

**CITY OF EL PASO, TEXAS
AGENDA ITEM
DEPARTMENT HEAD'S SUMMARY FORM**

AGENDA DATE: July 30, 2024
PUBLIC HEARING DATE: N/A

CONTACT PERSON(S) NAME AND PHONE NUMBER: Yvette Hernandez, P.E., City Engineer, 212-0065

DISTRICT(S) AFFECTED: District 4

STRATEGIC GOAL: No.7: Enhance and Sustain El Paso's Infrastructure Network

SUBGOAL: No. 7.2 Improve competitiveness through infrastructure improvements impacting the quality of life.

SUBJECT:

Discussion and action that City Council approve a task order in the amount of \$443,865.47 to International Eagle Enterprises Inc. for the construction of Palomino Laramie Intersection Drainage Improvements.

BACKGROUND / DISCUSSION:

The intersection of Palomino Street and Laramie Circle, located in Northeast El Paso, is a new three (3) year old development that is experiencing severe flooding from adverse weather. The project consists of drainage improvements that includes but is not limited to the demolition of existing concrete and the installation of new sidewalk, curb & gutter, rolled curbs, ADA ramps, stem walls, rock walls, flap grate for reinforced concrete pipe (RCP) outlet, and concrete flumes that include steel plates/grates.

PRIOR COUNCIL ACTION:

July 10, 2023 City Council approved award to International Eagle Enterprises Inc. for the 2023-0358 Collector and above Street Resurfacing On-Call Contract.

AMOUNT AND SOURCE OF FUNDING:

Amount: \$443,865.47
Funding Source: FY23 Residential Street Resurfacing
Account: 532 – 2560 – 32120 – 522270– P23STYR4RES

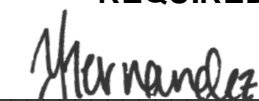
HAVE ALL AFFECTED DEPARTMENTS BEEN NOTIFIED? X YES NO

PRIMARY DEPARTMENT: Capital Improvement Department

SECONDARY DEPARTMENT: Streets and Maintenance Department

*****REQUIRED AUTHORIZATION*****

DEPARTMENT HEAD:



(If Department Head Summary Form is initiated by Purchasing, client department should sign also)

Project Name: Palomino Laramie Intersection Drainage Improvements

Date Received: 7/15/2024

Solicitation Number: 2023-0258

Contractor: INTERNATIONAL EAGLE ENTERPRISES INC.

Change Order Number: One (1)

Date CO was Identified: March 13, 2024

Funding Type: QOL General Fund TXDOT CDBG FTA FAA OTHER: FY23 Residential Street Resurfacing

\$4,210,972 budget summary report provided on pg. 21 of this change order

Contingency: Original Budget: \$0.00 Current Remainin Budget: \$0.00 PO No.(s): TBD

(See attached Peoplesoft report, funding available)

Identified by: DOR Contractor User Dept. CID Other: City Leadership

Impacts: Cost Time*

(Check all that Apply)* Identify Schedule activity impacted, attach frag-net justifying time.

No change order shall be approved unless work is ordered in writing by the Owner Designated Rep

If written Order provided prior to formal execution of CO attach copy of the written directive, and justification, as why the direction was necessary prior to a formal agreement. Attach concurrence of representative havin authority to execute change order(s) for the city of El Paso, Contract Specific by Resolution. If formal RFP was provided to contractor attach copy. If E-mail was direction provided to contractor attach copy.

Change order Type Check One:

Mandatory Discretionary

(Mandatory Violets Written code/standard, or will not function for intended purpose) If mandatory attach attach justification, Direction from DOR and /or code/ standards references that the CO corrects, or Documentation from User Department Head explaining why the change is required.

Differing site condition:

User requested change**:

Designer Directive (ASI):

Value Engineering Change:

Engineering Change/Construction Deficiency:

Substitution Contractor Initiated:

Error and Omission:

Quantity Adjustment:

** Identify Funding source FY23 Residential Street Resurfacing Grandt Fundend Projects attach concurrence of Grant Funded program Director.
Justification:

A new three (3) year old residential development, located at the intersection of Palomino Street and Larmie Circle in Northeast El Paso, is exeperiencing severe flooding from adverse weather. The drainage plan design for the new development did not provide sufficient coverage to handle the amount of run-off water caused by adverse weather. In order to prevent severe flooding from occurring for this intersection, change is required to construct Palomino Laramine Intersection Drainage Improvements Project, as per Final Plans dated 05/24/2023.

*Price & Time:
The PM prepared a ROM estimate based on RS Means and existing bid tabs. ROM estimate totaled to \$488,464.38 with ninety (90) calendar days construction duration. The contractor submitted a proposal for \$443,865.47 with ninety (90) calendar days. The PM determined the proposal was reasonable based upon comparison of the contractor's proposal.

Method Utilized for implementing change

(Reference general conditions 2.5.2) Check all that apply

.1 Unit Bid Prices Previously Approved

.2 An Agreed upon Lump Sum

.3 Actual Cost (Force Account Change)

(Attach Copy of suporting documents)

Attach record of Negotiations, and cost Analysis)

(Attach Detailed record as per 2.2.5.2.3)

Cost/Price/Time Analysis

Attach Copy of analyst justifying cost and quantities

Contractors proposed cost:

Final Negotiated amount:

Time:Requested_90_days, justified_X

Independent Cost Estimate prepared Yes No Validated, Vender Quotes, Published Data, Previously agreed Cost, Other (attach documentation of cost analysis).
Contract Change Reference: Reference Plan /Spec change, Describe Change (Attach additional sheets if necessary)

Narrative Description of Change SOW

This Change Order is for the following:

1. Utilize existing bid items, listed below, from Collector and above Street resurfacing On-Call Contract Solicitation No. 2023-0258 for the construction of Palomino Laramine Intersection Drainage Improvements Project, as per Final Plans dated 05/24/2023.
- Line item 23 - Description: Stem Wall, Quantity: 53.5 , Unit: Cubic Feet (CF), Unit Price: \$32.00, for a total of \$1,712.00

Line item 26 - Description: Curb and Gutter , Quantity: 288 , Unit: Linear Feet (LF), Unit Price: \$20.00, for a total of \$5,760.00

Line item 27 - Description: 6" Rolled Curb , Quantity: 15 , Unit: Linear Feet (LF), Unit Price: \$22.00, for a total of \$330.00

Line item 30 - Description: 4" Sidewalk , Quantity: 506 , Unit: Square Feet (SF), Unit Price: \$4.00, for a total of \$2,024.00
2. Incorporate new base bid items, listed below, within the unit price schedule of Collector and above Street resurfacing On-Call Contract Solicitation No. 2023-0258 for the construction of Palomino Laramine Intersection Drainage Improvements Project, as per Final Plans dated 05/24/2023.
- Add Line item 57 - Description: Mobilization, Quantity: 1 , Unit: Each, Unit Price: \$19,800.00, for a total of \$19,800.00

Add Line item 58 - Description: Barricade Signs and Traffic Control , Quantity: 3 , Unit: Month, Unit Price: \$6,000.00, for a total of \$18,000.00

Add Line item 59 - Description: Remove Sidewalk , Quantity: 743 , Unit: Square Feet (SF), Unit Price: \$2.25, for a total of \$1,671.75

Add Line item 60 - Description: Remove Parkway , Quantity: 723 , Unit: Square Feet (SF), Unit Price: \$2.25, for a total of \$1,626.75

Add Line item 61 - Description: Remove Rockwall , Quantity: 12 , Unit: Linear Feet (LF), Unit Price: \$20.00, for a total of \$240.00

Add Line item 62 - Description: Remove Concrete Bench , Quantity: 103 , Unit: Square Feet (SF), Unit Price: \$10.00, for a total of \$1,030.00

Add Line item 63 - Description: Remove Curb and Gutter, Quantity: 298 , Unit: Linear Feet (LF), Unit Price: \$10.00, for a total of \$2,980.00

Add Line item 64 - Description: Remove HMAC, Quantity: 1260 , Unit: Square Feet (SF), Unit Price: \$0.16, for a total of \$201.60

Add Line item 65 - Description: Remove Driveway, Quantity: 93.89 , Unit: Square Feet (SF), Unit Price: \$2.25, for a total of \$211.25

Add Line item 66 - Description: Remove Handicap Ramp, Quantity: 2 , Unit: Each (EA), Unit Price: \$800.00, for a total of \$1,600.00

Add Line item 67 - Description: Curb Ramp, Quantity: 2 , Unit: Each (EA), Unit Price: \$1,500.00, for a total of \$3,000.00

Add Line item 68 - Description: Excavation, Quantity: 162.89 , Unit: Cubic Yards (CY), Unit Price: \$35.00, for a total of \$5,701.15

Add Line item 69 - Description: Rockwall, Quantity: 12 , Unit: Linear Feet (LF), Unit Price: \$262.00, for a total of \$3,144.00

Add Line item 70 - Description: Flap Gate for RCP Outlet, Quantity: 1 , Unit: Each (EA), Unit Price: \$11,000.00, for a total of \$11,000.00

Add Line item 71 - Description: Box Culvert, Quantity: 15 , Unit: Linear Feet (LF), Unit Price: \$1,663.74, for a total of \$24,956.14

Add Line item 72 - Description: Concrete Flume, Quantity: 181 , Unit: Square Feet (SF), Unit Price: \$143.43, for a total of \$25,960.83

Add Line item 73 - Description: Concrete Flume With Steel Plate, Quantity: 54 , Unit: Square Feet (SF), Unit Price: \$1,396.00, for a total of \$75,384.00

Add Line item 74 - Description: Concrete Flume With Grate, Quantity: 172 , Unit: Linear Feet (LF), Unit Price: \$1,381.00, for a total of \$237,532.00

Total Change Order Cost: \$443,865.47

Construction duration will be 90 consecutive calendar days from August 19, 2024 , as per Task Order No. PALOMINO

Unless specifically noted, this Change Order addresses all compensation for time and money, including an all direct and indirect cost associated with the above scope of work.

Existing Drawing Reference:

Existing Specification Reference:
On-Call Contract Solicitation No. 2023-0258 ; Title 19 - Subdivion Ordinance Design Standards for Construction dated June 03, 2008

New Drawings/Specifications Reference:
Palomino Laramie Intersection Drainage Improvements Final Plans dated 05/24/2023

Recommended for Approval by City Engineer:

Gilbert Guerrero

Gilbert Guerrero

Assistant Director of Capital Improvement

Date: 7/16/24

Reviewed by Capital Projects Manager

Alondra Gurrola

Alondra K. Gurrola

Capital Projects Manager

Date: 7/16/2024

Print name

Nicholas Gonzalez

Date

7/16/2024

Nick, check the time being issued on the Change order it shows 60 days but the scope above shows 90 days. Are we doing 60 for substantial and 30 for punchlist?

Contract Change Order Documentation Summary and Determination of Cost Reasonableness:

Contract Name: Palomino Laramie Intersection Drainage Improvements

Solicitation /Project Number: 2023-0258; P23STYR4RES

Change Order Number: One (1)

Prepared By: Nicholas Gonzalez

RFP: RFP was not provided by CID. Cost Proposal negotiations were inherited by Streets and Maintenance Department.

In response to an (Select one and entry number and date) **RFP number** **or Field Directive number** dated (Attach Copy).

Initial Cost Estimate:

Check all that apply:

 No initial estimate of the change order costs was attempted. (Attach Justification countersigned by assigned DM)

 X A ROM Estimate in the amount of \$488,464.38 was prepared on Date 06/28/2024 attach copy.

 A Detailed Estimate in the amount of \$ was prepared on Date attach copy.

Contractors Proposal:

The contractor provided a proposal Dated May 30, 2024 (attach copy) in the amount of \$429, 488.34 requesting 90 Calendar/Working days.

The proposal was reviewed as to the required Scope of work and found to accurately reflect the Scope of Work **Yes** **No** X .

The contractor provided a revised proposal Dated July 15, 2024 (attach copy) in the amount of \$443, 865.47 requesting 90 Calendar/Working days.

The proposal was reviewed as to the required Scope of work and found to accurately reflect the Scope of Work **Yes** X **No** .

Attachment 1, 20 S-2 Documenting Change Order Cost Reasonableness, Sample Summary, Page 2

Cost evaluation: Cost reasonableness was determined using the following methods check all that apply.

☐ Utilizing existing Bid Item

☒ Price Analysis

☒ Cost Analysis

(Provide narrative description for each method utilized and how reasonableness was determined)

Attach mark up a proposal with negotiation objectives, including accepted cost, Dated and initialed by the Preparer and Assigned Division Manager. Label Marked UP Proposal:

Narrative description of determination of reasonableness: (Attach Continuation sheets as necessary, include detailed table showing Proposed/Objective /and Negotiated when appropriate. (Sample included)

Narrative:

1. On June 20, 2024, a meeting was held between Capital Improvement Department (CID) and Streets and Maintenance Department (SAM) to discuss the transfer of the project to CID and project details. Initial Cost Proposal for a total of \$429,488.34 from International Eagle Enterprises Inc. was provided to CID by SAM.
2. CID PM reviewed the initial cost proposal and provided comments to International Eagle Enterprises Inc. on June 25, 2024. CID PM identified discrepancies on the quantities, based on the quantities noted and measured on the final plans.
3. Contractor provided revised cost proposal on July 15, 2024 for a total of \$443,865.47 requesting 90 calendar days.
4. CID PM evaluated Contractor's cost proposal by using a ROM estimate for a total of \$488,464.38 with a three (3) month construction duration.
5. The PM determined the proposal was reasonable based upon comparison of the contractor's proposal.

CITY OF EL PASO CONSTRUCTION CHANGE ORDER

CONSTRUCTION CHANGE ORDER NO.: 1 DATE: July 16, 2024

PROJECT: Palomino Laramie Intersection Drainage Improvements SOLICITATION NO. 2023-0258

SCOPE CHANGE
CONSTRUCTION CHANGE

Original Contract Amount:	\$ -	Contract Time to Substantial Completion	90
Net Change by previous Change Orders:		Total days added due to Change Orders and CQN's	0
Net Change by previous Construction Quantity Notices:	\$ -	Total days added for this Change Order	0
Amount of this Construction Change Order:	\$ 443,865.47	New Contract Time to Substantial Completion:	90
New Amended Contract Amount:	\$ 443,865.47	Current Substantial Completion Due Date	11/17/2024
Change Order Percentage:			

CONTRACTOR NAME: International Eagle Enterprises, Inc. FY23 Residential Street Resurfacing

Please provide a detailed scope of work of the change order (see back for reason/justification):

This change is for the following:

1. Utilize existing bid items, listed below, from Collector and above Street resurfacing On-Call Contract Solicitation No. 2023-0258 for the construction of Palomino Laramie Intersection Drainage Improvements Project, as per Final Plans dated 05/24/2023.

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Unless specifically noted, this Change Order addresses all compensation for time and money, including an all direct and indirect cost associated with the above scope of work.

CONSECUTIVE CALENDAR DAYS ADDED TO COMPLETION TIME: TOTAL CHANGE ORDER AMOUNT: \$ 443,865.47

CONTRACTOR:

I, Marcos Molina , of International Eagle Enterprises Inc. agree and accept the terms and conditions of this change order.

Signature: Date: 7/18/2024

CITY OF EL PASO (OWNER)

I, Yvette Hernandez, P.E. of the City of El Paso hereby authorize and direct the Contractor to proceed with additional work as described in this form.

Signature: Yvette Hernandez, P.E. Date: 7/18/24

CITY OF EL PASO CONSTRUCTION CHANGE ORDER- Pg. 2

CONSTRUCTION CHANGE ORDER NO.:		1	DATE:		July 16, 2024		SCOPE CHANGE
PROJECT:		Palomino Laramie Intersection Drainage Improvements		SOLICITATION #	2023-0258	X	CONSTRUCTION CHANGE
Purchase Order No.		TBD					

AS A RESULT OF THIS CHANGE ORDER, PLEASE MAKE THE FOLLOWING ADJUSTMENT TO THE PURCHASE ORDER:

Additional funding/direction:

Reason/Justification for change order:

A new three (3) year old residential development, located at the intersection of Palomino Street and Larmie Circle in Northeast El Paso, is experiencing severe flooding from adverse weather. The drainage plan design for the new development did not provide sufficient coverage to handle the amount of run-off water caused by adverse weather. In order to prevent severe flooding from occurring for this intersection, change is required to construct Palomino Laramie Intersection Drainage Improvements Project, as per Final Plans dated 05/24/2023.

*Price & Time: The PM prepared a ROM estimate based on RS Means and existing bid tabs. ROM estimate totaled to \$488,464.38 with ninety (90) calendar days construction duration. The contractor submitted a proposal for \$443,865.47 with ninety (90) calendar days. The PM determined the proposal was reasonable based upon comparison of the contractor's proposal.

Project Manager recommends approval: Nicholas Gonzalez 07/16/2024

Capital Projects Manager recommends approval: *Alondra Gurrola* 7/16/2024



Initial Cost Proposal dated 05/30/2024

May 30, 2024

OWNER:
Capital Improvements
City Of El Paso
218 N. Campbell St.
915-212-0065

SOLICITATION No.: 2023-0258

PROJECT: Collector and Above Street Resurfacing 2023

COUNTY: El Paso

ATTN: Mr. Antonio Bustillos

RE: Proposal for Palomino Laramine Intersection Drainage Improvements

Dear Mr. Bustillos

See proposal below for the entire work items found in the plans and specifications provided on 3/13/2024. This work will require 3 months of additional time from the Starting day of this project and we are ready to proceed with this work per your directive as soon as June 3 2024 Pending Permits. Please note any unforeseen work is not included in this proposal.

Should you require additional information, please do not hesitate to contact us.

Sincerely

Marcos Molina

International Eagle Enterprises, Inc. - PO Box 26336, El Paso, TX 79926 (915) 727-9766 FAX 915-633-8588



Initial Cost Proposal dated 05/30/2024

Proposal Break Down

DESCRIPTION	UOM	QTY	PRICE	TOTAL
MOBILIZATION	EA	1	\$ 19,800.00	\$ 19,800.00
BARRICADE, SIGNS AND TRAFFIC CONTROL	MO	3	\$ 6,000.00	\$ 18,000.00
REMOVE SIDEWALK	SF	605	\$ 2.25	\$ 1,361.25
REMOVE PARKWAY	SF	723	\$ 2.25	\$ 1,626.75
REMOVE ROCKWALL	LF	12	\$ 20.00	\$ 240.00
REMOVE CONC BENCH	SF	103	\$ 10.00	\$ 1,030.00
REMOVE CURB AND GUTTER	LF	298	\$ 10.00	\$ 2,980.00
REMOVE HMAC	SF	954	\$ 0.16	\$ 152.64
REMOVE DRIVEWAY	SF	158	\$ 2.25	\$ 355.50
REMOVE HANDICAP RAMP	EA	2	\$ 800.00	\$ 1,600.00
SIDEWALK	SF	506	\$ 4.00	\$ 2,024.00
CURB AND GUTTER	LF	288	\$ 20.00	\$ 5,760.00
6 IN ROLLED CURB	LF	15	\$ 22.00	\$ 330.00
CURB RAMP	EA	2	\$ 1,500.00	\$ 3,000.00
12 IN STEM WALL	CF	71.69	\$ 32.00	\$ 2,294.08
EXCAVATION	CY	162.89	\$ 35.00	\$ 5,701.15
ROCKWALL	LF	12	\$ 262.00	\$ 3,144.00
FLAP GATE FOR RCP OUTLET	EA	1	\$ 11,000.00	\$ 11,000.00
BOX CULVERT	LF	15	\$ 1,663.74	\$ 24,956.14
CONC FLUME	SF	181	\$ 143.43	\$ 25,960.83
CONC FLUME W STEEL PLATE	SF	54	\$ 1,330.00	\$ 71,820.00
CONC FLUME W GRATE	LF	172	\$ 1,316.00	\$ 226,352.00
				\$ 429,488.34



Agreed Cost Proposal dated 07/15/2024

July 15, 2024

OWNER:
Capital Improvements
City Of El Paso
218 N. Campbell St.
915-212-0065

SOLICITATION No.: 2023-0258

PROJECT: Collector and Above Street Resurfacing 2023

COUNTY: El Paso

ATTN: Mr. Antonio Bustillos

RE: Proposal for Palomino Laramine Intersection Drainage Improvements

Dear Mr. Bustillos

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Should you require additional information, please do not hesitate to contact us.

Sincerely

Marcos Molina

International Eagle Enterprises, Inc. - PO Box 26336, El Paso, TX 79926 (915) 727-9766 FAX 915-633-8588



Proposal Break Down

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REMOVE SIDEWALK	SF	743	\$ 2.25	\$ 1,671.75
REMOVE PARKWAY	SF	723	\$ 2.25	\$ 1,626.75
REMOVE ROCKWALL	LF	12	\$ 20.00	\$ 240.00
REMOVE CONC BENCH	SF	103	\$ 10.00	\$ 1,030.00
REMOVE CURB AND GUTTER	LF	298	\$ 10.00	\$ 2,980.00
REMOVE HMAC	SF	1260	\$ 0.16	\$ 201.60
REMOVE DRIVEWAY	SF	93.89	\$ 2.25	\$ 211.25
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BOX CULVERT	LF	15	\$ 1,663.74	\$ 24,956.14
CONC FLUME	SF	181	\$ 143.43	\$ 25,960.83
CONC FLUME W STEEL PLATE	SF	54	\$ 1,396.00	\$ 75,384.00
CONC FLUME W GRATE	LF	172	\$ 1,381.00	\$ 237,532.00
				\$ 443,865.47

Gonzalez, Nicholas

From: Gonzalez, Nicholas
Sent: Wednesday, July 17, 2024 9:45 AM
To: Marcos Molina
Cc: Gurrola, Alondra K.; Hernandez, Yvette M.; Garcia, Daniel; Corral; Bustillos, Antonio
Subject: RE: Palomino Laramine Intersection Drainage Improvements - Cost Proposal
Attachments: Palomino - Task Order (CO) #1_\$443,865.47 (Contractor Signature Req.).pdf

Good Morning Marcos,

Thank you for confirming that it will be 90 consecutive calendar days for substantial completion, and 30 consecutive calendar days for final completion.

Please find attached the change order for Palomino Laramie Intersection Drainage Improvements. May you please review, receive owner's or owner's representative signature, and return by no later than 10:00AM today, July 17, 2024. Please let me know if you have any questions.

Thank you,



Nicholas Gonzalez

Capital Improvement Project Manager
Capital Improvement Department
218 N. Campbell St., Second Floor| El Paso, TX 79901
gonzalezNX@elpasotexas.gov | 915-216-4287

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From: Marcos Molina <marcos@eagle.construction>
Sent: Wednesday, July 17, 2024 9:16 AM
To: Gonzalez, Nicholas <GonzalezNX@elpasotexas.gov>
Cc: Gurrola, Alondra K. <GurrolaAK@elpasotexas.gov>; Hernandez, Yvette M. <HernandezYM@elpasotexas.gov>; Garcia, Daniel <GarciaDX2@elpasotexas.gov>; Corral <corral@eagle.construction>; Bustillos, Antonio <BustillosAX@elpasotexas.gov>
Subject: Re: Palomino Laramine Intersection Drainage Improvements - Cost Proposal

CAUTION: This email originated from outside of the City of El Paso. Do not click links or open attachments unless you recognize the sender and know the content is safe. If suspicious, use **Phish Alert** or forward to SpamReport@elpasotexas.gov.

Per our proposal we are requesting 3 months of substantial completion and 30 days to final Nicholas.

Marcos Molina
General Manager
International Eagle Enterprises
915-345-6790
Marcos@eagle.construction

On Jul 17, 2024, at 9:00 AM, Gonzalez, Nicholas <GonzalezNX@elpasotexas.gov> wrote:

RECORD OF NEGOTIATION

DATE: 7/15/2024 PROJECT MANAGER: Nicholas Gonzalez
PROJECT: Palomino Laramie Intersection Drainage Improvements

SCOPE OF WORK:

This change order is to use the SAM on-call contract - Solicitation No. 2023-0258 for the construction of Palomino Laramie Intersection Drainage Improvements, as per final plans dated 05/24/2023.

NEGOTIATION OBJECTIVE: Construction budget allocated \$500,000.00 Objective is to value engineer items to reach goal.

Contractor's 1st offer	\$429,488.34	Date Submitted	6/25/2024
PM identified discrepancies on quantities, based on quantities noted/measured on final plans		Date	6/25/2024
Contractor's 2ndoffer	\$ 443,865.47	Date Submitted	7/15/2024

Agreed amount by both parties	\$443,865.47	Agreement Date:	7/15/2024
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Project Manager Signature: Nicholas Gonzalez

Task Order



Streets and Maintenance

MAYOR
Oscar Leaser

July 16, 2024

CITY COUNCIL

District 1
Brian Kennedy

District 2
Dr. Josh Acevedo

District 3
Cassandra Hernandez

District 4
Joe Molinar

District 5
Isabel Salcido

District 6
Art Fierro

District 7
Henry Rivera

District 8
Chris Canales

**INTERIM CITY
MANAGER**
Cary Westin

Alfredo Corral, President
International Eagle Enterprises Inc.
1458 Lomaland Dr.
El Paso, TX 79935

Collectors and Above Street Resurfacing Solicitation No. 2023-0258

Project Site: Intersection of Palomino Street and Laramie Circle, El Paso, Texas 79924
Task Order: No. PALOMINO - Concrete and Drainage Improvements
Funding Source: FY23 Residential Street Resurfacing

Please consider this as your official notice to start with the performance of work on the subject project site as referenced. The Contractor is reminded that they are to proceed in accordance with the requirements of the Contract and project documents, including, but not limited to obtaining Traffic Control Plan(s) and utility line spotting prior to beginning actual field activities at the site(s).

The inspector for this project is Steven Flores, and may be contacted at (915) 255-7056. Coordinate construction activities and schedule inspections with him at least 48 hours in advance.

The Task Order will be for consecutive ninety (90) calendar days starting on August 19, 2024.

Antonio Bustillos

For

Tony Bustillos
Construction Superintendent

Receipt Acknowledge:

By: Marcos Molina

A handwritten signature in blue ink, appearing to read "Marcos Molina", written over a horizontal line.

