Nobleseal TS", Noble Co. (distributed by H. B. Fuller Co.).

C. Chlorinated-Polyethylene-Sheet Product: Non-plasticized, chlorinated polyethylene faced on both sides with high-strength, non-woven polyester fabric, for adhering to latex-portland cement mortar; 60 inches wide by 0.030-inch nominal thickness.

1. Product: Noble Company (The); Nobleseal TS.

D. Glazed Trim Units: Provide tile trim units to match characteristics of adjoining flat tile and to comply with the following requirements:

1. Cove base to match wall tile.
2. Preformed inside and outside corners, and miscellaneous trim.

2.6 MISCELLANEOUS MATERIALS

A. Sealant in Conjunction with Tile: Provide mildew resistant silicone sealant under this Section in compliance with requirements specified under Section Sealants.

1. Color: Color to be selected by Architect.

B. Reinforcing Mesh: Welded wire fabric, 2 inch by 2 inch 16/16 gauge galvanized wire, complying with ASTM A 185 .

C. Tile Cleaner: Product specifically acceptable to manufacturer of tile and grout manufacturer for application indicated and as recommended by National Tile Promotion Federation, 112 North Alfred Street, Alexandria, VA 22134 or Ceramic Tile Institute, 700 N. Virgil Avenue, Los Angeles, CA 90029.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine surfaces to receive tile work and conditions under which tile will be installed. Do not proceed with tile work until surfaces and conditions comply with requirements indicated in referenced tile installation standard.

B. Verify field dimensions and notify Architect of any discrepancies prior to installing tile.

3.2 INSTALLATION, GENERAL

A. ANSI Tile Installation Standard: Comply with applicable parts of ANSI A 108 series of tile installation standards included under "American National Standard Specifications for the Installation of Ceramic Tile".
B. TCA Installation Guidelines: TCA "Handbook for Ceramic Tile Installation"; comply with TCA installation methods indicated or, if not otherwise indicated, as applicable to installation conditions shown.
C. Extend tile work into recesses and under or behind equipment and fixtures, to form a complete covering without interruptions, except as otherwise shown. Terminate work neatly at obstructions, edges and corners without disrupting pattern or joint alignments.
D. Accurately form intersections and returns. Perform cutting and drilling of tile without marring visible surfaces. Carefully grind cut edges of tile abutting trim, finish or built-in items for straight aligned joints. Fit tile closely to electrical outlets, piping, fixtures and other penetrations so that plates, collars, or covers overlap tile.
E. Jointing Pattern: Unless otherwise shown, lay tile in grid pattern. Align joints when adjoining tiles on floor, base, walls and trim are same size. Layout tile work and center tile fields in both directions in each space or on each wall area. Adjust to minimize tile cutting. Provide uniform joint widths, unless otherwise shown.
F. Layout tile wainscots to next full tile beyond dimensions indicated.

3.3 WATERPROOFING MEMBRANE INSTALLATION

A. Do not install tile over waterproofing until waterproofing has cured and has been tested to determine that it is watertight.

3.4 FLOOR INSTALLATION METHODS

A. Ceramic Mosaic Tile: Install tile to comply with requirements indicated below for TCA installation methods related to types of subfloor construction, and grout types.
B. Wet areas with floor drains, such as showers: TCA B420 or TCA B421 or TCA B422 Floor Setting Method:
C. Coordinate TCA method with waterproofing membrane installation and floor drain type.
E. Interior floor installation on concrete in dry areas; thin-set mortar; TCA Method Fl13 and ANSI A 108.5.
F. Stone Thresholds: Install stone thresholds at locations indicated; set in same type of setting bed as abutting field tile unless otherwise indicated. Threshold shall be located to be directly under the door leaf in the dosed position.

3.5 WALL TILE INSTALLATION METHODS

A. Setting method location: over coated glass mat backer board. Bathtub Walls with shower heads: TCA method B419-03 at Coated Glass Mat Backer Board (Georgia-Pacific IDenShield"), thin-set with

latex portland mortar bond coat over coated glass-mat tile backer board.

B. Shower Walls: TCA method B420-03 and W245-03.
Setting method location: Where tile occurs on walls over gypsum board in dry areas, unless indicated otherwise.

C. TCA Method W243: Thin-set with latex Portland cement mortar bond coat over gypsum wallboard over wood or metal studs.

3.6 CLEANING AND PROTECTION

A. Cleaning: Upon completion of placement and grouting clean all ceramic tile surfaces so they are free of foreign matter.

B. Unglazed tile may be cleaned with acid solutions only when permitted by tile and grout manufacturer's printed instructions but no sooner than 14 days after installation. Protect metal surfaces cast iron and vitreous plumbing fixtures from effects of acid cleaning. Flush surface with clean water before and after cleaning.

C. Remove temporary wax coating from ceramic toilet using methods recommended by manufacturers of tile and grout.

D. Finished Tile Work: leave finished installation clean and free of cracked, chipped, broken un-bonded or otherwise defective tile work.

E. Protection: When recommended by tile manufacturer apply a protective coat of neutral protective cleaner to completed tile walls and floors. Protect installed tile work with kraft paper or other heavy covering during construction period to prevent staining damage and wear.

F. Prohibit foot and wheel traffic from using tiled floors for at least 7 days after grouting is completed.

G. Before final inspection remove protective coverings and rinse neutral cleaner from tile surfaces.

END OF SECTION

SECTION 095113 -ACOUSTICAL PANEL CEILINGS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

Drawings and general conditions of Contract, including General and Supplementary Conditions and Divisions-1 Specification sections apply to work of this section.

1.2 SUMMARY

A. Section Includes:
   1. Acoustical ceiling panels.
   2. Exposed grid suspension system.
   3. Wire hangers, fasteners, main runners, cross tees, and wall angle moldings.

B. Related Sections:
   1. Section 09250 - Gypsum Board

C. Alternates
   1. Prior Approval: Unless otherwise provided for in the Contract documents, proposed product substitutions may be submitted no later than TEN (10) working days prior to the date established for receipt of bids. Acceptability of a proposed substitution is contingent upon the Architect's review of the proposal for acceptability and approved products will be set forth by the Addenda. If included in a Bid are substitute products which have not been approved by Addenda, the specified products shall be provided without additional compensation.
   2. Submittals which do not provide adequate data for the product evaluation will not be considered. The proposed substitution must meet all requirements of this section, including but not necessarily limited to, the following: Single source materials suppliers (if specified in Section 1.5); Underwriters' Laboratories Classified Acoustical performance; Panel design, size, composition, color, and finish; Suspension system component profiles and sizes; Compliance with the referenced standards.

1.3 REFERENCES

A. American Society for Testing and Materials (ASTM):
   1. ASTM A 1008 Standard Specification for Steel, Sheet, Cold Rolled, Carbon, Structural, High-Strength Low-Alloy and High-Strength Low-Alloy with Improved Formability.
   2. ASTM A 641 Standard Specification for Zinc-Coated (Galvanized) Carbon Steel Wire.
   3. ASTM A 653 Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process.
   4. ASTM C 423 Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method.
   5. ASTM C 635 Standard Specification for Metal Suspension Systems for Acoustical Tile and Lay-in Panel Ceilings.

6. ASTM C 636 Recommended Practice for Installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-in Panels.
7. ASTM E 84 Standard Test Method for Surface Burning Characteristics of Building Materials.
8. ASTM E 1414 Standard Test Method for Airborne Sound Attenuation Between Rooms Sharing a Common Ceiling Plenum.
9. ASTM E 1111 Standard Test Method for Measuring the Interzone Attenuation of Ceilings Systems.
10. ASTM E 1264 Classification for Acoustical Ceiling Products.
11. ASTM E 1477 Standard Test Method for Luminous Reflectance Factor of Acoustical Materials by Use of Integrating-Sphere Reflectometers.
12. ASTM D 3273 Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber.
13. ASTM E 119 Standard Test Methods for Fire Tests of Building Construction and Material.

1.4 SUBMITTALS

A. Product Data: Submit manufacturer's technical data for each type of acoustical ceiling unit and suspension system required.
B. Samples: Minimum 6 inch x 6 inch samples of specified acoustical panel; 8 inch long samples of exposed wall molding and suspension system, including main runner and 4 foot cross tees.
C. Shop Drawings: Layout and details of acoustical ceilings. Show locations of items which are to be coordinated with, or supported by the ceilings.
D. Certifications: Manufacturer's certifications that products comply with specified requirements, including laboratory reports showing compliance with specified tests and standards. For acoustical performance, each carton of material must carry an approved independent laboratory classification of NRC, CAC, and AC.
E. If the material supplied by the acoustical subcontractor does not have an Underwriter's Laboratory classification of acoustical performance on every carton, subcontractor shall be required to send material from every production run appearing on the job to an independent or NVLAP approved laboratory for testing, at the architect's or owner's discretion. All products not conforming to manufacturer's current published values must be removed, disposed of and replaced with complying product at the expense of the Contractor performing the work.

1.5 QUALITY ASSURANCE

A. Single-Source Responsibility: Provide acoustical panel units and grid components by a single manufacturer.
B. Fire Performance Characteristics: Identify acoustical ceiling components with appropriate markings of applicable testing and inspecting organization.
    1. Surface Burning Characteristics: As follows, tested per ASTM E 84 and complying with ASTM E 1264 for Class A products.
        a. Flame Spread: 25 or less
        b. Smoke Developed: 50 or less
C. Coordination of Work: Coordinate acoustical ceiling work with installers of related work including, but not limited to building insulation, gypsum board, light fixtures, mechanical systems, electrical systems, and sprinklers.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Deliver acoustical ceiling units to project site in original, unopened packages and store them in a fully enclosed space where they will be protected against damage from moisture, direct sunlight, surface contamination, and other causes.
B. Before installing acoustical ceiling units, permit them to reach room temperature and a stabilized moisture content.
C. Handle acoustical ceiling units carefully to avoid chipping edges or damaged units in any way.

1.7 PROJECT CONDITIONS

A. Space Enclosure:

Standard Ceilings: Do not install interior ceilings until space is enclosed and weatherproof; wet work in place is completed and nominally dry; work above ceilings is complete; and ambient conditions of temperature and humidity are continuously maintained at values near those intended for final occupancy. Building areas to receive ceilings shall be free of construction dust and debris.
HumiGuard Plus Ceilings: Building areas to receive ceilings shall be free of construction dust and debris. Products with HumiGuard Plus performance and hot dipped galvanized steel, aluminum or stainless steel suspension systems can be installed up to 120°F (49°C) and in spaces before the building is enclosed, where HVAC systems are cycled or not operating. Cannot be used in exterior applications where standing water is present or where moisture will come in direct contact with the ceiling.
HumiGuard Max Ceilings: Building areas to receive ceilings shall be free of construction dust and debris. Ceilings with HumiGuard Max performance can be installed in conditions up to 120°F (49°C) and maximum humidity exposure including outdoor applications, and other standing water applications, so long as they are installed with either SS Prelude Plus, AL Prelude Plus, or Prelude Plus XL Fire Guard suspension systems. Products with HumiGuard Max performance can be installed in exterior applications, where standing water is present, or where moisture will come in direct contact with the ceiling. Only Ceramaguard with AL Prelude Plus suspension system can be installed over swimming pools.

1.8 WARRANTY

A. Acoustical Panel: Submit a written warranty executed by the manufacturer, agreeing to repair or replace acoustical panels that fail within the warranty period. Failures include, but are not limited to:
    1. Acoustical Panels: Sagging and warping
    2. Grid System: Rusting and manufacturer's defects
B. Warranty Period Standard:
    1. Acoustical panels: One (1) year from date of substantial completion.
    2. Cirrus Acoustical panels: Ten (10) year from date of substantial completion. Note Space Enclosure requirements
    3. Grid: Ten years from date of substantial completion.
C. Warranty Period HumiGuard:
    1. Acoustical panels: Ten (10) years from date of substantial completion.

2. Grid: Ten (10) years from date of substantial completion.
3. Acoustical panels and grid systems with HumiGuard Plus or HumiGuard Max performance supplied by one source manufacturer is fifteen (15) years from date of substantial completion.

D. The Warranty shall not deprive the Owner of other rights the Owner may have under other provisions of the Contract Documents and will be in addition to and run concurrent with other warranties made by the Contractor under the requirements of the Contract Documents.

1.9 MAINTENANCE

A. Extra Materials: Deliver extra materials to Owner. Furnish extra materials described below that match products installed. Packaged with protective covering for storage and identified with appropriate labels.
1. Acoustical Ceiling Units: Furnish quality of full-size units equal to 5.0 percent of amount installed.
2. Exposed Suspension System Components: Furnish quantity of each exposed suspension component equal to 2.0 percent of amount installed.

Part 2-PRODUCTS

2.1 MANUFACTURERS

A. Ceiling Panels:

1. Armstrong World Industries, Inc. Ultima Beveled Tegular

2.2.1 SUSPENSION SYSTEMS

A. Components: All main beams and cross tees shall be commercial quality hot-dipped galvanized (galvanized steel, aluminum, or stainless steel) as per ASTM A 653. Main beams and cross tees are double-web steel construction with type exposed flange design. Exposed surfaces chemically cleansed, capping pre-finished galvanized steel (aluminum or stainless steel) in baked polyester paint. Main beams and cross tees shall have rotary stitching (exception: extruded aluminum or stainless steel).
1. Structural Classification: ASTM C 635 Intermediate Duty.
2. Color: White and match the actual color of the selected ceiling tile, unless noted otherwise.
3. Acceptable Product: Prelude Concealed Tee as manufactured by Armstrong World Industries, Inc.

B. High Humidity Finish: Comply with ASTM C 635 requirements for Coating Classification for Severe Environment Performance where high humidity finishes are indicated.
1. SS Prelude Plus by Armstrong World Industries, Inc. - 100% Type 304 STAINLESS Steel.
2. AL Prelude Plus by Armstrong World Industries, Inc. - all ALUMINUM
3. Prelude Plus XL Fire Guard by Armstrong World Industries, Inc., G-60 Hot dipped galvanized /aluminum capping
4. Structural Classification: ASTM C 635 duty class.
5. Color: [Stainless for SS only][White aluminum] [Clear Anodized Aluminum]

C. Attachment Devices: Size for five times design load indicated in ASTM C 635, Table 1, Direct Hung unless otherwise indicated.
D. Wire for Hangers and Ties: ASTM A 641, Class 1 zinc coating, soft temper, pre-stretched, with a yield stress load of at least time three design load, but not less than 12 gauge.
E. Edge Moldings and Trim: Metal or extruded aluminum of types and profiles indicated or, if not indicated, manufacturer's standard moldings for edges and penetrations, including light fixtures, that fit type of edge detail and suspension system indicated. Provide moldings with exposed flange of the same width as exposed runner.
F. Accessories

PART 3 - EXECUTION

3.1 EXAMINATION

A. Do not proceed with installation until all wet work such as concrete, terrazzo, plastering and painting has been completed and thoroughly dried out, unless expressly permitted by manufacturer's printed recommendations. (Exception: HumiGuard Max Ceilings)

3.2 PREPARATION

A. Measure each ceiling area and establish layout of acoustical units to balance border widths at opposite edges of each ceiling. Avoid use of less than half width units at borders, and comply with reflected ceiling plans. Coordinate panel layout with mechanical and electrical fixtures.
B. Coordination: Furnish layouts for preset inserts, clips, and other ceiling anchors whose installation is specified in other sections.
    1. Furnish concrete inserts and similar devices to other trades for installation well in advance of time needed for coordination of other work.

3.3 INSTALLATION

A. Install suspension system and panels in accordance with the manufacturer's instructions, and in compliance with ASTM C 636 and with the authorities having jurisdiction.
B. Suspend main beam from overhead construction with hanger wires spaced 4-0 on center along the length of the main runner. Install hanger wires plumb and straight.
C. Install wall moldings at intersection of suspended ceiling and vertical surfaces. Miter corners where wall moldings intersect or install corner caps.
D. For reveal edge panels: Cut and reveal or rabbet edges of ceiling panels at border areas and vertical surfaces.
E. Install acoustical panels in coordination with suspended system, with edges resting on flanges of main runner and cross tees. Cut and fit panels neatly against abutting surfaces. Support edges by wall moldings.

3.4 ADJUSTING AND CLEANING

A. Replace damaged and broken panels.

B. Clean exposed surfaces of acoustical ceilings, including trim, edge moldings, and suspension members. Comply with manufacturer's instructions for cleaning and touch up of minor finish damage. Remove and replace work that cannot be successfully cleaned and repaired to permanently eliminate evidence of damage.

END OF SECTION

SECTION 09900 - PAINTING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 1 Specification sections, apply to this section.

1.2 SUMMARY

A. This Section includes surface preparation, painting, and finishing of exposed interior and exterior items and surfaces.

1. Surface preparation, priming, and finish coats specified in this section are in addition to shop priming and surface treatment specified under other sections.

B. Paint exposed surfaces whether or not colors are designated in "schedules," except where a surface or material is specifically indicated not to be painted or is to remain natural. Where an item or surface is not specifically mentioned, paint the same as similar adjacent materials or surfaces. If color or finish is not designated, the Architect will select from standard colors or finishes available.

C. Painting is not required on pre-finished items, finished metal surfaces, concealed surfaces, operating parts, and labels.

1. Pre-finished items not to be painted include the following factory-finished components:
   a. Acoustic materials.
   b. Finished mechanical and electrical equipment.
   c. Light fixtures.
   d. Electrical switch gear.
   e. Distribution cabinets.

2. Concealed surfaces not to be painted include wall or ceiling surfaces in the following generally inaccessible areas:

   Foundation spaces.
   a. Furred areas.
   b. Pipe spaces.
   c. Duct shafts.

3. Finished metal surfaces not to be pointed include:

a. Anodized aluminum.
b. Stainless steel.

4. Operating parts not to be pointed include moving parts of operating equipment such as the following:
   a. Valve and damper operators.
   b. Linkages.
   c. Sensing devices.
   d. Motor and fan shafts.

5. Labels: Do not paint over Underwriter's laboratories, Factory Mutual or other code-required labels or equipment name, identification, performance rating, or nomenclature plates.

D. Related Sections: The following sections contain requirements that relate to this section:

1. Division 5 Section "Structural Steel" for shop priming structural steel.
2. Division 5 Section "Metal Fabrications" for shop priming ferrous metal.
3. Electrical: Painting electrical work is specified in Division 16.

1.3 DEFINITIONS

A. "Paint" includes coating systems materials, primers, emulsions, enamels, stains, sealers and fillers, and other applied materials whether used as prime, intermediate, or finish coats.

1.4 SUBMITTALS

A. Product Data: Manufacturer's technical information, label analysis, and application instructions for each material proposed for use.
   1. List each material and cross-reference the specific coating and finish system and application. Identify each material by the manufacturer's catalog number and general classification.
   2. Submit coating manufacturers recommended film thickness for each substrate.

B. Samples for verification purposes: Provide samples of each color and material to be applied, with texture to simulate actual conditions, on representative samples of the actual substrate. Define each separate coat, including block fillers and primers. Use representative colors when preparing samples for review. Resubmit until required sheen; color; and texture are achieved.

   1. Provide a list of material and application for each coat of each sample. Label each sample as to location and application.
   2. Submit samples on the following substrates for the Architect's review of color and texture only:
      a. Painted Wood: Provide two 12-inch square samples of each color and material on representative sample of wood.
      b. Ferrous Metal: Provide two 4-inch-square samples of flat metal and two

8-inch-long samples of solid metal for each color and finish.

c. Gypsum Board: Provide two 4-inch-square samples of each color and material on hardboard.

1.5 QUALITY ASSURANCE

A. Single-Source Responsibility: Provide primers and undercoat paint produced by the same manufacturer as the finish coats.

B. Coordination of Work: Review other sections in which primers are provided to ensure compatibility of the total systems for various substrates. On request, furnish information on characteristics of finish materials to ensure use of compatible primers.

1. Notify the Architect of problems anticipated using the materials specified.

C. Field Samples: On wall surfaces and other exterior and interior components; duplicate finishes of prepared samples. Provide full-coat finish samples on at least 100 square feet of surface until required sheen, color and texture are obtained; simulate finished lighting conditions for review of in-place work.

1. Final acceptance of colors will be from job-applied samples.
2. The Architect will select one room or surface to represent surfaces and conditions for each type of coating and substrate to be painted. Apply coatings in this room or surface in accordance with the schedule or as specified. After finishes are accepted, this room or surface will be used for evaluation of coating systems of a similar nature
3. Final acceptance of colors will be from samples applied on the job. A minimum of two samples per color shall be included at no additional cost.

D. Material Quality: Provide the manufacturer's best quality trade sale point material of the various coating types specified. Paint material containers not displaying manufacturer's product identification will not be acceptable.

1. Proprietary names used to designate colors or materials are not intended to imply that products named are required or to exclude equal products of other manufacturers.
2. Federal Specifications establish a minimum quality level for point materials, except where other product identification is used. Provide written certification from the manufacturer that materials provided meet or exceed these criteria.
3. Products that comply with qualitative requirements of applicable Federal Specifications, yet differ in quantitative requirements, may be considered for use when acceptable to the Architect. Furnish material data and manufacturer's certificate of performance to Architect for proposed substitutions.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Deliver materials to the job site in the manufacturer's original, unopened packages and containers bearing manufacturer's name and label and the following information:

1. Product name or title of material.
2. Product description (generic classification or binder type).
3. Federal Specification number, if applicable.
4. Manufacturer's stock number and dote of manufacture.
5. Contents by volume, for pigment and vehicle constituents.
6. Thinning instructions.
7. Application instructions.
8. Color name and number.

B. Store materials not in use in tightly covered containers in a well-ventilated area at a minimum ambient temperature of 45 degrees F. Maintain containers used in storage in a clean condition, free of foreign materials and residue.

1. Protect from freezing. Keep storage area neat and orderly. Remove oily rags and waste daily. Take necessary measures to ensure that workers and work areas are protected from fire and health hazards resulting from handling, mixing, and application.

1.7 JOB CONDITIONS

A Apply water-based paints only when the temperature of surfaces to be painted and surrounding air temperatures are between 50 degrees Fond 90 degrees F.

B. Apply solvent-thinned points only when the temperature of surfaces to be pointed and surrounding air temperatures are between 45 degrees Fond 95 degrees F.

C. Do not apply paint in snow, rain, fog, or mist, when the relative humidity exceeds 85 percent, at temperatures less than 5 degrees F above the dew point, or too damp or wet surfaces.

1. Painting may continue during inclement weather if surfaces and areas to be painted are enclosed and heated within temperature limits specified by the manufacturer during application and drying periods.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

1. Benjamin Moore and Company (Moore).
2. Farrell-Calhoun Point, Inc.
3. Pittsburgh Paints (PPG).
4. Porter Points (Porter).
5. Pratt and Lambert (P & l).
6. The Sherwin-Williams Company (SW)

2.2 PAINT MATERIALS, GENERAL

B. Material Compatibility: Provide block fillers, primers, and finish-coat materials that are compatible with one another and with the substrates indicated under conditions of service and application, as demonstrated by manufacturer based on testing and field experience.

C. Material Quality: Provide manufacturer's best-quality point material of the various coating types specified that are factory formulated and recommended by manufacturer for application indicated. Point-material containers not displaying manufacturer's product identification will not be acceptable.

1. Proprietary Names: Use of manufacturer’s proprietary product names to designate colors or materials is not intended to imply that products named are required to be used to the exclusion of equivalent products of other manufacturers. Furnish manufacturers material data and certificates of performance for proposed substitutions.

D.Gypsum wallboard preparation for painting - Sheetrock brand "First Coat" by USG.

2.3 CONCRETE FLOORS

A. Water-based acrylic curing and sealing compound.

1. W.R. Meadows Vocomp-20 Acrylic Curing and Sealing Compound. Apply at rate of 300 square feet per gallon, in accordance with the manufacturer's recommendations.
2. Seal-Krete Commercial Floor Sealer HS acrylic emulsion polymer. Apply 2 coats to acid-etched / neutralized concrete surface as recommended by the manufacturer.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates and conditions under which painting will be performed for compliance with requirements for application of point. Do not begin point application until unsatisfactory conditions have been corrected.

