



**CONSENT AGENDA
DRAINAGE DISTRICT
BOARD OF DIRECTORS
September 6, 2016
9:00 A.M.**

NOTICE is hereby given in accordance with Chapter 551, Texas Government Code, that a SPECIAL MEETING of the Drainage District #1 Board of Directors will be held in the Commissioners' Courtroom of the Administration Building, 100 E. Cano, 1st floor, Edinburg, Hidalgo County, Texas. Discussion and possible action relating to the following business will be transacted:

**NOTICE TO THE PUBLIC
CONSENT AGENDA**

The following items are of a routine or administrative nature. The Drainage District #1 Board has been furnished with background and support on each item, and/or it has been discussed at a previous meeting. All items will be acted upon by one vote without being discussed separately unless requested by a Board Member, in which event the item or items will immediately be withdrawn for individual consideration in its normal sequence after the items not requiring separate discussion have been acted upon. The remaining items will be adopted by one vote.

1. Approval of check register and payment of claims and bills - County Treasurer

2. **AI -56201** Discharge Permit
Melden & Hunt, Inc.- Alondra La Blanca Subdivision Phase I

3. **AI -56207** Crossing Permit
City of Pharr is proposing a 16" sanitary sewer force main crossing between El Dora Rd and Sioux Rd in Pharr, TX located within HCDD1 Drainage Facility ROW (Pharr-McAllen Lateral Ditch).

4. **AI -56167** 2013 Bonds
Budget: 365-Rural Drainage Development Pct.1

Engineering Firm: Urban Infrastructure Group

Inv. 0816112802 in the amount of \$3,232.00 related to Work Authorization No. 3- HEC RAS Model for Pct.1 Mile 13 1/2 and 1015 Area Drainage Improvement Project.

PO#629555

5. **AI -56195** 2013 Bonds
Budget: 365-Rural Drainage Development Pct.4

Engineering Firm: LeFevre Engineering & Management Consulting, LLC

Inv. no. July 16-5 in the amount of \$59,449.75 related to Work Authorization No. 1-Engineering Services for Kenyon Road & Mile 17 1/2 Area Drainage Improvement.

PO#626105 & 626106

6. **AI -56200** Engineering Firm: Tedsy Infrastructure Group

2013 Bonds

Budget: 360-Lower Rio Grande Valley Regional Mgt Program

A. Invoice No. 20162820 in the amount of \$180.00 related to Work Authorization No. 12-Legal Services.

PO#623665

Budget: 365-Rural Drainage Development Pct.1

B. Invoice No. 20162821 in the amount of \$8,146.70 related to Work Authorization No. 20-Engineering Services for Old River Road.

PO#628445.

C. Invoice No. 20162769 in the amount of \$5,580.00 related to Work Authorization No. 22-Engineering Services for Adams & Black Outfall-Analysis.

PO#629186.

AI -56201

2.

DRAINAGE - CONSENT

Meeting Date: 09/06/2016

Submitted For: Esther Layton

Submitted By: Esther Layton, DRAINAGE
DISTRICT

Department: DRAINAGE DISTRICT

Information

CAPTION

Discharge Permit

Melden & Hunt, Inc.- Alondra La Blanca Subdivision Phase I

BACKGROUND

Fiscal Impact

Attachments

Discharge Permit

Form Review

Inbox	Reviewed By	Date
Budget & Management	Veronica Ortiz	09/02/2016 11:34 AM
Final Approval	Monica Badillo	09/02/2016 04:35 PM
Form Started By: Esther Layton		Started On: 09/02/2016 11:29 AM
Final Approval Date: 09/02/2016		



Prepared by: Arturo Garcia, Jr., P.E.
Engineer

SHEET INDEX

Cover Sheet - Index
Drainage Report Narrative
Hydraulic Calculations - "C" Value Reference
Location Map
USGS Map Topography
Rainfall Intensity Curves
FEMA Map
Flood Zone Description
Soils Map
Soil Map Unit Descriptions
Proposed Subdivision Plat - Unrecorded Review Only
Proposed Utility and Drainage - Conceptual Design Review Only

7/30/2016
TBPE: F-4950

**DRAINAGE STATEMENT
TROPICAL WEST TRACT SUBDIVISION
COVER SHEET**

PENA ENGINEERING, LLC
1001 W. WHITEWING
McALLEN, TEXAS 78501
TEL: 956-682-8812 FAX: 956-631-7362

PENA ENGINEERING, LLC

1001 W. WHITEWING AVENUE • McAllen, Texas 78501
Phone: 965-682-8812 • Fax: 956-631-7362

Drainage Statement For Tropical West Tract Subdivision –Weslaco, Texas


Being a tract of land containing 7.98 acres of land, situated in City of Weslaco, Hidalgo County, Texas and also being out of **Farm Tract 632, Block 178, WEST TRACT SUBDIVISION**, Hidalgo County, Texas.

This subdivision, a one (1) lot institutional subdivision, comprised of 7.98 acre is located on the south side of Business US Highway 83 (Loop 374), and west 1,795 feet from the centerline of Westgate Drive and inside of the City of Weslaco.


The property falls within Zone "X"; shaded area; by graphical representation of the Flood Insurance Rate Map, Community Panel No. 480334 0450 C Map effective LOMR date of May 30, 2002. Topographic maps of the general area indicate the natural ground slope to the north and northeast. This site falls within areas of soils designated as Hidalgo Sandy Clay Loam, sandy clay loam soil, (Map Symbol 28) and is within Hydrologic Group B and is well drained and has slow runoff and permeability is moderate, with ground slopes between 0 to 1 percent in accordance with the Soil Survey of Hidalgo County, Texas as published by the United States Department of Agriculture, Soil Conservation Service in cooperation with the Texas Agricultural Experiment Station.

Presently the site is maintained as agricultural use and is vacant. Existing runoff from the site is via overland flow in a northerly direction ultimately discharging into the existing 36-inch underground storm sewer pipe system within the curb and gutter section of Business 83. Ultimate discharge from storm sewer system, maintained by TXDOT, is into the Weslaco Drain. Furrow areas provide detention for the property before discharging into the existing curb and gutter section for property frontage.

New improvements consisting of driveway, parking lot, building and lawn areas for institutional use thus an increase in impervious cover being considered at this time. The runoff tabulated for existing conditions will generate a flow of **5.52 cubic feet per second** for a 10-year return frequency. The runoff tabulated for future conditions will generate a flow of **22.65 cubic feet per second** for a 10-year return frequency. The difference in runoff volume is **17.13 cubic feet per second**. Maintaining the original runoff of the area tabulates a required detention of **0.8201 acre-feet** for this subdivision. The runoff will be routed through graded yard areas within the property lines to be discharged into the existing underground drainage system in accordance with City of Weslaco criteria. Drainage detention plan to be approved by City of Weslaco prior to issuance of building permit. No new drainage improvements are proposed for the subdivision at this time. New structures set in this subdivision will have finished floors set above the 100-year flood level or 24-inches above centerline elevation of street in front of lot, whichever is greater.

<input type="checkbox"/> REJECTED	
<input checked="" type="checkbox"/> APPROVED FOR SUBMITTAL	
<input type="checkbox"/> TO H.C. PLANNING DEPT.	
<input checked="" type="checkbox"/> TO CITY	
<input checked="" type="checkbox"/> DISCHARGE PERMIT REQUIRED	
<input type="checkbox"/> DISTRICT FACILITY	
<input checked="" type="checkbox"/> CITY FACILITY	
<input type="checkbox"/> OTHER _____	
H.C.D.D. NO. 1	DATE 9/1/16

Arturo Garcia Jr.



07-30-2016
TBPE: F-4950

$$Q = CiA$$

Q = storm runoff for event (c.f.s.)

C = runoff coefficient

i = intensity (in. / hr.)

A = area (acres)

Condition	C	i_{10}	A	Q_{10}
Existing ₁	0.20	3.46	7.980	5.52
Developed ₂	0.60	4.73	7.980	22.65

1. $t_c = 54.0$ min.; Based on existing travel distance of 1,000.0 feet, to P.O.C.

2. $t_c = 33.0$ min.; Based on developed travel distance of 1,000.0 feet, to P.O.C.

t_c = time of concentration (minutes)

P.O.C. = Point of Concentration

REFERENCE:

Normal Range of Runoff Coefficients

<u>Character of Surface</u>	<u>Coefficient</u>
Pavement	
Asphalt / Concrete	0.70-0.95
Brick	0.70-0.85
Roofs	0.75-0.95
Lawns, Sandy Soil	
Flat (2%)	0.05-0.10
Average (2 to 7%)	0.10-0.15
Steep (>7%)	0.15-0.20
Lawns, Heavy Soil	
Flat (2%)	0.13-0.17
Average (2 to 7%)	0.18-0.22
Steep (>7%)	0.25-0.35

Table 5.5 - Design & Construction of Urban Stormwater Management Systems

ASCE Manuals and Reports of Engineering Practice No. 77

7/30/2016

TBPE: F-4950

Arturo Garcia Jr.



**DRAINAGE STATEMENT
TROPICAL WEST TRACT SUBDIVISION
RUNOFF CALCULATIONS
RATIONAL METHOD**

PENA ENGINEERING, LLC
1001 W. WHITEWING
McALLEN, TEXAS 78501
TEL: 956-682-8812 FAX: 956-631-7362

Time (minutes)	I (in./hr.)	Q _{developed} (c.f.s.)	Volume (c.f.)	Q _{discharged} (c.f.s.)	Vol. Discharged (c.f.)	Vol. stored (c.f.)
5	11.04	52.86	15,858	5.52	1,656	14,202
10	8.73	41.80	25,080	5.52	3,312	21,768
15	7.29	34.90	31,414	5.52	4,968	26,446
20	6.30	30.16	36,197	5.52	6,624	29,573
25	5.57	26.67	40,004	5.52	8,280	31,724
30	5.01	23.99	43,178	5.52	9,936	33,242
35	4.56	21.83	45,850	5.52	11,592	34,258
40	4.20	20.11	48,263	5.52	13,248	35,015
45	3.89	18.63	50,288	5.52	14,904	35,384
50	3.64	17.43	52,285	5.52	16,560	35,725
55	3.41	16.33	53,879	5.52	18,216	35,663
60	3.22	15.42	55,502	5.52	19,872	35,630
65	3.05	14.60	56,953	5.52	21,528	35,425
70	2.90	13.89	58,318	5.52	23,184	35,134
75	2.76	13.21	59,467	5.52	24,840	34,627
80	2.64	12.64	60,674	5.52	26,496	34,178
85	2.53	12.11	61,780	5.52	28,152	33,628
90	2.43	11.63	62,828	5.52	29,808	33,020
95	2.34	11.20	63,862	5.52	31,464	32,398
100	2.26	10.82	64,925	5.52	33,120	31,805
105	2.18	10.44	65,758	5.52	34,776	30,982
110	2.11	10.10	66,678	5.52	36,432	30,246
115	2.04	9.77	67,396	5.52	38,088	29,308

Arturo Garcia Jr.