Title General Manager

Date 7-16-2024

Inspector Final Acceptance

By:

Date

Contractor Final Acceptance:

By:

Date:

Richard Bristol – Director

Streets and Maintenance | MSC, 7968 San Paulo | El Paso, TX 79907
O: (915) 212-7015 | Email: BristolRX@elpasotexas.gov



DELIVERING EXCEPTIONAL SERVICES

ROM Estimate Established by CID PM

PALOMINO LARAMIE INTERSECTION DRAINAGE IMPROVEMENTS

References: 2023-0258 On-Call (SAM) ; 2022-0403 Bid Tab ; 38th annual addition 2024 Heavy Construction Costs RS Means ; TIRZ #23-119 bid proposal ; 2022-0306 Bid Tab

ROM ESTIMATE					
Reference	Description	Quantity	Unit	Unit Price	Total
2022-0403 Bid Tab	Mobilization (5% of total)	1	LS	\$ 28,936.00	\$ 19,448.34
2022-0403 Bid Tab	Barricade, signs, and traffic control	3	MO	\$ 10,417.00	\$ 31,251.00
TIRZ #23-119 bid proposal	remove sidewalk	82.5	SY	\$ 19.18	\$ 1,582.35
TIRZ #23-119 bid proposal	remove parkway	80.3	SY	\$ 19.18	\$ 1,540.15
2022-0306 Bid proposal	remove rockwall	2	Perch	\$ 38.00	\$ 76.00
02 41 13.17 (RS means)	remove concrete bench	3.88	CY	\$ 147.00	\$ 570.36
TIRZ #23-119 bid proposal	remove curb and gutter	300	LF	\$ 6.06	\$ 1,818.00
2022-0403 Bid Tab	remove HMAC	140	SY	\$ 4.20	\$ 588.00
TIRZ #23-119 bid proposal	remove driveway	11.1	SY	\$ 29.01	\$ 322.01
TIRZ #23-119 bid proposal	remove handicap ramp	29	SY	\$ 55.68	\$ 1,614.72
2023-0258 On-Call Contract	4-INCH sidewalk	506	SF	\$ 4.00	\$ 2,024.00
2023-0258 On-Call Contract	curb and gutter	288	LF	\$ 20.00	\$ 5,760.00
2023-0258 On-Call Contract	6IN rolled curb	15	LF	\$ 22.00	\$ 330.00
TIRZ #23-119 bid proposal	curb ramp	2	EA	\$ 1,825.96	\$ 3,651.92
2023-0258 On-Call Contract	12-INCH stem wall	53.5	CF	\$ 32.00	\$ 1,712.00
TIRZ #23-119 bid proposal	excavation	163	CY	\$ 43.03	\$ 7,013.89
32 32 53.10 (RS means)	rockwall	66	SF	\$ 151.00	\$ 9,966.00
35 22 66 Flap Grates (RS Means)	flap gate for RCP outlet (48")	1	EA	\$ 11,500.00	\$ 11,500.00
2022-0403 Bid Tab	Box Culvert	15	LF	\$ 1,608.00	\$ 24,120.00
2022-0403 Bid Tab	Concrete flume	20.11	SY	\$ 139.00	\$ 2,795.29
2022-0403 Bid Tab	Concrete flume with steel plate	11	EA	\$ 6,945.00	\$ 76,395.00
05 53 13.70 (RS Means)	Concrete flume with grate	1032	SF	\$ 198.00	\$ 204,336.00
				Sub-total	\$ 408,415.04
				4% inflation	\$ 16,336.60
				15% OH&P	\$ 63,712.75
				Total	\$ 488,464.38

ROM Estimate Established by CID PM

BASE BID - UNIT PRICE SCHEDULE:

Item No.	Estimated Quantity	Unit	Brief Description of Item	Unit Bid Price (In figures) Use 2 decimals Do Not Round	Total Amount (Quantity x Unit Price) (In Figures) Use 2 decimals Do Not Round
1.	10	MO	SWPPP Measures - Installation & Maintenance	\$ <u>2,000.00</u>	\$ <u>20,000.00</u>
2.	1,262	CY	Remove and dispose of Asphalt Paving/Base Course as per plans includes haul	\$ <u>25.00</u>	\$ <u>31,550.00</u>
3.	1,550	LF	Remove & dispose of concrete Curb and Gutter, as per plans includes haul	\$ <u>3.50</u>	\$ <u>5,425.00</u>
4.	1,490	SY	Remove & dispose of 4-5 ft concrete sidewalks as per plans includes haul	\$ <u>22.50</u>	\$ <u>33,525.00</u>
5.	15	SY	Remove & dispose of concrete driveway as per plans includes haul	\$ <u>58.50</u>	\$ <u>877.50</u>
6.	6	EA	Remove, Salvage and replace exist reflect. signs as per plans includes storage as necessary	\$ <u>650.00</u>	\$ <u>3,900.00</u>
7.	398	Perch	Remove and dispose of existing rockwall as per plans includes haul	\$ <u>38.00</u>	\$ <u>15,124.00</u>
8.	1,283	CY	Over-excavation (cut and remove) subgrade as per plans includes haul	\$ <u>16.50</u>	\$ <u>21,169.50</u>
9.	1,280	CY	Placement of fill material for subgrade as per plans complete in place includes haul	\$ <u>18.50</u>	\$ <u>23,680.00</u>
10.	150	CY	Mill and Overlay 2 inches as per plans complete in place includes haul	\$ <u>235.00</u>	\$ <u>35,250.00</u>
11.	1,550	LF	Furnish & Install 6' concrete Curb and Gutter as per plans complete in place	\$ <u>16.00</u>	\$ <u>24,800.00</u>

COMPANY NAME: Allen Concrete, LLC

BIDDER'S SIGNATURE: 

PRINT NAME: Miguel Allen

Bid - Ted Houghton Street Reconstruction
Solicitation No. 2022-0306

ROM Estimate Established by CID PM

BASE BID I - UNIT PRICE SCHEDULE: CIVIL AND DRAINAGE IMPROVEMENTS

Item No.	Estimated Quantity	Unit	Brief Description of Item	Unit Bid Price (In figures) Use 2 decimals Do Not Round	Total Amount (Quantity x Unit Price) (In Figures) Use 2 decimals Do Not Round
1.	1	LS	EARTHWORK OPERATIONS AS SHOWN ON CONSTRUCTION DOCUMENTS	<u>\$130,967.00</u>	<u>\$130,967.00</u>
2.	3,805	SY	REMOVAL AND DISPOSAL OF EXISTING CONCRETE AS SHOWN ON CONSTRUCTION DOCUMENTS	<u>\$ 16.00</u>	<u>\$ 60,880.00</u>
3.	8,900	SY	REMOVAL AND DISPOSAL OF EXISTING ASPHALT PAVEMENT AS SHOWN ON CONSTRUCTION DOCUMENTS	<u>\$ 4.20</u>	<u>\$ 37,380.00</u>
4.	600	SY	REMOVAL AND DISPOSAL OF EXISTING LANDSCAPE AREAS AS SHOWN ON CONSTRUCTION DOCUMENTS	<u>\$ 12.00</u>	<u>\$ 7,200.00</u>
5.	33	SY	REMOVAL AND SALVAGE OF EXISTING ROCK MULCH AS SHOWN ON CONSTRUCTION DOCUMENTS	<u>\$ 27.40</u>	<u>\$ 904.20</u>
6.	4,285	LF	REMOVAL AND DISPOSAL OF EXISTING CURB AS SHOWN ON CONSTRUCTION DOCUMENTS	<u>\$ 5.60</u>	<u>\$ 23,996.00</u>
7.	55	LF	REMOVAL AND DISPOSAL OF EXISTING GUARDRAIL AS SHOWN ON CONSTRUCTION DOCUMENTS	<u>\$ 29.20</u>	<u>\$ 1,606.00</u>
8.	66	LF	REMOVAL AND DISPOSAL OF EXISTING 18- IN RCP AS SHOWN ON CONSTRUCTION DOCUMENTS	<u>\$ 38.90</u>	<u>\$ 2,567.40</u>
9.	66	LF	REMOVAL AND DISPOSAL OF EXISTING 48- IN RCP AS SHOWN ON CONSTRUCTION DOCUMENTS	<u>\$ 41.90</u>	<u>\$ 2,765.40</u>
10.	1	EA	REMOVAL AND DISPOSAL OF EXISTING JUNCTION BOX AS SHOWN ON CONSTRUCTION DOCUMENTS	<u>\$ 1,875.00</u>	<u>\$ 1,875.00</u>
11.	7	EA	REMOVAL AND DISPOSAL OF EXISTING INLET AS SHOWN ON CONSTRUCTION DOCUMENTS	<u>\$ 1,181.00</u>	<u>\$ 8,267.00</u>

COMPANY NAME: ZTEX Construction, Inc.

OFFEROR'S SIGNATURE: _____

PRINT NAME: Joaquin Royo

Negotiated Pricing

Proposal – Padilla Street Reconstruction
Solicitation No. 2022-0403

I-C-a-2

CI – Form – Rev. 4/1/17
Previous Versions Obsolete

ROM Estimate Established by CID PM

Item No.	Estimated Quantity	Unit	Brief Description of Item	Unit Bid Price (In figures) Use 2 decimals Do Not Round	Total Amount (Quantity x Unit Price) (In Figures) Use 2 decimals Do Not Round
44.	289	EA	FURNISH AND INSTALL SHRUBS (5-GALLON) AS SHOWN ON CONSTRUCTION DOCUMENTS	\$ <u>50.00</u>	\$ <u>14,450.00</u>
45.	1	LS	FURNISH AND INSTALL IRRIGATION SYSTEM AS SHOWN ON CONSTRUCTION DOCUMENTS	\$ <u>112,500.00</u>	\$ <u>112,500.00</u>
46.	378	SF	FURNISH AND INSTALL ROCK MULCH TO MATCH EXISTING (ZARAGOZA) (3-INCH DEPTH; WEED FABRIC) AS SHOWN ON CONSTRUCTION DOCUMENTS	\$ <u>6.30</u>	\$ <u>2,381.40</u>
47.	6	EA	ADJUSTMENT OF EXISTING STORM MANHOLE RING AND COVER AS SHOWN ON CONSTRUCTION DOCUMENTS	\$ <u>1,598.00</u>	\$ <u>9,588.00</u>
48.	68	SY	FURNISH AND INSTALL 6-INCH THICK REINFORCED CONCRETE FLUME AS SHOWN ON CONSTRUCTION DOCUMENTS	\$ <u>139.00</u>	\$ <u>9,452.00</u>
49.	1	EA	FURNISH AND INSTALL 2.5-FOOT DIAMOND PLATE COVERED FLUME STRUCTURE AS SHOWN ON CONSTRUCTION DOCUMENTS	\$ <u>5,556.00</u>	\$ <u>5,556.00</u>
50.	1	EA	FURNISH AND INSTALL 5-FOOT DIAMOND PLATE COVERED FLUME STRUCTURE AS SHOWN ON CONSTRUCTION DOCUMENTS	\$ <u>6,945.00</u>	\$ <u>6,945.00</u>
51.	75	LF	FURNISH AND INSTALL 18-INCH DIAMETER REINFORCED CONCRETE PIPE (CLASS III; DEPTH: 5' – 10') AS SHOWN ON CONSTRUCTION DOCUMENTS	\$ <u>130.00</u>	\$ <u>9,750.00</u>
52.	14	LF	FURNISH AND INSTALL 24-INCH DIAMETER REINFORCED CONCRETE PIPE (CLASS III; DEPTH: 5' – 10') AS SHOWN ON CONSTRUCTION DOCUMENTS	\$ <u>239.00</u>	\$ <u>3,346.00</u>
53.	16	LF	FURNISH AND INSTALL 72-INCH DIAMETER REINFORCED CONCRETE PIPE (CLASS III; DEPTH: 5' – 10') (INCLUDING CEMENT STABILIZATION) AS SHOWN ON CONSTRUCTION DOCUMENTS	\$ <u>703.00</u>	\$ <u>11,248.00</u>

COMPANY NAME: ZTEX Construction, Inc.

OFFEROR'S SIGNATURE: _____

PRINT NAME: Joaquin Royo

Negotiated Pricing

Proposal – Padilla Street Reconstruction
Solicitation No. 2022-0403

I-C-a-6

CI – Form – Rev. 4/1/17
Previous Versions Obsolete

ROM Estimate Established by CID PM

Item No.	Estimated Quantity	Unit	Brief Description of Item	Unit Bid Price (In figures) Use 2 decimals Do Not Round	Total Amount (Quantity x Unit Price) (In Figures) Use 2 decimals Do Not Round
64.	1	LS	PLAYA DRAIN RESHAPING/REGRADING AS SHOWN ON CONSTRUCTION DOCUMENTS	\$ <u>9,028.00</u>	\$ <u>9,028.00</u>
65.	1	LS	PRESSURE WASHING OF EXISTING STORM SYSTEM AS SHOWN ON CONSTRUCTION DOCUMENTS	\$ <u>48,445.00</u>	\$ <u>48,445.00</u>
66.	1	EA	REMOVAL AND DISPOSAL OF EXISTING IRRIGATION HEADWALL STRUCTURE AT JORNADO LATERAL (SOUTH) AS SHOWN ON CONSTRUCTION DOCUMENTS	\$ <u>4,862.00</u>	\$ <u>4,862.00</u>
67.	145	LF	REMOVAL AND DISPOSAL OF EXISTING CHAINLINK FENCE (NORTH AND SOUTH) AS SHOWN ON CONSTRUCTION DOCUMENTS	\$ <u>14.00</u>	\$ <u>2,030.00</u>
68.	35	LF	FURNISH AND INSTALL 7-FT X 5.5-FT REINFORCED CONCRETE BOX CULVERT AS SHOWN ON CONSTRUCTION DOCUMENTS	\$ <u>1,608.00</u>	\$ <u>56,280.00</u>
69.	1	EA	FURNISH AND INSTALL REINFORCED CONCRETE HEADWALL AND WINGWALL STRUCTURE AS SHOWN ON CONSTRUCTION DOCUMENTS	\$ <u>17,362.00</u>	\$ <u>17,362.00</u>
70.	1	EA	FURNISH AND INSTALL REINFORCED CONCRETE COLLAR AS SHOWN ON CONSTRUCTION DOCUMENTS	\$ <u>4,167.00</u>	\$ <u>4,167.00</u>
71.	160	LF	FURNISH AND INSTALL 6-FOOT CHAINLINK FENCE FOR HEADWALL (NORTH AND SOUTH) AS SHOWN ON CONSTRUCTION DOCUMENTS	\$ <u>63.00</u>	\$ <u>10,080.00</u>
72.	2	EA	FURNISH AND INSTALL 6-FOOT CHAINLINK GATE (8' WIDE) FOR HEADWALL AS SHOWN ON CONSTRUCTION DOCUMENTS	\$ <u>3,473.00</u>	\$ <u>6,946.00</u>
73.	1	LS	JORNADO LATERAL CHANNEL RESHAPING/REGRADING AS SHOWN ON CONSTRUCTION DOCUMENTS	\$ <u>5,556.00</u>	\$ <u>5,556.00</u>

COMPANY NAME: ZTEX Construction, Inc.

OFFEROR'S SIGNATURE: _____

Negotiated Pricing

Proposal – Padilla Street Reconstruction
Solicitation No. 2022-0403

PRINT NAME: Joaquin Royo

I-C-a-8

CI – Form – Rev. 4/1/17
Previous Versions Obsolete

ROM Estimate Established by CID PM

Item No.	Estimated Quantity	Unit	Brief Description of Item	Unit Bid Price (In figures) Use 2 decimals Do Not Round	Total Amount (Quantity x Unit Price) (In Figures) Use 2 decimals Do Not Round
74.	17	EA	REPLACE AND RE-CONNECT 4-INCH SANITARY SEWER LATERALS AS SHOWN ON CONSTRUCTION DOCUMENTS	\$ <u>209.00</u>	\$ <u>3,553.00</u>
75.	7	MO	PROVIDE TRAFFIC AND PEDESTRIAN CONTROL BARRICADES (FOR THE DURATION OF CONSTRUCTION) AS SHOWN ON CONSTRUCTION DOCUMENTS	\$ <u>10,417.00</u>	\$ <u>72,919.00</u>
76.	7	MO	IMPLEMENT STORM WATER POLLUTION PREVENTION BEST MANAGEMENT PRACTICES INCLUDING: FURNISH AND INSTALL SILT FENCE, CONSTRUCTION ENTRANCE/EXITS AND REMOVAL AND PROPER DISPOSAL OF SILT FENCE AND CONSTRUCTION ENTRANCES/EXITS AFTER COMPLETION OF WORK.	\$ <u>6,802.00</u>	\$ <u>47,614.00</u>
77.	Left Blank Intentionally				
Sum Total Base Bid I (Items 1-76)					\$ <u>1,904,859.40</u>
Mobilization (Not to exceed 5% of Base Bid)					\$ <u>75,635.00</u>
Sum Total Base Bid I plus Mobilization					\$ <u>1,980,494.40</u>

COMPANY NAME: ZTEX Construction, Inc.

OFFEROR'S SIGNATURE: _____

PRINT NAME: Joaquin Royo

Negotiated Pricing

Proposal – Padilla Street Reconstruction
Solicitation No. 2022-0403

I-C-a-9

CI – Form – Rev. 4/1/17
Previous Versions Obsolete

ROM Estimate Established by CID PM

Item No.	Estimated Quantity	Unit	Line Item Name	DO NOT LEAVE BLANK Unit Price	DO NOT ROUND Total Amount (Quantity X Unit Price)
20	200	Each (EA)	TYPE C GROUND BOX	\$ <u>700.00</u>	\$ <u>140,000.00</u>
21	20	Each (EA)	CONCRETE MOBILIZATION	\$ <u>1,000.00</u>	\$ <u>20,000.00</u>
22	100	Each (EA)	RELOCATION AND INSTALLATION OF STREET NAME / STOP SIGNS	\$ <u>1,000.00</u>	\$ <u>100,000.00</u>
23	1,600	Cubic Foot (CF)	STEM WALL	\$ <u>32.00</u>	\$ <u>51,200.00</u>
24	3,000	Linear Foot (LF)	STANDARD CURB	\$ <u>20.00</u>	\$ <u>60,000.00</u>
25	1,000	Linear Foot (LF)	TxDOT PINNED CURB	\$ <u>25.00</u>	\$ <u>25,000.00</u>
26	20,000	Linear Foot (LF)	CURB AND GUTTER	\$ <u>20.00</u>	\$ <u>400,000.00</u>
27	2,000	Linear Foot (LF)	6" ROLLED CURB	\$ <u>22.00</u>	\$ <u>44,000.00</u>
28	2,000	Linear Foot (LF)	4" ROLLED CURB	\$ <u>22.00</u>	\$ <u>44,000.00</u>
29	2,000	Linear Foot (LF)	DRIVEWAY CURB	\$ <u>22.00</u>	\$ <u>44,000.00</u>
30	60,000	Square Foot (SF)	4" SIDEWALK	\$ <u>4.00</u>	\$ <u>240,000.00</u>
31	20,000	Square Foot (SF)	6" SIDEWALK	\$ <u>4.50</u>	\$ <u>90,000.00</u>
32	1,000	Square Foot (SF)	CONCRETE RIP RAP	\$ <u>10.00</u>	\$ <u>10,000.00</u>
33	1,000	Square Foot (SF)	ROCK RIP RAP	\$ <u>5.00</u>	\$ <u>5,000.00</u>
34	2,000	Square Foot (SF)	CONCRETE TINT	\$ <u>8.00</u>	\$ <u>16,000.00</u>
35	2,000	Square Foot (SF)	STAMPED COLORED CONCRETE	\$ <u>7.00</u>	\$ <u>14,000.00</u>
36	4,000	Square Foot (SF)	RESIDENTIAL DRIVEWAY	\$ <u>8.30</u>	\$ <u>33,200.00</u>
37	20,000	Square Foot (SF)	COMMERCIAL DRIVEWAY	\$ <u>8.50</u>	\$ <u>166,000.00</u>
38	20,000	Square Foot (SF)	ADA CURB CUT	\$ <u>6.00</u>	\$ <u>120,000.00</u>
39	400	Each (EA)	PREFORMED TACTILE WARNING TILE	\$ <u>200.00</u>	\$ <u>80,000.00</u>
40	20	Each (EA)	BUS PAD	\$ <u>13,000.00</u>	\$ <u>260,000.00</u>
41	3,000	Cubic Yard (CY)	FLOWABLE FILL	\$ <u>120.00</u>	\$ <u>360,000.00</u>
42	3,000	Square Foot (SF)	DRAINAGE FLUME	\$ <u>15.00</u>	\$ <u>45,000.00</u>
43	3,000	Square Foot (SF)	DRAINAGE FLUME WITH STEEL PLATE	\$ <u>40.00</u>	\$ <u>120,000.00</u>
44	3,000	Linear Foot (LF)	TRIPPING HAZARD REMOVAL	\$ <u>4.00</u>	\$ <u>12,000.00</u>

COMPANY NAME: INTERNATIONAL EAGLE ENTERPRISES, INC.

OFFEROR'S SIGNATURE: 

PRINT NAME: RUBY CORRAL

ROM Estimate Established by CID PM

01/15/2024
2023-49R
*** RudyR

13:12
City of El Paso West Main 1/2/2024

BID TOTALS

<u>Biditem</u>	<u>Description</u>	<u>Status - Rnd</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Bid Total</u>
10	MOBILIZATION		1.000	LS	36,207.92	36,207.92
15	MATERIAL TESTING		1.000	LS	20,939.50	20,939.50
20	TRAFFIC CONTROL		4.000	MT	6,021.24	24,084.96
30	TRAFFIC CONTROL PEDESTRIANS		4.000	MT	345.13	1,380.52
35	INSTALL TEMPORARY FENCING		500.000	LF	17.45	8,725.00
40	DEMOLITION CURB & GUTTER		301.000	LF	6.06	1,824.06
50	DEMOLITION DRIVEWAYS		35.000	SY	29.01	1,015.35
60	REMOVE CONC PAVEMENT		96.000	SY	41.76	4,008.96
70	DEMO SIDEWALK FOR RECYCLED PAVERS		70.000	SY	53.75	3,762.50
80	DEMO SIDE WALK AND DISPOSE		480.000	SY	19.18	9,206.40
100	DEMOLITION HMAC		547.000	SY	7.29	3,987.63
120	SIGNS REMOVAL		3.000	EA	274.72	824.16
140	REMOVE IRRIGATION WATER VALVE		7.000	EA	239.59	1,677.13
150	ADA RAMPS REMOVAL		9.000	SY	55.68	501.12
160	CONC. STAIRS REMOVAL		4.000	SY	106.95	427.80
170	FLUME REMOVAL SAW CUT AND SALVAGE FOR REUSED		36.000	LF	96.66	3,479.76
180	METAL PLATE FOR SIDEWALK FLUME SALVAGE		2.000	EA	384.60	769.20
190	HAND RAIL REMOVE AND MODIFY		20.000	LF	136.13	2,722.60
200	TREE GRATES & LIGHTS SALVAGE		6.000	EA	537.23	3,223.38
290	EXCAVATION		416.000	CY	43.03	17,900.48
300	SUBGRADE PREP		822.000	SY	7.82	6,428.04
310	6" FLEX BASE		822.000	SY	31.41	25,819.02
320	8 IN REINF. CONC. PAV.		1,079.000	SY	150.56	162,454.24
330	6 IN CONC. DRIVEWAYS		35.000	SY	277.20	9,702.00
340	4 IN CONC. SIDEWALKS (REINF.)		198.000	SY	92.67	18,348.66
350	12 IN DEPTH HEADER CURB		176.000	LF	41.72	7,342.72
360	16 IN DEPTH HEADER CURB		211.000	LF	39.22	8,275.42
380	CURB & GUTTER		209.000	LF	45.21	9,448.89
390	RECYCLED CONCRETE PAVERS		553.000	SF	23.77	13,144.81
400	INSTALL 24-INCH WIDE FLUME AT SIDEWALKS		34.000	LF	355.73	12,094.82
403	INSTALL 12-INCH WIDE FLUME ALONG STREET		110.000	LF	521.49	57,363.90
405	INSTALL 18-INCH WIDE FLUME ALONG STREET		222.000	LF	636.58	141,320.76
420	CONC. STAIRS		39.000	SF	60.81	2,371.59
430	CONC. PAD AT LAMP BASE		12.000	SF	94.02	1,128.24
440	CONC. WALL AT RAIN GARDEN		204.000	LF	114.56	23,370.24
480	ADA RAMPS		9.000	EA	1,825.96	16,433.64
490	HAND RAIL MODIFY		20.000	LF	233.29	4,665.80
500	CIP CONC. BENCH		3.000	EA	3,020.74	9,062.22
520	ADJUST MH		1.000	EA	1,683.50	1,683.50

PeopleSoft GL
BUDGET STATUS REPORT

Page No. 1
Run Date 07/15/2024
Run Time 16:18:39

Report ID: GLS8020
Bus. Unit: CEP01--City of El Paso
Ledger Grp: DETAIL_CC -- EXPENSE DETAIL LEDGER
Currency : USD
Chartfields Criteria
Department: 532
Account: 522270

Fund: 2560
Program: All values

Division: 32120

Project: P23STYR4RES

Budget Period: All values

<u>Department</u> <u>Account</u>	<u>Fund</u> <u>Program</u>	<u>Division</u>	<u>Project</u> <u>Acct Descr</u>	<u>Budget Period</u>	<u>Budget</u>	<u>Assoc Revenue</u>	<u>PreEncumbrance</u>	<u>Encumbrance</u>	<u>Expense</u>	<u>Remaining</u>
532 522270	2560	32120	P23STYR4RES PUBLIC ACCESES MAINT CONTR	ALLYEARS	6,210,972.29	0.00	0.00	0.00	2,000,000.00	4,210,972.29
Grand Total :					6,210,972.29	0.00	0.00	0.00	2,000,000.00	4,210,972.29

End of Report



CAPITAL IMPROVEMENT DEPARTMENT

MAYOR
Oscar Leeser

PROJECT: Palomino Laramie Intersection Drainage Improvements

SUBJECT: Project Discussion

DATE: June 20, 2024

TIME: 1:30PM – 2:00PM

LOCATION: Microsoft Teams

CITY COUNCIL

District 1
Brian Kennedy

District 2
Dr. Josh Acevedo

District 3
Cassandra Hernandez

District 4
Joe Molinar

District 5
Isabel Salcido

District 6
Art Fierro

District 7
Henry Rivera

District 8
Chris Canales

**INTERIM CITY
MANAGER**
Cary Westin

ATTENDANCE:

1. Antonio Bustillos, Streets and Maintenance
2. Leonel Salayandia, Streets and Maintenance
3. Daniel Acuna, Streets and Maintenance
4. Alondra Murillo, Streets and Maintenance
5. Daniel Garcia, CID
6. Alondra Gurrola, CID
7. Nicholas Gonzalez, Project Manager, CID

MEETING MINUTES:

- This project is a legal resolution for drainage issues encountered on a new City of El Paso residential development that is 3-year old.
 - CEA group is the consultant and construction costs associated to the resolution are to be covered through CEA's insurance.
- SAM funds will be utilized for the construction of this project.
 - SAM to provide funding string (funding source) to CID.
 - CID will lead and manage this project through construction. Project will have a 3-month construction duration.
 - SAM will be reimbursed for this work.
 - CID will have to coordinate with City of El Paso legal to identify if there is certain reimbursement criteria's that must be followed, as City of El Paso Legal is currently working on the reimbursement agreement.
 - City of El Paso Legal point of contact is Russell T. Abeln.
 - City of El Paso Legal has no issues with moving this project forward using SAM funds.

Yvette Hernandez, P.E., – City Engineer
City 2 | 218 N. Campbell, 2nd Floor | El Paso, Texas 79901 | (915) 212-0065



CAPITAL IMPROVEMENT DEPARTMENT

MAYOR

Oscar Leoser

CITY COUNCIL

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District 7

Henry Rivera

District 8

Chris Canales

INTERIM CITY MANAGER

Cary Westin

- International Eagle will be procured for the construction of this project through the SAM On-Call resurfacing contract.
 - Quantities are being tracked through SAM.
 - SAM to provide a copy of the on-call contract to CID.
 - Change Order (Task Order) will need to be established by CID.
 - Cost Proposal has not been agreed upon. SAM has briefly reviewed, but has not been able to conduct a thorough review.
 - CID to review cost proposal and negotiate with International Eagle.
- The following items are not included within the SAM On-call resurfacing contract:
 1. TCP
 2. Mobilization
 3. Excavation
 4. Rock wall
 5. box culverts
 6. flumes
 7. flap gate for RCP outlet.
- SAM believes that the Task Order will need to go to City Council.
 - CID to coordinate and confirm if the Task Order will have to go to council.
- Point of Contact from International Eagle is Marcos Molina.
 - SAM to provide Mr. Molina's email to CID.
 - Point of contact information is included on proposal, already provided to CID PM.
- Due to CEA Group's insurance covering the construction expenses for this project, CID will have to coordinate with City of El Paso Legal to identify if the following services will be covered by CEA's Insurance:
 1. CA services
 2. Material Testing
 3. Technical Specifications

Note: Specifications have not been established for this project, only final drawings.
- SAM is requesting recorded documentation to be provided at the end of project for archives.
 - SAM personnel, Daniel Acuna and Leonel Salayandia, to be included on all project correspondence.
- SAM confirmed that the funding does not have a deadline for funds to be expensed.

Yvette Hernandez, P.E., – City Engineer

City 2 | 218 N. Campbell, 2nd Floor | El Paso, Texas 79901 | (915) 212-0065

Back Up Emails

Gonzalez, Nicholas

From: Marcos Molina <marcos@eagle.construction>
Sent: Monday, July 15, 2024 3:29 PM
To: Gonzalez, Nicholas
Cc: Gurrola, Alondra K.; Hernandez, Yvette M.; Garcia, Daniel; Corral
Subject: Re: Palomino Laramine Intersection Drainage Improvements - Cost Proposal
Attachments: #02 PROPOSAL PALOMINO LARAMINE DRAINAGE IMPROVEMENTS ALL ITEMS.pdf

CAUTION: This email originated from outside of the City of El Paso. Do not click links or open attachments unless you recognize the sender and know the content is safe. If suspicious, use **Phish Alert** or forward to **SpamReport@elpasotexas.gov**.

Nicholas I had attached an incomplete version from February See attached. Let me know you received latest proposal.

From: Marcos Molina <marcos@eagle.construction>
Sent: Monday, July 15, 2024 3:25 PM
To: Gonzalez, Nicholas <GonzalezNX@elpasotexas.gov>
Cc: Gurrola, Alondra K. <GurrolaAK@elpasotexas.gov>; Hernandez, Yvette M. <HernandezYM@elpasotexas.gov>; Garcia, Daniel <GarciaDX2@elpasotexas.gov>; Corral <corral@eagle.construction>
Subject: Re: Palomino Laramine Intersection Drainage Improvements - Cost Proposal

Hello Nicholas here is updated quote only items updated were the last two items that include a significant amount of steel. Let me know if you have any questions.

From: Marcos Molina
Sent: Friday, July 12, 2024 2:37 PM
To: Gonzalez, Nicholas <GonzalezNX@elpasotexas.gov>
Cc: Gurrola, Alondra K. <GurrolaAK@elpasotexas.gov>; Hernandez, Yvette M. <HernandezYM@elpasotexas.gov>; Garcia, Daniel <GarciaDX2@elpasotexas.gov>; Corral <corral@eagle.construction>
Subject: Re: Palomino Laramine Intersection Drainage Improvements - Cost Proposal

Nicholas id like to request one more day through Monday since I'm pending written confirmation of my suppliers quote for the steel.

Marcos Molina
General Manager
International Eagle Enterprises
915-345-6790
Marcos@eagle.construction

On Jul 12, 2024, at 10:13 AM, Gonzalez, Nicholas <GonzalezNX@elpasotexas.gov> wrote:

Good Morning Marcos,

Back Up Emails

Hope all is well. I am following up to confirm if the revised proposal will be provided to CID today, 07/12/2024, as per our meeting held on 07/10/2024. Please let me know if you have any questions, or if there is anything required on my behalf.

Thank you,

Nicholas Gonzalez

Capital Improvement Project Manager

<image002.png>

Capital Improvement Department

218 N. Campbell St., Second Floor| El Paso, TX 79901

gonzalezNX@elpasotexas.gov | 915-216-4287

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From: Gonzalez, Nicholas

Sent: Monday, July 8, 2024 3:15 PM

To: marcos@eagle.construction

Cc: Gurrola, Alondra K. <GurrolaAK@elpasotexas.gov>; Hernandez, Yvette M.

