

# WATER POLLUTION ABATEMENT PLAN

(WPAP)

FOR



**GEORGETOWN POST OFFICE**  
2300 SCENIC DRIVE  
GEORGETOWN TEXAS 78626

**PREPARED BY:**



Click Engineering, Inc,  
2218 Bryan Street  
Suite 150  
Dallas, Texas 75201  
214.871.2302

**DATED:**

May 5, 2023

# Texas Commission on Environmental Quality

## Edwards Aquifer Application Cover Page

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### Our Review of Your Application

**The Edwards Aquifer Program staff conducts an administrative and technical review of all applications. The turnaround time for administrative review can be up to 30 days as outlined in 30 TAC 213.4(e). Generally administrative completeness is determined during the intake meeting or within a few days of receipt. The turnaround time for technical review of an administratively complete Edwards Aquifer application is 90 days as outlined in 30 TAC 213.4(e). Please know that the review and approval time is directly impacted by the quality and completeness of the initial application that is received. In order to conduct a timely review, it is imperative that the information provided in an Edwards Aquifer application include final plans, be accurate, complete, and in compliance with [30 TAC 213](#).**

### Administrative Review

1. [Edwards Aquifer applications](#) must be deemed administratively complete before a technical review can begin. To be considered administratively complete, the application must contain completed forms and attachments, provide the requested information, and meet all the site plan requirements. The submitted application and plan sheets should be final plans. Please submit one full-size set of plan sheets with the original application, and half-size sets with the additional copies.

To ensure that all applicable documents are included in the application, the program has developed tools to guide you and web pages to provide all forms, checklists, and guidance. Please visit the below website for assistance: <http://www.tceq.texas.gov/field/eapp>.

2. This Edwards Aquifer Application Cover Page form (certified by the applicant or agent) must be included in the application and brought to the administrative review meeting.
3. Administrative reviews are scheduled with program staff who will conduct the review. Applicants or their authorized agent should call the appropriate regional office, according to the county in which the project is located, to schedule a review. The average meeting time is one hour.
4. In the meeting, the application is examined for administrative completeness. Deficiencies will be noted by staff and emailed or faxed to the applicant and authorized agent at the end of the meeting, or shortly after. Administrative deficiencies will cause the application to be deemed incomplete and returned.

An appointment should be made to resubmit the application. The application is re-examined to ensure all deficiencies are resolved. The application will only be deemed administratively complete when all administrative deficiencies are addressed.

5. If an application is received by mail, courier service, or otherwise submitted without a review meeting, the administrative review will be conducted within 30 days. The applicant and agent will be contacted with the results of the administrative review. If the application is found to be administratively incomplete, it can be retrieved from the regional office or returned by regular mail. If returned by mail, the regional office may require arrangements for return shipping.
6. If the geologic assessment was completed before October 1, 2004 and the site contains “possibly sensitive” features, the assessment must be updated in accordance with the *Instructions to Geologists* (TCEQ-0585 Instructions).

### Technical Review

1. When an application is deemed administratively complete, the technical review period begins. The regional office will distribute copies of the application to the identified affected city, county, and groundwater conservation district whose jurisdiction includes the subject site. These entities and the public have 30 days to provide comments on the application to the regional office. All comments received are reviewed by TCEQ.

2. A site assessment is usually conducted as part of the technical review, to evaluate the geologic assessment and observe existing site conditions. The site must be accessible to our staff. The site boundaries should be clearly marked, features identified in the geologic assessment should be flagged, roadways marked and the alignment of the Sewage Collection System and manholes should be staked at the time the application is submitted. If the site is not marked the application may be returned.
3. We evaluate the application for technical completeness and contact the applicant and agent via Notice of Deficiency (NOD) to request additional information and identify technical deficiencies. There are two deficiency response periods available to the applicant. There are 14 days to resolve deficiencies noted in the first NOD. If a second NOD is issued, there is an additional 14 days to resolve deficiencies. If the response to the second notice is not received, is incomplete or inadequate, or provides new information that is incomplete or inadequate, the application must be withdrawn or if not withdrawn the application will be denied and the application fee will be forfeited.
4. The program has 90 calendar days to complete the technical review of the application. If the application is technically adequate, such that it complies with the Edwards Aquifer rules, and is protective of the Edwards Aquifer during and after construction, an approval letter will be issued. Construction or other regulated activity may not begin until an approval is issued.

### Mid-Review Modifications

It is important to have final site plans prior to beginning the permitting process with TCEQ to avoid delays.

Occasionally, circumstances arise where you may have significant design and/or site plan changes after your Edwards Aquifer application has been deemed administratively complete by TCEQ. This is considered a “Mid-Review Modification”. Mid-Review Modifications may require redistribution of an application that includes the proposed modifications for public comment.

If you are proposing a Mid-Review Modification, two options are available to you:

- You can withdraw your application, and your fees will be refunded or credited for a resubmittal.
- TCEQ can continue the technical review of the application as it was submitted, and a modification application can be submitted at a later time.

If the application is withdrawn, the resubmitted application will be subject to the administrative and technical review processes and will be treated as a new application. The application will be redistributed to the effected jurisdictions.

Please contact the regional office if you have questions. If your project is located in Williamson, Travis, or Hays County, contact TCEQ’s Austin Regional Office at 512-339-2929. If your project is in Comal, Bexar, Medina, Uvalde, or Kinney County, contact TCEQ’s San Antonio Regional Office at 210-490-3096

Please fill out all required fields below and submit with your application.

<b>1. Regulated Entity Name:</b> Georgetown Post Office					<b>2. Regulated Entity No.:</b> 101497824						
<b>3. Customer Name:</b> United States Postal Service					<b>4. Customer No.:</b> 600785083						
<b>5. Project Type:</b> (Please circle/check one)		New			Modification		Extension		Exception		
<b>6. Plan Type:</b> (Please circle/check one)		WPAP	CZP	SCS	UST	AST	EXP	EXT	Technical Clarification	Optional Enhanced Measures	
<b>7. Land Use:</b> (Please circle/check one)		Residential		Non-residential			<b>8. Site (acres):</b>			5.73	
<b>9. Application Fee:</b>		\$5,000		<b>10. Permanent BMP(s):</b>				N/A			
<b>11. SCS (Linear Ft.):</b>				<b>12. AST/UST (No. Tanks):</b>							
<b>13. County:</b>		Williamson		<b>14. Watershed:</b>				San Gabriel River			

# Application Distribution

Instructions: Use the table below to determine the number of applications required. One original and one copy of the application, plus additional copies (as needed) for each affected incorporated city, county, and groundwater conservation district are required. Linear projects or large projects, which cross into multiple jurisdictions, can require additional copies. Refer to the “Texas Groundwater Conservation Districts within the EAPP Boundaries” map found at:

[http://www.tceq.texas.gov/assets/public/compliance/field\\_ops/eapp/EAPP%20GWCD%20map.pdf](http://www.tceq.texas.gov/assets/public/compliance/field_ops/eapp/EAPP%20GWCD%20map.pdf)

For more detailed boundaries, please contact the conservation district directly.

<b>Austin Region</b>			
<b>County:</b>	<b>Hays</b>	<b>Travis</b>	<b>Williamson</b>
Original (1 req.)	—	—	—
Region (1 req.)	—	—	—
County(ies)	—	—	—
Groundwater Conservation District(s)	<input type="checkbox"/> Edwards Aquifer Authority <input type="checkbox"/> Barton Springs/ Edwards Aquifer <input type="checkbox"/> Hays Trinity <input type="checkbox"/> Plum Creek	<input type="checkbox"/> Barton Springs/ Edwards Aquifer	NA
City(ies) Jurisdiction	<input type="checkbox"/> Austin <input type="checkbox"/> Buda <input type="checkbox"/> Dripping Springs <input type="checkbox"/> Kyle <input type="checkbox"/> Mountain City <input type="checkbox"/> San Marcos <input type="checkbox"/> Wimberley <input type="checkbox"/> Woodcreek	<input type="checkbox"/> Austin <input type="checkbox"/> Bee Cave <input type="checkbox"/> Pflugerville <input type="checkbox"/> Rollingwood <input type="checkbox"/> Round Rock <input type="checkbox"/> Sunset Valley <input type="checkbox"/> West Lake Hills	<input type="checkbox"/> Austin <input type="checkbox"/> Cedar Park <input type="checkbox"/> Florence <input type="checkbox"/> Georgetown <input type="checkbox"/> Jerrell <input type="checkbox"/> Leander <input type="checkbox"/> Liberty Hill <input type="checkbox"/> Pflugerville <input type="checkbox"/> Round Rock

<b>San Antonio Region</b>					
<b>County:</b>	<b>Bexar</b>	<b>Comal</b>	<b>Kinney</b>	<b>Medina</b>	<b>Uvalde</b>
Original (1 req.)	—	—	—	—	—
Region (1 req.)	—	—	—	—	—
County(ies)	—	—	—	—	—
Groundwater Conservation District(s)	<input type="checkbox"/> Edwards Aquifer Authority <input type="checkbox"/> Trinity-Glen Rose	<input type="checkbox"/> Edwards Aquifer Authority	<input type="checkbox"/> Kinney	<input type="checkbox"/> EAA <input type="checkbox"/> Medina	<input type="checkbox"/> EAA <input type="checkbox"/> Uvalde
City(ies) Jurisdiction	<input type="checkbox"/> Castle Hills <input type="checkbox"/> Fair Oaks Ranch <input type="checkbox"/> Helotes <input type="checkbox"/> Hill Country Village <input type="checkbox"/> Hollywood Park <input type="checkbox"/> San Antonio (SAWS) <input type="checkbox"/> Shavano Park	<input type="checkbox"/> Bulverde <input type="checkbox"/> Fair Oaks Ranch <input type="checkbox"/> Garden Ridge <input type="checkbox"/> New Braunfels <input type="checkbox"/> Schertz	NA	<input type="checkbox"/> San Antonio ETJ (SAWS)	NA

I certify that to the best of my knowledge, that the application is complete and accurate. This application is hereby submitted to TCEQ for administrative review and technical review.

Matthew A. Cain, P.E.

Print Name of Customer/Authorized Agent



05/05/2023

Signature of Customer/Authorized Agent

Date

**\*\*FOR TCEQ INTERNAL USE ONLY\*\***

Date(s) Reviewed:		Date Administratively Complete:	
Received From:		Correct Number of Copies:	
Received By:		Distribution Date:	
EAPP File Number:		Complex:	
Admin. Review(s) (No.):		No. AR Rounds:	
Delinquent Fees (Y/N):		Review Time Spent:	
Lat./Long. Verified:		SOS Customer Verification:	
Agent Authorization Complete/Notarized (Y/N):		Fee Check:	Payable to TCEQ (Y/N):
Core Data Form Complete (Y/N):			Signed (Y/N):
Core Data Form Incomplete Nos.:			Less than 90 days old (Y/N):

# Water Pollution Abatement Plan Checklist

- **Edwards Aquifer Application Cover Page (TCEQ-20705)**
- **General Information Form (TCEQ-0587)**
  - Attachment A - Road Map
  - Attachment B - USGS / Edwards Recharge Zone Map
  - Attachment C - Project Description
- **Geologic Assessment Form (TCEQ-0585)**
  - Attachment A - Geologic Assessment Table (TCEQ-0585-Table)
  - Comments to the Geologic Assessment Table
  - Attachment B - Soil Profile and Narrative of Soil Units
  - Attachment C - Stratigraphic Column
  - Attachment D - Narrative of Site Specific Geology
  - Site Geologic Map(s)
  - Table or list for the position of features' latitude/longitude (if mapped using GPS)
- **Water Pollution Abatement Plan Application Form (TCEQ-0584)**
  - Attachment A - Factors Affecting Water Quality
  - Attachment B - Volume and Character of Stormwater
  - Attachment C - Suitability Letter from Authorized Agent (if OSSF is proposed)
  - Attachment D - Exception to the Required Geologic Assessment (if requesting an exception)
  - Site Plan
- **Temporary Stormwater Section (TCEQ-0602)**
  - Attachment A - Spill Response Actions
  - Attachment B - Potential Sources of Contamination
  - Attachment C - Sequence of Major Activities
  - Attachment D - Temporary Best Management Practices and Measures
  - Attachment E - Request to Temporarily Seal a Feature, if sealing a feature
  - Attachment F - Structural Practices
  - Attachment G - Drainage Area Map
  - Attachment H - Temporary Sediment Pond(s) Plans and Calculations
  - Attachment I - Inspection and Maintenance for BMPs
  - Attachment J - Schedule of Interim and Permanent Soil Stabilization Practices
- **Permanent Stormwater Section (TCEQ-0600)**
  - Attachment A - 20% or Less Impervious Cover Waiver, if project is multi-family residential, a school, or a small business and 20% or less impervious cover is proposed for the site
  - Attachment B - BMPs for Upgradient Stormwater

Attachment C - BMPs for On-site Stormwater

Attachment D - BMPs for Surface Streams

Attachment E - Request to Seal Features (if sealing a feature)

Attachment F - Construction Plans

Attachment G - Inspection, Maintenance, Repair and Retrofit Plan

Attachment H - Pilot-Scale Field Testing Plan, if BMPs not based on Complying with the Edwards Aquifer Rules: Technical Guidance for BMPs

Attachment I - Measures for Minimizing Surface Stream Contamination

- **Agent Authorization Form (TCEQ-0599), if application submitted by agent**
- **Application Fee Form (TCEQ-0574)**
- **Check Payable to the “Texas Commission on Environmental Quality”**
- **Core Data Form (TCEQ-10400)**