STATE OF TEXAS
 ARTURO GARCIA JR.
 69356
 REGISTERED
 PROFESSIONAL ENGINEER

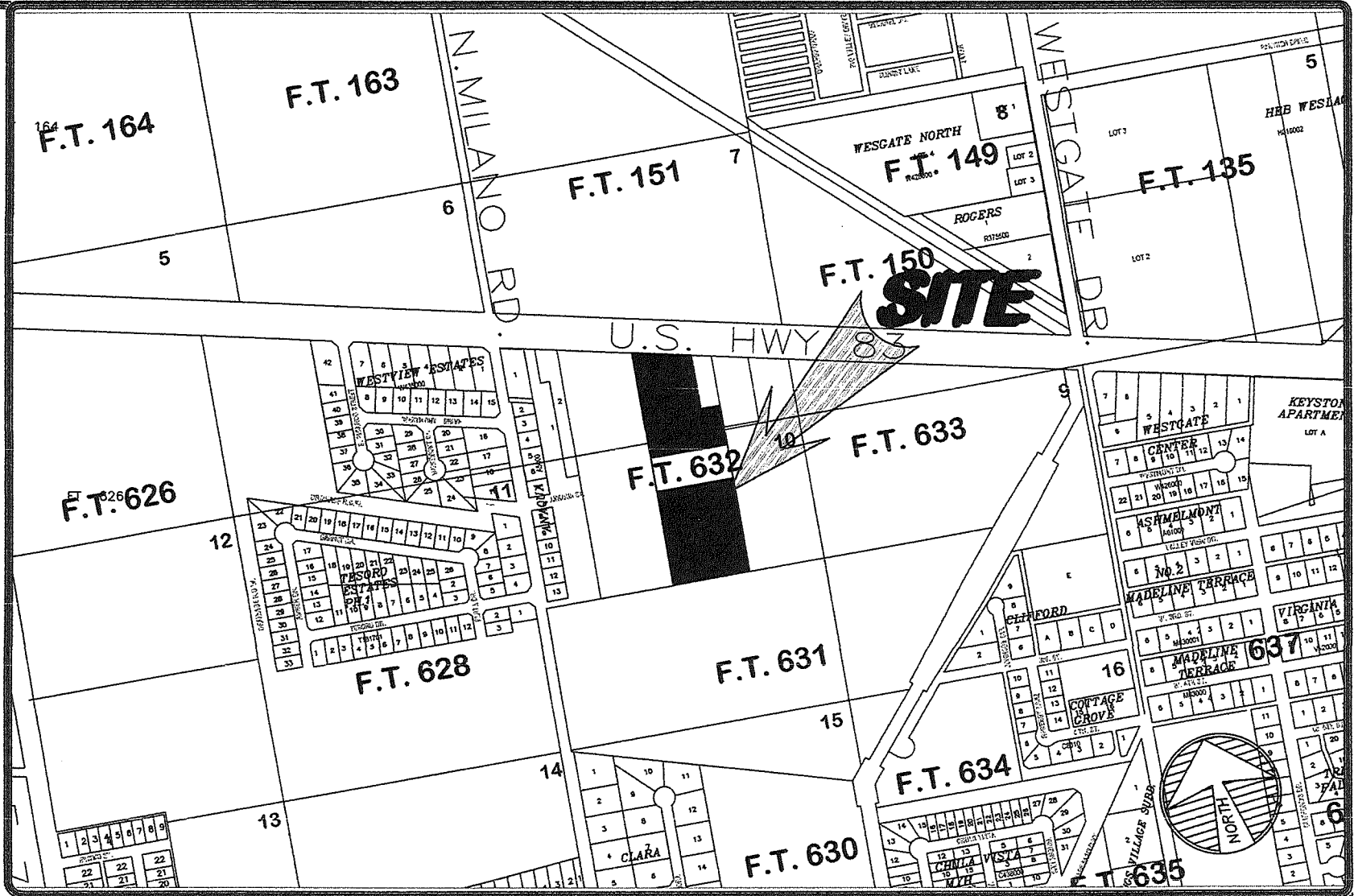
7/30/2016

TBPE: F-4950

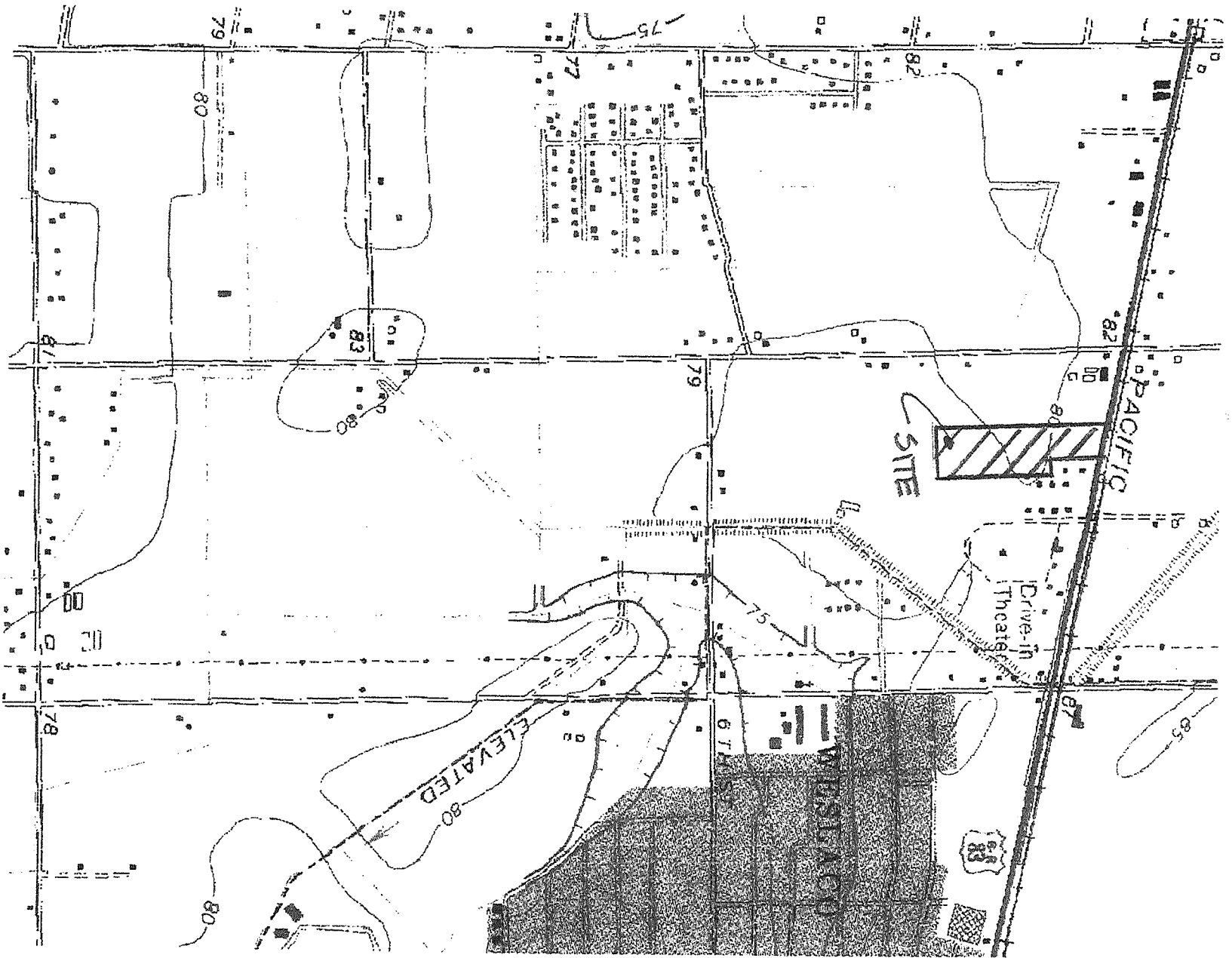
DRAINAGE STATEMENT
 TROPICAL WEST TRACT SUBDIVISION
 STORAGE CALCULATIONS

PENA ENGINEERING, LLC
 1001 W. WHITEWING
 McALLEN, TEXAS 78501
 TEL: 956-682-8812 FAX: 956-631-7362

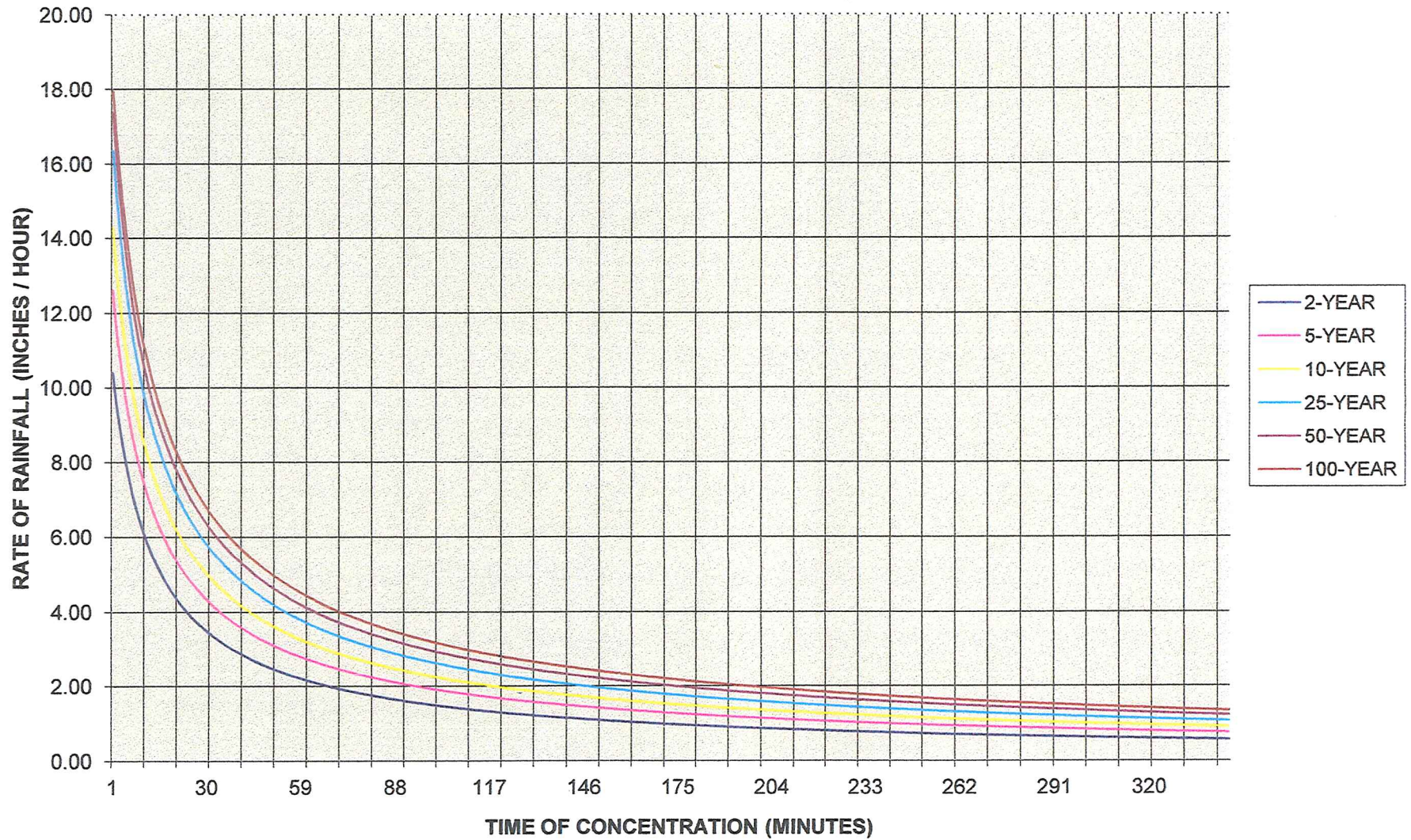
LOCATION MAP



SCALE: 1" = 1000'

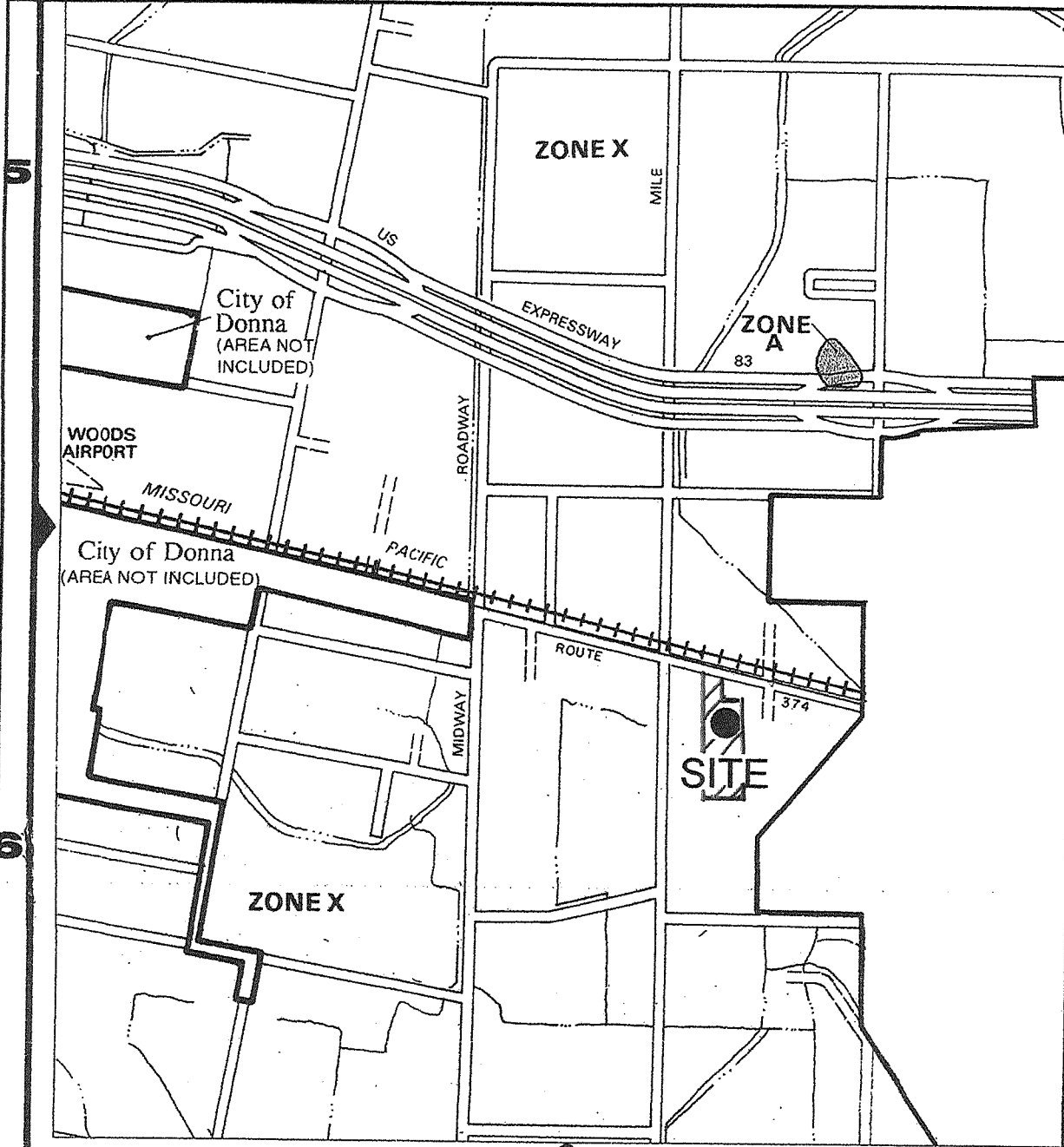
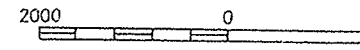


RAINFALL INTENSITY CURVES FOR HIDALGO COUNTY





APPROXIMATE SCALE



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

HIDALGO COUNTY,
TEXAS
(UNINCORPORATED AREAS)

(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY-PANEL NUMBER

480334 0450 C

MAP REVISED:
JUNE 6, 2000

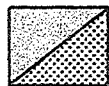


LOMR
MAY 30, 2002

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

LEGEND

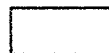


SPECIAL FLOOD HAZARD AREAS INUNDATED BY 100-YEAR FLOOD

- ZONE A** No base flood elevations determined.
- ZONE AE** Base flood elevations determined.
- ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); base flood elevations determined.
- ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding; velocities also determined.
- ZONE A99** To be protected from 100-year flood by federal flood protection system under construction; no base flood elevations determined.
- ZONE V** Coastal flood with velocity hazard (wave action); no base flood elevations determined.
- ZONE VE** Coastal flood with velocity hazard (wave action); base flood elevations determined.



FLOODWAY AREAS IN ZONE AE



OTHER FLOOD AREAS

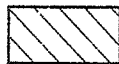
- ZONE X** Areas of 500-year flood; areas of 100-year flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 100-year flood.



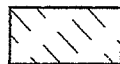
OTHER AREAS

- ZONE X** Areas determined to be outside 500-year floodplain.
- ZONE D** Areas in which flood hazards are undetermined.

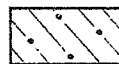
UNDEVELOPED COASTAL BARRIERS†



Identified
1983



Identified
1990



Otherwise
Protected Areas

†Coastal barrier areas are normally located within or adjacent to special flood hazard areas.

- Floodplain Boundary
- - - - - Floodway Boundary
- · - · - Zone D Boundary



Boundary Dividing Special Flood Hazard Zones, and Boundary Dividing Areas of Different Coastal Base Flood Elevations Within Special Flood Hazard Zones.



APPROXIMATE SCALE

2000 0

NATIONAL FLOOD INSURANCE PROGRAM

**FIRM
FLOOD INSURANCE RATE MAP**

**HIDALGO COUNTY,
TEXAS
(UNINCORPORATED AREAS)**

(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY-PANEL NUMBER

480334 0450 C

MAP REVISED:

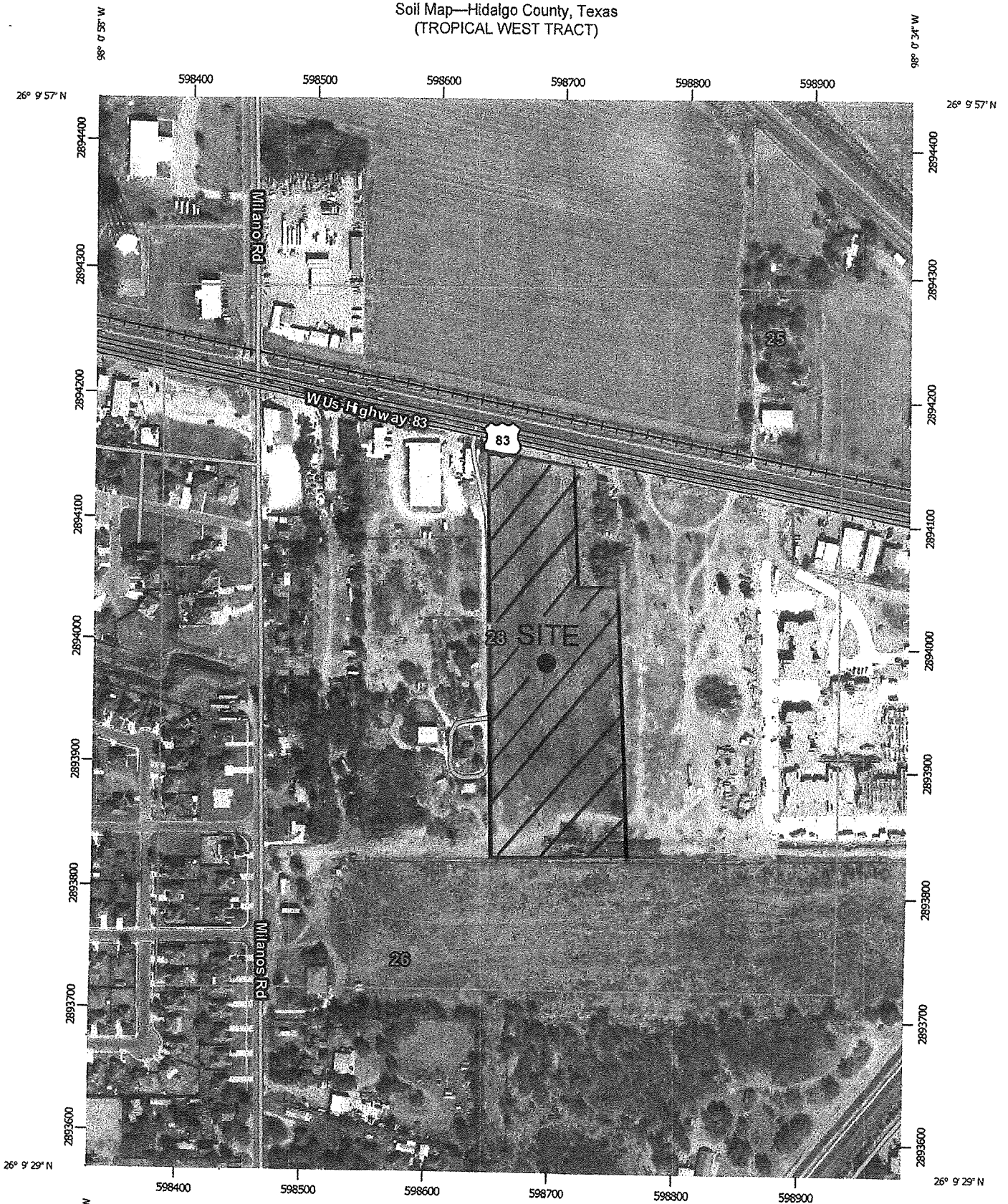
JUNE 6, 2000



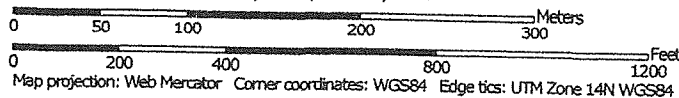
Federal Emergency Management Agency

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Soil Map—Hidalgo County, Texas
(TROPICAL WEST TRACT)



Map Scale: 1:4,220 if printed on A portrait (8.5" x 11") sheet.



Hidalgo County, Texas

28—Hidalgo sandy clay loam, 0 to 1 percent slopes

Map Unit Setting

National map unit symbol: 2sxvl
Elevation: 20 to 500 feet
Mean annual precipitation: 20 to 27 inches
Mean annual air temperature: 72 to 74 degrees F
Frost-free period: 300 to 365 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Hidalgo and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Hidalgo

Setting

Landform: Terraces
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous loamy alluvium

Typical profile

Ap - 0 to 17 inches: sandy clay loam
Bk1 - 17 to 28 inches: sandy clay loam
Bk2 - 28 to 38 inches: clay loam
Ck - 38 to 80 inches: clay loam

Properties and qualities

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat):
Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 35 percent
Salinity, maximum in profile: Nonsaline to slightly saline (0.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 10.0
Available water storage in profile: Moderate (about 7.8 inches)

Interpretive groups

Land capability classification (irrigated): 1
Land capability classification (nonirrigated): 2c

Hydrologic Soil Group: B

Ecological site: GRAY SANDY LOAM 20-25" PZ (R083DY501TX)

Minor Components

Raymondville

Percent of map unit: 7 percent

Landform: Terraces

Landform position (three-dimensional): Tread

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: CLAY LOAM 20-25" PZ (R083DY493TX)

Racombes

Percent of map unit: 6 percent

Landform: Terraces

Landform position (three-dimensional): Tread

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: CLAY LOAM 20-25" PZ (R083DY493TX)

Willacy

Percent of map unit: 2 percent

Landform: Terraces

Landform position (three-dimensional): Tread

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: SANDY LOAM 25-35" PZ (R083DY519TX)

