



AIA Document G701™ – 2017

Change Order

PROJECT: (Name and address)
Williamson County
Animal Shelter Expansion
1855 SE Inner Loop
Georgetown, TX 78626

CONTRACT INFORMATION:
Contract For: General Construction

CHANGE ORDER INFORMATION:
Change Order Number: 003

Date: 1/8/18

Date: 5/31/18

OWNER: (Name and address)
Williamson County, Texas
710 Main Street, Suite 101
Georgetown, TX 78626

ARCHITECT: (Name and address)
Jackson & Ryan Architects
2370 Rice Boulevard, Suite 210
Houston, TX 77005

CONTRACTOR: (Name and address)
J.T. Vaughn Construction, LLC
10355 Westpark Drive
Houston, TX 77042

THE CONTRACT IS CHANGED AS FOLLOWS:

(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.)

Change Order No. 3 includes the below listed Vaughn Change Proposals # 11-#17. For Vaughn Project No. 2491-01.

- CP No. 11 - Provide Demo and Retile a Portion of the Main Building Lobby Floor Per RFI 038
- CP No. 12 - Provide Retaining Wall Revisions Per RFI 026
- CP No. 13 - Provide Green Screen Detail Revisions Per RFI 026
- CP No. 14 - Provide Revisions to the Canopy Hood Per Jackson & Ryan's ASI 003 Dated 4/5/18
- CP No. 15 - Provide Overtime Hours For Electrical Shutdown For Duct Back Conflict
- CP No. 16 - Provide Adding Disconnects, Fuses and Unistrut Per RFI 30
- CP No. 17 - Provide Adding Disconnects, Fuses and Unistrut Per ASI 002

The original Contract Sum was	\$ 9,499,295.00
The net change by previously authorized Change Orders	\$ 0.00
The Contract Sum prior to this Change Order was	\$ 9,499,295.00
The Contract Sum will be unchanged by this Change Order in the amount of	\$ 0.00
The new Contract Sum including this Change Order will be	\$ 9,499,295.00

The Contract Time will be unchanged by Zero (0) days.
The new date of Substantial Completion will be 3/6/19

NOTE: This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

Jackson & Ryan Architects

ARCHITECT (Firm name)

SIGNATURE

Martha Seng

PRINTED NAME AND TITLE

06/06/18

DATE

J.T. Vaughn Construction, LLC

CONTRACTOR (Firm name)

SIGNATURE

Mike Simpson

PRINTED NAME AND TITLE

06/06/2018

DATE

Williamson County, Texas

OWNER (Firm name)

SIGNATURE

Dan Gattis, County Judge

PRINTED NAME AND TITLE

06-20-2018

DATE



AIA Document G701™ – 2017

Change Order

PROJECT: (Name and address)

Williamson County
Animal Shelter Expansion
1855 SE Inner Loop
Georgetown, TX 78626

CONTRACT INFORMATION:

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Change Order Number: 003

Date: 1/8/18

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710 Main Street, Suite 101
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ARCHITECT (Firm name)

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Martha Seng

PRINTED NAME AND TITLE

06/06/18

DATE

J.T. Vaughn Construction, LLC

CONTRACTOR (Firm name)

SIGNATURE

Mike Simpson

PRINTED NAME AND TITLE

06/06/2018

DATE

Williamson County, Texas

OWNER (Firm name)

SIGNATURE

Dan Gattis, County Judge

PRINTED NAME AND TITLE

DATE

Funds Tracking Log

Change Proposal No.	Change Type & No.	Time Extension (Days)		GMP Breakdown					GMP #2491.01	Total Updated Contract Amount
		Pending	Approved	Cost of Work	CM Contingency	Owner Contingency	General Conditions	Construction Phase Fee		
N/A	GMP	-	-	\$7,666,840	\$228,082	\$300,000	\$1,034,210	\$270,163	\$9,499,295	\$9,499,295
1	OCO 1	0	0	\$10,878	(\$10,964)	\$0	\$86	\$0	\$0	\$9,499,295
2	OCO 1	0	0	(\$8,139)	\$8,139	\$0	\$0	\$0	\$0	\$9,499,295
3	OCO 1	0	0	(\$3,945)	\$3,924	\$0	\$21	\$0	\$0	\$9,499,295
4	OCO 1	0	0	\$412	(\$412)	\$0	\$0	\$0	\$0	\$9,499,295
5	OCO 1	0	0	\$11,089	\$0	(\$11,615)	\$143	\$383	\$0	\$9,499,295
OCO 1 Totals		0	0	\$10,295	\$687	(\$11,615)	\$250	\$383	\$0	\$9,499,295
6	OCO 2	0	0	\$1,423	\$0	(\$1,491)	\$18	\$50	\$0	\$9,499,295
7	OCO 2	0	0	\$769	\$0	(\$806)	\$10	\$27	\$0	\$9,499,295
8	OCO 2	0	0	\$3,595	(\$3,640)	\$0	\$45	\$0	\$0	\$9,499,295
9	OCO 2	0	0	\$16,917	(\$17,128)	\$0	\$211	\$0	\$0	\$9,499,295
10	OCO 2	0	0	(\$9,016)	\$9,016	\$0	\$0	\$0	\$0	\$9,499,295
OCO 2 Totals		0	0	\$13,688	(\$11,752)	(\$2,297)	\$284	\$77	\$0	\$9,499,295
11	OCO 3	0	0	\$5,028	\$0	(\$5,201)	\$0	\$173	\$0	\$9,499,295
12	OCO 3	0	0	\$15,199	\$0	(\$15,912)	\$189	\$524	\$0	\$9,499,295
13	OCO 3	0	0	\$825	\$0	(\$853)	\$0	\$28	\$0	\$9,499,295
14	OCO 3	0	0	\$726	\$0	(\$751)	\$0	\$25	\$0	\$9,499,295
15	OCO 3	0	0	\$1,278	(\$1,294)	\$0	\$16	\$0	\$0	\$9,499,295
16	OCO 3	0	0	\$5,085	\$0	(\$5,324)	\$64	\$175	\$0	\$9,499,295
17	OCO 3	0	0	\$4,752	\$0	(\$4,975)	\$59	\$164	\$0	\$9,499,295
OCO 3 Totals		0	0	\$32,893	(\$1,294)	(\$33,016)	\$328	\$1,089	\$0	\$9,499,295
18								\$0	\$0	\$9,499,295
19								\$0	\$0	\$9,499,295
20								\$0	\$0	\$9,499,295
21								\$0	\$0	\$9,499,295
22								\$0	\$0	\$9,499,295
23								\$0	\$0	\$9,499,295
24								\$0	\$0	\$9,499,295
25								\$0	\$0	\$9,499,295
26								\$0	\$0	\$9,499,295
27								\$0	\$0	\$9,499,295
28								\$0	\$0	\$9,499,295
29								\$0	\$0	\$9,499,295
30								\$0	\$0	\$9,499,295
31								\$0	\$0	\$9,499,295
32								\$0	\$0	\$9,499,295
33								\$0	\$0	\$21,530,927
34								\$0	\$0	\$9,499,295
35								\$0	\$0	\$9,499,295
36								\$0	\$0	\$9,499,295
37								\$0	\$0	\$9,499,295
38								\$0	\$0	\$9,499,295
39								\$0	\$0	\$9,499,295
40								\$0	\$0	\$9,499,295
Current Amounts		0	0	\$7,723,716	\$215,723	\$253,072	\$1,035,072	\$271,712	\$9,499,295	\$9,499,295



18551 SE Inner Loop
Georgetown, TX
78626

T: (210) 328-0193

May 10, 2018

Dale Butler
Williamson County
710 Main Street
Georgetown, TX 78626

Re: Animal Shelter Expansion

Job No: 249101

Subj: Change Proposal No. 249101-0011

Dear Sir or Madam:

We respectfully submit our proposal for an increase to our contract in the amount of \$0 (zero) dollars to provide Demo and Retile a Portion of the Main Building Lobby Floor Per RFI 038 for the above referenced project.

Our price is valid for Ten (10) days

Please indicate your acceptance of this change proposal by signing and returning one copy of the attached Form B breakdown of our cost.

Very truly yours,
VAUGHN CONSTRUCTION

A handwritten signature in blue ink, appearing to read "Tom Morrill", written over a light blue horizontal line.

Thomas Morrill

Attachments:

CC:

FORM B

PROJECT: Animal Shelter Expansion

CHANGE PROPOSAL NO: 249101-0011

QUOTATION :

Item	Labor	Materials	Subs	Total
Demo of Portion of Main Lobby Tile Floor	\$0.00	\$0.00	\$735.00	\$735.00
Retile a Portion of the Main Lobby Tile Floor	\$0.00	\$0.00	\$4,194.00	\$4,194.00
CM Fee	\$0.00	\$173.00	\$0.00	\$173.00
To Be Funded By Owners Contingency	\$0.00	\$(5,201.00)	\$0.00	\$(5,201.00)
Labor/General Cleanup	\$0.00	\$0.00	\$99.00	\$99.00

Totals	\$0.00	\$(5,028.00)	\$5,028.00	\$0.00
Insurance, Tax, Benefits on Labor				\$0.00
Overhead				\$0.00
Fee on Subs				\$0.00
Fee on JTV				\$0.00
Bond				\$0.00
Remodel Tax				\$0.00
TOTAL				\$0.00

TIME EXTENSION TO CONTRACT: 0 Days

Submitted Date: 5/31/2018

Accepted

VAUGHN CONSTRUCTION

By: By: 

Thomas Morrill

Date

06-20-2018

Proposal Valid for 10 Days

FORM B**PROJECT: Animal Shelter Expansion****CHANGE PROPOSAL NO: 249101-0011****QUOTATION :**

Item	Labor	Materials	Subs	Total
Demo of Portion of Main Lobby Tile Floor	\$0.00	\$0.00	\$735.00	\$735.00
Retile a Portion of the Main Lobby Tile Floor	\$0.00	\$0.00	\$4,194.00	\$4,194.00
CM Fee	\$0.00	\$173.00	\$0.00	\$173.00
To Be Funded By Owners Contingency	\$0.00	\$(5,201.00)	\$0.00	\$(5,201.00)
Labor/General Cleanup	\$0.00	\$0.00	\$99.00	\$99.00

Totals	\$0.00	\$(5,028.00)	\$5,028.00	\$0.00
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Insurance, Tax, Benefits on Labor	\$0.00
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Overhead	\$0.00
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Fee on Subs	\$0.00
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Fee on JTV	\$0.00
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Bond	\$0.00
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Remodel Tax	\$0.00
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TOTAL	\$0.00
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TIME EXTENSION TO CONTRACT: 0 Days**Submitted Date: 5/31/2018****Accepted****VAUGHN CONSTRUCTION****By: _____**


By: _____
Thomas Morrill

Date _____**Proposal Valid for 10 Days**

REQUEST FOR INFORMATION



18551 SE Inner Loop
Georgetown, TX
78626

T: (210) 328-0193

RFI NO: 38

To: John Benham
Jackson & Ryan Architects
2370 Rice Boulevard, Suite 210
Houston, TX 77005
Phone: (713) 526-5436
Fax:

Date: 04/18/2018

Required By: 04/20/2018

Owner: Williamson County, Texas

From: Thomas Morrill

Job No : 249101

Project: Animal Shelter Expansion
1855 SE Inner Loop
Georgetown, TX 78626

Re: Existing Tile in Lobby of Main Building

Spec. Section:

Drawing Number: A.1-2.10

Other Reference:

Question:

Sheet A.1-2.10 has a note to patch the tile flooring around the demolished existing lobby desk. This area has 2 different tile types (see attached) that are laid out in the middle of the lobby making patching and/of matching any tile very difficult as there will be a distinct transition on the visible lobby floor. Also, the county has confirmed that there is not attic stock of either tile.

Proposed Answer:

Please give direction of how to proceed with the flooring in this area.

Answer:

Jackson & Ryan reviewed this issue in-person with Vaughn Construction, Williamson County, and Animal Shelter Management on Thursday, 4/26/18.

WilCo found it acceptable to propose a defined area of further demolition of the existing floor tile and replace it with new floor tile, to match generally the size and pattern. Shelter Management requested the new tile be darker than the existing.

See revised Architectural sheet A.1-2.10, attached.

This RFI can be referenced as pricing for this scope is reviewed and approved.

John Benham, AIA

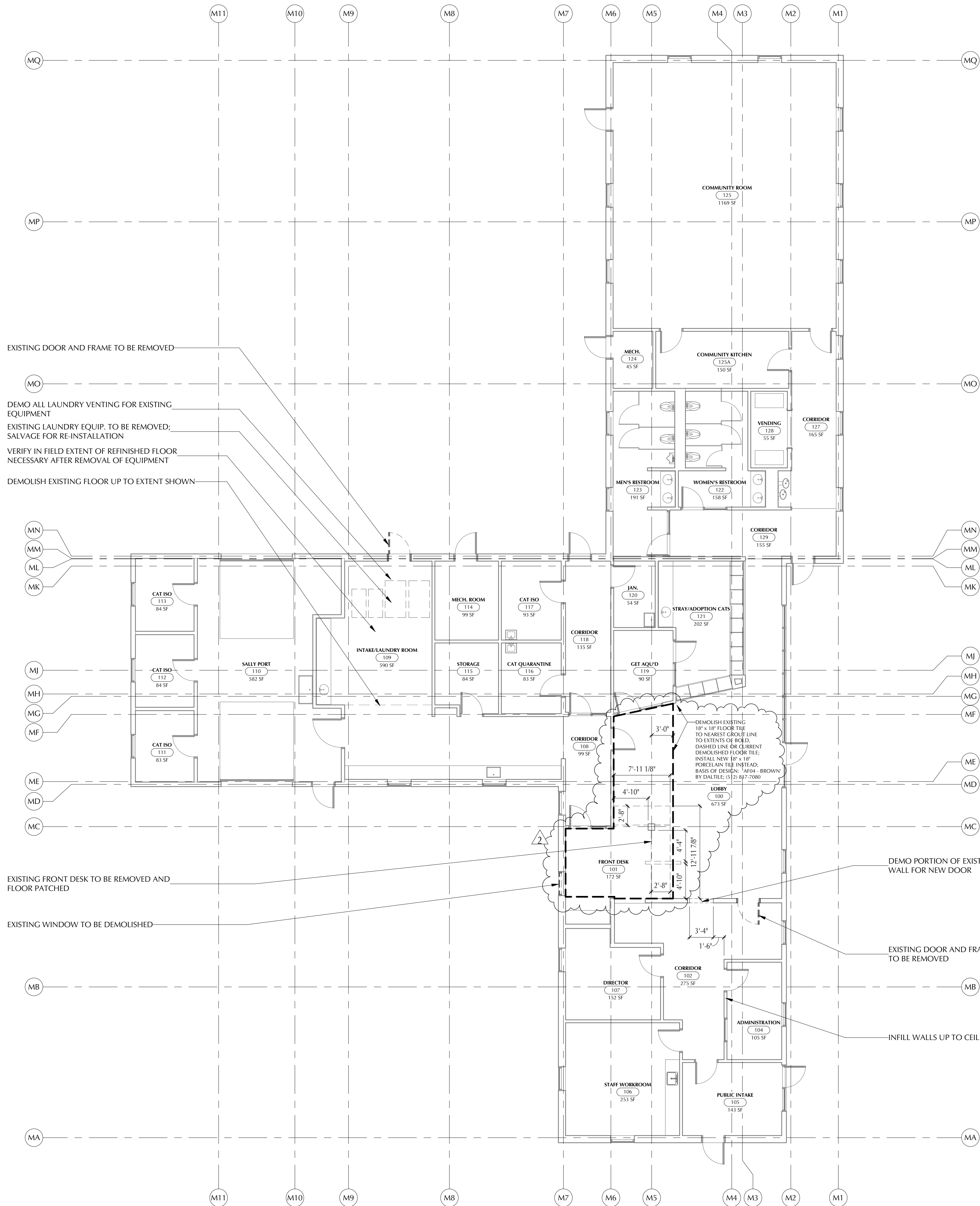
Jackson & Ryan Architects 04/27/18

Very truly yours,

VAUGHN CONSTRUCTION

Attachments:

CC:



Date Issued:
09/27/17
11/15/17
04/27/18

ISSUE FOR PERMIT
FIRST RE-SUBMITTAL - PLAN
REVIEW
RFI 038

GEORGETOWN PROJECT NO. 2017-39592
Project Number: 16042
**WILLIAMSON COUNTY
REGIONAL ANIMAL
SHELTER**
1855 SE INNER LOOP
GEORGETOWN, TX 78626

JACKSON & RYAN ARCHITECTS
2370 RICE BOULEVARD, HOUSTON, TEXAS 77005

CIVIL ENGINEER
DAVCAR ENGINEERING
512-328-4428
LANDSCAPE ARCHITECT
GARCIA DESIGN
512-892-0353
STRUCTURAL ENGINEER
MATRIX STRUCTURAL ENGINEERS
713-664-0130
MECHANICAL, ELECTRICAL & PLUMBING ENGINEER
SHAH SMITH & ASSOCIATES, INC.
512-851-0404

GENERAL CONTRACTOR
VAUGHN CONSTRUCTION
512-318-1332



Sheet Content:
**MAIN - DEMOLITION -
FLOOR PLAN**

SCALE: 1/8" = 1'-0"

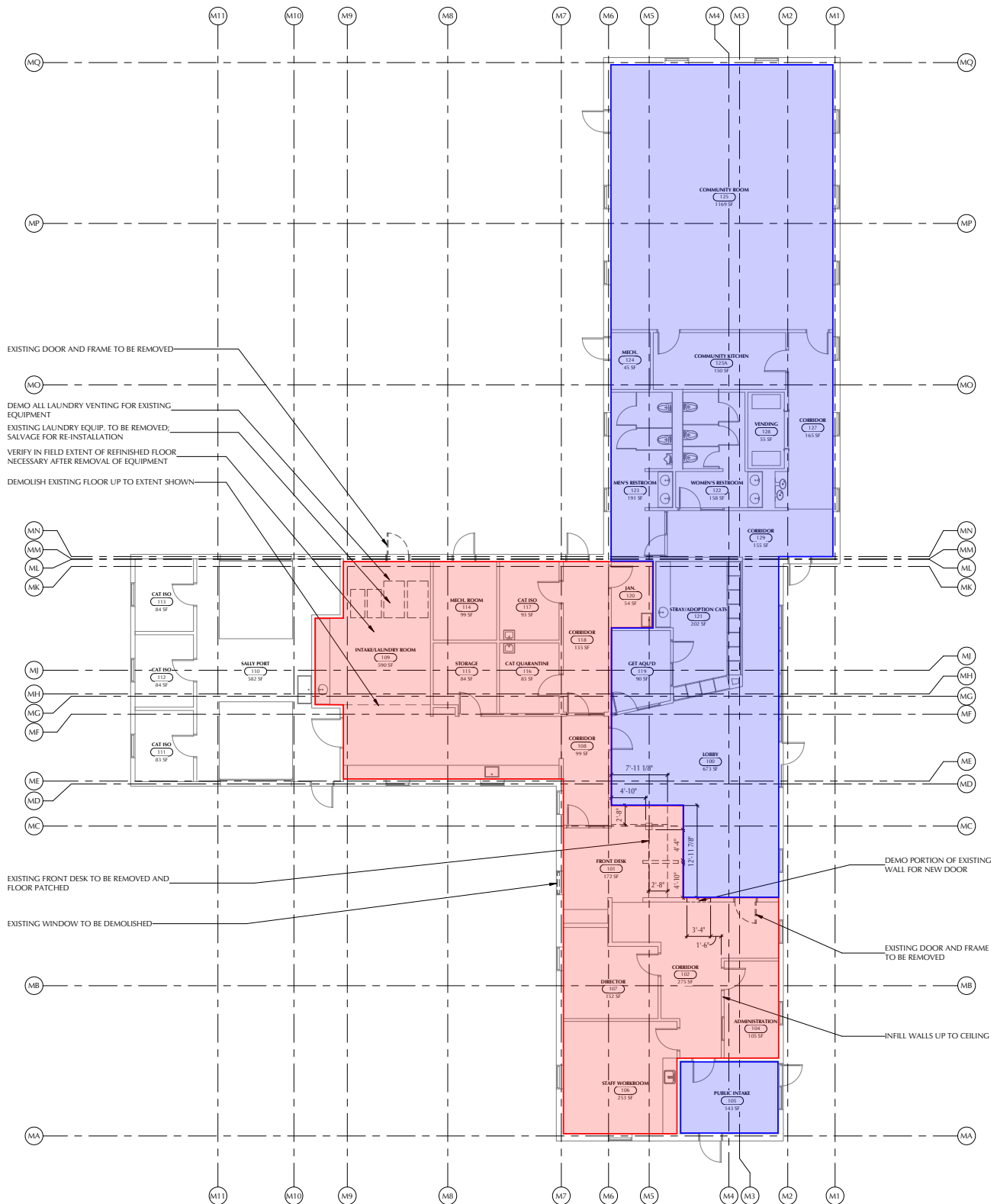
Copyright 2016 JACKSON & RYAN, ARCHITECTS

Drawings and Specifications as instruments of service are and shall remain the property of the Architect. They are not to be used on other projects or extensions to this project except by agreement in writing and with appropriate compensation to the Architect. Contractor is responsible for confirming and correlating dimensions at job site; the Architect will not be responsible for construction means, methods, techniques, sequences or procedures; or for safety precautions and programs in connection with the project.