# Application Fee Form

## Texas Commission on Environmental Quality

Name of Proposed Regulated Entity: Georgetown Post Office

Regulated Entity Location: 2300 Scenic Drive, Georgetown, TX 78626

Name of Customer: United States Postal Service

Contact Person: Daniel Mata

Phone: 512-342-1350

Customer Reference Number (if issued): CN 600785083

Regulated Entity Reference Number (if issued): RN 101497824

### Austin Regional Office (3373)

Hays

Travis

Williamson

### San Antonio Regional Office (3362)

Bexar

Medina

Uvalde

Comal

Kinney

Application fees must be paid by check, certified check, or money order, payable to the **Texas Commission on Environmental Quality**. Your canceled check will serve as your receipt. **This form must be submitted with your fee payment.** This payment is being submitted to:

Austin Regional Office

San Antonio Regional Office

Mailed to: TCEQ - Cashier

Overnight Delivery to: TCEQ - Cashier

Revenues Section

Mail Code 214

P.O. Box 13088

Austin, TX 78711-3088

12100 Park 35 Circle

Building A, 3rd Floor

Austin, TX 78753

(512)239-0357


### Site Location (Check All That Apply):

Recharge Zone

Contributing Zone

Transition Zone

<i>Type of Plan</i>	<i>Size</i>	<i>Fee Due</i>
Water Pollution Abatement Plan, Contributing Zone Plan: One Single Family Residential Dwelling	Acres	\$
Water Pollution Abatement Plan, Contributing Zone Plan: Multiple Single Family Residential and Parks	Acres	\$
Water Pollution Abatement Plan, Contributing Zone Plan: Non-residential	5.73 Acres	\$ 5,000
Sewage Collection System	L.F.	\$
Lift Stations without sewer lines	Acres	\$
Underground or Aboveground Storage Tank Facility	Tanks	\$
Piping System(s)(only)	Each	\$
Exception	Each	\$
Extension of Time	Each	\$

Signature: \_\_\_\_\_ 



Date: 05/05/2023

# Application Fee Schedule

Texas Commission on Environmental Quality

Edwards Aquifer Protection Program 30 TAC Chapter 213 (effective 05/01/2008)

## **Water Pollution Abatement Plans and Modifications**

### **Contributing Zone Plans and Modifications**

<b>Project</b>	<b>Project Area in Acres</b>	<b>Fee</b>
One Single Family Residential Dwelling	< 5	\$650
Multiple Single Family Residential and Parks	< 5	\$1,500
	5 < 10	\$3,000
	10 < 40	\$4,000
	40 < 100	\$6,500
	100 < 500	\$8,000
Non-residential (Commercial, industrial, institutional, multi-family residential, schools, and other sites where regulated activities will occur)	≥ 500	\$10,000
	< 1	\$3,000
	1 < 5	\$4,000
	5 < 10	\$5,000
	10 < 40	\$6,500
	40 < 100	\$8,000
	≥ 100	\$10,000

### **Organized Sewage Collection Systems and Modifications**

<b>Project</b>	<b>Cost per Linear Foot</b>	<b>Minimum Fee- Maximum Fee</b>
Sewage Collection Systems	\$0.50	\$650 - \$6,500

### **Underground and Aboveground Storage Tank System Facility Plans and Modifications**

<b>Project</b>	<b>Cost per Tank or Piping System</b>	<b>Minimum Fee- Maximum Fee</b>
Underground and Aboveground Storage Tank Facility	\$650	\$650 - \$6,500

### **Exception Requests**

<b>Project</b>	<b>Fee</b>
Exception Request	\$500

***Extension of Time Requests***

<b><i>Project</i></b>	<b><i>Fee</i></b>
Extension of Time Request	\$150

**Agent Authorization Form**  
For Required Signature  
Edwards Aquifer Protection Program  
Relating to 30 TAC Chapter 213  
Effective June 1, 1999

I Daniel J. Mata,  
Print Name

Manager of Post Office Operations, K, Texas 3,  
Title - Owner/President/Other

of United States Postal Service,  
Corporation/Partnership/Entity Name

have authorized Matthew A. Cain, P.E.  
Print Name of Agent/Engineer

of Click Engineering  
Print Name of Firm

to represent and act on the behalf of the above named Corporation, Partnership, or Entity for the purpose of preparing and submitting this plan application to the Texas Commission on Environmental Quality (TCEQ) for the review and approval consideration of regulated activities.

I also understand that:

1. The applicant is responsible for compliance with 30 Texas Administrative Code Chapter 213 and any condition of the TCEQ's approval letter. The TCEQ is authorized to assess administrative penalties of up to \$10,000 per day per violation.
2. For those submitting an application who are not the property owner, but who have the right to control and possess the property, additional authorization is required from the owner.
3. Application fees are due and payable at the time the application is submitted. The application fee must be sent to the TCEQ cashier or to the appropriate regional office. The application will not be considered until the correct fee is received by the commission.
4. A notarized copy of the Agent Authorization Form must be provided for the person preparing the application, and this form must accompany the completed application.
5. No person shall commence any regulated activity on the Edwards Aquifer Recharge Zone, Contributing Zone or Transition Zone until the appropriate application for the activity has been filed with and approved by the Executive Director.

SIGNATURE PAGE:

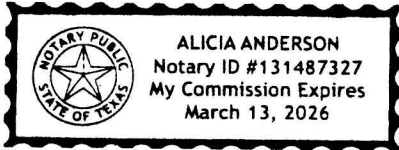
*Daniel J. Mata*  
*Daniel J. Mata*  
Applicant's Signature

*6/14/2023*  
*6/10/2023*  
Date

THE STATE OF TX §  
County of Williamson §

BEFORE ME, the undersigned authority, on this day personally appeared Daniel J. Mata known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that (s)he executed same for the purpose and consideration therein expressed.

GIVEN under my hand and seal of office on this 14<sup>th</sup> day of June, 2023.



*Alicia Anderson*  
NOTARY PUBLIC  
Alicia Anderson  
Typed or Printed Name of Notary

MY COMMISSION EXPIRES: March 13, 2026



# TCEQ Core Data Form

For detailed instructions on completing this form, please read the Core Data Form Instructions or call 512-239-5175.

## SECTION I: General Information

<b>1. Reason for Submission</b> (If other is checked please describe in space provided.)		
<input checked="" type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)		<input type="checkbox"/> Other
<b>2. Customer Reference Number</b> (if issued)	<a href="#">Follow this link to search for CN or RN numbers in Central Registry**</a>	<b>3. Regulated Entity Reference Number</b> (if issued)
CN 600785083		RN 101497824

## SECTION II: Customer Information

<b>4. General Customer Information</b>		<b>5. Effective Date for Customer Information Updates</b> (mm/dd/yyyy)	
<input type="checkbox"/> New Customer <input type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership <input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)			
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>			
<b>6. Customer Legal Name</b> (If an individual, print last name first: eg: Doe, John)		<i>If new Customer, enter previous Customer below:</i>	
United States Postal Service			
<b>7. TX SOS/CPA Filing Number</b>	<b>8. TX State Tax ID</b> (11 digits)	<b>9. Federal Tax ID</b> (9 digits)	<b>10. DUNS Number</b> (if applicable)
<b>11. Type of Customer:</b>		Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited	
<input type="checkbox"/> Corporation Government: <input type="checkbox"/> City <input type="checkbox"/> County <input checked="" type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other		<input type="checkbox"/> Individual <input type="checkbox"/> Sole Proprietorship <input type="checkbox"/> Other:	
<b>12. Number of Employees</b>		<b>13. Independently Owned and Operated?</b>	
<input type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher		<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>14. Customer Role</b> (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following			
<input type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator <input type="checkbox"/> Other: <input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant			
<b>15. Mailing Address:</b>			
City	State	ZIP	ZIP + 4
<b>16. Country Mailing Information</b> (if outside USA)		<b>17. E-Mail Address</b> (if applicable)	
<b>18. Telephone Number</b>	<b>19. Extension or Code</b>	<b>20. Fax Number</b> (if applicable)	

**SECTION III: Regulated Entity Information**

<b>21. General Regulated Entity Information</b> (If "New Regulated Entity" is selected, a new permit application is also required.)									
<input type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input checked="" type="checkbox"/> Update to Regulated Entity Information									
<i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i>									
<b>22. Regulated Entity Name</b> (Enter name of the site where the regulated action is taking place.)									
United States Postal Service									
<b>23. Street Address of the Regulated Entity:</b> <i>(No PO Boxes)</i>		2300 Scenic Drive							
		City	Georgetown	State	TX	ZIP	78626	ZIP + 4	9998
<b>24. County</b>		Williamson							

If no Street Address is provided, fields 25-28 are required.

<b>25. Description to Physical Location:</b>											
<b>26. Nearest City</b>				<b>State</b>		<b>Nearest ZIP Code</b>					
<i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i>											
<b>27. Latitude (N) In Decimal:</b>						<b>28. Longitude (W) In Decimal:</b>					
Degrees		Minutes		Seconds		Degrees		Minutes		Seconds	
<b>29. Primary SIC Code</b> (4 digits)			<b>30. Secondary SIC Code</b> (4 digits)			<b>31. Primary NAICS Code</b> (5 or 6 digits)			<b>32. Secondary NAICS Code</b> (5 or 6 digits)		
4311						491110					
<b>33. What is the Primary Business of this entity?</b> (Do not repeat the SIC or NAICS description.)											
Postal Service											
<b>34. Mailing Address:</b>		2300 Scenic Drive									
		City	Georgetown	State	TX	ZIP	78626	ZIP + 4	9998		
<b>35. E-Mail Address:</b>		Calmellia.M.Johnson@usps.gov									
<b>36. Telephone Number</b>				<b>37. Extension or Code</b>		<b>38. Fax Number</b> (if applicable)					
(512)321- 2047						( ) -					

**39. TCEQ Programs and ID Numbers** Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.

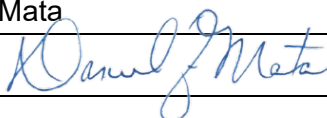
<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS
<input type="checkbox"/> Sludge	<input type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
<input type="checkbox"/> Voluntary Cleanup	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:

### **SECTION IV: Preparer Information**

<b>40. Name:</b>	Daniel J. Mata			<b>41. Title:</b>	District Retail & Deliver Project Manager
<b>42. Telephone Number</b>	<b>43. Ext./Code</b>	<b>44. Fax Number</b>	<b>45. E-Mail Address</b>		
(512 )342 - 1350		( ) -	daniel.j.mata@usps.gov		

### **SECTION V: Authorized Signature**

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

<b>Company:</b>	United States Postal Service	<b>Job Title:</b>	MPOO K, Texas 3	
<b>Name (In Print):</b>	Daniel J. Mata	<b>Phone:</b>	(512)342-1350	
<b>Signature:</b>			<b>Date:</b>	6/10/2023

# General Information Form

## Texas Commission on Environmental Quality

For Regulated Activities on the Edwards Aquifer Recharge and Transition Zones and Relating to 30 TAC §213.4(b) & §213.5(b)(2)(A), (B) Effective June 1, 1999

**To ensure that the application is administratively complete, confirm that all fields in the form are complete, verify that all requested information is provided, consistently reference the same site and contact person in all forms in the application, and ensure forms are signed by the appropriate party.**

**Note: Including all the information requested in the form and attachments contributes to more streamlined technical reviews.**

## Signature

To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This **General Information Form** is hereby submitted for TCEQ review. The application was prepared by:

Print Name of Customer/Agent: Matthew A. Cain, P.E.

Date: 05/05/2023

Signature of Customer/Agent:



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## Project Information

1. Regulated Entity Name: Georgetown Post Office
2. County: Williamson
3. Stream Basin: San Gabriel River
4. Groundwater Conservation District (If applicable): Edwards Aquifer

5. Edwards Aquifer Zone:

- Recharge Zone  
 Transition Zone

6. Plan Type:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> WPAP | <input type="checkbox"/> AST               |
| <input type="checkbox"/> SCS             | <input type="checkbox"/> UST               |
| <input type="checkbox"/> Modification    | <input type="checkbox"/> Exception Request |



7. Customer (Applicant):

Contact Person: Daniel Mata

Entity: United States Postal Service

Mailing Address: 200 E. Kentucky Ave.

City, State: Denver, CO

Zip: 80209

Telephone: 514-342-1350

FAX: \_\_\_\_\_

Email Address: Daniel.mata@usps.gov

8. Agent/Representative (If any):

Contact Person: Matthew A. Cain, P.E.

Entity: Click Engineering

Mailing Address: 2218 Bryan Street, Suite 150

City, State: Dallas, Texas

Zip: 75201

Telephone: 214-871-2302

FAX: \_\_\_\_\_

Email Address: mcaain@clickeng.com

9. Project Location:

The project site is located inside the city limits of Georgetown.

The project site is located outside the city limits but inside the ETJ (extra-territorial jurisdiction) of \_\_\_\_\_.

The project site is not located within any city's limits or ETJ.

10.  The location of the project site is described below. The description provides sufficient detail and clarity so that the TCEQ's Regional staff can easily locate the project and site boundaries for a field investigation.

2300 Scenic Drive, Georgetown, Texas 78626

11.  **Attachment A – Road Map.** A road map showing directions to and the location of the project site is attached. The project location and site boundaries are clearly shown on the map.