1. Start of pointing will be construed as the Applicators acceptance of surfaces and conditions within a particular area.

3.2 PREPARATION

A. General Procedures: Remove hardware and hardware accessories, plates, machined surfaces, lighting fixtures, and similar items in place that are not to be pointed, or provide surface-applied protection prior to surface preparation and

painting. Remove these items if necessary for complete pointing of the items and adjacent surfaces. Following completion of pointing operations in each space or area, have items reinstalled by workers skilled in the trades involved.

1. Clean surfaces before applying point or surface treatments. Remove oil and grease prior to cleaning. Schedule cleaning and pointing so that dust and other contaminants from the cleaning process will not fall on wet, newly pointed surfaces.

B. Surface Preparation: Clean and prepare surfaces to be painted in accordance with the manufacturer's instructions for each particular substrate condition and as specified.

1. Provide barrier coats over incompatible primers or remove and re-prime. Notify Architect in writing of problems anticipated with using the specified finish-coat material with substrates primed by others.
2. Gypsum drywall surfaces to be painted: treat with surface treatment to equalize porosity and surface texture of joint treatment and paper face of wallboard, and to minimize "telegraphing" or "banding" at the joints in the wallboard.
3. Cementitious Materials: Prepare concrete, concrete masonry block, and mineral fiber-reinforced cement panel surfaces to be painted. Remove efflorescence, chalk, dust, dirt, grease, oils, and release agents. Roughen as required to remove glaze. If hardeners or sealers have been used to improve curing, use mechanical methods of surface preparation.
   a. Use abrasive blast-cleaning methods as recommended by the paint manufacturer.
   b. Determine alkalinity and moisture content of surfaces by performing appropriate tests. If surfaces are sufficiently alkaline to cause blistering and burning of finish paint, correct this condition before application. Do not paint surfaces where moisture content exceeds that permitted in manufacturer's printed directions.

4. Wood: Clean surfaces of dirt, oil, and other foreign substances with scrapers, mineral spirits, and sandpaper, as required. Sand surfaces exposed to view smooth and dust off.
   a. Scrape and clean small, dry, seasoned knots and apply a thin coat of white shellac or other recommended knot sealer before application of primer. After priming, fill holes and imperfections in finish surfaces with putty or plastic wood filler. Sand smooth when dried.
   b. Prime, stain, or seal wood to be painted. Allow all wood to products to acclimate to the environmental conditions where they will finally be installed prior to finishing. Prime edges, ends, faces, undersides, and backsides of wood, including cabinets, counters, cases, and paneling.
   c. Seal tops, bottoms, and cutouts of unprimed wood doors with a heavy coat of varnish or sealer immediately upon delivery.

5. Ferrous Metals: Clean non-galvanized ferrous-metal surfaces that have not been shop coated; remove oil, grease, dirt, loose mill scale, and other foreign substances. Use solvent or mechanical cleaning methods that comply with recommendations of the Steel Structures Painting Council. .
   a. Blast steel surfaces clean as recommended by the paint system

manufacturer and in accordance with requirements of SSPC specification SSPC-SP 10.

b. Treat bore and sandblasted or pickled clean metal with a metal treatment wash coat before priming.

c. Touch up bare areas and shop-applied prime coats that have been damaged. Wire-brush, clean with solvents recommended by the point manufacturer, and touch up with the some primer as the shop coat.

6. Galvanized Surfaces: Clean galvanized surfaces with non- petroleum-based solvents so that the surface is free of oil and surface contaminants. Remove pretreatment from galvanized sheet metal fabricated from coil stock by mechanical methods. Pre-treat non-galvagrip metal with galvagrip acid and rinse process.

C. Materials Preparation: Carefully mix and prepare paint materials in accordance with manufacturer's directions.

1. Maintain containers used in mixing and application of paint in a clean condition, free of foreign materials and residue.
2. Stir material before application to produce a mixture of uniform density; stir as required during application. Do not stir surface film into material. Remove film and, if necessary, strain material before using.
3. Use only thinners approved by the paint manufacturer, and only within recommended limits.

D. Tinting: Tint each undercoat a lighter shade to facilitate identification of each coat where multiple coats of the same material are applied. Tint undercoats to match the color of the finish coat, but provide sufficient differences in shade of undercoats to distinguish each separate coat.

3.3 APPLICATION

A. Apply paint in accordance with manufacturer's directions. Use applicators and techniques best suited for substrate and type of material being applied.

B. Paint finish on interior wood doors shall be spray-applied. Brushing or rolling paint on wood doors is not acceptable.

C. Do not paint over dirt, rust, scale, grease, moisture, scuffed surfaces, or conditions detrimental to formation of a durable point film.

1. Paint, surface treatments, and finishes are indicated in "schedules." (Color schedule provided by Architect.)
2. Provide finish coats that are compatible with primers used.
3. The number of coats and film thickness required is the same regardless of the application method. Do not apply succeeding coats until the previous coat has cured as recommended by the manufacturer. Sand between applications where sanding is required to produce an even smooth surface in accordance with the manufacturer's directions.
4. Apply additional coats when undercoats, stains, or other conditions show

through final coat of paint until paint film is of uniform finish, color, and appearance. Give special attention to ensure that surfaces, including edges, corners, crevices, welds, and exposed fasteners, receive a dry film thickness equivalent to that of flat surfaces.

5. The term "exposed surfaces" includes areas visible when permanent or built-in fixtures and similar components are in place. Extend coatings in these areas as required to maintain the system integrity and provide desired protection.
6. Paint surfaces behind movable equipment and furniture same as similar exposed surfaces. Paint surfaces behind permanently fixed equipment or furniture with prime coat only before final installation of equipment.
7. Paint interior surfaces of ducts, where visible through registers or grilles, with a flat, non-specular black paint.
8. Paint back sides of access panels and removable or hinged covers to match exposed surfaces.
9. Finish interior of wall and base cabinets and similar field- finished casework to match exterior.
10. Finish exterior doors on tops, bottoms, and side edges same as exterior faces.
11. Sand lightly between each succeeding enamel or varnish coat.
12. Primer may be omitted on shop-primed metal surfaces that are not exposed to the weather and touch-up paint. Field prime over shop primer steel that is exposed to the exterior / weather.

D. Scheduling Painting: Apply first coat to surfaces that have been cleaned, pretreated, or otherwise prepared for painting as soon as practicable after preparation and before subsequent surface deterioration.

1. Allow sufficient time between successive coats to permit proper drying. Do not re-coat until paint has dried to where it feels firm, and does not deform or feel sticky under moderate thumb pressure and where application of another coat of paint does not cause lifting or loss of adhesion of the undercoat.

E. Minimum Coating Thickness: Apply materials at not less than the manufacturer's recommended spreading rate. Provide a total dry film thickness of the entire system as recommended by the manufacturer.

F. Block Fillers: Apply block fillers to concrete masonry block at a rate to ensure complete coverage with pores filled. Inspect behind work and touch up as required to insure that all voids are filled. Apply a second coat if necessary to fill all CMU block pores and pin-holes in filler.

G. Prime Coats: Before application of finish coats, apply a prime coat of material as recommended by the manufacturer to material that is required to be painted or finished and has not been prime coated by others. Recoat primed and sealed surfaces where evidence of suction spots or unsealed areas in first coat appears, to assure a finish coat with no burn through or other defects due to insufficient sealing.

H. Pigmented (Opaque) Finishes:. Completely cover to provide an opaque, smooth surface of uniform finish, color, appearance, and coverage. Cloudiness, spotting, holidays, laps, brush marks, runs, sags, ropiness, or other surface imperfections will not be acceptable.

I. Completed Work: Match approved samples for color, texture, and coverage. Remove, refinish, or repaint work not in compliance with specified requirements.

3.5 FIELD QUALITY CONTROL

A. The Owner reserves the right to invoke test procedure at any time and as often as the Owner deems necessary during the period when paint is being applied.

1. The Owner will engage the services of on independent testing laboratory to sample the paint material being used. Samples of material delivered to the project will be taken, identified, sealed, and certified in the presence of the Contractor.

3.6 CLEANING

A. Cleanup: At the end of each work day, remove empty cons, rags, rubbish, and other discarded paint materials from the site

B. The number of coats and film thickness required is the same regardless of the application method. Do not apply succeeding coats until the previous coat has cured as recommended by the manufacturer. Sand between' applications where sanding is required to produce an even smooth surface in accordance with the manufacturer's directions.

1. Apply additional coats when undercoats, stains, or other conditions show through final coat of paint until paint film is of uniform finish, color, and appearance. Give special attention to ensure that surfaces, including edges, corners, crevices, welds, and exposed fasteners, receive a dry film thickness equivalent to that of flat surfaces.
2. The term "exposed surfaces" includes areas visible when permanent or built-in fixtures and similar components are in place. Extend coatings in these areas as required to maintain the system integrity and provide desired protection.
3. Paint surfaces behind movable equipment and furniture same as similar exposed surfaces. Paint surfaces behind permanently fixed equipment or furniture with prime coat only before final installation of equipment.
4. Paint interior surfaces of ducts, where visible through registers or grilles, with a flat, non-specular black paint.
5. Paint bock sides of access panels and removable or hinged covers to match exposed surfaces.

C. Finish interior of wall and base cabinets and similar field- finished casework to match exterior.

1. Finish exterior doors on tops, bottoms, and side edges same as exterior faces.
2. Sand lightly between each succeeding enamel or varnish coat.
3. Primer may be omitted on shop-primed metal surfaces that are not exposed to the weather and touch-up paint! primer. Field prime over shop primer steel that is exposed to the exterior / weather.

D. Scheduling Painting: Apply first coat to surfaces that have been cleaned, pretreated, or otherwise prepared for pointing as soon as practicable after preparation and before subsequent surface deterioration.

1. Allow sufficient time between successive coats to permit proper drying. Do not re-coat until paint has dried to where it feels firm, and does not deform or feel sticky under moderate thumb pressure and where application of

another coat of point does not cause lifting or loss of adhesion of the undercoat.

E. Minimum Coating Thickness: Apply materials at not less than the manufacturer's recommended spreading rate. Provide a total dry film thickness of the entire system as recommended by the manufacturer.

G. Prime Coats: Before application of finish coats, apply a prime coat of material as recommended by the manufacturer to material that is required to be painted or finished and has not been prime coated by others. Recoat primed and sealed surfaces where evidence of suction spots or unsealed areas in first coat appears, to assure a finish coat with no burn through or other defects due to insufficient sealing.

H. Pigmented (Opaque) Finishes:. Completely cover to provide an opaque, smooth surface of uniform finish, color, appearance, and coverage. Cloudiness, spotting, holidays, laps, brush marks, runs, sags, ropiness, or other surface imperfections will not be acceptable.

I. Completed Work: Match approved samples for color, texture, and coverage. Remove, refinish, or repaint work not in compliance with specified requirements.

3.7 PROTECTION

A. Protect work of other trades, whether to be painted or not, against damage by painting. Correct damage by cleaning, repairing or replacing, and repainting, as acceptable to Architect.

B. Provide "Wet Paint" signs to protect newly painted finishes. Remove temporary protective wrappings provided by others for protection of their work after completion of painting operations.

At completion of construction activities of other trades, touch up and restore damaged or defaced painted surfaces

3.8 EXTERIOR PAINT SCHEDULE

A General: Provide the following point systems for the various substrates indicated. Exterior ferrous metals to be field-primed, if steel is shop-primed or unprimed. Prepare unprimed steel in strict accordance with primer manufacturer's recommendations.

B. Ferrous Metal (Type 1):

1. Gloss Acrylic: Two 2-part finish coats over epoxy primer. Three-coat total dry film thickness not less than 11.0 mils.
   a. Primer: SW Macropoxy 646 Fast Cure Epoxy. Minimum dry film thickness - 5.0 mils.
   b. First Coat: SW Acrolon 218 HS Acrylic Polyurethane B65-600 / B65V600. Minimum dry film thickness - 3.0 mils.
   c. Second Coat: SW Acrolon 218 HS Acrylic Polyurethane B65-600 /

B65V600. Minimum dry film thickness - 3.0 mils.

C. Galvanized Metal (Type 2):

1. Flat Acrylic: Two finish coats over primer. Total film thickness not less than 5.1 mils.
   a. Primer: Porter #290 Galvanized Metal Primer. Apply over primed or unprimed galvanized steel.
   b. First Coat: Porter #719 Super Acrylic House Point - flat.
   c. Second Coat: Porter #719 Super Acrylic House Point - flat.

D. Painted Wood Trim (Type 3):

1. Satin Acrylic: Two acrylic coats over latex primer. Total film thickness not less than 5.2 mils.
   a. Primer: Sherwin Williams A-100 Exterior Wood Primer, Alkyd (Y24W20). Dry film thickness not less than 2.3 mils.
   b. First Coat: Sherwin Williams "SuperPaint" A89 Series. Dry film thickness not less than 1.4 mils.
   c. Second Coat: Sherwin Williams "SuperPaint" A89 Series. Dry film thickness not less than 1.4 mils.

F. PVC Piping:

1. Acrylic semi-gloss finish: 1 coat over primer
   a. Primer: Porter #184 "Sta-Kil", not less than 1.5 mils dry film thickness.
   b. Primer: Pittsburgh Paints #17 -21 "Seal Grip", thickness as recommended by manufacturer.
   c. Finish: Porter #649 "Acri-Shield semi-gloss, not less than 1.5 mils dry film thickness.

G. Cast Iron Piping:

1. Acrylic semi-gloss finish: 1 coat over primer
   a. Primer: Porter #272 "Porter Guard" Alkyd Metal Primer, not less than 2.0 mils dry film thickness.
   b. Finish: Porter #649 "Acri-Shield semi-gloss, not less than 1.5 mils dry film thickness.

3.9 INTERIOR PAINT SCHEDULE

A. Ferrous Metal (Type 6):

1. Alkyd satin finish: 2 coats, minimum 3.4 mils over primer.
   a. Porter #296 Gyptex Rust Inhibitive Metal Primer. Apply 2.0 mils DFT over shop primer.
   b. First Coat: Porter #439 Porter Gyptex Eggshell Interior Alkyd Enamel.
   c. Second Coat: Porter #439 Porter Gyptex Eggshell Interior Alkyd Enamel

B. Gypsum Drywall Systems Eggshell Latex: Walls, furr downs, and soffits.

1. Porter:
   a. Primer: #426 Drywall Sealer with Pumice.

b .. Two Finish Coats: #999 "Silken Touch" Eggshell. Dry film thickness: 1 mils - each coat.

2. Farrell-Calhoun:
   a. Primer: #380 "Perfik-Seal" Latex Wall Primer. Dry film thickness 2.0 mils.
   b. Two Finish Coats: #370 Line. Dry film thickness 1.9 mils per coat.

C. Restrooms: Gypsum Drywall Epoxy Wall Paint: Semi-gloss Catalyzed Epoxy. Primer and two finish coats. Dry film thickness not less than 5.4 mils.
   a. Primer: Porter "Blankit" #1129 Acrylic Primer, with a dry film thickness of 1.4 mils.
   b. Finish Coats: Porter #9321 "Dura-Gloze WB" two-component epoxy.

D. Painted Wood Trim /Alkyd semi-gloss.

1. Porter:
   a. Primer: JlPro-Master 2000" Fast Dry Enamel Undercoat, #6064.
   b. Two Finish Coats: "Glyptex" #439 Eggshell Interior Alkyd Enamel. Dry film thickness not less than 1.7 mils - each coat.

2. Farrell-Calhoun:
   a. Primer: #599 Enamel Undercoat. Dry film thickness 2.0 mils.
   b. Two Finish Coats: #500 line Semi-Gloss Alkyd Enamel. Dry film thickness 2.0 mils - each coat.

E. Gypsum Drywall /latex flat: Gypsum Board Ceilings.

1. Porter:
   a. Primer: #426 Drywall Sealer.
   b. Two Finish Coats: #778 Flat latex Ceiling Point. Dry film thickness 1.0 mils - each coat.

2. Farrell-Calhoun:
   a. Primer: #380 "Perfik-Seal"
   b. Two Finish Coats: #400 line Interior Flat latex Wall Point. Dry film thickness 1.6 mils - each coat.

END OF SECTION

SECTION 099300 - STAINING AND TRANSPARENT FINISHING

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes surface preparation and the application of wood finishes on the following substrates:

1. Exterior Substrates:

a. Exposed glue-laminated beams and columns.
b. Exposed dimension lumber (rough carpentry).
c. Dressed lumber (finish carpentry).

2. Interior Substrates:

a. Exposed glue-laminated beams and columns.
b. Exposed dimension lumber (rough carpentry).
c. Dressed lumber (finish carpentry).

1.2 SUBMITTALS

A. Product Data: For each type of product indicated.

B. Samples: For each finish and for each color and texture required.

C. Product List: Printout of MPI's current "MPI Approved Products List" for each product category specified in Part 2, with the product proposed for use highlighted.

1.3 QUALITY ASSURANCE

A. MPI Standards:

1. Products: Complying with MPI standards indicated and listed in its "MPI Approved Products List."
2. Preparation and Workmanship: Comply with requirements in "MPI Architectural Painting Specification Manual" for products and finish systems indicated.

B. Mockups: Apply benchmark samples of each finish system indicated and each color selected to verify preliminary selections made under sample submittals and to demonstrate aesthetic effects and set quality standards for materials and execution.

1. Architect will select one surface to represent surfaces and conditions for application of each type of finish system and substrate.

a. Vertical and Horizontal Surfaces: Provide samples of at least 1 sq. ft.
b. Other Items: Architect will designate items or areas required.

2. Final approval of stain color selections will be based on benchmark samples.

a. If preliminary stain color selections are not approved, apply additional benchmark samples of additional stain colors selected by Architect at no added cost to Owner.

1.4 EXTRA MATERIALS

A. Furnish extra materials described below that are from same production run (batch mix) as materials applied and that are packaged for storage and identified with labels describing contents.

1. Quantity: Furnish an additional 5 percent, but not less than 1 gal. (3.8 L) of each material and color applied.

PART 2 - PRODUCTS

2.1 MATERIALS, GENERAL

A. Material Compatibility:

1. Provide materials for use within each finish system that are compatible with one another and substrates indicated, under conditions of service and application as demonstrated by manufacturer, based on testing and field experience.
2. For each coat in a finish system, provide products recommended in writing by manufacturers of topcoat for use in finish system and on substrate indicated.

B. VOC Content of Field-Applied Interior Primers, Stains, and Transparent Finishes: Provide products that comply with the following limits for VOC content, exclusive of colorants added to a tint base, when calculated according to 40 CFR 59, Subpart D (EPA Method 24); these requirements do not apply to primers, stains, and transparent finishes that are applied in a fabrication or finishing shop:
1. Primers, Sealers, and Undercoaters: VOC content of not more than 200 g/L.
2. Clear Wood Finishes, Varnishes: VOC not more than 350 g/L.
3. Stains: VOC not more than 250 g/L.

C. Stain Colors: As selected by Architect from manufacturer's full range.

2.2 PRIMERS AND SEALERS

A. Wood Preservative: MPI #37.

1. VOC Content: E Range of E1.

2.3 STAINS

A. Exterior Semitransparent Stain (Solvent Based): MPI #13.

1. VOC Content: E Range of E1.

B. Interior Wood Stain (Semitransparent): MPI #90.

1. VOC Content: E Range of E1.

2.4 POLYURETHANE FINISHES

A. Two-Component Aliphatic Polyurethane (Clear): MPI #78.

1. VOC Content: E Range of E1.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates and conditions, with Applicator present, for compliance with requirements for maximum moisture content and other conditions affecting performance of work.

1. Maximum Moisture Content of Wood Substrates: 15 percent when measured with an electronic moisture meter.
2. Verify compatibility with and suitability of substrates, including compatibility with existing finishes.
3. Begin finish application only after unsatisfactory conditions have been corrected and surfaces are dry.
4. Beginning application of finish system constitutes Contractor's acceptance of substrate and conditions.

3.2 PREPARATION AND APPLICATION

A. Comply with manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual" applicable to substrates indicated.

B. Apply wood filler paste to open-grain woods, as defined in "MPI Architectural Painting Specification Manual," to produce smooth, glasslike finish.

C. Protect work of other trades against damage from finish application. Correct damage by cleaning, repairing, replacing, and refinishing, as approved by Architect, and leave in an undamaged condition.

D. At completion of construction activities of other trades, touch up and restore damaged or defaced finished wood surfaces.

3.3 EXTERIOR WOOD-FINISH-SYSTEM SCHEDULE

A. Exposed Glue-Laminated Beam and Column Substrates:

1. Clear, Two-Component Polyurethane Over Stain System: MPI EXT 6.1E.

a. Stain Coat: Exterior semitransparent stain (solvent based).
b. Two Finish Coats: Two-component aliphatic polyurethane (clear).

B. Exposed Rough Carpentry Substrates:

1. Semitransparent Stain System: MPI EXT 6.2L.

a. Two Stain Coats: Exterior semitransparent stain (solvent based).

2. Clear, Two-Component Polyurethane System: MPI EXT 6.2H.

a. Three Finish Coats: Two-component aliphatic polyurethane (clear).

3.4 INTERIOR WOOD-FINISH-SYSTEM SCHEDULE

A. Exposed Glue-Laminated Beam and Column Substrates:

1. Polyurethane Varnish Over Stain System: MPI INT 6.1J.

a. Stain Coat: Interior wood stain (semitransparent).
b. Two Finish Coats: Interior, oil-modified, clear urethane (satin).

B. Exposed Rough Carpentry Substrates:

1. Polyurethane Varnish Over Stain System: MPI INT 6.2J.

a. Stain Coat: Interior wood stain (semitransparent).
b. Two Finish Coats: Interior, oil-modified, clear urethane (satin).

C. Finish Carpentry Substrates:

1. Polyurethane Varnish Over Stain System: MPI INT 6.3E.

a. Stain Coat: Interior wood stain (semitransparent).
b. Two Finish Coats: Interior, oil-modified, clear urethane (satin).

END OF SECTION 099300

SECTION 101400 - SIGNAGE

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes the following:

1. Plaques.
2. Dimensional characters.

1.2 DEFINITIONS

A. ADA-ABA Accessibility Guidelines: U.S. Architectural & Transportation Barriers Compliance Board's "Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities; Architectural Barriers Act (ABA) Accessibility Guidelines."

1.3 SUBMITTALS

A. Product Data: For each type of product indicated.

B. Shop Drawings: Show fabrication and installation details for signs.

1. Show sign mounting heights, locations of supplementary supports to be provided by others, and accessories.
2. Provide message list, typestyles, graphic elements, including tactile characters and Braille, and layout for each sign.

C. Samples: For each sign type and for each color and texture required.

1.4 QUALITY ASSURANCE

A. Regulatory Requirements: Comply with applicable provisions in ADA-ABA Accessibility Guidelines and ICC/ANSI A117.1.

PART 2 - PRODUCTS

2.1 MATERIALS

A. Acrylic Sheet: ASTM D 4802, Category A-1 (cell-cast sheet), Type UVA (UV absorbing).

B. Applied Vinyl: Die-cut characters from vinyl film of nominal thickness of 3 mils (0.076 mm) with pressure-sensitive adhesive backing, suitable for exterior applications.

2.2 PLAQUES

A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

B. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

C. Basis-of-Design Product: Subject to compliance with requirements, provide the product indicated on Drawings or a comparable product by one of the following:

1. Advance Corporation; Braille-Tac Division.
2. A. R. K. Ramos.
3. Gemini Incorporated.
4. Matthews International Corporation; Bronze Division.
5. Metal Arts; Div. of L&H Mfg. Co.
6. Mills Manufacturing Company.
7. Nelson-Harkins Industries.
8. Southwell Company (The).