<HernandezYM@elpasotexas.gov>; Garcia, Daniel <GarciaDX2@elpasotexas.gov>;

corral@eagle.construction

Subject: RE: Palomino Laramine Intersection Drainage Improvements - Cost Proposal

Importance: High

Good Afternoon Mr. Molina,

Hope all is well and that you had a great weekend. I am following up on the email sent to you on June 25, 2024 and the revised cost proposal for Palomino Laramine Intersection Drainage Improvements. Please let me know if you have any questions, or if you would like to set up a meeting to further discuss. It is important that we receive the cost proposal promptly, so that we can move forward on the construction for this project.

Thank you,

Nicholas Gonzalez

Capital Improvement Project Manager

Capital Improvement Department

218 N. Campbell St., Second Floor| El Paso, TX 79901

Back Up Emails

<image005.png>

gonzalezNX@elpasotexas.gov | 915-216-4287

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From: Gonzalez, Nicholas

Sent: Tuesday, July 2, 2024 3:40 PM

To: marcos@eagle.construction

Cc: Gurrola, Alondra K. <GurrolaAK@elpasotexas.gov>; Hernandez, Yvette M.

<HernandezYM@elpasotexas.gov>; Garcia, Daniel <GarciaDX2@elpasotexas.gov>;

corral@eagle.construction

Subject: RE: Palomino Laramine Intersection Drainage Improvements - Cost Proposal

Importance: High

Good Afternoon Mr. Molina,

I am following up on the email below and the revised cost proposal for Palomino Laramine Intersection Drainage Improvements. Please let me know if you have any questions, or if you would like to set up a meeting to further discuss.

Thank you,

Nicholas Gonzalez

Capital Improvement Project Manager

Capital Improvement Department

Back Up Emails

218 N. Campbell St., Second Floor| El Paso, TX 79901

<image005.png>

gonzalezNX@elpasotexas.gov | 915-216-4287

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From: Gonzalez, Nicholas

Sent: Tuesday, June 25, 2024 3:44 PM

To: marcos@eagle.construction

Cc: Gurrola, Alondra K. <GurrolaAK@elpasotexas.gov>; Hernandez, Yvette M.

<HernandezYM@elpasotexas.gov>; Garcia, Daniel <GarciaDX2@elpasotexas.gov>;

corral@eagle.construction

Back Up Emails

Subject: Palomino Laramine Intersection Drainage Improvements - Cost Proposal

Importance: High

Good Afternoon Mr. Molina,

Hope all is well. My name is Nicholas Gonzalez and I am a project manager here with the City of El Paso, Capital Improvement Department. I am sending this email to formally introduce myself as the new project manager for the Palomino Laramine Intersection Drainage Improvements. I have reviewed the cost proposal you previously provided to Streets and Maintenance Department on May 30, 2024, and I have some questions/comments pertaining to the proposal breakdown, please see attached. May you please review, provide clarification to the comments, and provide the revised cost proposal by no later than 10:00AM on July 02, 2024. Please let me know if you have any questions, or if you would like to set up a meeting to further discuss. I look forward to working with you and the company, Eagle Construction.

Thank you,

Nicholas Gonzalez

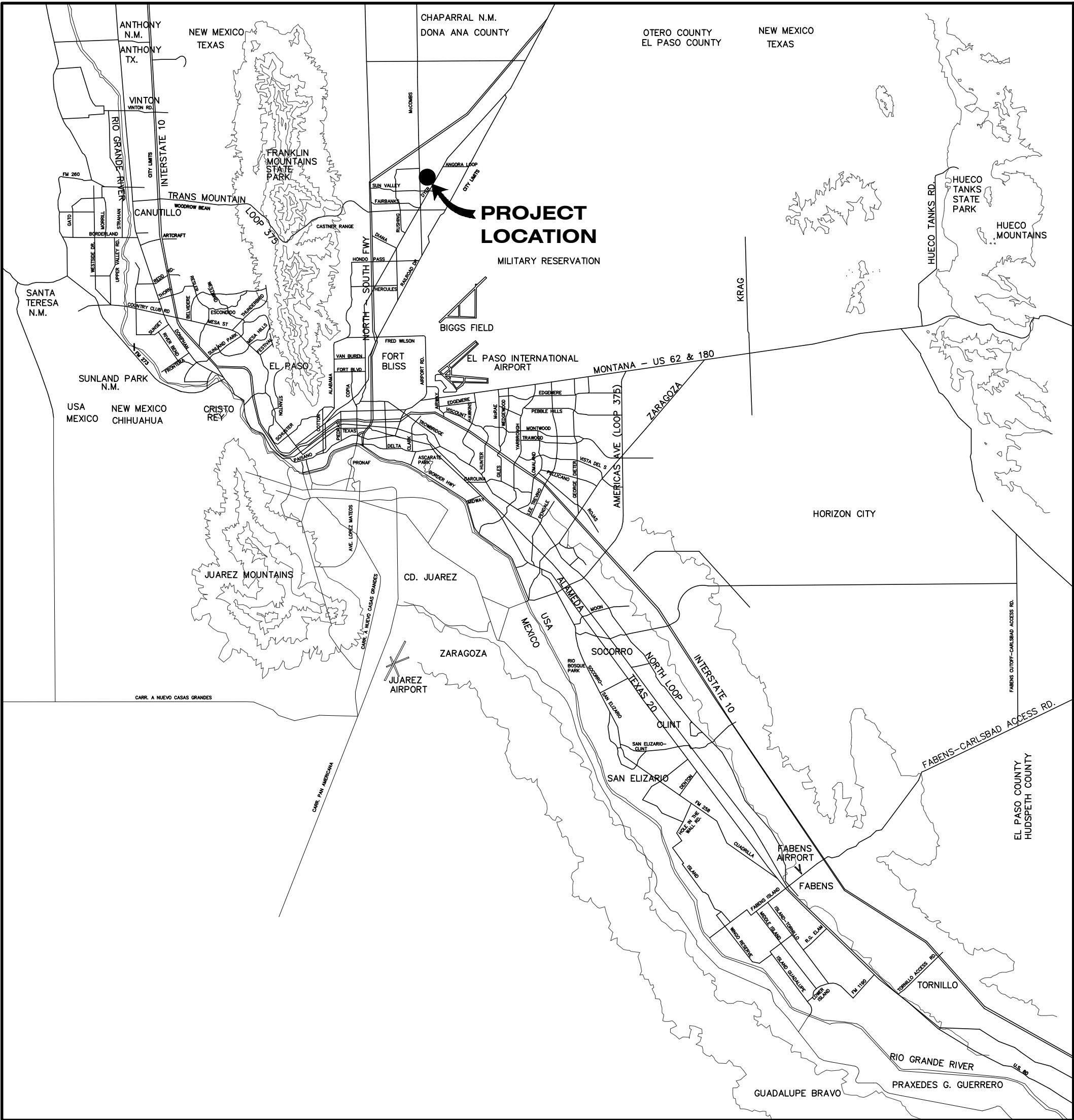
Capital Improvement Project Manager

Capital Improvement Department

218 N. Campbell St., Second Floor| El Paso, TX 79901

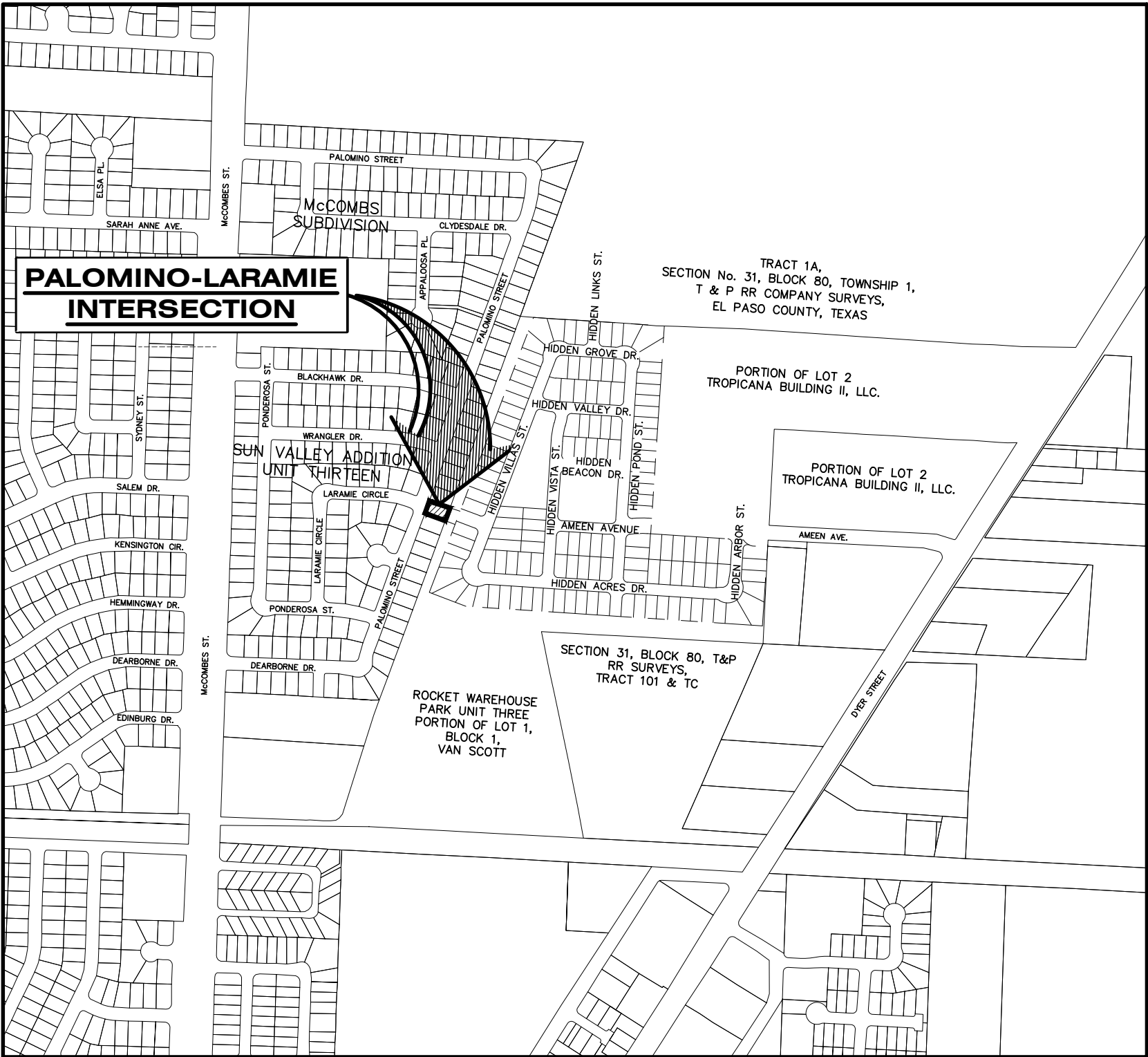
PALOMINO-LARAMIE INTERSECTION DRAINAGE IMPROVEMENTS

A PORTION OF PALOMINO STREET AND LARAMIE CIRCLE INTERSECTION
CITY OF EL PASO, EL PASO COUNTY, TEXAS
CONTAINING 0.09± ACRES



VICINITY MAP
APPROXIMATE SCALE:
1" = 2 MILES

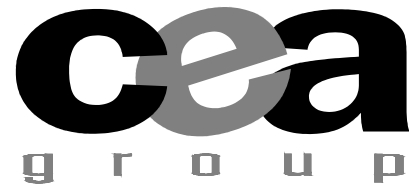
SHEET NUMBER	SHEET TITLE
CVR	COVER SHEET
C1.1	GENERAL INFORMATION
C2.1	TOPOGRAPHIC SURVEY
C3.1	DEMOLITION PLAN
C4.1	IMPROVEMENTS PLAN
C5.1	DRAINAGE PLAN
C6.1-C6.2	GRADING SECTIONS
C7.1	STREET AND FLUME PLAN & PROFILES
C8.1-C8.3	STANDARD DETAILS
C9.1-C9.2	STORM WATER POLLUTION PREVENTION PLAN



LOCATION MAP
APPROXIMATE SCALE: 1" = 600'



5-24-23
ALAN D. HERRERA, P.E. PROJECT MANAGER



TEXAS REGISTERED ENGINEERING FIRM F-4564
4712 Woodrow Bean, Ste. F El Paso, TX 79924
915.544.5232 | www.ceagroup.net

PRINCIPAL CONTACTS:

	NAME	ADDRESS	CITY & ZIP	PHONE	FAX
OWNER:	BOWLING ENTERPRISES	4712 WOODROW BEAN DR. STE. A	EL PASO, TX 79924	(915) 757-1802	(915) 757-1827
ENGINEER:	CEA GROUP	813 N. KANSAS STREET, STE. 300	EL PASO, TX 79902	(915) 544-5232	
SURVEYOR:	BARRAGAN & ASSOCIATES	10950 PELLICANO DR., BLDG F	EL PASO, TX 79936	(915) 591-5709	

GRADING SPECIFICATIONS

1. CLEARING AND GRUBBING: CLEAR SITE OF TREES, SHRUBS AND OTHER VEGETATION; COMPLETELY REMOVE STUMPS, ROOTS AND OTHER DEBRIS PROTRUDING THROUGH GROUND SURFACE; FILL DEPRESSIONS CAUSED BY CLEARING AND GRUBBING OPERATIONS WITH SATISFACTORY FILL MATERIAL, UNLESS FURTHER EXCAVATION OF EARTHWORK IS INDICATED; REMOVE EXISTING ABOVE-GRADE AND BELOW-GRADE IMPROVEMENTS AS INDICATED AND AS NECESSARY TO FACILITATE NEW CONSTRUCTION. BURNING IS NOT PERMITTED ON OWNER'S PROPERTY. REMOVE WASTE MATERIALS FROM OWNER'S PROPERTY.
2. SATISFACTORY FILL MATERIALS: FILL MATERIALS SHALL BE FREE OF ANY ORGANIC OR DELETERIOUS SUBSTANCE AND SHALL NOT CONTAIN ROCKS OR LUMPS OVER 3 INCHES IN GREATEST DIMENSION AND SHALL BE DEFINED AS THOSE COMPLYING WITH ASTM D2487 SOIL CLASSIFICATION GROUPS GW, GP, GM, GC, SM, SP, SM AND SC.
3. UNSATISFACTORY FILL MATERIAL: ARE DEFINED AS THOSE COMPLYING WITH ASTM D2487 SOIL CLASSIFICATION GROUPS ML, MH, CL, CH, OL, OH, AND PT, OR WHERE THE PLASTICITY INDEX EXCEEDS 12, UNLESS OTHERWISE APPROVED BY ENGINEER, OR CITY ENGINEER.
4. EXCAVATION: IS UNCLASSIFIED AND INCLUDES EXCAVATION TO ELEVATIONS INDICATED, REGARDLESS OF CHARACTER OF MATERIAL AND OBSTRUCTIONS ENCOUNTERED.
5. GROUND SURFACE PREPARATION FOR FILL: REMOVE VEGETATION, DEBRIS, UNSATISFACTORY SOIL MATERIAL, OBSTRUCTIONS, AND DELETERIOUS MATERIAL FROM GROUND SURFACE UPON WHICH THE FILL IS TO BE PLACED. THE SURFACE SHALL THEN BE SCARIFIED TO A DEPTH OF AT LEAST 6-INCHES, AND UNTIL THE SURFACE IS FREE FROM RUTS, HUMMOCKS, OR OTHER UNEVEN FEATURES WHICH WOULD PREVENT UNIFORM COMPACTION. PLOW STRIP, OR BREAK UP SLOPED SURFACES STEEPER THAN 1 VERTICAL TO 4 HORIZONTAL SO THAT FILL MATERIAL WILL BOND WITH EXISTING SURFACE. AFTER PLOWING AND SCARIFYING FILL AREA, IT SHALL THEN BE DISCED OR BLADED UNTIL IT IS UNIFORM AND FREE FROM LARGE CLODS, BROUGHT TO OPTIMUM MOISTURE, AND COMPACTED TO 95% OF MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D-1557.
6. PLACEMENT OF FILL: PLACE BACKFILL AND FILL MATERIALS IN LAYERS NOT MORE THAN 8 INCHES IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HEAVY COMPACTION EQUIPMENT, AND NOT MORE THAN 4 INCHES IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HAND-OPERATED TAMPERS. BEFORE COMPACTION MOISTEN OR AERATE EACH LAYER AS NECESSARY TO PROVIDE OPTIMUM MOISTURE CONTENT. PLACE FILL MATERIALS EXACTLY ADJACENT TO SITE APPURTENANCES, PIPING, OR CONDUIT TO REQUIRED ELEVATIONS. PREVENT WEDGING ACTION OF BACKFILL AGAINST SITE APPURTENANCES OR DISPLACEMENT OF PIPING OR CONDUIT BY CARRYING MATERIAL UNIFORMLY AROUND SITE APPURTENANCES, PIPING, OR CONDUIT TO APPROXIMATELY SAME ELEVATION IN EACH LIFT. COMPACT SOIL TO NOT LESS THAN 95% OF MAXIMUM DENSITY, IN ACCORDANCE WITH ASTM D-1557.
7. MOISTURE CONTROL: WHERE SUBGRADE OR LAYER OF SOIL MATERIAL MUST BE CONDITIONED FOR OPTIMUM MOISTURE BEFORE COMPACTION, UNIFORMLY APPLY WATER TO SURFACE OF SUBGRADE OR LAYER OF SOIL MATERIAL. APPLY WATER IN MINIMUM QUANTITY AS NECESSARY TO PREVENT FREE WATER FROM APPEARING ON SURFACE OF LAYER OR SUBSEQUENT TO COMPACTION OPERATIONS. WATER CONTENT SHALL BE WITHIN 2 PERCENTAGE POINTS OF OPTIMUM MOISTURE CONTENT. REMOVE AND REPLACE, OR SCARIFY AND AIR DRY SOIL MATERIAL THAT IS TOO WET TO PERMIT COMPACTION TO SPECIFIED DENSITY.
8. QUALITY CONTROL: THE OWNER SHALL PROVIDE A GEOTECHNICAL ENGINEER TO PERFORM FIELD DENSITY TEST OF THE COMPACTION OF EACH LAYER OF FILL. DENSITY TESTS SHALL BE TAKEN IN THE COMPACTED MATERIAL BELOW THE DISTURBED SURFACE. WHEN THESE TESTS INDICATE THAT THE DENSITY OF ANY LAYER OF FILL OR PORTION THEREOF IS BELOW THE REQUIRED DENSITY, THE PARTICULAR LAYER OR PORTION SHALL BE REWORKED ADJACENT TO THE REQUIRED DENSITY HAS BEEN OBTAINED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ADDITIONAL TESTING AND WHEN REQUIRED DENSITIES ARE NOT MET, SUPERVISION BY THE GEOTECHNICAL ENGINEER DURING THE GRADING OPERATIONS TO ENSURE GRADING WORK IN ACCORDANCE WITH THIS PLAN AND SPECIFICATIONS.

	SUBDIVISION BOUNDARY
	ROW LINE
	CURB LINE
	PROPERTY LINE
	STREET CENTERLINE
	EASEMENT LINE
	MATCH LINE
	STORM SEWER LINE
	HIGH WATER MARK
	CURB AND GUTTER DROP INLET
	STORM SEWER MANHOLE
	FINISHED GROUND CONTOUR ELEVATION (INDEX)
	FINISHED GROUND CONTOUR ELEVATION (INTERMEDIATE)
	EXISTING GROUND CONTOUR ELEVATION (INDEX)
	EXISTING GROUND CONTOUR ELEVATION (INTERMEDIATE)
	NEW RETAINING ROCKWALL (2'-3' IN HEIGHT)
	NEW RETAINING ROCKWALL (3'-9' IN HEIGHT)
	NEW RETAINING ROCKWALL (9'-13' IN HEIGHT)
	NEW RETAINING ROCKWALL (13'-20' IN HEIGHT)

LP	LOW POINT
HP	HIGH POINT
ELEV	ELEVATION
STA	STATION
VCS	VERTICAL CURVE STATION
VCE	VERTICAL CURVE ELEVATION
TC	TOP OF CURB
TM	TOP OF MEDIAN
TP	TOP OF PAVEMENT
TYP	TYPICAL
PVC	POINT OF VERTICAL CURVE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENT
AD	ALGEBRAIC DIFFERENCE
CR	CURVE RETURN
ROW	RIGHT OF WAY
CL	CENTER LINE
PL	PROPERTY LINE
FG	FINISH GRADE
FFL	FINISH FLOOR
EG	EXISTING GRADE
MIN.	MINIMUM
MAX.	MAXIMUM
RCP	REINFORCED CONCRETE PIPE
Q	QUANTITY
CAP	CAPACITY
EXP	EXPECTED
INV	INVERT
CFS	CUBIC FEET PER SECOND
A	AREA
DA	DRAINAGE AREA
LF	LINEAR FEET
STD	STANDARD
CONC	CONCRETE
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENT
L	LENGTH
R	RADIUS
T	TANGENT
Δ	DELTA
S	SLOPE
TEMP	TEMPORARY
V	VELOCITY IN FEET PER SECOND
HGL	HYDRAULIC GRADE LINE
HWE	HIGH WATER ELEVATION

**WARNING !
BEFORE YOU DIG
CALL 811**

FOR FIELD LOCATING EXISTING UTILITIES

DRAWING NAME

SHEET NO.

COVER	CVR
GENERAL INFORMATION	C1.1
TOPOGRAPHIC SURVEY.....	C2.1
DEMOLITION PLAN.....	C3.1
IMPROVEMENTS PLAN	C4.1
DRAINAGE PLAN	C5.1
GRADING SECTIONS (SHEET 1 OF 2).....	C6.1
GRADING SECTIONS (SHEET 2 OF 2).....	C6.2
LARAMIE CIRCLE PLAN & PROFILE FROM STA. 0+00.00 TO STA. 2+97.27.....	C7.1
CONCRETE FLUME PLAN & PROFILE FROM STA. 1+79.40 TO STA. 2+83.77	
STANDARD DETAILS (SHEET 1 OF 3).....	C8.1
STANDARD DETAILS (SHEET 2 OF 3).....	C8.2
STANDARD DETAILS (SHEET 3 OF 3).....	C8.3
STORM WATER POLLUTION PREVENTION PLAN: GENERAL NOTES.....	C9.1
STORM WATER POLLUTION PREVENTION PLAN: SITE PLAN AND DETAILS.....	C9.2

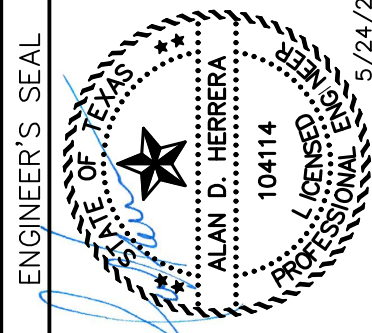
REFERENCES – BENCHMARKS

CITY MONUMENT LOCATED AT THE CENTERLINE
INTERSECTION OF CLYDESDALE DRIVE AND PALOMINO

ELEVATION: 3939.53' (NAVD 88)
3928.24' (FPVD)

DATE	REVISIONS
------	-----------

ceagroup
813 N. Kansas St.
Suite 300
El Paso, TX 79902
915.544.5232
www.ceagroup.net



SCALE _____
Horizontal: _____ N/A
Vertical: _____ N/A
Contour Interval: N/A
DATE: APRIL 2023
DESIGN BY: A.D.H.
DRAWN BY: A.D.H./K.A.P.
CHKD. BY: J.L.A.
APPVD. BY: J.L.A.
JOB No. 0001-100

PALOMINO-LARAMIE INTERSECTION

DRAINAGE IMPROVEMENTS

SHEET TITLE

GENERAL INFORMATION

SHEET NO.

C1.1

GENERAL NOTES

- UNDERGROUND UTILITIES SHOWN HEREON WERE TAKEN FROM PLANS AND/OR REPORT PROVIDED TO THE SURVEYOR BY OTHERS AND FROM MARKINGS SET BY TEXAS 811. PROVIDED INFORMATION COMBINED WITH TEXAS 811 MARKING AND OBSERVED EVIDENCE OF UTILITIES WAS USED TO DEVELOP A VIEW OF THE UNDERGROUND UTILITIES. HOWEVER, LACKING EXCAVATION, THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY, COMPLETELY AND RELIABLY DEPICTED. NO ATTEMPT HAS BEEN MADE AS A PART OF THIS SURVEY TO CONFIRM, OBTAIN OR SHOW DATA CONCERNING THE DEPTH OR CONDITION OF ANY UTILITY OR MUNICIPAL/PUBLIC SERVICE FACILITY, SUBSURFACE AND ENVIRONMENTAL CONDITIONS WERE NOT EXAMINED OR CONSIDERED AS A PART OF THIS SURVEY. NO STATEMENT IS MADE CONCERNING THE EXISTENCE OF UNDERGROUND OR OVERHEAD CONTAINERS OR FACILITIES, WHICH MAY AFFECT THE USE OR DEVELOPMENT OF THE SUBJECT TRACT OF LAND. WHERE ADDITIONAL OR MORE DETAILED UNDERGROUND UTILITY INFORMATION IS REQUIRED, CONTRACTOR IS HEREBY ADVISED THAT EXCAVATION MAY BE NECESSARY.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITY COMPANIES FOR THE EXACT LOCATION OF UNDERGROUND AND OVERHEAD UTILITIES INCLUDING UTILITIES NOT SHOWN ON PLANS. THE CONTRACTOR SHALL PROTECT ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES AND ANY UTILITIES NOT SHOWN THIS PLAN DURING CONSTRUCTION. THE CONTRACTOR WILL PERFORM ALL UTILITY INSTALLATION, REMOVAL AND RELOCATION'S AS PER LOCAL UTILITY CONSTRUCTION SPECIFICATIONS.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS, CONDITIONS, AND ELEVATIONS ON SITE AND SHALL CONTACT THE DESIGN ENGINEER AND REPORT ANY DISCREPANCIES, OMISSIONS AND/OR ERRORS ON PLANS PRIOR TO COMMENCING WORK.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF EL PASO AND/OR APPLICABLE ENTITY STANDARD SPECIFICATIONS AND DETAILS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITTING NECESSARY FOR EARTHWORK OPERATIONS.
- CONTRACTOR SHALL COORDINATE RELOCATION OF ALL EXISTING UTILITIES AND MANHOLE WITH RESPECTIVE UTILITY COMPANIES.
- CONTRACTOR SHALL PERFORM ALL EARTHWORK REQUIREMENTS AS PER GEOTECHNICAL STUDY REPORT.
- A CALL WAS PLACED TO TEXAS DIG SAFE NUMBER (811) TO ACQUIRE LINE-SPOTS. CONFIRMATION NUMBER IS 2273871753. AS OF 8-26-2022 NO LINES WERE SPOTTED IN THE FIELD.

SURVEY NOTES

- THE BEARINGS, DISTANCES AND COORDINATES SHOWN HEREON ARE REFERENCED TO THE TEXAS COORDINATE SYSTEM OF 1983, TEXAS CENTRAL ZONE 4203, AND ARE BASED ON THE NORTH AMERICAN DATUM OF 1983, 2011 ADJUSTMENT. COORDINATES SHOWN ARE SCALED TO SURFACE DISTANCES AT N: 0.0 AND E: 0.0 USING A SCALE FACTOR OF 1.000231. ALL AREAS SHOWN HEREON ARE CALCULATED BASED ON SURFACE MEASUREMENTS.
- THESE NAVD 88 ELEVATIONS WERE DERIVED FROM RTK OBSERVATION FROM THE APPLICATION OF THE TEXAS RTK CO-OP NETWORK, GEOID 2012B MODEL (ACCURACY $\pm 0.16'$).
- THIS PROPERTY MAY BE SUBJECT TO EASEMENTS WHETHER OF RECORD OR NOT. NO ADDITIONAL RESEARCH WAS PERFORMED BY B&A INC. FOR ANY RESERVATION, BUILDING LINE, UTILITY LINES, AND OR EASEMENTS WHICH MAY OR MAY NOT AFFECT SUBJECT PARCEL.
- ALL MANHOLE/VAULT INVERT DATA PROVIDED HEREON (EG. PIPE SIZES, PIPE TYPES, FLOWLINE ELEVATIONS) IS MEASURED OR ESTIMATED FROM THE TOP OF THE STRUCTURE BY FIELD CREW PERSONNEL WHILE REASONABLE PRECAUTIONS ARE ALWAYS TAKEN. B&A INC. EXPRESSLY ASSUMES NO LIABILITY FOR THE RISK OF OBTAINING INCORRECT VALUES INHERENT WHEN MAKING INDIRECT MEASUREMENTS OR ESTIMATES. NO UNDERGROUND UTILITY STRUCTURES ARE ENTERED BY B&A INC. PERSONNEL TO OBTAIN MEASUREMENTS DUE TO SAFETY CONCERNS.
- THIS SURVEY IS NOT A BOUNDARY SURVEY AND SHALL NOT BE USED AS A BOUNDARY SURVEY.
- THE SIZE OR SHAPE OF THE TREE/BUSH SYMBOLS INCLUDED HEREON DO NOT NECESSARILY REPRESENT THE ACTUAL SIZE AND SHAPE OF THE CORRESPONDING TREES/BUSHES OR THEIR CANOPIES. THEY REPRESENT LOCATION ONLY.
- THE TERM "CERTIFY" OR "CERTIFICATE" AS SHOWN AND USED HEREON INDICATED AN EXPRESSION OF PROFESSIONAL OPINION REGARDING THE FACTS OF THE SURVEY AND DOES NOT CONSTITUTE A WARRANTY OR GUARANTEE, EXPRESSED OR IMPLIED; AND IS ADDRESSED EXCLUSIVELY TO THE PARTIES NAMED HEREON.