Data Source Information

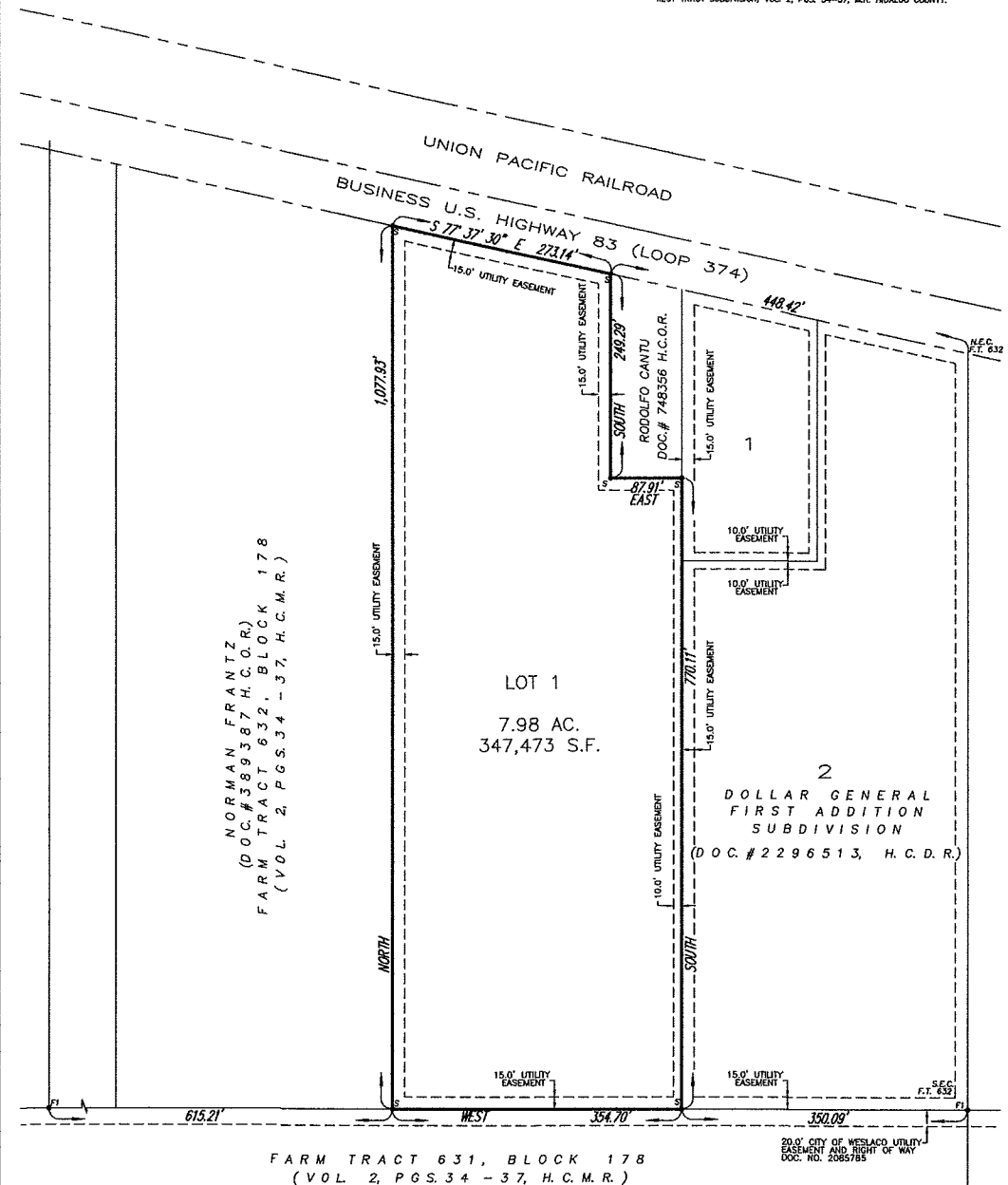
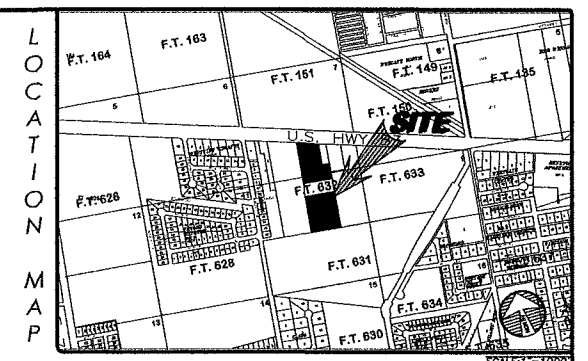
Soil Survey Area: Hidalgo County, Texas

Survey Area Data: Version 12, Sep 22, 2015

LEGEND
 SET 1/2" DIAMETER IRON ROD WITH PLASTIC CAP STAMPED: "PENA 5242"
 ROUND 1/2" DIAMETER IRON ROD
 RIGHT OF WAY
 DEED RECORDS
 MAP RECORDS
 OFFICIAL RECORDS
 DOCUMENT NUMBER
 SOUTHEAST CORNER
 POINT OF BEGINNING
 S
 FT
 R.O.W.
 D.R.
 M.R.
 O.R.
 DOC. #
 S.E.C.
 P.O.B.
 BASE OF BEARING IS THE SOUTH LINE OF FARM TRACT 632, BLOCK 78, WEST TRACT SUBDIVISION, VOL. 2, PGS. 34-37, H.C.M.R. HIDALGO COUNTY.



LEGAL DESCRIPTION
 A 7.98 ACRE TRACT OF LAND OUT OF FARM TRACT 632 BLOCK 178 WEST TRACT SUBDIVISION, HIDALGO COUNTY, TEXAS, AS PER MAP THEREOF RECORDED IN VOLUME 2 PAGES 34-37 MAP RECORDS OF SAID COUNTY; SAID 7.98 ACRES BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:
 COMMENCING AT THE NORTHEAST CORNER OF SAID FARM TRACT 632, THENCE WITH THE NORTH LINE OF SAID FARM TRACT THE SOUTH RIGHT OF WAY OF U.S. HIGHWAY 83 (BUSINESS) LOOP 374, NORTH 77° 37' 30" WEST 446.42 FEET TO A ONE-HALF (1/2) INCH DIAMETER IRON ROD SET FOR THE MOST NORTHERLY NORTHEAST CORNER HEREOF AND PLACE OF BEGINNING;
 THENCE WITH THE WEST LINE OF RODOLFO CANTU'S TRACT AS DESCRIBED IN DOCUMENT NUMBER 748350 OFFICIAL RECORDS, SOUTH 24° 29' 29" FEET TO A ONE-HALF (1/2) INCH DIAMETER IRON ROD SET FOR AN INSIDE CORNER HEREOF;
 THENCE WITH THE SOUTH LINE OF SAID CANTU'S TRACT EAST 87.91 FEET TO A ONE-HALF (1/2) INCH DIAMETER IRON ROD SET FOR THE MOST SOUTHERLY NORTHEAST CORNER HEREOF;
 THENCE WITH THE WEST LINE OF DOLLAR GENERAL FIRST ADDITION SUBDIVISION AS RECORDED IN DOCUMENT NUMBER 2296513 MAP RECORDS, SOUTH 770.11 FEET TO A ONE-HALF (1/2) INCH DIAMETER IRON ROD SET FOR THE SOUTHEAST CORNER HEREOF;
 THENCE WITH THE SOUTH LINE OF SAID FARM TRACT 632, WEST 356.70 FEET TO A ONE-HALF (1/2) INCH DIAMETER IRON ROD SET FOR THE SOUTHWEST CORNER HEREOF;
 THENCE WITH THE EAST LINE OF NORMAN FRANTZ'S TRACT AS DESCRIBED IN DOCUMENT NUMBER 389387 OFFICIAL RECORDS, NORTH 1,077.93 FEET TO A ONE-HALF (1/2) INCH DIAMETER IRON ROD SET FOR THE NORTHWEST CORNER HEREOF;
 THENCE WITH THE NORTH LINE OF SAID FARM TRACT 632, THE SOUTH RIGHT OF WAY OF SAID HIGHWAY, SOUTH 77° 37' 30" EAST 273.16 FEET TO THE PLACE OF BEGINNING, CONTAINING SEVEN AND NINETY-EIGHT HUNDREDTHS (7.98) ACRES, MORE OR LESS.



- PLAT NOTES AND RESTRICTIONS:
- FLOOD ZONE DESIGNATION: ZONE "X", SHADED - AREAS OF 500-YEAR FLOOD; AREAS OF 100-YEAR FLOOD WITH AVERAGE DEPTHS OF LESS THAN ONE (1) FOOT OR WITH DRAINAGE AREAS LESS THAN ONE (1) SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 100-YEAR FLOOD. FLOOD INSURANCE RATE MAP COMMUNITY PANEL NO. 480334 0450 C MAP REVISED: JUNE 6, 2000; LOMR MAY 30, 2002.
 - MINIMUM FINISH FLOOR ELEVATION: 24-INCHES ABOVE THE TOP OF CURB AT CENTER OF LOT.
 - MINIMUM BUILDING SETBACK LINES SHALL BE AS FOLLOWS:
 FRONT - 30.0 FEET OR GREATER FOR EASEMENTS
 SIDES - 6.0 FEET OR GREATER FOR EASEMENTS
 SIDES ABUTTING STREET - 10.0 FEET OR GREATER FOR EASEMENTS
 REAR - 20% OF LOT DEPTH NOT TO EXCEED 40.0 FEET OR GREATER FOR EASEMENTS
 - NO BUILDINGS SHALL BE CONSTRUCTED OVER ANY EASEMENT OR LOT LINE.
 - DRAINAGE DETENTION PER LOT IS 35,725 CUBIC FEET (0.8201 AC. FT.).
 - NO PERMANENT STRUCTURES SHALL BE ALLOWED WITHIN UTILITY EASEMENTS OR IRRIGATION DISTRICT EASEMENTS.
 - BENCH MARK - 99.14 FEET, SQUARE CUT ON SOUTH-WEST CONCRETE SLAB 192.0 FEET SOUTH FROM SOUTHEAST CORNER OF THIS SUBDIVISION ON TOP OF DITCH. NAVD 88 DATUM.
 - A 5.0-FOOT SIDEWALK WILL BE CONSTRUCTED ALONG BUSINESS US HIGHWAY 83 DURING BUILDING PERMIT ISSUANCE.
 - A LIGHT FIXTURE ALONG BUSINESS US HIGHWAY 83 TO BE INSTALLED DURING BUILDING PERMIT ISSUANCE.

STATE OF TEXAS
 COUNTY OF HIDALGO
 APPROVED BY HIDALGO COUNTY DRAINAGE DISTRICT NUMBER 1:
 HIDALGO COUNTY DRAINAGE DISTRICT NUMBER 1 HEREBY CERTIFIES THAT THE DRAINAGE PLANS FOR THIS SUBDIVISION COMPLY WITH THE MINIMUM STANDARDS OF THE DISTRICT ADOPTED UNDER TEXAS WATER CODE 49.211 (C). THE DISTRICT HAS NOT REVIEWED AND DOES NOT CERTIFY THAT THE DRAINAGE STRUCTURES DESCRIBED ARE APPROPRIATE FOR THE SPECIFIC SUBDIVISION BASED ON GENERALLY ACCEPTED ENGINEERING CRITERIA. IT IS THE RESPONSIBILITY OF THE DEVELOPER AND HIS ENGINEER TO MAKE THEIR DETERMINATIONS.
 HIDALGO COUNTY DRAINAGE DISTRICT NUMBER 1

RAUL E. SESIN, P.E., C.F.M. _____ DATE _____

STATE OF TEXAS
 COUNTY OF HIDALGO
 THIS PLAT APPROVED BY HIDALGO AND CAMERON COUNTIES IRRIGATION DISTRICT NO. 9,
 THIS THE _____ DAY OF _____, 2016.

- NO IMPROVEMENTS OF ANY KIND SHALL BE PLACED ON HIDALGO AND CAMERON COUNTIES IRRIGATION DISTRICT NO. 9 RIGHT-OF-WAYS OR EASEMENTS WITHOUT THE EXPRESSED WRITTEN PERMISSION OF THE HIDALGO AND CAMERON COUNTIES IRRIGATION DISTRICT NO. 9.
- IT IS UNDERSTOOD THAT THE RATE OF FLOW OF DRAIN WATER WILL BE NO GREATER THAN THE RATE OF FLOW OF DRAIN WATER WHEN THE LAND WAS IN AGRICULTURE USE.
- HIDALGO AND CAMERON COUNTIES IRRIGATION DISTRICT NO. 9 WILL NOT BE RESPONSIBLE FOR DRAINAGE OR DELIVERY OF WATER TO ANY LOT IN THIS SUBDIVISION. IF DESIRED, THIS WILL NOT BE AT THE DISTRICT'S EXPENSE.
- HIDALGO AND CAMERON COUNTIES IRRIGATION DISTRICT NO. 9 HAS NOT REVIEWED AND DOES NOT CERTIFY THAT THE STORM SEWER OR UTILITIES SYSTEMS DESCRIBED ARE APPROPRIATE FOR THE PARTICULAR SUBDIVISION, BASED ON GENERALLY ACCEPTED ENGINEERING CRITERIA. THE DEVELOPER AND HIS ENGINEER ARE RESPONSIBLE FOR THEIR DETERMINATIONS

GENERAL MANAGER
 HIDALGO & CAMERON COUNTIES
 IRRIGATION DISTRICT NO. 9

HIDALGO COUNTY CLERK'S RECORDING CERTIFICATE
 FILED FOR RECORD IN
 HIDALGO COUNTY
 ARTURO GUAJARDO, JR.
 HIDALGO COUNTY CLERK
 ON: _____ AT _____ AM / PM
 DOCUMENT NUMBER: _____ OF DEED RECORDS OF HIDALGO COUNTY, TEXAS
 BY: _____ DEPUTY



STATE OF TEXAS
 COUNTY OF HIDALGO

I / WE, THE UNDERSIGNED, OWNER(S), OF THE LAND SHOWN ON THIS PLAT, AND DESIGNATED HEREIN AS THE TROPICAL WEST TRACT SUBDIVISION, TO THE CITY OF WESLACO, TEXAS, AND WHOSE NAME(S) IS (ARE) HERETO, HEREBY DEDICATE TO THE USE OF THE PUBLIC ALL STREETS, PARKS, WATER COURSES, DRAINS, EASEMENTS, AND PUBLIC PLACES THEREON SHOWN FOR THE PURPOSES AND CONSIDERATIONS THEREIN DESCRIBED.

TERRY CROCKER, C.E.O.
 TROPICAL TEXAS BEHAVIORAL HEALTH
 1901 S. 24TH AVENUE
 EDINBURG, TEXAS 78539

DATE _____

STATE OF TEXAS
 COUNTY OF HIDALGO

BEFORE ME, THE UNDERSIGNED AUTHORITY ON THIS DAY, PERSONALLY APPEARED ANDRES TERRY CROCKER, C.E.O. KNOWN TO ME TO BE THE PERSONS WHOSE NAMES ARE SUBSCRIBED TO THE FOREGOING INSTRUMENT AND ACKNOWLEDGED TO ME THAT THEY EXECUTED THE SAME FOR PURPOSES AND CONSIDERATIONS THEREIN EXPRESSED AND IN THE CAPACITY THEREIN STATED. GIVEN UNDER MY HAND AND SEAL OF OFFICE.

DATED THIS THE _____ DAY OF _____, 2016 A.D.

NOTARY PUBLIC FOR THE STATE OF TEXAS

MY COMMISSION EXPIRES ON: _____

STATE OF TEXAS
 COUNTY OF HIDALGO

I, ARTURO GARCIA, JR., REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF TEXAS, HEREBY CERTIFY THAT PROPER ENGINEERING CONSIDERATION HAS BEEN GIVEN TO THIS PLAT.

Arturo Garcia Jr.

ARTURO GARCIA, JR., P.E.
 REGISTERED PROFESSIONAL ENGINEER NO. 69356
 TEXAS BOARD OF PROFESSIONAL ENGINEERING FIRM F-4950
 DATE:
 PENA ENGINEERING, LLC
 1001 W. WHITEWING AVENUE
 McALLEN, TEXAS 78501
 PHONE (956) 682-8812



FOR REVIEW ONLY
 AUGUST 15, 2016

STATE OF TEXAS
 COUNTY OF HIDALGO

I, PABLO PENA, III, A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF TEXAS, HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM AN ACTUAL SURVEY OF THE PROPERTY MADE UNDER MY SUPERVISION ON THE GROUND.

PABLO PENA, III, R.P.L.S.
 REGISTERED PROFESSIONAL LAND SURVEYOR No. 5242
 DATE:
 PENA ENGINEERING, LLC
 1001 W. WHITEWING AVENUE
 McALLEN, TEXAS 78501
 PHONE (956) 682-8812

STATE OF TEXAS
 COUNTY OF HIDALGO

I, _____ CITY MANAGER OF THE CITY OF WESLACO, TEXAS DO HEREBY CERTIFY THIS MINOR SUBDIVISION PLAT KNOWN AS TROPICAL WEST TRACT SUBDIVISION CONFORMS TO ALL SUBDIVISION REQUIREMENTS OF THIS CITY WHEREIN MY APPROVAL IS REQUIRED AND HAS BEEN APPROVED FOR RECORDING ON THIS THE _____ DAY OF _____, 2016 WITH THE COUNTY CLERK OF HIDALGO COUNTY, TEXAS.

CITY MANAGER

PLAT OF
TROPICAL WEST TRACT SUBDIVISION
 WESLACO, TEXAS
 A 7.98 ACRE TRACT OF LAND OUT OF FARM TRACT 632, BLOCK 178, WEST TRACT SUBDIVISION, HIDALGO COUNTY TEXAS, ACCORDING TO MAP RECORDED IN VOLUME 2, PAGES 34-37, MAP RECORDS, OF HIDALGO COUNTY, TEXAS.

PENA ENGINEERING
 1001 W. WHITEWING P.O. BOX 4320
 McALLEN, TEXAS 78501
 TEL: 956-682-8812
 FAX: 956-651-7562
 TBPE: F-4950
 TBPS: F-10087200

LEGEND

SET 1/2" DIAMETER IRON ROD WITH PLASTIC CAP STAMPER 700A 5/4" 5

FOUND 1/2" DIAMETER IRON ROD 710

RIGHT OF WAY R.O.W.

DEED RECORDS D.R.

MAP RECORDS M.R.