2.3 DIMENSIONAL CHARACTERS

A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

B. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

C. Basis-of-Design Product: Subject to compliance with requirements, provide the product indicated on Drawings or a comparable product by one of the following:

1. ACE Sign Systems, Inc.
2. Advance Corporation; Braille-Tac Division.
3. Bunting Graphics, Inc.
4. Charleston Industries, Inc.
5. Gemini Incorporated.
6. Grimco, Inc.
7. Innerface Sign Systems, Inc.
8. Mills Manufacturing Company.
9. Mohawk Sign Systems.
10. Nelson-Harkins Industries.
11. Signature Signs, Incorporated.
12. Southwell Company (The).

D. Cutout Characters: Provide characters with square-cut, smooth edges. Comply with the following requirements:

1. Acrylic: 0.25 inch (6.35 mm) thick.

   a. Color: As selected by Architect from manufacturer's full range.
2. Vinyl: Pressure sensitive, 3.5 mils (0.09 mm) thick.

   a. Color: As selected by Architect from manufacturer's full range.
3. Mounting: Projected with concealed noncorroding studs for substrates encountered.

2.4 ACCESSORIES

A. Anchors and Inserts: Provide nonferrous-metal or hot-dip galvanized anchors and inserts for exterior installations and elsewhere as required for corrosion resistance. Use toothed steel or lead expansion-bolt devices for drilled-in-place anchors. Furnish inserts, as required, to be set into concrete or masonry work.

2.5 FABRICATION

A. General: Provide manufacturer's standard signs of configurations indicated.

1. Welded Connections: Comply with AWS standards for recommended practices in shop welding. Provide welds behind finished surfaces without distortion or discoloration of exposed side. Clean exposed welded surfaces of welding flux and dress exposed and contact surfaces.
2. Mill joints to tight, hairline fit. Form joints exposed to weather to exclude water penetration.
3. Conceal fasteners if possible; otherwise, locate fasteners where they will be inconspicuous.

2.6 ACRYLIC SHEET FINISHES

A. Colored Coatings for Acrylic Sheet: For copy and background and frame colors, provide colored coatings, including inks, dyes, and paints, that are recommended by acrylic manufacturers for optimum adherence to acrylic surface and that are UV and water resistant for five years for application intended.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Locate signs and accessories where indicated, using mounting methods of types described and complying with manufacturer's written instructions.

1. Install signs level, plumb, and at heights indicated, with sign surfaces free of distortion and other defects in appearance.
2. Interior Wall Signs: Install signs on walls adjacent to latch side of door where applicable. Where not indicated or possible, such as double doors, install signs on nearest adjacent walls. Locate to allow approach within 3 inches (75 mm) of sign without encountering protruding objects or standing within swing of door.

B. Wall-Mounted Signs: Comply with sign manufacturer's written instructions except where more stringent requirements apply.
1. Shim Plate Mounting: Provide 1/8-inch- (3-mm-) thick, concealed aluminum shim plates with predrilled and countersunk holes, at locations indicated, and where other mounting methods are not practicable. Attach plate with fasteners and anchors suitable for secure attachment to substrate. Attach panel signs to plate using method specified above.
2. Mechanical Fasteners: Use non-removable mechanical fasteners placed through predrilled holes. Attach signs with fasteners and anchors suitable for secure attachment to substrate as recommended in writing by sign manufacturer.
3. Signs Mounted on Glass: Provide matching opaque plate on opposite side of glass to conceal mounting materials.

C. Bracket-Mounted Signs: Provide manufacturer's standard brackets, fittings, and hardware for mounting signs that project at right angles from walls and ceilings. Attach brackets and fittings securely to walls and ceilings with concealed fasteners and anchoring devices to comply with manufacturer's written instructions.

D. Dimensional Characters: Mount characters using standard fastening methods to comply with manufacturer's written instructions for character form, type of mounting, wall construction, and condition of exposure indicated. Provide heavy paper template to establish character spacing and to locate holes for fasteners.

1. Flush Mounting: Mount characters with backs in contact with wall surface.
2. Projected Mounting: Mount characters at projection distance from wall surface indicated.

END OF SECTION 101400

SECTION 10522 FIRE EXTINGUISHER CABINETS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division- 1 Specification sections, apply to work of this section.

1.2 DESCRIPTION OF WORK

A. Extent of fire extinguishers, cabinets and accessories is indicated on drawings and as required by local code.

B. Type of products in this section include:

1 . Fire extinguishers.

2. Fire extinguisher cabinets.

1.3 QUALITY ASSURANCE

A. Single Source Responsibility: Obtain products in this section from one manufacturer.

UL-Listed Products: Provide new portable fire extinguishers which are UL-listed and bear UL "Listing Mark" for type, rating, and classification of extinguisher indicated.

B. Fire-Rated Fire-Protection Cabinets: Listed and labeled to comply with requirements of ASTM E 814 for fire-resistance rating of walls where they are installed.

1.4 SUBMITTALS

A. Product Data: Submit product data for each type of product included in this section.

For fire extinguisher cabinets include roughing-in dimensions and details showing mounting methods, relationships of box and trim to surrounding construction, door hardware, cabinet type and materials, trim style and door construction, and panel style and materials.

PART 2 - PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

A. FIRE EXTINGUISHER CABINETS

1. Basis-of-Design Product: The design for each product is based on the product named. Subject to compliance with requirements, provide either the named product or a comparable product by one of the other manufacturers specified.

a. Larsen's Manufacturing Co.

i. Extinguisher Type F1 – SS-O-2409 Solid Door, Black Die Cut Vertical Lettering

ii. Extinguisher Type F2 – SS-R-2409-SM

2.2 FIRE EXTINGUISHERS

A. General: Provide fire extinguishers for each extinguisher cabinet and other locations indicated, in specified finishes. Comply with requirements of

governing authorities. Fill and service extinguishers to comply with requirements of governing authorities and manufacturer.

B. Extinguisher Type F1 - Multi-purpose Dry Chemical Type, UL-rated 4A-60B:C, 10 pound nominal capacity, for Class A, Class B, and Class C fires - Larson's MP10.

C. Extinguisher Type F2 - Multi-Purpose Dry Chemical Type, UL-rated 2A-10B:C, 5 pound nominal capacity, for Class A, Class B and Class C fires - Larson's MP5.

2.3 FIRE EXTINGUISHER CABINETS

A. General: Provide fire extinguisher cabinets where indicated, of suitable size for housing fire extinguishers of types and capacities indicated.

B. Comply with NAAMM "Metal Finishes Manual" for finish designations and application recommendations except as otherwise indicated. Apply finishes in factory after products are assembled. Protect cabinets with plastic or paper covering, prior to shipment.

C. Construction: Manufacturer's standard enameled steel box, with trim, frame, door and hardware to suit cabinet type, trim style, and door style indicated. Weld all joints and grind smooth. Miter and weld perimeter door frames.

PART 3: EXECUTION

3.01 INSPECTION

A. Verify that rough openings for cabinets are correctly sized and located.

3.02 INSTALLATION

A. Install the items of this Section in strict accordance with the original design, approved shop drawings, and requirements of agencies having jurisdiction, as approved by the Architect, anchoring all components firmly into position.

END OF SECTION

SECTION 10800 TOILET AND BATH ACCESSORIES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS:

A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division- 1 Specification sections, apply to work of this section.

1.2 DESCRIPTION OF WORK:

A. This Section includes the following:

1. Public-use washroom accessories.
2. Under-lavatory pipe insulation guards.
3. Custodial accessories.

B. Unframed Mirrors: Specified in Section 08800.

1 .3 QUALITY ASSURANCES:

A. Inserts and Anchorage: Furnish inserts and anchoring devices which must be set in concrete or built into wood frame construction; coordinate delivery with other work to avoid delay.

B. Accessory Locations: Coordinate accessory locations with other work to avoid interference and to assure proper operation and servicing of accessory units.

C. Products: Provide products of same manufacturer for each type of accessory unit and for units exposed in same areas, unless otherwise acceptable to Architect-

1.4 SUBMITTALS:

A. Product Data: Submit manufacturer's technical date and installation instructions for each toilet accessory.

B. Setting Drawings: Provide setting drawings, templates, instructions, and directions for installation of anchorage devices and cut-out requirements in other work.

PART 2- PRODUCTS

2.1 ACCEPTABLE MANUFACTUERS:

A. The brand name and model indicated are the basis of design.

Other brands may be incorporated, provided they are equal to the products indicated and acceptable to the architect.

2.2 MATERIALS, GENERAL:

A. Stainless Steel: AISI Type 302/304/ with polished No.4 finish, 22 gauge (.034 inch) minimum, unless otherwise indicated.

B. Sheet Steel: Cold rolled, commercial quality ASTM A 366, 20-gauge (.040 inch) minimum, unless otherwise indicated. Surface preparation and metal pretreatment as required for applied finish.

C. Galvanized Steel Sheet: ASTM A 527, G60.

D. Chromium Plating: Nickel and chromium electro-deposited on base metal, ASTM B 456/ Type SC 2.

E. Galvanized Steel Mounting Devices: ASTM A 153, hot-dip galvanized after fabrication.

F. Fasteners: Screws, bolts, and other devices of same material as accessory unit or of galvanized steel where concealed.

2.3 FABRICATION

A. General: Only an unobtrusive stamped logo of manufacturer, as approved by Architect, is permitted on exposed face of toilet or bath accessory units. On either interior surface not exposed to view or back surface, provide additional identification by means of either a printed, waterproof label or a stamped nameplate, indicating manufacturer's name and product model number.

B. Surface-Mounted Toilet Accessories, General: Except where otherwise indicated, fabricate units with tight seams and joints, exposed edges rolled. Hang doors or access panels with continuous stainless steel piano hinge. Provide concealed anchorage wherever possible.

2.4 LAVATORY PIPE INSULATION

A. Insulation for supply lines, P-traps, and drain lines under accessible lavatories in the Toilet Rooms shall be equal to “Lav Guard” under-sink protective pipe covers as manufactured by Trubro, inc. color: white

B. Under-sink pipe insulation at accessible lavatories shall by UL classified, and meet the requirements of the ADAAG 4.19.4, and Florida Accessibility Requirements.

PART 3 - EXECUTION

3.1 INSTALLATION:

A. Install toilet accessory units in accordance with manufacturers' instructions, using fasteners that are appropriate to substrate and recommended by manufacturer of unit. Install units plumb and level, firmly anchored in locations indicated.

3.2 UNDER-SINK PIPE INSULATION

A. Coordinate under-sink pipe covers and accessories with plumbing provisions. Provide and install trap covers, tailpiece covers, waste arm covers, supply tube covers, cut-off valve covers, and wheelchair offset at strainer, as required.

B. Install per the manufacturer's recommendations. Secure pipe cover with reusable snap-clips. Provide angle stop “Lock-lid" access cover at supply cut-off valves.

3.3 ADJUSTING AND CLEANING:

A. Adjust toilet accessories for proper operation and verify that mechanisms function smoothly. Replace damaged or defective items.

B. Clean and polish all exposed surfaces after removing temporary labels protective coatings.

C. Manufacturer's service and parts manual shall be provided to building owner/manager upon completion of project.

3.4 TOILET ACCESSORIES SCHEDULE

A. TA-1: PARTITION-MOUNTED TOILET SEAT COVER DISPENSER, SANITARY NAPKIN DISPOSAL, AND TOILET TISSUE DISPENSER

1. Recessed toilet-seat-cover dispenser, sanitary napkin disposal, and toilet tissue dispenser shall be type-304 stainless steel with all welded construction. Exposed surfaces shall have satin finish. Toilet tissue dispensers shall be ABS plastic with a type-304 stainless steel waste deflector attached to the top tissue dispenser. Unit shall mount flush against side wall of barrier-free toilet compartment to allow clearance for grab bar across front of unit. Door shall be one piece, seamless construction; secured to cabinet with full-length, stainless steel piano hinge and be equipped with a concealed tumbler lock keyed like other Bobrick washroom accessories. Toilet-seat cover dispenser shall fill from below the internal shelf and hold 500 paper covers. Self-closing disposal panel shall be secured to door with a spring-loaded, full length piano hinge, has hemmed edges and equipped with an international graphic symbol identifying napkin disposal. Sanitary napkin disposal shall be furnished with a removable, leak-proof, molded polyethylene receptacle with a capacity of 0.8 gallon. Unit shall be equipped with two theft-

resistant, high impact polystyrene toilet tissue spindles that hold standard core-rolls up to a 5 ¼ inches in diameter. Spindle shall have a concealed locking mechanism opened with special key furnished.

2. Bobrick #B-3574

B. TA-2: Towel Bar
   1. Bobrick #B-673

C. TA-3: Robe Hook
   1. Bobrick #B-76727

E. TA-5: Grab Bars
   1. Grab bar shall be type-304 stainless steel with satin finish. Grab bar shall have 18-gauge wall thickness and 1-112 inch outside diameter. Clearance between the grab bar and wall shall be 1 - 112 inches. Concealed mounting flanges shall be 1/8-inch thick stainless steel plate, 2 inches by 3- 1 18 inches long, and equipped with two screw holes for attachment to wall. Flange covers shall be 22 gauge, 3-1/4 inch diameter by 1/2 inch deep, and shall snap over mounting flange to conceal mounting screws and/or "Wing-It" fasteners. Ends of grab bar shall pass through concealed mounting flanges and be heliarc welded to form one structural unit. Grab bar shall comply with barrier-free accessibility guidelines for structural strength.
   2. Bobrick #B-6806 Series; configuration as indicated.

F. STAINLESS STEEL MIRROR
   1. Mirror shall have one-piece, polished stainless steel 1/2" x 112" x 1/2" channel frame. Mirror frame shall have 90-degree uniform comers; open or uneven mitered comers are not acceptable. Mirror shall be No.1 quality, 1/4-inch (6mm) float/plate glass. All mirror edges shall be protected by filler strips. Mirror back shall be protected by full-size shock-absorbing, water-resistant, nonabrasive 1/8-inch (3-mm) thick polyethylene padding. Galvanized steel back with formed edges for additional strength shall have integral hanging brackets for mounting on concealed one-piece rectangular wall hanger{s). Mirror shall be secured to hanger with concealed Phillips head locking setscrews in bottom of frame. Manufacturer's service and ports manual shall be provided to building owner/manager upon completion of project.
   2. Bobrick #B- 1556

G. TA-7: COMBINATION TOWEL DISPENSER/WASTE RECEPTICAL UNITS:
   1. Semi-recessed paper towel dispenser and waste receptical shall be constructed entirely of type-304 stainless steel. Exposed surfaces shall have satin finish. Flange shall be drawn, one piece, seamless beveled construction. Door shall be secured to cabinet with full-length, stainless steel piano hinge and be equipped with a concealed tumbler lock. Rounded towel tray shall be equipped with five-position adapter; adjustable to dispense 600 C-Fold, 800 multifold, or 1,100 single-fold paper towels. Removable stainless steel waste receptacle shall be secured to cabinet by tumbler lock; top and bottom edges shall be hemmed for safe handling. Minimum capacity: 12 gallons.
   2. Bobrick #B-3904; where indicated

I. TA-9 LAVATORY-MOUNTED SOAP DISPENSER FOR SOAPS AND DETERGENTS

1. Lavatory-mounted soap dispenser shall dispense liquid and lotion soaps. Piston and spout assembly shall be type-304 stainless steel with bright polished finish. Escutcheon shall lock to body with concealed locking mechanism that is opened only with special key provided. Spout shall rotate 360 degrees without damage to valve mechanism. Piston, spout, and supply-tube assemble shall be removable from top for filling and maintenance. Valve shall be equipped with plastic cylinder, stainless steel spring, U-packing seal, and duckbills. Shank shall accommodate mounting thicknesses up to 1 inch. Translucent, shatter-resistant polyethylene container shall have a capacity of 20 fluid ounces.
2. Bobrock #B-2740

END OF SECTION 10800

STRUCTURAL NOTES

I. DESIGN DATA

A. BUILDING CODE

1. INTERNATIONAL BUILDING CODE 2006 Edition

B. DESIGN LOADS

			C	
1.	Wind Load	Exposure		
		Design Wind Speed	90	MPH
2.	Roof Loads	Live Load (L.L.)	20	PSF**
		Dead Load (DESIGN) (D.L.)	20	PSF
3.	Floor Loads	Live Load	80	PSF*
		Dead Load (SUPERIMPOSED)	5	PSF
4.	Seismic Zone 0			

* Reduced per I.B.C. Sec. 1607.9
** Reduced per I.B.C. Sec. 1605.3

C. ALTERNATE DESIGNS

Alternate structural systems & details will only be considered provided they are submitted with calculations certified by a Professional Engineer Registered in the State of the project. The calculations must show the equivalency of the alternate & acceptance of the alternate by the engineer must be in writing.

D. FUTURE EXPANSION

This project is not designed for future expansion.

E. ROOF SLOPE

The roof has not been designed for ponding based on a roof slope of 4" per foot.

F. Contractor to verify all conditions at the jobsite and report any descrepancies to the engineer prior to start of any construction.

II. SPECIAL INSPECTIONS

A. Special inspections are required in accordance w/ Latest Edition IBC, Section 1701 for the following portions of construction :

1. Concrete
2. Bolts installed in concrete
3. Reinforcing steel

III. SITE WORK

A. SOIL REPORT

1. Foundations, retaining & basement walls, foundation drainage, slabs on grade & other items related to the soils are designed & shall be constructed in accordance with the recommendations of RABA KISTNER-BRITTEST CONSULTANTS, INC. REPORT NO. AAA00-00444-00 DATED DEC. 12, 2000.
2. Design net soil bearing capacity is as follows :
   a. Grade beams- 3,200 PSF

BUILDING PAD PREPARATION (Slab-On-Grade Areas):

1. Remove all remaining vegetation, artificial clay soil, uncontrolled fill and obstructions from the existing surface of the site to a minimum of 5'-0" outside the building lines to a minimum depth of 2'-6". All clay pockets within the building area shall be excavated to a maximum depth of 2'-6".
2. Proof roll exposed subgrade and recompact all soft areas.
3. Construct a compacted base of select fill overlaying the existing soil with a minimum thickness of 30 inches below the bottom of the slab. The select fill shall be in compliance with the specifications in item 4 below.
4. Bring building areas to planned grade using off-site fill selected and compacted in accordance with the following:
   a. Gradation
      Shall meet or exceed Texas Crushed Stone 1 1/4" screenings.
   b. Plasticity Index
      Material used for the granular fill shall have a plasticity index between 4 and 15.
   c. No organic matter is permitted.
   d. Compaction
      Compact the material to at least 95% of the maximum dry density as determined ASTM D-698 Compaction Test. Hold water contents during compaction to -2% to +2% of laboratory optimum and compacted lift thickness to 8 inches maximum.
   e. Approval
      All select fill material shall be approved by the Engineer prior to it being used on the project.

IV. FORMS:

1. Materials:
   A. Lumber: All lumber and plywood used in the construction of forms for concrete shall be sound, clean and free of surface imperfections, and of sufficient size and thickness to rigidly support the loads involved.
   B. Plywood: Form plywood shall be sound and free of surface imperfections, and shall be manufactured with exterior glue suitable for use in forming concrete.
   C. Accessories: Form ties, clamps and other accessories shall be of such type, size, etc. as will safely support the loads to be encountered. Accessories on exposed faces shall be such as will not leave exposed metal on concrete face.
   D. Form Coating: Equal to Sonneborn Formsaver.
2. Application:
   A. The contractor shall employ an experienced surveyor to supply all necessary lines and levels to insure that all finished concrete work is properly located, straight, true and square.
   B. All vertical concrete surfaces shall be formed with wood, including edges of walks, slabs on grade, steps on grade and exposed portions of grade beams. If the earth will stand vertical and firm during excavating and concreting, no forms need be constructed for concrete below grade.
   C. Form construction and removal shall conform to the recommendations and requirements of the appropriate sections of ACI Standard 347 and ACI Code 318, latest versions. All form work shall be placed straight, level, plumb and true to line, sufficiently supported, braced and tied to rigidly support the loads involved without movement, and constructed to maximize resistance to shortening of the member. All joints in form work shall be tight and neat to prevent leakage or irregularities in exposed surfaces.
   D. The contractor shall check with all other trades and make certain that all piping, conduit, sockets, inserts, sleeves, anchors, bolts, etc., required by the various trades are properly placed and supported to prevent movement during concreting.
   E. The contractor shall obtain the Architect's and the Engineer's review and okay before placing any structural concrete, giving at least 48 hours notice before pours are scheduled. Obtain the Architect's approval before pouring non- structural concrete.
   F. The Contractor shall construct formwork to adequately support pressure from the wet concrete. Reinforcing shall be installed to the Engineer's satisfaction before placing concrete.
   G. Thoroughly clean all form surfaces in contact with concrete and coat with approved form coating. Oiled forms shall not be used for exposed concrete surfaces which are later to be plastered or rebbed.
   H. Leave all formwork in place for a time consistent with recommendations of the American Concrete Institute. In general, the perimeter vertical beam forms may be removed within 24-28 hours after concrete is placed. Should inconsistencies and/or irregularities on the lines, levels or plumb of the concrete occur, the contractor shall make such corrections as the Engineer directs, without extra cost to the owner.

V. REINFORCING MATERIAL PROPERTIES

I. REINFORCING PROPERTIES :	FYKSI	ASTM
a. All bars unless noted	60	A615
b. Ties & stirrups	60	A615
c. Welded wire fabric (smooth)	65	A185
d. Post-tensioning strand	270Fpu	A416
e. Prestressing strand	270Fpu	A416
f. Weldable rebar	60	A706

VI. EXPANSION AND CONTROL JOINTS

A. Control joints are to encompass an area not greater than 400 square feet. The minimum distance between control joints is 15'-0". Control joints shall be placed at mid span between grade beams parallel to control joint. Contractor shall submit control joint layout plan for review By Architect and Engineer prior to construction of slab.