DUST AND EROSION CONTROL NOTE

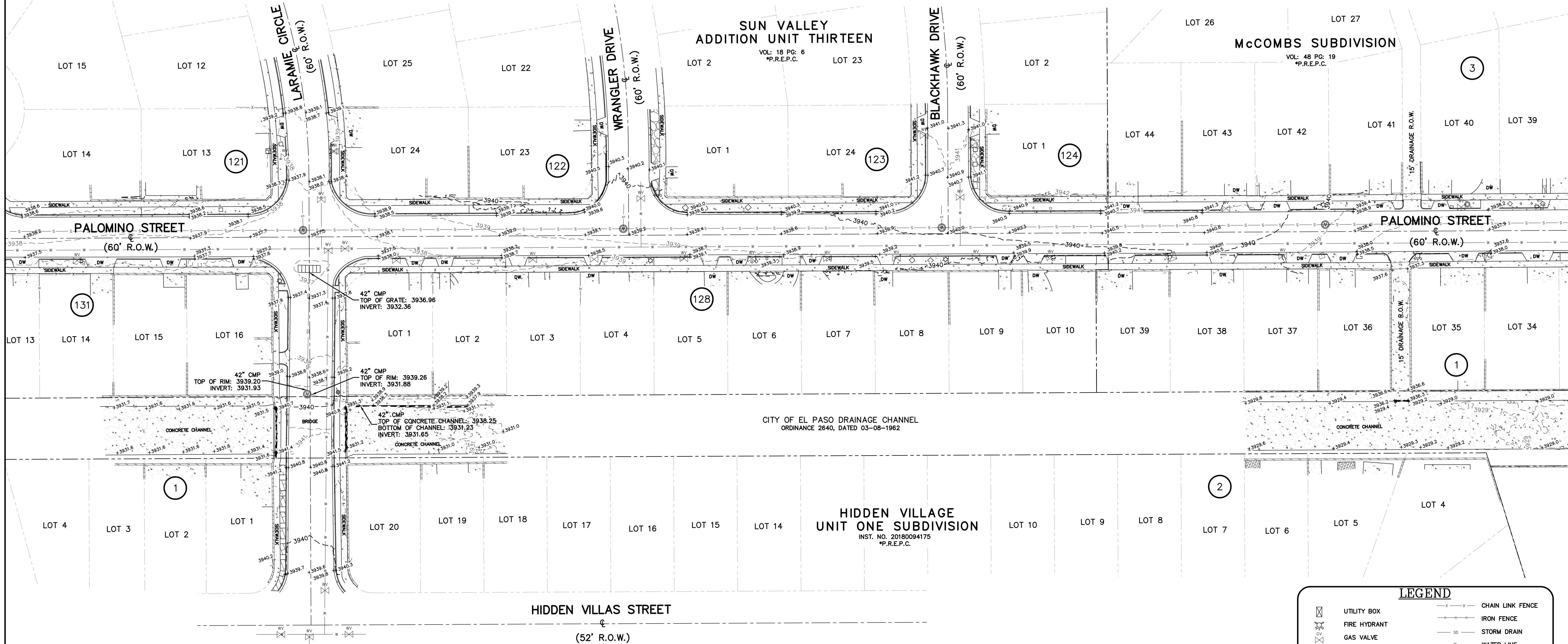
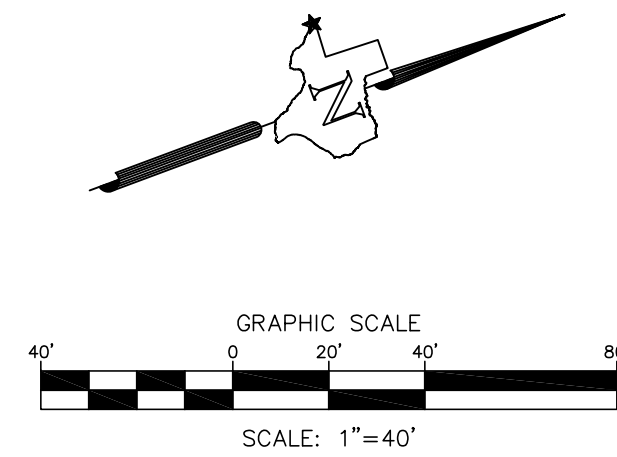
CONTRACTOR SHALL MAKE PROVISIONS FOR TEMPORARY DUST AND EROSION CONTROL WHERE EXTENSIVE DIRT OR DUST OPERATIONS ARE PERFORMED. USE WATER SPRINKLING AND OTHER METHODS TO LIMIT DUST AND DIRT MIGRATION. COMPLY WITH GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.

BEFORE YOU DIG - CALL

EL PASO ELECTRIC COMPANY	1-800-592-1634
AT & T	1-877-213-1053
SOUTHERN UNION GAS COMPANY	(915) 544-6300
EMERGENCY HOT LINE	562-8411/562-2003
PUBLIC SERVICE BOARD (WATER&SEWER)	(915) 594-5500
SPECTRUM	1-833-267-6094
TEXAS GAS SERVICE	1-800-959-5325
TEXAS EXCAVATION SAFETY SYSTEM	811

BENCHMARK

FOUND CITY MONUMENT (10008)
AT THE CENTERLINE INTERSECTION OF
PALOMINO ST. AND CLYDESDALE DR.
ELEVATION: 3939.32' (NAVD 88)



LEGEND	
	UTILITY BOX
	FIRE HYDRANT
	GAS VALVE
	DROP INLET
	LAMP
	MANHOLE
	WATER VALVE
	ROCK FLOOR
	BRICK FLOOR
	CONCRETE
	CHAIN LINK FENCE
	IRON FENCE
	STORM DRAIN
	WATER LINE
	SANITARY SEWER
	ROCK WALL
	SIGN
	MAJOR CONTOUR
	MINOR CONTOUR
	SPOT ELEVATIONS
	DRIVEWAY

Barragan & Associates Inc.
LAND PLANNING & LAND SURVEYING
TEXAS SURVEYING FIRM# 10161200
10950 Pellicano Dr. Bldg. F - El Paso TX 79935
Phone (915) 591-5709 Fax (915) 591-5706
FAX (915) 591-5709
THIS DRAWING IS THE PROPERTY OF BARRAGAN & ASSOCIATES, INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF BARRAGAN & ASSOCIATES, INC.

**WITHIN PALOMINO ST.,
BLACKHAWK DR., AND
WRANGLER DR., AND
LARAMIE CIR.,
IN THE CITY OF EL PASO,
EL PASO COUNTY, TEXAS.**

REVISIONS	DATE	DESCRIPTION	BY

CEA
CONTRACTOR
BENITO BARRAGAN
SURVEYOR
AA
TECHNICIAN
AA
DRAWN
CC
FIELD

Date: 09-30-2022

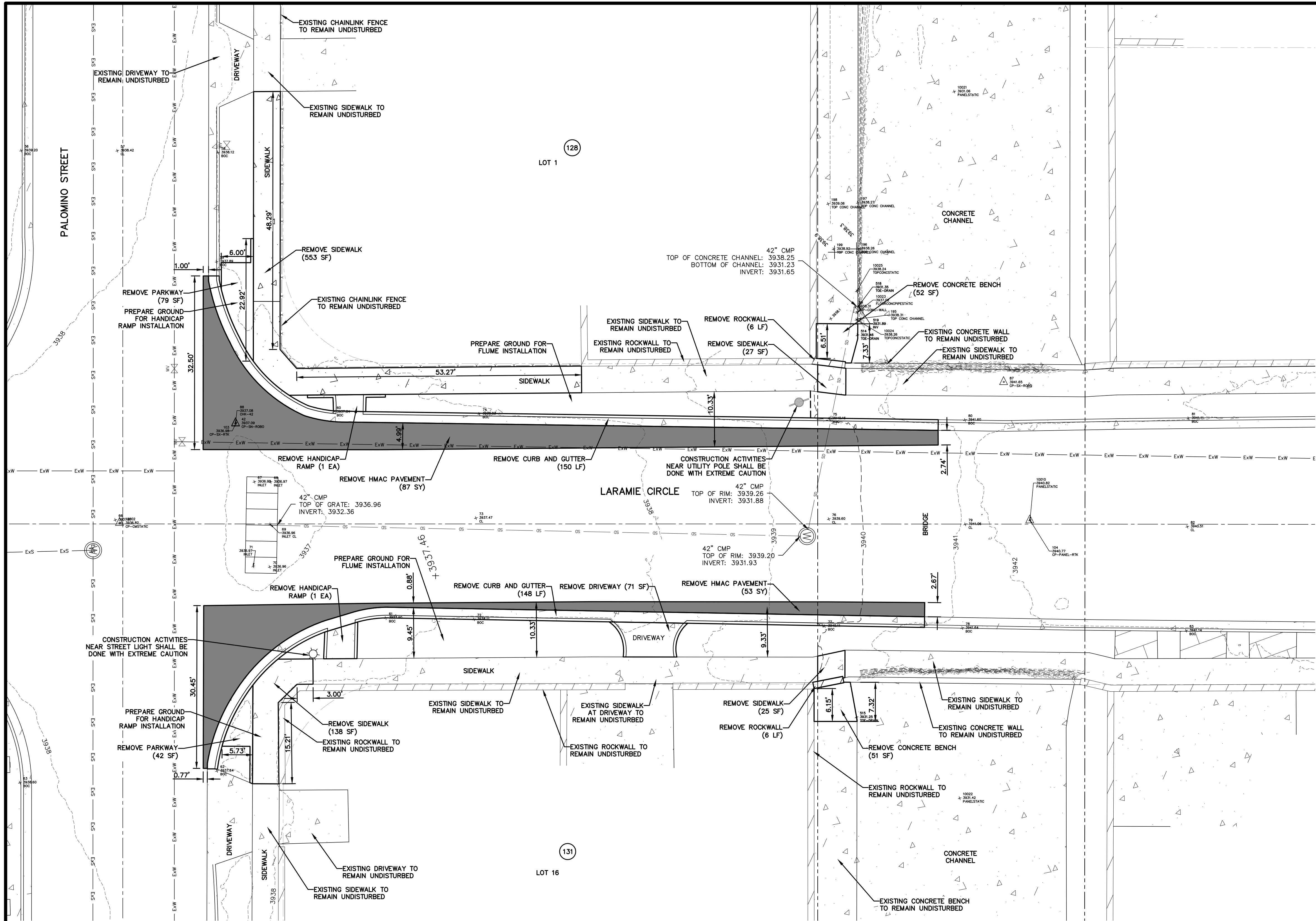
TOPOGRAPHIC
SURVEY

Job Number:
220829-13

PREPARED BY AND UNDER
THE SUPERVISION OF:

BENITO BARRAGAN
TX, R.P.L.S. NO. 5615

SHEET 1 OF 1



UTILITY LOCATOR SERVICES

EL PASO ELECTRIC COMPANY
EL PASO ENERGY CORPORATION
EL PASO WATER UTILITIES
MCI SURVEILLANCE
TIME WARNER COMMUNICATIONS
TEXAS GAS SERVICE
SBC
AT&T
U.S. SPRINT TELECOMM

(915) 543-5720
(915) 496-5244
(915) 594-5500
(800) MCI-WORK
(915) 772-1123
(915) 680-7200
(800) 945-6005
(800) 852-3786
(800) 521-0579

WARNING!
BEFORE YOU DIG

CALL 811

FOR FIELD LOCATING EXISTING UTILITIES

- NOTES:**
- ALL UNDERGROUND UTILITIES SHALL MAINTAIN EIGHTEEN (18") INCHES OF COVER DURING CONSTRUCTION.
 - ALL SUITABLE EXCAVATED MATERIALS SHALL BE REMOVED, INsofar AS PRACTICAL, IN CONSTRUCTING THE REQUIRED SECTIONS OR AS DIRECTED BY THE ENGINEER. UNSUITABLE ROADWAY EXCAVATION AND EXCAVATION IN EXCESS OF THAT NEEDED SHALL BECOME THE PROPERTY OF CONTRACTOR, TO BE PROPERLY DISPOSED OF OFF-SITE.
 - CONTRACTOR SHALL INSTALL TEMPORARY TRAFFIC SIGNAGE.
 - CONTRACTOR SHALL MAINTAIN ALL WORK WITHIN PROJECT LIMITS. INTERSECTING STREETS SHALL BE ADJUSTED TO MATCH IMPROVEMENTS.
 - NEATLY SAW CUT ASPHALT PAVEMENT AND CONCRETE AT PROJECT LIMITS, EXCEPT AS NOTED.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF EXISTING IMPROVEMENTS IN THE PROJECT AREA AND ITS VICINITY. ANY DAMAGES RESULTING FROM THE CONTRACTOR'S WORK SHALL BE REPAIRED TO ITS ORIGINAL CONDITION BY THE CONTRACTOR, AT NO ADDITIONAL COST TO THE OWNER.
 - CONTRACTOR SHALL COORDINATE WITH ALL AFFECTED UTILITY COMPANIES WHEN WORKING DURING OR NEAR THE UTILITY.
 - CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION ACTIVITIES.
 - CONTRACTOR SHALL CALL DIG TESS PRIOR TO ANY CONSTRUCTION ACTIVITIES OR ANY EXCAVATION. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES MAIN LINES. COORDINATION WITH UTILITY HAVING JURISDICTION OF LINE IS REQUIRED.

REFERENCES - BENCHMARKS

CITY MONUMENT LOCATED AT THE CENTERLINE INTERSECTION OF CLODESDALE DRIVE AND PALOMINO STREET
ELEVATION: 3939.63' (HAND 88 SHOWN)
3938.24' (E.P.V.D.)

DATE: _____ BY: _____

REVISIONS

813 N. Kansas St.
Suite 300
El Paso, TX 79902
915.544.5232
www.ceagroup.net

TEXAS REGISTERED ENGINEERING FIRM F-4564

ENGINEER'S SEAL

SCALE: 1" = 10'

Horizontal: N/A
Vertical: N/A
Contour Interval: N/A
DATE: APRIL 2023
DESIGN BY: A.D.H.
DRAWN BY: A.D.H./K.A.P.
CHKD. BY: J.L.A.
APPVD. BY: J.L.A.
JOB NO. 0001-100

PROJECT TITLE

PALOMINO-LARAMIE INTERSECTION

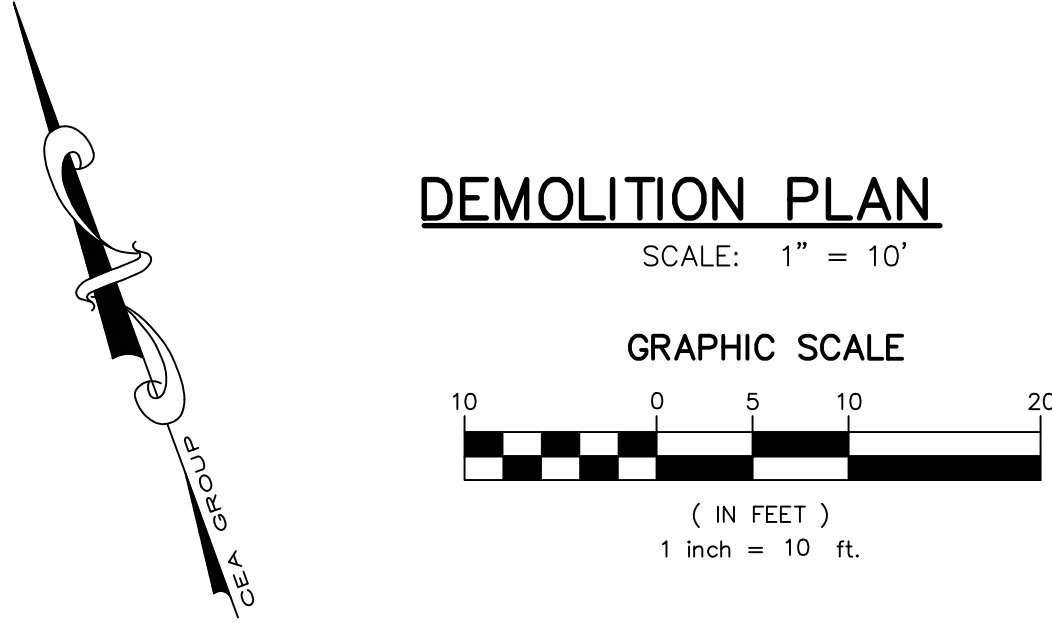
DRAINAGE IMPROVEMENTS

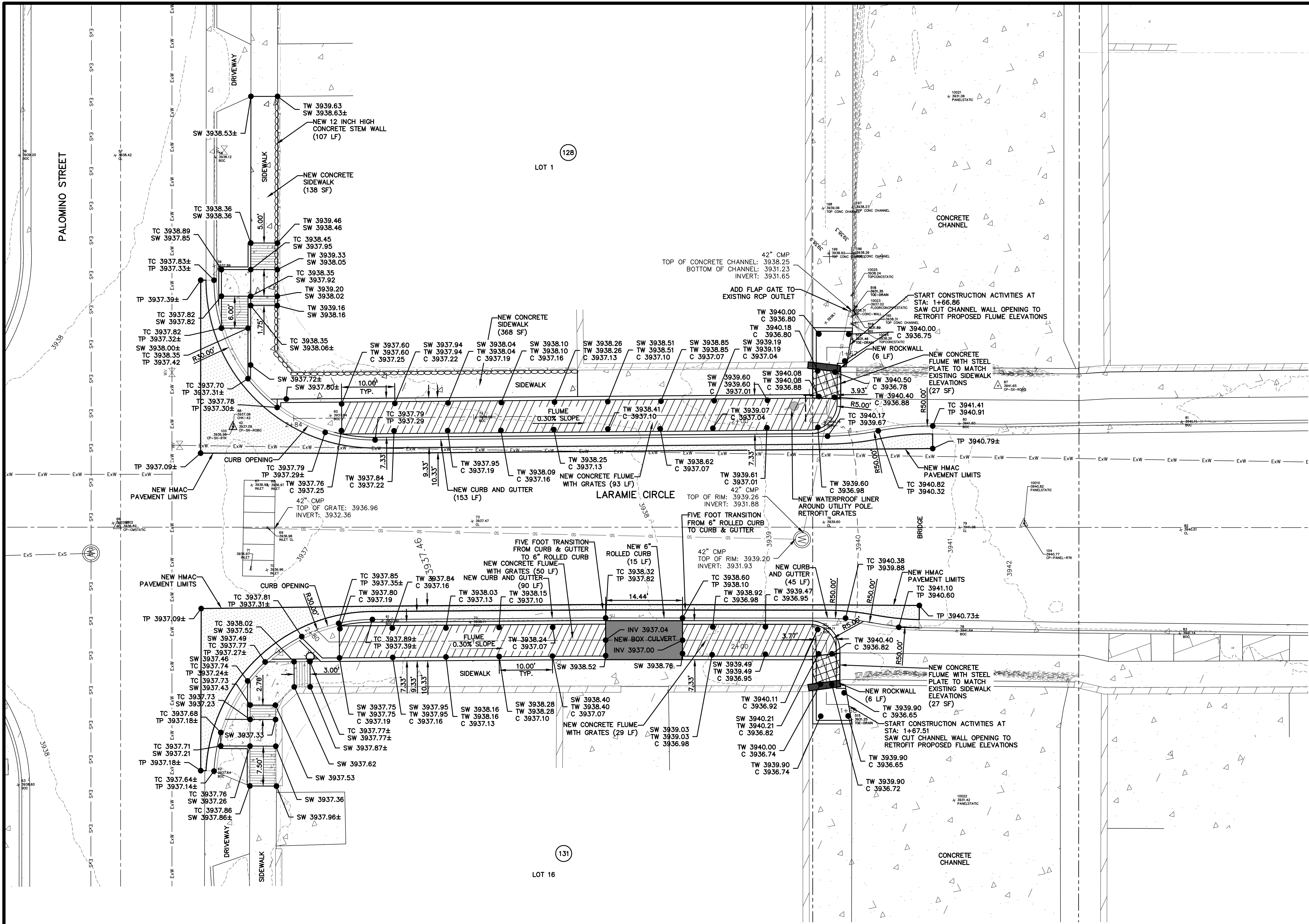
SHEET TITLE

DEMOLITION PLAN

SHEET NO.

C3.1





UTILITY LOCATOR SERVICES

EL PASO ELECTRIC COMPANY
EL PASO ENERGY CORPORATION
EL PASO WATER UTILITIES
MCI SURVEILLANCE
TIME WARNER COMMUNICATIONS
TEXAS GAS SERVICE
SBC
AT&T
U.S. SPRINT TELECOMM

(915) 543-5720
(915) 496-5244
(915) 594-5500
(800) MCI-WORK
(915) 772-1123
(915) 680-7200
(800) 945-6005
(800) 852-3786
(800) 521-0579

WARNING !
BEFORE YOU DIG
CALL 811

FOR FIELD LOCATING EXISTING UTILITIES

LEGEND

NEW CONCRETE FLUME WITH STEEL PLATE

NEW CONCRETE FLUME WITH GRATES

NEW 6" HIGH ROCKWALL

6" CURB AND GUTTER

EXISTING SANITARY SEWER MANHOLE

EXISTING SEWER LINE

EXISTING WATER LINE

EXISTING FENCE

EXISTING ROCKWALL

- NOTES:
1. CONCRETE CURB AND GUTTER AND 4" ROLLED CURB SHALL MATCH EXISTING PAVEMENT ELEVATIONS.

2. CONCRETE FLUME TOP OF SIDE WALLS SHALL MATCH ELEVATIONS TO EXISTING SIDEWALK AND PROPOSED TOP OF CURB ELEVATIONS. THE GRATES AND THE STEEL PLATE SHALL BE FLUSHED WITH THE EXISTING SIDEWALK.

3. EXPANSION JOINT SHALL BE INSTALLED BETWEEN EXISTING SIDEWALK AND CONCRETE FLUME, AND BETWEEN CONCRETE FLUME AND CURB & GUTTER.

4. STEEL PLATE SHALL BE WIDE ENOUGH TO ACCOMMODATE PROPOSED ROCKWALL.

5. THE WATERPROOF LINER ON THE UTILITY POLE SHALL EXTEND SIX INCHES ABOVE THE PROPOSED GRATES. THE GRATES AT THE UTILITY POLE LOCATION SHALL BE RETROFIT TO ACCOMMODATE UTILITY POLE WITHOUT JEOPARDIZING THE INTEGRITY OF THE GRATE. REINFORCE GRATES AS NEEDED.

18.44.090 – WARRANTY

ANY PERSON ISSUED A PERMIT SHALL AGREE WARRANT AND MAINTAIN THE AREA DESCRIBED IN THE PERMIT FOR A PERIOD OF TWO YEARS AFTER THE PERMIT IS CLOSED BY THE CITY PURSUANT TO SECTION 18.44.220, OR UNTIL A BUILDING PERMIT IS ISSUED FOR THE PURPOSE OF MAINTAINING A STABILIZED SITE IN ACCORDANCE WITH THE APPROVED GSP, WHICHEVER FIRST OCCURS. (THE "WARRANTY" OR "WARRANTY PERIOD"). THE CITY MAY CONDUCT INSPECTIONS OF THE PERMITTED AREA THROUGHOUT THE WARRANTY PERIOD AND REQUIRE MAINTENANCE AND CORRECTION OF THE WORK BY THE PERMIT HOLDER. FAILURE OF THE PERMIT HOLDER TO CORRECT THE WORK SHALL CONSTITUTE A FAILURE TO COMPLY WITH THE PROVISIONS OF THIS CHAPTER.

(Ord. No. 17516, § 1, 3–29–2011)

IMPROVEMENTS NOTE:

ALL EXISTING AND PROPOSED SIDEWALKS, BARRIER FREE RAMPS, HANDICAP PARKING, DRIVEWAY CROSSWALKS, DRIVEWAYS AND ACCESSIBLE ROUTES SHALL COMPLY WITH A.D.A., T.A.S., AND CITY OF EL PASO REQUIREMENTS. EXISTING INFRASTRUCTURE NOT COMPLYING SHALL BE REMOVED AND REPLACED TO MEET STANDARDS.

18.44.220 – PERMIT CLOSEOUT PROCEDURE

AFTER THE PERMITTEE COMPLETES THE GRADING UNDER THE PERMIT, THE PERMIT SHALL BE CLOSED. AS PART OF THE CLOSEOUT PROCEDURE, THE APPLICANT MUST SUBMIT THE FOLLOWING TO THE CITY:

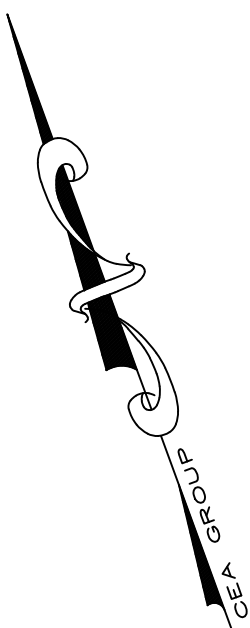
- A.
- A STATEMENT FROM THE ENGINEER OF RECORD THAT STATES, "THE GRADING OPERATION HAS BEEN SUBSTANTIALLY COMPLETED AND GENERALLY CONFORMS TO THE APPROVED SET OF PLANS". THE PERMITTEE SHALL CALL THE PERMIT OFFICIAL TO ESTABLISH THE BEGINNING OF THE WARRANTY PERIOD AND TO NOTIFY THE PERMIT OFFICIAL THAT THE GSP HAS BEEN IMPLEMENTED.
- B.
- A COPY OF THE NOTICE OF TERMINATION FILED WITH THE STATE OR DATED CONSTRUCTION SITE NOTICE, IF APPLICABLE, IN ACCORDANCE WITH CHAPTER 15. THE CITY WILL ISSUE A LETTER STATING GENERAL CONFORMANCE TO THE PERMIT HAS BEEN MET AND THAT THE WARRANTY PERIOD REQUIREMENTS WILL CONTINUE TO BE IN EFFECT.

(Ord. No. 17516, § 1, 3–29–2011)

18.44.200 – ENGINEERING CONTROLS FOR GRADING

CONSTRUCTION ACTIVITY REQUIREMENTS:

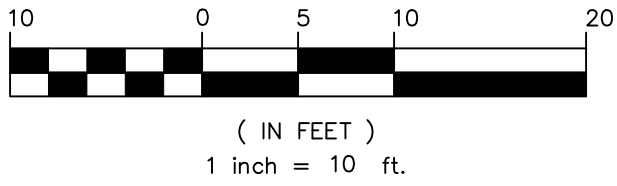
1.
- NO ON-SITE PROCESSING OF MATERIAL FOR COMMERCIAL OR RETAIL SALE SHALL BE ALLOWED. ON-SITE PROCESSING OF MATERIALS TO BE USED FOR PREPARATION OR CONSTRUCTION OF IMPROVEMENTS WITHIN THE SITE COVERED BY THE GRADING PERMIT SHALL BE ALLOWED.
2.
- WORK SHALL BE CONDUCTED IN A MANNER THAT PRESERVES AND DOES NOT OBSTRUCT, IMPEDE OR INTERFERE WITH THE FLOW OF STORMWATER IN NATURAL DRAINAGE WAYS, UNIMPROVED CHANNELS OR WATERCOURSES, OR IMPROVED DITCHES, CHANNELS OR CANALS IN SUCH A MANNER AS THE CAUSE FLOODING WHERE IT WOULD NOT OTHERWISE OCCUR.
3.
- CONSTRUCTION EQUIPMENT AND FENCING SHALL BE KEPT OUT OF WATERCOURSES EXCEPT WHEN NECESSARY TO PERFORM WORK ON THE APPROVED PLANS. ADEQUATE BY-PASS MEASURES SHALL BE INSTALLED WHERE TEMPORARY DRAINAGE BLOCKAGES WILL OCCUR. WHERE WORK WITHIN A CHANNEL IS DESIGNATED ON APPROVED PLAN, PRECAUTIONS SHALL BE TAKEN TO STABILIZE THE WORK AREA DURING CONSTRUCTION TO MINIMIZE EROSION AS SHOWN ON THE PLANS. THE CHANNEL, INCLUDING BED AND BANKS, SHALL ALWAYS BE RESTORED/REESTABLISHED IMMEDIATELY AFTER WORK IN THE CHANNEL IS COMPLETED.
4.
- WHERE A DRAINAGE WAY WILL BE CROSSED BY CONSTRUCTION VEHICLES REGULARLY DURING CONSTRUCTION, A TEMPORARY CROSSING SHALL BE CONSTRUCTED AS REQUIRED IN THE APPROVED GRADING PLANS.
5.
- MATERIAL STOCKPILING SHALL NOT BE ALLOWED WHEN GRADING OPERATIONS ARE IDLE FOR MORE THAN SEVEN CONSECUTIVE CALENDAR DAYS. STOCKPILING SHALL BE LIMITED TO TEN FEET HIGH WHEN GRADING OPERATIONS ARE BEING CONDUCTED.
6.
- A TRAFFIC CONTROL PERMIT SHALL BE REQUIRED IF THE GRADING OPERATION WILL IMPACT TRAFFIC.
7.
- ANY USE OF VIBRATORY EQUIPMENT SHALL NOT BE ALLOWED, UNLESS APPROVED IN WRITING BY THE PERMIT OFFICIAL IN ADVANCE OF SUCH USE.
8.
- THE PERMIT OFFICIAL MUST BE NOTIFIED NO LATER THAN 4:00 PM THE DAY IN ADVANCE OF ANY GRADING WORK. ADDITIONAL ACTIVITY REQUIREMENTS/RESTRICTIONS MAY BE SPECIFIED BY THE DESIGN ENGINEER OF RECORD.