A.1-2.10

Plot Date: 04/27/18

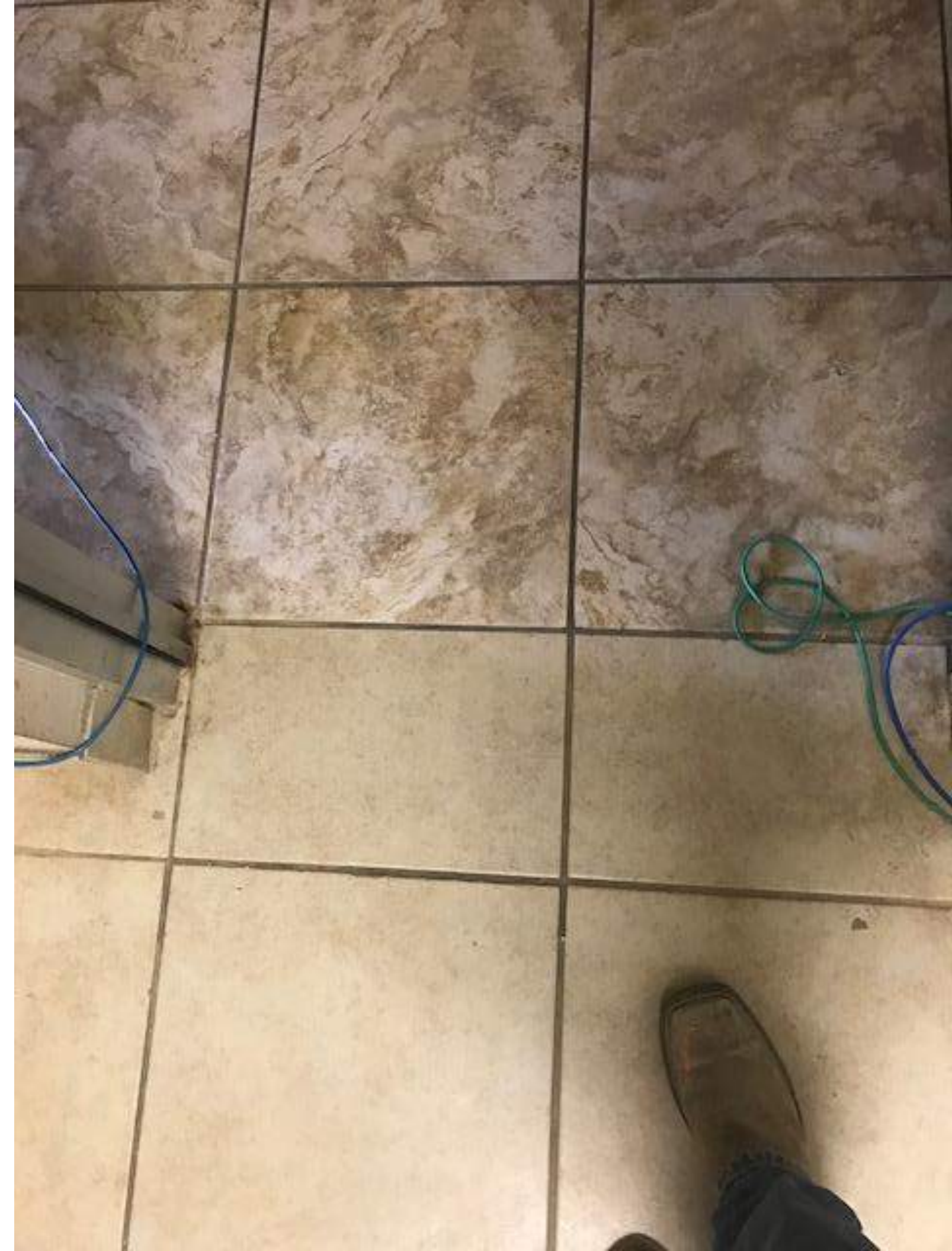
01 LEVEL 1 - DEMOLITION FLOOR PLAN
1/8" = 1'-0"

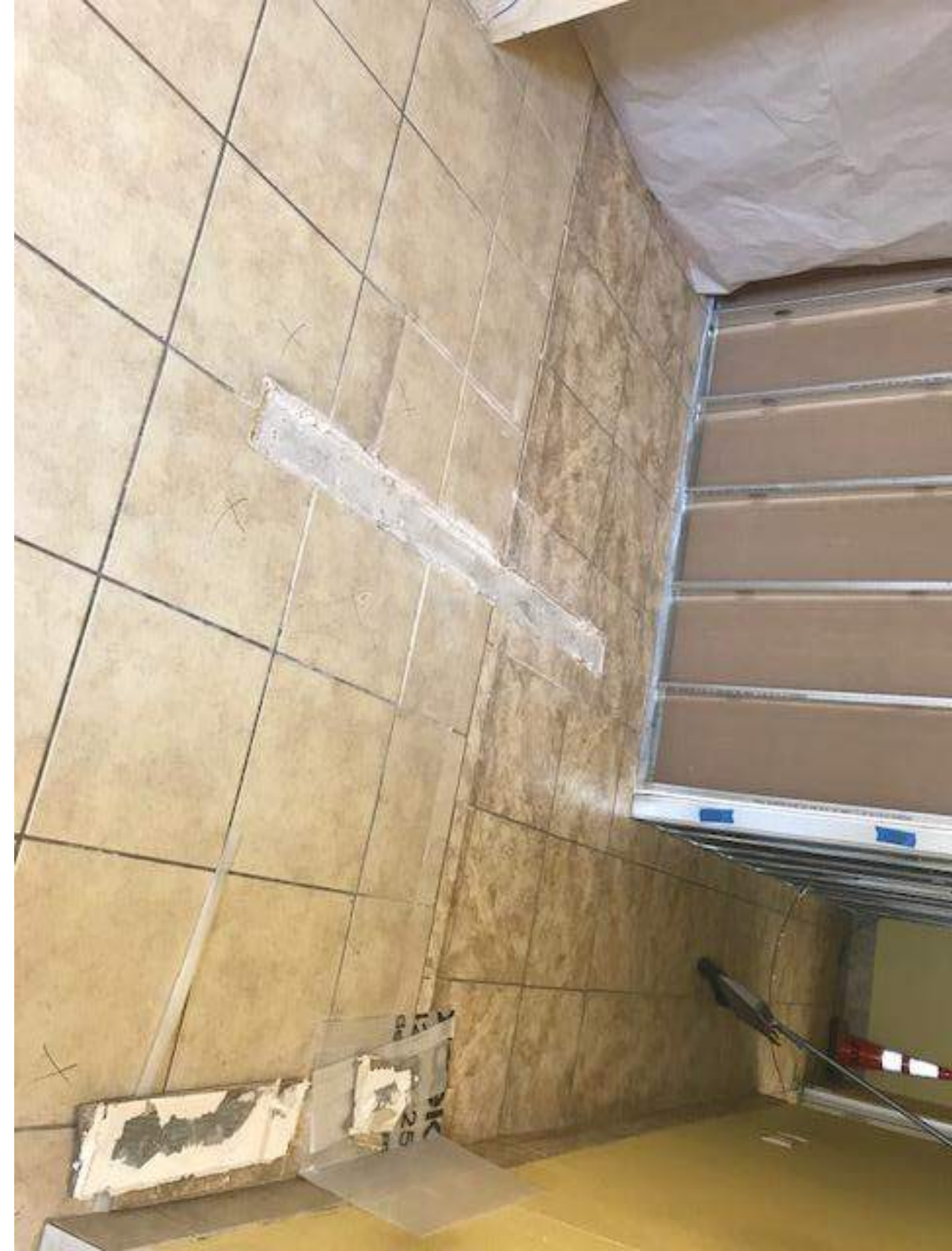


01 LEVEL 1 - DEMOLITION FLOOR PLAN
1/8" = 1'-0"

- EXISTING TILE #1
- EXISTING TILE #2













May 1, 2018

RE: RFI 038 - Existing Tile in Lobby of Main Building

Thomas,

Thank you for the opportunity to propose on the project. Below is a list of our scope inclusions and exclusions.

Work Included in our Scope:

Drawings Dated: 4/27/2018

Addenda: N/A

A.1 - 2.10- Main Demolition - Floor Plan

- Remove Existing Tile in Lobby of Main Building
- Haul Off & Disposal Included

BASE BID..... \$ 735.00

Please let me know if you have any questions.

Thanks,

Dawson McGough
The Demo Company
334-322-1022

Exclusions / Clarifications:

- Permits / Fees / Bonds
- Removal of Hazardous Materials (i.e. Asbestos)
- Temporary Facilities or Utilities
- Floor Prep. Glue and adhesives will be removed within an 1/8"
- Street / Sidewalk Closures, Traffic Control or Barricades
- Cutting / Capping / Make Safe of Existing Utilities
- Layout of any sort. (i.e. MEP / Openings / Limits of Demolition / etc.)
- Salvaging any items to be re-used or transmitted to the Owner.
- MEP Haul-off unless otherwise noted above
- Additional Layers of Sheetrock are not included. One layer included unless otherwise noted above.
- Hidden Conditions (i.e. concealed VCT or Above ceiling Pony Walls) not included.
- Site Fencing or SWPPP.
- Final Grading or Backfilling
- Shoring / Bracing o Lintels
- Hidden Underground Structures (Beams, Pits, Tanks, etc.)
- 3rd Party Oversight and Sampling
- Fire Watch and/or Security
- Only Responsible for Structural Demo to 2' Below Grade
- Bid Assumes 40/hr Work Week and One Mobilization. Additional Mobilization is \$1,500 per.



8013 Exchange Drive, Suite 300
Austin, TX 78754
512.928.5655 Voice 512.928.5711 Fax
www.corporatefloors.com

Attention: THOMAS MORRILL

Salesperson: Dean Smart

Estimator: Shane Crumpton

Project Manager: Mica Martinez

Addendums Read: 2

Proposal

Install Date:

Plan Date:

Bid Date:

11/9/2017

Date:

5/3/2018

Time:

10:21 AM

Revision #:

Bid #:

37195

Bill To	Project
VAUGHN CONSTRUCTION AUSTIN 6604 NORTH LAMAR AUSTIN, TX 78752	WILLIAMSON COUNTY REGIONAL ANIMAL SHELTER
, TX	
THOMAS MORRILL	
Phone:	Phone:
Cell:	Cell:
Pager:	Pager:
Fax:	Fax:

RFI 38 ADD

Line	Description	Extended:
1	FT- 2 CERAMIC FLOOR SUPPLIED AND INSTALLED - INCLUDE EPOXY GROUT and 1 PATCH AT 1 DOOR; NO WATERPROOFING / ANTIFRACTURE OR DEMO IS INCLUDED DAL-TILE AFFINITY BROWN 18x18 AF04	\$3,784.27
2	FT- 2 CERAMIC BASE SUPPLIED AND INSTALLED - INCLUDE EPOXY GROUT ; BASE IS CUT FROM FIELD DAL-TILE AFFINITY BROWN 18x18 AF04	\$410.09
TOTAL (THESE LINE ITEMS TAX EXEMPT) \$		4,194.36

NOTES

TOTAL FOR THIS CHANGE PROPOSAL	\$ 99.00
---------------------------------------	-----------------



18551 SE Inner Loop
Georgetown, TX
78626

T: (210) 328-0193

May 15, 2018

Dale Butler
Williamson County
710 Main Street
Georgetown, TX 78626

Re: Animal Shelter Expansion

Job No: 249101

Subj: Change Proposal No. 249101-0012

Dear Sir or Madam:

We respectfully submit our proposal for an increase to our contract in the amount of \$0 (zero) dollars to provide Retaining Wall Revisions Per RFI 026 for the above referenced project.

Our price is valid for Ten (10) days

Please indicate your acceptance of this change proposal by signing and returning one copy of the attached Form B breakdown of our cost.

Very truly yours,
VAUGHN CONSTRUCTION

A handwritten signature in blue ink, appearing to read "Tom Morrill", written in a cursive style.

Thomas Morrill

Attachments:

CC:

FORM B

PROJECT: Animal Shelter Expansion

CHANGE PROPOSAL NO: 249101-0012

QUOTATION :

Item	Labor	Materials	Subs	Total
Retaining Wall Revisions Per RFI 026	\$0.00	\$0.00	\$15,100.00	\$15,100.00
CM Fee	\$0.00	\$524.00	\$0.00	\$524.00
To Be Funded By Owners Contingency	\$0.00	\$(15,912.00)	\$0.00	\$(15,912.00)
Subcontractor Default Insurance	\$0.00	\$189.00	\$0.00	\$189.00
Layout of Revisions for Retaining Wall	\$0.00	\$0.00	\$99.00	\$99.00

Totals	\$0.00	\$(15,199.00)	\$15,199.00	\$0.00
	Insurance, Tax, Benefits on Labor			\$0.00
	Overhead			\$0.00
	Fee on Subs			\$0.00
	Fee on JTV			\$0.00
	Bond			\$0.00
	Remodel Tax			\$0.00
	TOTAL			\$0.00

TIME EXTENSION TO CONTRACT: 0 Days

Submitted Date: 5/31/2018

Accepted

VAUGHN CONSTRUCTION

By: 

By: 

Thomas Morrill

Date

06-10-2018

Proposal Valid for 10 Days

FORM B

PROJECT: Animal Shelter Expansion

CHANGE PROPOSAL NO: 249101-0012

QUOTATION :

Item	Labor	Materials	Subs	Total
Retaining Wall Revisions Per RFI 026	\$0.00	\$0.00	\$15,100.00	\$15,100.00
CM Fee	\$0.00	\$524.00	\$0.00	\$524.00
To Be Funded By Owners Contingency	\$0.00	\$(15,912.00)	\$0.00	\$(15,912.00)
Subcontractor Default Insurance	\$0.00	\$189.00	\$0.00	\$189.00
Layout of Revisions for Retaining Wall	\$0.00	\$0.00	\$99.00	\$99.00

Totals	\$0.00	\$(15,199.00)	\$15,199.00	\$0.00
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Insurance, Tax, Benefits on Labor	\$0.00
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Overhead	\$0.00
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Fee on Subs	\$0.00
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Fee on JTV	\$0.00
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Bond	\$0.00
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Remodel Tax	\$0.00
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TOTAL	\$0.00
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TIME EXTENSION TO CONTRACT: 0 Days

Submitted Date: 5/31/2018

Accepted

VAUGHN CONSTRUCTION

By: _____

By: 
Thomas Morrill

Date _____

Proposal Valid for 10 Days

REQUEST FOR INFORMATION



18551 SE Inner Loop
Georgetown, TX
78626

T: (210) 328-0193

RFI NO: 26

To: John Benham
Jackson & Ryan Architects
2370 Rice Boulevard, Suite 210
Houston, TX 77005
Phone: (713) 526-5436
Fax:

From: Thomas Morrill

Date: 03/06/2018

Required By: 03/09/2018

Owner: Williamson County, Texas

Job No : 249101

Project: Animal Shelter Expansion
1855 SE Inner Loop
Georgetown, TX 78626

Re: Greenscreen Column Spacing

Spec. Section:

Drawing Number: 03 A.3-501, S.3-2.03, 01 A.3-5.42,
A.3-5

Other Reference:

Question:

1) Reference detail 03 A.3-501 West Elevation- New adoption building and sheet S.3-2.03. The vertical columns on the structural differ from the elevation detail. Please advise if the structural is showing the correct columns and spacing or if the elevation is incorrect. If incorrect, please furnish correct elevation vie for Greenscreen.

2) Reference sheets S.3-2.03, A.3-5.40, A.3-5.42, A.3-5.41 and attached Greenscreen detail. Typical Greenscreen panels are 8 ft wide and require 1/2" clear space per side to accommodate the mounting brackets (see attached). With the 4" HSS columns, the 8'4" spacing from center of post to center will not be enough to install the panels as recommended. The spacing will need to be 8'5" center of column to column. Can the typical spacing for the columns be changed and the end sections at each run be reduced to accommodate this?

Answer:

The greenscreen panels wrap around the top landing of the Public Entry, and have a west elevation at the east end of the Balcony canopy. See new elevation 12/A.3-5.41. The steel shown on this elevation is accounted-for in the Structural Framing shop drawings.

The spacing for the greenscreen support columns will remain as-drawn, and each panel can instead be reduced in width by 2". See revised drawing sheets A.3-5.41 and A.3-5.42 for updated screen wall and retaining all elevations which coordinate w/ the site grading on the approved Site Development drawings.

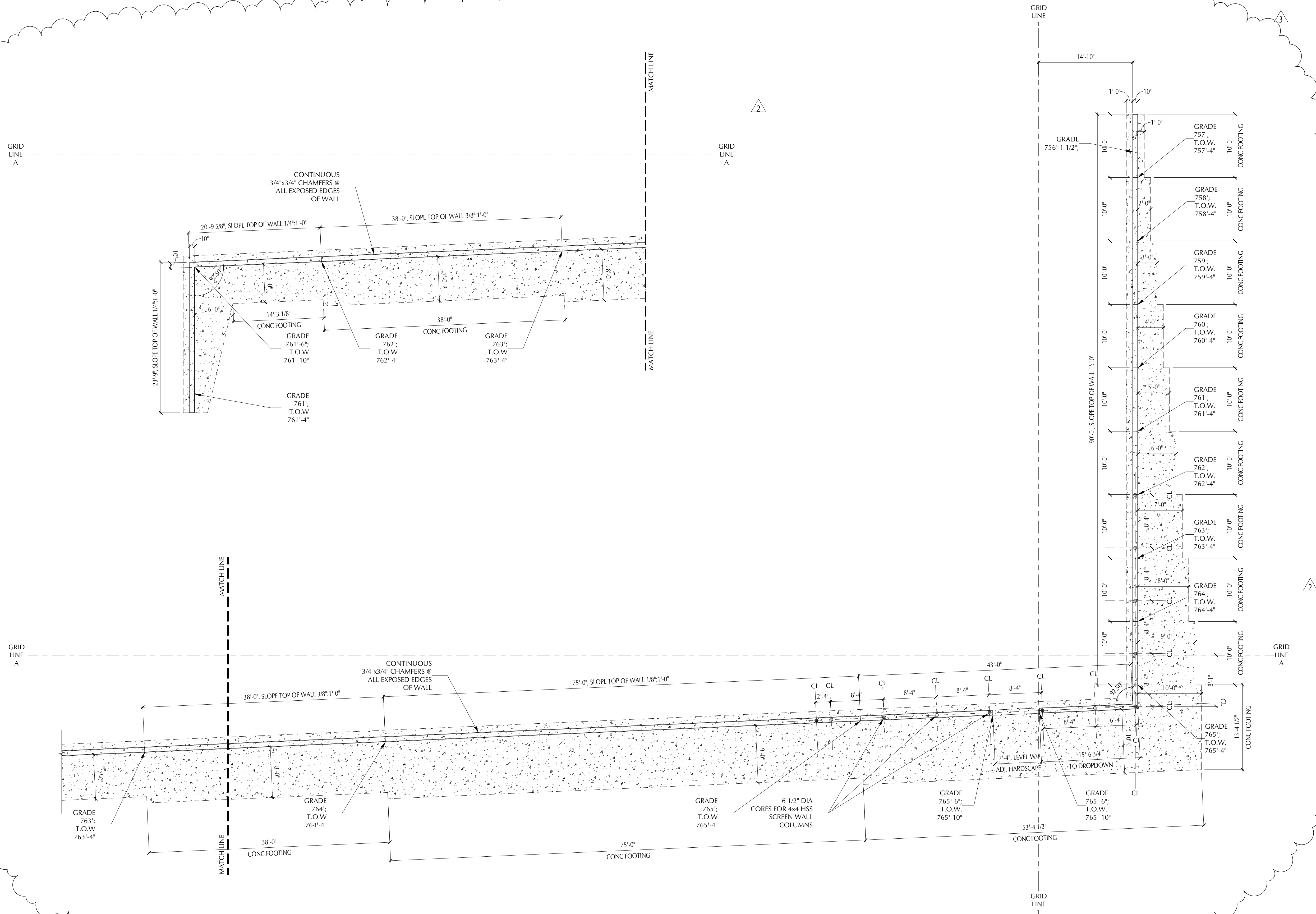
John Benham, AIA
Jackson & Ryan Architects
03/19/18

Very truly yours,

VAUGHN CONSTRUCTION

Attachments:

CC:



GEORGETOWN PROJECT NO. 2017-39592

Project Number: 16042

**WILLIAMSON COUNTY
REGIONAL ANIMAL
SHELTER**

1855 SE INNER LOOP
GEORGETOWN, TX 78626

JACKSON & RYAN ARCHITECTS
2370 RICE BOULEVARD, HOUSTON, TEXAS 77005

CIVIL ENGINEER
DAVCAR ENGINEERING
512-328-4428
LANDSCAPE ARCHITECT
GARCIA DESIGN
512-892-0353
STRUCTURAL ENGINEER
MATRIX STRUCTURAL ENGINEERS
713-664-0130
MECHANICAL, ELECTRICAL & PLUMBING ENGINEER
SHAH SMITH & ASSOCIATES, INC.
512-851-0404

GENERAL CONTRACTOR
VAUGHN CONSTRUCTION
512-318-1332



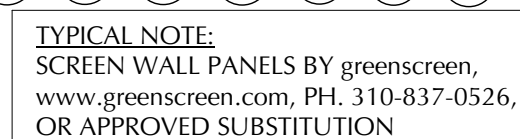
03/19/18

Sheet Content:
RETAINING WALL PLAN

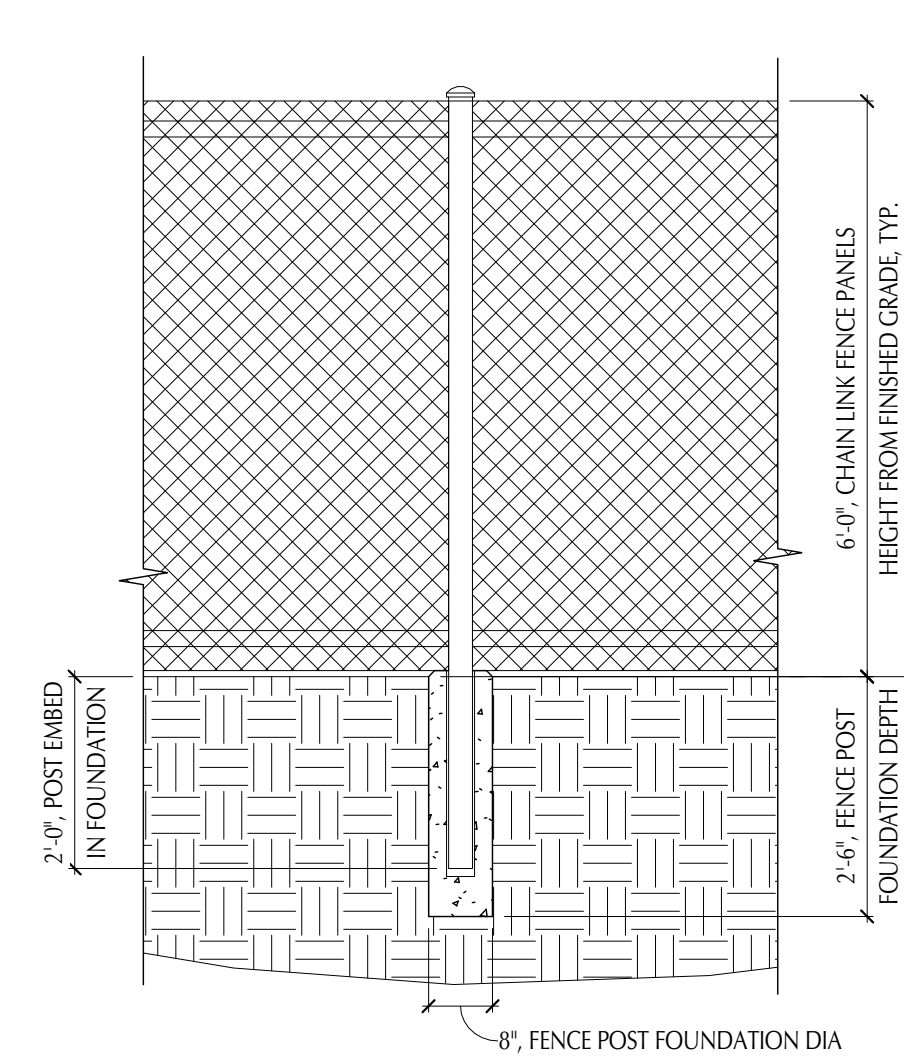
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Copyright 2016 JACKSON & RYAN, ARCHITECTS

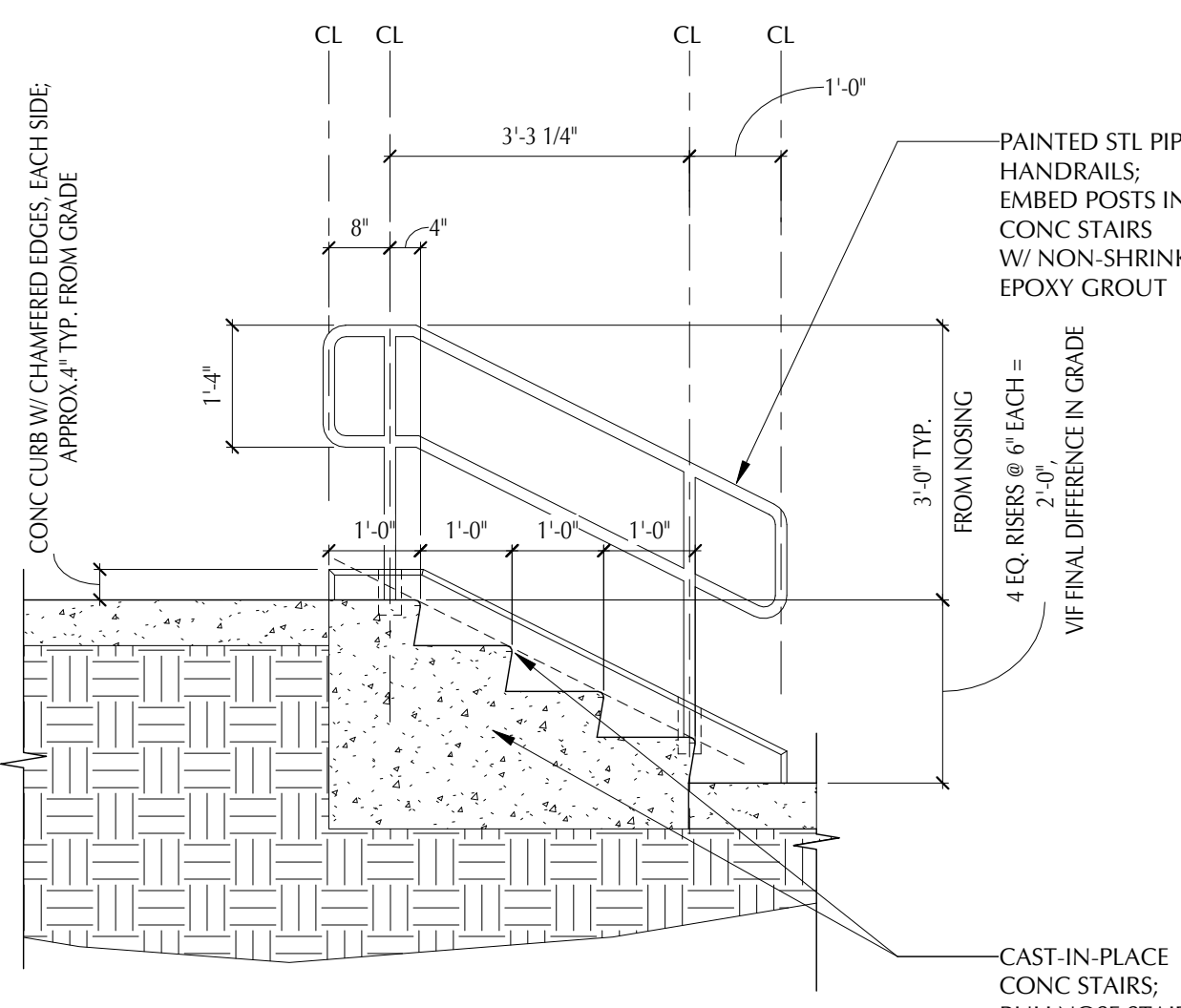
Drawings and Specifications as instruments of service are and shall remain the property of the Architect. They are not to be used on other projects or extensions to this project except by agreement in writing and with appropriate compensation to the Architect. Contractor is responsible for confirming and correlating dimensions at job site; the Architect will not be responsible for construction means, methods, techniques, sequences or procedures; or for safety precautions and programs in connection with the project.