VII. CAST IN PLACE CONCRETE

1. Materials:
   A. Cement: Portland Cement shall conform to the standard specifications for Portland Cement, ASTM Designation C-150, latest version Type I or Type III.
   B. Concrete Aggregates: Concrete aggregates shall conform to the specifications for Concrete Aggregates, ASTM C-33, latest version. The maximum size shall be not larger than 1-1/2 inches for slabs on grade and 3/4 inches for concrete fill over formed decks.
   C. Water: Water shall be clean, potable and free of injurious amounts of acids, alkalies or organic materials.
   D. Ready Mixed Concrete: Ready Mixed Concrete shall conform to ASTM Specifications C-94, latest version.
   E. Expansion Joints (If Shown): Premolded Joint filler shall consist of asphalt vegetable fiber and mineral filler between two sheets of asphalt saturated paper and shall meet the requirements of ASTM Specification D-994, latest version.
   F. Admixtures: Chemical compounds shall be used as an Admixture to control plastic shrinkage, improved workability and entrain 3 to 5% air. The Admixtures shall contain no chlorides, fluorides or nitrates and shall be formulated by the manufacturer for the job area and weather conditions to control setting time. Admixtures shall conform to ASTM Specifications C-260 and C-494, latest version. The Admixtures intended for use shall be submitted to the Engineer for approval before any actual mix is made.
2. Place concrete in compliance with practices and recommendations of ACI 304.
   A. Cold Weather Placing: Comply with ACI 306.
   B. Hot Weather Placing: Comply with ACI 305.
   C. Batching, Mixing & Delivery: Comply with ACI 614.
3. ALL CONCRETE SHALL BE CONSOLIDATED BY USE OF A MECHANICAL VIBRATOR.
4. The maximum time interval between the addition of mixing water and/or cement to the batch, and the placing of the last of the concrete batch in the forms shall not exceed ninety (90) minutes for ambient temperatures below 90 degrees and sixty (60) minutes for ambient temperatures of 90 degrees and above.
5. No concrete shall be placed where the concrete temperature exceeds 90 degrees fahrenheit, before any water is added at the jobsite.
6. Reinforcing bars shall be designed, fabricated and placed in accordance with the latest ACI Specifications.
7. Continuous reinforcing bars shall have a minimum lap of 40 diameters or 24", whichever is greater.
8. Provide corner bars for all continuous reinforcing bars at all corners with minimum lap of 40 diameters or 24", whichever is greater.
9. Welded Wire Fabric (WWF) shall conform to ASTM A185.
10. Nonshrink grout shall be ready-to use metallic aggregate product requiring only additions of water at the site, and shall have the following attributes.
    A. Be capable of producing a flowable grouting material having no drying shrinkage or settlement at any age.
    B. The compressive strength of the grout (50mm or 2" cubes) shall be not less than 5,000 psi at age 28 days. Store, mix and place nonshrink grout in strict accordance with manufacturer's recommendations as approved by the Engineer.
11. Provide 1/2" premolded expansion joints where new concrete walks abut the building, existing curbs and walks.
12. Deposit concrete continuously or in layers of such thickness that no concrete will be placed on concrete which has hardened sufficiently to form seams or planes of weakness within the section.
13. Where a section cannot be placed continuously, provide construction joints as approved by the Engineer.
14. Place concrete at such a rate that concrete which is being integrated with fresh concrete is still plastic.
15. Deposit concrete as nearly as practicable in its final location to avoid segregation due to rehandling and flowing. Do not subject concrete to any procedure which might cause segregation. Do not use mechanical vibrators to move concrete.
16. Screed concrete which is to receive other construction to the proper level to avoid excessive skimming and grouting.
17. Do not use concrete that has become nonplastic and unworkable, or does not meet the required quality control limits or which has been contaminated by foreign materials.
18. Do not retemper concrete after initially obtaining the proper slump on any load of concrete.
19. All reinforcing shall be supported on metal supports and securely tied to prevent movement during concreting.
20. All concrete shall be designed and constructed in accordance w/ IBC Chapter 19 & ACI-318, latest editions.
21. Provide extra reinforcing on each face around all openings 24" or larger in all slabs & walls equal to one half the interrupted reinforcing bars on each side but not less than 2-#5 bars with Class B lap but not less than 2 feet beyond edge of openings.
22. Provide a 3/4" chamfer on all exposed corners of concrete.
23. The following minimum concrete cover shall be provided for reinforcement :

	MINIMUM COVER IN.
a. Concrete cast against & permanently exposed to earth	3"
b. Concrete exposed to earth or weather ; #6 THRU #18 bars	2"
#5 & smaller bars	
c. Concrete not exposed to weather or in contact with ground ;	1 1/2"
slabs & walls : #14 & #18 bars	2"
#11 & smaller bars	1"
Beams & Columns ; primary reinforcement, ties & stirrups	1"

24. If any ponds, tree wells or abrupt grade changes occur within 5'-0" of perimeter grade beam, the grade beam must be extended a minimum of 12" below the lowest elevation of the grade change.
25. Underslab vapor barrier shall be StegoWrap 15 mil. or equal. Vapor retarder shall be installed in accordance with manufacturer's specifications.
26. All anchor bolts and shearwall hold down bolts are to be "wet set". Do not drill and epoxy set hold down or anchor bolts.

CONCRETE MATERIAL PROPERTIES

I. CONCRETE PROPERTIES :	f'c PSI 28 DAYS	SLUMP INCHES
a. Footings, piers, grade beams & foundation walls	3000	4 ± 1
b. Interior slab on grade	3000	5 ± 1
c. Exterior slab on grade	3000	5 ± 1
d. Topping # concrete over metal deck	3500	5 ± 1

2. All exterior concrete shall be air entrained to give the concrete an air content of 6±1% by volume.
3. Cast-in-Place concrete shall be regular weight with a minimum compressive strength of 3000 PSI at 28 days. The concrete mix design shall have a minimum of 5 sacks of cement for 3000 PSI and 5 1/2 sacks for 3500 PSI per cubic yard of concrete. The mix design shall be prepared by a testing agency and reviewed by the Engineer prior to placing any concrete. All concrete shall be by one supplier unless approved by the Engineer. The use of Fly Ash is not permitted.
4. Concrete shall have a maximum slump of 5" for slabs and 4" for all other concrete.

VIII. STRUCTURAL STEEL

1. Structural Steel design and construction shall conform to IBC Chapter 22 - General design requirements. All steel shall be designed, fabricated and erected in accordance with the latest AISC Specifications for Design, Fabrication and Erection of Structural Steel for Buildings.
2. All welding shall be in accordance with the latest American Welding Society Specifications.
3. All structural steel shall be ASTM A572.
4. All bolts shall be ASTM A307.
5. All steel to be given one shop coat of rust inhibitive primer, after fabrication.
6. Structural Steel Supplier is responsible for & shall submit shop drawings for all structural steel.
7. Structural Steel Supplier shall furnish bolts for OSHA connections (see drawings for details).
8. Provide protective asphaltic coating or equal around structural steel below grade.

STEEL MATERIAL PROPERTIES

I. STEEL PROPERTIES :	FYPSI	ASTM
a. Structural wide flange shapes	50,000	A572
b. Other struct. shapes, etc.	36,000	A36
c. High Strength bolts, U.N.O.	74,000	A325
d. Anchor Bolts (tensile strength)	60,000	A307
e. Welding Electrodes	E70XX	A233
f. Deck Welding Electrodes	E60XX	A233
g. Structural Pipes	36,000	A53, GRADE B
h. Structural Tubes	46,000	A500, GRADE B
i. Headed Studs	50,000	A108

j. Expansion Bolts shall be Epcon Epoxy Anchors or pre-approved equal.

IX. FRAMING:

1. All bolts shall be ASTM A-307.
2. All beam framing timber shall be No.1 grade Southern Pine Kiln-Dried or better. All column timber shall be No. 1 Douglas Fir Kiln- Dried or better.
3. All wood connector and hangers shall be as manufactured by Simpson Strong-Tie Co. or equal.
4. All connectors or hangers for pressure treated material shall be stainless steel.
5. All exterior walls and interior shear walls shall be sheathed with a minimum of 7/16-24/48 C-D Exterior Plywood or OSB. Attach to framing with 10d nails @ 6" o.c.
6. All exterior walls and interior shear walls shall be anchored to the foundation with 1/2" x 12" anchor bolts at 48" o.c.
7. All roofs shall be decked with 5/8"-40/24 C-D Exterior Plywood nailed with 6d nails at 6" o.c. at all supports.
8. All wall framing shall be #2 Southern Yellow Pine or better.
9. All roof joists and ceiling joists shall be #2 Southern Yellow Pine or better.
10. No holes, notches or other cuts shall be made in any beam, joist, rafter or other framing member without written approval by the engineer.
11. No hole larger than 1" in diameter will be allowed in any load bearing or exterior wall stud. 1" diameter and smaller holes shall be located on the centerline of the side cuts and spaced no less than 6" o.c. No other holes will be allowed without the written approval of the engineer.

ROOF TRUSSES

LOADING: Top Chord Dead Load = 10 psf
Top Chord Live Load = 20 psf
Bot.Chord Dead Load = 10 psf
Bot Chord Live Load = 0 psf
Uplift = 10 psf
Duration Factor of 125%

Trusses shall be Designed and Manufactured to be Equal to that Manufactured by Alpine Engineered Products, Inc. All trusses shall be engineered for the loading indicated and the manufacturer shall submit sealed engineering drawings for each truss type and length.

X. USE AND/OR RELEASE OF STRUCTURAL ENGINEERING ELECTRONIC FILE.

The electronic files for the structural engineering documents will not be released for use during construction or for the preparation of shop drawings or submittals. Each supplier or fabricator is responsible for reproducing the information required for their submittal. The duplicating of any part of these documents for inclusion in shop drawings or submittals is also prohibited.

XI. DETAIL NOTES

Details noted as typical shall apply in all cases unless specifically shown or noted otherwise.

XII. STRUCTURAL REQUIREMENTS FOR SUBMITTALS

The following are submittals required by Engineer. Use plans and spec book for product list.

1. Select fill material.
2. Soil compaction test results.
3. Reinforcement & concrete accessories including vapor barrier.
4. Concrete mix design.
5. Anchor bolts.
6. Wood trusses.
7. Structural steel.
8. Concrete test results.

XIII. STRUCTURAL REQUIREMENTS FOR SITE VISITS.

Site visits for construction observation will not be made by Engineer until all submittals and or testing results have been reviewed and accepted by the Engineer. Contractor is responsible for scheduling submittals to allow the Engineer adequate time to review and comment before proceeding with construction.

Representative of FHI will visit the site at the following stages of construction:

A. After forms, rebar, embeds and other accessories are in place and 48 hours prior to placement of concrete.
B. All anchor bolts and embeds are to be set and adequately tied & held in position prior to the start of placing concrete.
C. Framing.
D. After decking is in place and attached to structure, but prior to covering with floor or roof materials.

Please refer to specifications or General Notes for project specific instructions.

Contractor shall issue to the Engineer a complete project schedule with the above site visit noted and notify the Engineer a minimum of 48 hours prior to the scheduled visit to confirm time and date of required visit. Failure of the Contractor to accomplish this notification will not require the Engineer to respond on shorter notice, nor will the Contractor proceed without the Engineer performing appropriate site visit. Additionally if the Contractor requests or schedules a site visit and construction is not at the appropriate stage for the Engineer to perform the proper observations, another site visit will be required and scheduled at the Contractor expense for all time and travel expenses of the Engineer or his representative. Engineer will not issue any type or form of compliance or concurrence statement for construction without performing the above noted site observations.

SCHEDULES

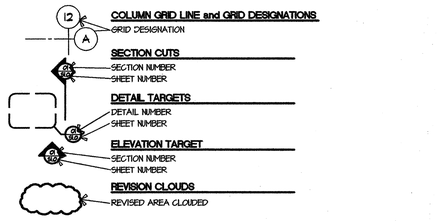
HEADER SCHEDULE

HEADER DES.	HEADER
H-1	(3) 2X6
H-2	(3) 2X8
H-3	(3) 1.75X9.50 LVL
H-4	(3) 2X12

NOTE:
1. ALL DIMENSIONAL LUMBER HEADERS ARE TO HAVE 1/2" PLYWOOD BETWEEN PLIES.
2. ALL LVL'S ARE TO HAVE FOLLOWING PROPERTIES:
   Fb 2650 1.8E

DRAWING SYMBOLS

EARTH/COMPACT FILL
WOOD BLOCKING
WELDED WIRE FABRIC
SPAN DIRECTION OF HOLLOW CORE SLABS
S — BEAM SPLICE LOCATION
M — BEAM MOMENT CONNECTION
MASONRY WALL



ABBREVIATIONS

(A)
A.B. ANCHOR BOLT
ALT. ALTERNATE
ARCH. ARCHITECT(URAL)

(B)
B.S. BOTH SIDES
BBE. BOTTOM BEAM ELEVATION
BLKG. BLOCKING
BLDG. BUILDING
BM. BEAM
BOT. BOTTOM
BRG. BEARING
BSMT. BASEMENT
BTWN. BETWEEN
BLK. BLOCK

(C)
C.J. CONTROL JOINT
CL CENTER LINE
CLR. CLEAR(ANCE)
C.M.U. CONCRETE MASONRY UNIT
C.B. CONCRETE BLOCK
COL. COLUMN
CONC. CONCRETE
CONN. CONNECTION
CONST. CONSTRUCTION
CONT. CONTINOUS
C.I.P. CAST IN PLACE
COMP. COMPOSITE

(D)
DET. DETAIL
DIA. DIAMETER
DIAG. DIAGONAL
DN. DOWN
DWG. DRAWING
DBL. DOUBLE
D.L. DEAD LOAD
DO. DITTO

(E)
E EAST
EA. EACH
E.S. EACH SIDE
ELEV. ELEVATION
EQ. EQUAL
EXIST. EXISTING
EXP. EXPANSION
EXT. EXTERIOR

(F)
FD. FLOOR DRAIN
FDN. FOUNDATION
FTG. FOOTING
FUT. FUTURE
F.S. FAR SIDE
FAB. FABRICATE (OR)
FLG. FLANGE
F.O.B. FACE OF BRICK

(G)
GA. GAGE, GAUGE
GALV. GALVANIZED
GC. GENERAL CONTRACTOR
GB. GRADE BEAM

(H)
H.G.A. HEADED CONCRETE ANCHOR
HORIZ. HORIZONTAL
HT. HEIGHT
H.S. HEADED STUDS
HSS TUBE STEEL

(I)
INFO. INFORMATION
I.F. INSIDE FACE

(J)
JST. JOIST
JT. JOINT
J/BRG JOIST BEARING

(K)
K KIP
K.O. KNOCK-OUT
K.S.I. KIPS PER SQ. INCH

(L)
LLH LONG LEG HORIZONTAL
LLV LONG LEG VERTICAL
L.L. LIVE LOAD

(M)
MIN. MINIMUM
MAS. MASONRY
MAX. MAXIMUM
MANUF. MANUFACTURER
MEZZ. MEZZANINE
MISC. MISCELLANEOUS
M.O. MASONRY OPENING
MATL. MATERIAL
MTL. METAL

(N)
N NORTH
NTS NOT TO SCALE
N.S. NEAR SIDE
N.I.C. NOT IN CONTRACT

(O)
O.C. ON CENTER(S)
O.S. OUTSIDE
OPNG. OPENING
OPP. OPPOSITE
O.F. OUTSIDE FACE

(P)
P.C. PRECAST CONCRETE
PERIM. PERIMETER
P.J. PANEL JOINT
PL. PLATE
PLF POUNDS PER LINEAR FOOT
PMB PRE-ENGINEERED METAL BUILDING
PROJ. PROJECTION
PSF. POUNDS PER SQ. FOOT
PSI. POUNDS PER SQ. INCH
P.T. PRESSURE TREATED

(Q)
QTY. QUANTITY

(R)
RAD. RADIUS
R.D. ROOF DRAIN
REV. REVISION, REVISED
REINF. REINFORCED, (ING)
REF. REFERENCE
REQ'D. REQUIRED

(S)
S SOUTH
SCHED. SCHEDULE
SIM. SIMILAR
SQ. SQUARE
STD. STANDARD
STL. STEEL
STRUCT. STRUCTURAL
SPA. SPACE(S)
S.L. SNOW LOAD

(T)
TEMP. TEMPORARY
TYP. TYPICAL
T.O. TOP OF
TBE. TOP OF BEAM ELEVATION
TDE. TOP OF DECK ELEVATION
TFE. TOP OF FOOTING ELEVATION
TSE. TOP OF SLAB ELEVATION
T&B TOP AND BOTTOM
T&G TONGUE AND GROOVE

(U)
UNEXC. UNEXCAVATED
U.N.O. UNLESS NOTED OTHERWISE

(V)
VERT. VERTICAL

(W)
W WEST
WITH
WP. WORK POINT
WWF. WELDED WIRE FABRIC

DRAWING INDEX

S1.0 - NOTE & SCHEDULE SHEET
S1.1 - FOUNDATION PLAN
S2.0- ROOF FRAMING PLAN
S3.0- FOUNDATION DETAILS
S4.0- FRAMING DETAILS
S4.1- FRAMING DETAILS

Revisions:

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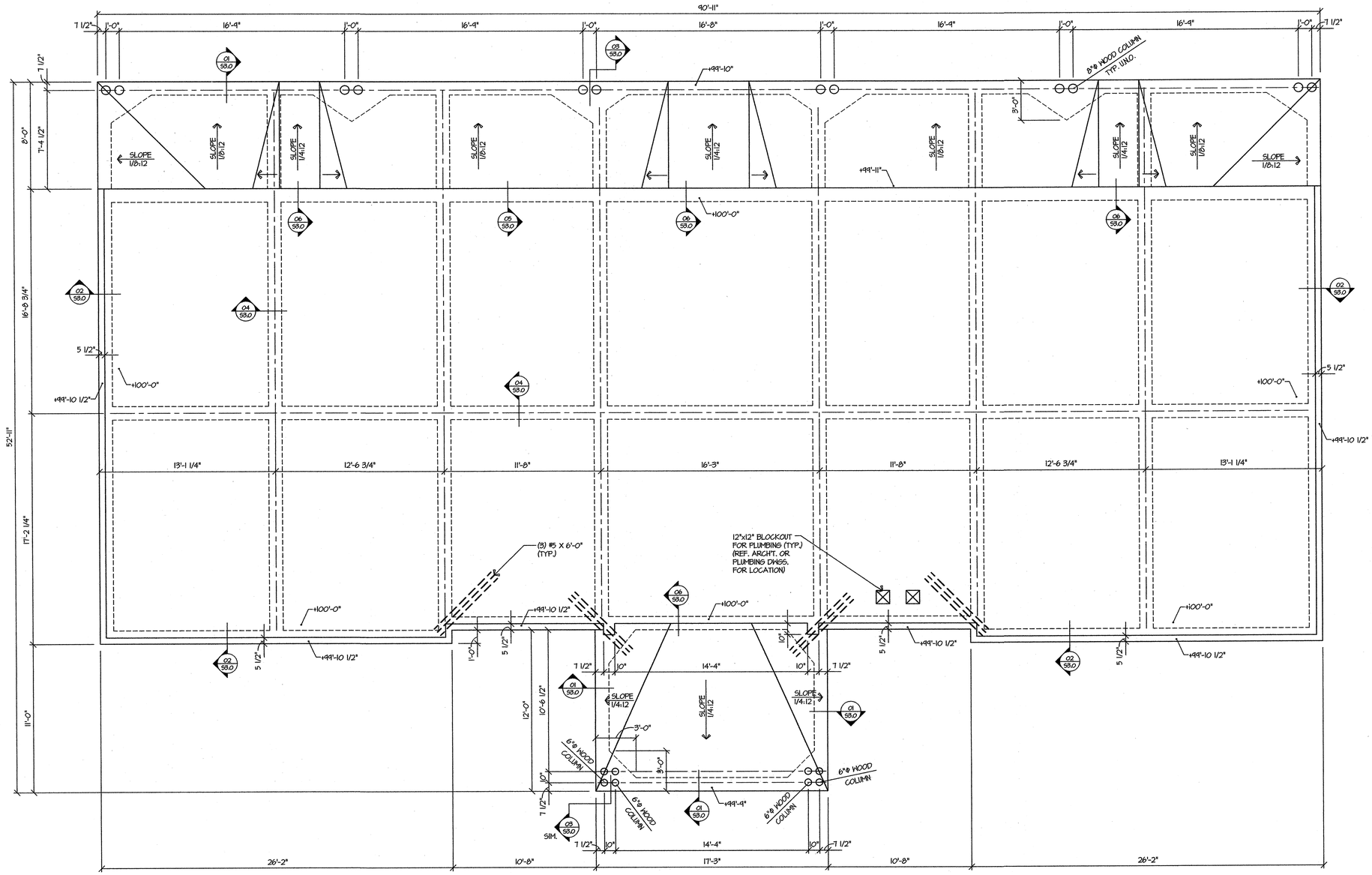
Project :

Regional Park Headquarters
ROUND ROCK, TEXAS

Drawn by: MP
Checked by: RT
Approved by: LF
Job Number: 09042
Date: 10/30/2009
Submittal Type:
CONSTRUCTION
Cad File:

Sheet Title:
GENERAL NOTES

Sheet No.:
S1.0



PLAN NOTES

1) REFER TO CIVIL SITE PLANS FOR ACTUAL FINISH FLOOR ELEVATIONS. ASSUMED ELEVATION OF 100'-0" FOR ALL SLAB AREAS UNLESS NOTED ON FOUNDATION PLAN OR IN ARCHITECTURAL PLANS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATIONS OF SLAB DROPS AND SLOPES AND FOR COORDINATION OF ALL SLAB AND GRADE BEAM PENETRATIONS.

2) PROVIDE CORNER BARS IN GRADE BEAMS PER DETAIL 11/S3.0.

3) PLUMBING FIXTURES ARE SHOWN FOR REFERENCE ONLY. REFER ARCHITECTURAL AND PLUMBING PLANS FOR LOCATIONS, TYPE AND QUANTITIES.

4) REFER TO DETAIL 08/S3.0 FOR ALL PIPE/CONDUIT IN THE FOUNDATION.

5) REFER TO DETAIL 09 AND 10/S3.0 FOR GRADE-BEAM PENETRATIONS.

4" CONCRETE SLAB
FINISH FLOOR ELEVATION = 100'-0"
REINFORCE WITH #3 @ 12" O.C.E.W.
SUPPORTED ON 1 3/4" METAL CHAIRS W/ SAND PLATES AT 48" O.C.E.W.
PROVIDE VAPOR BARRIER.

NORTH

A

1/4" = 1'-0"

FOUNDATION PLAN

-

Revisions:

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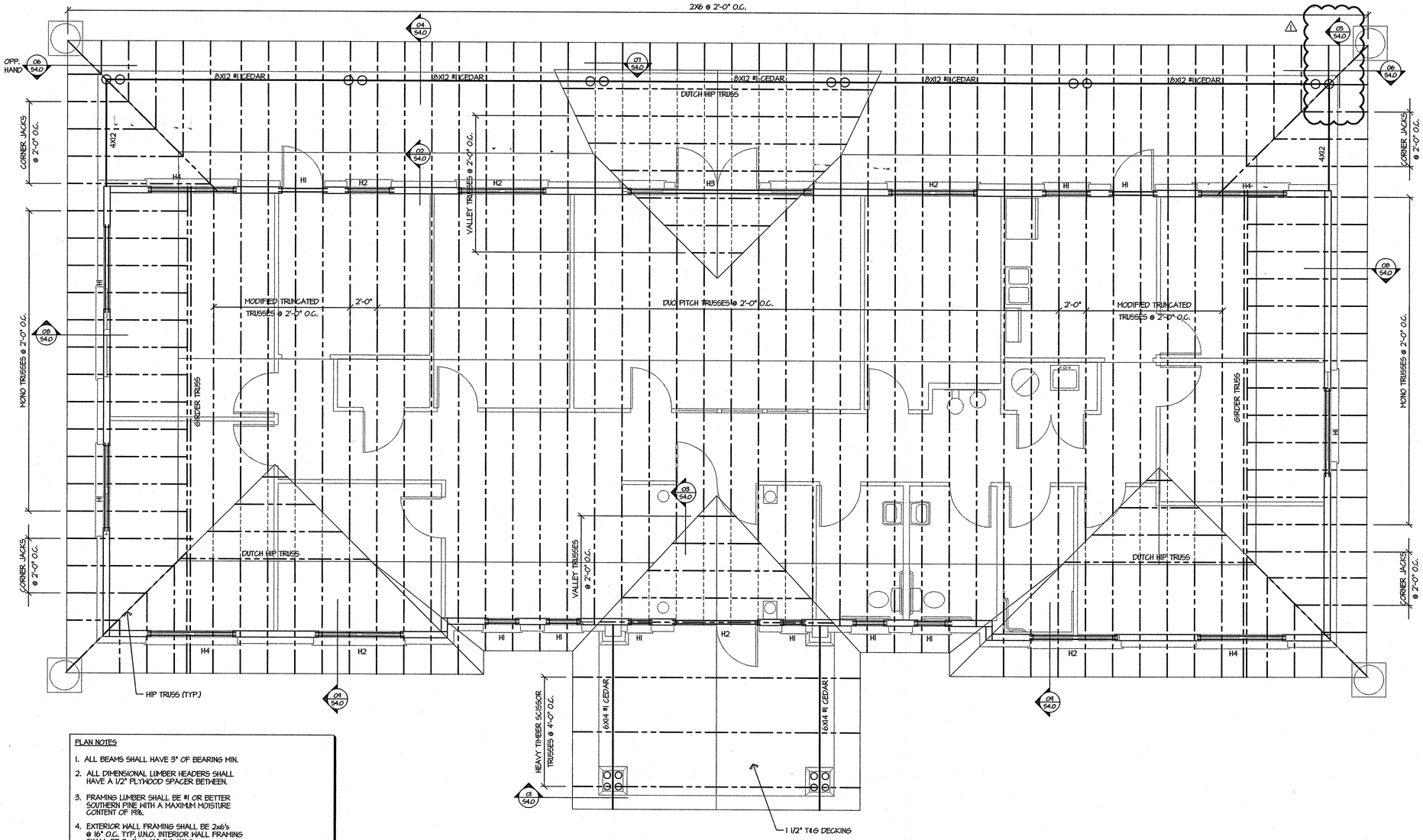
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ROUND ROCK, TEXAS

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Cad File:	

Sheet Title:
FOUNDATION PLAN

Sheet No.:
S1.1



PLAN NOTES

1. ALL BEAMS SHALL HAVE 3" OF BEARING MIN.
2. ALL DIMENSIONAL LUMBER HEADERS SHALL HAVE A 1/2" PLYWOOD SPACER BETWEEN.
3. FRAMING LUMBER SHALL BE #1 OR BETTER SOUTHERN PINE WITH A MAXIMUM MOISTURE CONTENT OF 19%.
4. EXTERIOR WALL FRAMING SHALL BE 2x6's @ 16" O.C. TYP, U.N.O. INTERIOR WALL FRAMING SHALL BE 2x4's @ 16" O.C. U.N.O.
5. NO HOLES, NOTCHES OR OTHER CUTS SHALL BE MADE ON ANY BEAM, JOIST, RAFTER OR OTHER FRAMING MEMBER WITHOUT WRITTEN APPROVAL BY THE ENGINEER.
6. NO HOLE LARGER THAN 1" IN DIAMETER WILL BE ALLOWED IN ANY LOAD BEARING OR EXTERIOR WALL STUD. 1" DIAMETER AND SMALLER HOLES SHALL BE LOCATED ON THE CENTERLINE OF THE WIDE AXIS AND SPACED NO LESS THAN 6" O.C. NO OTHER HOLES WILL BE ALLOWED WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER.
7. ALTERNATE FRAMING - 600S137-33 MIL METAL STUDS @ 16" O.C.