IMPROVEMENTS PLAN

SCALE: 1" = 10'

GRAPHIC SCALE



REFERENCES – BENCHMARKS

CITY MONUMENT LOCATED AT THE CENTERLINE INTERSECTION OF CLOSDALE DRIVE AND PALOMINO STREET

ELEVATION: 3939.63' (HAND 88 SHOWN) 3928.24' (E.P.V.I.)

813 N. Kansas St.
Suite 300
El Paso, TX 79902
915.544.5292
www.ceagroup.net

CEA GROUP

TEXAS REGISTERED ENGINEERING FIRM F-4564

ENGINEER'S SEAL

ALAN D. HERRERA

10414

5/24/23

SCALE: 1" = 10'

Horizontal: N/A
Vertical: N/A
Contour Interval: N/A

DATE: APRIL 2023
DESIGN BY: A.D.H.
DRAWN BY: A.D.H./K.A.P.
CHKD. BY: J.L.A.
APPD. BY: J.L.A.
JOB NO.: 0001-100

PROJECT TITLE

PALOMINO–LARAMIE INTERSECTION

SHEET TITLE

IMPROVEMENTS PLAN

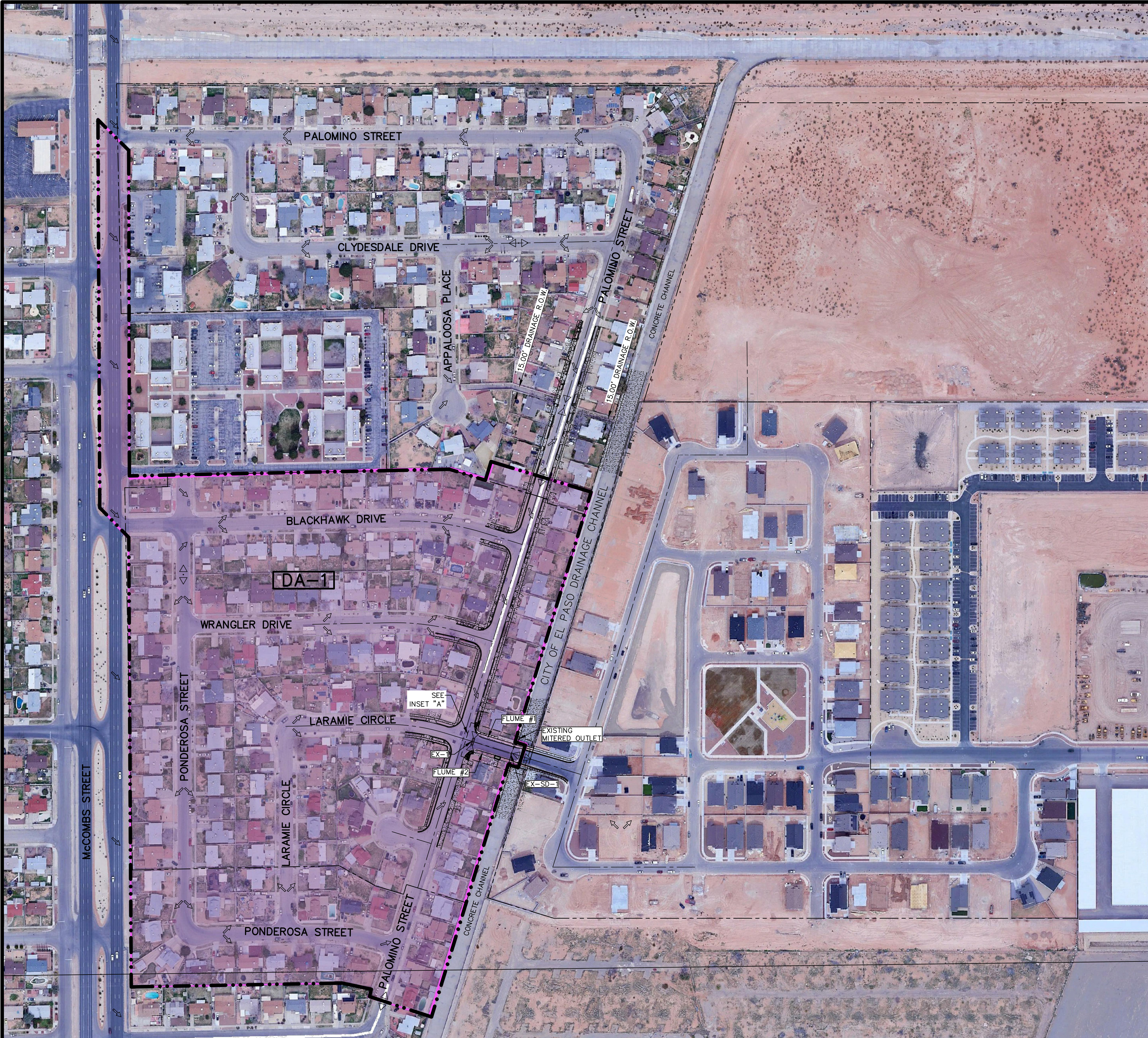
SHEET NO.

C4.1

BY

REVISIONS

DATE



UTILITY LOCATOR SERVICES

EL PASO ELECTRIC COMPANY

(915) 543-5720

EL PASO ENERGY CORPORATION

(915) 496-5244

EL PASO WATER UTILITIES

(915) 594-5500

MCI SURVEILLANCE

(800) MCI-WORK

TIME WARNER COMMUNICATIONS

(915) 772-1123

TEXAS GAS SERVICE

(915) 680-7200

SBC

(800) 945-6005

AT&T

(800) 852-3786

U.S. SPRINT TELECOMM

(800) 521-0579

WARNING !

BEFORE YOU DIG

CALL 811

FOR FIELD LOCATING EXISTING UTILITIES

REFERENCES — BENCHMARKS

CITY MONUMENT LOCATED AT THE CENTERLINE INTERSECTION OF CLYDESDALE DRIVE AND PALOMINO STREET

ELEVATION: 3939.63' (NAD 88 SHOWN)
3928.24' (E.P.V.O.)

DATE

REVISIONS

BY

LEGEND:

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DA-1

DRAINAGE AREA BOUNDARY

EXISTING DRAINAGE FLOW

EXISTING HIGH POINT

EXISTING LOW POINT

DROP INLET

STORM SEWER MANHOLE

RCP

HEADWALL STRUCTURE

DRAINAGE AREA

100 YEAR STORM CALCULATIONS FOR WATERSHED AREAS					
DRAINAGE AREA NO. (1)	DRAINAGE AREA (AC) (2)	DESIGN STORM INTENSITY (1100) (3)	TIME OF CONCENTRATION (4)	RUNOFF COEFF. (C) (5)	Q100 (CFS) (6)
DA-1	31.99	2.86	27.84	0.71	64.96

REFERENCE: CITY OF EL PASO SUBDIVISION STANDARDS (JUNE 2008)

(1) WATERSHED AREA IDENTIFICATION

(2) AREA FROM DRAINAGE PLAN

(3) RAINFALL INTENSITY, 100 YEAR STORM => CENTRAL INTENSITY EQUATIONS (4-7)

$I_{100} = \frac{111.04}{(T_c + 26.090)^{0.9177}}$ EQUATION 4-25

(4) TIME OF CONCENTRATION: $T_C = T \text{ (OVERLAND)} + T \text{ (GUTTER)}$

(5) TABLE 4-5: RATIONAL METHOD DEVELOPED CONDITION COEFFICIENT (100yr C) SINGLE FAMILY RESIDENTIAL = 0.70 PAVEMENT AND ROOFTOPS = 0.95

(6) $Q_{100} = C \times A \times I_{100}$

C= RATIONAL COEFFICIENT

A= COMPUTED CONTRIBUTING WATERSHEDS AREA, ACRES

I= RAINFALL INTENSITY, INCH PER HOUR

DROP INLETS									
NO.	EXPECTED FLOW Qexp. (CFS)	ADDITIONAL FLOW Qadd (CFS) FROM INLET #	CROWN Q OVERTOP (CFS)	Q REQUIRED Qactual (CFS)	AVAIL. FLOW CAPACITY Q AVAIL. (CFS)	FLOW BYPASS Qbyp (CFS) TO INLET #	# OF GRATES	TYPE OF INLET	INLET LOCATION
EX-1	23.33	0	0	23.33	76.549	0	8	III	ON SUMP

AVAILABLE FLOW CAPACITY SHOWN AT ON-GRADE INLETS REFLECT CAPACITIES WITH INLET GRATE EFFICIENCIES.

FLUME CALCULATIONS					
FLUME NO.	Q100 EXPECTED (CFS)	Q CAPACITY (CFS)	DEPTH (FT.)	SLOPE	n VALUE
1	23.33	70.00	0.35-3.25	0.30%	0.013
2	23.33	70.00	0.56-3.25	0.30%	0.013

INSET "A"
SCALE: 1" = 20'

DRAINAGE PLAN

SCALE: 1" = 150'

GRAPHIC SCALE

150

0

75

150

300

(IN FEET)
1 inch = 150 ft.

813 N. Kansas St.
Suite 300
El Paso, TX 79902
915.544.5232
www.ceagroup.net

TEXAS REGISTERED ENGINEERING FIRM F-4564

ENGINEER'S SEAL

SCALE: 1" = 150'

Horizontal: N/A
Vertical: N/A
Contour Interval: N/A

DATE: APRIL 2023
DESIGN BY: A.D.H.
DRAWN BY: A.D.H./K.A.P.
CHKD. BY: J.L.A.
APPVD. BY: J.L.A.
JOB NO.: 0001-100

PROJECT TITLE

PALOMINO-LARAMIE INTERSECTION
DRAINAGE IMPROVEMENTS

SHEET TITLE

DRAINAGE PLAN

SHEET NO.

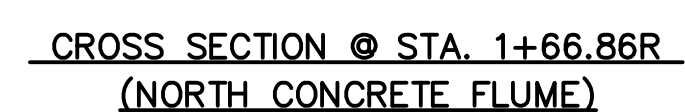
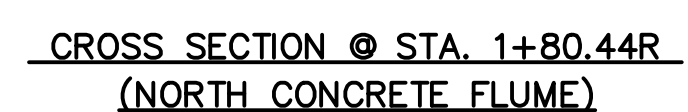
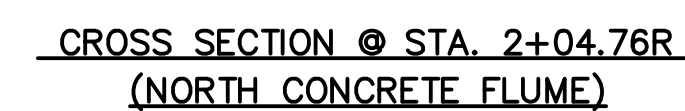
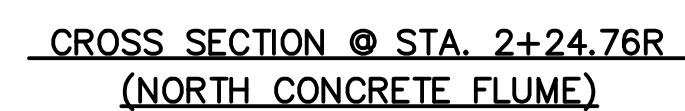
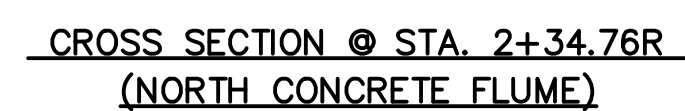
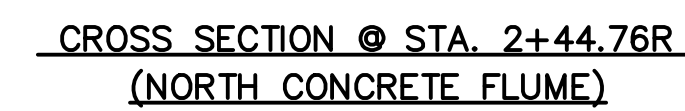
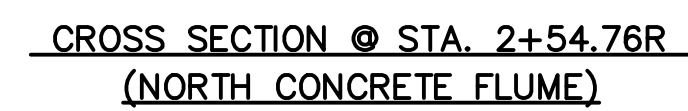
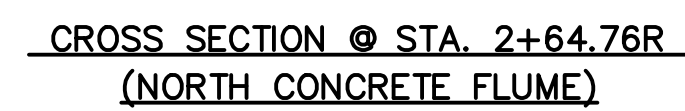
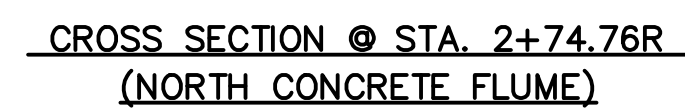
C5.1



REFER TO DETAILS FOR ADDITIONAL
INFORMATION ON IMPROVEMENTS.

**WARNING !
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CALL 811**

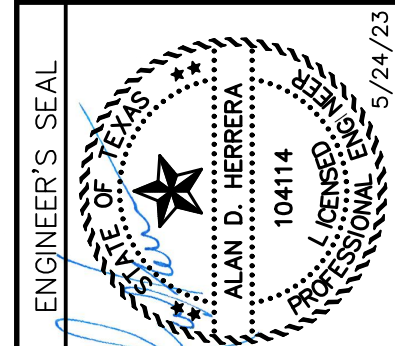
REFERENCES	BENCHMARKS
CITY MONUMENT LOCATED AT THE CENTERLINE INTERSECTION OF CLYDESDALE DRIVE AND PALOMINO STREET	
ELEVATION:	3939.53' (NAVD 88 SHOWN) 3928.24' (E.P.V.D.)
DATE	REVISIONS
BY	



cea
group

813 N. Kansas St.
Suite 300
El Paso, TX 79902
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TEXAS REGISTERED ENGINEERING FIRM F-4564



SCALE	
Horizontal: 1" = 1'-0"	
Vertical: 1" = 1'-0"	
Contour Interval: N/A	
DATE: APRIL 2023	
DESIGN BY: A.D.H.	
DRAWN BY: A.D.H./K.A.P.	
CHKD. BY: J.L.A.	
APPVD. BY: J.L.A.	
JOB No. 0001-100	

PROJECT TITLE
PALOMINO—LARAMIE INTERSECTION
DRAINAGE IMPROVEMENTS

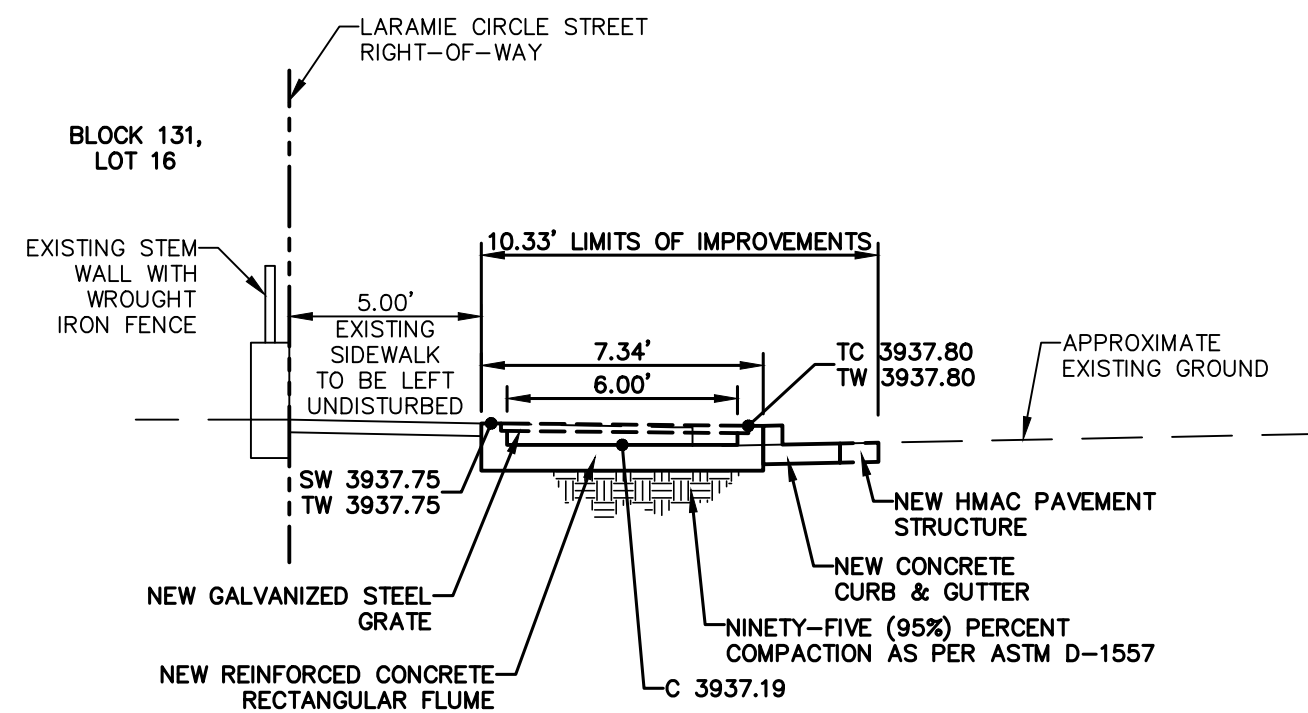
SHEET TITLE	
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GRADING SECTIONS

(SHEET 1 OF 2)

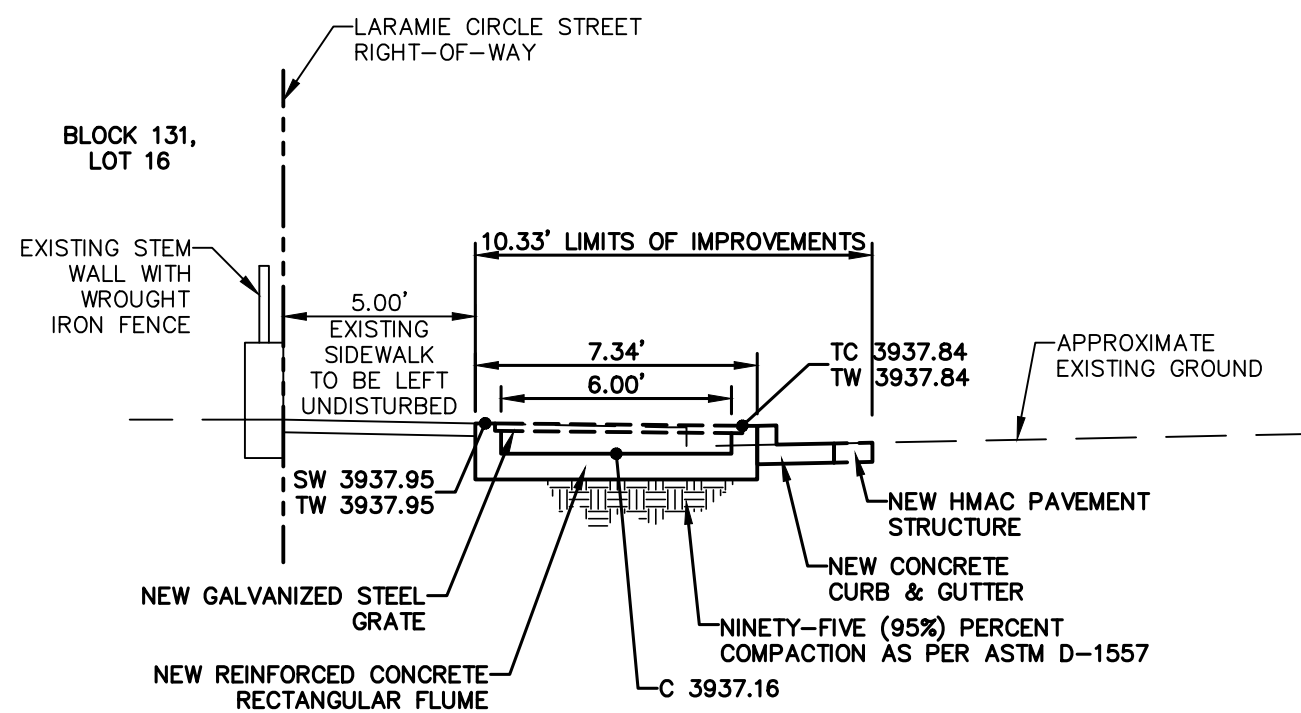
SHEET NO.

C6.1



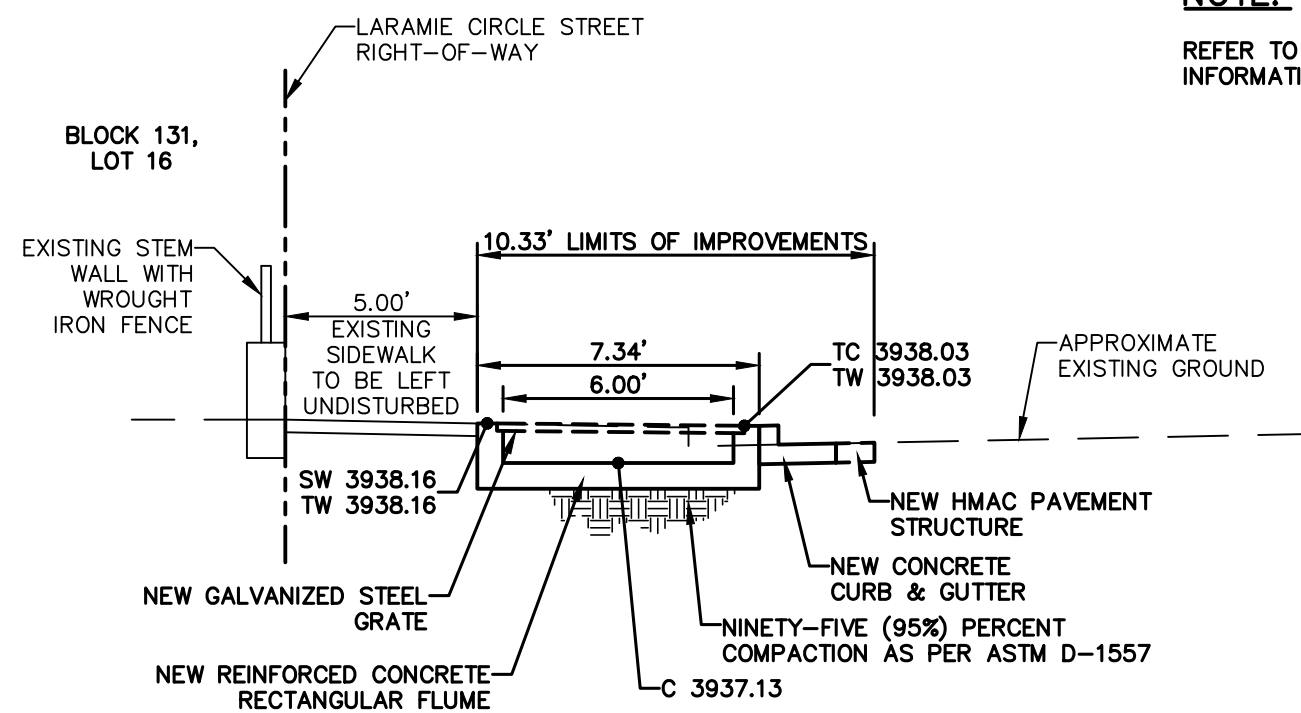
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Qocp=12.75 CFS
HGL=3939.00

CROSS SECTION @ STA. 2+75.20L
(SOUTH CONCRETE FLUME)



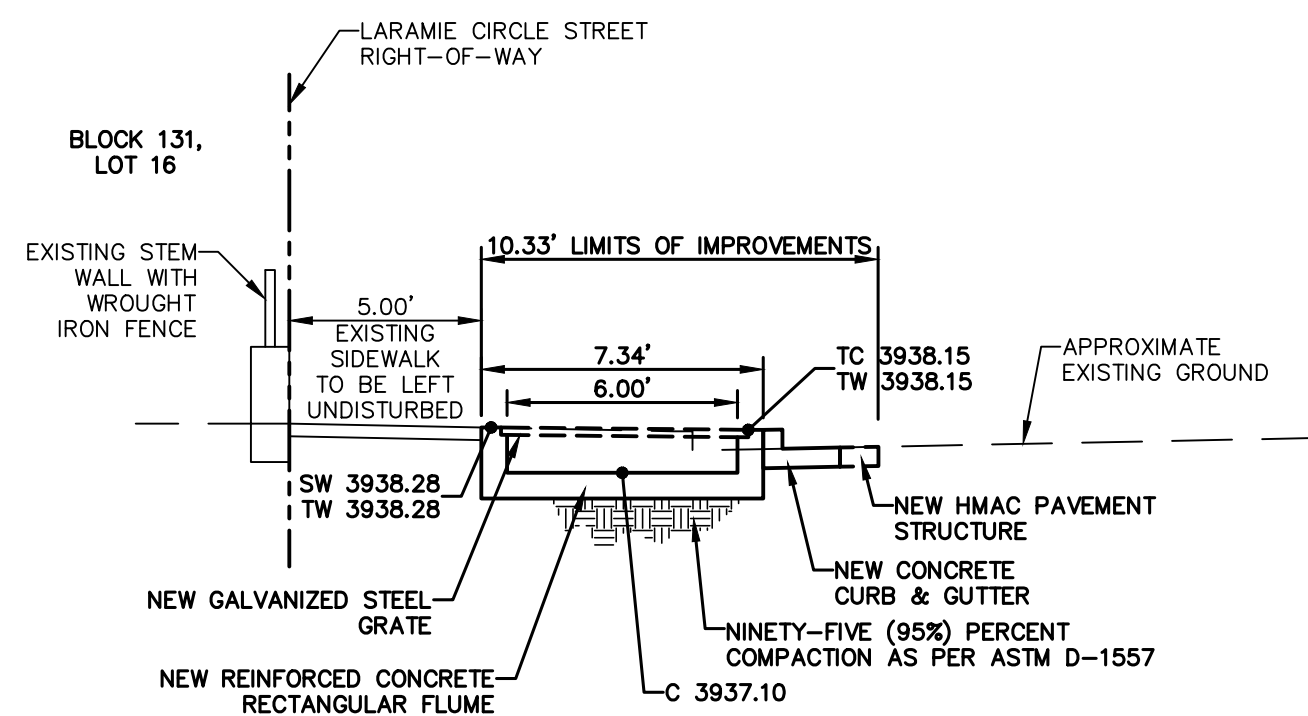
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CROSS SECTION @ STA. 2+65.20L
(SOUTH CONCRETE FLUME)



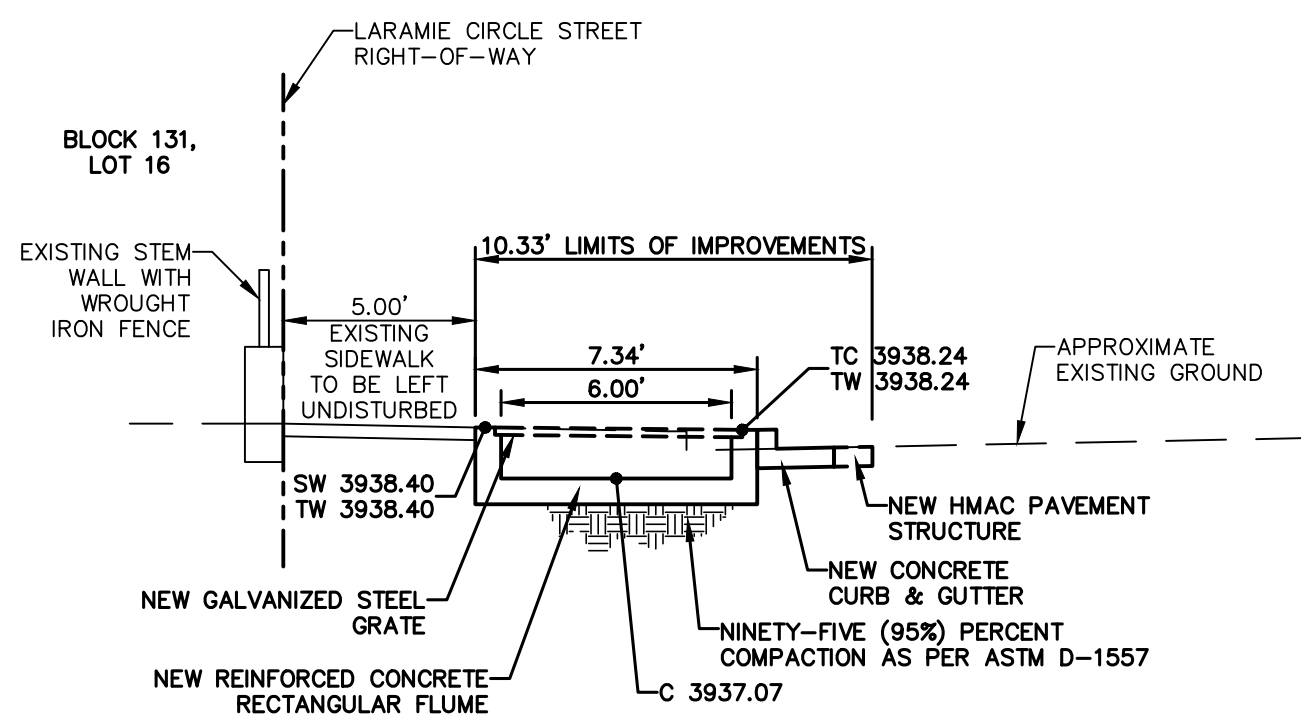
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HGL=3938.99

CROSS SECTION @ STA. 2+55.20L
(SOUTH CONCRETE FLUME)