POWER POLE LINE -P-P-

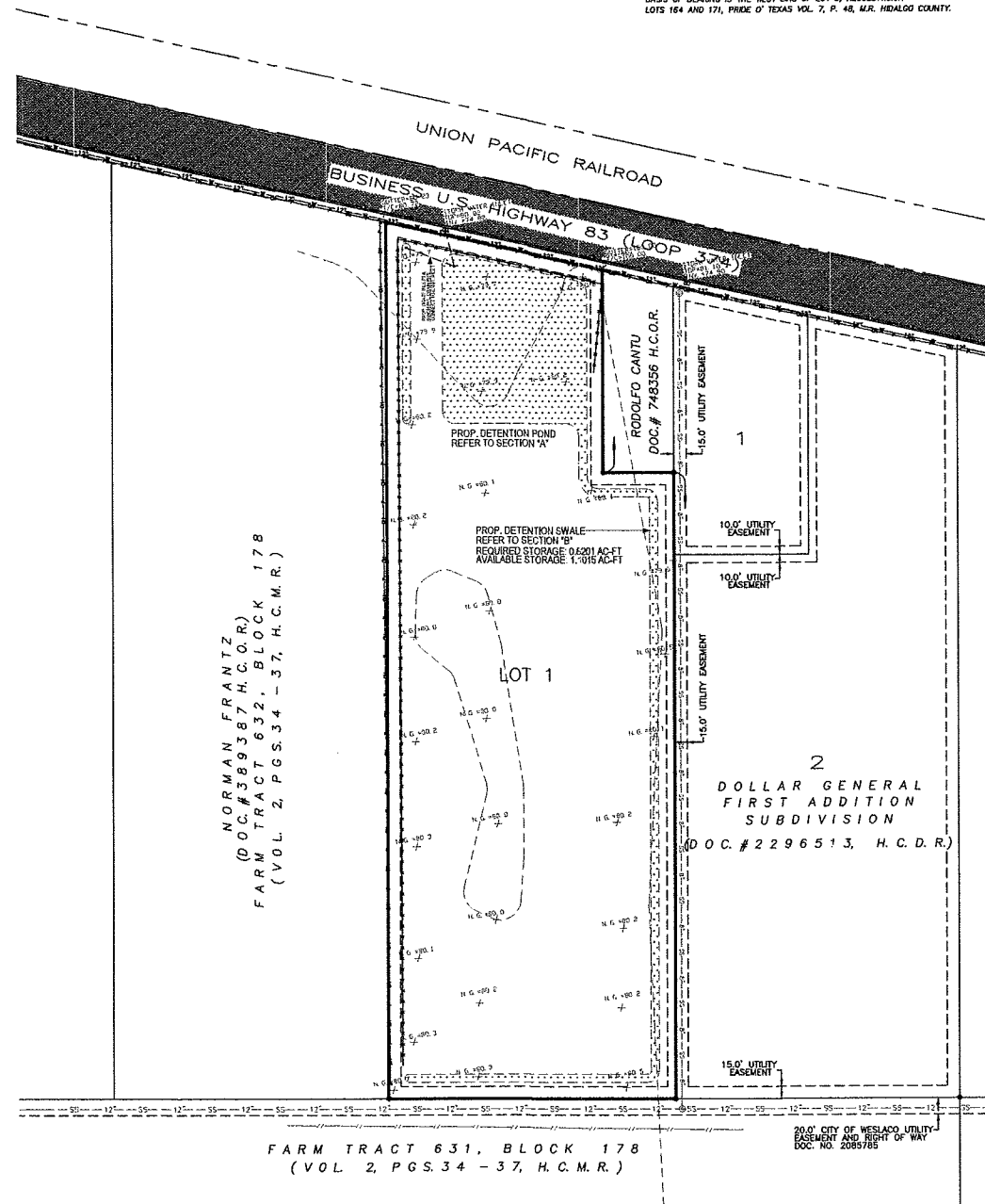
4.0' BARBED WIRE FENCE -X-X-

6.0' CEDAR FENCE -//-//-

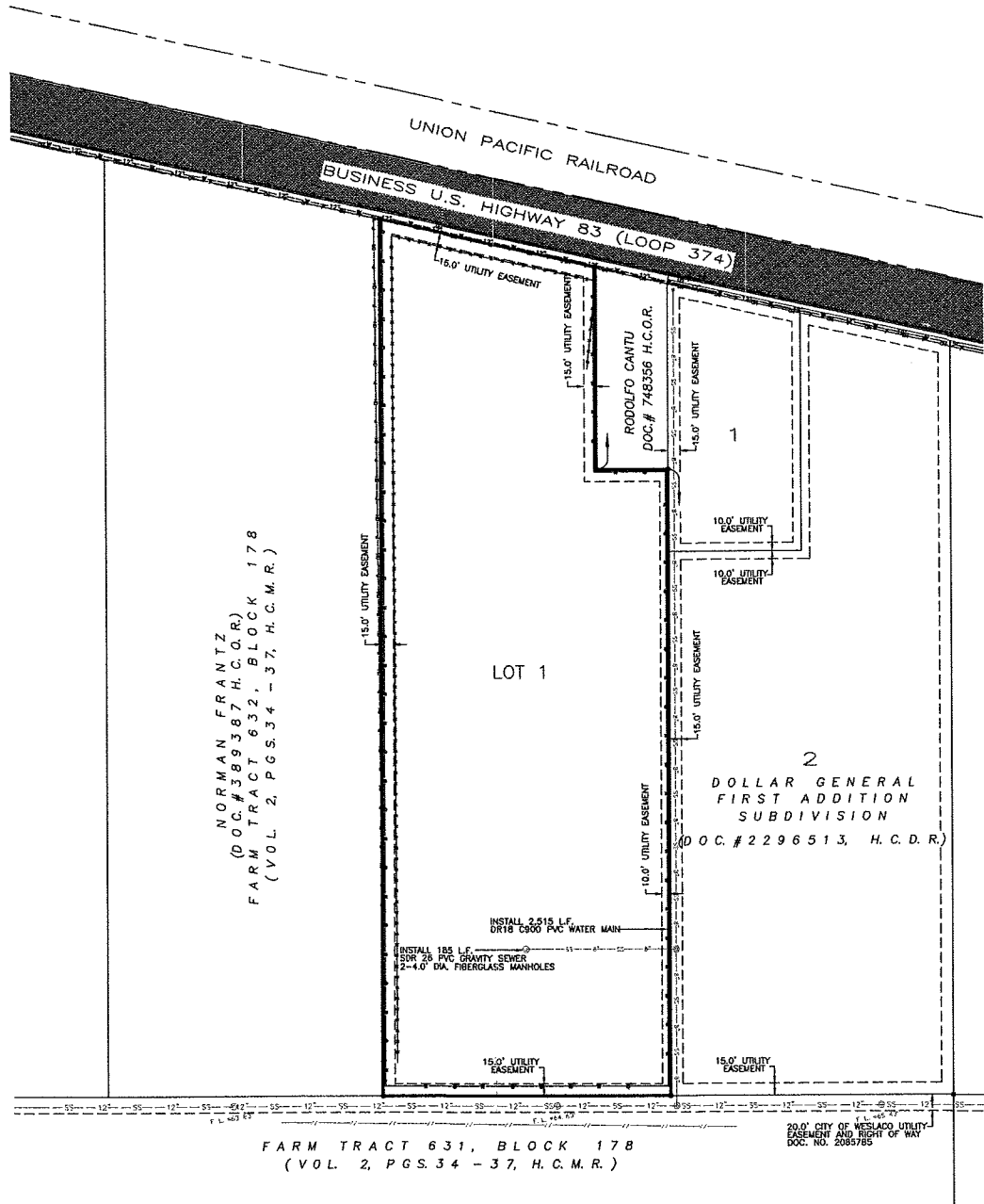
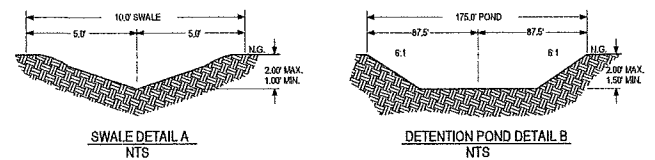
SOUTHEAST CORNER S.E.C.

POINT OF BEGINNING P.O.B.

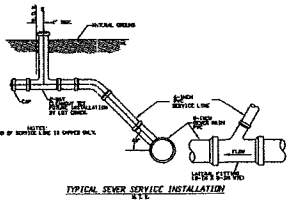
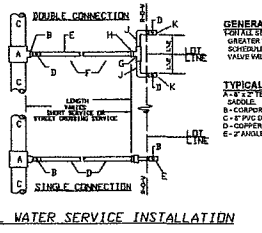
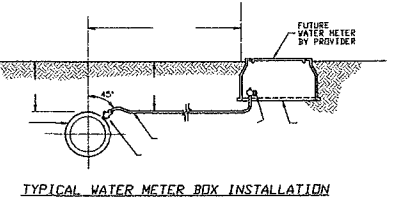
BASIS OF BEARING IS THE WEST LINE OF LOT 3, RESUBDIVISION LOTS 164 AND 171, PRIDE O' TEXAS VOL. 7, P. 48, M.R. HIDALGO COUNTY.



DRAINAGE LAYOUT



UTILITY LAYOUT



GENERAL NOTES

GRATE INLET SHALL BE SCHEDULE 40, A.I.T. VALUE WILL BE REQUIRED.

TYPICAL WATER SERVICE

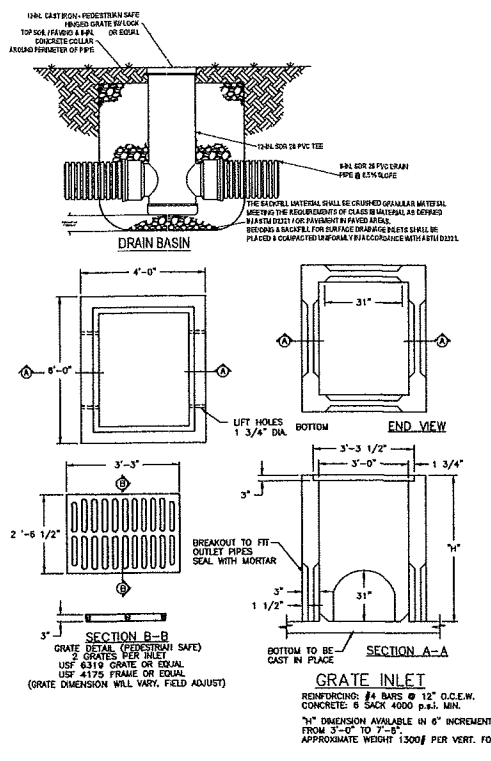
A - 1/2" TYPICAL F.P. SERVICE JACOBE

B - CORPORATION STOP

C - 1/2" PVC PRESSURE MAIN

D - COPPER SERVICE PIPE

E - 1/2" ANGLE OR CURB STOP



PENA ENGINEERING

1001 W. WHITEWING P.O. BOX 4320
MCALEN, TEXAS 78501

TEL: 956-682-8812
FAX: 956-631-7362

TBPE: F-4950
TBPS: F-10087200

Arturo Garcia Jr.



FOR REVIEW ONLY
AUGUST 15, 2016
NOT FOR CONSTRUCTION

UTILITY & DRAINAGE LAYOUT FOR
TROPICAL WEST TRACT SUBDIVISION
WESLACO, TEXAS

A 7.98 ACRE TRACT OF LAND OUT OF FARM TRACT 632, BLOCK 178, WEST TRACT SUBDIVISION, HIDALGO COUNTY TEXAS, ACCORDING TO MAP RECORDED IN VOLUME 2, PAGES 34-37, MAP RECORDS, OF HIDALGO COUNTY, TEXAS.

AI -56207

3.

DRAINAGE - CONSENT

Meeting Date: 09/06/2016

Submitted For: Esther Layton

Submitted By: Esther Layton, DRAINAGE
DISTRICT

Department: DRAINAGE DISTRICT

Information

CAPTION

Crossing Permit

City of Pharr is proposing a 16" sanitary sewer force main crossing between El Dora Rd and Sioux Rd in Pharr, TX located within HCDD1 Drainage Facility ROW (Pharr-McAllen Lateral Ditch).

BACKGROUND

Fiscal Impact

Attachments

Crossing Permit

Form Review

Inbox	Reviewed By	Date
Budget & Management	Veronica Ortiz	09/02/2016 01:46 PM
Final Approval	Monica Badillo	09/02/2016 04:35 PM
Form Started By: Esther Layton		Started On: 09/02/2016 01:30 PM
Final Approval Date: 09/02/2016		



HIDALGO COUNTY DRAINAGE DISTRICT NO. 1
902 North Doolittle Rd.
Edinburg, Texas 78542
Office (956) 292-7080
Fax (956) 292-7089

Raul E. Sesin, P.E., CFM
General Manager

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DRAINAGE DISTRICT CROSSING PERMIT APPLICATION PACKET

THE STATE OF TEXAS

COUNTY OF HIDALGO

APPLICATION AND AGREEMENT FOR DRAINAGE DISTRICT CROSSING PERMIT

Date: 9/2/2016

Saenz Brothers Construction, LLC (hereinafter referred to as "Applicant") does hereby make application to the Hidalgo County Drainage District No. 1 (hereinafter referred to as "HCDD") to construct, maintain and repair a drainage ditch crossing across the easements, ditches, streams, drainage ways, property or property interest as described below.

Information required:

1. Name and Address of Applicant: Saenz Brothers Construction, LLC
3226 N. Victoria Road Donna, Texas 78537

2. Name and Address of company or agency owning or to own the drainage ditch crossing (please indicate if same as Applicant): City of Pharr

3. Name and Address of operator of crossing structure (please indicate if same as Applicant):
Saenz Brothers Construction, LLC
3226 N. Victoria Road Donna, Texas 78537

4. Name and Address of contractor to install crossing structure:
Saenz Brothers Construction, LLC
3226 N. Victoria Road Donna, Texas 78537



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DRAINAGE DISTRICT CROSSING PERMIT APPLICATION PACKET

5. Estimated date of installation of crossing structure: September 19, 2016

6. Location of crossing structure (Tract No., Survey, Abstract No.): _____
Between El Dora and Sioux Road, Pharr Texas

7. Hidalgo County Drainage District No. 1's easements, ditches, streams, or other drainage ways, property or property interest to be crossed: Ditch
Pharr meadow lateral

8. Names and Addresses of fee owners of property involved and copy of crossing structure easements acquired: Hidalgo County Drainage District No 1



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DRAINAGE DISTRICT CROSSING PERMIT APPLICATION PACKET

9. Number and size of crossing structures: 1 Crossing Structure, 30" Casing

10. Does Applicant have the Power of Eminent Domain? Yes

11. Where is the origin of the crossing structure? Pharr Texas

12. Where is the destination of the crossing structure? Future Fir Street

If requested permit is granted by HCDD, Applicant, in consideration thereof, agrees and binds itself as follows:

1. All crossing structures herein will be placed above the 100 year base flood elevation above existing or planned channel cross sections flow line of ditch as measured from the lowest point of the crossing structure.
2. Location map, profile, and plans concerning the proposed crossing structure will be furnished with this application.
3. HCDD will be notified in writing ten days prior to the beginning date of construction under this permit.



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DRAINAGE DISTRICT CROSSING PERMIT APPLICATION PACKET

4. Applicant will bear the entire expense of all future relocations of any crossing structure should such relocation, at the sole discretion of the Board of Directors of Hidalgo County Drainage District No. 1, be necessary for improvements, alteration, or maintenance of the HCDD's easement or property of interest.
5. Applicant will not do, or cause to be done, anything to impede or obstruct an adequate flow of water through or upon the property on/in which the crossing structure is located; it is specifically understood and agreed that the adequacy of the flow of water referenced herein shall be within the sole discretion of the HCDD.
6. Applicant will notify the HCDD at least 48 hours prior to completion of its work and removal of its equipment from the job site to permit HCDD to make an inspection.
7. Upon notification by the HCDD, the Applicant will promptly repair or rectify any deficiency or condition caused by the Applicant's operations or installations under this permit. Applicant will leave easement in as near the same condition or better, in the HCDD's sole judgment, as it existed prior to the commencement of the operations under this permit.
8. HCDD shall not be liable or responsible for, and shall be saved and held harmless by Applicant, and further shall be indemnified by Applicant, from and against any and all suits, actions, losses, damages, claims, or liability of any character, type, or description, including all expenses of litigation, court costs, attorney's fees, and engineering fees for injury or death to any person, or injury to any property, received or sustained by any person or persons or property, arising out of, or occasioned by, directly or indirectly, the performance of Applicant under this agreement, including claims and damages arising in whole or in part from the negligence of the HCDD.

It is the expressed intent of the parties to this agreement that the indemnity provided for in this section is extended by Applicant to indemnify and protect HCDD from the consequences of HCDD's own negligence, whether that negligence is the sole or contributory cause of the resultant injury, death, or damage.



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DRAINAGE DISTRICT CROSSING PERMIT APPLICATION PACKET

Applicant further agrees to defend, at its own expense, with attorneys acceptable to HCDD and on behalf of the HCDD, and in the name of Hidalgo County Drainage District No. 1, any claim or litigation brought against the HCDD in connection with any such injury, death or damage.

Before construction is begun on such crossing structure, Applicant will furnish to the HCDD a certificate of insurance (or other security approved by the HCDD) payable to Hidalgo County Drainage District No. 1 and protecting Hidalgo County Drainage District No. 1 (as an additional named insured) against any claims for personal injuries or damages to property resulting from the operations of Applicant, its agents, servants, employees, and contractors under this permit. Insurance is to be supplied in accordance with the attached Schedule A.