NORTH

A

1/4" = 1'-0"

ROOF FRAMING PLAN

-

Revisions:

1 11-23-09 REVISED AS NOTED

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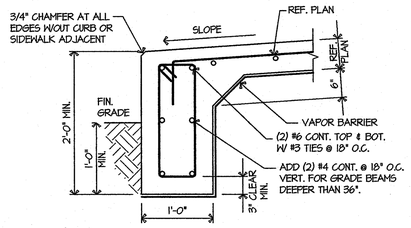
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ROUND ROCK, TEXAS

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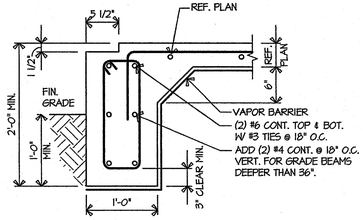
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S2.0

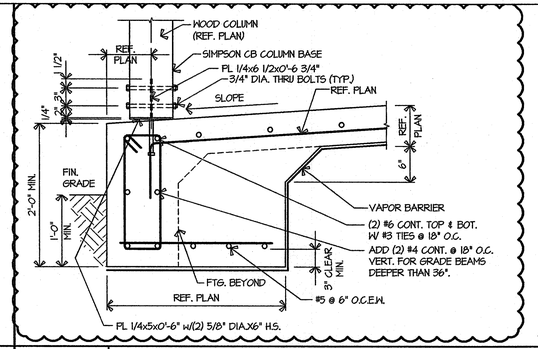
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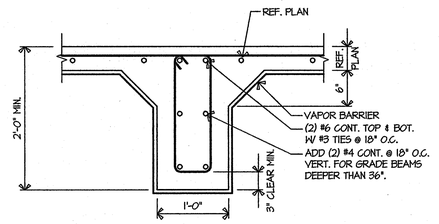
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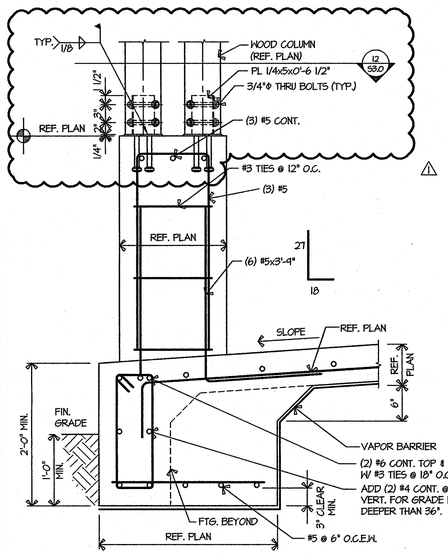
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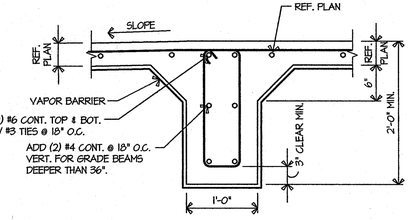
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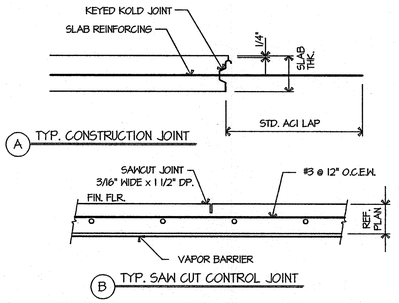
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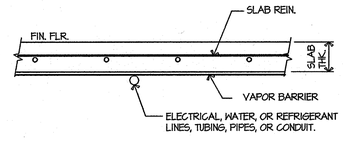
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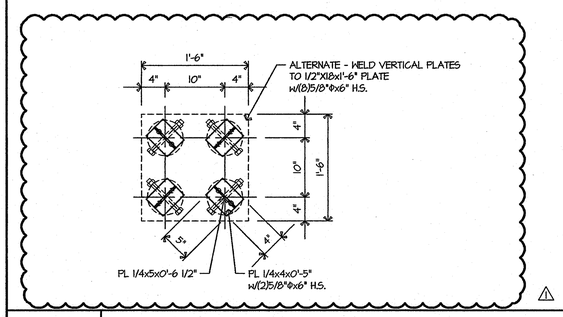
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1"=1'-0"	ST320034



07	TYP. CONTROL JOINT DETAIL
1"=1'-0"	ST320001



08	TYP. SLAB OVER UTILITIES DETAIL
1"=1'-0"	ST320002



12	SECTION
1"=1'-0"	90855E16

NOT USED

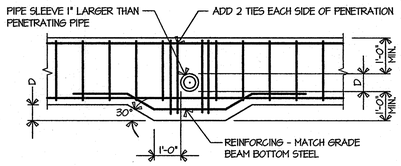
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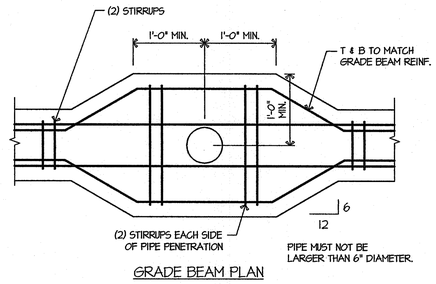
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15	SECTION

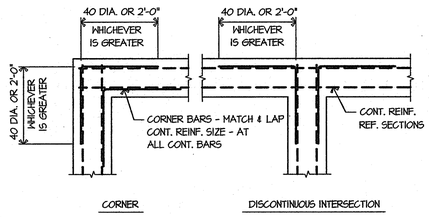


09	TYP. GRADE BM. PENETRATION DETAIL
1"=1'-0"	ST320003



GRADE BEAM PLAN

10	TYP. GRADE BM. PENETRATION DETAIL
1"=1'-0"	ST320004



11	TYP. GRADE BEAM REINF. DETAIL
1"=1'-0"	ST320005

Revisions:

1 11-25-09 REVISED AS NOTED

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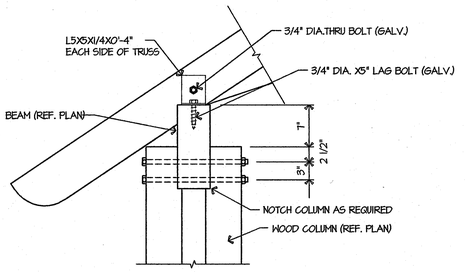
Project :

Regional Park Headquarters
ROUND ROCK, TEXAS

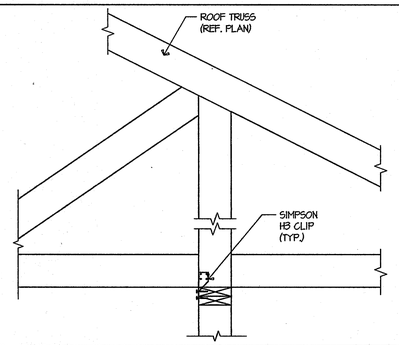
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Sheet Title:
FOUNDATION DETAILS

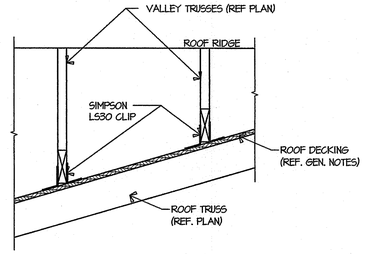
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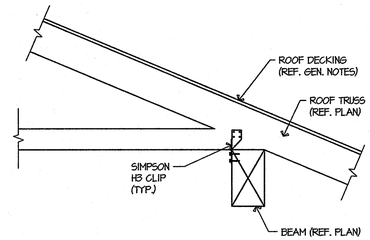
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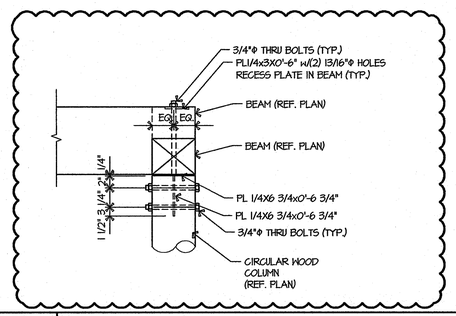
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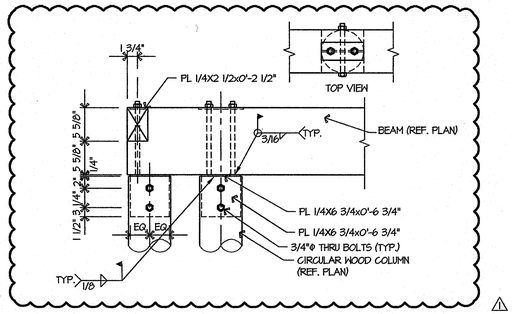
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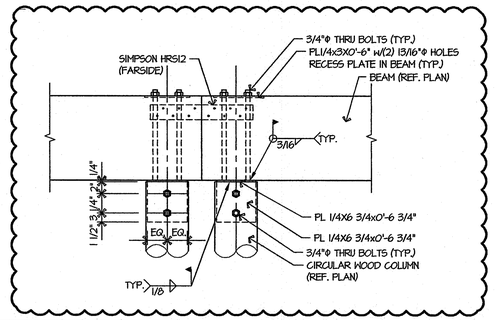
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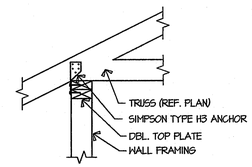
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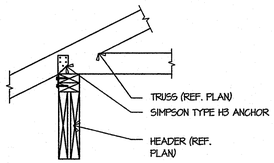
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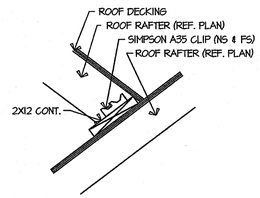
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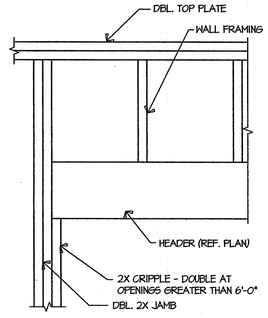
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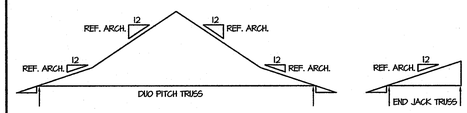
09	SECTION
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10	TYP. ROOF OVERBUILD DETAIL
1"=1'-0"	ST610008

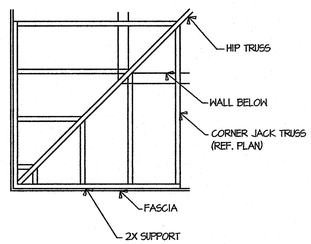


11	TYP. WALL OPENING FRAMING DETAIL
1"=1'-0"	ST610003



TRUSS NOTES.
LOADING: TOP CHORD DEAD LOAD = 10 psf
LIVE LOAD = 20 psf
BOT. CHORD DEAD LOAD = 5 psf
UPLIFT = 10 psf
DURATION FACTOR OF 125%
TRUSSES TO BE DESIGNED AND FABRICATED IN ACCORDANCE WITH THE LATEST AITC SPECIFICATION AND BE EQUAL TO THAT MANUFACTURED BY ALPINE ENGINEERED PRODUCTS, INC. ALL TRUSSES TO BE ENGINEERED FOR THE LOADS INDICATED AND IN ACCORDANCE WITH APPLICABLE CODE LOADING AND THE MANUFACTURER SHALL SUBMIT SEALED ENGINEERING DRAWINGS FOR EACH TRUSS TYPE AND LENGTH.

12	TYP. ROOF TRUSS PROFILE
1"=1'-0"	ST610022



13	TYP. HIP FRAMING DETAIL
1/2"=1'-0"	ST610002

NOT USED

14	SECTION

NOT USED

15	SECTION

NOT USED

16	SECTION

Revisions:
1 11-23-09 REVISED AS NOTED

FHI
CIVIL & STRUCTURAL ENGINEERING
One Chisholm Trail, Suite 5200
Round Rock, TX 78681
Phone (512) 244-1546
Fax (512) 388-3698
TBPE Registration No. F-295

JOB NO. 29085 © 2009 FHI, Inc.

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THIS DRAWING IS ISSUED FOR CONSTRUCTION. THIS DRAWING MAY NOT BE MODIFIED WITHOUT THE EXPRESS WRITTEN CONSENT OF THE ENGINEER, AND THEN ONLY IN ACCORDANCE WITH THE RULES OF THE TEXAS ENGINEERING PRACTICE ACT.

STATE OF TEXAS
LAURENCE J. FISHER
50110
REGISTERED PROFESSIONAL ENGINEER
10-30-09

Consultant(s):

BWMGROUP
planning | landscape architecture
102 E. Main, Suite 200
Round Rock, Tx. 78664
email: tbargainer@bwmgrp.com
ph: (512) 238-8912 Ext. 206
fax: (512) 238-8913
www. bwmgrp.com

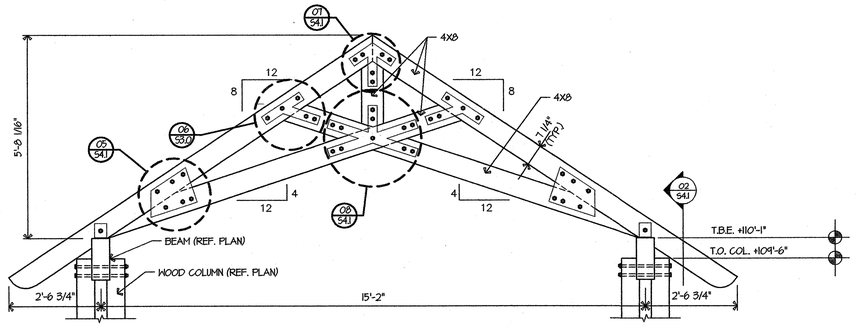
Project :

Regional Park Headquarters
ROUND ROCK, TEXAS

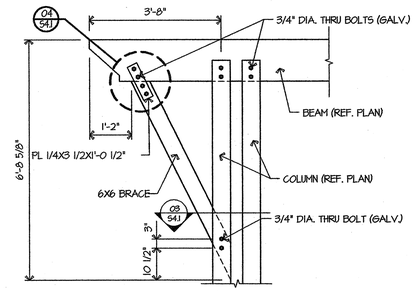
Drawn by: MP
Checked by: RT
Approved by: LF
Job Number: 09042
Date: 10/30/2009
Submittal Type:
CONSTRUCTION
Cad File:

Sheet Title:
FRAMING DETAILS

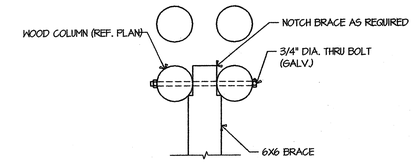
Sheet No.:
S4.0
1



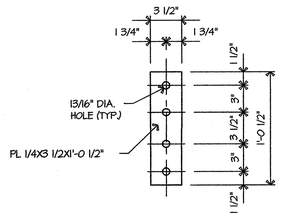
01	HEAVY TIMBER TRUSS ELEVATION
1/2"=1'-0"	90855E06



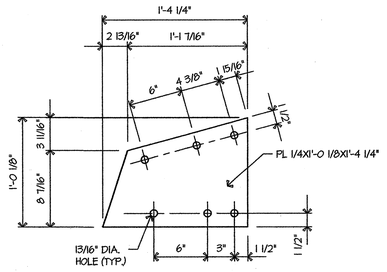
02	SECTION
1/2"=1'-0"	90855E07



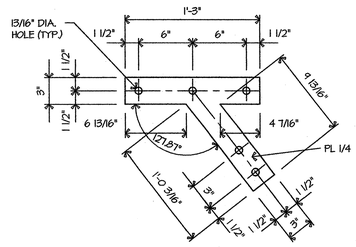
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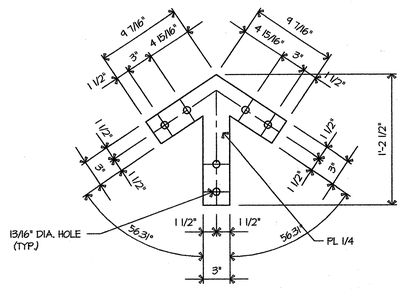
04	TRUSS PLATE DETAIL
1 1/2"=1'-0"	90855E10



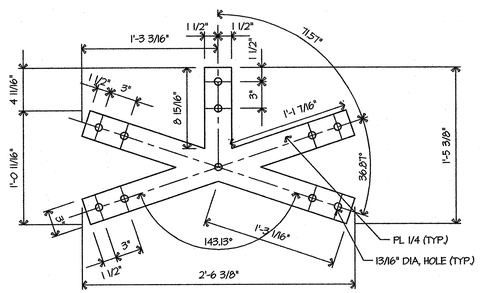
05	TRUSS PLATE DETAIL
1 1/2"=1'-0"	90855E11



06	TRUSS PLATE DETAIL
1 1/2"=1'-0"	90855E12



07	TRUSS PLATE DETAIL
1 1/2"=1'-0"	90855E13



08	TRUSS PLATE DETAIL
1 1/2"=1'-0"	90855E14

NOT USED

09	SECTION

NOT USED

10	SECTION

NOT USED

11	SECTION

NOT USED

12	SECTION

NOT USED

13	SECTION

NOT USED

14	SECTION

NOT USED

15	SECTION

Revisions:

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STATE OF TEXAS
LAURENCE J. FISHER
50110
REGISTERED
PROFESSIONAL ENGINEER
10-30-09

Consultant(s):

BWMGROUP
planning | landscape architecture
102 E. Main, Suite 200
Round Rock, Tx. 78664
email: lbarjainer@bwmgrp.com
ph: (512) 238-8912 Ext. 206
fax: (512) 238-8913
www. bwmgrp.com

Project :

Regional Park Headquarters
ROUND ROCK, TEXAS

Drawn by:	MP
Checked by:	RT
Approved by:	LF
Job Number:	09042
Date:	10/30/2009
Submittal Type:	
	CONSTRUCTION
Cad File:	

Sheet Title:
FRAMING DETAILS

Sheet No.:
S4.1

Regional Park Headquarters

Schedule of Bid Items

Item No.	Description (with unit price in words)	Unit Price	Total Price
	BASE BID SCHEDULE		
1.01	Mobilization/General Requirements of Contract at_____ Dollars and_____ Cents per lump sum		
1.02	Compliance with SWPPP at_____ Dollars and_____ Cents per lump sum		
1.03	Sitework at _____ Dollars and_____ Cents per lump sum		
1.04	Concrete at_____ Dollars and_____ Cents per linear foot		
1.05	Masonry at_____ Dollars and_____ Cents per lump sum		
1.06	Metals at_____ Dollars and_____ Cents per acre		
1.07	Rough Carpentry at_____ Dollars and_____ Cents per lump sum		
1.08	Prefabricated Wood Trusses at_____ Dollars and_____ Cents per lump sum		
1.09	Siding at _____ Dollars and_____ Cents per lump sum		
1.10	Finish Carpentry at _____ Dollars and_____ Cents per lump sum		
1.11	Cabinetry at _____ Dollars and_____ Cents per lump sum		
1.12	Weatherproofing at _____ Dollars and_____ Cents per lump sum		
1.13	Doors and Windows at _____ Dollars and_____ Cents per lump sum		
1.14	Wall and Ceiling Finishes at _____ Dollars and_____ Cents per lump sum		
1.15	Flooring at _____ Dollars and_____ Cents per lump sum		
1.16	Painting and Staining at _____ Dollars		

Regional Park Headquarters

Schedule of Bid Items

Item No.	Description (with unit price in words)	Unit Price	Total Price
	and_____ Cents		
	per lump sum		
1.17	Signage		
	at _____ Dollars		
	and_____ Cents		
	per lump sum		
1.18	Fire Extinguisher Cabinets		
	at _____ Dollars		
	and_____ Cents		
	per lump sum		
1.19	Toilet and Bath Accessories		
	at _____ Dollars		
	and_____ Cents		
	per lump sum		
1.20	Site Electrical		
	at _____ Dollars		
	and_____ Cents		
	per lump sum		
1.21	Building Electrical		
	at _____ Dollars		
	and_____ Cents		
	per lump sum		
1.22	Mechanical		
	at _____ Dollars		
	and_____ Cents		
	per lump sum		
1.23	Plumbing Labor and Rough-Ins		
	at _____ Dollars		
	and_____ Cents		
	per lump sum		
1.24	Plumbing Fixtures		
	at _____ Dollars		
	and_____ Cents		
	per lump sum		
1.25	Automated Logic		
	at _____ Dollars		
	and_____ Cents		
	per lump sum		
1.26	Miscellaneous		
	at _____ Dollars		
	and_____ Cents		
	per lump sum		
BID SUMMARY			

BID SCHEDULE NO.:

TOTAL BID AMOUNT : _____

It is understood the quantities of work to be done at unit prices are approximate and are intended for bidding purposes only. Amounts are to be shown in both words and figures. In case of discrepancy the amount shown in words shall govern.

Owner reserves the right to delete certain items of work via a change order at the time of award of the contract to delete bid item quantities to reduce project cost within available funding at the time of award and execution of the contract.

Regional Park Headquarters
Bid Item Descriptions

BASE BID SCHEDULE NO. 1 (TRAIL SECTION 1 – STATIONS 75+00 TO 142+64.56)

Pay Item 1.01. **Mobilization/General Requirements of Contract:** This item covers the movement of personnel, construction equipment, and supplies to the project site or to the vicinity of the project site in order to enable the Contractor to begin work on the project. This items also includes any bonds, insurance, administrative and supervision, and temporary facilities to perform the contracted work.

Pay Item 1.02. **Compliance with SWPPP:** This item covers compliance with the Technical Specifications, Plans, preparation of the SWPPP, submittal of NOI, performance of inspections and maintainance records according to the SWPPP. This item covers the installation of temporary erosion control measures not specifically listed elsewhere as pay items but required in accordance with the SWPPP.

Pay Item 1.03. **Sitework:** This item covers all work required 5' and further from the building perimeter not already covered under other headings.

Pay Item 1.04. **Concrete:** This item covers foundations and all other concrete work performed under Division 3.

Pay Item 1.05. **Masonry:** This item covers the exterior stone veneer and all other masonry work performed under Division 4.

Pay Item 1.06. **Metals:** This item covers the roofing, flashing, and all other metal work performed under Division 5 and Division 7.

Pay Item 1.07. **Rough Carpentry:** This item covers the site framing and materials for rough carpentry performed under Division 6.

Pay Item 1.08. **Prefabricated Wood Trusses:** This item covers the roof trusses and installation performed under Division 6.

Pay Item 1.09. **Siding:** This item covers fiber cement siding, soffits, and cornice carpentry work labor and materials performed under Division 6.

Pay Item 1.10. **Finish Carpentry:** This item covers exposed wood trim and finish carpentry labor and materials performed under Division 6.