12.  **Attachment B - USGS / Edwards Recharge Zone Map.** A copy of the official 7 ½ minute USGS Quadrangle Map (Scale: 1" = 2000') of the Edwards Recharge Zone is attached. The map(s) clearly show:

Project site boundaries.

USGS Quadrangle Name(s).

Boundaries of the Recharge Zone (and Transition Zone, if applicable).

Drainage path from the project site to the boundary of the Recharge Zone.

13.  **The TCEQ must be able to inspect the project site or the application will be returned.** Sufficient survey staking is provided on the project to allow TCEQ regional staff to locate the boundaries and alignment of the regulated activities and the geologic or manmade features noted in the Geologic Assessment.

Survey staking will be completed by this date: \_\_\_\_\_

14.  **Attachment C – Project Description.** Attached at the end of this form is a detailed narrative description of the proposed project. The project description is consistent throughout the application and contains, at a minimum, the following details:

- Area of the site
- Offsite areas
- Impervious cover
- Permanent BMP(s)
- Proposed site use
- Site history
- Previous development
- Area(s) to be demolished

15. Existing project site conditions are noted below:

- Existing commercial site
- Existing industrial site
- Existing residential site
- Existing paved and/or unpaved roads
- Undeveloped (Cleared)
- Undeveloped (Undisturbed/Uncleared)
- Other: \_\_\_\_\_

### ***Prohibited Activities***

16.  I am aware that the following activities are prohibited on the Recharge Zone and are not proposed for this project:

- (1) Waste disposal wells regulated under 30 TAC Chapter 331 of this title (relating to Underground Injection Control);
- (2) New feedlot/concentrated animal feeding operations, as defined in 30 TAC §213.3;
- (3) Land disposal of Class I wastes, as defined in 30 TAC §335.1;
- (4) The use of sewage holding tanks as parts of organized collection systems; and
- (5) New municipal solid waste landfill facilities required to meet and comply with Type I standards which are defined in §330.41(b), (c), and (d) of this title (relating to Types of Municipal Solid Waste Facilities).
- (6) New municipal and industrial wastewater discharges into or adjacent to water in the state that would create additional pollutant loading.

17.  I am aware that the following activities are prohibited on the Transition Zone and are not proposed for this project:

- (1) Waste disposal wells regulated under 30 TAC Chapter 331 (relating to Underground Injection Control);
- (2) Land disposal of Class I wastes, as defined in 30 TAC §335.1; and

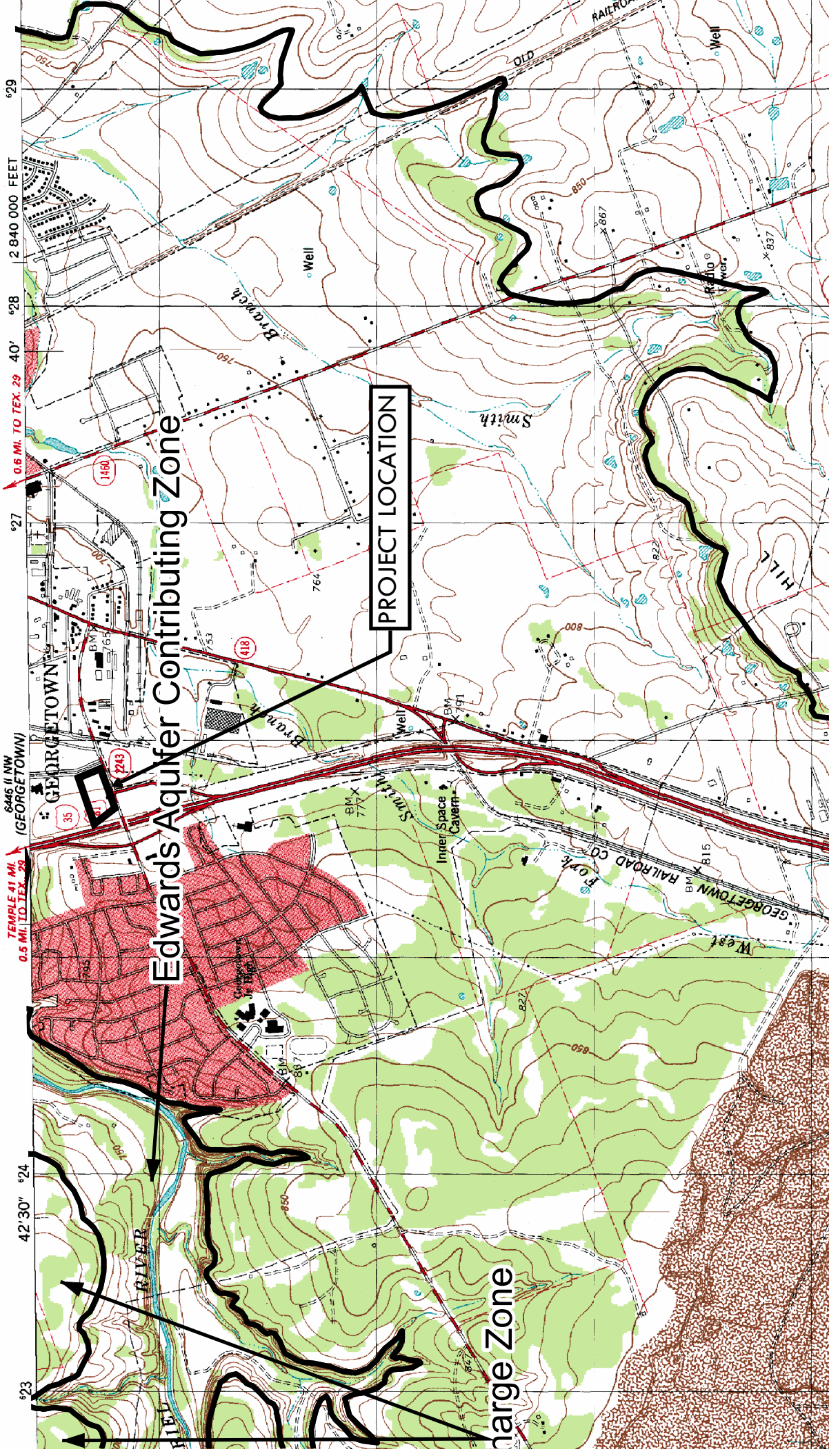
- (3) New municipal solid waste landfill facilities required to meet and comply with Type I standards which are defined in §330.41 (b), (c), and (d) of this title.

### ***Administrative Information***

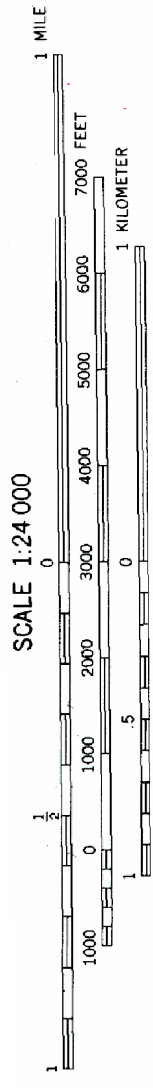
18. The fee for the plan(s) is based on:

- For a Water Pollution Abatement Plan or Modification, the total acreage of the site where regulated activities will occur.
  - For an Organized Sewage Collection System Plan or Modification, the total linear footage of all collection system lines.
  - For a UST Facility Plan or Modification or an AST Facility Plan or Modification, the total number of tanks or piping systems.
  - A request for an exception to any substantive portion of the regulations related to the protection of water quality.
  - A request for an extension to a previously approved plan.
19.  Application fees are due and payable at the time the application is filed. If the correct fee is not submitted, the TCEQ is not required to consider the application until the correct fee is submitted. Both the fee and the Edwards Aquifer Fee Form have been sent to the Commission's:
- TCEQ cashier
  - Austin Regional Office (for projects in Hays, Travis, and Williamson Counties)
  - San Antonio Regional Office (for projects in Bexar, Comal, Kinney, Medina, and Uvalde Counties)
20.  Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions. The copies must be submitted to the appropriate regional office.
21.  No person shall commence any regulated activity until the Edwards Aquifer Protection Plan(s) for the activity has been filed with and approved by the Executive Director.





ATTACHMENT B  
EDWARDS AQUIFER RECHARGE ZONE MAP



CONTOUR INTERVAL 10 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

## ATTACHMENT C: PROJECT DESCRIPTION

The existing Georgetown Post office site, located at 2300 Scenic Drive, Georgetown, Texas, is proposed to undergo site improvements for southwest access driveways. The two drives will be demolished and replaced with one drive connecting to the easter driveway connection. The existing site consists of a total area of 5.73 acres, however the proposed improvements will consist of approximately 0.11 acres. This existing drive impervious cover equals the proposed drive impervious cover. With the drive adjustments, the detention ponds have been adjusted to match the previous designs storage capacity.

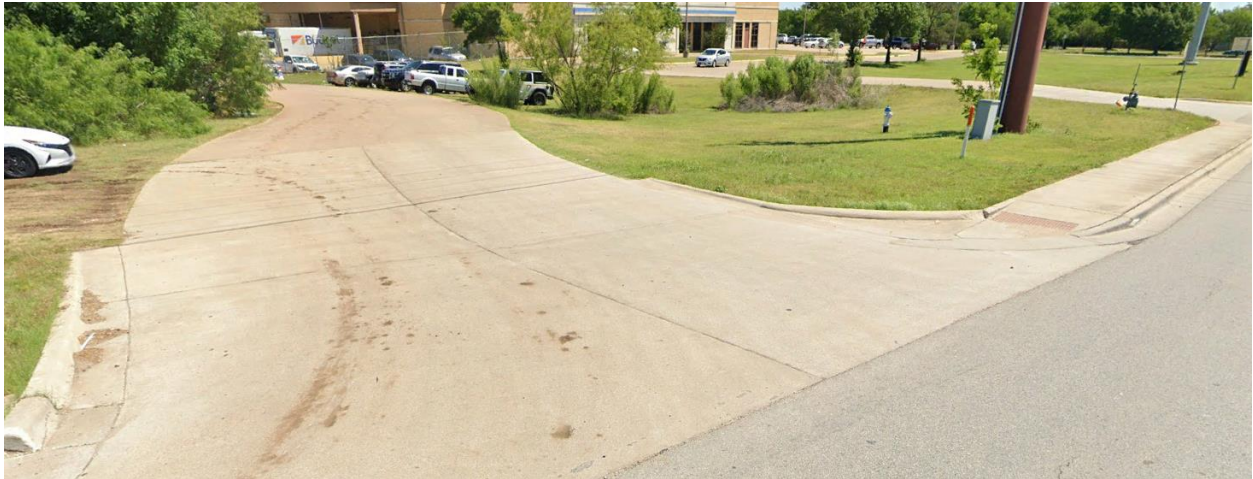


Figure 1: Existing Site Conditions

February 22, 2023

**BRW Architects, Inc.**  
3535 Travis Street  
Dallas, Texas 75204

Attention: Shea Rampy

Re: Geotechnical Exploration  
**Connecting Drive**  
**Georgetown Municipal Post Office**  
2300 Scenic Drive  
Georgetown, Texas  
ALPHA Report No. A230251

Attached is the report of the geotechnical exploration performed for the project referenced above. This study was authorized by Mark E. Watford with BRW Architects, Inc. on February 7, 2023 and performed in accordance with ALPHA Proposal No. 95576 dated January 30, 2023 and AIA Document C402-2018 dated February 7, 2023.

This report contains results of field explorations and laboratory testing and an engineering interpretation of these with respect to available project characteristics. The results and analyses were used to develop recommendations to aid design and construction of pavements.

ALPHA TESTING, LLC appreciates the opportunity to be of service on this project. If we can be of further assistance, such as providing materials testing services during construction, please contact our office.

Sincerely,

**ALPHA TESTING, LLC**

Olivia Drew  
Senior Project Manager  
ED/MLM

Mark L. McKay, P.E.  
Associate Principle



Copy: BRW Architects Inc.; Shea Rampy; via email  
BRW Architects Inc.; Dale Hogue; via email

# Geologic Assessment

## Texas Commission on Environmental Quality

For Regulated Activities on The Edwards Aquifer Recharge/transition Zones and Relating to 30 TAC §213.5(b)(3), Effective June 1, 1999

**To ensure that the application is administratively complete, confirm that all fields in the form are complete, verify that all requested information is provided, consistently reference the same site and contact person in all forms in the application, and ensure forms are signed by the appropriate party.**

**Note: Including all the information requested in the form and attachments contributes to more streamlined technical reviews.**

## Signature

To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. My signature certifies that I am qualified as a geologist as defined by 30 TAC Chapter 213.

Print Name of Geologist: Timothy Jay Dudit

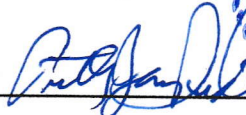
Telephone: (210) 887-6676

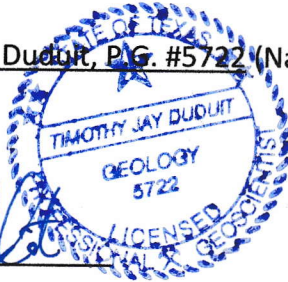
Date: \_\_\_\_\_

Fax: \_\_\_\_\_

Representing: Timothy Jay Dudit, P.G. #5722 (Name of Company and TBPG or TBPE registration number)

Signature of Geologist:

  
\_\_\_\_\_



Regulated Entity Name: United States Post Office, 2300 Scenic Drive, Georgetown, Texas

## Project Information

1. Date(s) Geologic Assessment was performed: 04/13/22

2. Type of Project:

WPAP  
 SCS

AST  
 UST

3. Location of Project:

Recharge Zone  
 Transition Zone  
 Contributing Zone within the Transition Zone



4.  **Attachment A - Geologic Assessment Table.** Completed Geologic Assessment Table (Form TCEQ-0585-Table) is attached.
5.  Soil cover on the project site is summarized in the table below and uses the SCS Hydrologic Soil Groups\* (Urban Hydrology for Small Watersheds, Technical Release No. 55, Appendix A, Soil Conservation Service, 1986). If there is more than one soil type on the project site, show each soil type on the site Geologic Map or a separate soils map.