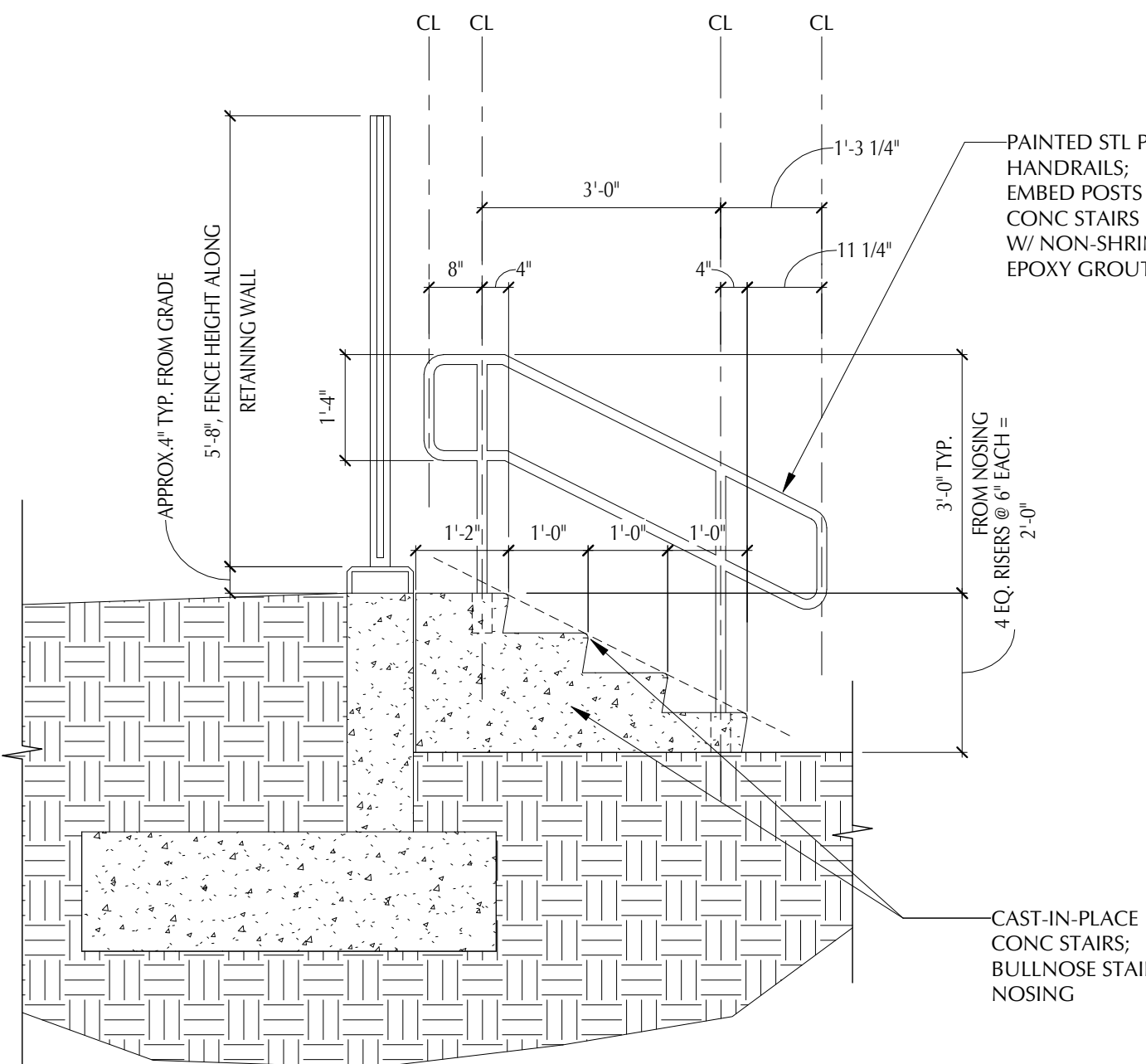
Plot Date: 09/27/17



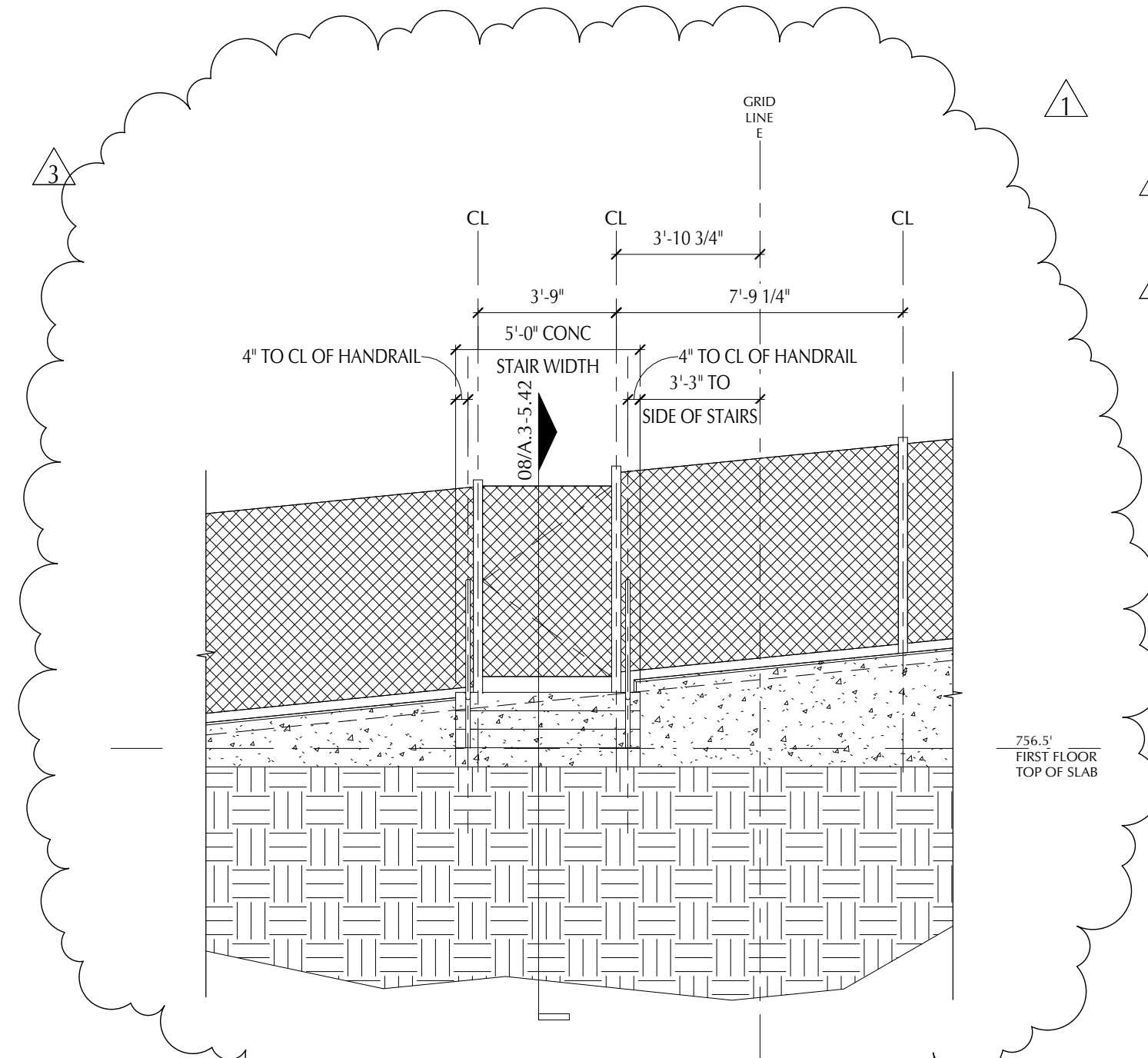
16 CHAIN LINK FENCE POST, TYP.
1/2" = 1'-0"



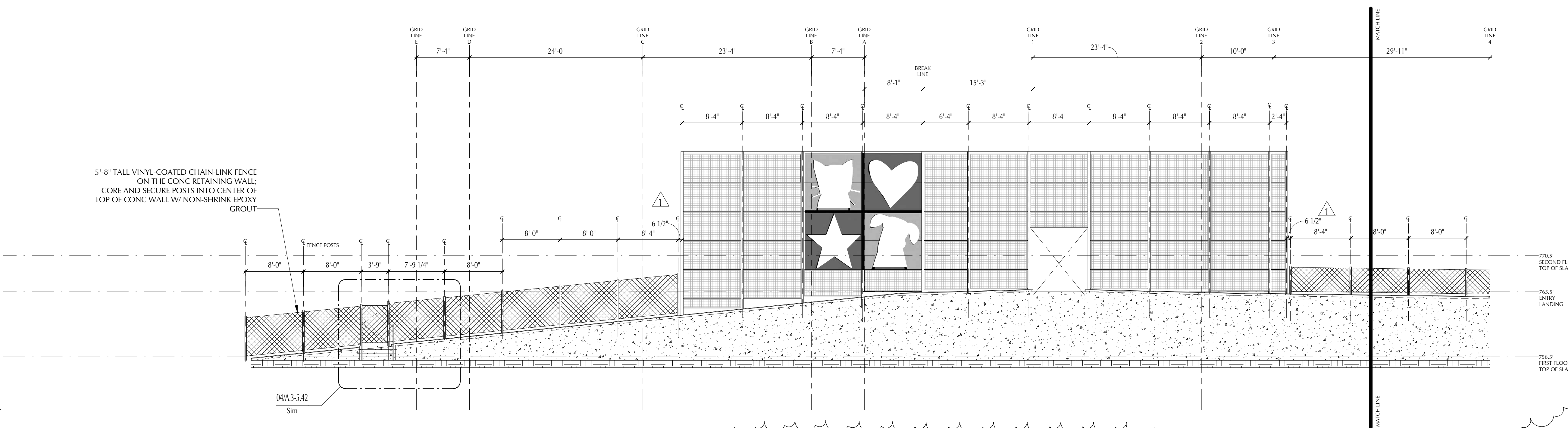
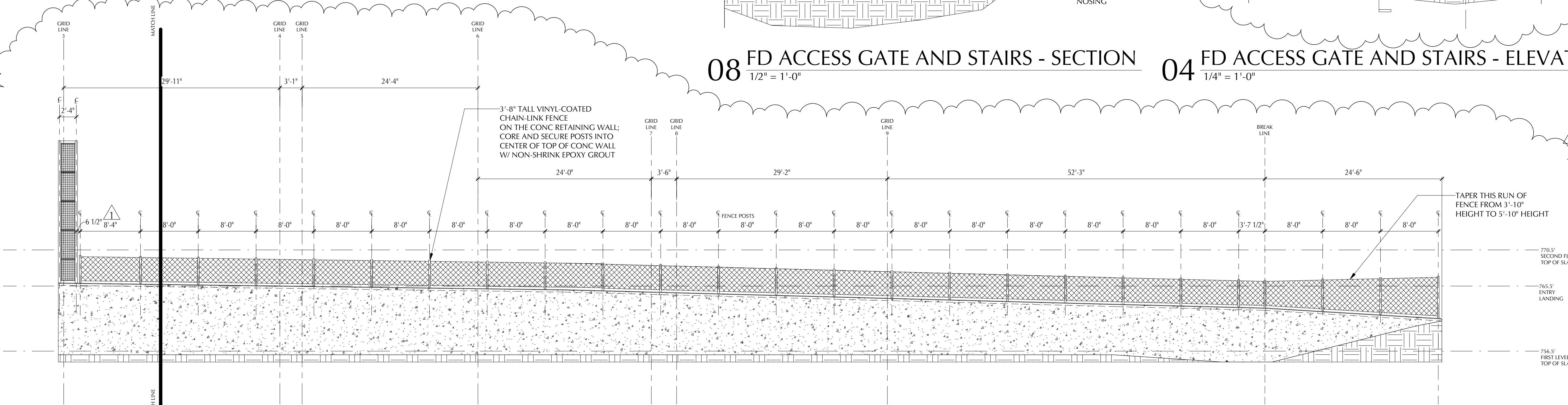
12 SITE STAIRS - SECTION
1/2" = 1'-0"



08 FD ACCESS GATE AND STAIRS - SECTION
1/2" = 1'-0"



04 FD ACCESS GATE AND STAIRS - ELEVATION
1/4" = 1'-0"



TYPICAL NOTE:
SCREEN WALL AND ALUMINUM LOGO
PANEL CONNECTIONS TO STRUCTURE
TO BE PER THE PRODUCT MANUFACTURERS'
RECOMMENDATIONS

TYPICAL NOTE:
SCREEN WALL PANELS BY greenscreen,
www.greenscreen.com, PH. 310-837-0526,
OR APPROVED SUBSTITUTION

01 RETAINING WALL - INSIDE ELEVATION
1/8" = 1'-0"

Date Issued:
09/27/17
10/18/17
11/15/17
03/19/18

ISSUE FOR PERMIT
ADDENDUM 01
FIRST RE-SUBMITTAL - PLAN
REVIEW
RFI 026

GEORGETOWN PROJECT NO. 2017-39592
Project Number: 16042
**WILLIAMSON COUNTY
REGIONAL ANIMAL
SHELTER**
1855 SE INNER LOOP
GEORGETOWN, TX 78626

JACKSON & RYAN ARCHITECTS
2370 RICE BOULEVARD, HOUSTON, TEXAS 77005

CIVIL ENGINEER
DAYCAR ENGINEERING
512-328-4428
LANDSCAPE ARCHITECT
GARCIA DESIGN
512-892-0353
STRUCTURAL ENGINEER
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713-664-0130
MECHANICAL ELECTRICAL & PLUMBING ENGINEER
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512-851-0404

GENERAL CONTRACTOR
VAUGHN CONSTRUCTION
512-318-1332



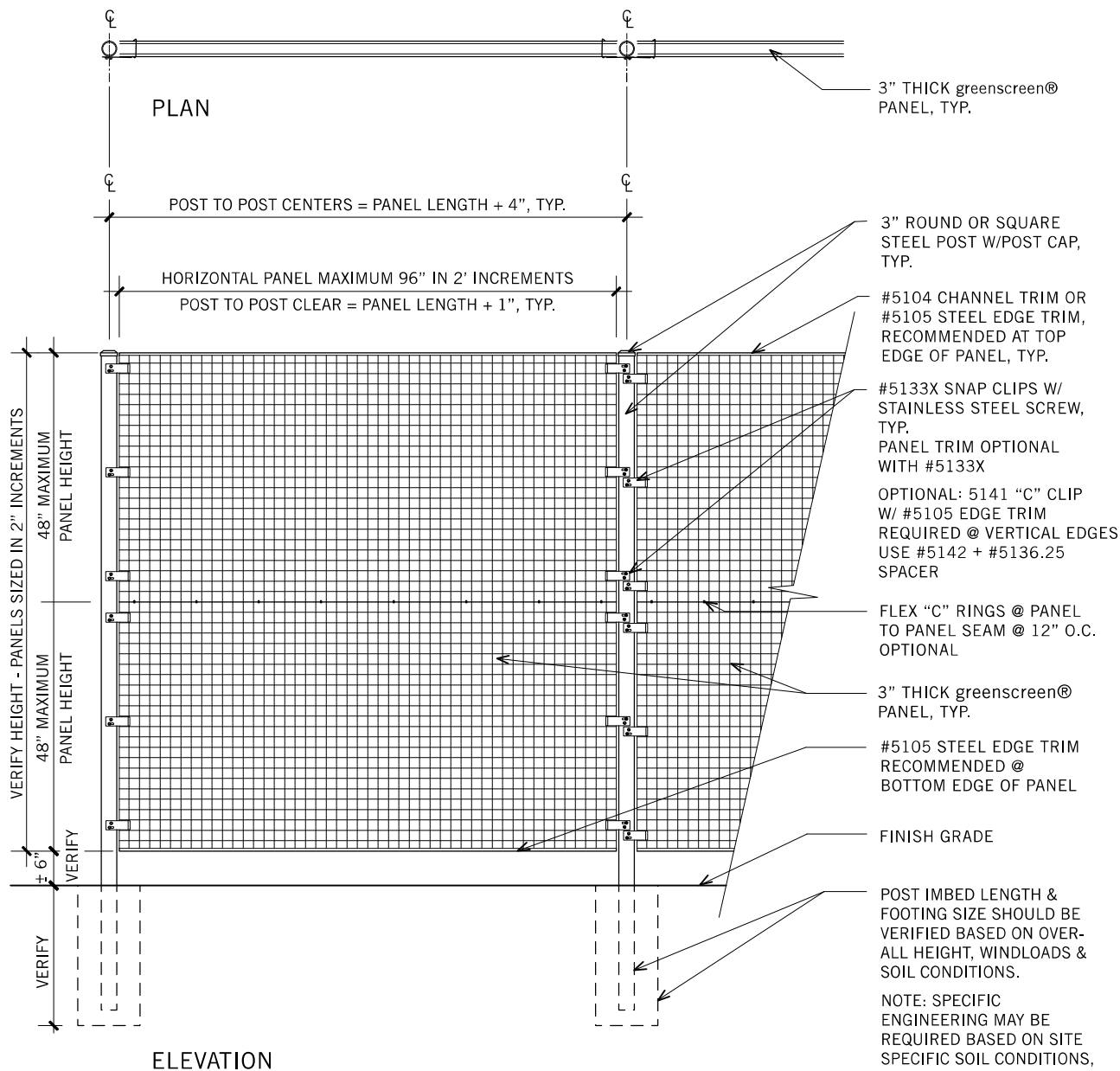
03/19/18
Sheet Content:
**EXTERIOR ELEVATION
DETAILS AND SECTIONS**

SCALE: As indicated
Copyright 2016 JACKSON & RYAN, ARCHITECTS

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A.3-5.42
Plot Date: 09/27/17

Freestanding, Horizontal FENCE / SCREEN



FREESTANDING HORIZONTAL — FENCE / SCREEN

FALL 2015



P.O. Box 1057
Round Rock, TX 78680
(512) 244-0600
Fax: (512) 244-0489

17207 - WILCO ANIMAL SHELTER RETAINING WALL REVISION

04/10/18

DESCRIPTION	Q'TY	UNIT	TOTAL BID
RETAINING WALL REVISION	1	LS	\$ 14,000.00
BACKFILL FOR GAS SUBCONTRACTOR	1	LS	\$ 1,100.00
TOTAL REVISION			\$ 15,100.00

Change in Work - Cost Analysis Form

Project No. & Name:	2491-02 Wilco Regional Animal Shelter	DATE	5/31/2018
Contractor Name:	Vaughn Construction	Change No.	012
Description of Change:	Vaughn General Works Additional Layout for Revisions to Retaining Wall per RFI 026		

Sales Tax 8.25%	\$	-
TOTAL FOR THIS CHANGE PROPOSAL	\$	99.00



18551 SE Inner Loop
Georgetown, TX
78626

T: (210) 328-0193

May 15, 2018

Dale Butler
Williamson County
710 Main Street
Georgetown, TX 78626

Re: Animal Shelter Expansion

Job No: 249101

Subj: Change Proposal No. 249101-0013

Dear Sir or Madam:

We respectfully submit our proposal for an increase to our contract in the amount of \$0 (zero) dollars to provide Green Screen Detail Revisions Per RFI 026 for the above referenced project.

Our price is valid for Ten (10) days

Please indicate your acceptance of this change proposal by signing and returning one copy of the attached Form B breakdown of our cost.

Very truly yours,
VAUGHN CONSTRUCTION

A handwritten signature in blue ink, appearing to read "Tom Morrill", written over the company name.

Thomas Morrill

Attachments:

CC:

FORM B

PROJECT: Animal Shelter Expansion

CHANGE PROPOSAL NO: 249101-0013

QUOTATION :

Item	Labor	Materials	Subs	Total
Green Screen Detail Revisions Per RFI 026	\$0.00	\$0.00	\$825.00	\$825.00
CM Fee	\$0.00	\$28.00	\$0.00	\$28.00
To Be Funded By Owners Contingency	\$0.00	\$(853.00)	\$0.00	\$(853.00)

Totals	\$0.00	\$(825.00)	\$825.00	\$0.00
Insurance, Tax, Benefits on Labor				\$0.00
Overhead				\$0.00
Fee on Subs				\$0.00
Fee on JTV				\$0.00
Bond				\$0.00
Remodel Tax				\$0.00
TOTAL				\$0.00

TIME EXTENSION TO CONTRACT: 0 Days

Submitted Date: 5/15/2018

Accepted

VAUGHN CONSTRUCTION

By: 

By: 

Thomas Morrill

Date

06-10-2017

Proposal Valid for 10 Days

FORM B

PROJECT: Animal Shelter Expansion

CHANGE PROPOSAL NO: 249101-0013

QUOTATION :

Item	Labor	Materials	Subs	Total
Green Screen Detail Revisions Per RFI 026	\$0.00	\$0.00	\$825.00	\$825.00
CM Fee	\$0.00	\$28.00	\$0.00	\$28.00
To Be Funded By Owners Contingency	\$0.00	\$(853.00)	\$0.00	\$(853.00)

Totals	\$0.00	\$(825.00)	\$825.00	\$0.00
---------------	--------	------------	----------	--------

Insurance, Tax, Benefits on Labor	\$0.00
-----------------------------------	--------

Overhead	\$0.00
----------	--------

Fee on Subs	\$0.00
-------------	--------

Fee on JTV	\$0.00
------------	--------

Bond	\$0.00
------	--------

Remodel Tax	\$0.00
-------------	--------

TOTAL	\$0.00
--------------	---------------


TIME EXTENSION TO CONTRACT: 0 Days

Submitted Date: 5/15/2018

Accepted

VAUGHN CONSTRUCTION

By: _____

By: 
Thomas Morrill

Date _____

Proposal Valid for 10 Days

REQUEST FOR INFORMATION



18551 SE Inner Loop
Georgetown, TX
78626

T: (210) 328-0193

RFI NO: 26

To: John Benham
Jackson & Ryan Architects
2370 Rice Boulevard, Suite 210
Houston, TX 77005
Phone: (713) 526-5436
Fax:

Date: 03/06/2018

Required By: 03/09/2018

Owner: Williamson County, Texas

From: Thomas Morrill

Job No : 249101

Project: Animal Shelter Expansion
1855 SE Inner Loop
Georgetown, TX 78626

Re: Greenscreen Column Spacing

Spec. Section:

Drawing Number: 03 A.3-501, S.3-2.03, 01 A.3-5.42,
A.3-5

Other Reference:

Question:

1) Reference detail 03 A.3-501 West Elevation- New adoption building and sheet S.3-2.03. The vertical columns on the structural differ from the elevation detail. Please advise if the structural is showing the correct columns and spacing or if the elevation is incorrect. If incorrect, please furnish correct elevation vie for Greenscreen.