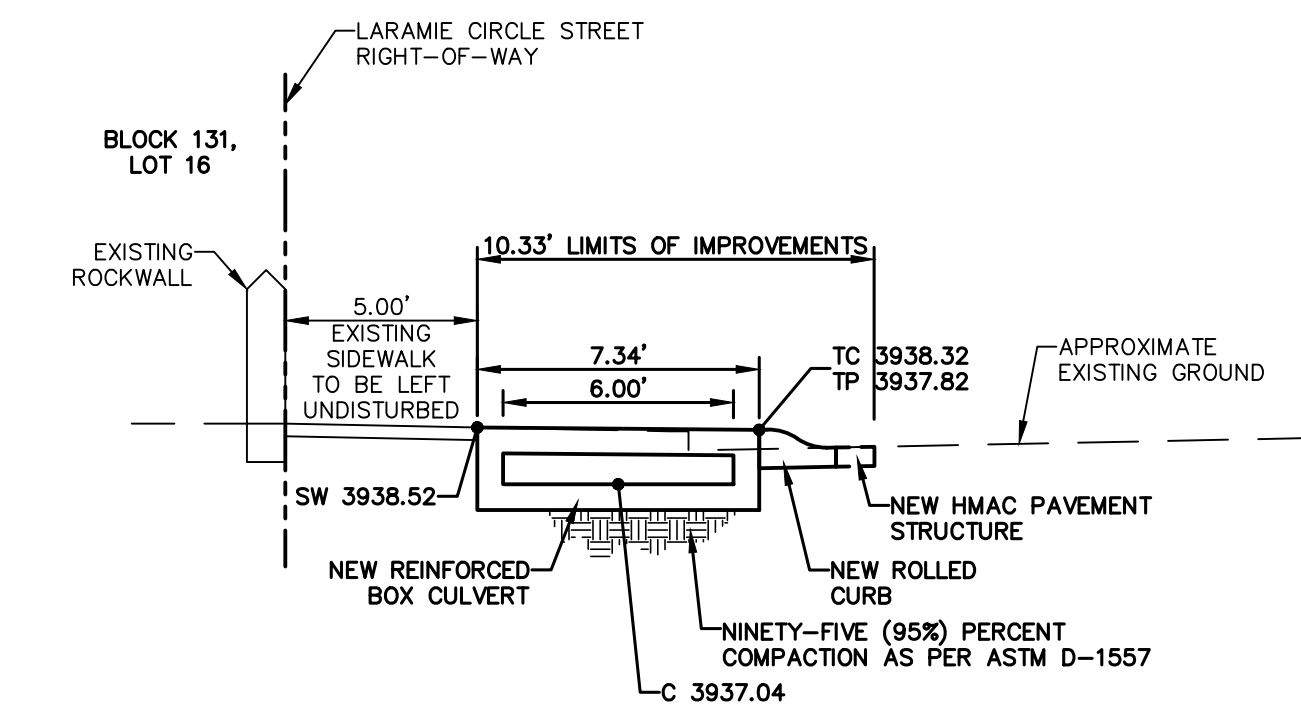
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Qocp=33.36 CFS
HGL=3938.99

CROSS SECTION @ STA. 2+45.20L
(SOUTH CONCRETE FLUME)



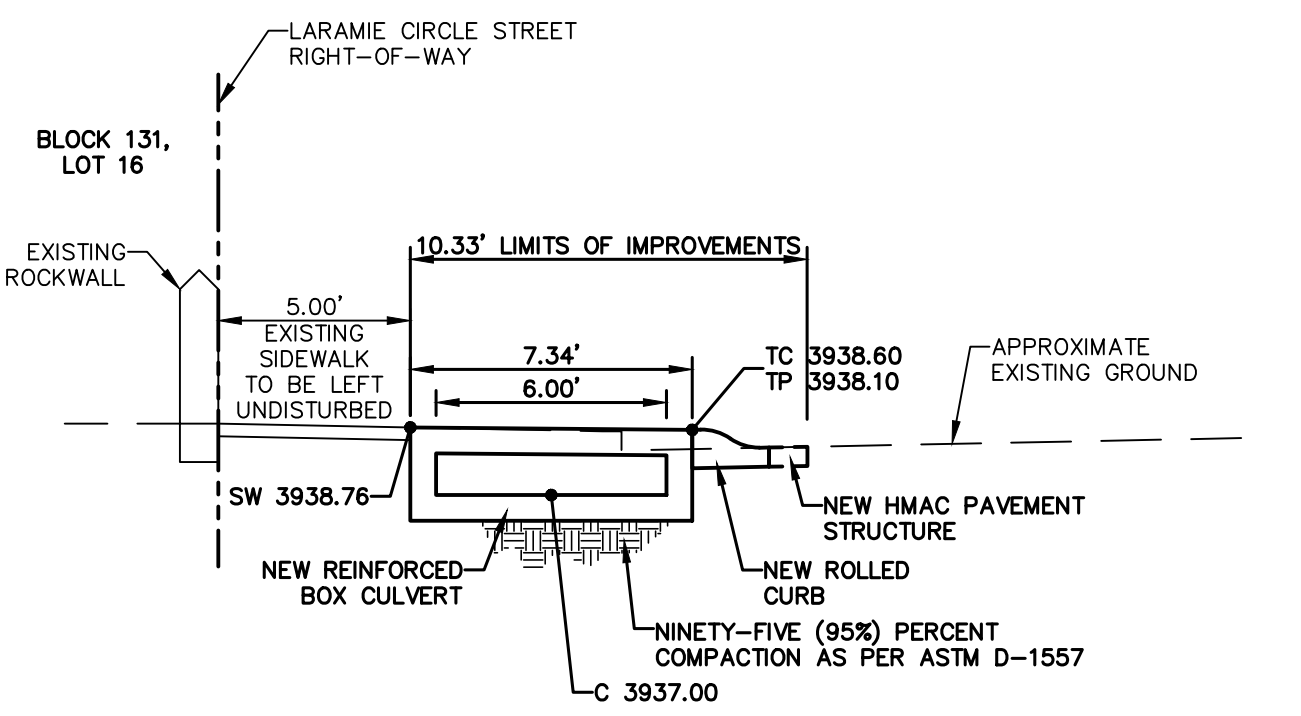
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CROSS SECTION @ STA. 2+35.20L
(SOUTH CONCRETE FLUME)



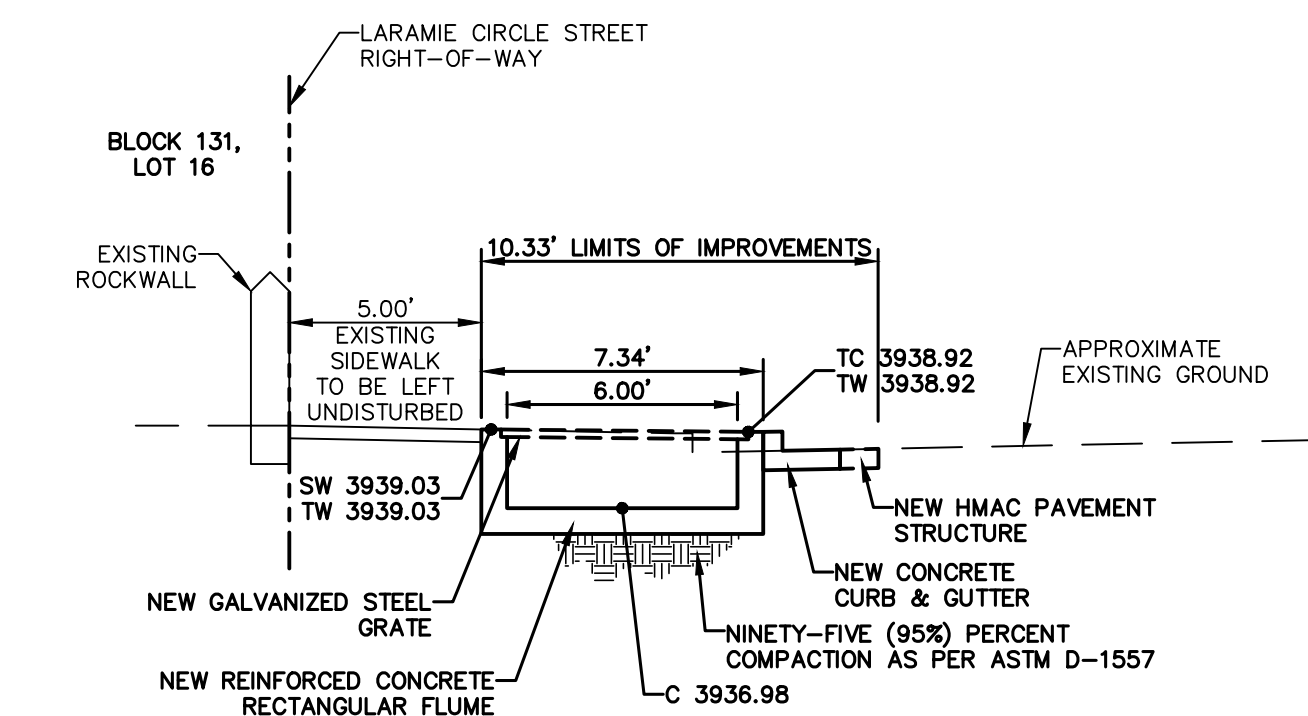
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CROSS SECTION @ STA. 2+25.18L
(SOUTH CONCRETE FLUME)



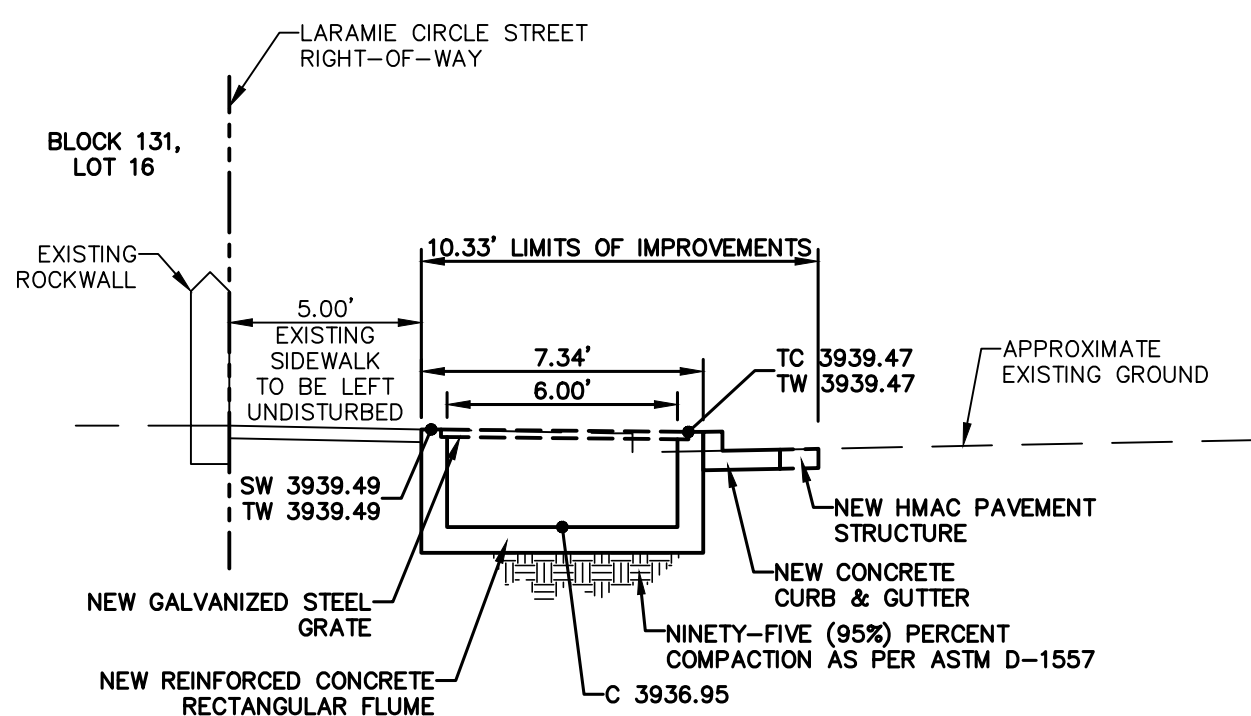
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CROSS SECTION @ STA. 2+10.74L
(SOUTH CONCRETE FLUME)



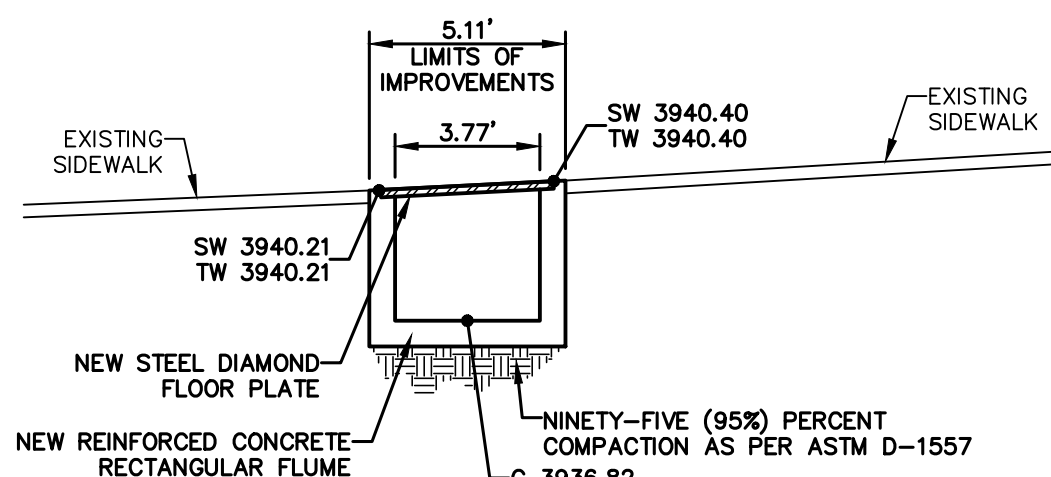
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CROSS SECTION @ STA. 2+05.18L
(SOUTH CONCRETE FLUME)



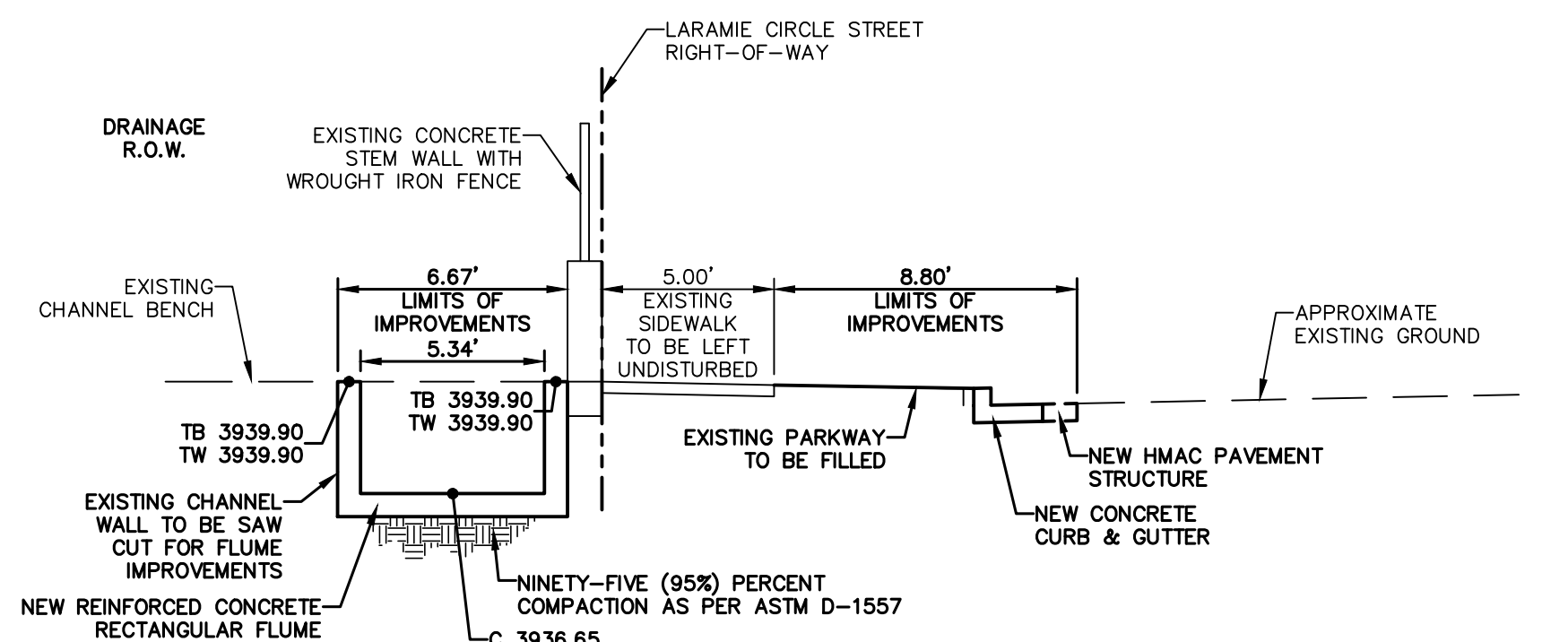
Qexp=32.48 CFS
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HGL=3938.84

CROSS SECTION @ STA. 1+95.18L
(SOUTH CONCRETE FLUME)



Qexp=32.48 CFS
Qocp=173.58 CFS
HGL=3938.43

CROSS SECTION @ STA. 1+80.69L
(SOUTH CONCRETE FLUME)



Qexp=32.48 CFS
Qocp=164.21 CFS
HGL=3938.16

CROSS SECTION @ STA. 1+67.51L
(SOUTH CONCRETE FLUME)

NOTE:
REFER TO DETAILS FOR ADDITIONAL
INFORMATION ON IMPROVEMENTS.

UTILITY LOCATOR SERVICES

EL PASO ELECTRIC COMPANY	(915) 543-5720
EL PASO ENERGY CORPORATION	(915) 496-5244
EL PASO WATER UTILITIES	(915) 594-5500
MCI SURVEILLANCE	(800) MCI-WORK
TIME WARNER COMMUNICATIONS	(915) 772-1123
TEXAS GAS SERVICE	(915) 680-7200
SBC	(800) 945-6005
AT&T	(800) 852-3786
U.S. SPRINT TELECOMM	(800) 521-0579

WARNING!
BEFORE YOU DIG
CALL 811
FOR FIELD LOCATING EXISTING UTILITIES

REFERENCES - BENCHMARKS	BY
CITY MONUMENT LOCATED AT THE CENTERLINE INTERSECTION OF CLOVESDALE DRIVE AND PALOMINO STREET	DATE
ELEVATION: 3939.83' (HAND 88 SHOWN) 3938.24' (E.P.V.D.)	REVISIONS

813 N. Kansas St.
Suite 300
El Paso, TX 79902
915.544.5232
www.ceagroup.net

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TEXAS REGISTERED ENGINEERING FIRM F-4564

ENGINEER'S SEAL
SCALE: Horizontal: 1" = 1'-0"
Vertical: 1" = 1'-0"
Contour Interval: N/A
DATE: APRIL 2023
DESIGN BY: A.D.H.
DRAWN BY: A.D.H./K.A.P.
CHKD. BY: J.L.A.
APPD. BY: J.L.A.
JOB NO.: 0001-100

PROJECT TITLE
PALOMINO-LARAMIE INTERSECTION
DRAINAGE IMPROVEMENTS

SHEET TITLE

GRADING
SECTIONS

(SHEET 2 OF 2)

SHEET NO.

C6.2

DEMOLITION NOTES

1. ADJUST ALL UTILITY MANHOLES, VALVE COVERS, AND FIRE HYDRANTS TO MATCH PROPOSED GROUND AND PAVEMENT ELEVATIONS. COORDINATE WITH THE AFFECTED UTILITY COMPANY, PRIOR TO CONSTRUCTION, TO ENSURE COMPLIANCE WITH THE UTILITY STANDARDS.
2. ALL UNDERGROUND UTILITIES SHALL MAINTAIN EIGHTEEN (18") INCHES OF COVER DURING CONSTRUCTION.
3. INSTALL TEMPORARY TRAFFIC SIGNAGE.
4. ALL AERIAL TELEPHONE, TRIPLEX, CONDUCTORS, CABLE, ETC. SHALL REMAIN UNDISTURBED, UNLESS OTHERWISE NOTED. COORDINATE WITH APPROPRIATE UTILITY COMPANY IF ANY ADJUSTMENTS ARE REQUIRED.
5. MAINTAIN ALL WORK WITHIN PROJECT LIMITS. INTERSECTING STREETS SHALL BE ADJUSTED TO MATCH IMPROVEMENTS.
6. SAW CUT ASPHALT PAVEMENT AND SITE CONCRETE AT PROJECT LIMITS, OR TO NEAREST JOINT.
7. COORDINATE WITH ADJACENT PROPERTY OWNERS FOR ROCKWALL REMOVAL AND RECONSTRUCTION OF NEW ROCKWALL/RETAINING WALL.
8. CAP, PLUG, RELOCATE AND RECONNECT IRRIGATION LINES AND RELATED APPURTENANCE WITHIN THE PARKWAY IN LARAMIE CIRCLE. REMOVE AND PROPERLY DISPOSE OFF OF ANY LANDSCAPING TREES/BUSHES IN THE PARKWAY. REPLACE AT THE END OF THE PROJECT.
9. DEMOLITION ACTIVITIES SHALL BE KEPT TO THE LIMITS OF DEMOLITION SHOWN AND TO BE WITHIN STREET RIGHT-OF-WAY. ANY DAMAGE DONE OUTSIDE RIGHT-OF-WAY SHALL BE REPAIRED AT ORIGINAL CONDITION OR BETTER.
10. DEMOLITION ACTIVITIES WITHIN CHANNEL SHALL BE TO NEAREST CONSTRUCTION JOINT. ANY DAMAGE DONE BEYOND LIMITS SHALL BE REPAIRED AT ORIGINAL CONDITION OR BETTER.
11. EPWATER SHALL BE NOTIFIED ONE (1) WEEK PRIOR TO COMMENCING DEMOLITION CONSTRUCTION ACTIVITIES AT CHANNEL.

UTILITY LOCATOR SERVICES

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TIME WARNER COMMUNICATIONS	(915) 772-1123
TEXAS GAS SERVICE	(915) 680-7200
SBC	(800) 945-6005
AT&T	(800) 852-3786
U.S. SPRINT TELECOMM	(800) 521-0579

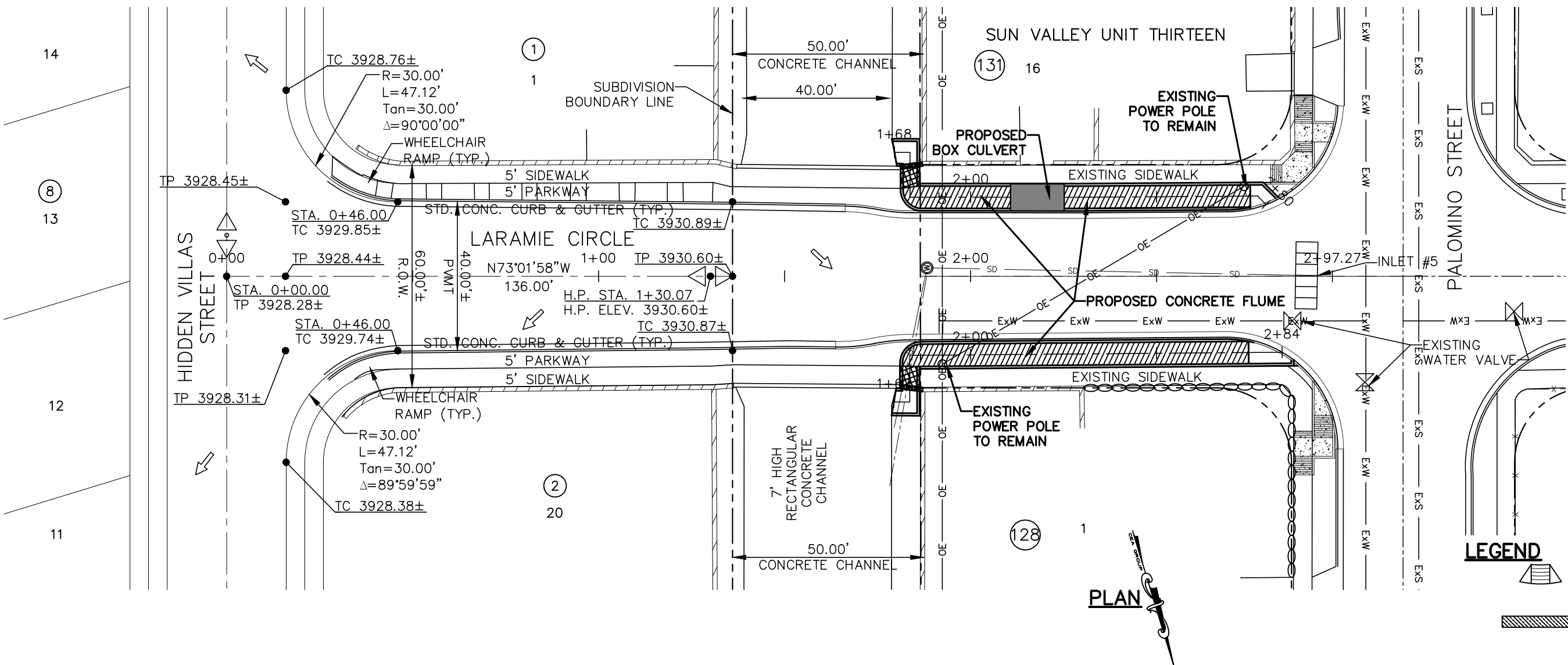
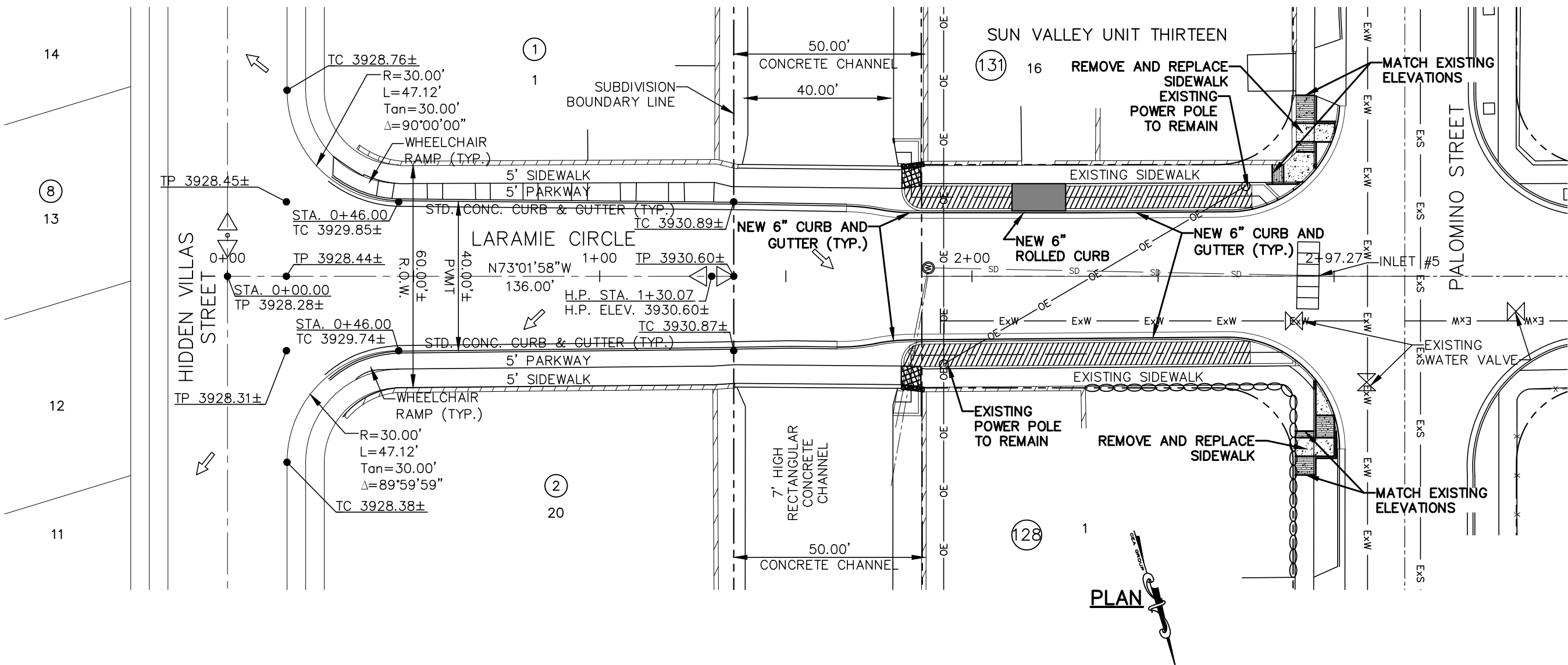
WARNING!
BEFORE YOU DIG
CALL 811

FOR FIELD LOCATING EXISTING UTILITIES

REFERENCES — BENCHMARKS

CITY MONUMENT LOCATED AT THE CENTERLINE
INTERSECTION OF CLOVESDALE DRIVE AND PALOMINO
STREET
ELEVATION: 3928.24' (E.P.V.D. SHOWN)

DATE: _____ BY: _____
REVISIONS



WHEELCHAIR RAMP

PVI ELEVATIONS ARE SHOWN AT T.O.P. OF CURB. REFER TO PLAN VIEW FOR TOP OF PAVEMENT ELEVATIONS.