**Table 1 - Soil Units, Infiltration Characteristics and Thickness**

Soil Name	Group*	Thickness(feet)
Georgetown clay loam, 0-3% slopes	D	0-2

\* Soil Group Definitions (Abbreviated)

- A. Soils having a high infiltration rate when thoroughly wetted.
- B. Soils having a moderate infiltration rate when thoroughly wetted.
- C. Soils having a slow infiltration rate when thoroughly wetted.
- D. Soils having a very slow infiltration rate when thoroughly wetted.

6.  **Attachment B – Stratigraphic Column.** A stratigraphic column showing formations, members, and thicknesses is attached. The outcropping unit, if present, should be at the top of the stratigraphic column. Otherwise, the uppermost unit should be at the top of the stratigraphic column.
7.  **Attachment C – Site Geology.** A narrative description of the site specific geology including any features identified in the Geologic Assessment Table, a discussion of the potential for fluid movement to the Edwards Aquifer, stratigraphy, structure(s), and karst characteristics is attached.
8.  **Attachment D – Site Geologic Map(s).** The Site Geologic Map must be the same scale as the applicant's Site Plan. The minimum scale is 1": 400'  
 Applicant's Site Plan Scale: 1" = 40'  
 Site Geologic Map Scale: 1" = 40'  
 Site Soils Map Scale (if more than 1 soil type): 1" = \_\_\_\_\_'
9. Method of collecting positional data:
  - Global Positioning System (GPS) technology.
  - Other method(s). Please describe method of data collection: \_\_\_\_\_
10.  The project site and boundaries are clearly shown and labeled on the Site Geologic Map.
11.  Surface geologic units are shown and labeled on the Site Geologic Map.

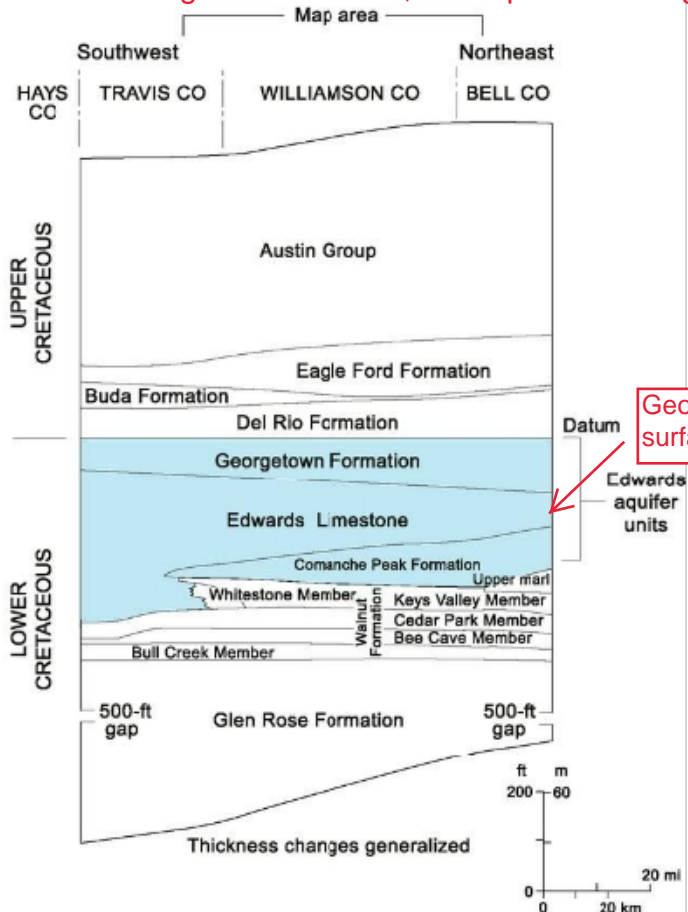
12.  Geologic or manmade features were discovered on the project site during the field investigation. They are shown and labeled on the Site Geologic Map and are described in the attached Geologic Assessment Table.
- Geologic or manmade features were not discovered on the project site during the field investigation.
13.  The Recharge Zone boundary is shown and labeled, if appropriate.
14. All known wells (test holes, water, oil, unplugged, capped and/or abandoned, etc.): If applicable, the information must agree with Item No. 20 of the WPAP Application Section.
- There are \_\_\_\_\_ (#) wells present on the project site and the locations are shown and labeled. (Check all of the following that apply.)
- The wells are not in use and have been properly abandoned.
- The wells are not in use and will be properly abandoned.
- The wells are in use and comply with 16 TAC Chapter 76.
- There are no wells or test holes of any kind known to exist on the project site.

### ***Administrative Information***

15.  Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions. The copies must be submitted to the appropriate regional office.



# Attachment B, Lot 2B Geologic Assessment, Site Specific Stratigraphic Column



Geologic Unit below the surface of the Project Site

Taken from E.W. Collins, 2005 (for complete citation, please refer to Attachment C.)

---|u|--- Normal fault: U = upthrown block, D = downthrown block

## **Attachment C: Site Specific Geology and Soil Characteristics**

**2300 Scenic Drive, Georgetown, Texas**

### **Area Geologic Setting**

The site is located in the Balcones fault zone, which separates the Edwards Plateau from the Gulf Coastal Plain physiographic province. The Balcones fault zone is a series of steep angle, normal faults that generally strike northeast-southwest. Active movement in the Balcones fault zone ceased during the Miocene Epoch. The intense, close spaced faulting along the Balcones fault zone combined with the various rock types of the upper Cretaceous section exposed in central Texas makes rapid changes in rock and soil type the norm rather than the exception.

The depositional environment and lithology of the Edwards Group limestones changes from Kinney County in southwest Texas to Hays County east of San Antonio. The site is located in the North of Colorado River depositional province. The entire Edwards Formation is approximately 180 feet thick in the area. The rocks that comprise the Edwards Group include hard, dense calcium carbonate limestone and some magnesium carbonate limestone called dolomite. These limestones are made up of the shells of invertebrate animals that inhabited the shallow seas of the lower Cretaceous period. These shells range from large, reef forming clams to microscopic foraminifers that secrete shells of the mineral calcite or aragonite, which is composed of calcium carbonate. Aragonite shells are more soluble in water, especially the slightly acid, normal rainwater that contains a weak carbonic acid. The wide ranges of specific minerals making up the shells that compose the limestone are soluble in water in differing amounts. The preferential dissolution of fossil shells gives rise to many of the geologic features observed in rocks of the Edwards Group limestone.

The intense faulting and fracturing of the limestone rocks in the Balcones fault zone and the varying ability of minerals to be dissolved by groundwater lead to the formation of the geologic features that are mapped within the Edwards Aquifer Recharge Zone. The combination of faulting, fracturing, rock dissolution, mineral deposition, erosion, and geologic time produce the caves, closed depressions, fractured rock outcrops, fault zones, solution cavities, and vugular rock features which are mapped during a Geologic Assessment. The characteristics and physical settings of these geologic features are described to assign a relative infiltration rate and potential recharge ranking to assist in managing the resource of the Edwards Aquifer.

### **Site Geology**

The site is within the published area of the Edwards Aquifer Recharge Zone and the project site is located in the outcrop of the Cretaceous Edwards Limestone according to the National Geologic Map Database (<https://ngmdb.usgs.gov/mapview>). Stratigraphically, this puts the project site within the rocks that comprise the Edwards Aquifer (please see attached Stratigraphic Column). The Stratigraphic Column was taken from E. W. Collins from "Geologic map of the west half of the Taylor, Texas, 30 X 60-minute quadrangle: central Texas urban corridor, encompassing Round Rock, Georgetown, Salado, Briggs, Liberty Hill, and Leander" published by the Bureau of Economic Geology at the University of Texas at Austin. There were no outcrops observed on the project site due to the thick soil and building/parking lot cover. Geologic mapping around the project site confirmed this basic stratigraphy and the presence of this formation.

The soil at the site is the soil type *Georgetown clay loam, 0-3% slopes*, according to the USDA Web soil survey. The thickness of the soil as determined by the topographic relief ranges up

to 2 feet thick. The existing building and parking lot are another type of cover at the project site and this cover is impervious to fluid infiltration (see Geologic Map).

### **Site Structural Geology**

The project site does not appear to be affected by faulting and none were noted within the boundary during the field mapping, aerial photograph review, or geologic map review. Any faults that might exist are hidden by the soil cover and building/parking lot on the project site.

### **Geologic Features**

Less than 1% of outcrops of the bedrock formation was observed at the project site. No sensitive geologic features were observed on the project site. The closed depressions that occur on the site are non-karstic in origin. The four closed depressions appear to be settling basins for surficial stormwater runoff. In general, there appears to be little potential for fluid movement from the project site to the Edwards Aquifer due to the lack of karstic features, the lack of rock outcrops at the site, the lack of Edwards Formation limestone bedrock, the presence of impervious building/parking lot (see Geologic Map), and the presence of soil at the project site. There was no evidence of springs on the project site. Photographs of the features discussed are presented below.

Building and parking lot (impervious to infiltration).



View to the southwest of geologic feature S-1 (settling basin).

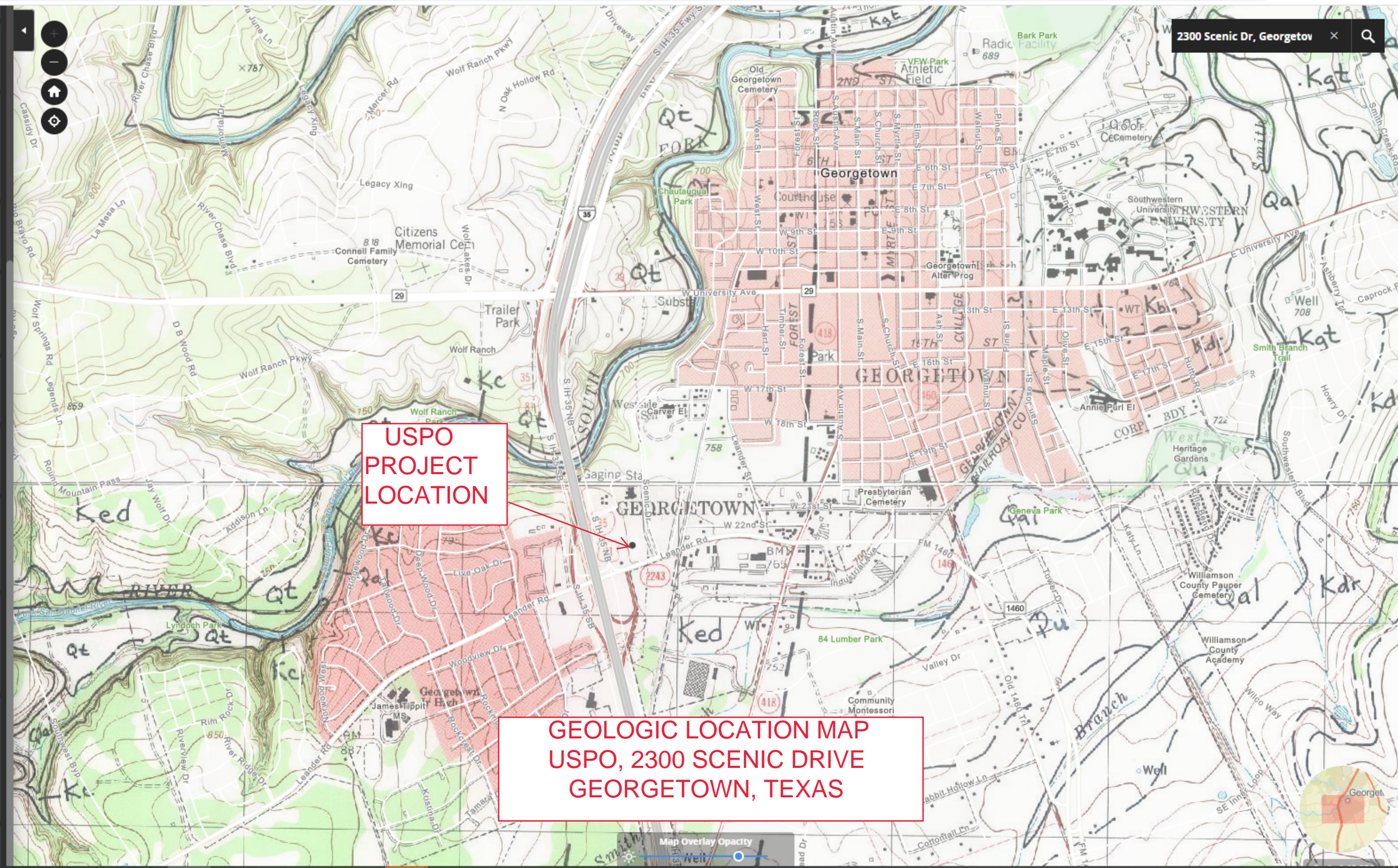


View to the southwest of closed depression (settling basin) S-2.