9. HCDD makes no warranties, expressed or implied, in the granting of this permit; nor does HCDD purport to grant any property interest or exclusive privileges whatsoever by granting such permit. It is specifically understood that HCDD is not the agent for, nor does it act for, the fee owners or any persons or entities having any right, or title to possession of the land upon which the HCDD's easement or other property interest is located. Furthermore, in granting this permit the HCDD makes no representation or warranty that it has any property interest, including, but not limited to, an easement or right of way, in the land upon which Applicant constructs, maintains, repairs, or modifies the structures, pipelines or utilities, made the subject of this application, nor does HCDD make any representation or warranty as to the validity, quality or extent of such property interest, if any. Applicant acknowledges its understanding that HCDD in granting this permit, does not convey or grant to Applicant any rights, title or interest for which it has no legal authority to grant or convey.
10. Applicant binds itself to comply with all federal, state, and local laws or regulations and will obtain all necessary permits from all local and federal agencies required by law before installation or construction is begun.
11. Applicant will install its crossing structure in a manner and location as shown in the plans and specifications filed with HCDD in support of this application for permit. HCDD's engineer or other representative may at any time make such inspection as such engineer or other representative may deem necessary to assure that the construction of the crossing structure is in accordance with the plans and specifications submitted, and said engineer or representative shall have the right to temporarily suspend Applicant's work if necessary, while such inspection



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DRAINAGE DISTRICT CROSSING PERMIT APPLICATION PACKET

is being made. Should Applicant not install the crossing structure in accordance with the terms and conditions of this permit, Applicant agrees that the HCDD shall have the right to require, at Applicant's expense, the removal of the crossing structure and its replacement in conformance to said plans and specifications and conditions of this permit. HCDD may revoke this permit and suspend all work hereunder if it is determined by HCDD that the crossing structure is not being installed/constructed in accordance with such plans and specifications and conditions of this permit. The suspension or revocation of this permit shall not be a basis for a claim for damages against HCDD.

12. Except in emergency situations where it is necessary to protect life and property, Applicant will not make any change, modification, or alteration in or to the crossing structure without first securing a new or amended permit from HCDD prior to the making of any such change. Applicant will maintain the crossing structure hereby authorized in good and safe condition, and in accordance with plans, specifications, and this permit.
13. Applicant agrees to pay HCDD a permit fee to cover administrative costs in the amount of \$500.00 plus a reimbursement to HCDD for any necessary engineering fees which may be incurred for the study and processing of the Application, for each crossing of an HCDD ditch. This fee will permit a single crossing structure to cross at a single crossing location.

Requests to add additional crossing structures, not included in an initial permit application, must be made by separate application, with new permit fees paid accordingly and support data provided.

All permits fees must be submitted with the application for permit.

Permit fees submitted with this application for which crossing structure are not approved by HCDD Board of Directors will be refunded to Applicant.

Permit fees may be waived where Applicant is a state, county, municipality, or a special political division.



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General Manager

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DRAINAGE DISTRICT CROSSING PERMIT APPLICATION PACKET

14. The Applicant is allowed one hundred twenty days (120) from the granting of the permit to start construction of the crossing structure. Once started, the Applicant is allowed ninety (90) days to complete all work under such permit. All construction must be completed within two hundred ten (210) days from the date of issuance of permit. Upon application, extension of the time periods set forth in this paragraph may be granted by the HCDD Board of Directors. Such applications for extension must be received by HCDD at least thirty days before the expiration of the two hundred ten (210) days period. A new permit fee, in accordance with Paragraph 13 hereof, will be charged for each extension granted.

Construction of any crossing structure will not begin until written approval has been given by HCDD.

15. All provisions of the Drainage District Permit Administration Policy of HCDD, if any, and all amendments thereto, are hereby incorporated herein as part of the terms and conditions of this permit for all purposes.
16. Applicant warrants and represents that it has secured from all fee owners of the involved property an easement or other property rights to construct, repair or modify the crossing structure in the manner set forth herein.
17. This Drainage District Crossing Permit if granted by HCDD is subject to any and all other requirements, specifications and conditions listed in Exhibit A attached hereto.
18. HCDD requires the coordinates and elevations of all crossings in NAD 1983 and NAVD 1988 State Plane Texas South for each crossing structure.
19. This permit constitutes the entire agreement between the parties with regard to the subject matter hereof, and all prior agreements, representations, and negotiations between the parties regarding the subject matter are hereby superseded. This permit shall not be altered or amended except by an agreement in writing executed by the parties hereto.



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DRAINAGE DISTRICT CROSSING PERMIT APPLICATION PACKET

20. Applicant warrants and represents that its undersigned representative has full authority to bind Applicant to the terms and conditions of the foregoing Application and Agreement for Drainage District Crossing Permit.

DATED this 2nd day of September, 2016

Saenz Brothers Construction, LLC
(Name of Applicant – Printed or Typed)

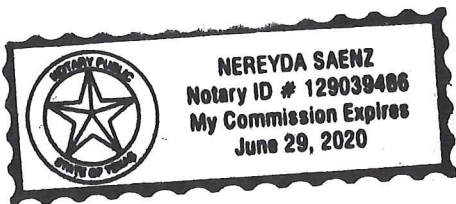
By: [Signature] Fernando Saenz
Signature

Title: Manager

STATE OF TEXAS

COUNTY OF HIDALGO

SUBSCRIBED AND SWORN TO before me the Applicant, Fernando Saenz on this 2nd day of September, 2016 to which witness my hand and seal of office.



[Signature]
Notary Public for the State of Texas

My Commission Expires: June 29, 2020



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DRAINAGE DISTRICT CROSSING PERMIT APPLICATION PACKET

**APPROVAL OF APPLICATION BY
HIDALGO COUNTY DRAINAGE DISTRICT NO. 1**

Came on for consideration this _____ day of _____, 20____. The above and foregoing Application for Drainage Ditch Crossing Permit, and after consideration of the same by the Board of Directors of the Hidalgo County Drainage District No. 1, said Application and Agreement for Pipeline or Utility Permit is hereby APPROVED.

Hidalgo County Drainage District No. 1

Chairman, of the Board



HIDALGO COUNTY DRAINAGE DISTRICT NO. 1
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DRAINAGE DISTRICT CROSSING PERMIT APPLICATION PACKET

EXHIBIT A

The design shall be in accordance with AASHTO LRFD and ASCE 7-10 standard specifications, load combinations and load factors.

The construction shall be in compliance with ASTM and TxDOT standards for material testing.

The walkway shall comply with accessibility codes and shall be ADA compliant.

Lighting shall be in accordance with AASHTO and ANSI/IESNA standard specifications.

All building code requirements shall be met, when applicable.

A geotechnical investigation that includes soil borings at each proposed support location shall be submitted.

Drainage along walkway shall be taken into account.

The structure shall be above the 100 year water elevation. Calculation must be submitted to the district for review and approval.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
5/4/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER McAfee Insurance Agency P. O. Box 625 321 Second Street Mercedes TX 78570		CONTACT NAME: Consuelo Cavazos, CISR PHONE (A/C, No. Ext): (956) 565-2481 E-MAIL ADDRESS: consuelo@mcafeeagency.com		FAX (A/C, No.): (956) 565-2733	
INSURED Saenz Brothers Construction, LLC 3226 N Victoria Rd Donna TX 78537		INSURER(S) AFFORDING COVERAGE		NAIC #	
		INSURER A: Ironshore Specialty Ins. Co.			
		INSURER B: Allstate County Mutual		ACM	
		INSURER C: Torus Specialty Ins. Co.			
		INSURER D: Texas Mutual Ins. Co.			
		INSURER E: Hanover Insurance Company			
		INSURER F:			

COVERAGES **CERTIFICATE NUMBER:** 2016-2017 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:	X Y	AGS0041903	4/23/2016	4/23/2017	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 50,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 Employee Benefits- each \$ 1,000,000
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS	X Y	648638635	4/23/2016	4/23/2017	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Uninsured motorist combined \$ 100,000
C	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$		27929E160ALI	4/23/2016	4/23/2017	EACH OCCURRENCE \$ 1,000,000 AGGREGATE \$ 1,000,000
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N/A	TSF0001251512	4/23/2016	4/23/2017	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
E	Contractors Equipment		IHD9929015 03	4/30/2016	4/30/2017	Leased/Rented Equip 150,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Project: NAWSC Sioux Road 12" Water Line Project

CERTIFICATE HOLDER rgarcia@nawsc.com North Alamo Water Supply Corporation 420 South Doolittle Road Edinburg, TX 78542	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE Robert R Garza/CO <i>Robt R Garza</i>
--	---



HIDALGO COUNTY DRAINAGE DISTRICT NO. 1
902 North Doolittle Rd.
Edinburg, Texas 78542
Office (956) 292-7080
Fax (956) 292-7089

Raul E. Sesin, P.E., CFM
General Manager

Page 1 of 11

DRAINAGE DISTRICT CROSSING PERMIT APPLICATION PACKET

Contact the Hidalgo County Drainage District General Manager to discuss the scope of the project

1. Please return the following for processing (in duplicate):
 - a. Permit application form.
 - b. Locator map.
 - c. Plans/profile of structural crossing.
 - d. Applicant's insurance certificate (in compliance with Schedule A).

2. Check payable to Hidalgo County Drainage District No. 1 for appropriate fees(s) as required.

Hidalgo County Drainage District No. 1 will attempt to process permit applications within a minimum of 30 days after receipt of the above required information.

All questions regarding this application should be addressed to the Hidalgo County Drainage District No. 1 General Manager.

ELDORA ESTATES
VOL. 34 PG 126
H.C.D.R.



1" = 20'
HALL SCALE: 1"=20' (PL 17x14)
HALL SCALE: 1"=40' (PL 17x17)

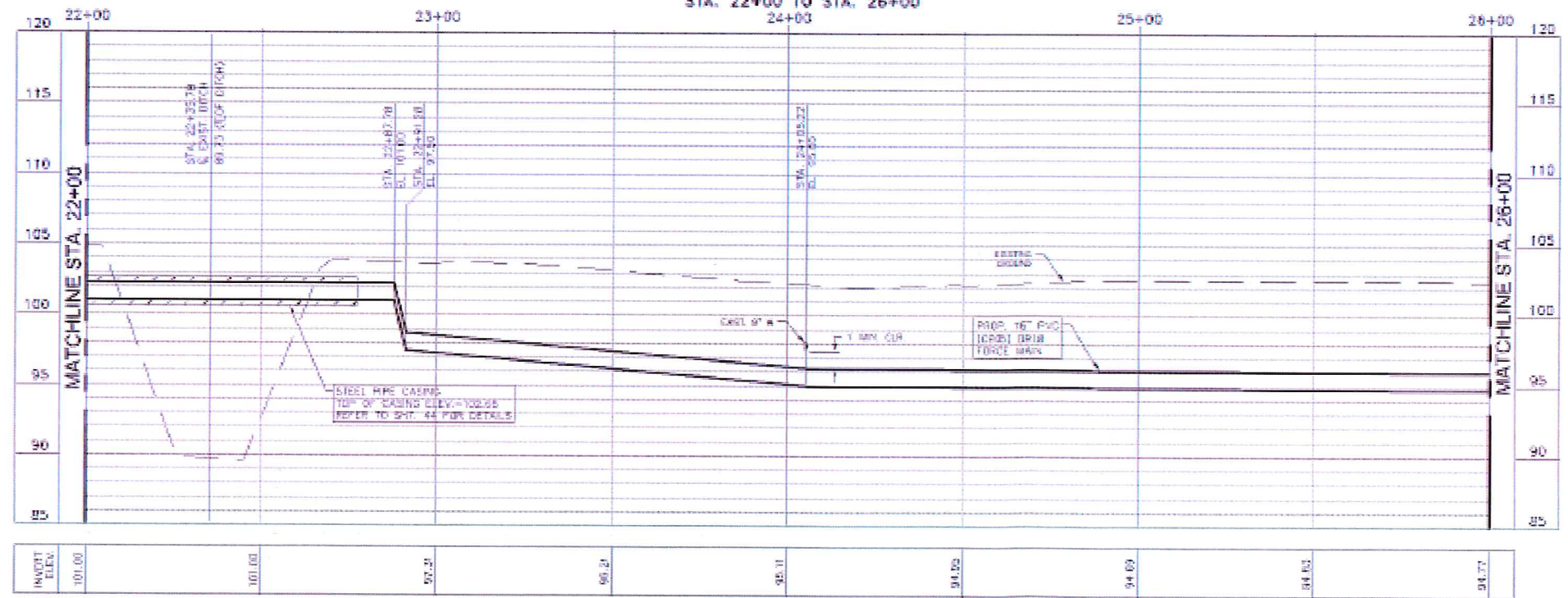
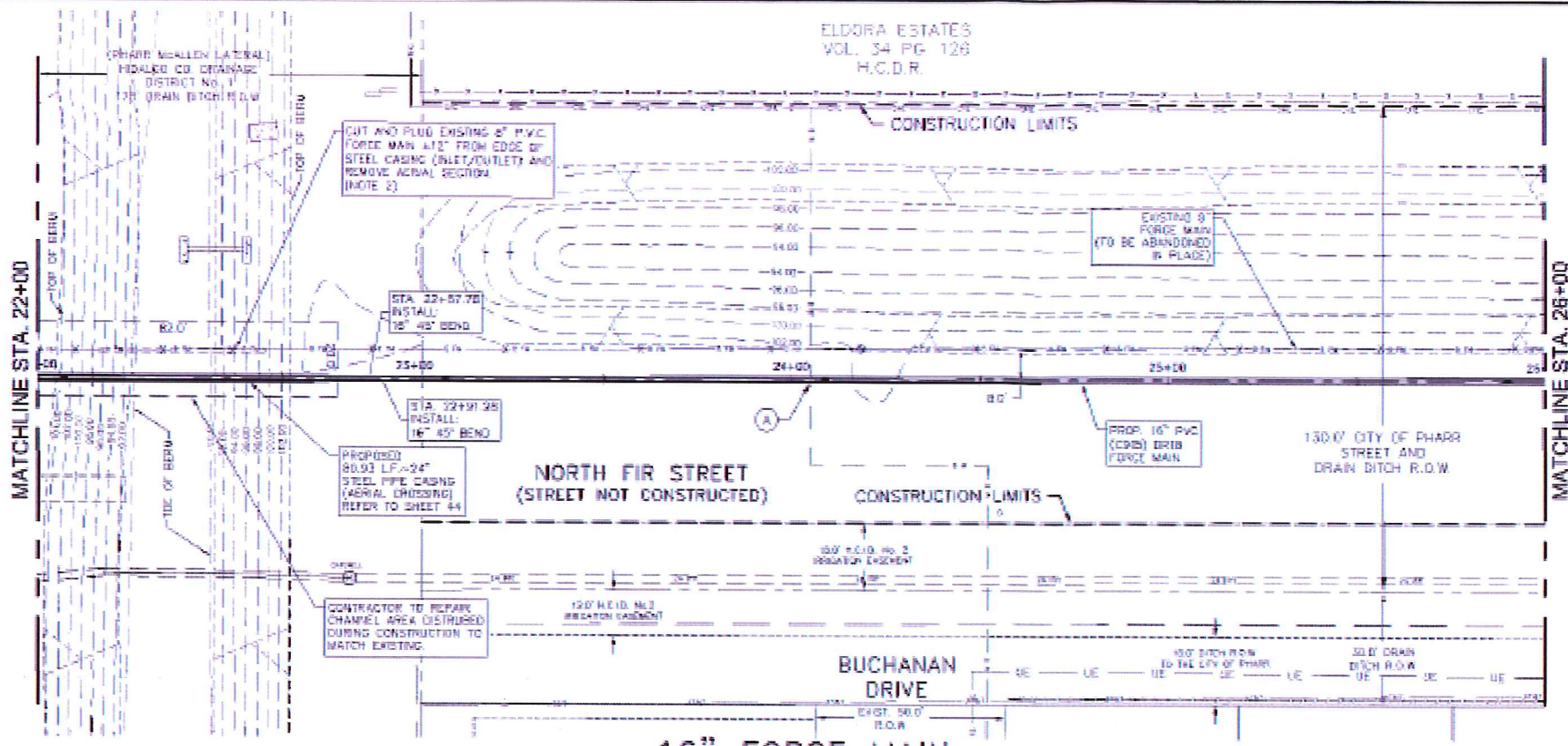
TRENCH EXCAVATION SAFETY PROTECTION
CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY
OBTAINED EMPLOYEE FOR
STRUCTURE DESIGN AND CHECK/SAFETY EQUIPMENT
CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND
AVAILABLE GEOLOGICAL INFORMATION AND THE
ANTICIPATED INSTALLATION SITES WITHIN THE PROPOSED
WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S
TRENCH EXCAVATION SAFETY PROTECTION SPECIAL
PROGRAMS AND/OR PROCEDURES. THE CONTRACTOR'S
IMPLEMENTATION OF THE SPECIAL PROGRAMS AND/OR
PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH
EXCAVATION SAFETY PROTECTION THAT COMPLES WITH AS
A MINIMUM OSHA STANDARDS FOR TRENCH EXCAVATIONS
SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S
INDEPENDENTLY OBTAINED EMPLOYEE OR SAFETY
CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY
PROGRAM IN ACCORDANCE WITH OSHA STANDARDS
REGARDING THE PREVENTION AND MITIGATION OF INDIVIDUALS
WORKING IN AND AROUND TRENCH EXCAVATIONS.

NOTES

1. RESTRAIN FORCE MAIN AT ALL FITTINGS, MINIMUM 25'-FT IN BOTH DIRECTIONS.
2. REMOVE AND DISPOSE OF EXISTING CONCRETE SUPPORT PIERS, BACKFILL REMAINING HOLE/OPENING AND RE-GRADE TO BLEND WITH EXISTING CHANNEL.

KEY NOTES

- (A) CENTER 16'-FT FORCE MAIN JOINT ON WATER MAIN AND MAINTAIN 1' MIN. SEPARATION.