ENGINEER'S SEAL



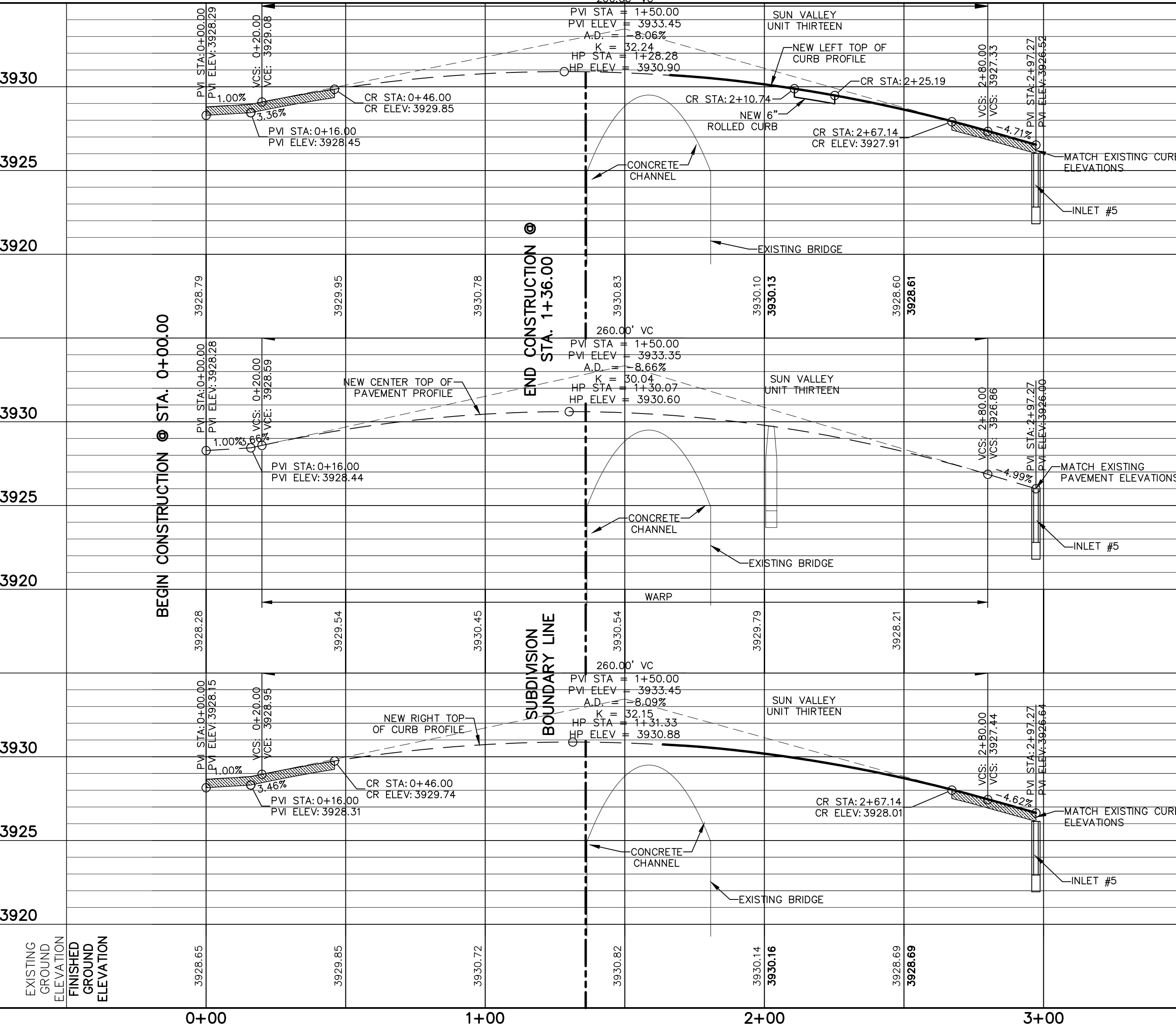
SCALE: 1"=30'

Horizontal: 1"=5'
Vertical: Contour Interval: N/A
DATE: FEB 2023
DESIGN BY: ADH
DRAWN BY: ADH
CHKD BY: JLA
APPD BY: JLA
JOB No.: XXXX-XXX

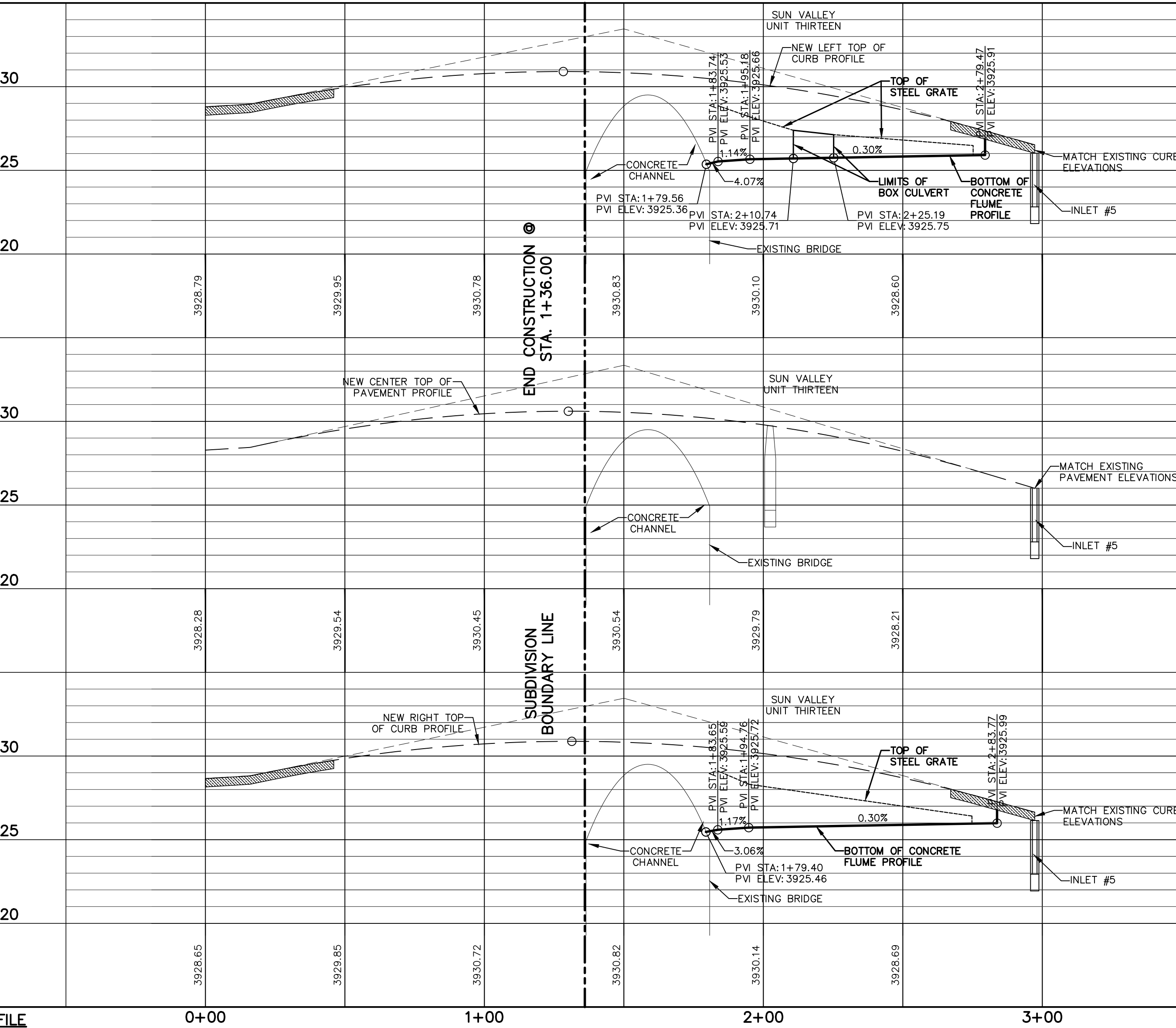
PROJECT TITLE
PALOMINO—LARAMIE INTERSECTION

SHEET TITLE
**LARAMIE CIRCLE
PLAN & PROFILE
FROM STA. 0+00.00
TO STA. 2+97.27**
**CONCRETE FLUME
PLAN & PROFILE
FROM STA. 1+79.40
TO STA. 2+83.77**
SHEET NO.

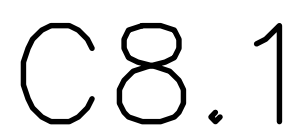
C7.1

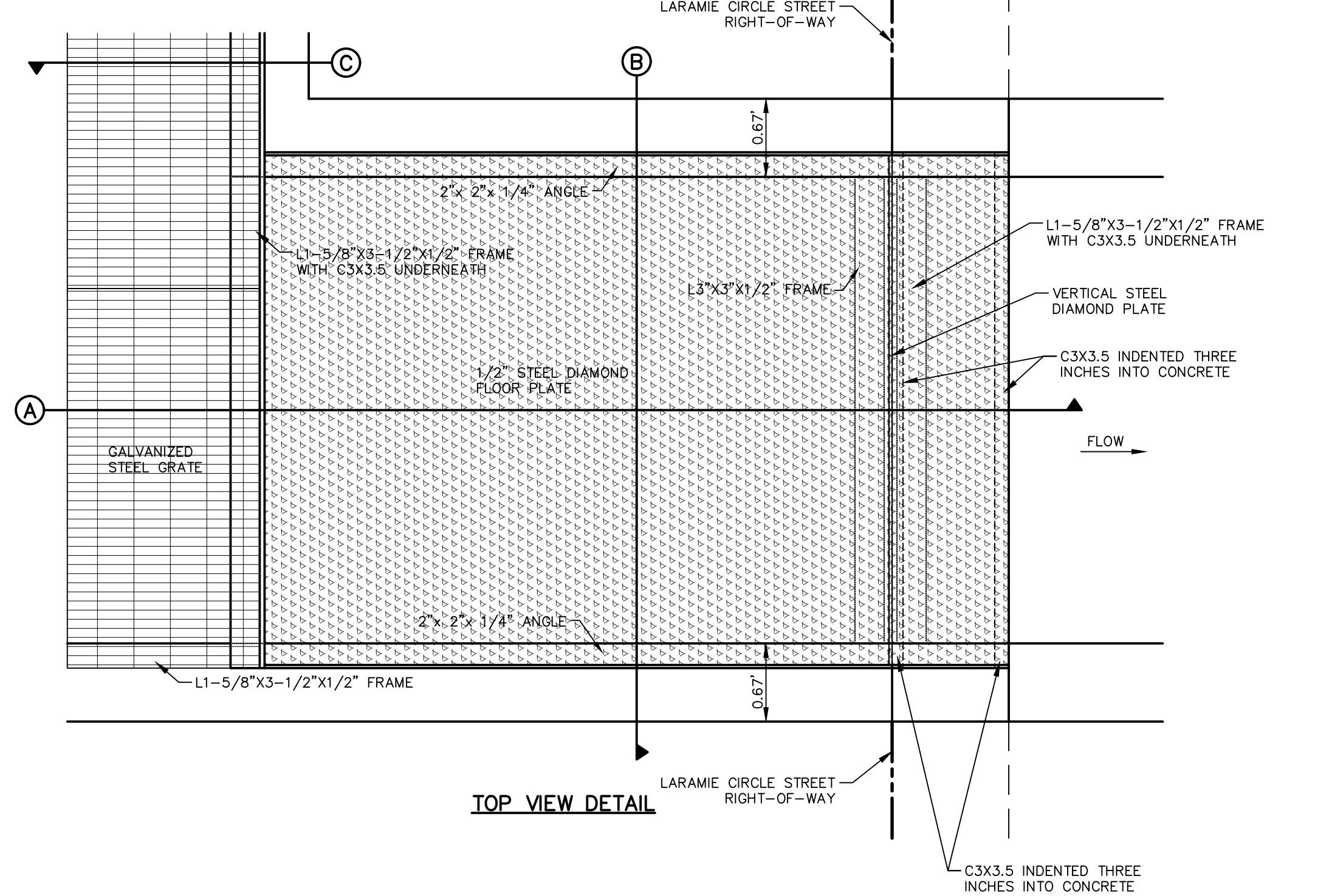
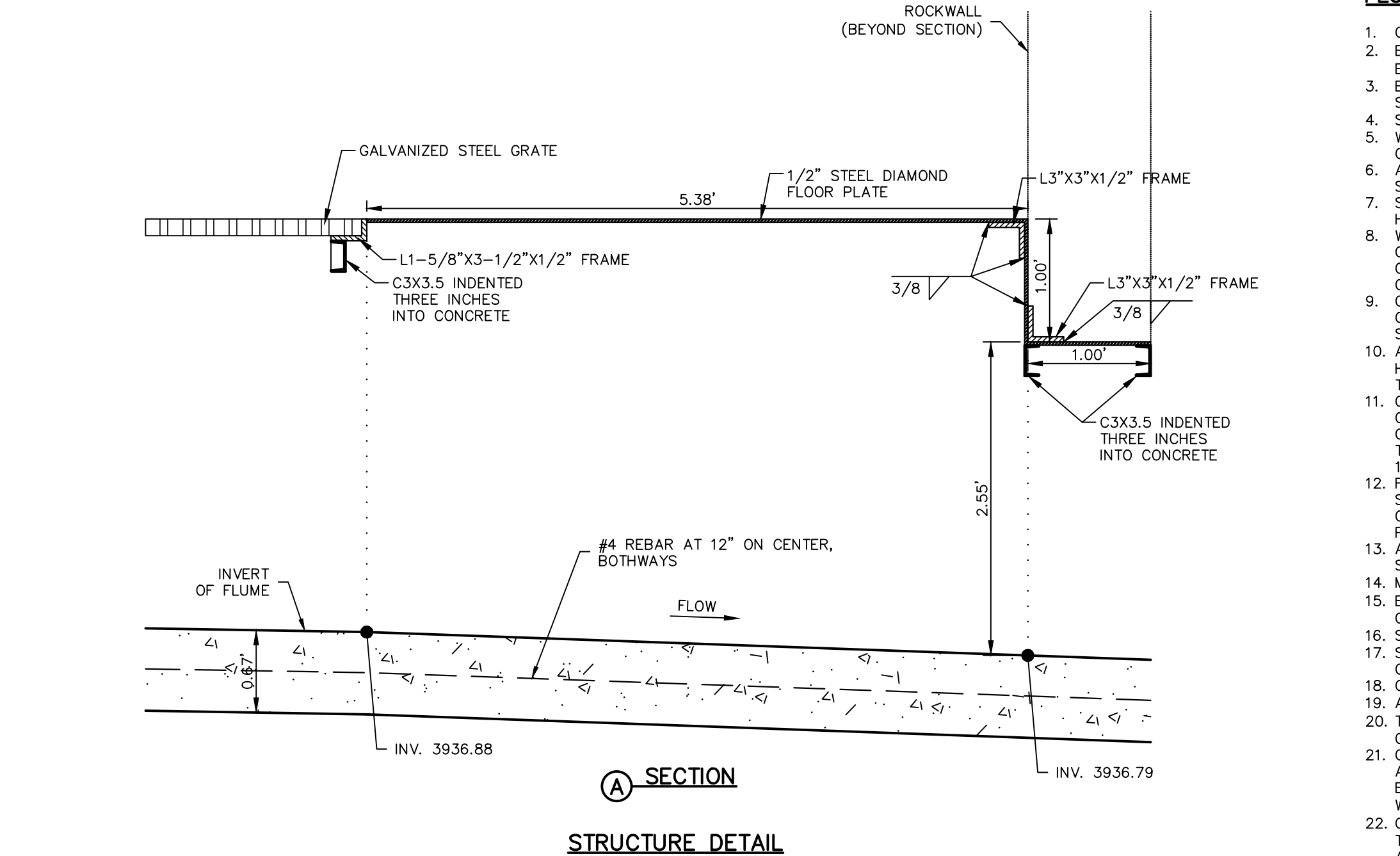
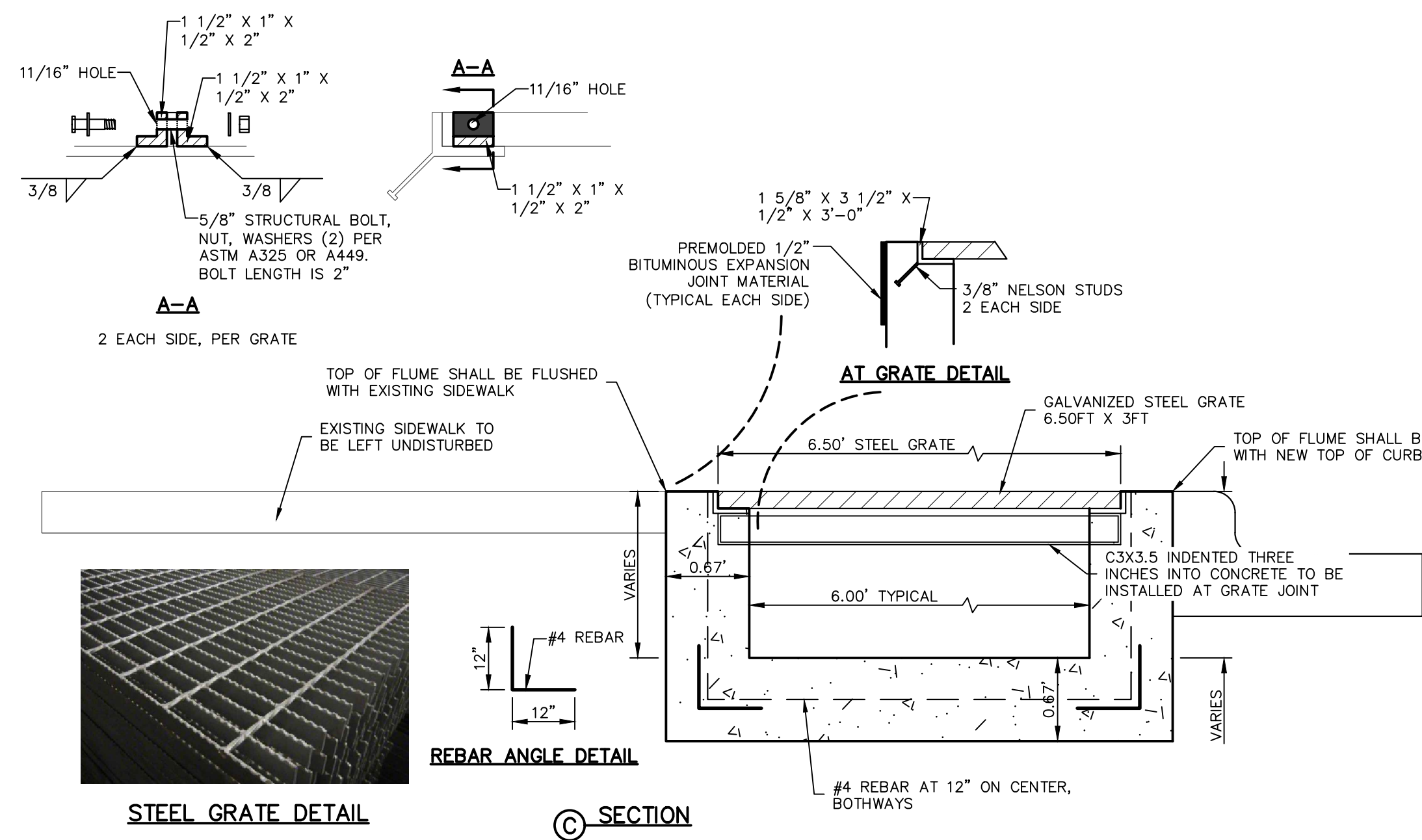


PROFILE



3920

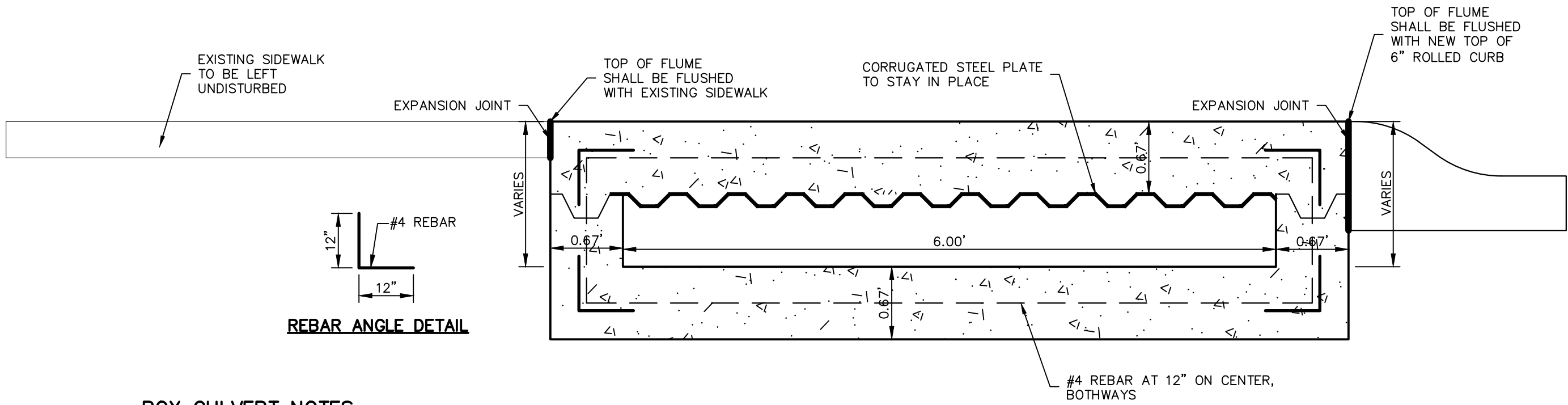




FLUME NOTES:

1. CONCRETE FLUME SHALL BE 3,000 P.S.I. AT TWENTY EIGHT (28) DAYS.
2. EXPANSION JOINTS SHALL BE AT TWENTY (20) FEET ON CENTER MAXIMUM, USE 1/2" PREMOLDED BITUMINOUS EXPANSION JOINTS (AASHTO M-33).
3. EXPANSION JOINT FILLER SHALL BE PLACED WHEREVER SIDEWALK ABUTS ROCK OR MASONRY STRUCTURES SUCH AS CURBS OR BUILDINGS.
4. SUBGRADE TO BE COMPACTED TO NINETY-FIVE (95%) PERCENT ASTM D1557.
5. WELDED STEEL OR CAST GRATES AS DETAILED ARE ALL ACCEPTABLE GRATES. MIXING OF ALTERNATE TYPES OF GRATES ON THE SAME PROJECT WILL BE PERMITTED WITH THE APPROVAL OF THE ENGINEER.
6. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CURRENT STANDARD SPECIFICATIONS.
7. SHARP EDGES RESULTING FROM FABRICATION SHALL BE DULLED BY ANY ACCEPTABLE METHOD FOR SAFETY IN HANDLING.
8. WELDED GRATES SHALL BE STRUCTURAL STEEL CONFORMING TO THE REQUIREMENTS OF AASHTO M-183 OR OF CORROSION RESISTANT STRUCTURAL STEEL CONFORMING TO THE REQUIREMENTS OF AASHTO M-161 OR M-222 OR BE MADE OF OTHER APPROVED STEELS OF EQUAL QUALITY. MIXING GRADES OF STEEL ON THE SAME GRATE WILL NOT BE PERMITTED.
9. GRATES MADE OF M-183 STEEL SHALL BE GALVANIZED IN ACCORDANCE WITH AASHTO M-111 SPECIFICATIONS OR SHALL BE PAINTED WITH INORGANIC ZINC PAINTS, MEETING THE REQUIREMENTS OF CURRENT STANDARD SPECIFICATIONS.
10. ALL WELDS SHALL HAVE A MINIMUM OF 1/4" FILLET AND SHALL CONFORM TO THE SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AND TO THE AWS STRUCTURAL WELDING CODE. ELECTRODES SHALL BE COMPATIBLE TO THE DIFFERENT GRADES OF STEEL THAT COMPRISE THE GRATE MEMBERS.
11. CAST GRATES SHALL BE CAST STEEL CONFORMING TO THE REQUIREMENTS OF AASHTO M-103, GRADE 65-35 OR OF DUCTILE IRON CONFORMING TO THE REQUIREMENTS OF ASTM A-536, SPECIAL GRADE 60-45, OR OF GRAY IRON CONFORMING TO THE REQUIREMENTS OF AASHTO M-105, CLASS 35B OR ASTM A-48 CLASS 35B. THE SPECIFICATIONS OF GENERAL APPLICATION FOR CAST STEEL GRATES SHALL BE AASHTO M-103 SCOPE 1.2.1, GRADE N-1.
12. FERROUS CASTINGS SHALL BE OF UNIFORM QUALITY, FREE OF BLOWHOLES, POROSITY, HARD SPOTS, SHRINKAGE DISTORTION OR OTHER DEFECTS. THEY SHALL BE SMOOTH AND WELL CLEANED BY SHOT BLASTING OR OTHER APPROVED CLEANING METHOD. AFTER CLEANING THEY SHALL BE COATED WITH ASPHALT BASE PAINT RESULTING IN A SMOOTH COATING, TOUGH AND TENACIOUS WHEN COLD, NOT TACKY OR BRITTLE.
13. ALL CASTING SHALL BE MANUFACTURED TRUE TO PATTERN. COMPONENT PARTS SHALL FIT TOGETHER IN A SATISFACTORY MANNER.
14. MINIMUM CONCRETE COVER SHALL BE 1 1/2" FOR STEEL REINFORCING.
15. EXPANSION MATERIAL TO BE 1/2" BITUMINOUS FIBER AND PLACED WHERE PROPOSED CONCRETE COMES IN CONTACT WITH ANY EXISTING OR PROPOSED CONCRETE OR MASONRY STRUCTURE.
16. STRUCTURAL STEEL SHALL BE SHOP PAINTED IN ACCORDANCE WITH TxDOT ITEM 446 "PAINT AND PAINTING"
17. SURFACE OF ALL EXPOSED CONCRETE SHALL CONFORM IN SLOPE AND GRADE TO EXISTING OR PROPOSED CURB AND WALK ADJACENT TO INLETS.
18. GRATES WILL BE FLUSHED WITH PROPOSED OR EXISTING GRADE.
19. ALL REINFORCING BARS TO BE #3 BARS AT 12" ON CENTER GRADE 60.
20. TWO 3/8"x4" LONG CONCRETE ANCHOR STUDS REQUIRED FOR EACH SIDE OF FRAME, WHERE RESTING ON CONCRETE, USE NELSON STUDS OR EQUAL.
21. GRATE TO BE GALVANIZED STEEL WITH SERRATED SURFACE TEXTURE. GRATES SHALL BE ANTI SLIP. GRATES ARE TO BE WELL WELDED, IF REQUIRED, OWNER MAY REQUEST WELDING CERTIFICATES. THE GRATES ARE TO BE CAPABLE OF WITHSTANDING UNIFORM LOADS OF 100 P.S.F. OR CONCENTRATED LOADS OF 300 LBF, WHICHEVER PRODUCES THE GREATER STRESS. LIMIT DEFLECTION TO L/240 OR 1/4 INCH, WHICHEVER IS LESS.
22. GRATES ARE DESIGNED WITH AN APPROXIMATE THICKNESS OF AN INCH AND A HALF (1-1/2"), IN THE EVENT THE GRATE IS NOT THIS APPROXIMATE THICKNESS, ANGLE SUPPORT SHALL BE ADJUSTED TO PROVIDE A SAFE AND FLUSHED ACCESSIBLE PATH.

1 REINFORCED CONCRETE FLUME DETAIL
SCALE: N.T.S.



BOX CULVERT NOTES:

1. CONCRETE SHALL BE 3,000 P.S.I. AT 28 DAYS.
2. DUMMY JOINTS REQUIRED AT 5' O.C.
3. EXPANSION JOINTS SHALL BE AT 20' O.C. MAXIMUM, USE 1/2" PREMOLDED BITUMINOUS EXPANSION JOINTS (AASHTO M-33)
4. EXPANSION JOINT FILLER SHALL BE PLACED WHEREVER BOX CULVERT ABUTS ROCK OR MASONRY STRUCTURES SUCH AS CURBS OR SIDEWALKS.
5. SUBGRADE TO BE COMPACTED TO 95% AS PER ASTM D1557.

	AT CURB	AT SIDEWALK
UPSTREAM — TOP OF CULVERT	3938.32	3938.43
UPSTREAM — INVERT OF CULVERT	3937.04	3937.04
DOWNSTREAM — TOP OF CULVERT	3938.69	3938.76
DOWNSTREAM — INVERT OF CULVERT	3937.00	3937.00

3 AT CAST-IN-PLACE REINFORCED BOX CULVERT DETAIL
SCALE: N.T.S.

UTILITY LOCATOR SERVICES

EL PASO ELECTRIC COMPANY	(915) 543-5720
EL PASO ENERGY CORPORATION	(915) 496-5244
EL PASO WATER UTILITIES	(915) 594-5500
MCI SURVEILLANCE	(800) MCI-WORK
TIME WARNER COMMUNICATIONS	(915) 772-1123
TEXAS GAS SERVICE	(915) 680-7200
SBC	(800) 945-6005
AT&T	(800) 852-3786
U.S. SPRINT TELECOMM	(800) 521-0579

WARNING!
BEFORE YOU DIG
CALL 811
FOR FIELD LOCATING EXISTING UTILITIES

REFERENCES — BENCHMARKS	
CITY MONUMENT LOCATED AT THE CENTER OF INTERSECTION OF CLODESDALE DRIVE AND PALOMINO STREET	
ELEVATION:	3939.63' (HAND 88 SHOWN) 3938.24' (E.P.V.O.)
DATE	
REVISIONS	
BY	

813 N. Kansas St.
Suite 300
El Paso, TX 79902
915.544.5292
www.ceagroup.net

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TEXAS REGISTERED ENGINEERING FIRM F-4564



SCALE	N/A
Horizontal:	N/A
Vertical:	N/A
Contour Interval:	N/A
DATE:	APRIL 2023
DESIGN BY:	A.D.H.
DRAWN BY:	A.D.H./K.A.P.
CHKD. BY:	J.L.A.
APPVD. BY:	J.L.A.
JOB No.	0001-100

PALOMINO—LARAME INTERSECTION

DRAINAGE IMPROVEMENTS

SHEET TITLE

STANDARD DETAILS

(SHEET 2 OF 3)

SHEET NO.