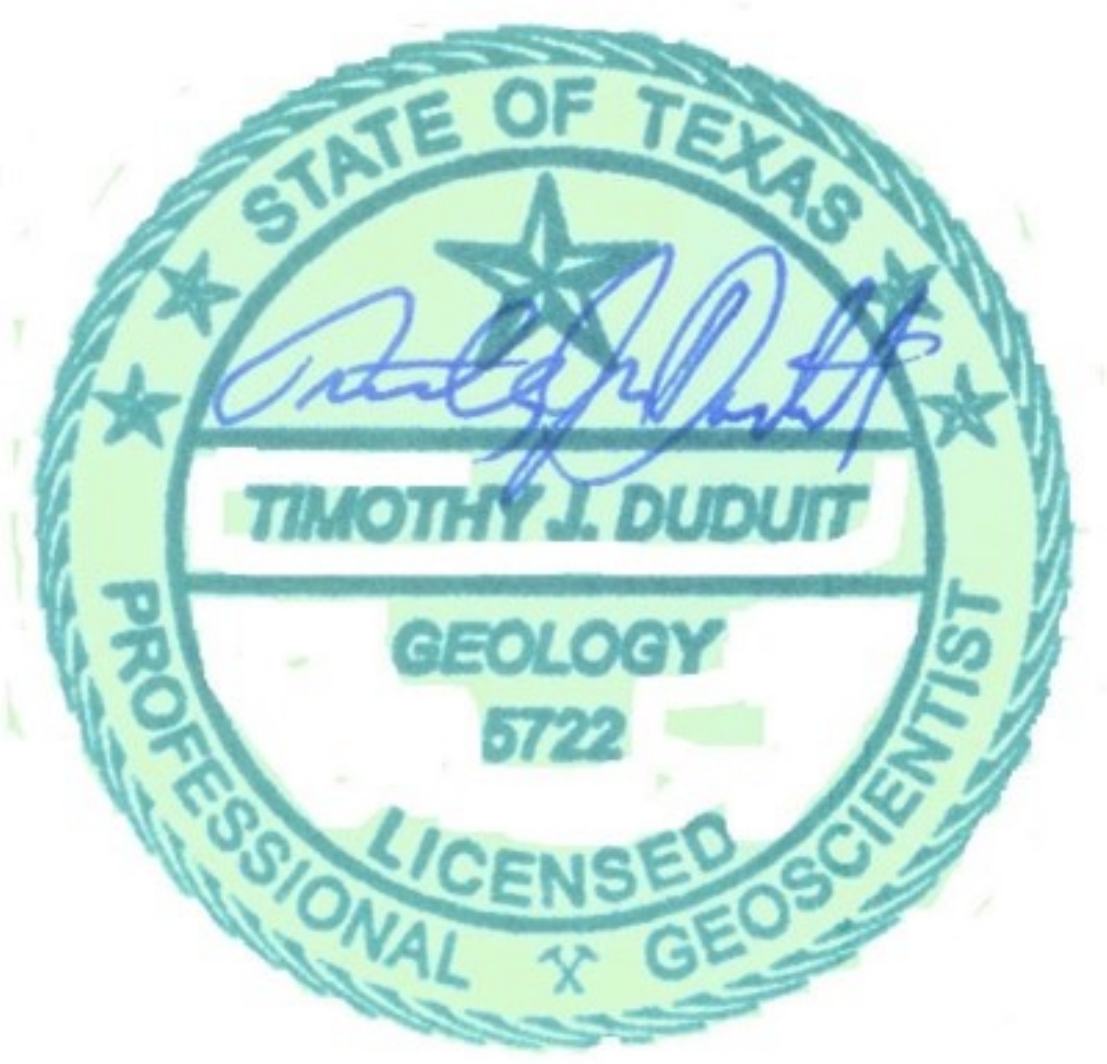
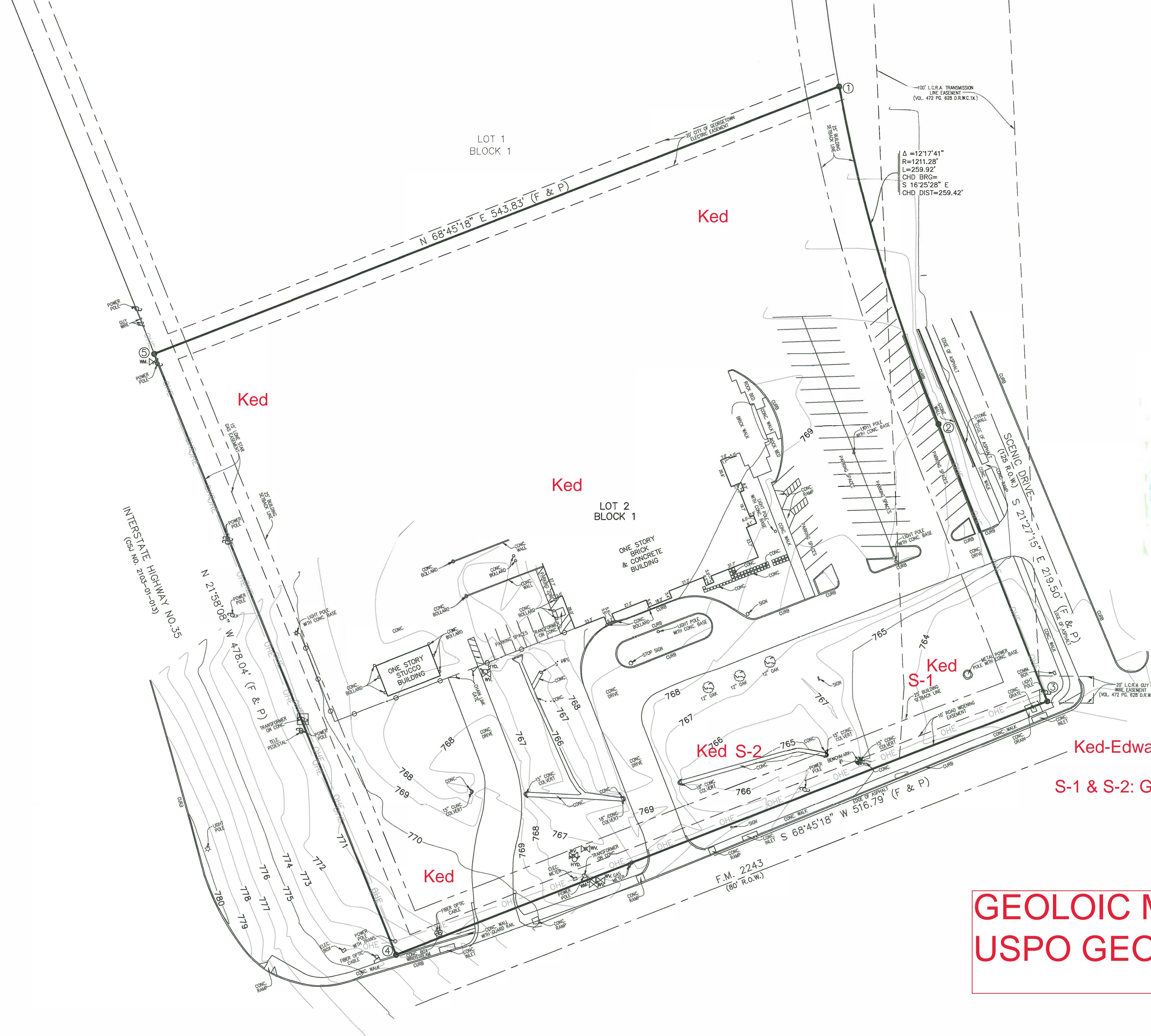
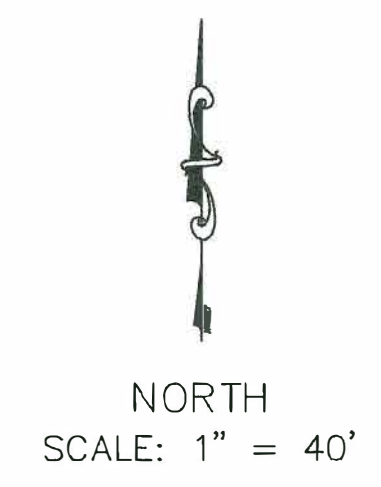
- Stoeser, D.B., Shock, Nancy, Green, G.N., Dumonceaux, G.M., and Heran, W.D., 2006, **Geologic map database of Texas**, U.S. Geological Survey, Data Series DS-170, 1:500,000. [Bed](#) [GIS](#)
- Collins, E.W., 2005, **Geologic map of the west half of the Taylor, Texas, 30 X 60 minute quadrangle: central Texas urban corridor, encompassing Round Rock, Georgetown, Salado, Briggs, Liberty Hill, and Leander**, University of Texas at Austin, Bureau of Economic Geology, *Miscellaneous Map 43*, 1:100,000. [Bed](#) [In View](#)
- Soller, D.R. and Rehels, M.C., 2004, **Surficial materials in the conterminous United States**, U.S. Geological Survey, *Open-File Report OF-2003-275*, 1:5,000,000. [Surf](#)
- Texas Commission on Environmental Quality, 2004, **Geologic atlas of Texas (GAT sheets)**, University of Texas at Austin, Bureau of Economic Geology, Texas Commission on Environmental Quality, *series unknown*, 1:250,000. [Bed](#)
- Collins, E.W., 1997, **Geologic map of the Round Rock quadrangle, Texas**, University of Texas at Austin, Bureau of Economic Geology, *Open-File Map OFM0013*, 1:24,000. [Bed](#) [In View](#)
- Collins, E.W., 1997, **Geologic map of the Georgetown quadrangle, Texas**, University of Texas at Austin, Bureau of Economic Geology, *series unknown*, 1:24,000. [Bed](#) [In View](#)
- Moore, D.W., Wermund, E.G., Richmond, G.M., and Christiansen, A.C., 1993, **Quaternary geologic map of the Austin 4 degrees x 6 degrees quadrangle, United States**, U.S. Geological Survey, *Miscellaneous Investigations Series Map I-1420(NH-14)*, 1:1,000,000. [Surf](#) [GIS](#)
- University of Texas at Austin, Bureau of Economic Geology, Barnes, V.E., Hartmann, Barbara, and Scranton, D.F., 1992, **Geologic map of Texas**, University of Texas at Austin, Bureau of Economic Geology, *series unknown*, 1:500,000. [Bed](#) [In View](#)
- Barnes, V.E., Shell Oil Co., Humble Oil and Refining Co., Mobile Oil Co., Proctor, C.V., Brown, T.E., McGowen, J.H., Waechter, N.B., Eargle, D.H., Baker, E.T., Peckman, R.C., and Bluntzer, R.L., 1974, **Geologic atlas of Texas, Austin sheet**, University of Texas at Austin, Bureau of Economic Geology, *Geologic Atlas of Texas 3*, 1:250,000. [Bed](#) [In View](#)
- Willis, Bailey, 1912, **Index to the stratigraphy of North America accompanied by a geologic map of North America**, U.S. Geological Survey



**USPO  
PROJECT  
LOCATION**

**GEOLOGIC LOCATION MAP  
USPO, 2300 SCENIC DRIVE  
GEORGETOWN, TEXAS**

\*THE BEARINGS AND COORDINATES FOR THIS SURVEY ARE BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM (GRID), CENTRAL ZONE (4203), NORTH AMERICAN DATUM 1983 (NA2011), EPOCH 2010.  
 BENCHMARKS:  
 BENCHMARK #1= NAIL WITH WASHER SET ON CONCRETE WING WALL ELEVATION= 766.77'



- LEGEND:
- ① = FOUND 1/2" IRON BAR WITHOUT A CAP
  - ② = SET 1/2" IRON BAR WITH AN ORANGE CAP MARKED "SLS RPLS 5142"
  - ③ = FOUND BROKEN CONCRETE MONUMENT
  - ④ = SET CHISELED "X" ON CONCRETE
  - ⑤ = POWER POLE
  - (F) = FIELD BEARING
  - (P) = PLAT BEARING
  - = CHAIN LINK FENCE
  - WM, ⊗ = WATER METER
  - W, ⊗ = WATER VALVE
  - ⊕ = POWER POLE
  - OHE— = OVER HEAD ELECTRIC
  - R.O.W. = RIGHT-OF-WAY
  - COV. = COVERED
  - CONC. = CONCRETE
  - TRANS. = TRANSFORMER
  - ELEC. = ELECTRIC
  - CHD BRG = CHORD BEARING
  - CHD DIST = CHORD DISTANCE
  - Δ = DELTA ANGLE
  - ⊕ = FIRE HYDRANT
  - ⊙ = LIGHT POLE
  - NA = NATIONAL ADJUSTMENT
  - D.R.W.C.TX. = DEED RECORDS OF WILLIAMSON COUNTY, TEXAS
  - CSJ = CONTROL STATION JOB
  - ⊕ = BENCHMARK

Ked-Edwards Formation  
 S-1 & S-2: Geologic Features

# GEOLOGIC MAP USPO GEORGETOWN, TEXAS

CATEGORY 6, CONDITION II,  
 TOPOGRAPHIC SURVEY OF  
 LOT 2, BLOCK 1,  
 GEORGETOWN POST OFFICE  
 SUBDIVISION  
 WILLIAMSON COUNTY, TEXAS

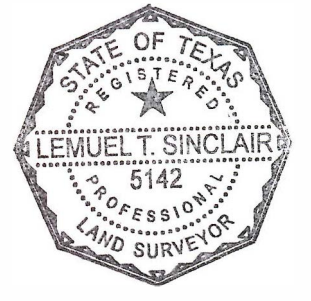
CABINET: J SLIDE: 175-176, PLAT RECORDS

STATE OF TEXAS  
 COUNTY OF WILLIAMSON

WE, SINCLAIR LAND SURVEYING, INC. CERTIFY THAT THIS MAP WAS PREPARED FROM A SURVEY MADE ON THE GROUND AND IS GENERALLY IN ACCORDANCE WITH A CATEGORY 6, CONDITION II TOPOGRAPHIC SURVEY AS SPECIFIED IN THE TEXAS SOCIETY OF PROFESSIONAL SURVEYORS MANUAL OF PRACTICE FOR LAND SURVEYING IN THE STATE OF TEXAS, DATED DECEMBER 2021 AND THAT THERE ARE NO VISIBLE OR APPARENT EASEMENTS OR ENCROACHMENTS, EXCEPT AS SHOWN.