2) Reference sheets S.3-2.03, A.3-5.40, A.3-5.42, A.3-5.41 and attached Greenscreen detail. Typical Greenscreen panels are 8 ft wide and require 1/2" clear space per side to accommodate the mounting brackets (see attached). With the 4" HSS columns, the 8'4" spacing from center of post to center will not be enough to install the panels as recommended. The spacing will need to be 8'5" center of column to column. Can the typical spacing for the columns be changed and the end sections at each run be reduced to accommodate this?

Answer:

The greenscreen panels wrap around the top landing of the Public Entry, and have a west elevation at the east end of the Balcony canopy. See new elevation 12/A.3-5.41. The steel shown on this elevation is accounted-for in the Structural Framing shop drawings.

The spacing for the greenscreen support columns will remain as-drawn, and each panel can instead be reduced in width by 2". See revised drawing sheets A.3-5.41 and A.3-5.42 for updated screen wall and retaining all elevations which coordinate w/ the site grading on the approved Site Development drawings.

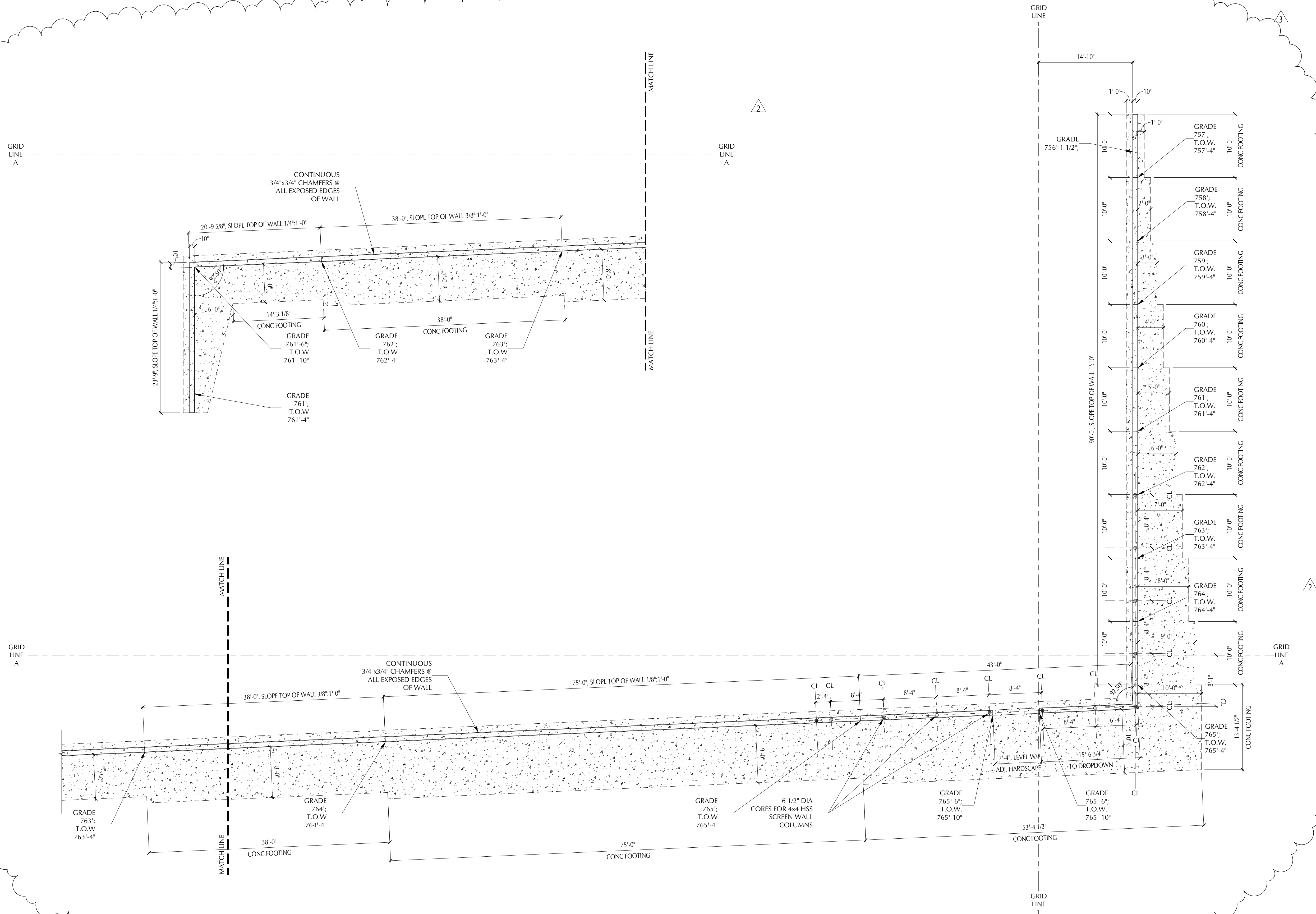
John Benham, AIA
Jackson & Ryan Architects
03/19/18

Very truly yours,

VAUGHN CONSTRUCTION

Attachments:

CC:



GEORGETOWN PROJECT NO. 2017-39592
Project Number: 16042

**WILLIAMSON COUNTY
REGIONAL ANIMAL
SHELTER**
1855 SE INNER LOOP
GEORGETOWN, TX 78626

JACKSON & RYAN ARCHITECTS
2370 RICE BOULEVARD, HOUSTON, TEXAS 77005

CIVIL ENGINEER
DAVCAR ENGINEERING
512-328-4428
LANDSCAPE ARCHITECT
GARCIA DESIGN
512-892-0353
STRUCTURAL ENGINEER
MATRIX STRUCTURAL ENGINEERS
713-664-0130
MECHANICAL, ELECTRICAL & PLUMBING ENGINEER
SHAH SMITH & ASSOCIATES, INC.
512-851-0404

GENERAL CONTRACTOR
VAUGHN CONSTRUCTION
512-318-1332

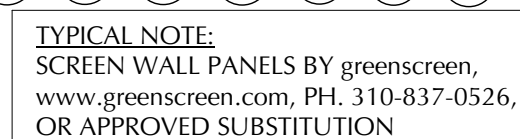


03/19/18

Sheet Content:
RETAINING WALL PLAN

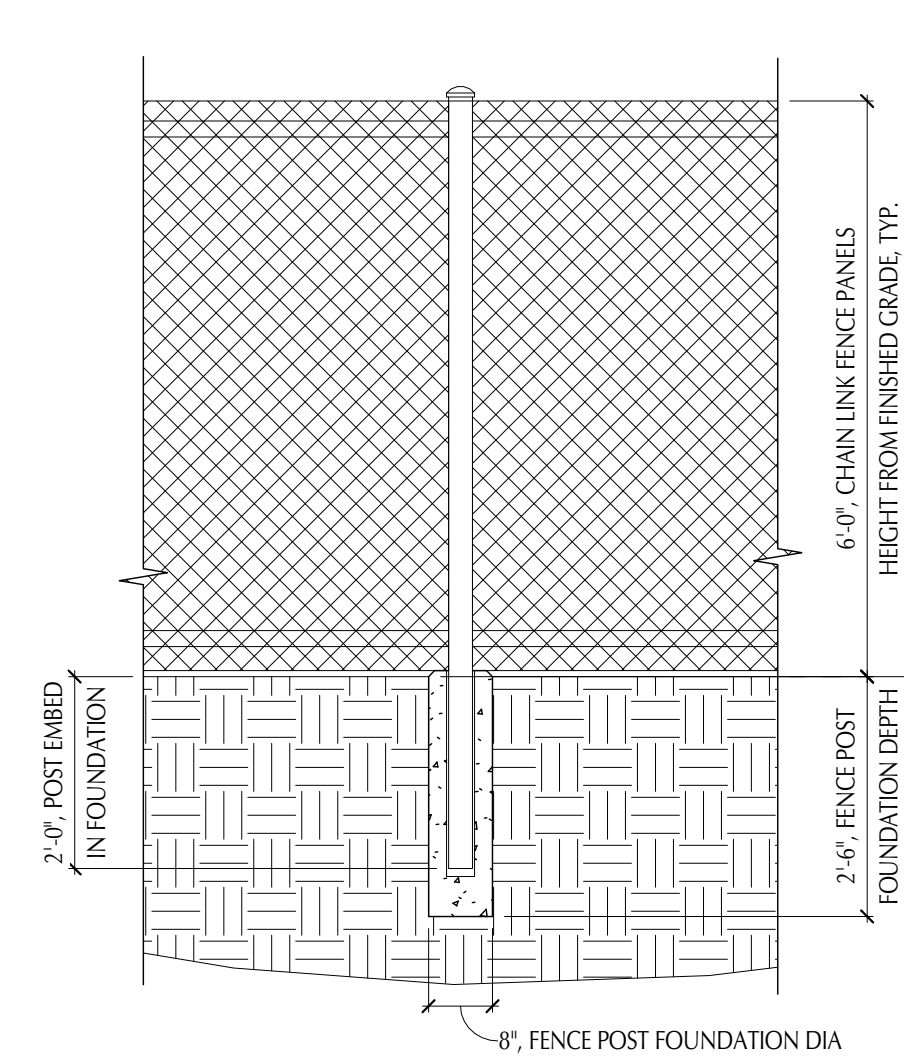
SCALE: 1/8" = 1'-0"
Copyright 2016 JACKSON & RYAN, ARCHITECTS

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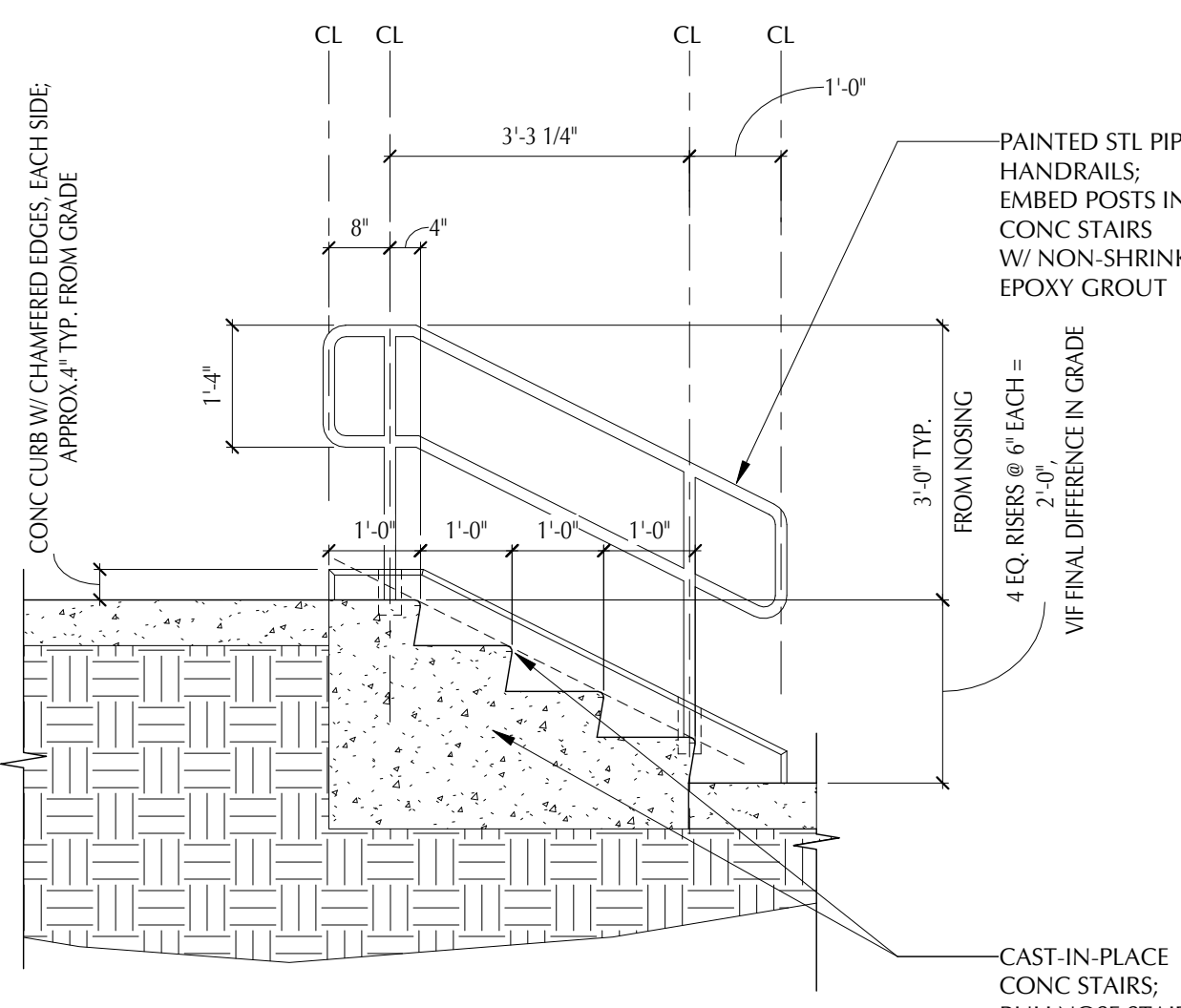


01 RETAINING WALL - OUTSIDE ELEVATION
1/8" = 1'-0"

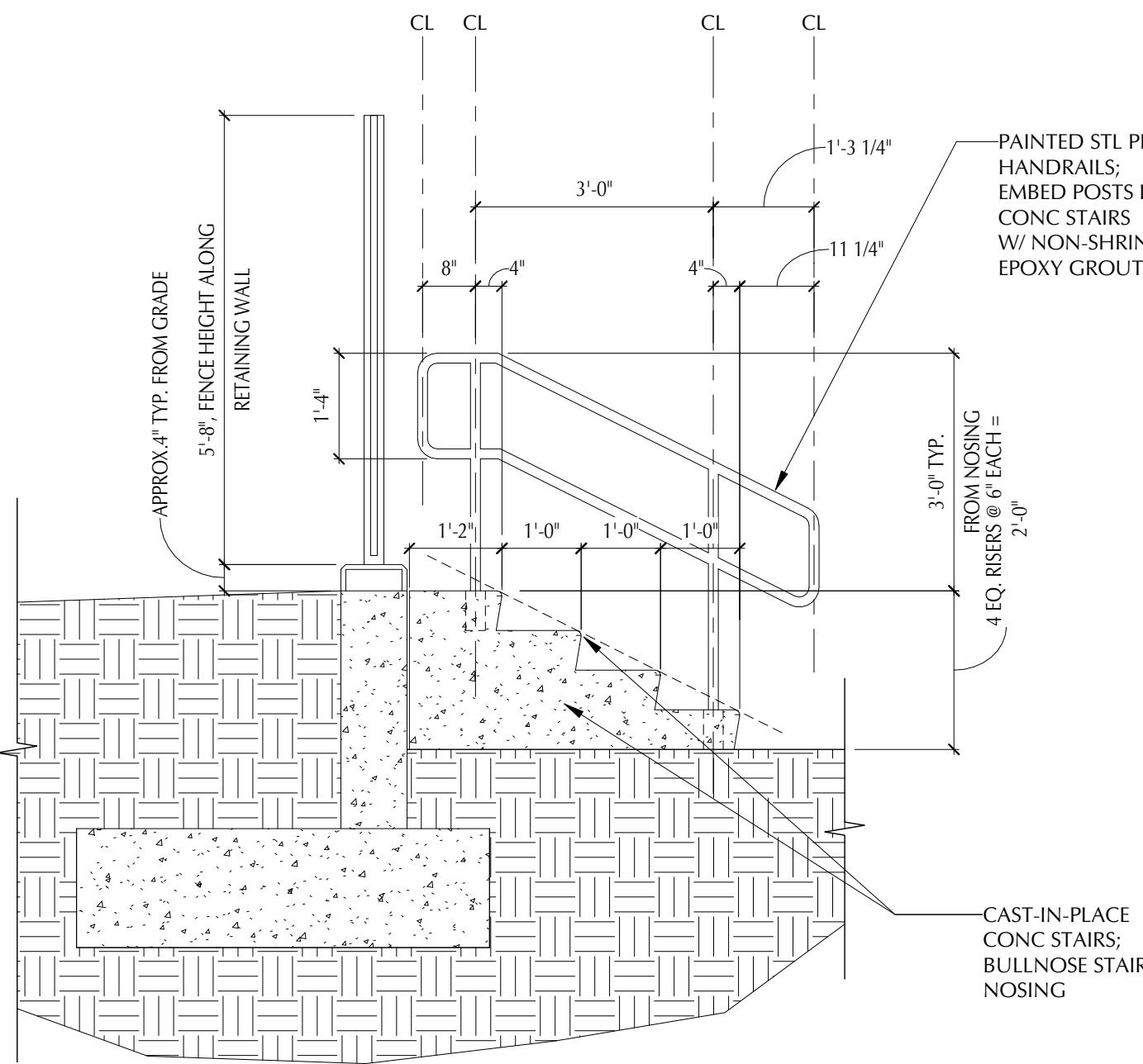
Plot Date: 09/27/17



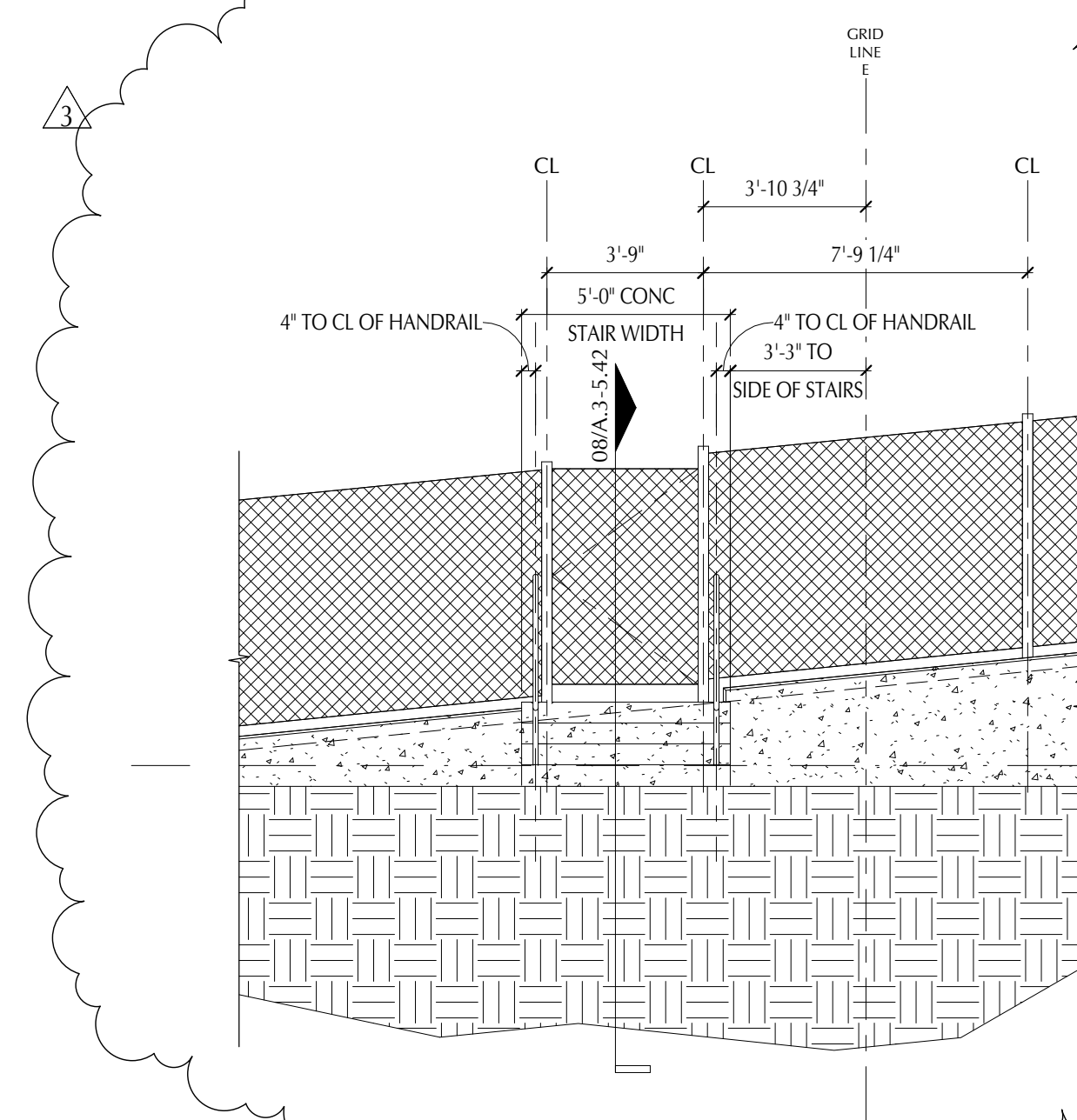
16 CHAIN LINK FENCE POST, TYP.
1/2" = 1'-0"



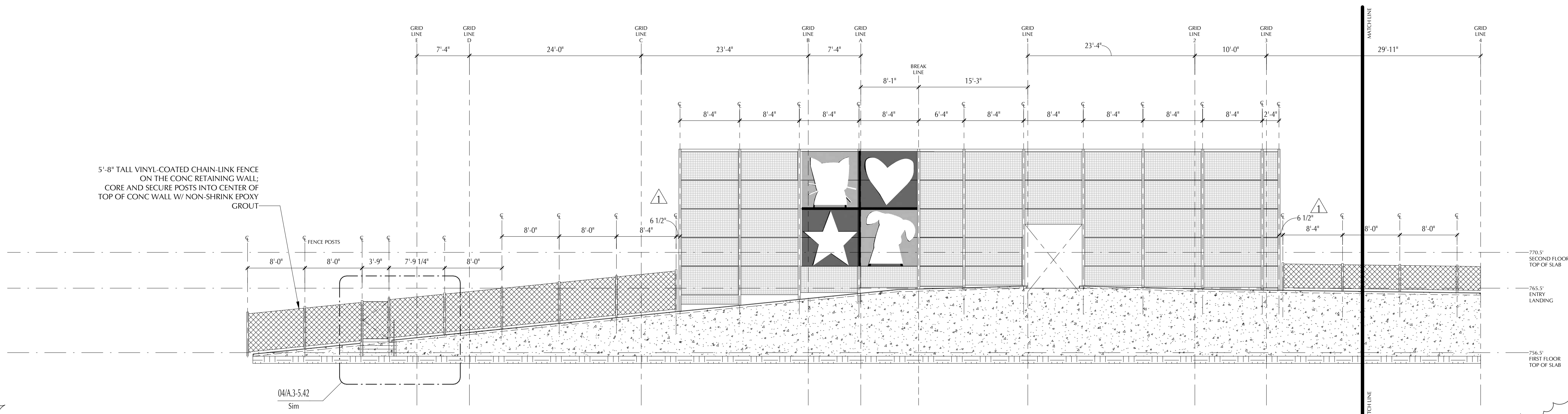
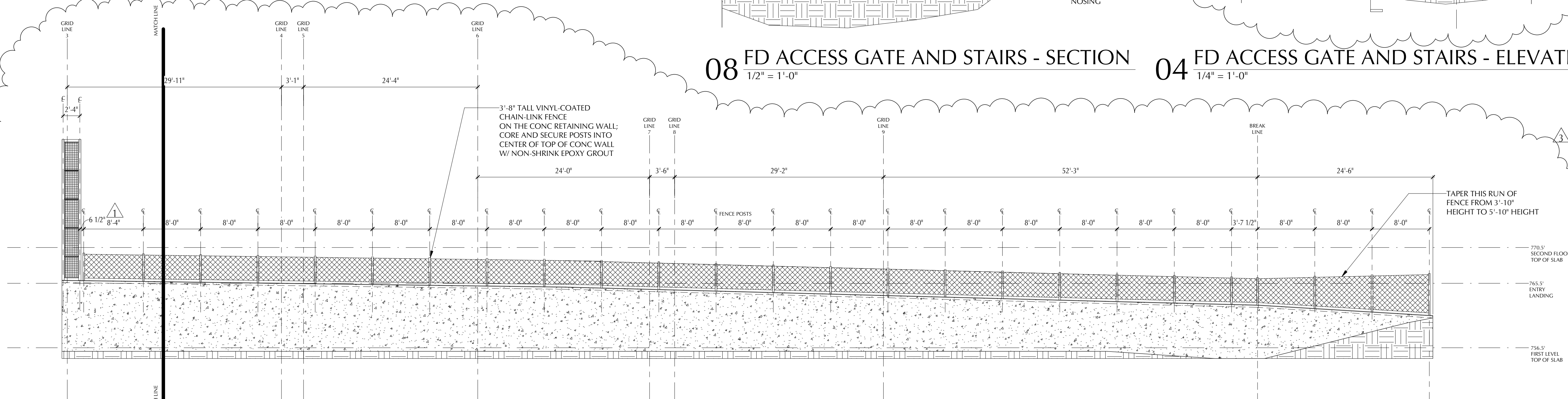
12 SITE STAIRS - SECTION
1/2" = 1'-0"