C8.2

PROJECT NAME AND LIMITS: PALOMINO-LARAMIE INTERSECTION DRAINAGE IMPROVEMENTS IS PART OF SUN VALLEY ADDITION UNIT THIRTEEN SUBDIVISION. IT IS BORDERED BY BLOCK 128 TO THE NORTH, HIDDEN VILLAGE UNIT ONE SUBDIVISION TO THE EAST, BLOCK 131 TO THE SOUTH AND BLOCK 121 AND BLOCK 122 TO THE WEST.

WEIGHTED RUNOFF COEFFICIENT
(AFTER CONSTRUCTION): 0.94

NAME OF RECEIVING WATERS: EXISTING RUNOFF WILL BE CAPTURED BY AN EXISTING INLET LOCATED AT THE INTERSECTION OF PALOMINO STREET AND LARAMIE CIRCLE AND TWO PROPOSED ON-SITE CONCRETE FLUMES

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTOR OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MADE THE SYSTEM, THESE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

DATE: _____

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTOR OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON WHO GATHERED THE INFORMATION, I BELIEVE THAT THESE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

DATE: _____

OTHER: _____

OTHER: _____

1. INSTALL TEMPORARY EROSION AND SEDIMENT CONTROLS (e.g. SILT FENCE AND/OR EARTHEN BERM, AND INLET PROTECTION) ;
2. PERFORM CLEARING AND GRUBBING;
3. CONSTRUCTION OF DRAINAGE IMPROVEMENTS; AND,
4. WHEN ALL CONSTRUCTION ACTIVITY RELATED IN DEVELOPMENT OF THE SITE IS COMPLETE, REMOVE TEMPORARY CONTROLS IN 1. ABOVE.

3. THE PLACEMENT OF SILT FENCE SHALL BE ADJUSTED AS NECESSARY TO PREVENT THE BLOCKING OF DRIVEWAYS OR DRIVING LANES.
4. THE SWPPP MANUAL IDENTIFIES THE DUTIES AND RESPONSIBILITIES OF THE GENERAL CONTRACTOR IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. THIS ITEM SHALL BE SUBSIDIARY TO THE SWPPP BEST MANAGEMENT PRACTICES (COMPLETE IN PLACE) ITEMS. THE SWPPP PROJECT MANUAL IS AVAILABLE FOR REVIEWING AT THE CITY OF EL PASO-ENGINEERING DEPARTMENT. UPON SELECTION, THE CONTRACTOR WILL BE PROVIDED AN SWPPP MANUAL. THE CONTRACTOR SHALL MAINTAIN THIS MANUAL AT THE CONSTRUCTION SITE AT ALL TIMES THROUGHOUT THE CONSTRUCTION PERIOD.
5. THE CONTRACTOR SHALL COMPLETE AND SUBMIT ALL REGULATORY FORMS AND APPLICATIONS, AS PROVIDED IN THE SWPPP MANUAL, INCLUDING, BUT NOT LIMITED TO; NOI, NOT, SDPCP, AND ANY OTHER FORM REQUIRED BY THE CITY OF EL PASO AND TCEQ.
6. ALLOWABLE STORM WATER AND NON-STORMWATER DISCHARGE SHALL COMPLY WITH 15.20.080 (GENERAL PROHIBITION) AND 15.20.090 (SPECIFIC PROHIBITIONS AND REQUIREMENTS) OF THE CITY OF EL PASO STORM DRAIN POLLUTION CONTROL PLAN ORDINANCE. NON-STORMWATER DISCHARGES MAY CONSIST OF, BUT ARE NOT LIMITED TO, THE DISCHARGE RESULTING FROM FIREFIGHTING, LAWN WATERING, LANDSCAPE IRRIGATION, NATURAL SPRING, AND/OR AGRICULTURAL STORM WATER RUNOFF.
7. REFER TO GRADING AND DRAINAGE PLAN, FOR DETAILED INFORMATION ON WATERSHED AREAS AND RUNOFF QUANTITIES (Q).
8. THE FOLLOWING HAVE BEEN IDENTIFIED AS POTENTIAL CONTAMINATION SOURCES: CLEARED AND GRADED AREAS; CONSTRUCTION SITE ENTRANCE AND ASPHALT PARKING AREA CONSTRUCTION; ASPHALT LOADING/UNLOADING AREAS; CONCRETE LOADING/UNLOADING AREAS; AND, ALL UNDISTURBED AREAS.
9. THE FOLLOWING IS A LIST OF POTENTIAL CONSTRUCTION SITE STORM WATER POLLUTANTS: ASPHALT; CONCRETE; GLUE/ADHESIVE; PAINTS; CURING COMPOUNDS; WASTEWATER FROM CONSTRUCTION EQUIPMENT WASHING; HYDRAULIC OIL/FLUIDS; GASOLINE; DIESEL FUEL; KEROSENE; ANTIFREEZE/COOLANT; AND EROSION.

1. STRUCTURAL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT IN EFFECTIVE OPERATING CONDITION.
2. DOCUMENTATION OF MAINTENANCE ACTIVITIES INCLUDING FREQUENCY, LOT DESIGNATION, INSPECTION OF STRUCTURAL CONTROLS, MATERIAL STORAGE AREAS, VEHICLES ENTRANCE, AND EXITS; ACTIONS TAKEN AND INSPECTOR'S NAME
3. CONSTRUCTION SITE NOTICE WILL BE MAINTAINED ON SITE
4. COPY OF SWPPP SHALL BE KEPT ON SITE
5. PERIMETER MUST RETAIN THE SWPS, NOI, AND INSPECTION LOG FOR A MINIMUM OF THREE (3) YEARS FROM THE TERMINATION AND FINAL STABILIZATION OF PROJECT

ALL WASTE MATERIALS, INCLUDING CONSTRUCTION DEBRIS, SHALL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. NO CONSTRUCTION WASTE MATERIAL SHALL BE BURIED ON SITE. THE TRANSIT DUMPSTER SHALL COMPLY WITH ORDINANCE 18.52.010 (ENCLOSURE AND REMOVAL OF WASTE MATERIALS DURING CONSTRUCTION). THE DUMPSTER SHALL BE EMPTIED AS NECESSARY OR AS REQUIRED BY ORDINANCE 9.04 (SOLID WASTE MANAGEMENT) AND THE TRASH SHALL BE HAULED TO A LICENSED LANDFILL.

AT A MINIMUM, ANY PRODUCTS IN THE FOLLOWING CATEGORIES SHALL BE CONSIDERED HAZARDOUS:
PAINT, ACIDS FOR CLEANING MASONRY SURFACES, CLEANING SOLVENTS, ASPHALT PRODUCTS, CHEMICAL
ADDITIVES FOR SPILL STABILIZATION, CURING COMPOUNDS AND ADDITIVES. IN THE EVENT OF A
SPILL WHICH MAY BE HAZARDOUS, THE CONTRACTOR SHALL TAKE IMMEDIATE ACTION AND CONTACT
THE FIRE DEPT. AND TNRC.

ALL SANITARY WASTE SHALL BE COLLECTED FROM THE CONSTRUCTION PORTABLE UNITS AS NECESSARY OR AS REQUIRED, CHAPTER 18.08 (BUILDING CODE), BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR. ALL WASTE MATERIAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

THE FOLLOWING PRACTICES SHALL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURES OF MATERIALS TO STORM WATER RUNOFF.

- A. STORE ONLY ENOUGH PRODUCTS REQUIRED TO DO THE JOB
- B. NEATLY STORE MATERIALS ON-SITE IN AN ORDERLY MANNER
- C. KEEP PRODUCTS IN THEIR ORIGINAL CONTAINER
- D. DO NOT MIX SUBSTANCES WITH ONE ANOTHER, UNLESS OTHERWISE RECOMMENDED BY THE MANUFACTURER
- E. USE ENTIRE CONTENTS OF A PRODUCT BEFORE DISPOSING THE CONTAINER
- F. FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL

3. PRACTICES USED TO REDUCE RISKS:

- A. KEEP PRODUCTS IN THEIR ORIGINAL CONTAINER IF AT ALL POSSIBLE
- B. RETAIN ORIGINAL LABELS, PRODUCT INFORMATION AND MATERIAL SAFETY DATA SHEETS (MSDS)
- C. DISPOSE SURPLUS PRODUCT IN ACCORDANCE WITH MANUFACTURER'S OR LOCAL & STATE RECOMMENDED METHODS

ALL ON-SITE VEHICLES SHALL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS SHALL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ON-SITE SHALL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATION.

A. MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP SHALL BE CLEARLY POSTED AND SITE PERSONNEL SHALL BE MADE AWARE OF THE PROCEDURES;

B. MATERIALS AND EQUIPMENT NECESSARY FOR CLEANUP SHALL BE KEPT IN THE MATERIAL STORAGE AREA ON-SITE;

C. ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY

D. SPILL AREA SHALL BE WELL VENTILATED AND APPROPRIATE CLOTHING WILL BE WORN;

E. ANY SPILL SHALL BE REPORTED TO THE APPROPRIATE GOVERNMENTAL AGENCY

F. MEASURES SHALL BE TAKEN TO PREVENT A SPILL FROM REOCCURRING

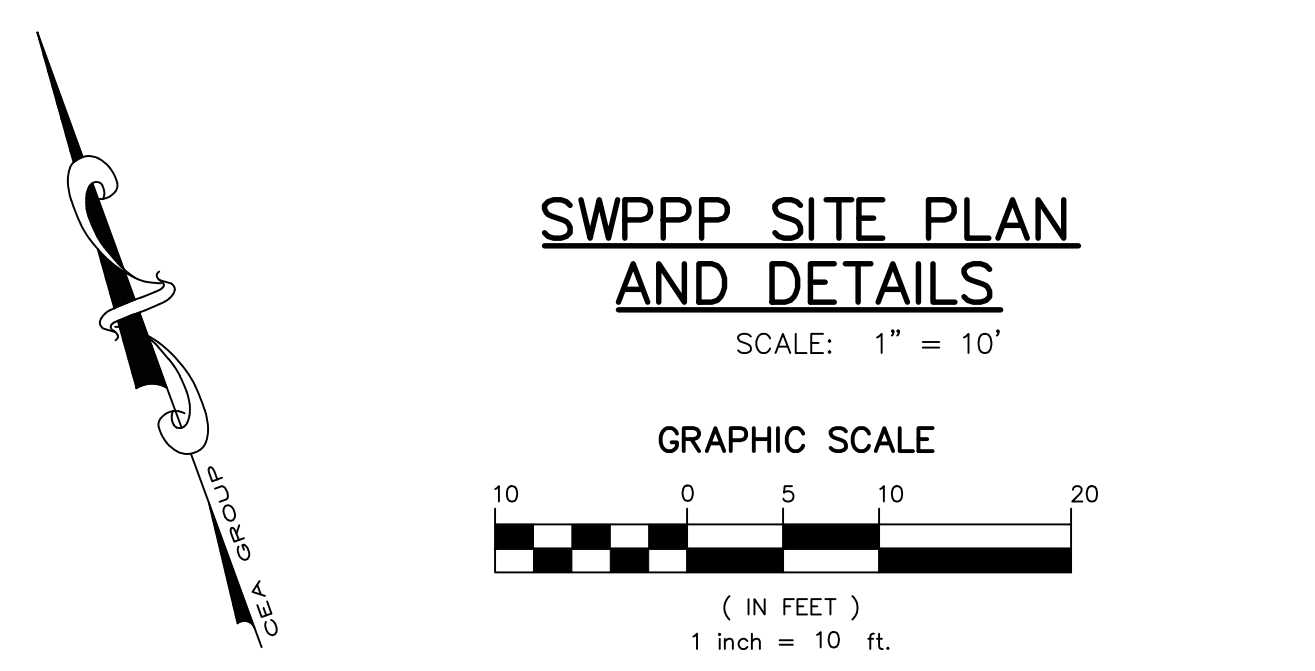
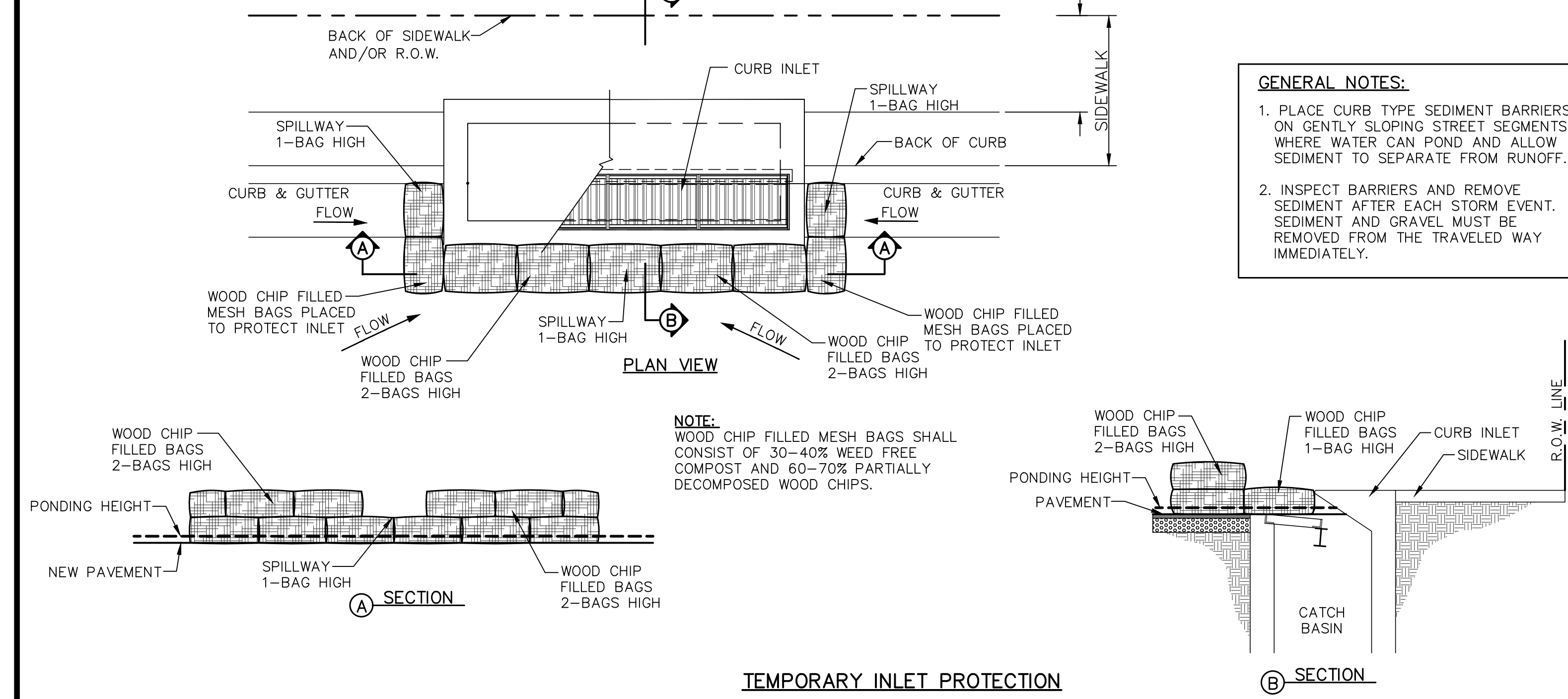
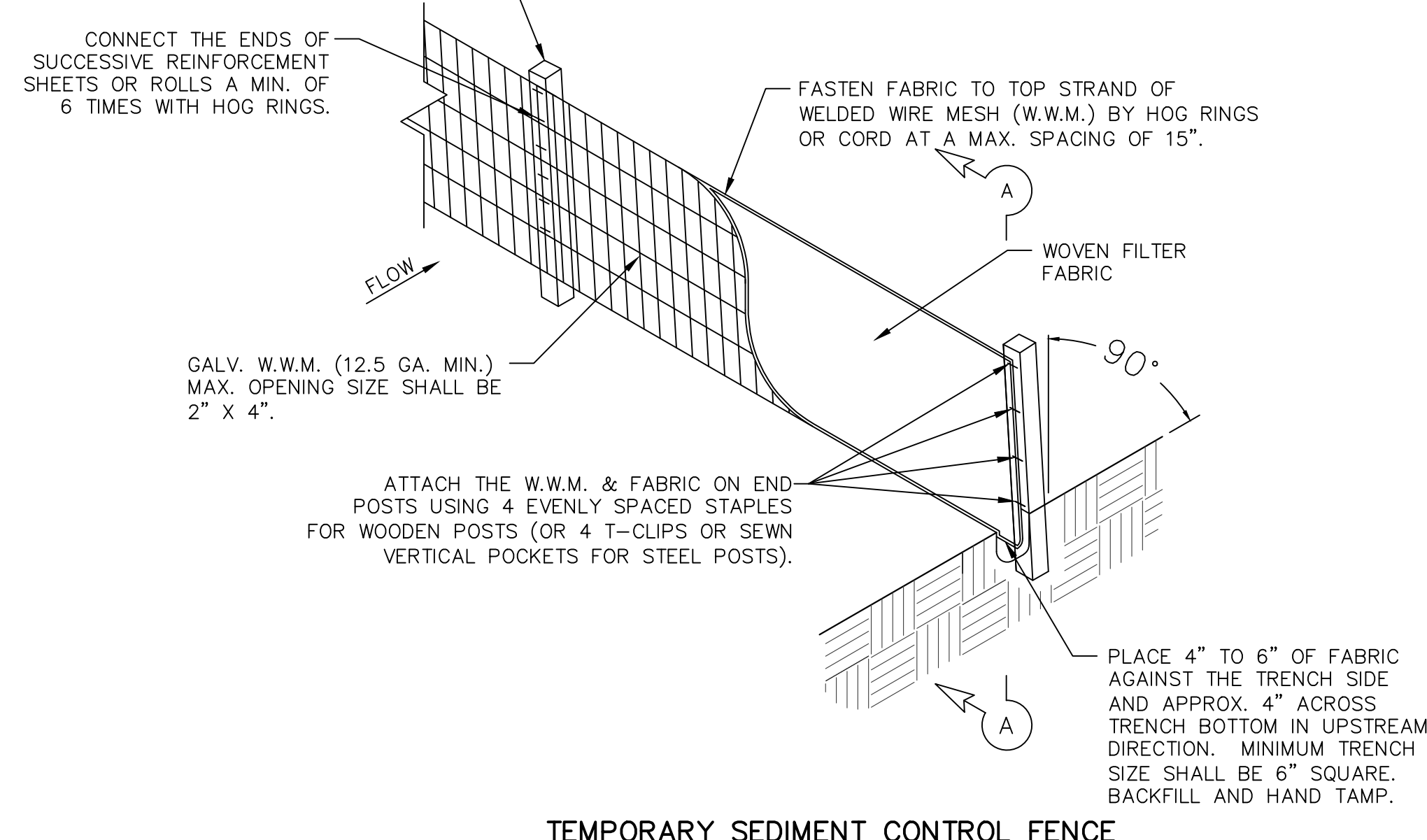
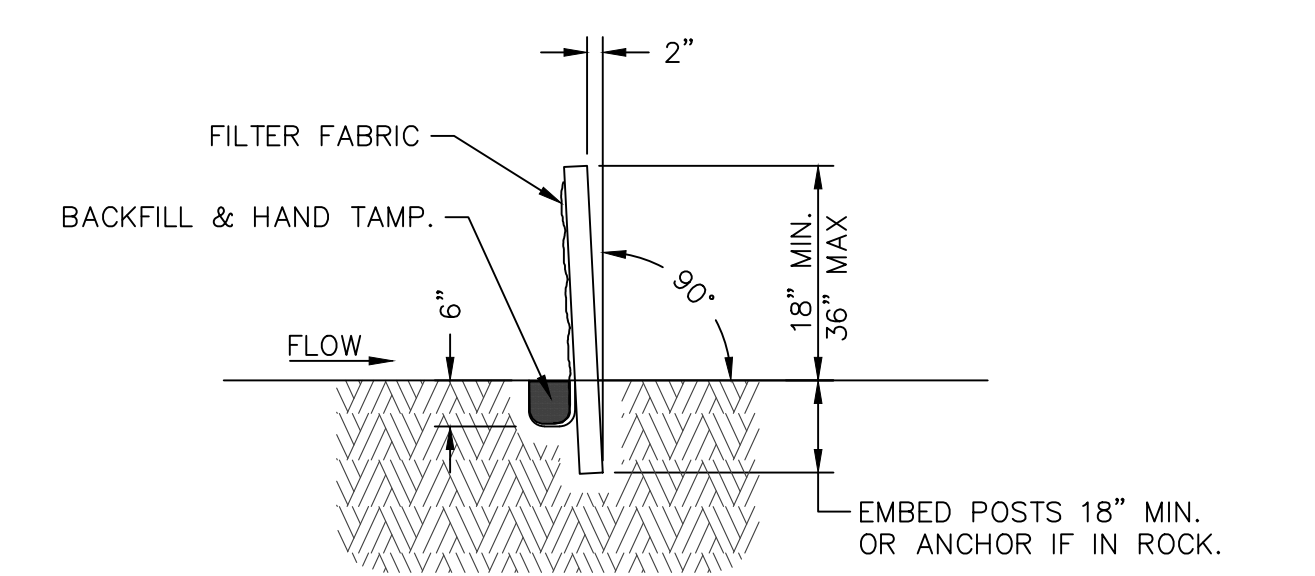
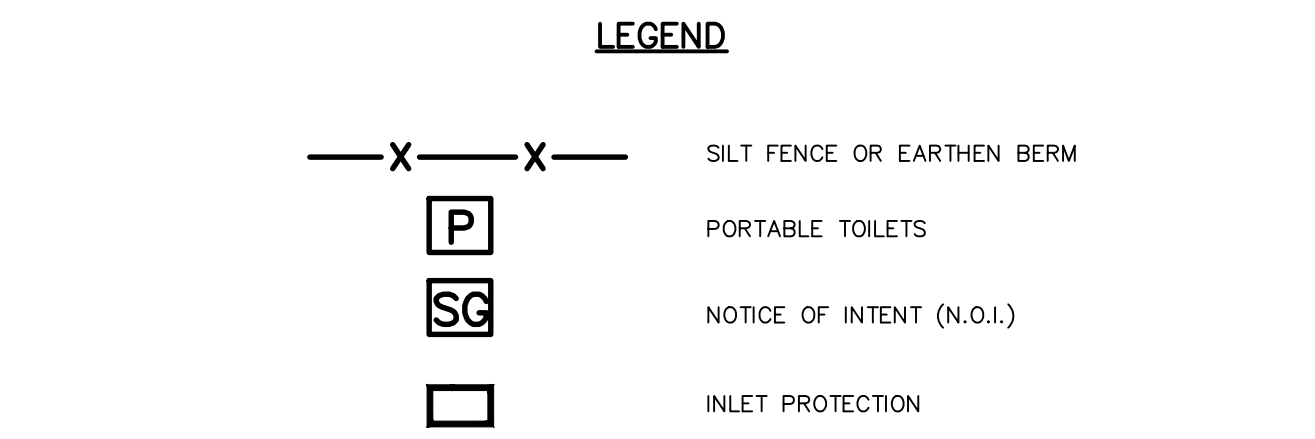
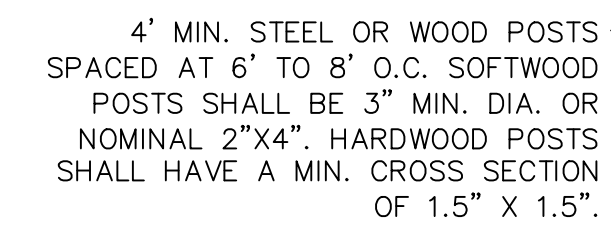
ALL POLLUTION PREVENTION MEASURES SHALL BE INSPECTED AT LEAST ONCE A MONTH OR WITHIN 24-HOURS PRIOR TO ANTICIPATED STORM EVENT AND FOLLOWING A STORM EVENT OF 0.5 INCHES OR MORE. INSPECTION IN FINAL STABILIZED AREAS OR DURING ARID PERIODS WILL BE CONDUCTED MONTHLY, BEST MANAGEMENT PRACTICES AND POLLUTION CONTROL PROCEDURES SHALL BE INSPECTED FOR ADEQUACY.

DISPOSAL AREAS, STOCKPILES, AND HAUL ROADS SHALL BE CONSTRUCTED IN A MANNER THAT WILL MINIMIZE AND CONTROL THE AMOUNT OF SEDIMENT THAT MAY ENTER RECEIVING WATERS. DISPOSAL AREAS SHALL NOT BE LOCATED IN ANY WETLAND, WATERBODY OR STREAMBED. CONSTRUCTION STAGING AREAS AND VEHICLE MAINTENANCE AREAS SHALL BE CONSTRUCTED BY THE CONTRACTOR IN A MANNER TO MINIMIZE THE RUNOFF OF POLLUTANTS. ALL WATERWAYS SHALL BE CLEARED AS SOON AS PRACTICABLE OF TEMPORARY EMBANKMENT, TEMPORARY BRIDGES, MATTING, FALSEWORK, PILING DEBRIS OR OTHER OBSTRUCTIONS PLACED DURING CONSTRUCTION OPERATIONS THAT ARE NOT A PART OF THE FINISHED WORK.

IN ADDITION TO THE STABILIZED CONSTRUCTION ENTRANCES, THE FOLLOWING MEASURES SHALL BE OBSERVED DURING CONSTRUCTION:

- HAUL ROADS SHALL BE DAMPENED FOR DUST CONTROL
- LOADED HAUL TRUCKS SHALL BE COVERED WITH TARPULIN
- EXCESS DIRT ON ROAD SHALL BE REMOVED IMMEDIATELY
- STABILIZED CONSTRUCTION ENTRANCE
- OTHER: _____

<div style="text-align: center;"> <h1>C9.1</h1> <p>SHEET NO.</p> </div>	STORM WATER POLLUTION PREVENTION PLAN: GENERAL NOTES		SHEET TITLE	
	PALMINO—LARAMIE INTERSECTION			
	DRAINAGE IMPROVEMENTS			
	<div style="float: right; width: 10%;">SCALE</div> <div style="float: left; width: 80%;">Horizontal: 1"=10'</div> <div style="clear: both;"></div>			
	<div style="float: right; width: 10%;">ENGINEER'S SEAL</div> <div style="float: left; width: 80%;"> </div> <div style="clear: both;"></div>			
PROJECT TITLE PALMINO—LARAMIE INTERSECTION DRAINAGE IMPROVEMENTS		SCALE Horizontal: 1"=10' Vertical: N/A Contour Interval: N/A DATE: APRIL 2023 DESIGN BY: A.D.H. DRAWN BY: A.D.H./K.A.P. CHKD. BY: J.L.A. APPVD. BY: J.L.A. JOB No.: 0001-100		
REFERENCES — BENCHMARKS CITY MONUMENT LOCATED AT THE CENTERLINE INTERSECTION OF CLYDEDALE DRIVE AND PALMINO STREET ELEVATION: 3929.53' (NAVD. 88 SHOWING) 3928.24' (E.P.V.D.)		813 N. Kansas St. Suite 300 El Paso, TX 79902 915.544.5232 CSA GROUP www.csa-group.net TEXAS REGISTERED ENGINEERING FIRM F-4564		



C9.2	SHEET NO.	STORM WATER POLLUTION PREVENTION PLAN: SITE PLAN AND DETAILS	SHEET TITLE	PROJECT TITLE		<div>SCALE: 1"=10'</div> <div>Horizontal: N/A</div> <div>Vertical: N/A</div> <div>Contour Interval: N/A</div> <div>DATE: APRIL 2023</div> <div>DESIGN BY: A.D.H.</div> <div>DRAWN BY: A.D.H./K.A.P.</div> <div>CHKD. BY: J.L.A.</div> <div>APPVD. BY: J.L.A.</div> <div>JOB No. 0001-100</div>	ENGINEER'S SEAL	<div><div>813 N. Kansas St. Suite 300 El Paso, TX 79902 915.544.5232 www.ceagroup.net</div><div><div>cea</div><div>GROUP</div></div><div>TEXAS REGISTERED ENGINEERING FIRM F-4564</div></div> <div>REFERENCES — BENCHMARKS</div> <div>CITY MONUMENT LOCATED AT THE CENTERLINE INTERSECTION OF CALDESADA DRIVE AND PALMINO STREET</div> <div>ELEVATION: 3939.53' (NAD 83 SHOWN) 3929.24' (E.T.D.)</div> <div>DATE</div> <div>REVISIONS</div> <div>BY</div>