BY:   
 LEMUEL T. SINCLAIR  
 REGISTERED PROFESSIONAL LAND SURVEYOR NO. 5142

DATE: FEBRUARY 10, 2023



ADDRESS: 2300 SCENIC DRIVE  
 DRAWN BY: WJ CREW CHIEF: PP

# Water Pollution Abatement Plan Application

Texas Commission on Environmental Quality

for Regulated Activities on the Edwards Aquifer Recharge Zone and Relating to 30 TAC §213.5(b), Effective June 1, 1999

*To ensure that the application is administratively complete, confirm that all fields in the form are complete, verify that all requested information is provided, consistently reference the same site and contact person in all forms in the application, and ensure forms are signed by the appropriate party.*

*Note: Including all the information requested in the form and attachments contributes to more streamlined technical reviews.*

## Signature

To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This **Water Pollution Abatement Plan Application Form** is hereby submitted for TCEQ review and Executive Director approval. The form was prepared by:

Print Name of Customer/Agent: Matthew A. Cain

Date: 05/05/2023

Signature of Customer/Agent:



Regulated Entity Name: Georgetown Post Office

## Regulated Entity Information

1. The type of project is:

- Residential: Number of Lots: \_\_\_\_\_
- Residential: Number of Living Unit Equivalents: \_\_\_\_\_
- Commercial
- Industrial
- Other: \_\_\_\_\_

2. Total site acreage (size of property): 5.73

3. Estimated projected population: 36

4. The amount and type of impervious cover expected after construction are shown below:

**Table 1 - Impervious Cover Table**

Impervious Cover of Proposed Project	Sq. Ft.	Sq. Ft./Acre	Acres
Structures/Rooftops	0	÷ 43,560 =	0
Parking	0	÷ 43,560 =	0
Other paved surfaces		÷ 43,560 =	
Total Impervious Cover	-1838	÷ 43,560 =	-0.04

**Total Impervious Cover  $-0.04 \div$  Total Acreage  $5.73 \times 100 = -0.70\%$  Impervious Cover**

5.  **Attachment A - Factors Affecting Surface Water Quality.** A detailed description of all factors that could affect surface water and groundwater quality that addresses ultimate land use is attached.
6.  Only inert materials as defined by 30 TAC §330.2 will be used as fill material.

***For Road Projects Only***

**Complete questions 7 - 12 if this application is exclusively for a road project.**

7. Type of project:

- TXDOT road project.
- County road or roads built to county specifications.
- City thoroughfare or roads to be dedicated to a municipality.
- Street or road providing access to private driveways.

8. Type of pavement or road surface to be used:

- Concrete
- Asphaltic concrete pavement
- Other: \_\_\_\_\_

9. Length of Right of Way (R.O.W.): \_\_\_\_\_ feet.

Width of R.O.W.: \_\_\_\_\_ feet.

$L \times W =$  \_\_\_\_\_  $\text{Ft}^2 \div 43,560 \text{ Ft}^2/\text{Acre} =$  \_\_\_\_\_ acres.

10. Length of pavement area: \_\_\_\_\_ feet.

Width of pavement area: \_\_\_\_\_ feet.

$L \times W =$  \_\_\_\_\_  $\text{Ft}^2 \div 43,560 \text{ Ft}^2/\text{Acre} =$  \_\_\_\_\_ acres.

Pavement area \_\_\_\_\_ acres  $\div$  R.O.W. area \_\_\_\_\_ acres  $\times 100 =$  \_\_\_\_\_ % impervious cover.

11.  A rest stop will be included in this project.
- A rest stop will not be included in this project.

12.  Maintenance and repair of existing roadways that do not require approval from the TCEQ Executive Director. Modifications to existing roadways such as widening roads/adding shoulders totaling more than one-half (1/2) the width of one (1) existing lane require prior approval from the TCEQ.

### ***Stormwater to be generated by the Proposed Project***

13.  **Attachment B - Volume and Character of Stormwater.** A detailed description of the volume (quantity) and character (quality) of the stormwater runoff which is expected to occur from the proposed project is attached. The estimates of stormwater runoff quality and quantity are based on the area and type of impervious cover. Include the runoff coefficient of the site for both pre-construction and post-construction conditions.

### ***Wastewater to be generated by the Proposed Project***

14. The character and volume of wastewater is shown below:

_____ % Domestic	_____ Gallons/day
_____ % Industrial	_____ Gallons/day
_____ % Commingled	_____ Gallons/day
TOTAL gallons/day _____	

15. Wastewater will be disposed of by:

On-Site Sewage Facility (OSSF/Septic Tank):

**Attachment C - Suitability Letter from Authorized Agent.** An on-site sewage facility will be used to treat and dispose of the wastewater from this site. The appropriate licensing authority's (authorized agent) written approval is attached. It states that the land is suitable for the use of private sewage facilities and will meet or exceed the requirements for on-site sewage facilities as specified under 30 TAC Chapter 285 relating to On-site Sewage Facilities.

Each lot in this project/development is at least one (1) acre (43,560 square feet) in size. The system will be designed by a licensed professional engineer or registered sanitarian and installed by a licensed installer in compliance with 30 TAC Chapter 285.

Sewage Collection System (Sewer Lines):

Private service laterals from the wastewater generating facilities will be connected to an existing SCS.

Private service laterals from the wastewater generating facilities will be connected to a proposed SCS.

The SCS was previously submitted on \_\_\_\_\_.

The SCS was submitted with this application.

The SCS will be submitted at a later date. The owner is aware that the SCS may not be installed prior to Executive Director approval.

The sewage collection system will convey the wastewater to the \_\_\_\_\_ (name) Treatment Plant. The treatment facility is:

Existing.

Proposed.

16.  All private service laterals will be inspected as required in 30 TAC §213.5.

## **Site Plan Requirements**

**Items 17 – 28 must be included on the Site Plan.**

17.  The Site Plan must have a minimum scale of 1" = 400'.

Site Plan Scale: 1" = 30'.

18. 100-year floodplain boundaries:

Some part(s) of the project site is located within the 100-year floodplain. The floodplain is shown and labeled.

No part of the project site is located within the 100-year floodplain.

The 100-year floodplain boundaries are based on the following specific (including date of material) sources(s): FEMA FIRM Panel 48491C0485F, dated 12/20/2019

19.  The layout of the development is shown with existing and finished contours at appropriate, but not greater than ten-foot contour intervals. Lots, recreation centers, buildings, roads, open space, etc. are shown on the plan.

The layout of the development is shown with existing contours at appropriate, but not greater than ten-foot intervals. Finished topographic contours will not differ from the existing topographic configuration and are not shown. Lots, recreation centers, buildings, roads, open space, etc. are shown on the site plan.

20. All known wells (oil, water, unplugged, capped and/or abandoned, test holes, etc.):

There are \_\_\_\_\_ (#) wells present on the project site and the locations are shown and labeled. (Check all of the following that apply)

The wells are not in use and have been properly abandoned.

The wells are not in use and will be properly abandoned.

The wells are in use and comply with 16 TAC §76.

There are no wells or test holes of any kind known to exist on the project site.

21. Geologic or manmade features which are on the site:

All sensitive geologic or manmade features identified in the Geologic Assessment are shown and labeled.

No sensitive geologic or manmade features were identified in the Geologic Assessment.

**Attachment D - Exception to the Required Geologic Assessment.** A request and justification for an exception to a portion of the Geologic Assessment is attached.

- 22.  The drainage patterns and approximate slopes anticipated after major grading activities.
- 23.  Areas of soil disturbance and areas which will not be disturbed.
- 24.  Locations of major structural and nonstructural controls. These are the temporary and permanent best management practices.
- 25.  Locations where soil stabilization practices are expected to occur.
- 26.  Surface waters (including wetlands).  
 N/A
- 27.  Locations where stormwater discharges to surface water or sensitive features are to occur.  
 There will be no discharges to surface water or sensitive features.
- 28.  Legal boundaries of the site are shown.

### ***Administrative Information***

- 29.  Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions. The copies must be submitted to the appropriate regional office.
- 30.  Any modification of this WPAP will require Executive Director approval, prior to construction, and may require submission of a revised application, with appropriate fees.

## ATTACHMENT A: FACTORS AFFECTING WATER QUALITY

Storm water quality has the potential to be affected temporarily during the construction of the proposed improvements. The site is currently owned and operated by the USPS. The proposed improvements reduce the impervious cover to the existing site by 0.04 Acres.

Water quality during the construction phase of the project will primarily be impacted due to siltation caused by erosion of un-stabilized soils and the potential for spills or contamination of storm water due to uncleaned areas. Structural and operational BMP's will be utilized to reduce the potential of adverse effects.

Because the impervious cover is being reduced and the temporary BMP's are being utilized to reduce the potential adverse effects within the construction phase, there will be no permanent BMP's added to this project.



## ATTACHMENT B: VOLUME AND CHARACTER OF STORMWATER

### EXISTING SITE CONDITIONS

The existing site is located at 2300 Scenic Drive in Georgetown, Texas. The site consists of approximately 5.73 acres and is currently operated by the United States Postal Service as the Georgetown Post Office. The site improvements currently consist of removing the two drives along FM 2243 and replacing with a single drive lane. The site proposed improvements at the frontage flow from west to east through multiple existing detention ponds. The existing grate inlet at the southeast corner of the property serves as the existing detention outfall structure. The adjacent runoff from interstate highway 35 directly flows across the eastern property line onto the site.

### ANALYSIS AND DESIGN

The concepts and analysis used to determine the drainage characteristics are from the City of Georgetown Drainage Criteria Manual. The rational method was used to calculate the existing and proposed peak runoff values. The new drive configuration required proposed grading to match the pre-construction detention pond storage. In comparison, the pre and post detention pond storage is identical, but the proposed improvements also reduced the impervious cover for the site.

### EXISTING DRAINAGE CONDITIONS

The site currently consists of an impervious cover percentage of 62%. The site is broken up into multiple basins to properly gauge how much flow is going into each storm structure. Basin A-1 drains to the existing 15" reinforced concrete pipe culvert under the western drive lane. Basin A-1 drains into Basin A-3 (which is the existing "detention pond - B"). Basin A-2 drains to Basin A-3 ("detention pond - B") through an existing storm structure. Basin A-3 (detention pond -B) from through an existing 18" reinforced concrete pipe culvert to the existing "detention pond -A". Basin A-4 illustrates the flow that is conveyed to detention pond -A. Basin A-4 drains through an existing 15" reinforced concrete pipe culvert to a swale that outfalls to an existing grate inlet. The calculated peak runoff for the 100 year storm event at the detention pond -A outfall is 22.19 CFS.