08 FD ACCESS GATE AND STAIRS - SECTION
1/2" = 1'-0"



04 FD ACCESS GATE AND STAIRS - ELEVATION
1/4" = 1'-0"



TYPICAL NOTE:
SCREEN WALL AND ALUMINUM LOGO
PANEL CONNECTIONS TO STRUCTURE
TO BE PER THE PRODUCT MANUFACTURERS'
RECOMMENDATIONS

TYPICAL NOTE:
SCREEN WALL PANELS BY greenscreen,
www.greenscreen.com, PH. 310-837-0526,
OR APPROVED SUBSTITUTION

01 RETAINING WALL - INSIDE ELEVATION
1/8" = 1'-0"

Date Issued:
09/27/17
10/18/17
11/15/17
03/19/18

ISSUE FOR PERMIT
ADDENDUM 01
FIRST RE-SUBMITTAL - PLAN
REVIEW
RFI 026

GEORGETOWN PROJECT NO. 2017-39592
Project Number: 16042
**WILLIAMSON COUNTY
REGIONAL ANIMAL
SHELTER**
1855 SE INNER LOOP
GEORGETOWN, TX 78626

JACKSON & RYAN ARCHITECTS
2370 RICE BOULEVARD, HOUSTON, TEXAS 77005

CIVIL ENGINEER
DAYCAR ENGINEERING
512-328-4428
LANDSCAPE ARCHITECT
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713-664-0130
MECHANICAL ELECTRICAL & PLUMBING ENGINEER
SHAH SMITH & ASSOCIATES, INC.
512-851-0404

GENERAL CONTRACTOR
VAUGHN CONSTRUCTION
512-318-1332



03/19/18
Sheet Content:
**EXTERIOR ELEVATION
DETAILS AND SECTIONS**

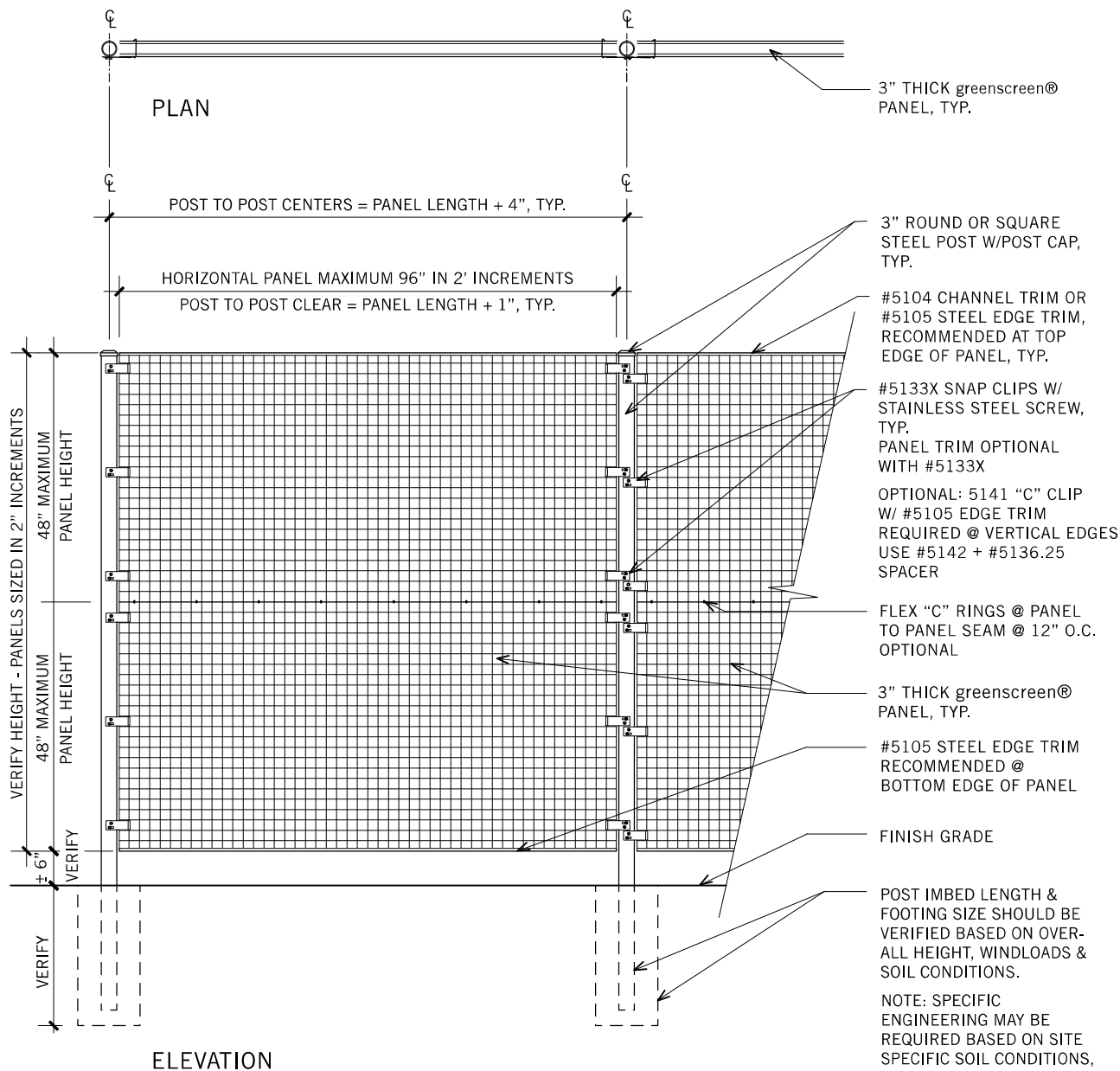
SCALE: As indicated
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A.3-5.42

Plot Date: 09/27/17

Freestanding, Horizontal FENCE / SCREEN



FREESTANDING HORIZONTAL — FENCE / SCREEN

FALL 2015

Subtotal from Page 1 749.65

5.00% Overhead 37.48

5.00% Profit 37.48

Erection

Erection Overhead/Profit 0.00

Customer Adjustment 0.39

NOTES

CHANGE TOTALS

Change Amount 825.00

Tax Amount 0.00

GRAND TOTAL 825.00

The status of this Change Order is *Unapproved*

Approved = Myrex has received formal Change Order.

Unapproved = Myrex has been authorized to proceed,
with formal Change Order to follow.

Quoted only = Myrex has not been authorized to proceed.

Please initial here _____ to verify Change Order status.

MYREX INDUSTRIES

VAUGHN CONSTRUCTION

Caden Fishbeck

Authorized Signature

NOTES: EXTRA WORK WILL NOT BE PERFORMED UNTIL A SIGNED COPY OF THIS REQUEST IS RETURNED TO MYREX INDUSTRIES.
THE CHANGES QUOTED HEREIN WILL IMPACT THE MYREX PRODUCTION SCHEDULE BY A MINIMUM OF
0.00 WORKING DAYS.



18551 SE Inner Loop
Georgetown, TX
78626

T: (210) 328-0193

May 15, 2018

Dale Butler
Williamson County
710 Main Street
Georgetown, TX 78626

Re: Animal Shelter Expansion

Job No: 249101

Subj: Change Proposal No. 249101-0014

Dear Sir or Madam:

We respectfully submit our proposal for an increase to our contract in the amount of \$0 (zero) dollars to provide Revisions to the Canopy Hood Per Jackson & Ryan's ASI 003 Dated 4/5/18 for the above referenced project.

Our price is valid for Ten (10) days

Please indicate your acceptance of this change proposal by signing and returning one copy of the attached Form B breakdown of our cost.

Very truly yours,
VAUGHN CONSTRUCTION

A handwritten signature in blue ink, appearing to read "Tom Morrill", written over a light blue horizontal line.

Thomas Morrill

Attachments:

CC:

FORM B

PROJECT: Animal Shelter Expansion

CHANGE PROPOSAL NO: 249101-0014

QUOTATION :

Item	Labor	Materials	Subs	Total
Revisions to the Canopy Hood Per ASI 003	\$0.00	\$0.00	\$726.00	\$726.00
CM Fee	\$0.00	\$25.00	\$0.00	\$25.00
To Be Funded By Owners Contingency	\$0.00	\$(751.00)	\$0.00	\$(751.00)

Totals	\$0.00	\$(726.00)	\$726.00	\$0.00
Insurance, Tax, Benefits on Labor				\$0.00
Overhead				\$0.00
Fee on Subs				\$0.00
Fee on JTV				\$0.00
Bond				\$0.00
Remodel Tax				\$0.00
TOTAL				\$0.00

TIME EXTENSION TO CONTRACT: 0 Days

Submitted Date: 5/15/2018

Accepted

By: 

Date: 06-20-2018

VAUGHN CONSTRUCTION

By: 

Thomas Morrill

Proposal Valid for 10 Days

FORM B

PROJECT: Animal Shelter Expansion

CHANGE PROPOSAL NO: 249101-0014

QUOTATION :

Item	Labor	Materials	Subs	Total
Revisions to the Canopy Hood Per ASI 003	\$0.00	\$0.00	\$726.00	\$726.00
CM Fee	\$0.00	\$25.00	\$0.00	\$25.00
To Be Funded By Owners Contingency	\$0.00	\$(751.00)	\$0.00	\$(751.00)

Totals	\$0.00	\$(726.00)	\$726.00	\$0.00
---------------	--------	------------	----------	--------

Insurance, Tax, Benefits on Labor	\$0.00
-----------------------------------	--------

Overhead	\$0.00
----------	--------

Fee on Subs	\$0.00
-------------	--------

Fee on JTV	\$0.00
------------	--------

Bond	\$0.00
------	--------

Remodel Tax	\$0.00
-------------	--------

TOTAL	\$0.00
--------------	---------------


TIME EXTENSION TO CONTRACT: 0 Days

Submitted Date: 5/15/2018

Accepted

VAUGHN CONSTRUCTION

By: _____

By: 
Thomas Morrill

Date _____

Proposal Valid for 10 Days



AIA[®] Document G710[™] – 1992

Architect's Supplemental Instructions

PROJECT: *(Name and address)*

Williamson County Regional Animal Shelter
1855 SE Inner Loop
Georgetown, TX 78626

ARCHITECT'S SUPPLEMENTAL
INSTRUCTION NUMBER: 003

OWNER ☒

ARCHITECT ☒

CONSULTANT ☐

CONTRACTOR ☒

FIELD ☒

OTHER ☐
OWNER: *(Name and address)*

Williamson County -
Williamson County Facilities
3101 SE Inner Loop
Georgetown, TX. 78626

DATE OF ISSUANCE:

05 April 2018

CONTRACT FOR:

New Construction

CONTRACT DATE:

08 January 2018

FROM ARCHITECT: *(Name and address)*

Jackson & Ryan Architects
2370 Rice Blvd., Suite 210
Houston, Texas 77005

TO CONTRACTOR: *(Name and address)*

Vaughn Construction
6604 N. Lamar
Austin, Texas 78752

ARCHITECT'S PROJECT NUMBER: 16042


05 April 2018

The Work shall be carried out in accordance with the following supplemental instructions issued in accordance with the Contract Documents without change in Contract Sum or Contract Time. Proceeding with the Work in accordance with these instructions indicates your acknowledgment that there will be no change in the Contract Sum or Contract Time.

DESCRIPTION:

ASI 003 submits revisions to the Canopy Hood parameters on Mechanical Schedules sheet M.2-0.02.

ATTACHMENTS:

(Here insert listing of documents that support description.)

One (1) 8.5x11 Cover Page, one (1) 8.5x11 Narrative page, and one (1) 24x36 full-size drawing sheet.

ISSUED BY THE ARCHITECT:

(Signature)

Martha Seng, FAIA

(Printed name and title)

JACKSON & RYAN
ARCHITECTS

2370 Rice Boulevard, Suite 210
Houston, TX 77005
713.526.5436



04/05/18

Architect's Supplemental Instructions ASI # 003

☒ CONTRACTOR ☒ FIELD ☒ ARCHITECT ☐ CONSULTANT ☒ OWNER ☐ OTHER

Project: Williamson County Regional Animal Shelter
1855 SE Inner Loop
Georgetown, TX 78626

Date Issued: 04/05/18
Contract For: WilCo Animal Shelter
Contract Dated: 01/8/18

Architect's Project Number: 16042

To Contractor: Thomas Morrill
Vaughn Construction
6604 N. Lamar
Austin, TX. 78752

Owner: Dale Butler
Williamson County Facilities
3101 SE Inner Loop
Georgetown, TX 78626

NOTICE TO CONTRACTOR: These supplemental instructions interpret the Contract Documents or order minor changes in the Work without changing the Contract Sum or Contract Time. Proceeding with the work in accordance with these instructions signifies the Contractor's acknowledgement of no change in the Contract Sum or Contract Time.

Description:

ASI 003 revises Canopy Hood parameters on Mechanical Schedules sheet M.2-0.02.

Attachments:

Sheet M.2-0.02.

Issued by the Architect:


(Signature)

Martha Seng, FAIA

(Printed Name)

C:\Users\rschulte\Documents\1171-002-01_Mech_Kennel Building_R17_1schulte.rvt4/4/2018 2:54:15 PM

SCHEDULE - PACKAGED DX UNIT W/ GAS HEAT																					
MARK	LEVEL	TOTAL CFM	OUTSIDE AIR CFM	SUPPLY AIR						EXHAUST AIR					VOLTS	PH	HZ	MCA	MOCP	MIN DESIGN EER	REMARKS
				TOTAL SUPPLY CFM	QTY. FANS	OUTSIDE AIR FLOW	EXT. S.P. IN. W.G.	MOTOR BHP (SA)	MOTOR HP (SA)	CFM	QTY. FANS	EXT. S.P. IN. W.	MOTOR BHP (EA)	MOTOR HP (EA)							
AHU-1	Level 1	3780	3780	3780	1	3780	0.35	3.22	5	3830	1	0.50	2.17	5	460	3	60	45.7	50	10.8 EER	TRANE HORIZON G300
AHU-2	Level 1	4460	4460	4460	1	4460	0.75	4.63	5	3945	1	0.50	2.38	5	460	3	60	59.2	70	10.8 EER	TRANE HORIZON G240
AHU-3	Level 1	3380	3380	3380	1	3380	0.75	2.61	5	2820	1	0.50	1.58	5	460	3	60	33.3	40	11.0 EER	TRANE HORIZON G144
AHU-4	Level 1	2820	2820	2820	1	2820	0.50	2.19	5	2870	1	0.50	1.37	5	460	3	60	33.3	40	11.0 EER	TRANE HORIZON G144

SCHEDULE - PACKAGED DX UNIT W/ GAS HEAT CONT.																							
MARK	LEVEL	TOTAL CFM	OUTSIDE AIR CFM	GAS HEAT				DX COOLING								REHEAT COIL						MIN DESIGN EER	REMARKS
				CFM	EAT °F	LAT °F	HEATING MBTUH	CFM	EAT DB °F	EAT WB °F	LAT DB °F	LAT WB °F	TOTAL MBTUH	MIN. SENS. MBTUH	REFRIGERANT	CFM MAX	MIN. CAP. MBH	EAT DB	EAT WB	LAT DB	LAT WB		
AHU-1	Level 1	3780	3780	3780	51	80	150	3780	84	69	54	53	188	120	R410A	3780	66	54	53	70	60	10.8 EER	TRANE HORIZON G300
AHU-2	Level 1	4460	4460	4460	49	82	160	4460	85	70	54	53	220	140	R410A	4460	82	54	53	71	60	10.8 EER	TRANE HORIZON G240
AHU-3	Level 1	3380	3380	3380	54	90	120	3380	83	69	55	54	127	87	R410A	3380	55	55	54	70	60	11.0 EER	TRANE HORIZON G144
AHU-4	Level 1	2820	2820	2820	55	94	120	2820	82	68	54	53	125	81	R410A	2820	55	54	53	72	60	11.0 EER	TRANE HORIZON G144

PACKAGED DX UNIT NOTES

1. UNITS SHALL BE HORIZONTAL SUPPLY/HORIZONTAL RETURN. DOWNFLOW UNITS WITH HORIZONTAL DISCHARGE CURBS ARE NOT ACCEPTABLE.
2. UNIT CONSTRUCTION SHALL BE 2" DOUBLE WALL WITH R-13 FOAM INSULATION.
3. UNITS SHALL INCLUDE MINIMUM 6" SEPARATION BETWEEN THE EVAPORATOR COIL AND THE HOT GAS REHEAT COIL.
4. UNITS SHALL INCLUDE APR VALVE ON FIRST CIRCUIT FOR CAPACITY MODULATION.
5. UNITS SHALL INCLUDE STAINLESS STEEL DRAIN PAN.
6. UNITS SHALL INCLUDE STAINLESS STEEL GAS HEAT EXCHANGER.
7. SUPPLY FAN MOTOR SHALL BE ECM OR DIRECT DRIVE WITH VFD AND SLIDE OUT BLOWER.
8. UNITS SHALL INCLUDE POWER EXHAUST.
9. UNITS SHALL INCLUDE HAIL GUARDS.
10. UNIT EFFICIENCIES MUST MEET MINIMUM OF IECC 2012.
11. FURNISH UNITS WITH AN ECONOMIZER.
12. UNITS SHALL INCLUDE ENERGY RECOVERY WHEEL WITH MINIMUM EFFICIENCY AS SCHEDULED BELOW.
13. UNITS SHALL INCLUDE UNIT CONTROLLER WITH LCD DISPLAY FOR EASE OF TROUBLESHOOTING.

SCHEDULE - ENTHALPY WHEEL																										
MARK	LOCATION	SUMMER CONDITIONS										WINTER CONDITIONS										ENTHALPY WHEEL				
		SUPPLY AIR						EXHAUST AIR				SUPPLY AIR						EXHAUST AIR				MOTOR HP	VOLTS	PH	HZ	REMARKS
		CFM	EAT DB	EAT WB	LAT DB	LAT WB	WHEEL SP "H2O	CFM	EAT DB	EAT WB	WHEEL SP "H2O	CFM	EAT DB	EAT WB	LAT DB	LAT WB	WHEEL SP "H2O	CFM	EAT DB	EAT WB	WHEEL SP "H2O					
AHU-1	AHU-1	3780	100	78	82	68	1.00	3830	75	63	1.00	3780	22	22	51	46	1.00	3830	70	58	1.00	0.25	460	3	60	AIRXCHANGE AIRX ERC
AHU-2	AHU-2	4460	100	78	85	70	1.00	3945	75	63	1.00	4460	22	22	49	44	1.00	3945	70	58	1.00	0.25	460	3	60	AIRXCHANGE AIRX ERC
AHU-3	AHU-3	3380	100	78	83	69	0.75	2820	75	63	0.75	3380	22	22	54	48	0.75	2820	70	58	0.75	0.25	460	3	60	AIRXCHANGE AIRX ERC
AHU-4	AHU-4	2820	100	78	82	68	0.75	2870	75	63	0.75	2820	22	22	55	48	0.75	2870	70	58	0.75	0.25	460	3	60	AIRXCHANGE AIRX ERC

ENTHALPY WHEEL NOTES

1. FURNISHED AS PACKAGE WITH AHU.
2. SUPPLY AIR MINIMUM EFFICIENCES FOR AHUS ARE AS FOLLOWS:

AHU-1 - 79%

AHU-2 - 57%

AHU-3 - 67%

AHU-4 - 69%

SCHEDULE - FAN													
MARK	SERVICE	TYPE	DRIVE	CFM	E.S.P IN H20	BRAKE HP	HP	POWER			FAN RPM	INTERLOCK WITH	REMARKS
								VOLTS	PH	HZ			
EF-2-1	HOOD EXHAUST	UPBLAST	DIRECT	825	0.285	0.12	0.25	115	1	60	1551	CH-2-1	GREENHECK CUE-095-VG

FAN SCHEDULE NOTES

1. PROVIDE ALUMINUM INSECT SCREEN.
2. COAT INSIDE/OUTSIDE OF FAN PER SPECIFICATIONS.
3. PROVIDE ROOF CURB, PRE-WIRED DISCONNECT SWITCH. VERIFY ROOF PITCH.
4. PROVIDE WITH FACTORY MATCH STARTER/DISCONNECT TO BE INSTALLED BY DIV. 26.
5. PROVIDE PRE-WIRED MOTORIZED BACKDRAFT DAMPER.

SCHEDULE - CANOPY HOOD												
MARK	LEVEL	SERVICE	TOTAL CFM	S.P. (IN)	CANOPY LENGTH	CANOPY WIDTH	CANOPY HEIGHT	EXHAUST CONNECTION LENGTH	EXHAUST CONNECTION WIDTH	THROAT AREA (SQ FT)	THROAT VELOCITY (FPM)	MANUFACTURER & MODEL
CH-2-1	Level 1	DISH WASH EXHAUST	825	0.035	36"	36"	24"	20"	11"	1.5	540	GREENHECK FGR

CANOPY HOOD SCHEDULE NOTES

1. PROVIDE STAINLESS STEEL CANOPY HOOD.

SCHEDULE - DIFFUSER & GRILLE								
MARK	CFM RANGE	NECK SIZE	SUPPLY	RETURN	EXHAUST	TYPE	PATTERN	MANUFACTURER & MODEL NUMBER
A	0-180	6"	X			24" X 24" PLAQUE	4-WAY	PRICE ASPD FULL FACE ALUMINUM CONSTRUCTION
B	181-350	8"	X			24" X 24" PLAQUE	4-WAY	PRICE ASPD FULL FACE ALUMINUM CONSTRUCTION
C	351-450	10"	X			24" X 24" PLAQUE	4-WAY	PRICE ASPD FULL FACE ALUMINUM CONSTRUCTION
D	451-710	12"	X			24" X 24" PLAQUE	4-WAY	PRICE ASPD FULL FACE ALUMINUM CONSTRUCTION
G	0-160	6"			X	24" X 24" PERF. FACE	PERF	PRICE APDDR ALUMINUM CONSTRUCTION
H	161-275	8"			X	24" X 24" PERF. FACE	PERF	PRICE APDDR ALUMINUM CONSTRUCTION
I	276-435	10"			X	24" X 24" PERF. FACE	PERF	PRICE APDDR ALUMINUM CONSTRUCTION
J	436-625	12"			X	24" X 24" PERF. FACE	PERF	PRICE APDDR ALUMINUM CONSTRUCTION
L	RE: DWGS	RE: DWGS	X			SIDEWALL GRILLE	DOUBLE DEFLECTION	PRICE 620 FS, 3/4" BLADE SPACING ALUMINUM FACE AND FRAME
M	RE: DWGS	RE: DWGS		X	X	SIDEWALL GRILLE	SINGLE DEFLECTION	PRICE 630 FL ALUMINUM FACE AND FRAME

DIFFUSER & GRILLE SCHEDULE NOTES

1. MAX NC-30 FOR ALL AIR DEVICES. NC SHALL BE CALCULATED AS PER AHRI 885-2008 ASSUMING LAY-IN ACOUSTICAL TILE.
2. PROVIDE INTEGRAL OBD FOR SIDEWALL DIFFUSERS AND GRILLES.
3. ALL DIFFUSERS IN GYP. BOARD CEILINGS TO HAVE FLOATABLE EDGE TRIM.