Designed	HJ
Drawn	RW
Checked	J.C.
Approved	J.C.
File	S-080-14



S&GE
Civil Engineers

TRIP Firm No. 15-N014



James H. Hays
71514



CITY OF PHARR
LIFT STATION No. 25 AND 16-INCH
FORCE MAIN IMPROVEMENTS

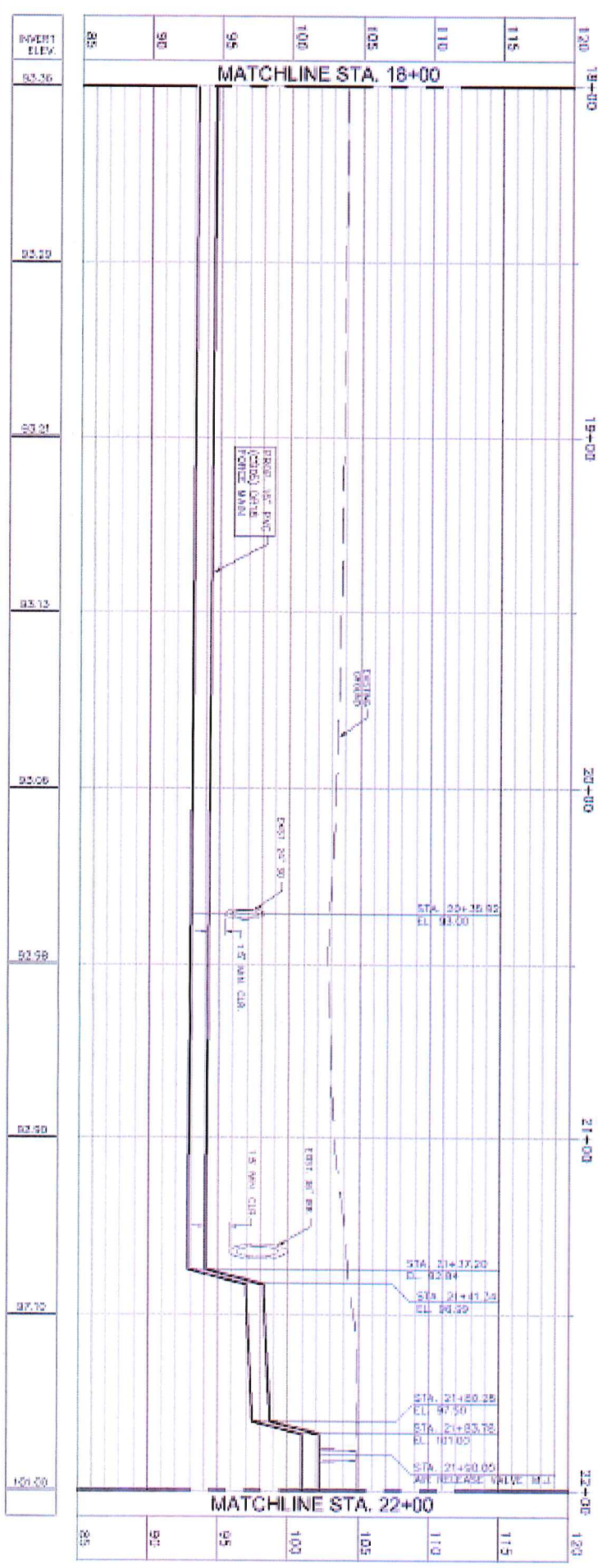
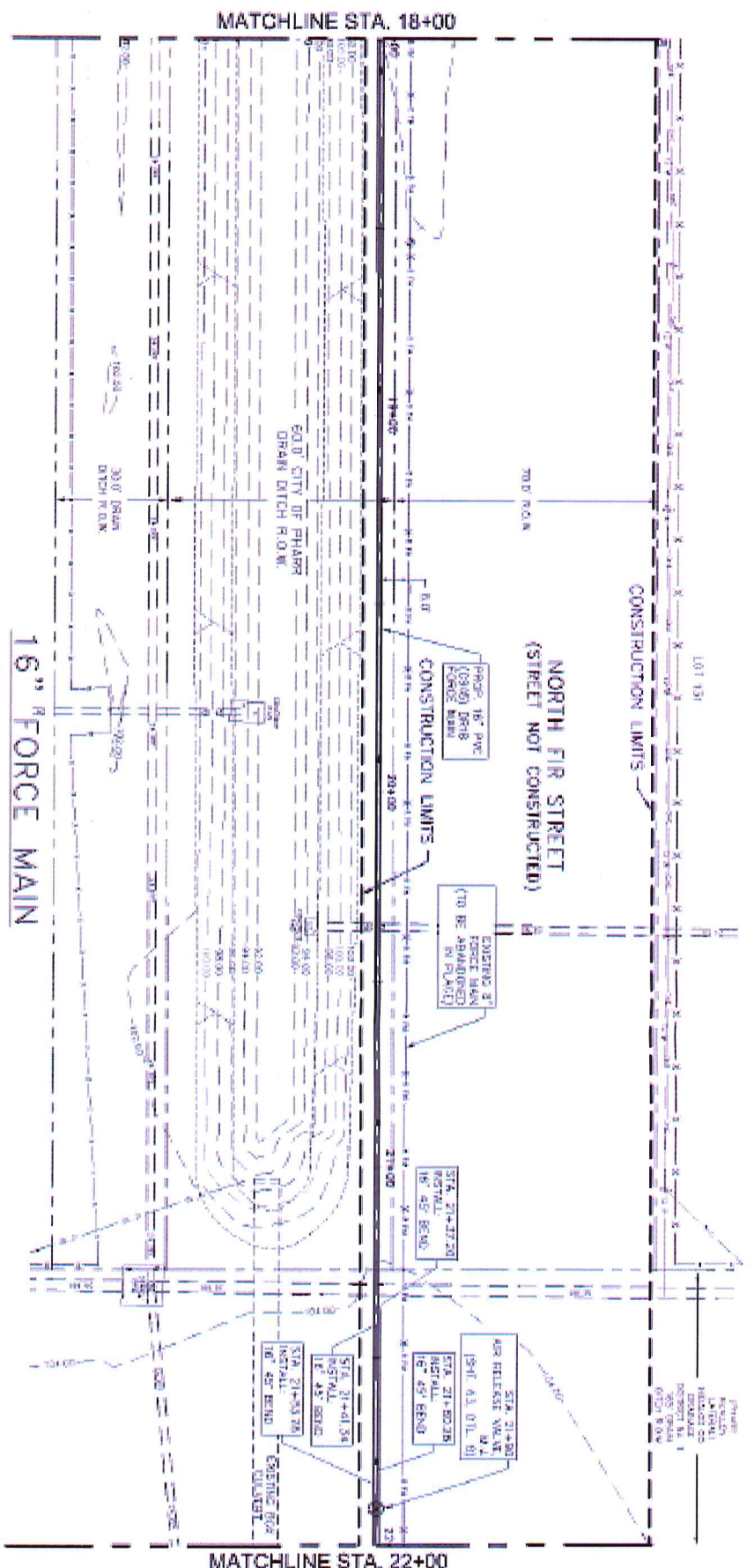


**NORTH FIR STREET
PLAN AND PROFILE
STA. 22+00 TO 26+00**

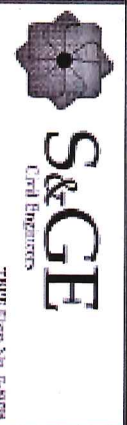
PROJ. NO. 5502.00

33

SHT 33 OF 38



Checked: JG
 Drawn: JG
 Date: 10/20/10

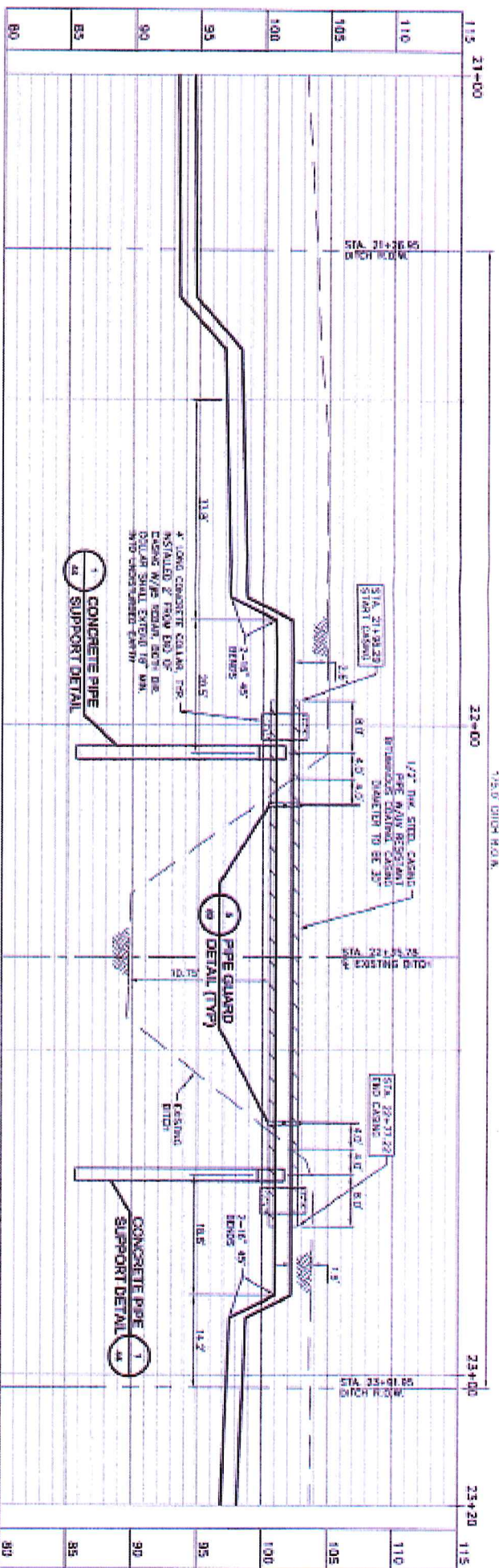


Pharr CITY OF PHARR
 LIFT STATION No. 25 AND 16-INCH
 FORCE MAIN IMPROVEMENTS

NORTH FIR STREET
 PLAN AND PROFILE
 STA. 18+00 TO 22+00

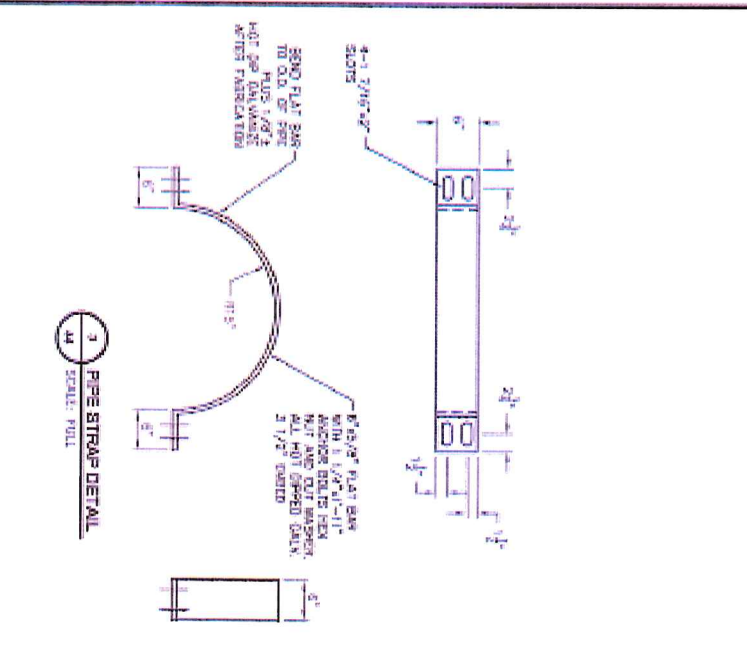
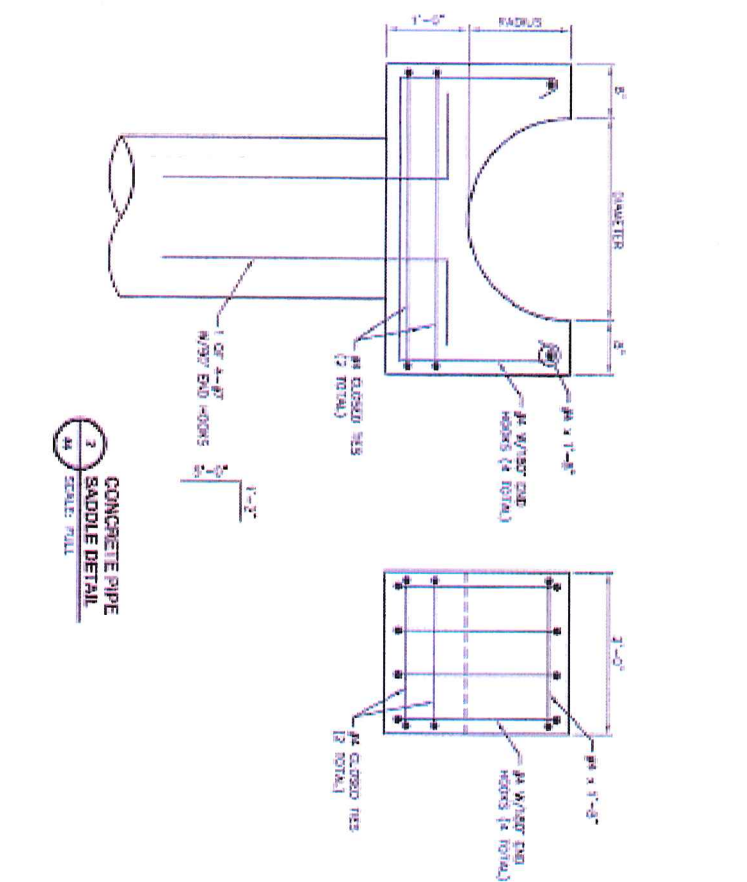
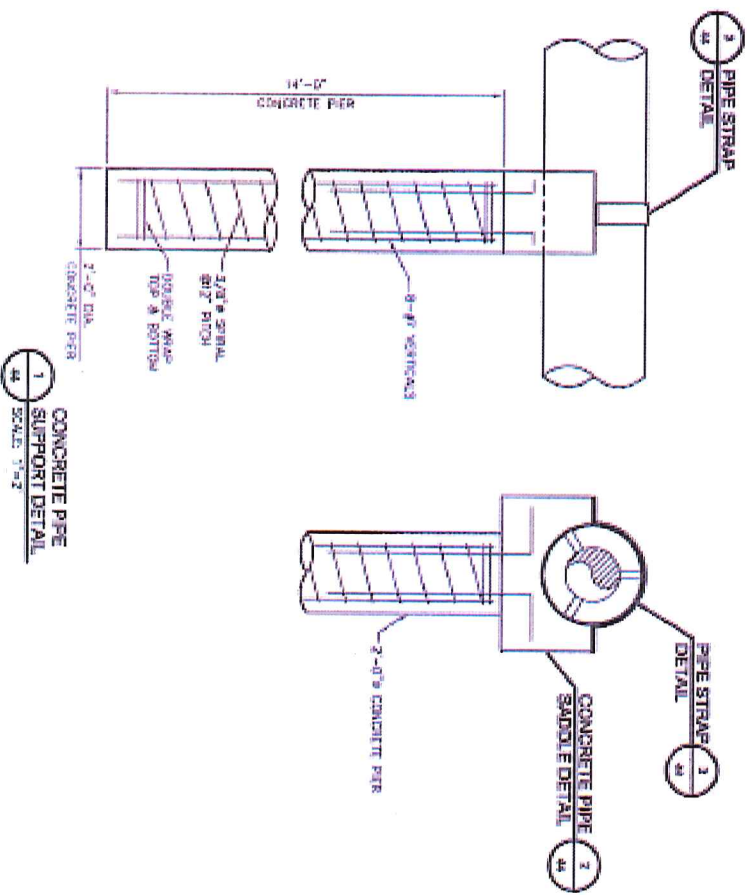
NOTES
 1. REVISION FORCE MAIN AT ALL FITTINGS, WELDS AND JOINTS TO BE MADE IN ACCORDANCE WITH THE CITY OF PHARR WATER MAIN AND SANITARY MAIN SPECIFICATIONS.

KEY NOTES
 1. CENTER 16-INCH FORCE MAIN JOINT ON WATER MAIN AND SANITARY MAIN SEPARATION.

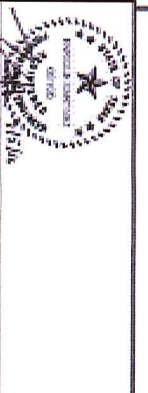


16" FORCE MAIN CHANNEL CROSSING

SCALE: 1"=10' (H), 1"=2' (V)



Design: (H)
 Drawn: (H)
 Checked: J.G.
 Approved: J.G.
 Title: 16" FORCE MAIN CHANNEL CROSSING
 No. 5-11-00-000000



Pharr
 CITY OF PHARR
 LIFT STATION No. 25 AND 16-INCH
 FORCE MAIN IMPROVEMENTS

**16 FORCE MAIN
 CHANNEL CROSSING**
 SHEET 44 OF 55
 2004, NO. 3501.03

AI -56167

4.

DRAINAGE - CONSENT

Meeting Date: 09/06/2016

Submitted By: Claudette Guerrero,
DRAINAGE DISTRICT

Department: DRAINAGE DISTRICT

Information

CAPTION

2013 Bonds

Budget: 365-Rural Drainage Development Pct.1

Engineering Firm: Urban Infrastructure Group

Inv. 0816112802 in the amount of \$3,232.00 related to Work Authorization No. 3-HEC RAS Model for Pct.1 Mile 13 1/2 and 1015 Area Drainage Improvement Project.

PO#629555

BACKGROUND

Fiscal Impact

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
Budget & Management	Veronica Ortiz	09/01/2016 03:11 PM
Final Approval	Monica Badillo	09/02/2016 04:35 PM
Form Started By: Claudette Guerrero		Started On: 09/01/2016 01:38 PM
Final Approval Date: 09/02/2016		

AI -56195

5.

DRAINAGE - CONSENT

Meeting Date: 09/06/2016

Submitted By: Claudette Guerrero,
DRAINAGE DISTRICT

Department: DRAINAGE DISTRICT

Information

CAPTION

2013 Bonds

Budget: 365-Rural Drainage Development Pct.4

Engineering Firm: LeFevre Engineering & Management Consulting, LLC

Inv. no. July 16-5 in the amount of \$59,449.75 related to Work Authorization No. 1-Engineering Services for Kenyon Road & Mile 17 1/2 Area Drainage Improvement.