### PROPOSED DRAINAGE CONDITIONS

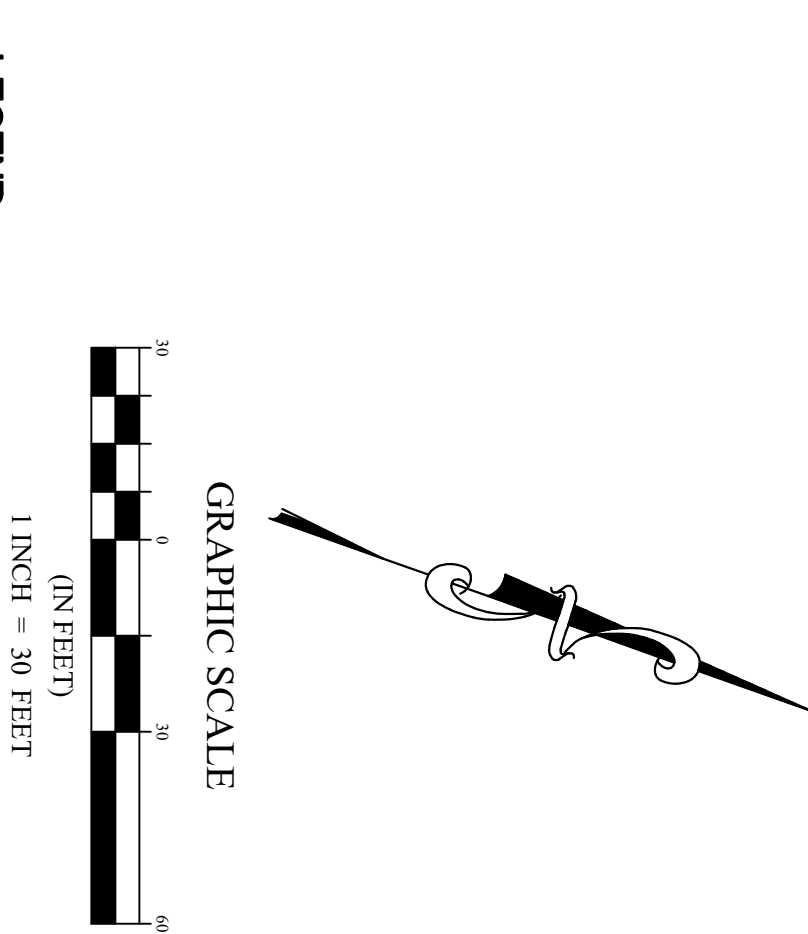
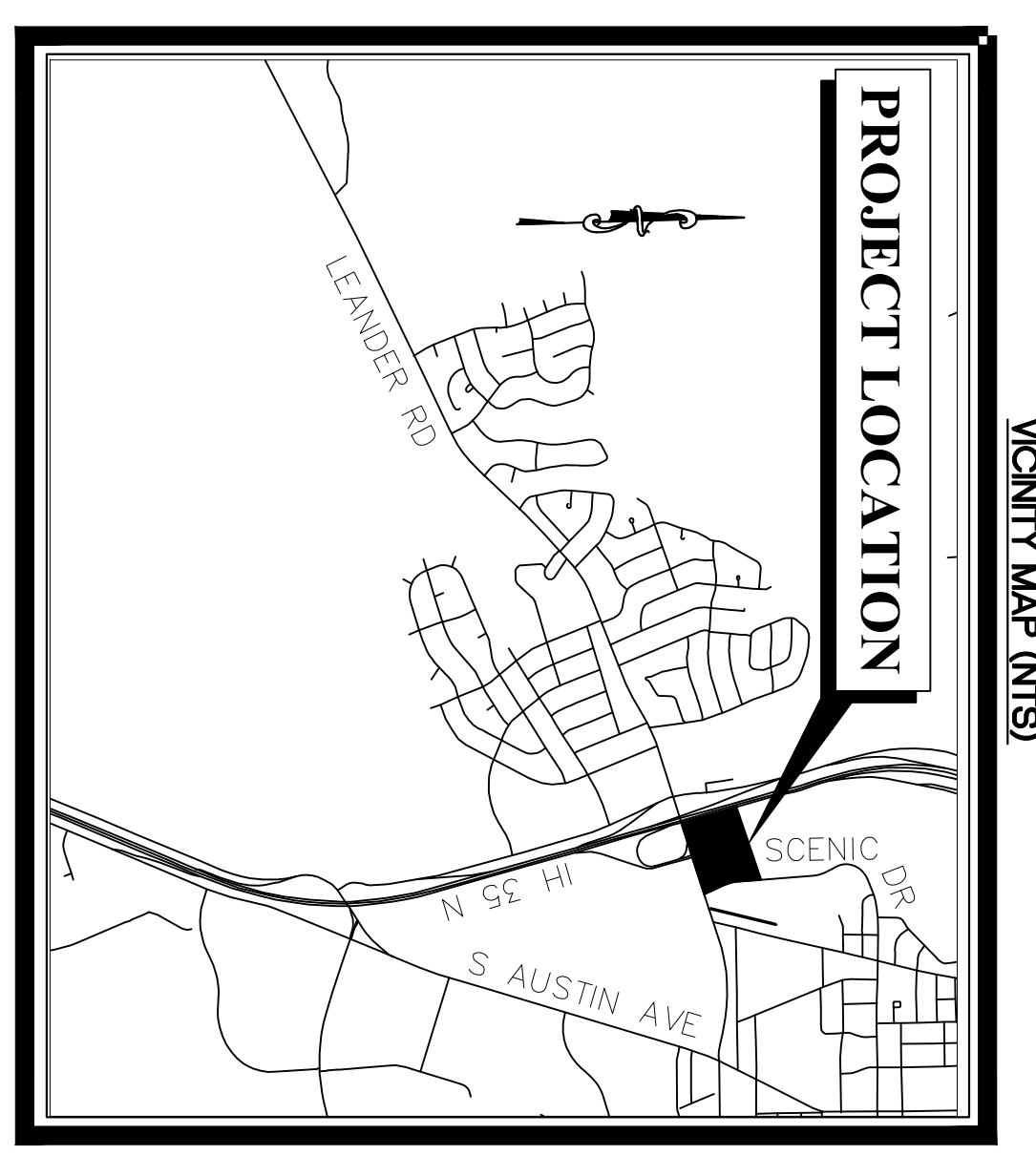
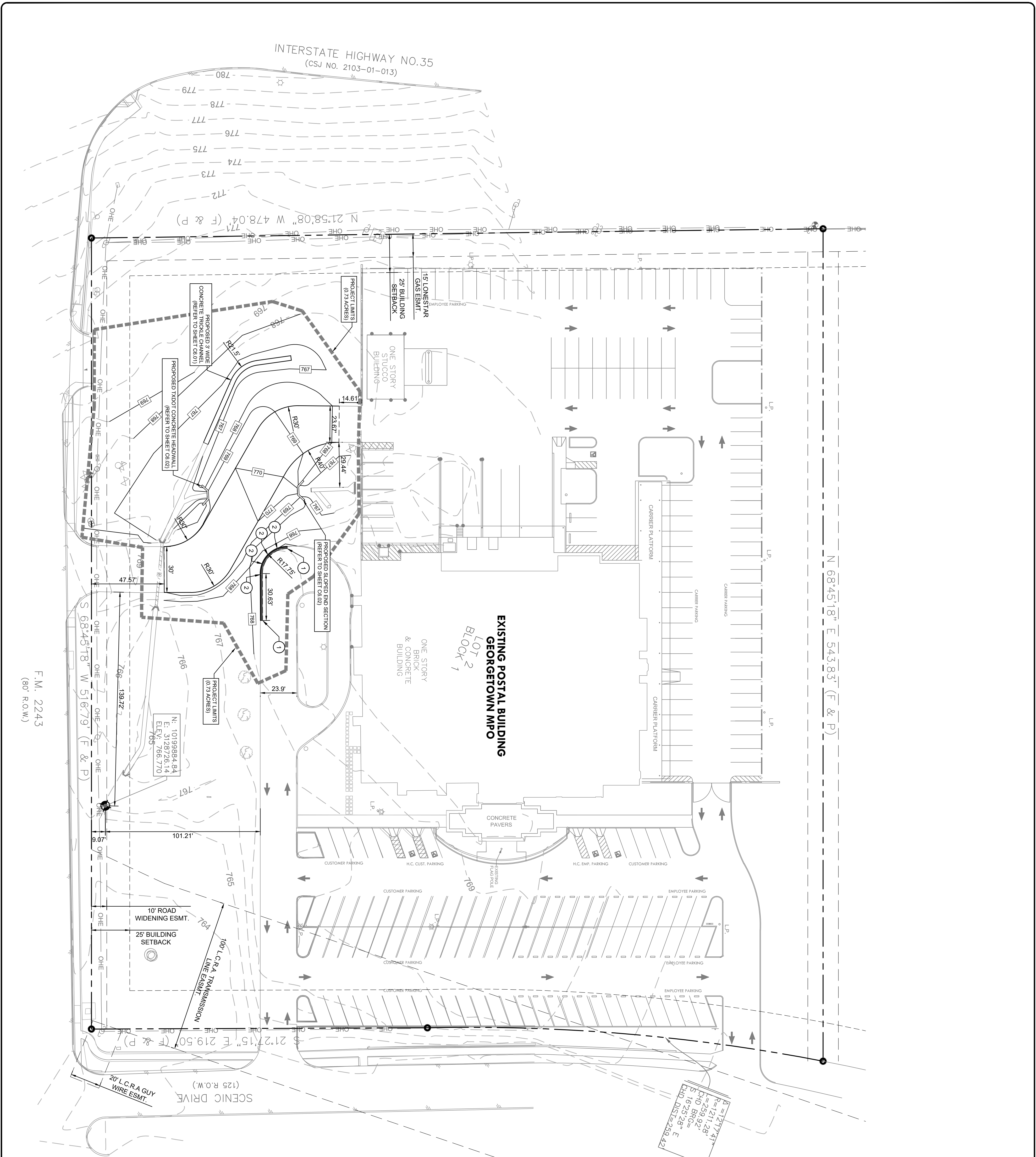
Generally, the proposed drainage conditions mimic the existing, with the exception that the existing 2 access drives have been replaced by a single access drive. The impervious cover in the developed condition has been reduced to 61%. Detention pond -B has been regraded to match the existing detention storage capacity. The calculated peak runoff for the 100 year storm event at the detention pond -A outfall is 21.71 CFS.

#### PROPOSED DETENTION

The existing detention pond capacity was 0.20 acre-ft, while the proposed condition also has detention pond capacity of 0.20 acre-ft.

#### WATER QUALITY

No permanent water quality BMP's are being added to the project because the impervious cover is being reduced and the temporary BMP's are being utilized to reduce the potential adverse effects within the construction phase.



- LEGEND**
- FULL DEPTH SAWJOIT (APPROXIMATE)
  - BOUNDARY / PROPERTY LINE
  - EASEMENT LINE
  - BUILDING SETBACK
  - EXISTING FENCE LINE

- NOTES**
1. THE CONTRACTOR SHALL INSTALL EXPANSION JOINTS EVERY 200 FEET AND CONTRACTION JOINTS EVERY 15 FEET MINIMUM FOR ALL CONCRETE PAVING, CURBS AND SIDEWALKS.
  2. ALL DIMENSIONS ARE TO PROPERTY LINE, EASEMENT LINE, BUILDING FACE, OR FACE OF CURB UNLESS OTHERWISE NOTED.

- KEY NOTES**
- ① CONCRETE CURB (REFER TO 06.01 FOR DETAILS)
  - ② CONCRETE CURB OPENINGS (REFER TO 06.01 FOR DETAILS)

**PROJECT SUMMARY**

TOTAL SITE AREA:	5.73 ACRES
TOTAL PROJECT AREA:	0.73 ACRES
PROJECT NAME:	USPS SITE MODIFICATIONS MAIN POST OFFICE
SITE ADDRESS:	2300 SCENIC DRIVE, GEORGETOWN, TEXAS 78626
EXISTING USE:	USPS POST OFFICE
EXISTING IMPERVIOUS COVER:	153,910 SQ. FT. (3.53 ACRES)
IMPERVIOUS COVER REDUCTION:	1,801 SQ. FT. (0.04 ACRES)
PROPOSED IMPERVIOUS COVER:	152,109 SQ. FT. (3.49 ACRES)

**BENCHMARKS**

BM #1: MAIN WALK WITH WASHER SET IN CONCRETE WING WALL

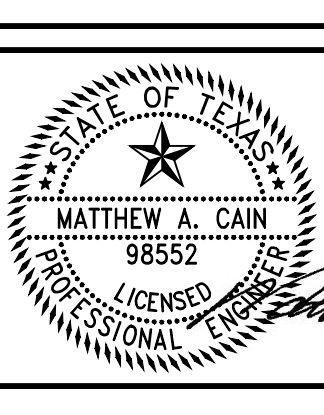
UNDERGROUND UTILITIES: ALL CONTRACTORS MUST CALL THE TEXAS EXCAVATION SAFETY SERVICE AT 1-800-DIG-TESS (1-800-344-8377) / TEXAS ONE CALL 1-800-245-4345 48 HOURS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.

**NOTES**

NOTHING = 10199 894.84  
 EXISTING = 31287 261.4  
 ELEVATION = 766.77'

REV.	REV. DATE	DESCRIPTION

SCALE:	
DESIGNED BY:	JMG
DRAWN BY:	JMG
CHECKED BY:	JMG
DATE:	MAY 5, 2023
PROJECT NO.:	23-017C



**USPS SITE MODIFICATIONS  
 MAIN POST OFFICE**

2300 SCENIC DRIVE,  
 GEORGETOWN, TX 78626

05/05/2023

**CLICK ENGINEERING**

2218 BRYAN STREET  
 SUITE 150  
 DALLAS, TEXAS 75201  
 P. 214.871.2302

TEXAS REG. NO. F-10142

F.M. 2243  
 (80' R.O.W.)

# Temporary Stormwater Section

## Texas Commission on Environmental Quality

for Regulated Activities on the Edwards Aquifer Recharge Zone and Relating to 30 TAC §213.5(b)(4)(A), (B), (D)(I) and (G); Effective June 1, 1999

**To ensure that the application is administratively complete, confirm that all fields in the form are complete, verify that all requested information is provided, consistently reference the same site and contact person in all forms in the application, and ensure forms are signed by the appropriate party.**

**Note: Including all the information requested in the form and attachments contributes to more streamlined technical reviews.**

## Signature

To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This **Temporary Stormwater Section** is hereby submitted for TCEQ review and executive director approval. The application was prepared by:

Print Name of Customer/Agent: Matthew A. Cain

Date: 05/05/2023

Signature of Customer/Agent:



Regulated Entity Name: Georgetown Post Office

## Project Information

### Potential Sources of Contamination

*Examples: Fuel storage and use, chemical storage and use, use of asphaltic products, construction vehicles tracking onto public roads, and existing solid waste.*

1. Fuels for construction equipment and hazardous substances which will be used during construction:

The following fuels and/or hazardous substances will be stored on the site: \_\_\_\_\_

These fuels and/or hazardous substances will be stored in:

- Aboveground storage tanks with a cumulative storage capacity of less than 250 gallons will be stored on the site for less than one (1) year.