Date Issued:

09/27/17
11/15/17
04/04/18

ISSUE FOR PERMIT
FIRST RE-SUBMITTAL - PLAN REVIEW
ASI-003

GEORGETOWN PROJECT NO. 2017-39592

Project Number: 16042

WILLIAMSON COUNTY
REGIONAL ANIMAL
SHELTER

1855 SE INNER LOOP
GEORGETOWN, TX 78626

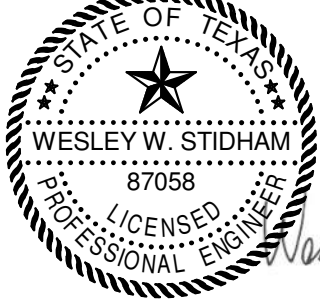
JACKSON & RYAN ARCHITECTS
2370 RICE BOULEVARD, HOUSTON, TEXAS 77005

CIVIL ENGINEER
DAVCAR ENGINEERING
512-328-4428
LANDSCAPE ARCHITECT
GARCIA DESIGN
512-892-0353
STRUCTURAL ENGINEER
MATRIX STRUCTURAL ENGINEERS
713-664-0130
MECHANICAL, ELECTRICAL & PLUMBING ENGINEER
SHAH SMITH & ASSOCIATES, INC.
512-851-0404

GENERAL CONTRACTOR

VAUGHN CONSTRUCTION
512-318-1332

Tx. Registration # F-2113



Sheet Content:

KENNEL - MECHANICAL
SCHEDULES

SCALE: No Scale

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Drawings and Specifications as instruments of service are and shall remain the property of the Architect. They are not to be used on other projects or extensions to this project except by agreement in writing and with appropriate compensation to the Architect. Contractor is responsible for confirming and correlating dimensions at job-site; the Architect will not be responsible for construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the project.

M.2-0.02

Plot Date: 10/18/2017

Harkins Company

Mechanical Contractor

(512) 281-5577 Fax (512) 281-5588

618 Hwy 95 N Elgin, Texas 78621

TACLA27076C M39024

Change Order Proposal - 01

April 12, 2018

Vaughn Construction

Attn: Brandon Smith

Project: Wilco Animal Shelter

RE: ASI-03

Harkins Company submits this change order proposal in response to the changes noted in ASI-03, which changed the size of the canopy hood on page M.2-0.02.

Materials: \$660.00

OH&P (10%): \$ 66.00

TOTAL COST: \$726.00



18551 SE Inner Loop
Georgetown, TX
78626

T: (210) 328-0193

May 15, 2018

Dale Butler
Williamson County
710 Main Street
Georgetown, TX 78626

Re: Animal Shelter Expansion

Job No: 249101

Subj: Change Proposal No. 249101-0015

Dear Sir or Madam:

We respectfully submit our proposal for an increase to our contract in the amount of \$0 (zero) dollars to provide Overtime Hours For Electrical Shutdown For Duct Back Conflict for the above referenced project.

Our price is valid for Ten (10) days

Please indicate your acceptance of this change proposal by signing and returning one copy of the attached Form B breakdown of our cost.

Very truly yours,
VAUGHN CONSTRUCTION

A handwritten signature in blue ink, appearing to read "Tom Morrill", written in a cursive style.

Thomas Morrill

Attachments:

CC:

FORM B

PROJECT: Animal Shelter Expansion

CHANGE PROPOSAL NO: 249101-0015

QUOTATION :

Item	Labor	Materials	Subs	Total
Overtime Hours For Electrical Shutdown	\$0.00	\$0.00	\$1,278.00	\$1,278.00
Subcontractor Default Insurance	\$0.00	\$16.00	\$0.00	\$16.00
To Be Funded By CM Contingency	\$0.00	\$(1,294.00)	\$0.00	\$(1,294.00)

Totals	\$0.00	\$(1,278.00)	\$1,278.00	\$0.00
Insurance, Tax, Benefits on Labor				\$0.00
Overhead				\$0.00
Fee on Subs				\$0.00
Fee on JTV				\$0.00
Bond				\$0.00
Remodel Tax				\$0.00
TOTAL				\$0.00

TIME EXTENSION TO CONTRACT: 0 Days

Submitted Date: 5/15/2018

Accepted

By: 

Date: 06-20-2018

VAUGHN CONSTRUCTION

By: 
Thomas Morrill

Proposal Valid for 10 Days

FORM B

PROJECT: Animal Shelter Expansion

CHANGE PROPOSAL NO: 249101-0015

QUOTATION :

Item	Labor	Materials	Subs	Total
Overtime Hours For Electrical Shutdown	\$0.00	\$0.00	\$1,278.00	\$1,278.00
Subcontractor Default Insurance	\$0.00	\$16.00	\$0.00	\$16.00
To Be Funded By CM Contingency	\$0.00	\$(1,294.00)	\$0.00	\$(1,294.00)

Totals	\$0.00	\$(1,278.00)	\$1,278.00	\$0.00
---------------	--------	--------------	------------	--------

Insurance, Tax, Benefits on Labor	\$0.00
-----------------------------------	--------

Overhead	\$0.00
----------	--------

Fee on Subs	\$0.00
-------------	--------

Fee on JTV	\$0.00
------------	--------

Bond	\$0.00
------	--------

Remodel Tax	\$0.00
-------------	--------

TOTAL	\$0.00
--------------	---------------

TIME EXTENSION TO CONTRACT: 0 Days

Submitted Date: 5/15/2018

Accepted

VAUGHN CONSTRUCTION

By: _____

By: 
Thomas Morrill

Date _____

Proposal Valid for 10 Days



PRICE ONLY PROPOSAL

To: Jay McGilton
Vaughn Construction
512.820.2308

Date: 3-27-18

Project Name: Williamson Co. Regional Animal Shelter
Project Number: 988

Description of Work: PCO #1A **(REVISED PCO #1)**

Scope:

Provide labor and material for the following:

- Add Overtime hours to remove and re-install existing 3- 2" conduit runs for electrical service from transformer to existing "H" Bldg. to allow new storm drain to be installed for new Adoption Bldg.

Cost: \$1,278.00

Exclusions and Clarifications

- i. All work will be performed utilizing union labor after normal business hours.
- ii. This proposal is quoted with information supplied by Vaughn Construction.
- iii. This Change Proposal covers direct cost only and we reserve the right to claim for impact and consequential costs.
- iv. Excludes any cutting, patching, and painting of existing surfaces.

No work will be started until a fully executed Contract, Change Order or Notice to Proceed is received. This proposal is valid for 30 days.

Sincerely,

SCHMIDT  ELECTRIC

Donny Hammers
Project Manager
PCO #1A - Rev #0

CHANGE NOTICE

Schmidt Electric Company, Inc.

9701 FM 1625
Austin, TX 78747

CCN # 1 A
Date: 4/26/2018
Project Name: WILCO RAS
Project Number: WILCO RAS
Page Number: 1

Client Address:

Itemized Breakdown

Description	Qty	Net Price U	Total Mat.
Labor	1	0.01 E	0.01
Totals	1		0.01

Summary

General Materials		0.01
Total Material		0.01
GF ST (520)	(1.00 Hrs @ \$52.22)	52.22
GF OT (520)	(6.00 Hrs @ \$74.93)	449.58
JW OT (520)	(10.00 Hrs @ \$58.81)	588.10
PROJECT MANAGER	(1.00 Hrs @ \$76.97)	76.97
Subtotal		1,166.88
Overhead	(@ 10.000 %)	116.69
Subtotal		1,283.57
Final Adjustment		-5.57
Final Amount		\$1,278.00

CLIENT ACCEPTANCE

CCN #: 1 A

Final Amount: \$1,278.00

Name:

Date:

Signature:

Change Order #:

I hereby accept this quotation and authorize the contractor to complete the above described work.

ORIGINAL



18551 SE Inner Loop
Georgetown, TX
78626

T: (210) 328-0193

May 15, 2018

Dale Butler
Williamson County
710 Main Street
Georgetown, TX 78626

Re: Animal Shelter Expansion

Job No: 249101

Subj: Change Proposal No. 249101-0016

Dear Sir or Madam:

We respectfully submit our proposal for an increase to our contract in the amount of \$0 (zero) dollars to provide Adding Disconnects, Fuses and Unistrut Per RFI 30 for the above referenced project.

Our price is valid for Ten (10) days

Please indicate your acceptance of this change proposal by signing and returning one copy of the attached Form B breakdown of our cost.

Very truly yours,
VAUGHN CONSTRUCTION

A handwritten signature in blue ink, appearing to read "Tom Morrill", written over the printed name.

Thomas Morrill

Attachments:

CC:

FORM B

PROJECT: Animal Shelter Expansion

CHANGE PROPOSAL NO: 249101-0016

QUOTATION :

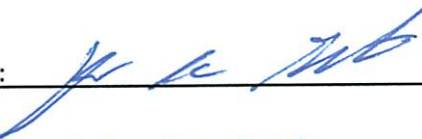
Item	Labor	Materials	Subs	Total
Adding Disconnects, Fuses and Unistrut Per RFI 30	\$0.00	\$0.00	\$5,085.00	\$5,085.00
Subcontractor Default Insurance	\$0.00	\$64.00	\$0.00	\$64.00
CM Fee	\$0.00	\$175.00	\$0.00	\$175.00
To Be Funded By Owners Contingency	\$0.00	\$(5,324.00)	\$0.00	\$(5,324.00)

Totals	\$0.00	\$(5,085.00)	\$5,085.00	\$0.00
	Insurance, Tax, Benefits on Labor			\$0.00
	Overhead			\$0.00
	Fee on Subs			\$0.00
	Fee on JTV			\$0.00
	Bond			\$0.00
	Remodel Tax			\$0.00
	TOTAL			\$0.00


TIME EXTENSION TO CONTRACT: 0 Days

Submitted Date: 5/15/2018

Accepted

By: 
Date: 06-21-2018

VAUGHN CONSTRUCTION

By: 
Thomas Morrill

Proposal Valid for 10 Days

FORM B**PROJECT: Animal Shelter Expansion****CHANGE PROPOSAL NO: 249101-0016****QUOTATION :**

Item	Labor	Materials	Subs	Total
Adding Disconnects, Fuses and Unistrut Per RFI 30	\$0.00	\$0.00	\$5,085.00	\$5,085.00
Subcontractor Default Insurance	\$0.00	\$64.00	\$0.00	\$64.00
CM Fee	\$0.00	\$175.00	\$0.00	\$175.00
To Be Funded By Owners Contingency	\$0.00	\$(5,324.00)	\$0.00	\$(5,324.00)

Totals	\$0.00	\$(5,085.00)	\$5,085.00	\$0.00
Insurance, Tax, Benefits on Labor				\$0.00
Overhead				\$0.00
Fee on Subs				\$0.00
Fee on JTV				\$0.00
Bond				\$0.00
Remodel Tax				\$0.00
TOTAL				\$0.00

TIME EXTENSION TO CONTRACT: 0 Days**Submitted Date:** 5/15/2018**Accepted****VAUGHN CONSTRUCTION****By:** _____
By: _____
Thomas Morrill**Date** _____**Proposal Valid for 10 Days**



PRICE ONLY PROPOSAL

To: Jay McGilton
Vaughn Construction
512.820.2308

Date: 4-5-18

Project Name: Williamson Co. Regional Animal Shelter
Project Number: 988

Description of Work: PCO #2 (RFI #30)

Scope:

Provide labor and material for the following:

- Add Disconnects, Fuses and uni-strut per RFI #30

Cost: \$5,085.00

Exclusions and Clarifications:

- i. There is NO CHARGE for changing Breakers per RFI #30 as there is no cost difference in the Breakers that were changed.
- ii. All work will be performed utilizing union labor during normal business hours.
- iii. This Change Proposal covers direct cost only and we reserve the right to claim for impact and consequential costs.
- iv. Excludes any cutting, patching, and painting of existing surfaces.

No work will be started until a fully executed Contract, Change Order or Notice to Proceed is received. This proposal is valid for 30 days.

Sincerely,

SCHMIDT  ELECTRIC

Donny Hammers
Project Manager
PCO #2- Rev #0

CHANGE NOTICE

Schmidt Electric Company, Inc.

9701 FM 1625
Austin, TX 78747

CCN # 2
Date: 4/5/2018
Project Name: WILCO RAS
Project Number: WILCO RAS
Page Number: 1

Client Address:

Itemized Breakdown

Description	Qty	Net Price U	Total Mat.
1 5/8x 1 5/8x 12G STRUT SLOTTED HOLE GALV	120	583.12 C	699.74
20A 3P BREAKER BOLT-ON	-1	290.25 E	-290.25
70A 3P BREAKER BOLT-ON	1	354.75 E	354.75
60A 600V DSN SW FUSIBLE - NEMA 3R	2	697.95 E	1,395.90
100A 600V DSN SW FUSIBLE - NEMA 3R	1	1,021.05 E	1,021.05
15A FUSE 250V ONE TIME	1	3.20 E	3.20
30A FUSE 600V ONE TIME	-1	15.61 E	-15.61
40A FUSE 600V ONE TIME	1	25.18 E	25.18
50A FUSE 600V ONE TIME	1	29.27 E	29.27
70A FUSE 600V ONE TIME	1	66.20 E	66.20
Totals	126		3,289.43

Summary

General Materials		3,289.43
Total Material		3,289.43
GF ST (520)	(2.00 Hrs @ \$52.22)	104.44
JW ST (520)	(26.00 Hrs @ \$41.34)	1,074.84
PROJECT MANAGER	(2.00 Hrs @ \$76.97)	153.94
Subtotal		4,622.65
Overhead	(@ 10.000 %)	462.27
Subtotal		5,084.92
Final Adjustment		0.08
Final Amount		\$5,085.00

CLIENT ACCEPTANCE

ORIGINAL

REQUEST FOR INFORMATION



18551 SE Inner Loop
Georgetown, TX
78626

T: (210) 328-0193

RFI NO: 30

To: John Benham
Jackson & Ryan Architects
2370 Rice Boulevard, Suite 210
Houston, TX 77005
Phone: (713) 526-5436
Fax:

Date: 3/13/2018

Required By: 3/15/2018

Owner: Williamson County, Texas

From: Thomas Morrill

Job No : 249101

Project: Animal Shelter Expansion
1855 SE Inner Loop
Georgetown, TX 78626

Re: Possible Undersized Breakers for AHU's

Spec. Section:

Drawing Number: E.1-7.01, E.2-7.01

Other Reference:

Question:

Breakers may be undersized to carry loads of AHU's in the following panels:

- Panel H2
- Panel H1 Sec 2

Please confirm

Answer:

See revised drawings.


Five (5) revised Electrical drawing sheets are attached:

E.1-7.01,
E.2-3.21,
E.2-7.01,
E.3-3.23, and
E.3-7.01

John Benham, AIA

Jackson & Ryan Architects

3/28/18



Mark Green, P.E.
Shah Smith & Associates, Inc.
TX Registration #F-2113
03/28/2018

Very truly yours,

VAUGHN CONSTRUCTION

Attachments:

CC:

REQUEST FOR INFORMATION

FROM: Schmidt Electric Company, LLC

RFI NO. 001

SEC JOB NO. 988

TO: Thomas Morrill
Vaughn Construction

INQUIRY DATE 07-Mar-18

DATE NEEDED 14-Mar-18

PROJECT: Williamson Co. Regional Animal Shelter

DRAWING/DETAIL NO.: E.1-7.01/ E.2-7.01

SUBMITTAL NO. _____

SPEC. REFERENCE: _____

OTHER: _____

RFI SUBJECT: Possible undersized breakers for AHU's

Breakers may be undersized to carry loads of AHU's in following : Panel H2 & Panel H1 SEC. 2.

Please verify breaker sizes.

PROPOSED SOLUTION: _____ TIME IMPACT: No COST IMPACT: No

SUBMITTED BY: Donny Hammers

TITLE: Project Manager

ARCHITECTS RESPONSE:

PREPARED BY: _____

DATE: _____

Panel: L2-SECT 1			WILLIAMSON COUNTY					WILLIAMSON COUNTY REGIONAL ANIMAL SHELTER				
Location: COMMUNITY KITCHEN 126			Volts: 120/208 Wye			Bus Rating: 225A			Feed Through: EXISTING			
Supply From:			Phases: 3			MCB: 225A			Sub-Feed: Yes			
Mounting: Surface			A.I.C. Rating: EXISTING / 1			MLO: No			Neutral Rating: 100.00%			
Enclosure: NEMA 1												
Notes:												
Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit
EXISTING	1	RECEPTS	20 A	1	500 VA / 500 VA			1	20 A	RECEPTS	2	EXISTING
EXISTING	3	RECEPTS	20 A	1		500 VA / 500 VA		1	20 A	RECEPTS	4	EXISTING
EXISTING	5	RECEPTS	20 A	1			500 VA / 500 VA	1	20 A	RECEPTS	6	EXISTING
EXISTING	7	RECEPTS	20 A	1	500 VA / 500 VA			1	20 A	IRRIGATION RECEPT	8	EXISTING
EXISTING	9	RECEPTS	20 A	1		500 VA / 500 VA		1	20 A	REFRIGERATOR	10	EXISTING
EXISTING	11	RECEPTS	20 A	1			500 VA / 500 VA	1	20 A	COFFEE	12	EXISTING
EXISTING	13	RECEPTS	20 A	1	500 VA / 500 VA			1	20 A	RECEPTS	14	EXISTING
EXISTING	15	RECEPTS	20 A	1		500 VA / 500 VA		1	20 A	RECEPTS	16	EXISTING
EXISTING	17	RECEPTS	20 A	1			500 VA / 500 VA	1	20 A	AHU-3	18	EXISTING
EXISTING	19	VENDING	20 A	1	500 VA / 500 VA			1	20 A	EF-2	20	EXISTING
EXISTING	21	VENDING	20 A	1		500 VA / 540 VA		1	20 A	Receptacles	22	
EXISTING	23	RECEPTS	20 A	1			500 VA / 500 VA	1	20 A	EF-1	24	EXISTING
EXISTING	25	RECEPTS	20 A	1	500 VA / 500 VA			1	20 A	AHU-2	26	EXISTING
EXISTING	27	RECEPTS	20 A	1		500 VA / 0 VA					28	
EXISTING	29	RECEPTS	20 A	1			500 VA / 500 VA	1	20 A	GWH-1	30	EXISTING
EXISTING	31	RECEPTS	20 A	1	500 VA / 500 VA			1	20 A	GWH-2	32	EXISTING
EXISTING	33	RECEPTS	20 A	1		500 VA / 500 VA		1	20 A	CP-1	34	EXISTING
EXISTING	35	SEC FOR DOOR	20 A	1			500 VA / 500 VA	1	20 A	GRH-1 & 2	36	EXISTING
EXISTING	37	OVERHEAD DOOR	20 A	1	500 VA / 500 VA			1	20 A	EF-4	38	EXISTING
EXISTING	39	COPIER	20 A	1		500 VA / 500 VA		1	20 A	DDC CONTROLS	40	EXISTING
EXISTING	41	LCP-1	20 A	1			500 VA / 500 VA	1	20 A	ATTIC LIGHTS	42	EXISTING
Total Load:					7000 VA	6540 VA	7000 VA					
Total...					59 A	55 A	59 A					
Load Classification												
Receptacles			Connected Load		Demand Factor		Estimated Demand		Panel Totals			
			20540 VA		74.34%		15270 VA					
									Total Conn. Load: 20540 VA			
									Total Est. Demand: 15270 VA			
									Total Conn. Current: 57 A			
									Total Est. Demand Current: 42 A			

Panel: H2			WILLIAMSON COUNTY				WILLIAMSON COUNTY REGIONAL ANIMAL SHELTER					
Location: COMMUNITY KITCHEN 126			Volts: 480/277 Wye		Bus Rating: 400A		Feed Through: EXISTING					
Supply From: SHA			Phases: 3		MCB: 400A		Sub-Feed: No					
Mounting: Surface			A.I.C. Rating: EXISTING		MLO: No		Neutral Rating: 100.00%					
Enclosure: NEMA 1												
Notes:												
Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit
EXISTING	1	SITE LIGHTING	20 A	1	500 VA / 500 VA			1	20 A	SIGN	2	EXISTING
EXISTING	3	SITE LIGHTING	20 A	1		500 VA / 500 VA		1	20 A	SIGN	4	EXISTING
EXISTING	5	SITE LIGHTING	20 A	1			500 VA / 500 VA	1	20 A	MAIN BLDG. EXIT LTS.	6	EXISTING
EXISTING	7	BLDG. LIGHTING	20 A	1	500 VA / 500 VA			1	20 A	KENNEL EXIT LTS.	8	EXISTING
EXISTING	9	3kVA XFMR OUTDOOR KENNEL	20 A	2		250 VA / 500 VA		1	30 A	EUH-1	10	EXISTING
-	11	-	--	--			250 VA / 500 VA	1	30 A	EUH-2	12	EXISTING
EXISTING	13	BLDG. LIGHTS	20 A	1	500 VA / 500 VA			1	30 A	EUH-3	14	EXISTING
EXISTING	15	BLDG. LIGHTING	20 A	1		500 VA / 0 VA		3	50 A	SPARE	16	
EXISTING	17	BLDG. LIGHTING	20 A	1			500 VA / 0 VA	--	--	--	18	-
3#10, #10 GND, 1" C	19	AHU-5	25 A	3	5817 VA / 0 VA			--	--	--	20	-
-	21	-	--	--		5817 VA / 0 VA		3	50 A	SPARE	22	
-	23	-	--	--			5817 VA / 0 VA	--	--	--	24	-
EXISTING	25	CU-2	20 A	3	167 VA / 0 VA			--	--	--	26	-
-	27	-	--	--		167 VA / 0 VA		1	20 A	SPARE	28	
-	29	-	--	--			167 VA / 0 VA	1	20 A	SPARE	30	
EXISTING	31	CU-3	20 A	3	167 VA / 0 VA			1	20 A	SPARE	32	
-	33	-	--	--		167 VA / 0 VA		1	20 A	SPARE	34	
-	35	-	--	--			167 VA / 0 VA	1	20 A	SPARE	36	
EXISTING	37	CU-4	20 A	3	167 VA / 0 VA			3	20 A	T2	38	EXISTING
-	39	-	--	--		167 VA / 0 VA		--	--	--	40	-
-	41	-	--	--			167 VA / 0 VA	--	--	--	42	-
Total Load:					9317 VA	8567 VA	8567 VA					
Total...					34 A	31 A	31 A					
Load Classification												
Motor			Connected Load		Demand Factor		Estimated Demand		Panel Totals			
			17451 VA		100.00%		17451 VA					
Receptacles			9000 VA		100.00%		9000 VA					
									Total Conn. Load: 26451 VA			
									Total Est. Demand: 26451 VA			
									Total Conn. Current: 32 A			
									Total Est. Demand Current: 32 A			

Panel: L2-SECT 2				WILLIAMSON COUNTY				WILLIAMSON COUNTY REGIONAL ANIMAL SHELTER							
Location: COMMUNITY KITCHEN 126				Volts: 120/208 Wye				Bus Rating: 225A				Feed Through: EXISTING			
Supply From:				Phases: 3				MCB: 225A				Sub-Feed: No			
Mounting: Surface				A.I.C. Rating: EXISTING / 1				MLO: No				Neutral Rating: 100.00%			
Enclosure: NEMA 1															
Notes:															
Wire & Conduit		Ckt No.	Circuit Description		Trip	Poles	A	B	C	Poles	Trip	Circuit Description		Ckt No.	Wire & Conduit
EXISTING		1	REFRIGERATOR		20 A	1	500 VA / 0 VA			3	20 A	SPARE		2	
EXISTING		3	COFFEE		20 A	1		500 VA / 0 VA		--	--			4	--
EXISTING		5	RECEPTS		20 A	1			500 VA / 0 VA	--	--			6	--
EXISTING		7	FIRE ALARM PANEL		20 A	1	500 VA / 0 VA			3	20 A	SPARE		8	
EXISTING		9	OUTDOOR OUTLET		20 A	1		500 VA / 0 VA		--	--			10	--
2#10, #10 GND, 3/4"C		11	SURGICAL LIGHT 103		20 A	1			500 VA / 0 VA	--	--			12	--
EXISTING		13	DRYER		20 A	1	500 VA / 167 VA			3	80 A	AHU-4		14	EXISTING
EXISTING		15	DRYER		20 A	1		500 VA / 167 VA		--	--			16	--
EXISTING		17	AH-31		40 A	2			250 VA / 167 VA	--	--			18	--
--		19	--	--	--	--	250 VA / 167 VA			3	20 A	GATE POWER		20	EXISTING
2#10, #10 GND, 3/4"C		21	X-RAY 101		20 A	1		180 VA / 167 VA		--	--			22	--
2#10, #10 GND, 3/4"C		23	AHU-5 AUX (LTG, RCPT)		20 A	1			500 VA / 167 VA	--	--			24	--
		25	SPARE		20 A	1	0 VA / 500 VA			1	20 A	AIR COMPRESSOR		26	EXISTING
		27	SPARE		20 A	1		0 VA / 0 VA		1	20 A	SPARE		28	
		29	SPARE		20 A	1			0 VA / 500 VA	1	20 A	FANS		30	EXISTING
		31	SPARE		20 A	1	0 VA / 250 VA			2	15 A	AC CONDENSOR		32	EXISTING
		33	SPARE		20 A	1		0 VA / 250 VA		--	--			34	--
		35	SPARE		20 A	1			0 VA / 0 VA	1	20 A	SPARE		36	
EXISTING		37	TVSS		30 A	3	167 VA / 0 VA			1	20 A	SPARE		38	
--		39	--	--	--	--		167 VA / 0 VA		1	20 A	SPARE		40	
--		41	--	--	--	--			167 VA / 0 VA	1	20 A	SPARE		42	
Total Load:							3000 VA	2430 VA	2750 VA						
Total...							25 A	20 A	23 A						
Load Classification															
Receptacles															
				Connected Load				Demand Factor				Estimated Demand			
				8180 VA				100.00%				8180 VA			
												Total Conn. Load: 8180 VA			
												Total Est. Demand: 8180 VA			
												Total Conn. Current: 23 A			
												Total Est. Demand Current: 23 A			

Date Issued:

09/27/17 ISSUE FOR PERMIT
10/18/17 ADDENDUM 01
11/15/17 FIRST RE-SUBMITTAL - PLAN REVIEW
03/21/18 RFI-030

GEORGETOWN PROJECT NO. 2017-39592

Project Number: 16042

WILLIAMSON COUNTY
REGIONAL ANIMAL
SHELTER

1855 SE INNER LOOP
GEORGETOWN, TX 78626

JACKSON & RYAN ARCHITECTS
2370 RICE BOULEVARD, HOUSTON, TEXAS 77005

CIVIL ENGINEER
DAYCAR ENGINEERING
512-328-4428
LANDSCAPE ARCHITECT
GARCIA DESIGN
512-892-0353
STRUCTURAL ENGINEER
MATRIX STRUCTURAL ENGINEERS
713-664

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KEYED NOTES - E.2-3.21

- 1 SHADED AREA NOT IN SCOPE OF POWER RENOVATION.
- 2 PROVIDE POWER TO DRYERS AT 90" AFF IN BULKHEAD. COORDINATE WITH OWNER/ARCHITECT FOR FINAL NUMBER OF UNITS AND EXACT LOCATION. PROVIDE NEMA 16-50R.
- 3 PROVIDE POWER TO WASHING MACHINES. COORDINATE WITH OWNER/ARCHITECT FOR FINAL NUMBER OF UNITS AND LOCATION. PROVIDE NEMA L14-20R.
- 4 FACTORY INSTALLED JUNCTION BOX FOR CONNECTION BY DIV 26. DIV 26 NOT TO PENETRATE HOUSING OF MECHANICAL EQUIPMENT. WIRING FROM JUNCTION BOX TO LOAD BY MANUFACTURER.