Pay Item 1.11. **Cabinetry:** This item covers cabinetry labor and materials performed under Division 6.

Pay Item 1.12. **Weatherproofing:** This item covers the waterproofing, insulation, and sealants labor and materials performed under Division 7.

Pay Item 1.13. **Doors and Windows:** This item covers the doors and windows labor and materials performed under Division 8.

Pay Item 1.14. **Wall and Ceiling Finishes:** This item covers the gypsum board and acoustical tile wall and ceiling finishes labor and materials performed under Division 9.

Pay Item 1.15. **Flooring:** This item covers the flooring performed under Division 9.

Pay Item 1.16. **Painting and Staining:** This item covers the painting and staining labor and materials performed under Division 9.

Pay Item 1.17. **Signage:** This item covers the signage performed under Division 10.

Pay Item 1.18. **Fire Extinguisher Cabinets:** This item covers the fire extinguisher cabinets labor and materials performed under Division 10.

Pay Item 1.19. **Toilet and Bath Accessories:** This item covers the toilet and bath accessories labor and materials performed under Division 10.

Pay Item 1.20. **Site Electrical:** This item covers all conduits, electrical, data, and low voltage scope to provide service outside of and up to the building materials and labor performed per the Electrical Construction Drawings.

Pay Item 1.21. **Building Electrical:** This item covers all electrical materials and labor within the building performed per the Electrical Construction Drawings.

Pay Item 1.22. **Mechanical:** This item covers the mechanical systems labor and materials performed per the Mechanical Construction Drawings.

Pay Item 1.23. **Plumbing Labor and Rough-Ins:** This item covers the plumbing labor and materials performed per the Plumbing Construction Drawings, but excludes Plumbing Fixtures.

Pay Item 1.24. **Plumbing Fixtures:** This item covers the plumbing fixtures required per the Plumbing Construction Drawings.

Pay Item 1.25. **Automated Logic:** This item covers the Automated Logic system materials and labor to Williamson County Specification as notated on the Electrical Construction Drawings.

Pay Item 1.26. **Miscellaneous:** This item covers all items required by the plans and specifications not reasonably attributable to Pay Items 1.01 through 1.19.

End of Bid Item Descriptions

Advertisment and Setting Dates of Asphalt Bids
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Brenda Fuller, Purchasing
Department: Purchasing
Agenda Category: Regular Agenda Items

Information

Agenda Item

Consider authorizing advertising and setting date of March 15, 2011 at 2:00 PM in the Purchasing Department to receive bids for Asphalt Mixes, Asphalt Cement and Cut Back, Asphalt Emulsions.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

Link: Asphalt Mixes
Link: Asphalt Cement and Cut Back
Link: Asphalt Emulsions

Form Routing/Status

Route Seq	Inbox	Approved By	Date	Status
1	Purchasing	Bob Space	02/17/2011 10:37 AM	APRV
2	County Judge Exec Asst.	Wendy Coco	02/17/2011 10:58 AM	APRV

Form Started By: Brenda Fuller — Started On: 02/16/2011 04:59 PM

Final Approval Date: 02/17/2011

WILLIAMSON COUNTY
PURCHASING DEPARTMENT
301 SE INNER LOOP - SUITE 106
GEORGETOWN, TEXAS 78626

http://wilco-online.org/ebids/bids.aspx

INVITATION FOR BIDS

ASPHALT MIXES FOR WILLIAMSON COUNTY UNIFIED ROAD AND BRIDGE SYSTEM

BID NUMBER: 11WCA042 B

BIDS MUST BE RECEIVED ON OR BEFORE: March 15, 2011 – 1:30 PM
BIDS WILL BE PUBLICLY OPENED: March 15, 2011 – 2:00 PM

BID SUBMISSION

DEADLINE: Bids must be received in the Williamson County Purchasing Department on or before **1:30 PM on Tuesday, March 15, 2011 Bids will be publicly opened at 2:00 PM or soon thereafter** in the Williamson County Purchasing Department, Williamson County Inner Loop Annex, 301 SE Inner Loop – Suite 106, Georgetown, Texas.

METHODS: Sealed bids may be hand-delivered or mailed to the *Williamson County Purchasing Department, Attn: Brenda Fuller, Williamson County Inner Loop Annex, 301 SE Inner Loop – Suite 106, Georgetown, Texas 78626.*

LOCATION DIRECTIONS: **Please see page 8 of this document for a map and directions to the Williamson County Inner Loop Annex.**

FAX/EMAIL: Facsimile and electronic mail transmittals are not acceptable

BID REQUIREMENTS

SUBMITTAL: DUPLICATE: Bids are to be submitted in duplicate (1 original complete bid set and 1 copy of the bid set). The bid sets should be marked "original" or "copy". A "bid set" consists of the COMPLETED AND SIGNED Bid Form and any other required documentation. All copies should have the same attachments as the original.

SEALED: All bids must be returned in a sealed envelope with the bidder's name, address, bid name, number, opening date and time clearly marked on the outside. **If an overnight delivery service is used**, the bidder's name, address, bid name, number, opening date and time should be clearly marked on the outside of the delivery service envelope.

REFERENCES: Williamson County may require bidder to supply, a list of at least three (3) references where like services have been supplied by their firm if vendor has not done business with the County in the last five (5) years. Include name of firm, address, telephone number and name of representative.

LEGIBLITY: Bids must be legible and of a quality that can be reproduced.

FORMS: All bids will be submitted on the forms provided in this bid document. Changes to bid forms made by bidders may disqualify the bid. Bids cannot be altered or amended after submission deadline.

LATE BID: Bids received after submission deadline will not be opened and will be considered void and unacceptable. Williamson County is not responsible for lateness of mail, courier service, etc.

RESPONSIBILITY: It is expected that a prospective bidder will be able to affirmatively demonstrate bidder's responsibility. A prospective bidder should be able to meet the following requirements:

a) have adequate financial resources, or the ability to obtain such resources as required;
b) be able to comply with the required or proposed delivery schedule;
c) have a satisfactory record of performance;
d) be otherwise qualified and eligible to receive an award.

Williamson County may request representation and other information sufficient to determine bidder's ability to meet these minimum standards listed above.

AWARD

THIRTY DAYS: Awards should be made approximately thirty (30) days after the bid opening date. Results may be obtained by contacting the Purchasing Contact.

REJECTION OR ACCEPTANCE: A primary, secondary, third, and fourth award ***may*** be made for this bid. Bids may be rejected for some items, departments or areas, even though awards are made for others. The convenience of having a single source for similar items will be taken into consideration together with price in determining the lowest and best bid.

It is understood that the Commissioners Court of Williamson County, Texas, reserves the right to accept or reject any and/or all bids for any or all materials and/or services covered in this bid request, and to waive informalities or defects in the bid or to accept such bid it shall deem to be in the best interest of Williamson County. In determining the overall best bid, the County may exercise either (or both) of the following options granted to local government's under the Texas Local Government Code.

Option 1 – TLGC § 271.905. This option allows the County to consider a bidder's principal business location in determining the overall lowest and best bid.

Option 2 – TLGC § 271.907. This option allows the County to evaluate bids and give preference to goods and/or services of a vendor that demonstrates that the vendor meets or exceeds any and all state or federal environmental standards, including voluntary standards, relating to air quality. If the bid being submitted will have an effect on air quality for Williamson County (as it relates to any state, federal, or voluntary air quality standard), then the bidder should provide information in narrative form indicating the anticipated air quality impact. Bidders are expected to meet all mandated state and federal air quality standards.

CONTRACT: This Bid, when properly accepted by Williamson County, shall constitute a contract equally binding between the successful bidder and Williamson County.

The successful bidder may be required to sign an additional agreement containing terms necessary to ensure compliance with the bid.

CONTRACT ADMINISTRATION: Under this contract, Greg Bergeron, Unified Road and Bridge System Director, Williamson County, shall be the contract administrator with designated responsibility to ensure compliance with contract requirements, such as but not limited to, acceptance, inspection and delivery. The contract administrator will serve as liaison between Williamson County Commissioner's Court and the successful bidder.

CONTRACT PERIOD(S): The Contract Period is from April 1, 2011 through September 30, 2011.

CONTRACT EXTENSIONS: At the end of the contract period, the Commissioners Court reserves the right to extend this contract, by mutual agreement of both parties, as it deems to be in the best interest of the county. This extension will be in six (6) month increments for up to an additional twelve (12) months, with the terms and conditions remaining the same. Any requested price adjustments must follow the economic adjustment clause in the bid documents. The total period of this contract, including all extensions will not exceed a maximum combined period of eighteen (18) months. The extension of this contract is contingent on the appropriation of necessary funds by Commissioner's Court for the fiscal year in question. Upon the failure of Commissioner's Court to so appropriate in any year, the Vendor may elect to terminate this agreement, with no additional liability to the County. The County and the Vendor agree that termination shall be the Vendor's sole remedy under this circumstance

ECONOMIC ADJUSTMENT: The awarded Vendor may submit a request for a contract pricing adjustment for approval by the County if the Vendor can show just cause substantiating an adjustment. The Vendor's request must include evidence in the form of a certified statement or affidavit from the supplier or manufacturer that explains the price adjustment, effective date, and any other details requested by the Purchasing Office.

An adjustment request will be effective after approval of Commissioner's Court. Until then the original contract pricing will remain unchanged. If an issue regarding an adjustment request is not resolved, the Purchasing Office reserves the right to seek competition from other sources.

Any materials or services delivered by a Vendor at a not agreed upon price are done so at the Vendors risk.

Pricing must remain firm for the first three (3) months of the initial contract period. Any price adjustment may not exceed ten (10) % of the previous price.

BID CONTACTS

PURCHASING CONTACT:

Brenda Fuller
301 SE Inner Loop – Suite 106
Georgetown, TX 78626
(512) 943-1607
brendafuller@wilco.org

TECHNICAL CONTACT:

Greg Bergeron
3151 SE Inner Loop – Suite B
Georgetown, TX 78626
(512) 943-3330
roads@wilco.org

MISCELLANEOUS

FOB DESTINATION: All of the items listed are to be Free On Board to final destination (FOB Destination) with all transportation charges if applicable to be included in the price, unless otherwise specified in the Invitation for Bids. The title and risk of loss of the goods shall not pass to the County until receipt and acceptance takes place at the FOB point.

FIRM PRICING: All of the items listed are to be on a "per unit" basis, stating a firm price per unit or unit quantity of each item. This price must be good from the date of bid opening for a fixed period of time. Unless the Bid expressly states otherwise, this period shall be until the end of the current fiscal year on September 30, 2011. Bids which do not state a fixed price, or which are subject to change without notice, will not be considered. The Court may award a contract for the period implied or expressly stated in the lowest and best bid, but for no longer than the current fiscal year.

ESTIMATED QUANTITIES: The estimated quantity of each item listed in the notice is only an estimate -- the actual quantity to be purchased may be more or less. The County is not obligated to purchase any minimum amount, and the County may purchase any reasonable amount greater than the estimate for the same unit price. Any limit on quantities available must be stated expressly in the bid.

FUNDING: Funds for payment have been provided through the Williamson County budget approved by Commissioners Court for the October 1, 2010 thru September 30, 2011 fiscal year.

SALES TAX: Williamson County is by statute, exempt from the State Sales Tax and Federal Excise Tax.

STATEMENTS: No oral statement of any person shall modify or otherwise change, or affect the terms, conditions, plans and/or specifications stated in the various Bid Packages and/or Bid Instructions/Requirements.

DELIVERY: The delivery time and location for the commodity and/or service covered by this bid shall be as stated in the various bid packages.

PURCHASE ORDER: If required by the Williamson County Purchasing Department a purchase order(s) may be generated to the successful bidder for products and/or services. If a purchase order is issued the purchase order number must appear on all itemized invoices and/or requests for payment.

PAYMENT: Payment shall be made by check from the County upon satisfactory completion and acceptance of items and submission of the Invoice to the ordering department for work specified by this Contract Document. All payments owed will be paid no later than thirty (30) days after the goods or services are received OR the date that the invoice is received by the Auditor's Office whichever is later. As a minimum, invoices shall include:

(1) Name, address, and telephone number of Vendor and similar information in the event the payment is to be made to a different address
(2) County contract, Purchase Order, and/or delivery order number
(3) Identification of items or service as outlined in the contract
(4) Quantity or quantities, applicable unit prices, total prices, and total amount
(5) Any additional payment information which may be called for by the contract

Payment inquiries should be directed to the Auditor's Office, Accounts Payable Department: Donna Baker, 943-1558.

CONFLICT OF INTEREST: No public official shall have interest in a contract, in accordance with Vernon's Texas Codes Annotated, Local Government Code Title 5, Subtitle C, Chapter 171.

As of January 1, 2008 Vendor's are responsible for complying with Local Government Code Title 5, Subtitle C, Chapter 176. Additional information may be obtained from the County website at the following link: http://www.wilco.org/CountyDepartments/Purchasing/ConflictofInterestDisclosure/tabid/689/language/en-US/Default.aspx

The Williamson County Conflict of Interest Statement is located on Page 7 of this Invitation for Bids. This form should be completed, signed, and submitted with your Bid.

ETHICS: The bidder shall not accept or offer gifts or anything of value nor enter into any business arrangement with any employee, official or agent of Williamson County.

DOCUMENTATION: Bidder shall provide with this bid response, all documentation required by this bid. Failure

to provide this information may result in rejection of the bid.

TERMINATION FOR CAUSE: In the event of breach or default of this contract or any other additional agreement containing terms necessary to ensure compliance with the Bidder's bid, Williamson County reserves the right to enforce the performance of this contract or any additional agreement by any manner prescribed by law or deemed to be in the best interest of Williamson County. At Williamson County's sole discretion, the Bidder may be given a reasonable opportunity to cure its breach or default prior to Williamson County's termination under this provision. Williamson County's option to offer time to cure a default or breach shall, however, in no way be construed as negating the basis for termination for non-performance.

SILENCE OF SPECIFICATIONS: The apparent silence of these specifications as to any detail or to the apparent omission from it of a detailed description concerning any point, shall be regarded as meaning that only the best practices are to prevail. All interpretations of these specifications shall be made on the basis of this statement.

COMPLIANCE WITH LAWS: The successful bidder shall comply with all applicable federal, state and local laws and regulations pertaining to the practice of the profession and the execution of duties under this bid including the TEXAS HAZARD COMMUNICATION ACT and THE WILLIAMSON COUNTY HAZARD COMMUNICATION PROGRAM POLICY.

WORKERS' COMPENSATION

This contract contemplates services that do not require worker's compensation insurance coverage. However, if it becomes necessary that the bidder provide services related to the project such as delivering equipment or materials, an amended contract will be executed which fully complies with the Texas Labor Code and the Division of Workers' Compensation requirements.

BID SPECIFICATIONS

All items must conform to TxDot 2004 Standard Specifications for Construction and Maintenance of Highways, Streets, and Bridges.

Items will be ordered on an "As Needed" basis.

The County is not obligated to purchase any minimum amount.

Testing may be performed at the request of Williamson County anytime during the length of the contract through an independent testing laboratory. Testing may be requested by the County on any and/or all items on this contract. If the results do not meet specifications, then the cost of the test will be absorbed by the successful bidder. If the results of the test meet specifications, then the cost will be borne by the County.

The bid analysis will include compliance to bid specifications, past performance with vendor, references, and the overall cost to Williamson County. The County reserves the right to consider deviations from these specifications.

A primary, secondary, tertiary and/or quaternary award ***may*** be made for this bid by the County.

It is expressly understood and agreed that in case Williamson County should need any item(s) not available within the time frame needed from the successful vendor(s) during the term of this contract, the County reserves the right to purchase the item(s) from other than the successful vendor(s) and shall not be in violation of any terms or conditions of said contract.

The County will award on a firm price "per unit" basis for a fixed six (6) month period. This price must be good from April 1, 2011 through September 30, 2011.

All items to be picked up by Williamson County. Vendor shall be located within 40 miles of the Williamson County Maintenance Facility located at 3101 Inner Loop, Georgetown, TX 78626.

Questions regarding this bid must be submitted in writing to Brenda Fuller at brendafuller@wilco.org by 5:00PM, Tuesday, March 8, 2011.
All questions and answers will be posted at http://wilco-online.org/ebids/bids.aspx .

WILLIAMSON COUNTY BID FORM

ASPHALT MIXES FOR WILLIAMSON COUNTY UNIFIED ROAD AND BRIDGE SYSTEM

BID NUMBER: 11WCA042

NAME OF BIDDER: _____

Mailing Address: _____

City: _____ State: _____ Zip:_____

Email Address: _____

Telephone: (_____) _____ Fax: (_____) _____

Mobile Phone: (_____) _____

ITEM #	DESCRIPTION	UNIT	UNIT PRICING
1	Hot Mix Asphalt Concrete,(Black Base) TxDot Item 340, Type A To reach 95% Lab density	Ton	
2	Hot Mix Asphalt Concrete, TxDot Item 340, Type C To reach 95% Lab density	Ton	
3	Hot Mix Asphalt Concrete, TxDot Item 340, Type D To reach 95% Lab density	Ton	
4	Hot Mix Asphalt Concrete, TxDot Item 340, Type F To reach 95% Lab density	Ton	
5	Hot Mix Cold Lay , TxDot Item 334, Type D To reach 95% Lab density	Ton	
6	Hot Mix Cold Lay Black Base, TxDot Item 334, Type A To reach 95% Lab density	Ton	

SPECIFY F.O.B. SITES. List F.O.B. Site as: G (Granger), F (Florence), LH (Liberty Hill), GT (Georgetown), T (Taylor)				
	TxDot Item 330, Limestone Rock Asphalt Black Base	F.O.B. STE	Unit	Unit Price
7	Type AA		Ton	
	Type A		Ton	
	Type B		Ton	
	Type C		Ton	
	Type CC		Ton	
	Type D		Ton	
8	TxDot Item 332, Limestone Rock Asphalt (Trap Mix)	F.O.B.SITE		
	Type BS		Ton	
	Type CS		Ton	
	Type DS		Ton	
	Type FS		Ton	

CHECK ONE OF THE FOLLOWING: ☐ low item basis. (Will accept award on "any or all" items.)

☐ "all or none" basis. (Will accept award of "all" items only. If left blank, low item will apply.)

By signing this form:

- The bidder confirms that he/she has read the entire document and agrees to the terms herein.
- The bidder is acknowledging the Conflict of Interest Clause and agrees to follow necessary requirements

The undersigned, by his/her signature, represents that he/she is authorized to bind the bidder to fully comply with the terms and conditions of the attached Invitation for Bid, Specifications, and Special Provisions for the amount(s) shown on the accompanying bid sheet(s).

_____ Date of Bid: _____

Signature of Person Authorized to Sign Bid

Printed Name and Title of Signer:_____

DO NOT SIGN OR SUBMIT WITHOUT READING ENTIRE DOCUMENT

THIS FORM MUST BE COMPLETED, SIGNED, AND RETURNED WITH BID



WILLIAMSON COUNTY CONFLICT OF INTEREST STATEMENT

I hereby acknowledge that I am aware of the Local Government Code of the State of Texas, Section 176.006 regarding conflicts of interest and will abide by all provisions as required by Texas law.

Printed name of person submitting form:
Name of Company:
Date:
Signature of person submitting form:

Notarized:

Sworn and subscribed before me by:_____ **on** _____**.** **(date)**

Williamson County
Inner Loop Annex

Address:

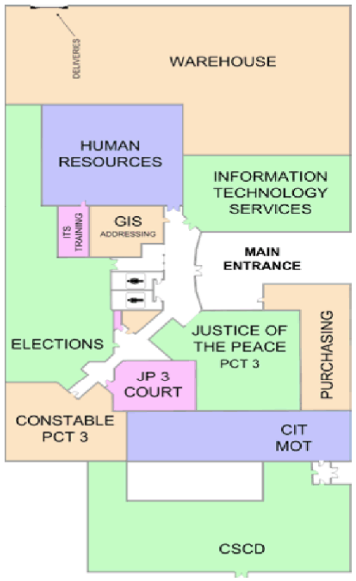
301 SE Inner Loop
Georgetown, TX 78626

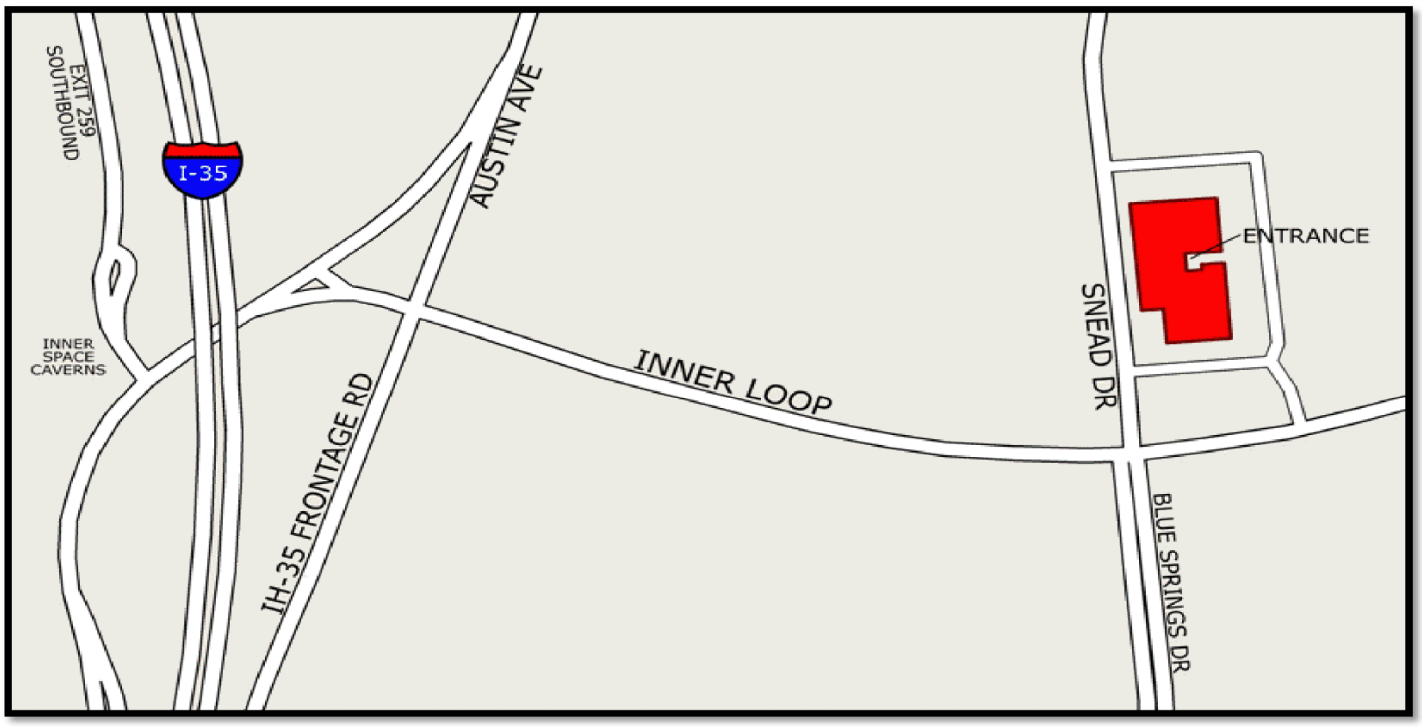
Directions:

From South (Austin, Round Rock)
Take IH-35 Northbound
Exit 259
Stay on frontage road for approximately 2 miles
At stop sign, go right on Inner Loop
Just past Snead Drive, the Inner Loop Annex is on the left
Main entrance is on the side of the building by the flagpoles

From North (Georgetown, Jarrell)
Take IH-35 Southbound
Exit 259
At stop sign, go left under the overpass
At stop stay straight onto Inner Loop
Just past Snead Drive, the Inner Loop Annex is on the left
Main entrance is on the side of the building by the flagpoles

INNER LOOP ANNEX FLOOR PLAN





WILLIAMSON COUNTY
PURCHASING DEPARTMENT
301 SE INNER LOOP - SUITE 106
GEORGETOWN, TEXAS 78626
http://wilco-online.org/ebids/bids.aspx

INVITATION FOR BIDS

ASPHALT CEMENT & CUT BACK ASPHALT FOR WILLIAMSON COUNTY UNIFIED ROAD AND BRIDGE SYSTEM

BID NUMBER: 11WCA043

BIDS MUST BE RECEIVED ON OR BEFORE: MARCH 15, 2011 – 1:30 PM
BIDS WILL BE PUBLICLY OPENED: MARCH 15, 2011 – 2:00 PM

BID SUBMISSION

DEADLINE: Bids must be received in the Williamson County Purchasing Department on or before 1**:30 PM on Tuesday, March 15, 2011. Bids will be publicly opened at 2:00 PM or soon thereafter** in the Williamson County Purchasing Department, Williamson County Inner Loop Annex, 301 SE Inner Loop – Suite 106, Georgetown, Texas.