PO#626105 & 626106

BACKGROUND

Fiscal Impact

Attachments

Inv# July 16-5-LeFevre

Form Review

Inbox	Reviewed By	Date
Budget & Management	Veronica Ortiz	09/02/2016 01:49 PM
Final Approval	Monica Badillo	09/02/2016 04:35 PM
Form Started By: Claudette Guerrero		Started On: 09/02/2016 10:08 AM
Final Approval Date: 09/02/2016		



Hidalgo County Drainage District No. 1

902 North Doolittle Road, Edinburg, TX 78542 Office: 956-292-7080

Invoice Processing Routing Slip Invoice/ Backup

Date Received: 8/19/2016

Engineer/Firm Name: LeFEVRE Engineering

Project Name/Number: Pct. 4 Kenyon and Mile 17 1/2

Invoice No.: Invoice No. July 16-5

Invoice Date: 7/29/2016

Due Date: 9/18/2016

Purchase Order No.: 626105, 626106

Amount: \$59,449.75

Total # of Pages Submitted: 1

Attachments: CD USB Plans Other: _____

Engineering: Construction:

Received By: Maria Perez

Forwarded to:

Nora D. Cavazos _____ Date: _____

Esther Layton _____ Date: _____

Claudette Guerrero _____ Date: _____

Jose N. Saldivar _____ Date: _____

Lora Briones _____ Date: _____

Additional Comments: _____

LeFEVRE

ENGINEERING &
MANAGEMENT CONSULTING, LLC

612 Nolana, Suite 520
McAllen, Texas 78504
Tel. 956.687.1EMC
Fax. 956.687.5363

Texas Registered Engineering Firm F-11722

Invoice

Date	Invoice #
7/29/2016	July 16-5

Bill To
Hidalgo Drainage District #1 c/o Noe Saldivar, P.E. 902 N Doolittle Rd Edinburg, TX 78542

RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

AUG 19 2016

10:00 AM PM

BY: *MSJ*

P.O. No.	Terms	Project
Kenyon		

Item	Description	Est Amt	Prior Amt	Prior %	Qty	Rate	Curr %	Total %	Amount
Service	Basic Engineering: Engineering	56,637.00			0.9	56,637.00	90.00%	90.00%	50,973.30
Service	Basic Engineering: Hydraulics Study	14,159.25	7,866.25	55.56%	0.3444	14,159.25	34.44%	90.00%	4,876.45
Service	Geotech Engineering	3,600.00			1	3,600.00	100.00%	100.00%	3,600.00
Service	Survey Topography	19,665.63	19,665.63	100.00%	0	19,665.63	0.00%	100.00%	0.00

Total		\$59,449.75
Payments/Credits		\$0.00
Balance Due		\$59,449.75

AI -56200

6.

DRAINAGE - CONSENT

Meeting Date: 09/06/2016

Submitted By: Claudette Guerrero,
DRAINAGE DISTRICT

Department: DRAINAGE DISTRICT

Information

CAPTION

Engineering Firm: Tedsi Infrastructure Group

2013 Bonds

Budget: 360-Lower Rio Grande Valley Regional Mgt Program

A. Invoice No. 20162820 in the amount of \$180.00 related to Work Authorization No. 12-Legal Services.
PO#623665

Budget: 365-Rural Drainage Development Pct.1

B. Invoice No. 20162821 in the amount of \$8,146.70 related to Work Authorization No. 20-Engineering Services for Old River Road.
PO#628445.

C. Invoice No. 20162769 in the amount of \$5,580.00 related to Work Authorization No. 22-Engineering Services for Adams & Black Outfall-Analysis.
PO#629186.

BACKGROUND

Fiscal Impact

Attachments

Teds Inv#20162769

Teds Inv#20162821

Teds Inv#20162820

Form Review

Inbox

Budget & Management

Final Approval

Form Started By: Claudette Guerrero

Final Approval Date: 09/02/2016

Reviewed By

Veronica Ortiz

Monica Badillo

Date

09/02/2016 01:49 PM

09/02/2016 04:35 PM

Started On: 09/02/2016 11:15 AM



Hidalgo County Drainage District No. 1

902 North Doolittle Road

Edinburg, Texas 78542

Office: (956) 292-7080

Invoice Processing Routing Slip Invoice/ Backup

Date Received:

6/28/2016

Engineer/Firm Name:

TEDSI Infrastructure Group

Project Name/Number:

Adams & Black Outfall- Analysis, WA No. 22

Invoice No.:

20162769

Purchase Order No.:

629186

Received By:

Maria Perez

Forwarded to:

Nora D. Cavazos

Date:

Claudette Guerrero

Date:

Total # of Pages Submitted:

2

Attachments:

CD

Amount:

\$5,580.00

Forwarded to:

Jose N. Saldivar

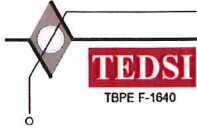
Date:

Forwarded to:

Lora Briones

Date:

Additional Comments:



TEDSI INFRASTRUCTURE GROUP

Consulting Engineers
1201 East Expressway 83 ♦ Mission, Texas 78572
Tel: (956) 424-7898
Fax: (956) 424-7022

June 23, 2016

Project No: 2013-1128-22

Invoice No: 20162769

RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

JUN 28 2016

4:00 AM/PM

BY: MAP

Ms. Claudette Guerrero
Hidalgo County Drainage District No. 1
902 North Doolittle Road
Edinburg, TX 78542

Project 2013-1128-22 Adams & Black Outfall - Analysis

Precinct 1 2012 Bond Referendum - Work Authorization No. 22
Provide Analysis of Proposed Outfall and Receiving Ditch for Adams & Black Outfall
Approved by BOD on March 22, 2016
Purchase Order No. 629186

Professional Services from Notice to Proceed to May 31, 2016

Fee

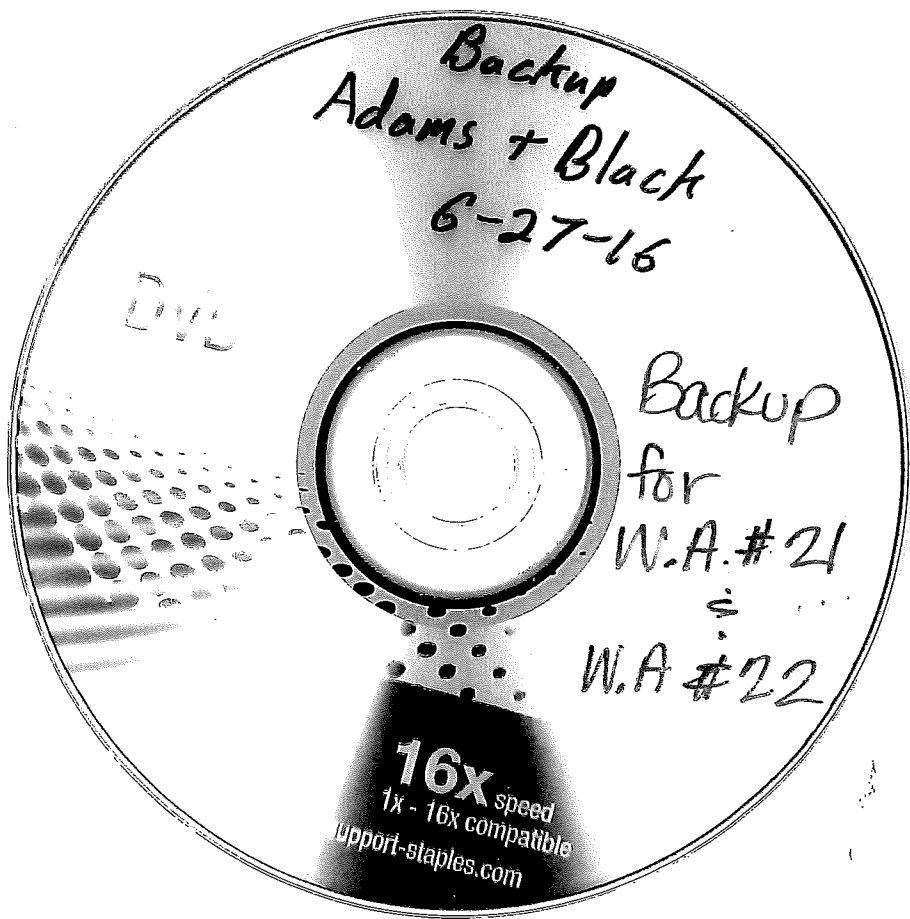
Billing Phase	Fee	Percent Complete	Earned	Previous Fee Billing	Current Fee Billing
Analysis	18,600.00	30.00	5,580.00	0.00	5,580.00
Total Fee	18,600.00		5,580.00	0.00	5,580.00
Total Fee					5,580.00

Billing Summary

	Current	Prior	To-Date
Total Billings	5,580.00	0.00	5,580.00
Total Fee			18,600.00
Remaining Fee			13,020.00
Total this Invoice			\$5,580.00

PLEASE REMIT PAYMENT TO:
TEDSI Infrastructure Group, Inc.
738 Highway 6 South, Suite 430
Houston, Texas 77079

Authorized By: Mark D. Corbitt Date: 06-27-2016
Mark D. Corbitt, P.E.
Project Manager



Backup
Adams + Black
6-27-16

DVL

Backup
for
W.A.#21
W.A.#22

16x speed
1x - 16x compatible
support-staples.com



Hidalgo County Drainage District No. 1

902 North Doolittle Road, Edinburg, TX 78542 Office: 956-292-7080

Invoice Processing Routing Slip

Invoice/ Backup

Date Received: 8/26/2016

Engineer/Firm Name: TEDSI Infrastructure Group

Project Name/Number: Old River Road

Invoice No.: Invoice No. 20162821

Invoice Date: 8/24/2016

Due Date: 9/25/2016

Purchase Order No.: 628445

Amount: \$8,146.70

Total # of Pages Submitted: 3

Attachments: CD USB Plans Other: _____

Engineering:

Construction:

Received By: Maria Perez

Forwarded to:

Nora D. Cavazos _____ Date: _____

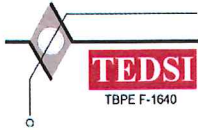
Esther Layton _____ Date: _____

Claudette Guerrero _____ Date: _____

Jose N. Saldivar _____ Date: _____

Lora Briones _____ Date: _____

Additional Comments: _____



TEDSI INFRASTRUCTURE GROUP

Consulting Engineers

1201 East Expressway 83 ♦ Mission, Texas 78572
Tel: (956) 424-7898
Fax: (956) 424-7022

August 24, 2016

Project No: 2013-1128-20

Invoice No: 20162821

Ms. Claudette Guerrero
Hidalgo County Drainage District No. 1
902 North Doolittle Road
Edinburg, TX 78542

Project 2013-1128-20 Old River Road

Precinct 1 2012 Bond Referendum - Work Authorization No. 20
Provide Preliminary Engineering Report for Old River Road
Approved by BOD on December 15, 2015
Account No. 15-133-433-365-010-007-4330; Req. No. 628445

Professional Services from July 01, 2016 to July 31, 2016

Fee

Billing Phase	Fee	Percent Complete	Earned	Previous Fee Billing	Current Fee Billing
Survey	14,483.01	100.00	14,483.01	14,483.01	0.00
Preliminary Engineering Report	54,311.29	75.00	40,733.47	32,586.77	8,146.70
Total Fee	68,794.30		55,216.48	47,069.78	8,146.70
Total Fee					8,146.70

Billing Summary

	Current	Prior	To-Date
Total Billings	8,146.70	47,069.78	55,216.48
Total Fee			68,794.30
Remaining Fee			13,577.82

Total this Invoice \$8,146.70

PLEASE REMIT PAYMENT TO:
TEDSI Infrastructure Group, Inc.
738 Highway 6 South, Suite 430
Houston, Texas 77079

RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

AUG 26 2016

10:05 AM / PM

BY: [Signature]

Authorized By: Mark D. Corbitt
Mark D. Corbitt, P.E.
Project Manager

Date: 08-24-2016

**Old River Road – WA#20
Monthly Progress Report No. #4 – July 2016**

Period of Coverage: July 01, 2016 through July 31, 2016
Date of Submittal: August 24, 2015
Submitted To: Noe Saldivar/Claudette Guerrero, HCDD #1
PREPARED BY: TEDSI Infrastructure, Inc.
This study covers the following activities:

1. Preliminary Engineering Report

PROGRESS TO REPORT FOR THIS PERIOD

Activity 1 – Survey

This task is 100% Complete to date.

Activity 2 – Preliminary Engineering Report

This task is 75% Complete to date. TEDSI is currently making modifications to the proposed drain and associated laterals as they relate to drainage for the City of Donna.



Old River Rd.
Chapel Drive

STAPLES

DVD-R

4.7GB
16x
1x - 16x compatible
product-support-staples.com



**HIDALGO COUNTY
DRAINAGE DISTRICT**

902 N. DOOLITTLE
EDINBURG, TEXAS 78542

628445

Date	Number
12/23/2015	628445

PURCHASE ORDER

Vendor Address:
TEDSI INFRASTRUCTURE GROUP
1201 E. EXPRESSWAY 83
MISSION, TX 78572

Attention: J. SALAZAR
Shipping Address: 902 N. Doolittle
Edinburg, TX 78542

HCDD1 ADMIN. PCT.1 2012 BOND REF. WA NO. 20 TO
PROVIDE PRELIMINARY ENGINEERING REPORT FOR OLD
RIVER RD. AREA APPROVED BY BOD ON 12/15/15

Shipping Method: N/A

VENDOR NOTES

- DO NOT ADD TO, ALTER THIS PURCHASE ORDER. THIS ORDER IS NOT RENEWABLE.
- TAX EXEMPTION: THIS PURCHASE ORDER MAY BE ACCEPTED IN LIEU OF EXEMPTION CERTIFICATE.
- THIS ORDER IS ALSO PLACED F.O.B. DESTINATION. VENDOR MUST REPAY ALL SHIPPING COSTS.
- INVOICE EACH PURCHASE ORDER SINGLY. ORIGINAL INVOICES ARE REQUIRED. CUSTOMER COPY MAY BE ACCEPTED.
- PAYMENT WILL BE MADE ONLY FOR BONA FIDE AND FULLY COMPLETED ORDERS, UNLESS OTHERWISE ATTACHED.

Item Code	Description	GL Code	Dist... Code	Quantity	Unit Price	Total	Date Received
	ENGINEERING SERVICES	43340	365	1.00	68,794.30	68,794.30	

Purchase Order Total: \$68,794.30

Vendor Name TEDSI INFRASTRUCTURE GROUP

12/23/2015

628445

Item Code	Item Description	Unit of Measure	Quantity	Unit Price	Total
	ENGINEERING SERVICES	EA	1.00	68,794.30	68,794.30

Purchase Order Total: \$68,794.30

Authorized By:

12-23-15

STANDARD PURCHASE ORDER TERMS AND CONDITIONS
HIDALGO COUNTY DRAINAGE DISTRICT NO. 1

1. **Terms and acceptance.** This order becomes a contract (1) when a signed acknowledgment of the order is received by Buyer, or (2) when shipment according to schedule of all or any portion of the goods covered by this order shall be made, or (3) when Buyer gives Seller written approval of the price and delivery schedule of the goods as stated by Seller if Seller's written acknowledgment of this order contains either: (a) a different price or delivery schedule or a different type of item, or (b) no price or no delivery schedule for the item or items to which Buyer's approval applies. Except as provided in the preceding sentence, it is a condition of this order that any provisions printed or otherwise contained in any acknowledgment hereof, inconsistent with or in addition to the terms and conditions herein stated, and any alteration in this purchase order, shall have no force or effect, and that Seller by such acknowledgment thereby agrees that any such provisions therein or any such alterations in this order shall not constitute any part of this contract of purchase and sale. Except where this order is made pursuant to a competitive bid awarded under the County Purchasing Act, this contract contains the entire agreement of the parties, and failure of either party to enforce any of its rights hereunder shall not constitute a waiver of such rights or of any other rights hereunder; where this order is made pursuant to a competitive bid awarded under the County Purchasing Act, the specifications, bid, and this contract contain the entire agreement of the parties, and failure of either party to enforce any of its rights hereunder shall not constitute a waiver of such rights or of any other rights hereunder, and the specifications and bid are incorporated herein by reference to the same extent as if fully set forth herein.

2. **Inspection, warranty.** Goods delivered (whether paid for or not) are subject to inspection, testing, and approval by Buyer before acceptance. Seller expressly warrants that all articles, materials, and work will conform to the applicable drawings, specifications, samples, or other descriptions given in all respects and that goods delivered hereunder will be of good quality, material and workmanship, merchantable and free from defects. This warranty shall survive any inspection, delivery, acceptance, or payment by Buyer of the goods or services.

3. **Nonconforming goods.** All goods not fully up to standard and not in compliance with the specifications hereof, or shipped contrary to instructions, or in excess of the quantities herein provided, or substituted for goods described, or not shipped in containers conforming to Buyer's specifications, (or, in the absence of such specifications, in recognized standard containers), or allegedly violating any statute, ordinance, or administrative order, rule, or regulation, may be rejected by Buyer and returned or held at Seller's expense and risk. Buyer may charge to Seller all expenses of inspecting, unpacking, examining, repacking, storing, and reshipping any goods rejected as aforesaid. The remedies hereinabove afforded to Buyer shall not be exclusive, but Buyer may hold Seller liable for any and all damages arising from any breach or default hereinabove set forth.

4. **Product warranty.** Seller shall not limit or exclude any implied or expressed warranties and any attempt to do so shall render this contract voidable at the option of the Buyer. Seller warrants that the goods furnished will conform to the specifications, drawings, and descriptions listed in the bid invitation, or request for quotes, and to the sample(s) furnished by Seller, if any. In the event of a conflict between the specifications, drawings, and descriptions, the specifications shall govern.

5. **Safety warranty.** Seller warrants that the product sold to Buyer shall conform to the standards promulgated by the U.S. Department of Labor under the Occupational Safety and Health Act of 1970 (OSHA). In the event the product does not conform to OSHA standards, Buyer may return the product for correction or replacement at the Seller's expense. In the event Seller fails to make the appropriate correction within a reasonable time, the correction made by Buyer will be at Seller's expense.