KEYED NOTES - E.2-3.21

- 5 PROVIDE NEMA 3R, 60A/3P/600V RATED DISCONNECT FUSED AT 50A. UNISTRUT MOUNT DISCONNECT TO EQUIPMENT PAD. COORDINATE LOCATION WITH DIV 23.
- 6 PROVIDE POWER TO MECHANICAL EQUIPMENT AUXILIARIES (LIGHTING, RECEPTACLES, ETC.)
- 7 PROVIDE POWER TO EXHAUST FAN ON ROOF. COORDINATE EXACT LOCATION WITH DIV 23.
- 8 PROVIDE POWER TO COMMERCIAL DISH WASHER.
- 9 REPLACE RECEPTACLE WITH GFCI-PROTECTED RECEPTACLE.
- 10 CONNECT NEW RECEPTACLES TO EXISTING CIRCUIT SERVING DISHWASH 212.

KEYED NOTES - E.2-3.21

- 11 CONNECT NEW RECEPTACLES TO EXISTING CIRCUIT SERVING FOOD PREP 211.
- 12 EXTEND EXISTING CONDUIT FROM KENNEL TELECOM ROOM TO NEW ADOPTIONS TELECOM ROOM.
- 13 CONNECT NEW RECEPTACLES TO EXISTING CIRCUIT SERVING ROOM 201.
- 14 PROVIDE NEMA 3R, 60A/3P/600V RATED DISCONNECT FUSED AT 40A. UNISTRUT MOUNT DISCONNECT TO EQUIPMENT PAD. COORDINATE LOCATION WITH DIV 23.
- 15 PROVIDE NEMA 3R, 100A/3P/600V RATED DISCONNECT FUSED AT 70A. UNISTRUT MOUNT DISCONNECT TO EQUIPMENT PAD. COORDINATE LOCATION WITH DIV 23.

GENERAL NOTES - POWER

- A. TELECOM, SECURITY, A/V OUTLETS, ADDITIONAL POWER AND OTHER COMMUNICATIONS SYSTEMS DEVICES ARE BY OWNER. COORDINATE WITH OWNER AND COMMUNICATION SUPPLIER FOR LOCATIONS AND REQUIREMENTS. TELECOM SPECS TO BE PROVIDED BY OWNER UNDER SEPARATE COVER.
- B. ALL RECEPTACLES ARE MOUNTED 18" UON. VERIFY HEIGHT AND ALIGNMENT OF DEVICES WITH ARCHITECTURAL DRAWINGS. COORDINATE OUTLET/RECEPTACLE LOCATIONS WITH MILL WORK, CASEWORK, ETC.
- C. LOCATE ALL LOCAL DISCONNECT SWITCHES FOR MECHANICAL EQUIPMENT ADJACENT TO, BUT SEPARATE FROM, EQUIPMENT SERVED. PROVIDE SECURELY-ANCHORED METAL FRAMING PER SECTION 260529.
- D. PROVIDE MOTOR RATED SNAP SWITCH AT ACCESSIBLE ABOVE CEILING LOCATION, SEPARATE BUT ADJACENT TO VV BOXES. SEE MECHANICAL DRAWINGS FOR LOCATION AND QUANTITIES.
- E. UPDATE PANELBOARD SCHEDULES UPON COMPLETION OF PROJECT TO REFLECT FINAL CIRCUIT NUMBERS AND DESCRIPTIONS.

Date Issued:

09/27/17 ISSUE FOR PERMIT
10/18/17 ADDENDUM 01
11/15/17 FIRST RE-SUBMITTAL - PLAN REVIEW
03/21/18 RFI-030

GEORGETOWN PROJECT NO. 2017-39592

Project Number: 16042

Williamson County
Regional Animal Shelter

1855 SE INNER LOOP
GEORGETOWN, TEXAS 78626

JACKSON & RYAN ARCHITECTS
2370 RICE BOULEVARD, HOUSTON, TEXAS 77005

CIVIL ENGINEER
DAYCAR ENGINEERING
512-328-4428
LANDSCAPE ARCHITECT
GARCIA DESIGN
512-892-0353
STRUCTURAL ENGINEER
MATRIX STRUCTURAL ENGINEERS
713-664-0130
MECHANICAL, ELECTRICAL & PLUMBING ENGINEER
SHAH SMITH & ASSOCIATES, INC.
512-851-0404

GENERAL CONTRACTOR
VAUGHN CONSTRUCTION
512-318-1332

Tx. Registration # F-2113



Sheet Content:

KENNEL - RENOVATION -
POWER PLAN - LEVEL 1

SCALE: As indicated

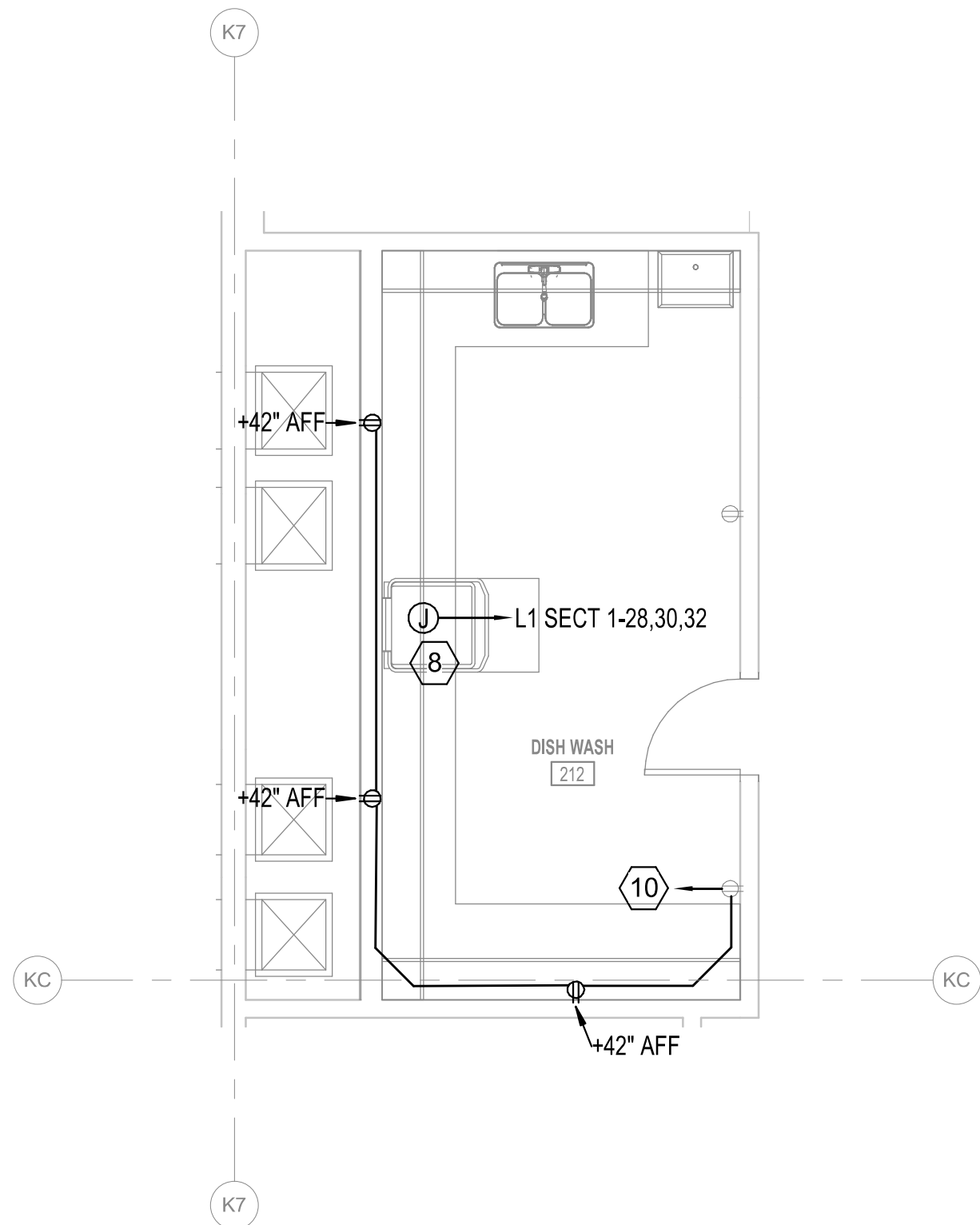
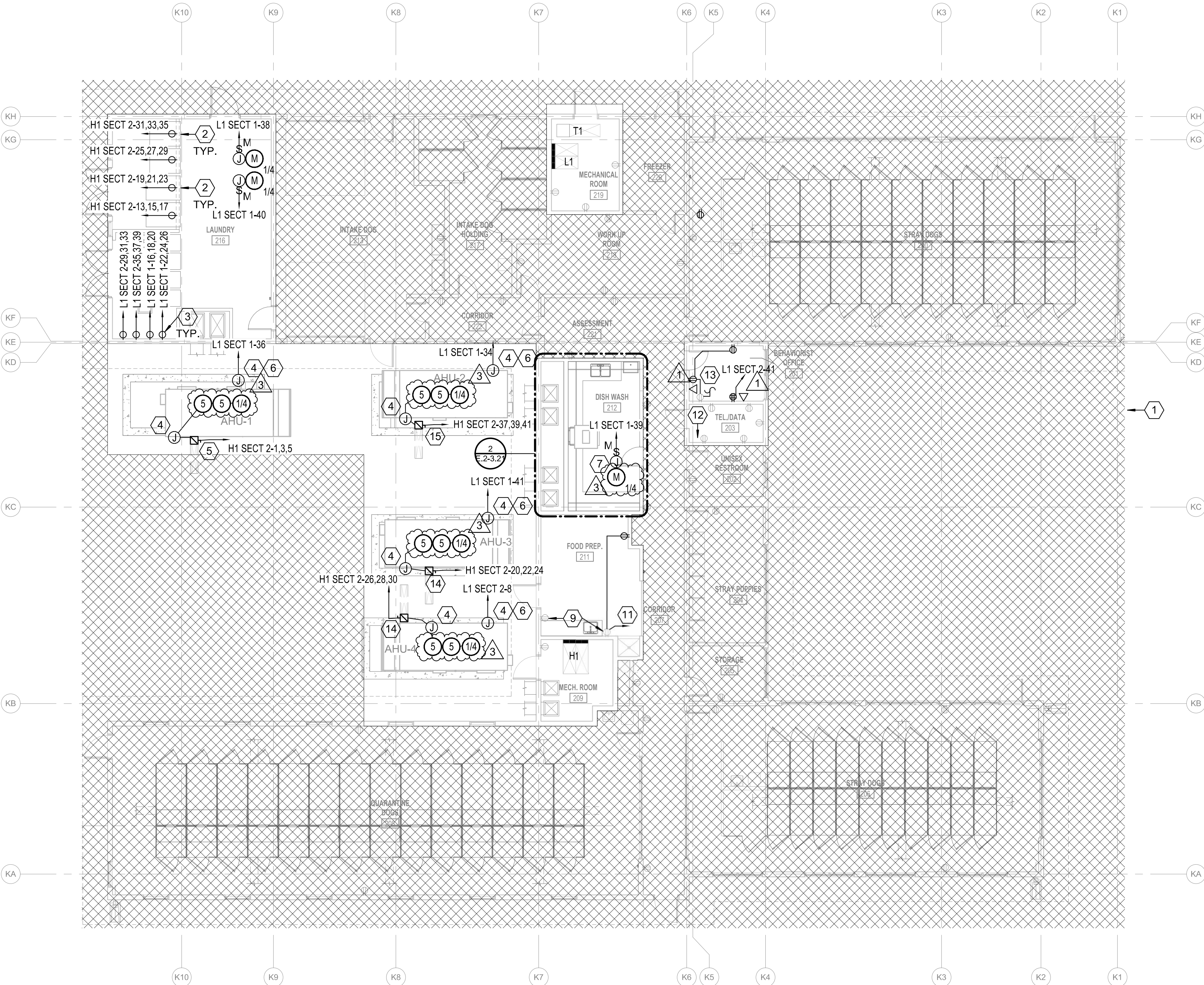
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Drawings and Specifications as instruments of service are and shall remain the property of the Architect. They are not to be used on other projects or extensions to this project except by agreement in writing and with appropriate compensation to the Architect. Contractor is responsible for confirming and correlating dimensions at job site; the Architect will not be responsible for construction means, methods, techniques, sequences or procedures; or for safety precautions and programs in connection with the project.

E.2-3.21

Plot Date: 10/18/2017

1 KENNEL - POWER PLAN - RENOVATION
1/8" = 1'-0"



2 KENNEL - ENLARGED POWER PLAN -
RENOVATION - DISH WASH

1/4" = 1'-0"

0' 8' 16'
1/8" = 1'-0"

Panel: H1 SECT 1					Williamson County Regional Animal Shelter								
Location: MECH. ROOM 209					Volts: 480/277 Wye			Bus Rating: 400A			Feed Through: EXISTING		
Supply From: SHA					Phases: 3			MCB: 400A			Sub-Feed: Yes		
Mounting: Surface					A.I.C. Rating: EXISTING			MLO: No			Neutral Rating: 100.00%		
Enclosure: Type 1													
Notes:													
Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit	
MATCH EXISTING	1	LIGHTING HALL AND SALLY PORT	20 A	1	659 VA / 333 VA			3	20 A	CU-6	2	EXISTING	
MATCH EXISTING	3	LIGHTING WEST WING	20 A	1		500 VA / 333 VA		--	--	--	4	--	
MATCH EXISTING	5	LIGHTING EAST WING	20 A	1			560 VA / 333 VA	--	--	--	6	--	
EXISTING	7	VF-1	20 A	3	167 VA / 333 VA			3	20 A	CU-5	8	EXISTING	
--	9	--	--	--		167 VA / 333 VA		--	--	--	10	--	
--	11	--	--	--			167 VA / 333 VA	--	--	--	12	--	
EXISTING	13	VF-2	20 A	3	333 VA / 167 VA			3	20 A	CU-7	14	EXISTING	
--	15	--	--	--		333 VA / 167 VA		--	--	--	16	--	
--	17	--	--	--			333 VA / 167 VA	--	--	--	18	--	
EXISTING	19	VF-3	20 A	3	333 VA / 167 VA			3	20 A	CU-8	20	EXISTING	
--	21	--	--	--		333 VA / 167 VA		--	--	--	22	--	
--	23	--	--	--			333 VA / 167 VA	--	--	--	24	--	
EXISTING	25	EUH-4	30 A	1	1000 VA / 0 VA			1	20 A	SPARE	26		
EXISTING	27	EUH-5	30 A	1		1000 VA / 0 VA		1	20 A	SPARE	28		
EXISTING	29	EUH-6	30 A	1			1000 VA / 0 VA	1	20 A	SPARE	30		
EXISTING	31	EDH-4	20 A	1	1000 VA / 0 VA			1	20 A	SPARE	32		
	33	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	34		
	35	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	36		
EXISTING	37	F-1	20 A	3	333 VA / 9041 VA			3	20 A	XFMR T-1	38	EXISTING	
--	39	--	--	--		333 VA / 9709 VA		--	--	--	40	--	
--	41	--	--	--			333 VA / 8373 VA	--	--	--	42	--	
Total Load:					13867 VA	13376 VA	12100 VA						
Total...					51 A	49 A	44 A						
Load Classification			Connected Load		Demand Factor		Estimated Demand		Panel Totals				
LIGHTING			219 VA		125.00%		273 VA						
Motor			2004 VA		100.00%		2004 VA		Total Conn. Load: 39343 VA				
Receptacles			37120 VA		63.47%		23560 VA		Total Est. Demand: 25837 VA				
									Total Conn. Current: 47 A				
									Total Est. Demand Current: 31 A				

Panel: L1 SECT 1					Williamson County Regional Animal Shelter							
Location: MECHANICAL ROOM 219					Volts: 120/208 Wye		Bus Rating: 225A		Feed Through: EXISTING			
Supply From: T1					Phases: 3		MCB: 150A		Sub-Feed: Yes			
Mounting: Surface					A.I.C. Rating: EXISTING		MLO: No		Neutral Rating: 100.00%			
Enclosure: NEMA 1												
Notes:												
Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit
EXISTING	1	RECEPTS	20 A	1	180 VA / 500 VA			1	20 A	RECEPTS	2	EXISTING
EXISTING	3	RECEPTS	20 A	1		180 VA / 500 VA		1	20 A	RECEPTS	4	EXISTING
EXISTING	5	RECEPTS	20 A	1			180 VA / 500 VA	1	20 A	RECEPTS	6	EXISTING
EXISTING	7	RECEPTS	20 A	1	180 VA / 500 VA			1	20 A	RECEPTS	8	EXISTING
EXISTING	9	RECEPTS	20 A	1		180 VA / 500 VA		1	20 A	RECEPTS	10	EXISTING
EXISTING	11	RECEPTS	20 A	1			180 VA / 500 VA	1	20 A	RECEPTS	12	EXISTING
EXISTING	13	RECEPTS	20 A	1	180 VA / 500 VA			1	20 A	RECEPTS	14	EXISTING
EXISTING	15	RECEPTS	20 A	1		180 VA / 1833 VA		3	20 A	WASHING MACHINE	16	3#10, #10 GND, 1°C
EXISTING	17	RECEPTS	20 A	1			180 VA / 1833 VA	--	--	--	18	--
EXISTING	19	OVERHEAD DOOR	20 A	1	500 VA / 1833 VA			--	--	--	20	--
EXISTING	21	SEC. DOOR	20 A	1		500 VA / 1833 VA		3	20 A	WASHING MACHINE	22	3#10, #10 GND, 1°C
EXISTING	23	SEC. DOOR	20 A	1			500 VA / 1833 VA	--	--	--	24	--
EXISTING	25	GRH-15, 17, 19	20 A	1	500 VA / 1833 VA			--	--	--	26	--
EXISTING	27	GRH-16, 18, 20	20 A	1		500 VA / 167 VA		3	20 A	DISH WASHER	28	3#10, #10 GND, 1°C
EXISTING	29	GRH-21, 23, 25, 27	20 A	1			500 VA / 167 VA	--	--	--	30	--
EXISTING	31	GRH-22, 24, 26, 28	20 A	1	500 VA / 167 VA			--	--	--	32	--
EXISTING	33	GRH-5, 7, 9, 11	20 A	1		500 VA / 500 VA		1	20 A	AHU-2 AUX (LTG, RCPT)	34	2#10, #10 GND, 3/4°C
EXISTING	35	GRH-6, 8, 10, 12, 14	20 A	1			500 VA / 500 VA	1	20 A	AHU-1 AUX (LTG, RCPT)	36	2#10, #10 GND, 3/4°C
EXISTING	37	GRH-3, 4	20 A	1	500 VA / 1168 VA			1	20 A	GWH-1	38	2#10, #10 GND, 3/4°C
2#10, #10 GND, 3/4°C	39	KH-2-1	15 A	1		1168 VA / 1168 VA		1	20 A	GWH-2	40	2#10, #10 GND, 3/4°C
2#10, #10 GND, 3/4°C	41	AHU-3 AUX (LTG, RCPT)	20 A	1			500 VA / 500 VA	1	20 A	ATTIC LTG	42	EXISTING
Total Load:					9041 VA	9709 VA	8373 VA					
Total...					76 A	82 A	70 A					
Load Classification			Connected Load		Demand Factor		Estimated Demand		Panel Totals			
Motor			2004 VA		100.00%		2004 VA					
Receptacles			25120 VA		69.90%		17560 VA		Total Conn. Load: 27124 VA			
									Total Est. Demand: 19564 VA			
									Total Conn. Current: 75 A			
									Total Est. Demand Current: 54 A			