METHODS: Sealed bids may be hand-delivered or mailed to the *Williamson County Purchasing Department, Attn: Brenda Fuller, Williamson County Inner Loop Annex, 301 SE Inner Loop – Suite 106, Georgetown, Texas 78626.*

LOCATION DIRECTIONS: **Please see page 8 of this document for a map and directions to the Williamson County Inner Loop Annex.**

FAX/EMAIL: Facsimile and electronic mail transmittals are not acceptable

BID REQUIREMENTS

SUBMITTAL: DUPLICATE: Bids are to be submitted in duplicate (1 original complete bid set and 1 copy of the bid set). The bid sets should be marked "original" or "copy". A "bid set" consists of the COMPLETED AND SIGNED Bid Form and any other required documentation. All copies should have the same attachments as the original.

SEALED: All bids must be returned in a sealed envelope with the bidder's name, address, bid name, number, opening date and time clearly marked on the outside. **If an overnight delivery service is used**, the bidder's name, address, bid name, number, opening date and time should be clearly marked on the outside of the delivery service envelope.

REFERENCES: Williamson County may require bidder to supply a list of at least three (3) references where like services have been supplied by their firm if the vendor has not done business within the past five (5) years. Include name of firm, address, telephone number and name of representative.

LEGIBLITY: Bids must be legible and of a quality that can be reproduced.

FORMS: All bids will be submitted on the forms provided in this bid document. Changes to bid forms made by bidders may disqualify the bid. Bids cannot be altered or amended after submission deadline.

LATE BID: Bids received after submission deadline will not be opened and will be considered void and unacceptable. Williamson County is not responsible for lateness of mail, courier service, etc.

RESPONSIBILITY: It is expected that a prospective bidder will be able to affirmatively demonstrate bidder's responsibility. A prospective bidder should be able to meet the following requirements:

a) have adequate financial resources, or the ability to obtain such resources as required;
b) be able to comply with the required or proposed delivery schedule;
c) have a satisfactory record of performance;
d) be otherwise qualified and eligible to receive an award.

Williamson County may request representation and other information sufficient to determine bidder's ability to meet these minimum standards listed above.

AWARD

THIRTY DAYS: Awards should be made approximately thirty (30) days after the bid opening date. Results maybe obtained by contacting the Purchasing Contact.

REJECTION OR ACCEPTANCE: A primary, secondary, third, and fourth award ***may*** be made for this bid. Bids may be rejected for some items, departments or areas, even though awards are made for others. The convenience of having a single source for similar items will be taken into consideration together with price in determining the lowest and best bid.

It is understood that the Commissioners Court of Williamson County, Texas, reserves the right to accept or reject any and/or all bids for any or all materials and/or services covered in this bid request, and to waive informalities or defects in the bid or to accept such bid it shall deem to be in the best interest of Williamson County. In determining the overall best bid, the County may exercise either (or both) of the following options granted to local government's under the Texas Local Government Code.

Option 1 – TLGC § 271.905. This option allows the County to consider a bidder's principal business location in determining the overall lowest and best bid.

Option 2 – TLGC § 271.907. This option allows the County to evaluate bids and give preference to goods and/or services of a vendor that demonstrates that the vendor meets or exceeds any and all state or federal environmental standards, including voluntary standards, relating to air quality. If the bid being submitted will have an effect on air quality for Williamson County (as it relates to any state, federal, or voluntary air quality standard), then the bidder should provide information in narrative form indicating the anticipated air quality impact. Bidders are expected to meet all mandated state and federal air quality standards

CONTRACT: This Bid, when properly accepted by Williamson County, shall constitute a contract equally binding between the successful bidder and Williamson County.

The successful bidder may be required to sign an additional agreement containing terms necessary to ensure compliance with the bid.

CONTRACT ADMINISTRATION: Under this contract, Greg Bergeron, Unified Road and Bridge System Director, Williamson County, shall be the contract administrator with designated responsibility to ensure compliance with contract requirements, such as but not limited to, acceptance, inspection and delivery. The contract administrator will serve as liaison between Williamson County Commissioner's Court and the successful bidder.

CONTRACT PERIOD(S): The Contract Period is from April 1, 2011 through September 30, 2011.

CONTRACT EXTENSIONS: At the end of the contract period, the Commissioners Court reserves the right to extend this contract, by mutual agreement of both parties, as it deems to be in the best interest of the county. This extension will be in six (6) month increments for up to an additional twelve (12) months, with the terms and conditions remaining the same. Any requested price adjustments must follow the economic adjustment clause in the bid documents. The total period of this contract, including all extensions will not exceed a maximum combined period of eighteen (18) months. The extension of this contract is contingent on the appropriation of necessary funds by Commissioner's Court for the fiscal year in question. Upon the failure of Commissioner's Court to so appropriate in any year, the Vendor may elect to terminate this agreement, with no additional liability to the County. The County and the Vendor agree that termination shall be the Vendor's sole remedy under this circumstance

ECONOMIC ADJUSTMENT: The awarded Vendor may submit a request for a contract pricing adjustment for approval by the County if the Vendor can show just cause substantiating an adjustment. The Vendor's request must include evidence in the form of a certified statement or affidavit from the supplier or manufacturer that explains the price adjustment, effective date, and any other details requested by the Purchasing Office.

An adjustment request will be effective after approval of Commissioner's Court. Until then the original contract pricing will remain unchanged. If an issue regarding an adjustment request is not resolved, the Purchasing Office reserves the right to seek competition from other sources.

Any materials or services delivered by a Vendor at a not agreed upon price are done so at the Vendors risk.

Pricing must remain firm for the first three (3) months of the initial contract period. Any price adjustment may not exceed ten (10) % of the previous price.

BID CONTACTS

PURCHASING CONTACT:

Brenda Fuller
301 SE Inner Loop – Suite 106
Georgetown, TX 78626
(512) 943-1607
brendafuller@wilco.org

TECHNICAL CONTACT:

Greg Bergeron
3151 SE Inner Loop – Suite B
Georgetown, TX 78626
(512) 943-3330
roads@wilco.org

MISCELLANEOUS

FOB DESTINATION: All of the items listed are to be Free On Board to final destination (FOB Destination) with all transportation charges if applicable to be included in the price, unless otherwise specified in the Invitation for Bids. The title and risk of loss of the goods shall not pass to the County until receipt and acceptance takes place at the FOB point.

FIRM PRICING: All of the items listed are to be on a "per unit" basis, stating a firm price per unit or unit quantity of each item. This price must be good from the date of bid opening for a fixed period of time. Unless the Bid expressly states otherwise, this period shall be until the end of the current fiscal year on September 30, 2011. Bids which do not state a fixed price, or which are subject to change without notice, will not be considered. The Court may award a contract for the period implied or expressly stated in the lowest and best bid, but for no longer than the current fiscal year.

ESTIMATED QUANTITIES: The estimated quantity of each item listed in the notice is only an estimate -- the actual quantity to be purchased may be more or less. The County is not obligated to purchase any minimum amount, and the County may purchase any reasonable amount greater than the estimate for the same unit price. Any limit on quantities available must be stated expressly in the bid.

FUNDING: Funds for payment have been provided through the Williamson County budget approved by Commissioners Court for the October 1, 2010 thru September 30, 2011 fiscal year.

SALES TAX: Williamson County is by statute, exempt from the State Sales Tax and Federal Excise Tax.

STATEMENTS: No oral statement of any person shall modify or otherwise change, or affect the terms, conditions, plans and/or specifications stated in the various Bid Packages and/or Bid Instructions/Requirements.

DELIVERY: The delivery time and location for the commodity and/or service covered by this bid shall be as stated in the various bid packages.

PURCHASE ORDER: If required by the Williamson County Purchasing Department a purchase order(s) may be generated to the successful bidder for products and/or services. If a purchase order is issued the purchase order number must appear on all itemized invoices and/or requests for payment.

PAYMENT: Payment shall be made by check from the County upon satisfactory completion and acceptance of items and submission of the Invoice to the ordering department for work specified by this Contract Document. All payments owed will be paid no later than thirty (30) days after the goods or services are received OR the date that the invoice is received by the Auditor's Office whichever is later. As a minimum, invoices shall include:

(1) Name, address, and telephone number of Vendor and similar information in the event the payment is to be made to a different address
(2) County contract, Purchase Order, and/or delivery order number
(3) Identification of items or service as outlined in the contract
(4) Quantity or quantities, applicable unit prices, total prices, and total amount
(5) Any additional payment information which may be called for by the contract

Payment inquiries should be directed to the Auditor's Office, Accounts Payable Department: Donna Baker, 943-1558.

CONFLICT OF INTEREST: No public official shall have interest in a contract, in accordance with Vernon's Texas Codes Annotated, Local Government Code Title 5, Subtitle C, Chapter 171.

As of January 1, 2006 Vendor's are responsible for complying with Local Government Code Title 5, Subtitle C, Chapter 176. Additional information may be obtained from the County website at the following link: http://www.wilco.org/CountyDepartments/Purchasing/ConflictofInterestDisclosure/tabid/689/language/en-US/Default.aspx.

The Williamson County Conflict of Interest Statement is located on Page 7 of this Invitation for Bids. This form should be completed, signed, and submitted with your Bid.

ETHICS: The bidder shall not accept or offer gifts or anything of value nor enter into any business arrangement with any employee, official or agent of Williamson County.

DOCUMENTATION: Bidder shall provide with this bid response, all documentation required by this bid. Failure to provide this information may result in rejection of the bid.

TERMINATION FOR CAUSE: In the event of breach or default of this contract or any other additional agreement containing terms necessary to ensure compliance with the Bidder's bid, Williamson County reserves the right to enforce the performance of this contract or any additional agreement by any manner prescribed by law

or deemed to be in the best interest of Williamson County. At Williamson County's sole discretion, the Bidder may be given a reasonable opportunity to cure its breach or default prior to Williamson County's termination under this provision. Williamson County's option to offer time to cure a default or breach shall, however, in no way be construed as negating the basis for termination for non-performance.

SILENCE OF SPECIFICATIONS: The apparent silence of these specifications as to any detail or to the apparent omission from it of a detailed description concerning any point, shall be regarded as meaning that only the best practices are to prevail. All interpretations of these specifications shall be made on the basis of this statement.

COMPLIANCE WITH LAWS: The successful bidder shall comply with all applicable federal, state and local laws and regulations pertaining to the practice of the profession and the execution of duties under this bid including the TEXAS HAZARD COMMUNICATION ACT and THE WILLIAMSON COUNTY HAZARD COMMUNICATION PROGRAM POLICY.

WORKERS' COMPENSATION

This contract contemplates services that do not require worker's compensation insurance coverage. However, if it becomes necessary that the bidder provide services related to the project such as delivering equipment or materials, an amended contract will be executed which fully complies with the Texas Labor Code and the Division of Workers' Compensation requirements.

BID SPECIFICATIONS

All items must conform to TxDot 2004 Standard Specifications for Construction and Maintenance of Highways, Streets, and Bridges.

All items will be ordered on an “As Needed” basis.

The County is not obligated to purchase any minimum amount.

Testing may be performed at the request of Williamson County anytime during the length of the contract through an independent testing laboratory. Testing may be requested by the County on any and/or all items on this contract. If the results do not meet specifications, then the cost of the test will be absorbed by the successful bidder. If the results of the test meet specifications, then the cost will be borne by the County.

The bid analysis will include compliance to bid specifications, past performance with vendor, references, and the overall cost to Williamson County. The County reserves the right to consider deviations from these specifications.

A primary, secondary, tertiary and/or quaternary award ***may*** be made for this bid by the County.

It is expressly understood and agreed that in case Williamson County should need any item(s) not available within the time frame needed from the successful vendor(s) during the term of this contract, the County reserves the right to purchase the item(s) from other than the successful vendor(s) and shall not be in violation of any terms or conditions of said contract.

The County will award on a firm price “per unit” basis for a fixed six (6) month period. This price must be good from April 1, 2011 through September 30, 2011.

Supplier shall furnish transport tanker that can be delivered to Williamson County and used to transport and store material from vendor’s plant. Supplier shall furnish a pump at the job site, if needed. Supplier shall be willing to allow Williamson County to return any unused material for full credit.

SPECIFY F.O.B. SITES.

Questions regarding this bid must be submitted in writing to Brenda Fuller at brendafuller@wilco.org by 5:00PM, Tuesday, March 8, 2011.
All questions and answers will be posted at http://wilco-online.org/ebids/bids.aspx .

WILLIAMSON COUNTY BID FORM

ASPHALT CEMENT & CUT BACK ASPHALT FOR WILLIAMSON COUNTY UNIFIED ROAD AND BRIDGE SYSTEM

BID NUMBER: 11WCA043

NAME OF BIDDER: _____

Mailing Address: _____

City: _____ State: _____ Zip:_____

Email Address: _____

Telephone: (_____) _____ Fax: (_____) _____

Mobile Phone: (_____) _____

SPECIFY F.O.B. SITES.

ITEM #	DESCRIPTION	F.O.B. SITE	UNIT	UNIT PRICE
1	AC-5 TxDot Item 300.2, Table 2		Gal	
2	AC-10 TxDot Item 300.2, Table 2		Gal	
3	RC-250 TxDot Item 300.2, Table 4		Gal	
4	MC-30 TxDot Item 300.2, Table 5		Gal	
5	Pump Charge			

CHECK ONE OF THE FOLLOWING:

☐ low item basis. (Will accept award on "any or all" items.)

☐ "all or none" basis. (Will accept award of "all" items only. If left blank, low item will apply.)

By signing this form:

- The bidder confirms that he/she has read the entire document and agrees to the terms herein.
- The bidder is acknowledging the Conflict of Interest Clause and agrees to follow necessary requirements

The undersigned, by his/her signature, represents that he/she is authorized to bind the bidder to fully comply with the terms and conditions of the attached Invitation for Bid, Specifications, and Special Provisions for the amount(s) shown on the accompanying bid sheet(s).

_____ Date of Bid: _____

Signature of Person Authorized to Sign Bid

Printed Name and Title of Signer:_____

DO NOT SIGN OR SUBMIT WITHOUT READING ENTIRE DOCUMENT

THIS FORM MUST BE COMPLETED, SIGNED, AND RETURNED WITH BID

WILLIAMSON COUNTY CONFLICT OF INTEREST STATEMENT

I hereby acknowledge that I am aware of the Local Government Code of the State of Texas, Section 176.006 regarding conflicts of interest and will abide by all provisions as required by Texas law.

Printed name of person submitting form:
Name of Company:
Date:
Signature of person submitting form:

Notarized:

Sworn and subscribed before me by:_____ **on** _____**.** **(date)**

Williamson County
Inner Loop Annex

Address:

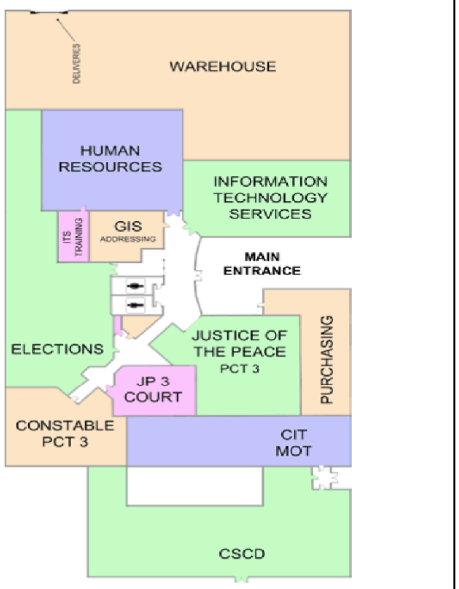
301 SE Inner Loop
Georgetown, TX 78626

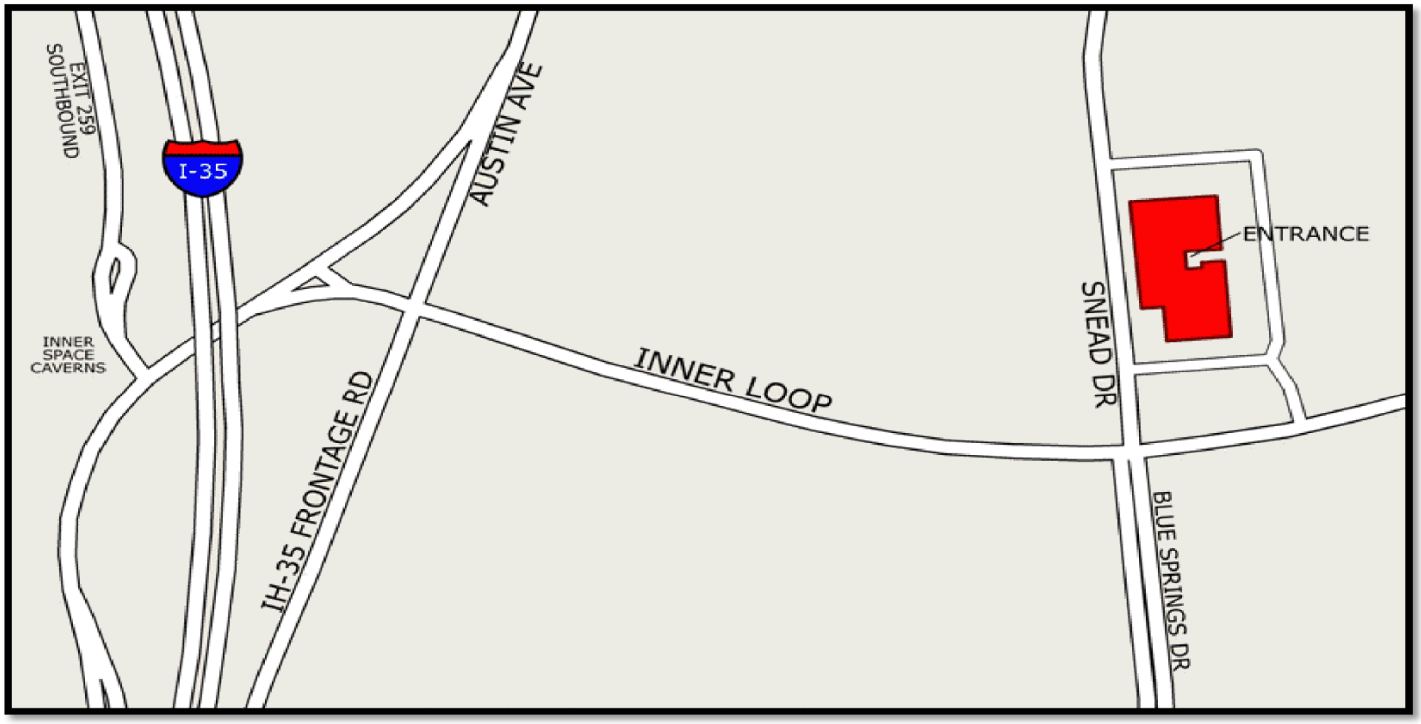
Directions:

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Main entrance is on the side of the building by the flagpoles

INNER LOOP ANNEX FLOOR PLAN





WILLIAMSON COUNTY
PURCHASING DEPARTMENT
301 SE INNER LOOP - SUITE 106
GEORGETOWN, TEXAS 78626

http://wilco-online.org/ebids/bids.aspx

INVITATION FOR BIDS

ASPHALT EMULSIONS FOR WILLIAMSON COUNTY UNIFIED ROAD AND BRIDGE SYSTEM

BID NUMBER: 11WCA044

BIDS MUST BE RECEIVED ON OR BEFORE: March 15, 2011 – 1:30 PM

BIDS WILL BE PUBLICLY OPENED: March 15, 2011 – 2:00 PM

BID SUBMISSION

DEADLINE: Bids must be received in the Williamson County Purchasing Department on or before **1:30 PM on Tuesday March 15, 2011**. **Bids will be publicly opened at 2:00 PM or soon thereafter** in the Williamson County Purchasing Department, Williamson County Inner Loop Annex, 301 SE Inner Loop – Suite 106, Georgetown, Texas.

METHODS: Sealed bids may be hand-delivered or mailed to the *Williamson County Purchasing Department, Attn: Brenda Fuller, Williamson County Inner Loop Annex, 301 SE Inner Loop – Suite 106, Georgetown, Texas 78626.*

LOCATION DIRECTIONS: **Please see page 9 of this document for a map and directions to the Williamson County Inner Loop Annex.**

FAX/EMAIL: Facsimile and electronic mail transmittals are not acceptable

BID REQUIREMENTS

SUBMITTAL: DUPLICATE: Bids are to be submitted in duplicate (1 original complete bid set and 1 copy of the bid set). The bid sets should be marked "original" or "copy". A "bid set" consists of the COMPLETED AND SIGNED Bid Form and any other required documentation. All copies should have the same attachments as the original.

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LEGIBLITY: Bids must be legible and of a quality that can be reproduced.

FORMS: All bids will be submitted on the forms provided in this bid document. Changes to bid forms made by bidders may disqualify the bid. Bids cannot be altered or amended after submission deadline.

LATE BID: Bids received after submission deadline will not be opened and will be considered void and unacceptable. Williamson County is not responsible for lateness of mail, courier service, etc.

RESPONSIBILITY: It is expected that a prospective bidder will be able to affirmatively demonstrate bidder's responsibility. A prospective bidder should be able to meet the following requirements:

a) have adequate financial resources, or the ability to obtain such resources as required;
b) be able to comply with the required or proposed delivery schedule;
c) have a satisfactory record of performance;
d) be otherwise qualified and eligible to receive an award.

Williamson County may request representation and other information sufficient to determine bidder's ability to meet these minimum standards listed above.

AWARD

THIRTY DAYS: Awards should be made approximately thirty (30) days after the bid opening date. Results may be obtained by contacting the Purchasing Contact.

REJECTION OR ACCEPTANCE: A primary, secondary, third, and fourth award ***may*** be made for this bid. Bids may be rejected for some items, departments or areas, even though awards are made for others. The convenience of having a single source for similar items will be taken into consideration together with price in determining the lowest and best bid.

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Option 2 – TLGC § 271.907. This option allows the County to evaluate bids and give preference to goods and/or services of a vendor that demonstrates that the vendor meets or exceeds any and all state or federal environmental standards, including voluntary standards, relating to air quality. If the bid being submitted will have an effect on air quality for Williamson County (as it relates to any state, federal, or voluntary air quality standard), then the bidder should provide information in narrative form indicating the anticipated air quality impact. Bidders are expected to meet all mandated state and federal air quality standards.

CONTRACT: This Bid, when properly accepted by Williamson County, shall constitute a contract equally binding between the successful bidder and Williamson County.

The successful bidder may be required to sign an additional agreement containing terms necessary to ensure compliance with the bid.

CONTRACT ADMINISTRATION: Under this contract, Greg Bergeron, Unified Road and Bridge System Director, Williamson County, shall be the contract administrator with designated responsibility to ensure compliance with contract requirements, such as but not limited to, acceptance, inspection and delivery. The contract administrator will serve as liaison between Williamson County Commissioner's Court and the successful bidder.

CONTRACT PERIOD(S): The Contract Period is from April 1, 2011 through September 30, 2011.