6. **Price warranty.** The price to be paid by the Buyer shall be that contained in Seller's bid or quote, and is not subject to increase. No additional amounts shall be chargeable to Buyer because of taxes or excises in accordance with State law regarding sales taxes and excise taxes or any other tax, presently or hereafter levied on Seller. If Seller's quoted prices for the goods covered by this order are reduced (whether in the form of a price reduction, close-out, rebate, allowances, or additional discounts offered to anyone) at time of any shipment, Seller agrees that the price to Buyer for such goods will be reduced accordingly, and that Buyer will be billed at such reduced prices. If price includes taxes or excises, and if such taxes or excises or any part thereof are hereafter refunded to Seller, Seller shall immediately pay Buyer the amount of such refund. Seller warrants that the prices herein are not higher than prices being charged to other organizations and public entities purchasing identical goods in smaller quantities at this particular time and do not discriminate against purchaser. The Seller warrants that no person or selling agency has been employed or retained to solicit or secure this contract upon an agreement or understanding for commission, kickback, bribe, percentage, brokerage, or contingent fee excepting bona fide employees of bona fide established commercial or selling agencies maintained by the Seller for the purpose of securing business. For breach or violation of this warranty, the Buyer shall have the right in addition to any other right or rights to cancel this contract without liability and to deduct from the contract price, or otherwise recover the full amount of such commission, kickback, bribe, percentage, brokerage or contingent fee.

7. **Invoices and Payments.** A new Seller must provide a completed Bidder/Vendor Application and completed W-9 with initial invoice or delivery ticket. These forms are required by the Hidalgo County Drainage District No. 1's to set up new vendors prior to issuance of the initial purchase order.

a. **invoicing:** Seller shall submit a separate invoice for each purchase order filled. Seller must indicate the purchase order, and the supply agreement number, if applicable. Invoices shall be itemized and transportation charge(s), if any, shall be listed separately on the invoice(s). No federal excise, state or city sales tax should be included. A copy of Hidalgo County Drainage District No. 1's exemption certificate will be provided upon request; original invoice(s), delivery ticket(s), bill(s) of lading, freight bill(s), and other proof of delivery must be sent or provided to the user department(s) for verification and approval. Seller shall keep Hidalgo County Drainage District No. 1 informed of any changes in address (es) and business status.

b. **Payment:** Payment is contingent upon the statutory auditing and approval of invoices and claims by the office of the Hidalgo County Drainage District No. 1, and also approval by the Hidalgo County Drainage District No. 1 Board of Director's at a regular scheduled public meeting. Seller must notify Hidalgo County Drainage District No. 1 of any changes in address (es) and business status.

8. **Gratuities:** The Buyer may, by written notice to Seller, cancel this contract without liability to Seller, if it is determined by Buyer that gratuities, kickbacks or bribes, in the form of entertainment, gifts, or otherwise, were offered or given by Seller, or any agent or representative of Seller, to any officer or employee of the Hidalgo County Drainage District No. 1 with a view toward securing a contract or securing favorable treatment with respect to the performing of such a contract. In the event this contract is canceled by Buyer pursuant to this provision, Buyer shall be entitled, in addition to any other rights and remedies, to recover or withhold the amount of the cost incurred by Seller in providing such gratuities.

9. **Special tools and test equipment.** If the price stated on the face hereof includes the cost of any special tooling or special test equipment fabricated or required by Seller for purpose of filling this order, such special tooling equipment and any process sheets related thereto shall become the property of Buyer and to the extent feasible shall be identified by Seller as such.

10. **Delivery time of essence.** Buyer's schedules are based upon the agreement that the good will be delivered to Buyer by the dates specified on the face of the purchase order. Time is therefore of the essence and if goods are not delivered within the time specified hereon, Buyer may reject such goods and cancel order. The acceptance of later or defective deliveries shall not be deemed a waiver by Buyer of its right to cancel this order, or to refuse to accept further deliveries.

11. **Seller to package goods.** Seller will package goods in accordance with good commercial practice. Each shipping container shall be clearly and permanently marked as follows: (a) Seller's name and address; (b) consignee's name, address and purchase order or purchase release number and the supply agreement number, if applicable; (c) container number and total number of containers (e.g., box 1 of 4 boxes); and (d) the number of the container bearing the packing slip. Seller shall bear the cost of packaging unless otherwise provided. Goods shall be suitably packed to carriers and any applicable specifications. Buyer's count or weight shall be final and conclusive on shipments not accompanied by packing list.

12. **Shipment under reservation prohibited.** Seller is not authorized to ship the goods under reservation and no tender of a bill of lading will operate as a tender of goods.

13. **Title and risk of loss.** The title and risk of loss of the goods shall not pass to Buyer until Buyer actually receives and takes possession of the goods at the point or points of delivery.

14. **Delivery terms and transportation charges.** F.O.B. Destination Freight prepaid unless delivery terms are specified otherwise in bid or quote. Buyer agrees to pay the actual costs, if the quoted delivery terms do not include transportation costs, provided Buyer shall have the right to designate what method of transportation shall be used to ship the goods.

15. **Place of delivery.** The place of delivery shall be that set forth in the block on the purchase order or purchase release entitled "Receiving Agency." Any change thereto shall be effected by modification as provided for in paragraph 22, "Modification", hereof. The terms of this agreement are "no arrival, no sale."

16. **Warranty against infringement.** Seller warrants that the sale or use of good of Seller's design or Seller's patents covered by this order either alone, or in combination with other materials, will not infringe or contribute to the infringement of any patents or trademarks or copyrights either in the U.S.A. or foreign countries, and Seller shall defend every suit which shall be brought against Buyer or any party selling or using Buyer's products for any alleged infringement of any patents, trademarks or copyrights, by reason of the sale or use of said materials either alone, or in combination with other materials and to pay all expenses and fees of counsel which shall be incurred in and about defending every such suit and all costs, damages, and profits recoverable in every such suit.

17. **Compliance with law.** The performance of any work pursuant to this order is and shall be subject in all respects to and in compliance with all laws, rules, regulations, and ordinances, proclamations, demands, directives, executive orders, or other requirements of the municipal, state, and federal governments and all subdivisions thereof which now govern or may hereafter govern the manufacture, sale, or delivery of the parts, supplies, and goods, contemplated by this order, including, but not limited to the provisions of the Fair Labor Standards Act of 1938, the Walsh Healy Act, the Federal Food, Drug, and Cosmetics Act, and any other applicable laws.

18. **Indemnification by Seller.** Seller will indemnify, hold harmless, and defend Buyer from all liability for loss, damage, or injury to person or property in any manner arising out of or incident to the performance of the contract.

19. **Taxes.** Seller accepts liability for payment of all payroll and Social Security taxes and all other federal, state, or local taxes now or hereinafter imposed by any governmental authority.

20. **Conflicting terms.** If terms on this order do not appear on or agree with Seller's invoice as rendered, Seller agrees that Buyer may change invoice to conform to his order and make payment accordingly.

21. **Delegation, assignment.** Seller shall not delegate or assign any duties or claims under this order without Buyer's prior written consent. Any such delegation or assignment attempted without Buyer's previous written consent shall effect, at Buyer's option, a cancellation of all of Buyer's obligation hereunder. All claims for moneys due or to become due from Buyer shall be subject to deduction by Buyer, for any setoff or counterclaim arose before or after any such assignment by Seller.

22. **Modification.** Buyer shall have the right to make, from time to time, and without notice to any sureties or assignees, changes as to packing, testing, destination, specifications, designs, and delivery schedule. Seller shall immediately notify Buyer of any increases or decreases in costs caused by such changes and an equitable adjustment of prices or other terms hereof shall be agreed upon in a written amendment to this order.

23. **Cancellation.** Buyer reserves the right at any time and from time to time without cause, to cancel all or any part of the undelivered portion of this order by notice to Seller. In the event of such cancellation, Buyer shall not be liable to Seller for loss of anticipatory profits. The provisions of this paragraph shall not limit or affect Buyer's right to terminate this purchase order for default of Seller.

24. **Waiver of liens.** Seller hereby waives the relinquishes all liens and claims statutory or otherwise which Seller now has or may hereafter have as a result of labor done and materials furnished by Seller or Buyer in performance of the within order.

25. **Default.** Upon the happening of any one or more of the following events, Buyer shall forthwith have the unrestricted right to cancel and terminate the within contract without cost or liability to the Buyer: (1) Seller's insolvency or inability to meet obligations as they become due; (2) filing of voluntary or involuntary petition of bankruptcy by or against Seller; (3) institution of legal proceedings against Seller by creditors or stockholders; (4) appointment of a receiver for Seller by any court of competent jurisdiction. The acceptance of goods or performance after the occurrence of any of the events above enumerated shall not affect the right of the Buyer to cancel its additional obligations.

26. **Interpretation-Parol Evidence.** This writing is intended by the parties as a final expression of their agreement and is intended also as a complete and exclusive statement of the terms of their agreement. No course of prior dealings between the parties and no usage of the trade shall be relevant to supplement or explain any term used in this agreement. Acceptance or acquiescence in a course of performance rendered under this agreement shall not be relevant to determine the meaning of this agreement even though the accepting or acquiescing party has knowledge of the performance and opportunity for objection. Whenever a term defined by the Uniform Commercial Code (UCC) is used in this agreement, the definition contained in the UCC is to control.

27. **Applicable law.** This order shall be governed by the Uniform Commercial Code. Whenever the term "Uniform Commercial Code" is used, it shall be construed as meaning the Uniform Commercial Code as adopted in the State of Texas as effective and in force on the date of this order.

28. **Advertising.** Seller shall not advertise or publish, without Buyer's prior requests for information from an authorized representative of the federal, state or local government.

29. **Right to assurance.** Whenever one party to this contract in good faith has reason to question the other party's intent to perform, it may demand that the other party give written assurance of this intent to perform. In the event that a demand is made and no assurance is given within five (5) days, the demanding party may treat this failure as an anticipatory repudiation of the contract.

30. **Venue.** Both parties agree that venue for any litigation arising from this contract shall lie in Hidalgo County, Texas.

31. **Prohibition against personal interest in contracts.** No elected official, officer or employee of the Hidalgo County Drainage District No. 1 shall have a financial interest, direct or indirect, in any contract with the County, or shall be financially interested, directly or indirectly, in the sale to the District of any land, materials, supplies or services, except on behalf of the District as an officer or employee. Any willful violation of this paragraph shall constitute malfeasance in office, and any officer or employee guilty thereof shall be subject to removal from his office or position. Any violation of this paragraph, with the knowledge, express or implied, of the person or corporation contracting with the District shall render the contract voidable by the Hidalgo County Drainage District No. 1 Board of Directors. Any request for exceptions to this shall be accompanied by a letter from the District Attorney indicating that there will not be a violation of local, state and federal law.

32. **Miscellaneous.**

a. The seller shall cooperate with any internal audit or any independent audit and provide documentation and/or confirmation of any transaction between the Hidalgo County Drainage District No. 1 and the Seller.

b. If components comprise a single unit are itemized, the invoice must include a statement sufficient to indicate that the components comprise a single unit.

c. If the Seller receives a request to describe items in an invoice which is inconsistent with the correct description, the Seller should request that a written request be made. It shall be the Seller's responsibility to notify the Hidalgo County Drainage District No. 1 of such requests and provide all related information.

d. The Seller shall not use the District's purchasing account to sell personal items to employees of the District. The Seller shall notify the Hidalgo County Drainage District No. 1 of such requests and provide all related information.

e. Invoices submitted to the Hidalgo County Drainage District No. 1 must indicate whether there are multiple pages and the pages must be numbered.

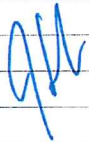
Requisition Form

Requisition Number:	101561	Status:	Completed Request
Unit Number:	WA. NO. 20 PCT.1 2012 BOND REF. OLD RIVER RD. AREA	Requested By:	JOEY GARZA
Requested For:	J. SALAZAR	Date Submitted:	12/23/2015
Vendor:	TEDSI INFRASTRUCTURE GROUP	Date Required By:	12/23/2015
Shipping Method:	N/A	Date Approval Needed By:	12/23/2015

Category Code	Item Code	Item Description
		ENGINEERING SERVICES

Special Instructions	GL Code	Distribution Code
WA. NO.20 2012 BOND REF.	43340	365

Purchase Unit	Quantity	Unit Price	Item Total	PO Number
EA	1.000000	68794.30	68794.30	628445 ✓

User ID	Date	Status	Notes
JOEY GARZA 	12/23/2015 8:51:46 AM	Final Approval	APPROVED BY BOD ON 12/15/15 <i>Acc.T.# 15-133-433-365-010-007-43340 ENC. SESSION - 7820</i>

Requisition Total: \$68,794.30
12/23/15 8:56 AM



Hidalgo County Drainage District No. 1

902 North Doolittle Road, Edinburg, TX 78542 Office: 956-292-7080

Invoice Processing Routing Slip

Invoice/ Backup

Date Received: 8/24/2016

Engineer/Firm Name: TEDSI Infrastructure Group

Project Name/Number: LRGVRWMP/Delta Watershed Legal Water Rights Project

Invoice No.: Invoice No. 20162820

Invoice Date: 8/22/2016

Due Date: 9/23/2016

Purchase Order No.: 623665

Amount: \$180.00

Total # of Pages Submitted: 4

Attachments: CD USB Plans Other: _____

Engineering:

Construction:

Received By: Maria Perez

Forwarded to:

Nora D. Cavazos _____ Date: _____

Esther Layton _____ Date: _____

Claudette Guerrero _____ Date: _____

Jose N. Saldivar _____ Date: _____

Lora Briones _____ Date: _____

Additional Comments: _____

RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1



TEDSI
TBPE F-1640

TEDSI INFRASTRUCTURE GROUP

Consulting Engineers

1201 East Expressway 83 † Mission, Texas 78572
Tel: (956) 424-7898
Fax: (956) 424-7022

AUG 24 2016

4:49 AM PM

BY:

August 22, 2016

Project No: 2013-1128-12

Invoice No: 20162820

Ms. Claudette Guerrero
Hidalgo County Drainage District No. 1
902 North Doolittle Road
Edinburg, TX 78542

Project 2013-1128-12 Lower Rio Grande Valley Regional Water Management Program - Legal

Precinct No. 1 - 2012 Bond Referendum
Account No. 13-133-433-360-43340-010-000
P.O. No. 623665

Professional Services from June 01, 2016 to July 31, 2016

Phase 300 Water Rights - BHDA, LLP

Consultants

Reimbursable Consultants Expense

7/31/2016	Bickerstaff Heath Delgado Acosta LLP	Invoice No. 101260	150.00	
7/31/2016	Bickerstaff Heath Delgado Acosta LLP	Invoice No. 101007	30.00	
	Total Consultants		180.00	180.00

Total this Phase \$180.00

Billing Summary

	Current	Prior	To-Date	
Total Billings	180.00	189,926.05	190,106.05	
Total Fee			206,463.14	
Remaining Fee			16,357.09	
		Total this Invoice		\$180.00

PLEASE REMIT PAYMENT TO:
TEDSI Infrastructure Group, Inc.
738 Highway 6 South, Suite 430
Houston, Texas 77079

Authorized By:
Mark W. Luper, P.E., RFLS
Executive Vice President

Date: 8.22.16



Bickerstaff Heath Delgado Acosta LLP

3711 S. Mo-Pac Expy. Building One, Suite 300 Austin, Texas 78746 (512) 472-8021 Fax (512) 320-5638 Tax ID No 74-2153894

Hidalgo County Drainage District No. 1
c/o TEDSI Infrastructure Group, Inc.
1201 E. Expressway 83
Mission, TX 78572

July 11, 2016
Client: 003978
Matter: 000001
Invoice #: 101007
Bill Atty: DM

Page: 1

RE: Drainage Improvements

For Professional Services Rendered Through June 30, 2016

SERVICES

Date	Person	Description of Services	Hours	
6/7/2016	EWR	Email K. Alexander regarding status.	0.1	
Total Professional Services			0.1	\$30.00

BILLING RECAP

	Level	Hours	Rate	Amount	
EWR	Emily Rogers	Partner	0.1	\$300.00	\$30.00
Total Services				\$30.00	
Total Current Charges				\$30.00	

TEDSI INFRASTRUCTURE GROUP
 Project No. 2013-1128-12 Phase No. 300

Lump Sum Approved Hold
 Hourly Rejected Process

Sign MWL Date 8/12/16

PAY THIS AMOUNT

\$30.00



Bickerstaff Heath Delgado Acosta LLP

3711 S. Mo-Pac Expy. Building One, Suite 300 Austin, Texas 78746 (512) 472-8021 Fax (512) 320-5638 Tax ID No 74-2153894

Hidalgo County Drainage District No. 1
c/o TEDSI Infrastructure Group, Inc.
1201 E. Expressway 83
Mission, TX 78572

August 11, 2016
Client: 003978
Matter: 000001
Invoice #: 101260
Bill Atty: DM

Page: 1

RE: Drainage Improvements

For Professional Services Rendered Through July 31, 2016

SERVICES

Date	Person	Description of Services	Hours	
7/13/2016	EWR	Emails with K. Alexander and M. Lupher regarding status.	0.1	
7/21/2016	EWR	Telephone call with K. Alexander and email to team regarding same.	0.4	
Total Professional Services			0.5	\$150.00

BILLING RECAP

	Level	Hours	Rate	Amount
EWR	Emily Rogers	Partner	0.5	\$300.00
			Total Services	\$150.00
			Total Current Charges	\$150.00

TEDSI INFRASTRUCTURE GROUP
 Project No. 2013-1128-12 Phase No. 300
 Lump Sum Approved Hold
 Hourly Rejected Process
 Sign MWL Date 8/22/16

PAY THIS AMOUNT

\$150.00