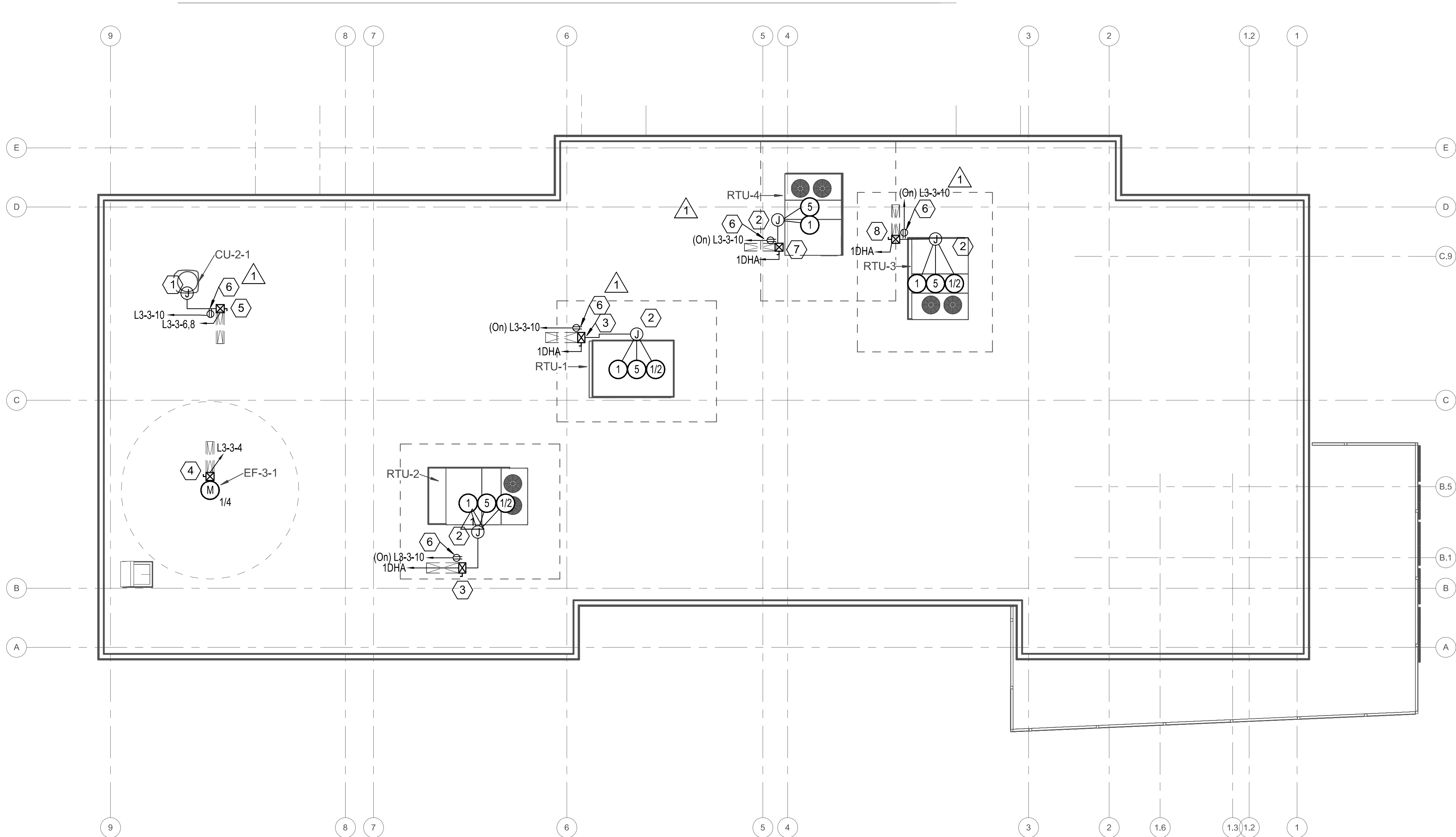
Panel: H1 SECT 2					Williamson County Regional Animal Shelter					1		
Location: MECH. ROOM 209					Volts: 480/277 Wye		Bus Rating: 400A		Feed Through: EXISTING			
Supply From: H1 SECT 1					Phases: 3		MCB: 400A		Sub-Feed: No			
Mounting: Surface					A.I.C. Rating: EXISTING		MLO: No		Neutral Rating: 100.00%			
Enclosure: Type 1												
Notes:												
Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit
3#8, #10 GND, 3/4" C	1	AHU-1	50 A	3	12659 VA / 167 VA			3	20 A	EDH-1	2	EXISTING
-	3	-	-	-		12659 VA / 167 VA		-	-	-	4	-
-	5	-	-	-			12659 VA / 167 VA	-	-	-	6	-
EXISTING	7	F-3	20 A	3	167 VA / 167 VA			3	20 A	EDH-2	8	EXISTING
-	9	-	-	-		167 VA / 167 VA		-	-	-	10	-
-	11	-	-	-			167 VA / 167 VA	-	-	-	12	-
3#10, #10GND, 1" C	13	DRYER	50 A	3	10000 VA / 167 VA			3	20 A	EDH-3	14	EXISTING
-	15	-	-	-		10000 VA / 167 VA		-	-	-	16	-
-	17	-	-	-			10000 VA / 167 VA	-	-	-	18	-
3#10, #10GND, 1" C	19	DRYER	50 A	3	10000 VA / 9224 VA			3	40 A	AHU-3	20	3#8, #10GND, 3/4" C
-	21	-	-	-		10000 VA / 9224 VA		-	-	-	22	-
-	23	-	-	-			10000 VA / 9224 VA	-	-	-	24	-
3#10, #10GND, 1" C	25	DRYER	50 A	3	10000 VA / 9224 VA			3	40 A	AHU-4	26	3#8, #10GND, 3/4" C
-	27	-	-	-		10000 VA / 9224 VA		-	-	-	28	-
-	29	-	-	-			10000 VA / 9224 VA	-	-	-	30	-
3#10, #10GND, 1" C	31	DRYER	50 A	3	10000 VA / 0 VA			1	20 A	SPARE	32	
-	33	-	-	-		10000 VA / 0 VA		1	20 A	SPARE	34	
-	35	-	-	-			10000 VA / 0 VA	1	20 A	SPARE	36	
3#4, #8 GND, 1" C	37	AHU-2	70 A	3	16398 VA / 0 VA			1	20 A	SPARE	38	
-	39	-	-	-		16398 VA / 0 VA		1	20 A	SPARE	40	
-	41	-	-	-			16398 VA / 0 VA	1	20 A	SPARE	42	
Total Load:					88172 VA	88172 VA	88172 VA					
Total...					318 A	318 A	318 A					
Load Classification					Connected Load		Demand Factor		Estimated Demand		Panel Totals	
Motor					142516 VA		100.00%		142516 VA			
Receptacles					122000 VA		54.10%		66000 VA		Total Conn. Load: 264516 VA	
											Total Est. Demand: 208516 VA	
											Total Conn. Current: 318 A	
											Total Est. Demand Current: 251 A	

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1 ROOF POWER PLAN

1/8" = 1'-0"



KEYED NOTES - E.3-3.23

- 1 PROVIDE 208V/1P POWER TO CONDENSING UNIT. INDOOR UNIT IS POWERED VIA OUTDOOR UNIT. PROVIDE ALL CONTROLS AND POWER CONDUIT/CONDUCTORS AS REQUIRED BETWEEN UNITS. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATION.
- 2 FACTORY INSTALLED JUNCTION BOX FOR CONNECTION BY DIV 26. DIV 26 NOT TO PENETRATE HOUSING OF MECHANICAL EQUIPMENT. WIRING FROM JUNCTION BOX TO LOAD BY MANUFACTURER.
- 3 PROVIDE NEMA 3R, 100A/3P/600V RATED STARTER/DISCONNECT FUSED AT 70A. UNISTRUT MOUNT DISCONNECT TO EQUIPMENT PAD. COORDINATE LOCATION WITH DIV 23.
- 4 INSTALL STARTER/DISCONNECT FURNISHED BY DIV 23. COORDINATE LOCATION WITH DIV 23.

KEYED NOTES - E.3-3.23

- 5 PROVIDE NEMA 3R, 30A/3P/240V RATED STARTER/DISCONNECT FUSED AT 15A. UNISTRUT MOUNT DISCONNECT TO EQUIPMENT PAD. COORDINATE LOCATION WITH DIV 23.
- 6 PROVIDE GFCI RECEPTACLE WITH WEATHERPROOF WHILE IN USE COVERS MOUNTED TO SAME FRAME AS DISCONNECT.
- 7 PROVIDE NEMA 3R, 60A/3P/600V RATED STARTER/DISCONNECT FUSED AT 60A. UNISTRUT MOUNT DISCONNECT TO EQUIPMENT PAD. COORDINATE LOCATION WITH DIV 23.
- 8 PROVIDE NEMA 3R, 60A/3P/600V RATED STARTER/DISCONNECT FUSED AT 45A. UNISTRUT MOUNT DISCONNECT TO EQUIPMENT PAD. COORDINATE LOCATION WITH DIV 23.

GENERAL NOTES - LIGHTNING PROTECTION

- A. COORDINATE WITH GROUNDING PLAN ON MEP1.0.
- B. REFER TO LIGHTNING PROTECTION DETAILS ON SHEET E-604. COORDINATE ELECTRICAL WORK WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND PLUMBING TO AVOID INTERFERENCE WITH OR COMPROMISE OF OTHER SYSTEMS.
- C. INSTALLATION SHALL COMPLY IN ALL ASPECTS TO L.P.I. CODE 175. INSTALLATION SHALL BE MADE BY OR UNDER SUPERVISION OF AN L.P.I. CERTIFIED MASTER INSTALLER. UPON COMPLETION, THE L.P.I. CERTIFICATE WILL BE OBTAINED.
- D. COMPLETE DESIGN DRAWINGS SHOWING TYPE, SIZE, AND LOCATION OF ALL GROUNDING DOWN CONDUCTORS, THROUGH ROOF/THROUGH WALL ASSEMBLIES, ROOF CONDUCTORS, AIR TERMINALS, AND PANEL MOUNTED SURGE PROTECTION DEVICES (SPD) SHALL BE SUBMITTED TO THE ARCHITECT AND ENGINEER FOR APPROVAL.
- E. BOND METAL BODIES ON ROOF THAT ARE OUTSIDE THE ZONE OF PROTECTION THAT ARE SUBJECT TO A DIRECT LIGHTNING STRIKE OR WHICH EXCEED HEIGHT OF ADJACENT AIR TERMINALS WITH MAIN SIZE CONDUCTOR CABLE. TYPICAL METAL BODIES INCLUDE, BUT ARE NOT LIMITED TO, EXHAUST FANS, VENTS, HANDRAILS, ROOFTOP UNITS, LADDERS, AND ANTENNAS.

GENERAL NOTES - POWER - ROOF

- A. RECEPTACLES ARE TO BE GFCI-RATED, WITH WEATHERPROOF-WHILE-IN-USE COVER AND MOUNTED AT +18". VERIFY HEIGHT AND ALIGNMENT OF DEVICES WITH ARCHITECTURAL DRAWINGS. COORDINATE OUTLET/RECEPTACLE LOCATIONS WITH MILL WORK, CASEWORK, ETC.
- B. LOCATE ALL LOCAL DISCONNECT SWITCHES FOR MECHANICAL EQUIPMENT ADJACENT TO, BUT SEPARATE FROM, EQUIPMENT SERVED. PROVIDE SECURELY-ANCHORED METAL FRAMING PER SECTION 260529.
- C. UPDATE PANELBOARD SCHEDULES UPON COMPLETION OF PROJECT TO REFLECT FINAL CIRCUIT NUMBERS AND DESCRIPTIONS.

Date Issued:

09/27/17 ISSUE FOR PERMIT
10/18/17 ADDENDUM 01
11/15/17 FIRST RE-SUBMITTAL - PLAN REVIEW
03/21/18 RFI-030

GEORGETOWN PROJECT NO. 2017-39592

Project Number: 16042

Williamson County Regional Animal Shelter

1855 SE INNER LOOP
GEORGETOWN, TEXAS 78626

JACKSON & RYAN ARCHITECTS
2370 RICE BOULEVARD, HOUSTON, TEXAS 77005

CIVIL ENGINEER
DAVCAR ENGINEERING
512-328-4428
LANDSCAPE ARCHITECT
GARCIA DESIGN
512-892-0353
STRUCTURAL ENGINEER
MATRIX STRUCTURAL ENGINEERS
713-664-0130
MECHANICAL, ELECTRICAL & PLUMBING ENGINEER
SHAH SMITH & ASSOCIATES, INC.
512-851-0404

GENERAL CONTRACTOR

VAUGHN CONSTRUCTION
512-318-1332

Tx. Registration # F-2113



Sheet Content:

NEW ADOPTIONS - POWER
PLAN - ROOF

SCALE: As indicated

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Drawings and Specifications as instruments of service are and shall remain the property of the Architect. They are not to be used on other projects or extensions to this project except by agreement in writing and with appropriate compensation to the Architect. Contractor is responsible for confirming and correlating dimensions at job site; the Architect will not be responsible for construction means, methods, techniques, sequences or procedures; or for safety precautions and programs in connection with the project.

E.3-3.23

Plot Date: 10/18/2017

0' 8' 16'
1/8" = 1'-0"

Panel: L3-1				Williamson County				Williamson County Regional Animal Shelter							
Location:		ELECTRICAL 318		Volts:		120/208 Wye		Bus Rating:		100A		Feed Through:			
Supply From:		1DLA		Phases:		3		MCB:		100A		Sub-Feed:		No	
Mounting:		Surface		A.I.C. Rating:		10,000		MLO:		No		Neutral Rating:		100.00%	
Enclosure:		NEMA 1													
Notes:															
Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit			
2#12, #12 GND, 3/4"C	1	EXTERIOR WP RCPT SW WALL	20 A	1	720 VA / 1168 VA			1	15 A	GWH-1	2	2#10, #10 GND, 3/4"C			
2#12, #12 GND, 3/4"C	3	EXTERIOR WP RCPT N WALL	20 A	1		540 VA / 1168 VA		1	15 A	HWC-1	4	2#10, #10 GND, 3/4"C			
2#12, #12 GND, 3/4"C	5	RCPT RM 321	20 A	1			1080 VA / 90 VA	2	30 A	WASHDOWN EQUIPMENT	6	2#10, #10 GND, 3/4"C			
2#12, #12 GND, 3/4"C	7	GFCI RCPT RM 311	20 A	1	180 VA / 90 VA			--	--	--	8	--			
2#12, #12 GND, 3/4"C	9	RCPT RM 315	20 A	1		900 VA / 90 VA		2	30 A	WASHDOWN EQUIPMENT	10	2#10, #10 GND, 3/4"C			
2#12, #12 GND, 3/4"C	11	GFCI RCPT RM 310	20 A	1			360 VA / 90 VA	--	--	--	12	--			
2#12, #12 GND, 3/4C	13	RCPT RM 314	20 A	1	900 VA / 90 VA			2	30 A	WASHDOWN EQUIPMENT	14	2#10, #10 GND, 3/4"C			
2#12, #12 GND, 3/4"C	15	RCPT RM 314	20 A	1		720 VA / 90 VA		--	--	--	16	--			
2#12, #12 GND, 3/4"C	17	EXTERIOR WP RCPT S WALL	20 A	1			900 VA / 90 VA	2	30 A	WASHDOWN EQUIPMENT	18	2#10, #10 GND, 3/4"C			
2#12, #12 GND, 3/4"C	19	RCPT RM 303	20 A	1	1080 VA / 90 VA			--	--	--	20	--			
2#12, #12 GND, 3/4"C	21	GFCI RCPT RM 301	20 A	1		360 VA / 180 VA		1	20 A	WASHDOWN EQUIPMENT	22	2#10, #10 GND, 3/4"C			
2#12, #12 GND, 3/4"C	23	RCPT ELECTRIC RM 318	20 A	1			360 VA / 180 VA	1	20 A	WASHDOWN EQUIPMENT	24	2#10, #10 GND, 3/4"C			
2#12, #12 GND, 3/4"C	25	RCPTS: PLUMBING ROOM 312	20 A	1	360 VA / 180 VA			1	20 A	WASHDOWN EQUIPMENT	26	2#10, #10 GND, 3/4"C			
2#10, #10 GND, 3/4"C	27	LCP-2	20 A	1		50 VA / 180 VA		1	20 A	WASHDOWN EQUIPMENT	28	2#10, #10 GND, 3/4"C			
2#10, #10 GND, 3/4"C	29	ELEV SHUNT TRIP	20 A	1			50 VA / 0 VA	1	20 A	SPARE	30				
2#10, #10 GND, 3/4"C	31	ESP-1	20 A	2	564 VA / 0 VA			1	20 A	SPARE	32				
--	33	--	--	--		564 VA / 0 VA		1	20 A	SPARE	34				
2#10, #10 GND, 3/4"C	35	RCPT PUMP ROOM	20 A	1			360 VA / 0 VA	1	20 A	SPARE	36				
	37	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	38				
	39	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	40				
	41	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	42				
Total Load:					5422 VA	4842 VA	3560 VA								
Total...					47 A	42 A	30 A								
Load Classification			Connected Load		Demand Factor		Estimated Demand		Panel Totals						
Motor			2463 VA		100.00%		2463 VA								
NON-CONTINUOUS			100 VA		100.00%		100 VA		Total Conn. Load: 13823 VA						
Receptacles			11260 VA		94.40%		10630 VA		Total Est. Demand: 13193 VA						
									Total Conn. Current: 38 A						
									Total Est. Demand Current: 37 A						

1

2

1

Panel: L3-2			Williamson County				Williamson County Regional Animal Shelter					
Location: ELECTRICAL 318			Volts: 120/208 Wye		Bus Rating: 100A		Feed Through:					
Supply From: 1DLA			Phases: 3		MCB: 100A		Sub-Feed: No					
Mounting: Surface			A.I.C. Rating: 10,000		MLO: No		Neutral Rating: 100.00%					
Enclosure: NEMA 1												
Notes:												
Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit
	1	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	2	
	3	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	4	
	5	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	6	
	7	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	8	
	9	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	10	
	11	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	12	
	13	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	14	
	15	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	16	
	17	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	18	
	19	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	20	
	21	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	22	
	23	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	24	
	25	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	26	
	27	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	28	
	29	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	30	
	31	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	32	
	33	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	34	
	35	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	36	
	37	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	38	
	39	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	40	
	41	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	42	
Total Load:					0 VA	0 VA	0 VA					
Total...					0 A	0 A	0 A					
Load Classification			Connected Load		Demand Factor		Estimated Demand		Panel Totals			
									Total Conn. Load: 0 VA			
									Total Est. Demand: 0 VA			
									Total Conn. Current: 0 A			
									Total Est. Demand Current: 0 A			

Panel: L3-4			Williamson County				Williamson County Regional Animal Shelter					
Location: ELECTRICAL 318			Volts: 120/208 Wye		Bus Rating: 100A		Feed Through:					
Supply From: 1DLA			Phases: 3		MCB: 100A		Sub-Feed: No					
Mounting: Surface			A.I.C. Rating: 10,000		MLO: No		Neutral Rating: 100.00%					
Enclosure: NEMA 1												
Notes:												
Wire & Conduit	Ckt No.	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	Ckt No.	Wire & Conduit
	1	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	2	
	3	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	4	
	5	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	6	
	7	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	8	
	9	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	10	
	11	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	12	
	13	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	14	
	15	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	16	
	17	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	18	
	19	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	20	
	21	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	22	
	23	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	24	
	25	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	26	
	27	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	28	
	29	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	30	
	31	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	32	
	33	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	34	
	35	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	36	
	37	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	38	
	39	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	40	
	41	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	42	
Total Load:					0 VA	0 VA	0 VA					
Total...					0 A	0 A	0 A					
Load Classification			Connected Load		Demand Factor		Estimated Demand		Panel Totals			
									Total Conn. Load: 0 VA			
									Total Est. Demand: 0 VA			
									Total Conn. Current: 0 A			
									Total Est. Demand Current: 0 A			

Date Issued:

09/27/17 ISSUE FOR PERMIT
10/18/17 ADDENDUM 01
11/07/17 ADDENDUM 02
11/15/17 FIRST RE-SUBMITTAL - PLAN REVIEW
03/21/18 RFI-030

GEORGETOWN PROJECT NO. 2017-39592

Project Number: 16042

Williamson County Regional Animal Shelter



18551 SE Inner Loop
Georgetown, TX
78626

T: (210) 328-0193

May 15, 2018

Dale Butler
Williamson County
710 Main Street
Georgetown, TX 78626

Re: Animal Shelter Expansion

Job No: 249101

Subj: Change Proposal No. 249101-0017

Dear Sir or Madam:

We respectfully submit our proposal for an increase to our contract in the amount of \$0 (zero) dollars to provide Adding Disconnects, Fuses and Unistrut Per ASI 002 for the above referenced project.

Our price is valid for Thirty (30) days

Please indicate your acceptance of this change proposal by signing and returning one copy of the attached Form B breakdown of our cost.

Very truly yours,
VAUGHN CONSTRUCTION

A handwritten signature in blue ink, appearing to read "Tom Morrill", written over the printed name.

Thomas Morrill

Attachments:

CC:

FORM B

PROJECT: Animal Shelter Expansion

CHANGE PROPOSAL NO: 249101-0017

QUOTATION :

Item	Labor	Materials	Subs	Total
Adding Disconnects, Fuses and Unistrut Per ASI 002	\$0.00	\$0.00	\$4,752.00	\$4,752.00
Subcontractor Default Insurance	\$0.00	\$59.00	\$0.00	\$59.00
CM Fee	\$0.00	\$164.00	\$0.00	\$164.00
To Be Funded By Owners Contingency	\$0.00	\$(4,975.00)	\$0.00	\$(4,975.00)

Totals	\$0.00	\$(4,752.00)	\$4,752.00	\$0.00
	Insurance, Tax, Benefits on Labor			\$0.00
	Overhead			\$0.00
	Fee on Subs			\$0.00
	Fee on JTV			\$0.00
	Bond			\$0.00
	Remodel Tax			\$0.00
	TOTAL			\$0.00

TIME EXTENSION TO CONTRACT: 0 Days

Submitted Date: 5/15/2018

Accepted

VAUGHN CONSTRUCTION

By: 

By: 

Thomas Morrill

Date 06-20-2017

Proposal Valid for 30 Days

FORM B

PROJECT: Animal Shelter Expansion

CHANGE PROPOSAL NO: 249101-0017

QUOTATION :

Item	Labor	Materials	Subs	Total
Adding Disconnects, Fuses and Unistrut Per ASI 002	\$0.00	\$0.00	\$4,752.00	\$4,752.00
Subcontractor Default Insurance	\$0.00	\$59.00	\$0.00	\$59.00
CM Fee	\$0.00	\$164.00	\$0.00	\$164.00
To Be Funded By Owners Contingency	\$0.00	\$(4,975.00)	\$0.00	\$(4,975.00)

Totals	\$0.00	\$(4,752.00)	\$4,752.00	\$0.00
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Insurance, Tax, Benefits on Labor	\$0.00
--	--------

Overhead	\$0.00
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Fee on Subs	\$0.00
--------------------	--------

Fee on JTV	\$0.00
-------------------	--------

Bond	\$0.00
-------------	--------

Remodel Tax	\$0.00
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TOTAL	\$0.00
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TIME EXTENSION TO CONTRACT: 0 Days

Submitted Date: 5/15/2018

Accepted

VAUGHN CONSTRUCTION

By: _____

By: 
Thomas Morrill

Date _____

Proposal Valid for 30 Days



PRICE ONLY PROPOSAL

Date: 4-26-18

To: Jay McGilton
Vaughn Construction
C# 512.820.2308

Project Name: Williamson Co. Regional Animal Shelter
Project Number: 249101-0007
SEC Project Number: 988

Description of Work: PCO #3 (ASI 002)

Scope:

Provide labor and material for the following:

Add Disconnects, Fuses & uni-strut per ASI 002

Cost: \$4,752.00

Exclusions and Clarifications:

- i. All work will be performed utilizing union labor during normal business hours.
- ii. This Change Proposal covers direct cost only and we reserve the right to claim for impact and consequential costs.
- iii. Excludes any cutting, patching and painting of existing surfaces.

No work will be started until a fully executed Contract, Change Order or Notice to Proceed is received. This proposal is valid for 30 days.

Sincerely,



Donny Hammers
Project Manager
PCO #3 - Rev #0

CHANGE NOTICE

Schmidt Electric Company, Inc.

9701 FM 1625
Austin, TX 78747

CCN # 3
Date: 4/26/2018
Project Name: WILCO RAS
Project Number: WILCO RAS
Page Number: 1

Client Address:

Itemized Breakdown

Description	Qty	Net Price U	Total Mat.
1 5/8x 1 5/8x 12G STRUT SLOT GALV	40	583.12 C	233.25
30A 250V DSN SW FUSIBLE - NEMA 3R	1	373.50 E	373.50
60A 600V DSN SW FUSIBLE - NEMA 3R	2	697.95 E	1,395.90
100A 600V DSN SW FUSIBLE - NEMA 3R	1	1,021.05 E	1,021.05
45A FUSE 600V ONE TIME	1	31.43 E	31.43
60A FUSE 600V ONE TIME	1	24.91 E	24.91
70A FUSE 600V ONE TIME	1	66.20 E	66.20
Totals	47		3,146.24

Summary

General Materials		3,146.24
Total Material		3,146.24
AF ST (520)	(3.00 Hrs @ \$48.59)	145.77
JW ST (520)	(23.00 Hrs @ \$41.34)	950.82
PROJECT MANAGER	(1.00 Hrs @ \$76.97)	76.97
Subtotal		4,319.80
Overhead	(@ 10.000 %)	431.98
Subtotal		4,751.78
Final Adjustment		0.22
Final Amount		\$4,752.00

CLIENT ACCEPTANCE

CCN #: 3

Final Amount: \$4,752.00

Name:

Date:

Signature:

Change Order #:

I hereby accept this quotation and authorize the contractor to complete the above described work.

ORIGINAL