CONTRACT EXTENSIONS: At the end of the contract period, the Commissioners Court reserves the right to extend this contract, by mutual agreement of both parties, as it deems to be in the best interest of the county. This extension will be in six (6) month increments for up to an additional twelve (12) months, with the terms and conditions remaining the same. Any requested price adjustments must follow the economic adjustment clause in the bid documents. The total period of this contract, including all extensions will not exceed a maximum combined period of eighteen (18) months. The extension of this contract is contingent on the appropriation of necessary funds by Commissioner's Court for the fiscal year in question. Upon the failure of Commissioner's Court to so appropriate in any year, the Vendor may elect to terminate this agreement, with no additional liability to the County. The County and the Vendor agree that termination shall be the Vendor's sole remedy under this circumstance

ECONOMIC ADJUSTMENT: The awarded Vendor may submit a request for a contract pricing adjustment for approval by the County if the Vendor can show just cause substantiating an adjustment. The Vendor's request must include evidence in the form of a certified statement or affidavit from the supplier or manufacturer that explains the price adjustment, effective date, and any other details requested by the Purchasing Office.

An adjustment request will be effective after approval of Commissioner's Court. Until then the original contract pricing will remain unchanged. If an issue regarding an adjustment request is not resolved, the Purchasing Office reserves the right to seek competition from other sources.

Any materials or services delivered by a Vendor at a not agreed upon price are done so at the Vendors risk.

Pricing must remain firm for the first three (3) months of the initial contract period. Any price adjustment may not exceed ten (10) % of the previous price.

BID CONTACTS

PURCHASING CONTACT:

Brenda Fuller
301 SE Inner Loop – Suite 106
Georgetown, TX 78626
(512) 943-1607
brendafuller@wilco.org

TECHNICAL CONTACT:

Greg Bergeron
3151 SE Inner Loop – Suite B
Georgetown, TX 78626
(512) 943-3330
roads@wilco.org

MISCELLANEOUS

FOB DESTINATION: All of the items listed are to be Free On Board to final destination (FOB Destination) with all transportation charges if applicable to be included in the price, unless otherwise specified in the Invitation for Bids. The title and risk of loss of the goods shall not pass to the County until receipt and acceptance takes place at the FOB point.

FIRM PRICING: All of the items listed are to be on a "per unit" basis, stating a firm price per unit or unit quantity of each item. This price must be good from the date of bid opening for a fixed period of time. Unless the Bid expressly states otherwise, this period shall be until the end of the current fiscal year on September 30, 2011. Bids which do not state a fixed price, or which are subject to change without notice, will not be considered. The Court may award a contract for the period implied or expressly stated in the lowest and best bid, but for no longer than the current fiscal year.

ESTIMATED QUANTITIES: The estimated quantity of each item listed in the notice is only an estimate -- the actual quantity to be purchased may be more or less. The County is not obligated to purchase any minimum amount, and the County may purchase any reasonable amount greater than the estimate for the same unit price. Any limit on quantities available must be stated expressly in the bid.

FUNDING: Funds for payment have been provided through the Williamson County budget approved by Commissioners Court for the October 1, 2010 thru September 30, 2011 fiscal year.

SALES TAX: Williamson County is by statute, exempt from the State Sales Tax and Federal Excise Tax.

STATEMENTS: No oral statement of any person shall modify or otherwise change, or affect the terms, conditions, plans and/or specifications stated in the various Bid Packages and/or Bid Instructions/Requirements.

DELIVERY: The delivery time and location for the commodity and/or service covered by this bid shall be as stated in the various bid packages.

PURCHASE ORDER: If required by the Williamson County Purchasing Department a purchase order(s) may be generated to the successful bidder for products and/or services. If a purchase order is issued the purchase order number must appear on all itemized invoices and/or requests for payment.

PAYMENT: Payment shall be made by check from the County upon satisfactory completion and acceptance of items and submission of the Invoice to the ordering department for work specified by this Contract Document. All payments owed will be paid no later than thirty (30) days after the goods or services are received OR the date that the invoice is received by the Auditor's Office whichever is later. As a minimum, invoices shall include:

(1) Name, address, and telephone number of Vendor and similar information in the event the payment is to be made to a different address
(2) County contract, Purchase Order, and/or delivery order number
(3) Identification of items or service as outlined in the contract
(4) Quantity or quantities, applicable unit prices, total prices, and total amount
(5) Any additional payment information which may be called for by the contract

Payment inquiries should be directed to the Auditor's Office, Accounts Payable Department: Donna Baker, 943-1558.

CONFLICT OF INTEREST: No public official shall have interest in a contract, in accordance with Vernon's Texas Codes Annotated, Local Government Code Title 5, Subtitle C, Chapter 171.

As of January 1, 2006 Vendor's are responsible for complying with Local Government Code Title 5, Subtitle C, Chapter 176. Additional information may be obtained from the County website at the following link: http://www.wilco.org/CountyDepartments/Purchasing/ConflictofInterestDisclosure/tabid/689/language/en-US/Default.aspx.

The Williamson County Conflict of Interest Statement is located on Page 8 of this Invitation for Bids. This form should be completed, signed, and submitted with your Bid.

ETHICS: The bidder shall not accept or offer gifts or anything of value nor enter into any business arrangement with any employee, official or agent of Williamson County.

DOCUMENTATION: Bidder shall provide with this bid response, all documentation required by this bid. Failure to provide this information may result in rejection of the bid.

TERMINATION FOR CAUSE: In the event of breach or default of this contract or any other additional agreement containing terms necessary to ensure compliance with the Bidder's bid, Williamson County reserves the right to enforce the performance of this contract or any additional agreement by any manner prescribed by law or deemed to be in the best interest of Williamson County. At Williamson County's sole discretion, the Bidder may be given a reasonable opportunity to cure its breach or default prior to Williamson County's termination under this provision. Williamson County's option to offer time to cure a default or breach shall, however, in no way be construed as negating the basis for termination for non-performance.

SILENCE OF SPECIFICATIONS: The apparent silence of these specifications as to any detail or to the apparent omission from it of a detailed description concerning any point, shall be regarded as meaning that only the best practices are to prevail. All interpretations of these specifications shall be made on the basis of this statement.

COMPLIANCE WITH LAWS: The successful bidder shall comply with all applicable federal, state and local laws and regulations pertaining to the practice of the profession and the execution of duties under this bid including the TEXAS HAZARD COMMUNICATION ACT and THE WILLIAMSON COUNTY HAZARD COMMUNICATION PROGRAM POLICY.

WORKERS' COMPENSATION

This contract contemplates services that do not require worker's compensation insurance coverage. However, if it becomes necessary that the bidder provide services related to the project such as delivering equipment or materials, an amended contract will be executed which fully complies with the Texas Labor Code and the Division of Workers' Compensation requirements.

BID SPECIFICATIONS

All items must conform to TxDot 2004 Standard Specifications for Construction and Maintenance of Highways, Streets, and Bridges.

All items will be ordered on an "As Needed" basis.

The County is not obligated to purchase any minimum amount.

Testing may be performed at the request of Williamson County anytime during the length of the contract through an independent testing laboratory. Testing may be requested by the County on any and/or all items on this contract. If the results do not meet specifications, then the cost of the test will be absorbed by the successful bidder. If the results of the test meet specifications, then the cost will be borne by the County.

The bid analysis will include compliance to bid specifications, past performance with vendor, references, and the overall cost to Williamson County. The County reserves the right to consider deviations from these specifications.

A primary, secondary, tertiary and/or quaternary award ***may*** be made for this bid by the County.

It is expressly understood and agreed that in case Williamson County should need any item(s) not available within the time frame needed from the successful vendor(s) during the term of this contract, the County reserves the right to purchase the item(s) from other than the successful vendor(s) and shall not be in violation of any terms or conditions of said contract.

The County will award on a firm price "per unit" basis for a fixed six (6) month period.
This price must be good from April 1, 2011 through September 30, 2011.

SPECIFY F.O.B. SITES.

Questions regarding this bid must be submitted in writing to Brenda Fuller at brendafuller@wilco.org by 5:00PM, Tuesday, March 8, 2011.
All questions and answers will be posted at http://wilco-online.org/ebids/bids.aspx .

ASPHALT REJUVENATION SPECIFICATIONS:

The Rejuvenator" is a cold recycling asphalt emulsion designed to restore old asphalt road base.

Specifications:

The rejuvenator meets all TxDOT specifications for TxDOT Item 300.2(9)

Test Property		Min	Max
Viscosity	ASTM D244	15	100
Sieve	ASTM D244	0.10 %(=.001)	
Miscibility	TEX-521-C	No Coagulation.	
Color		Brown turns Black	
Residue by Distillation ASTM D244		63	

Test on Residue:

Flash Point	C.O.C. F	400	
Penetration		80	120

ASPHALT EMULSION STABILIZER:

"The Stabilizer" is an asphalt emulsion that binds the road base together.

Specifications:

The stabilizer meets all TxDOT specifications for TxDOT Item 314.
Containing 0% Oil in Distillate (no V.O.C.'s)

Tests per ASDM 244	Min	Max
Viscosity	20	100
Sieve	0.1 %(=.001)	
Storage Stability 1 day %		1%
Residue by Distillation	60	68
Solubility in Trichloroethylene%	97.5%	
Ductility	80	
Color	Brown turns Black	

Asphaltene, Resins, Cyclics, saturates content must be specifically formulated based on laboratory data of existing material in relation to rejuvenation demand and any added R.A.P. material.

Laboratory tests will be taken of streets to be recycled; data must be included with the bid. Application rates of the recycling agent must be determined by lab test and data before starting every recycle job. Lab test data will become property of the Road & Bridge District.

Supplier shall furnish transport tanker that can be delivered to Williamson County and used to transport and store material from vendor's plant. Supplier shall furnish a pump at the job site, if needed. Supplier shall be willing to allow Williamson County to return any unused material for full credit.

All costs for testing and supervision shall be paid by the supplier. Supplier shall furnish a sample of lab test data for the recycling agent as related to sample street. At the time of bidding Supplier shall furnish a list with names and phone numbers of three agencies whose approval of his product has been obtained and who can verify satisfactory results. Literature describing the product shall be included at the time of bidding.

WILLIAMSON COUNTY BID FORM

ASPHALT EMULSIONS FOR WILLIAMSON COUNTY
UNIFIED ROAD AND BRIDGE SYSTEM

BID NUMBER: 11WCA044

NAME OF BIDDER: _____

Mailing Address: _____

City: _____ State: _____ Zip:_____

Email Address: _____

Telephone: (_____) _____ Fax: (_____) _____

Mobile Phone: (_____) _____

SPECIFY F.O.B. SITES.

ITEM #	DESCRIPTION	F.O.B. SITE	UNIT	UNIT PRICE
1	HFRS-2 TxDot Item 300.2, Table 7		Gal	
2	CRS-2, TxDot Item 300.2, Table 8		Gal	
3	HFRS-2P TxDot Item 300.2, Table 9		Gal	
4	CRS-2P TxDot Item 300.2, Table 9		Gal	
5	SS-1 Emulsion TxDot Item 300.2, Table 7		Gal	
6	RS-1P Emulsion TxDot Item 300.2, Table 9		Gal	
7	Asphalt Rejuvenation Agent (see above)		Gal	
8	Asphalt Emulsion Stabilizer (see above)		Gal	
9	Pump Charge			

CHECK ONE OF THE FOLLOWING:

☐ low item basis. (Will accept award on "any or all" items.)

☐ "all or none" basis. (Will accept award of "all" items only. If left blank, low item will apply.)

By signing this form:

- The bidder confirms that he/she has read the entire document and agrees to the terms herein.
- The bidder is acknowledging the Conflict of Interest Clause and agrees to follow necessary requirements

The undersigned, by his/her signature, represents that he/she is authorized to bind the bidder to fully comply with the terms and conditions of the attached Invitation for Bid, Specifications, and Special Provisions for the amount(s) shown on the accompanying bid sheet(s).

_____ Date of Bid: _____

Signature of Person Authorized to Sign Bid

Printed Name and Title of Signer:_____

DO NOT SIGN OR SUBMIT WITHOUT READING ENTIRE DOCUMENT

THIS FORM MUST BE COMPLETED, SIGNED, AND RETURNED WITH BID

WILLIAMSON COUNTY CONFLICT OF INTEREST STATEMENT

I hereby acknowledge that I am aware of the Local Government Code of the State of Texas, Section 176.006 regarding conflicts of interest and will abide by all provisions as required by Texas law.

Printed name of person submitting form:
Name of Company:
Date:
Signature of person submitting form:

Notarized:

Sworn and subscribed before me by:_____ **on** _____**.** **(date)**

Williamson County
Inner Loop Annex

Address:

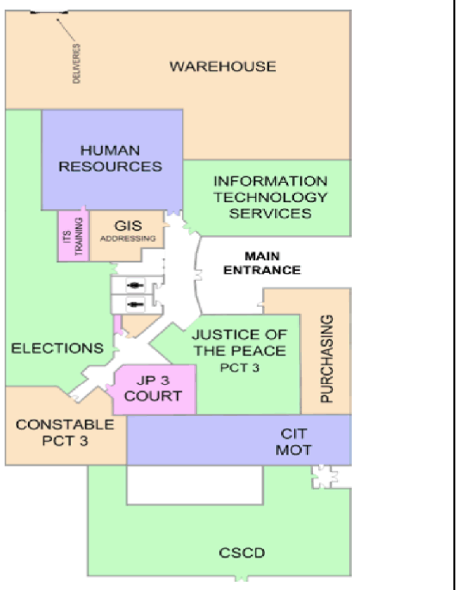
301 SE Inner Loop
Georgetown, TX 78626

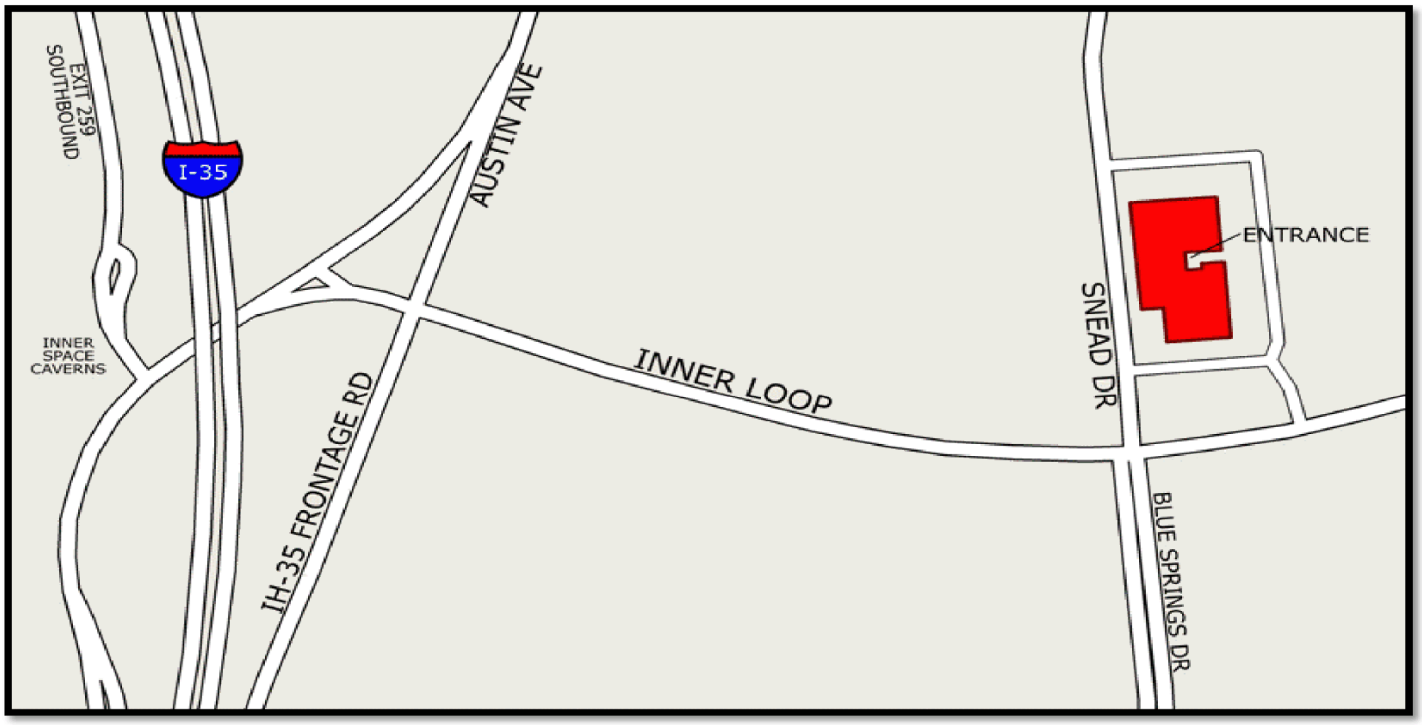
Directions:

From South (Austin, Round Rock)
Take IH-35 Northbound
Exit 259
Stay on frontage road for approximately 2 miles
At stop sign, go right on Inner Loop
Just past Snead Drive, the Inner Loop Annex is on the left
Main entrance is on the side of the building by the flagpoles

From North (Georgetown, Jarrell)
Take IH-35 Southbound
Exit 259
At stop sign, go left under the overpass
At stop stay straight onto Inner Loop
Just past Snead Drive, the Inner Loop Annex is on the left
Main entrance is on the side of the building by the flagpoles

INNER LOOP ANNEX FLOOR PLAN





Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Wendy Coco, County Judge
Department: County Judge
Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss and take appropriate action on an amendment to a lease between Carquest and Williamson County regarding the property located at 909 Austin Avenue, Georgetown, Texas 78626.

Background

The time allowed for Carquest to exercise its right to extend was extended this past January 4th to allow time to negotiate this amendment. The current term of the lease ends June 30, 2011. In the proposed Amendment and Extension Agreement, Carquest is exercising its option to extend the lease for an additional three years (Option #1). Such extension will have an effective date of January 1, 2011. Should Carquest elect to exercise its last option period (option period for two additional years), they must do so in 2014.

Hal Hawes, Legal Advisor, is of the opinion that agreeing to this amendment places Williamson County in a more flexible position than it is currently in when considering the terms of the current lease allows for a two five year options periods. The county purchased the property subject to this lease and the county really does not have any right or ability to terminate the lease short of a default committed by Carquest. As noted above, if the county chose not to agree to this amendment, Carquest has a legal right per the terms of the original lease to lease the property for an additional ten years.

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

Link: Carquest Lease

Form Routing/Status

Form Started By: Wendy Coco
Started On: 02/18/2011 02:57 PM
Final Approval Date: 02/18/2011

FIRST AMENDMENT AND EXTENSION OF LEASE

(909 Austin Ave. Georgetown, TX)

THIS AGREEMENT made and entered into as of _____, 2011 by and between **WILLIAMSON COUNTY, TEXAS** (hereinafter "Landlord"), whose address is 710 South Main St. Suite 101 Georgetown, TX 78626 and **STRAUS FRANK ENTERPRISES LLC**, successor in interest to Strafco, Inc. (hereinafter "Tenant"), whose address is 2635 E. Millbrook Road, Raleigh, NC 27604.

WITNESSETH:

That certain Lease by and between the parties dated June 1, 2006, as subsequently assigned to Williamson County (hereinafter, collectively the "Lease"), on that certain property known as 909 Austin Ave. Georgetown, TX 78626 and consisting of approximately 5,700 square feet (the "Premises") is further amended, revised, and extended as follows:

1. The Option Terms as referenced in Section 11.9 (Options) shall be amended as follows:

OPTION PERIOD	TERM	RENT PER MONTH
# 1	7/01/2011 to 6/30/2014	$5,500.00
# 2	7/01/2014 to 6/30/2016	$5,744.20

2. Tenant hereby exercises its option to extend the Lease pursuant to Option Period #1 above.

3. This Amendment and Extension of Lease shall be incorporated into and made part of the Lease, and except as hereinabove expressly amended, the terms and provisions of the Lease remain in full force and effect, and the same are hereby expressly ratified. In the event of any inconsistencies, this Agreement shall prevail over any conflicting provisions of the Lease or previously signed amendments.

4. This Amendment and Extension of Lease shall be binding upon and inure to the benefit of the parties hereto and their respective heirs, executors, administrators, successors, and permitted assigns. Landlord represents and warrants it knows of no third party approvals required to entire into this Amendment.

IN WITNESS WHEREOF, and intending to be legally bound, Tenant and Landlord have executed this Agreement in duplicate originals, as of the day and year first above written.

WITNESS:

_____

LANDLORD: **WILLIAMSON COUNTY, TEXAS**

By: _____

Print Name: _____
Title: _____

WITNESS:

_____

TENANT: **GENERAL PARTS DISTRIBUTION LLC**

By:_____

Print Name: Gerald E. Colley
Title: Executive Vice President

Discuss Real Estate Matters
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Charlie Crossfield, Road Bond
Submitted For: Charlie Crossfield
Department: Road Bond
Agenda Category: Executive Session

Information

Agenda Item

Discuss real estate matters (EXECUTIVE SESSION as per VTCA Govt. Code sec. 551.0721 Deliberation Regarding Real Estate Property if deliberation in an open meeting would have a detrimental effect on the position of the governmental body in negotiations with third person.)

1. Proposed or potential purchase of lease of property by the County:

a) Discuss proposed acquisition of property for right-of-way for SH 195 0.805 South of Bell County Line to IH 35.

b) Discuss proposed acquisition of property for right-of-way for O'Connor Boulevard and 620 project.

c) Discuss proposed acquisition of property for right-of-way for Ronald Reagan Blvd. Phase II project from FM 3405 to Reagan Blvd.

d) Discuss proposed acquisition of property for right-of-way for Ronald Reagan Blvd. Phase III and Phase IV.

e) Discuss proposed acquisition of property for proposed SH 29 Safety Improvement project.

f) Discuss proposed acquisition of property for right-of-way along Lakeline extension.

g) Discuss proposed acquisition of property for right-of-way along SW By-Pass.

h) Discuss proposed acquisition of property for right-of-way along Pearson and Neenah.

i) Discuss proposed Northwoods Road District.

j) Discuss conveyance of University Boulevard right-of-way.

k) Discuss proposed acquisition of property for right-of-way for US 79 Section 3 from East of Hutto to CR 402.

l) Discuss proposed realignment project along FM 1660.

m) Discuss proposed acquisition of property for right-of-way along Pond Springs Road.

n) Discuss proposed acquisition of property for right-of-way along Chandler III A.

o) Discuss proposed acquisition of property for right-of-way for US 183 Extension from 1,000 feet South of San Gabriel to 1,000 feet North of SH 29.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

No file(s) attached.

Form Routing/Status

Form Started By: Charlie Crossfield	Started On: 02/17/2011 10:02 AM
Final Approval Date: 02/17/2011	

Discuss Pending or Contemplated Litigation
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Charlie Crossfield, Road Bond
Submitted For: Charlie Crossfield
Department: Road Bond
Agenda Category: Executive Session

Information

Agenda Item

Discuss pending or contemplated litigation, settlement matters and other confidential attorney-client legal matters (EXECUTIVE SESSION as per VTCA Govt. Code sec. 551.071 consultation with attorney.), including the following:

a) Cause No. 10-1166-C277; GTE Southwest Incorporated d/b/a Verizon Southwest vs. Williamson County, in the District Court of Williamson County, Texas, 277th Judicial District.

Background

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

No file(s) attached.

Form Routing/Status

Form Started By: Charlie Crossfield	Started On: 02/17/2011 10:06 AM
Final Approval Date: 02/17/2011	

Capital Projects/Financing Workshop
Commissioners Court - Regular Session

Date: 02/22/2011
Submitted By: Julie Kiley, County Auditor
Department: County Auditor
Agenda Category: Regular Agenda Items

Information

Agenda Item

Discuss and take appropriate action on Capital Projects/Financing Workshop.

Background

Dan Wegmiller will provide an update to the Financing Plan as it pertains to the market and issuing Bonds. Mike Weaver will provide and update on present and future Capital Road Plan.

Fiscal Impact

From/To	Acct No.	Description	Amount	Sort Seq

Attachments

No file(s) attached.

Form Routing/Status

Form Started By: Julie Kiley Started On: 02/15/2011 12:57 PM

Final Approval Date: 02/16/2011