- Aboveground storage tanks with a cumulative storage capacity between 250 gallons and 499 gallons will be stored on the site for less than one (1) year.
- Aboveground storage tanks with a cumulative storage capacity of 500 gallons or more will be stored on the site. An Aboveground Storage Tank Facility Plan application must be submitted to the appropriate regional office of the TCEQ prior to moving the tanks onto the project.
- Fuels and hazardous substances will not be stored on the site.
- 2.  **Attachment A - Spill Response Actions.** A site specific description of the measures to be taken to contain any spill of hydrocarbons or hazardous substances is attached.
- 3.  Temporary aboveground storage tank systems of 250 gallons or more cumulative storage capacity must be located a minimum horizontal distance of 150 feet from any domestic, industrial, irrigation, or public water supply well, or other sensitive feature.
- 4.  **Attachment B - Potential Sources of Contamination.** A description of any activities or processes which may be a potential source of contamination affecting surface water quality is attached.

### ***Sequence of Construction***

- 5.  **Attachment C - Sequence of Major Activities.** A description of the sequence of major activities which will disturb soils for major portions of the site (grubbing, excavation, grading, utilities, and infrastructure installation) is attached.
  - For each activity described, an estimate (in acres) of the total area of the site to be disturbed by each activity is given.
  - For each activity described, include a description of appropriate temporary control measures and the general timing (or sequence) during the construction process that the measures will be implemented.
- 6.  Name the receiving water(s) at or near the site which will be disturbed or which will receive discharges from disturbed areas of the project: San Gabriel River

### ***Temporary Best Management Practices (TBMPs)***

*Erosion control examples: tree protection, interceptor swales, level spreaders, outlet stabilization, blankets or matting, mulch, and sod. Sediment control examples: stabilized construction exit, silt fence, filter dikes, rock berms, buffer strips, sediment traps, and sediment basins. Please refer to the Technical Guidance Manual for guidelines and specifications. All structural BMPs must be shown on the site plan.*

- 7.  **Attachment D – Temporary Best Management Practices and Measures.** TBMPs and measures will prevent pollution of surface water, groundwater, and stormwater. The construction-phase BMPs for erosion and sediment controls have been designed to retain sediment on site to the extent practicable. The following information is attached:

- A description of how BMPs and measures will prevent pollution of surface water, groundwater or stormwater that originates upgradient from the site and flows across the site.
  - A description of how BMPs and measures will prevent pollution of surface water or groundwater that originates on-site or flows off site, including pollution caused by contaminated stormwater runoff from the site.
  - A description of how BMPs and measures will prevent pollutants from entering surface streams, sensitive features, or the aquifer.
  - A description of how, to the maximum extent practicable, BMPs and measures will maintain flow to naturally-occurring sensitive features identified in either the geologic assessment, TCEQ inspections, or during excavation, blasting, or construction.
8.  The temporary sealing of a naturally-occurring sensitive feature which accepts recharge to the Edwards Aquifer as a temporary pollution abatement measure during active construction should be avoided.
- Attachment E - Request to Temporarily Seal a Feature.** A request to temporarily seal a feature is attached. The request includes justification as to why no reasonable and practicable alternative exists for each feature.
  - There will be no temporary sealing of naturally-occurring sensitive features on the site.
9.  **Attachment F - Structural Practices.** A description of the structural practices that will be used to divert flows away from exposed soils, to store flows, or to otherwise limit runoff discharge of pollutants from exposed areas of the site is attached. Placement of structural practices in floodplains has been avoided.
10.  **Attachment G - Drainage Area Map.** A drainage area map supporting the following requirements is attached:
- For areas that will have more than 10 acres within a common drainage area disturbed at one time, a sediment basin will be provided.
  - For areas that will have more than 10 acres within a common drainage area disturbed at one time, a smaller sediment basin and/or sediment trap(s) will be used.
  - For areas that will have more than 10 acres within a common drainage area disturbed at one time, a sediment basin or other equivalent controls are not attainable, but other TBMPs and measures will be used in combination to protect down slope and side slope boundaries of the construction area.
  - There are no areas greater than 10 acres within a common drainage area that will be disturbed at one time. A smaller sediment basin and/or sediment trap(s) will be used in combination with other erosion and sediment controls within each disturbed drainage area.

- There are no areas greater than 10 acres within a common drainage area that will be disturbed at one time. Erosion and sediment controls other than sediment basins or sediment traps within each disturbed drainage area will be used.
11.  **Attachment H - Temporary Sediment Pond(s) Plans and Calculations.** Temporary sediment pond or basin construction plans and design calculations for a proposed temporary BMP or measure have been prepared by or under the direct supervision of a Texas Licensed Professional Engineer. All construction plans and design information must be signed, sealed, and dated by the Texas Licensed Professional Engineer. Construction plans for the proposed temporary BMPs and measures are attached.
- N/A
12.  **Attachment I - Inspection and Maintenance for BMPs.** A plan for the inspection of each temporary BMP(s) and measure(s) and for their timely maintenance, repairs, and, if necessary, retrofit is attached. A description of the documentation procedures, recordkeeping practices, and inspection frequency are included in the plan and are specific to the site and/or BMP.
13.  All control measures must be properly selected, installed, and maintained in accordance with the manufacturer's specifications and good engineering practices. If periodic inspections by the applicant or the executive director, or other information indicate a control has been used inappropriately, or incorrectly, the applicant must replace or modify the control for site situations.
14.  If sediment escapes the construction site, off-site accumulations of sediment must be removed at a frequency sufficient to minimize offsite impacts to water quality (e.g., fugitive sediment in street being washed into surface streams or sensitive features by the next rain).
15.  Sediment must be removed from sediment traps or sedimentation ponds not later than when design capacity has been reduced by 50%. A permanent stake will be provided that can indicate when the sediment occupies 50% of the basin volume.
16.  Litter, construction debris, and construction chemicals exposed to stormwater shall be prevented from becoming a pollutant source for stormwater discharges (e.g., screening outfalls, picked up daily).

### ***Soil Stabilization Practices***

*Examples: establishment of temporary vegetation, establishment of permanent vegetation, mulching, geotextiles, sod stabilization, vegetative buffer strips, protection of trees, or preservation of mature vegetation.*

17.  **Attachment J - Schedule of Interim and Permanent Soil Stabilization Practices.** A schedule of the interim and permanent soil stabilization practices for the site is attached.

18.  Records must be kept at the site of the dates when major grading activities occur, the dates when construction activities temporarily or permanently cease on a portion of the site, and the dates when stabilization measures are initiated.
19.  Stabilization practices must be initiated as soon as practicable where construction activities have temporarily or permanently ceased.

### ***Administrative Information***

20.  All structural controls will be inspected and maintained according to the submitted and approved operation and maintenance plan for the project.
21.  If any geologic or manmade features, such as caves, faults, sinkholes, etc., are discovered, all regulated activities near the feature will be immediately suspended. The appropriate TCEQ Regional Office shall be immediately notified. Regulated activities must cease and not continue until the TCEQ has reviewed and approved the methods proposed to protect the aquifer from any adverse impacts.
22.  Silt fences, diversion berms, and other temporary erosion and sediment controls will be constructed and maintained as appropriate to prevent pollutants from entering sensitive features discovered during construction.



## ATTACHMENT A: SPILL RESPONSE ACTIONS

The following steps must be taken if spills or releases occur of reportable quantities as defined under TNRCC/TCEQ regulations.

1. Notify the **National Response Center (800.424.8802)**, if required by applicable law, and the Construction Manager as soon as you have knowledge of the spill. The **TCEQ should also be notified, if required, within 24 hours at 1.800.832.8224 or 512.239.2454** as required by applicable law. Local city officials should also be notified as required.
2. Take corrective actions as appropriate to contain and clean up the spill and minimize contamination of the site. These actions may include the following as appropriate:
  - **Assess the spill** – Immediately determine the character, exact source, and amount of any released materials. Response personnel will determine the need for notification of authorities and regulatory agencies and make a determination, regarding steps required to safeguard personnel (i.e., evacuation, personal protection, etc.).
  - **Stop the flow at the source** – After all required safety-related measures have been implemented, and if the potential for a further release still exists, then steps will be implemented to prevent releases to the extent possibly by cutting off the flow at the source. This may simply require the shutting of a valve or the righting of a drum. In some instances, more extensive repairs may be necessary in which case outside contractors may be contacted to stop the flow.
  - **Spill containment** – Immediately after determination of what safety precautions and containment equipment are required, then containment procedures will be implemented. Containment points include those perimeter outfalls that may be affected by the spill. In addition, portable booms, sand bags, and absorbent material may be placed around storm drains to prevent contaminants from entering storm sewers.
  - **Spill cleanup** – To the extent practicable, spilled material should be retrieved and stored in leak-proof containers until proper disposal may be accomplished. Cleanup equipment includes pads, brooms, and absorbent material. Contaminated equipment should be properly decontaminated or properly disposed. Depending upon the nature and extent of the release, the following procedures will be utilized.
    - \* Whenever possible, dry clean-up methods, such as sweeping and absorbents will be utilized.
    - \* When dry clean-up methods are not predictable or when the spilled substance is a liquid, booms will be used to prevent the release of the substance to the storm sewer system.
    - \* If appropriate, liquids generated by spills and clean-up activities will divert to the sanitary sewer system. If the substance is appropriate for the sanitary sewer system, a contractor will be employed to remove the substance.
  - **Dispose of contaminated material** – Contaminated material shall be disposed of in accordance with all federal, state, and local regulations. Exact means of disposal will depend upon the nature & volume of the contaminated material.

- **Record spill event information** – Ensure that a record of the spill event is made as soon as practicable after the event in order to recall as much detail as possible. The record should include the location of the spill, spill time, date, weather conditions, and duration of the incident. Also, a description of the type and amount of material spilled and recovered, a brief description of the cause of the spill and any environmental damage, a list of parties notified, and a description of response procedures will be kept. In addition, an evaluation should be conducted to determine measures that can be implemented to prevent a repeat of the incident. See attached Spill Response Form.
  - **Replace used spill equipment** – Following each spill event, the inventory of spill response equipment will be assessed and restocked as necessary.
3. The SWPPP must be updated within the 7 days to provide a description of the release, the circumstances leading to the release, the date of release and the corrective action taken. The plan also will be revised to reflect any changes in facility modifications or operating procedures resulting from the evaluation of the incident.

A spill is any incident in which oil, hazardous substances, industrial waste, or “other substances” contaminate or may contaminate surface water or ground water in the state of Texas. The following are examples of materials that may be found on a construction site:

<b>Material</b>	<b>Release to:</b>	<b>Reportable Quantity</b>
<b>Engine Oil, Fuel &amp; Hydraulic Brake Fluid</b>	<b>Land</b>	<b>25 Gallons</b>
<b>Engine Oil, Fuel &amp; Hydraulic Brake Fluid</b>	<b>Water</b>	<b>Visible Sheen</b>
<b>Antifreeze</b>	<b>Land</b>	<b>13 Gallons and/or 100 pounds</b>
<b>Battery Acid</b>	<b>Land or Water</b>	<b>100 pounds</b>
<b>Degreasers</b>	<b>Air, land or water</b>	<b>100 pounds</b>
<b>Gasoline</b>	<b>Air, land or water</b>	<b>100 pounds</b>
<b>Refrigerants</b>	<b>Air</b>	<b>1 pound</b>

SPILL RESPONSE FORM

Date and Time of Spill \_\_\_\_\_

Contact Name & Phone Number \_\_\_\_\_

Jobsite Address & Phone Number \_\_\_\_\_

Material Spilled \_\_\_\_\_

Estimated Quantity or Spilled Material \_\_\_\_\_

Did Spill Exceed Reportable Quantity Threshold \_\_\_\_\_

Was Spill Reported to: TCEQ (1-800-832-8224)      yes/no \_\_\_\_\_ (time & date)

National Response Center (1-800-424-8224)      yes/no \_\_\_\_\_ (time & date)

Source of Spill: \_\_\_\_\_

Did Spill Reach a Waterway:      Yes/No

If yes, name of  
waterway: \_\_\_\_\_

**Provide description of spill, how it occurred, extent of release:**

**Provide description of steps taken to contain and clean up the spill:**

**Other observations:**





## ATTACHMENT D: TEMPORARY BEST MANAGEMENT PRACTICES AND MEASURES

### Individual Items for Attachment D

- a. There are no anticipated upgradient flows that will impact the site.
- b. Silt fence, stone overflow structure, inlet protection, and other Best Management Practices (BMP's) will be utilized during construction. See General BMPs below.
- c. Site BMPs will capture pollution prior to the surface water exiting the site. The BMP's shall be maintained in accordance with the General BMPs and Inspection and Maintenance Procedures description below.
- d. There are no sensitive features on the site.

### General BMPs

A number of baseline BMPs will be utilized. The following sections present descriptions of procedures that are to be implemented throughout the Project. All BMPs shall conform to NCTCOG standards, Appendix N, and the City of Austin standards unless otherwise shown on the Civil plans prepared by Click Engineering, Inc.

### Good Housekeeping

- Vehicles and equipment should be washed down when and if excess sediment accumulates on the vehicle to prevent the tracking of sediment onto the streets, if the construction entrance is not effective.
- Garbage, trash, and waste materials are to be collected for temporary storage in dedicated containers on a regular basis. Wastes are to be regularly collected from these containers and transferred to a covered container for transport to an approved disposal facility. Waste containers are to be covered during non-working hours and rain events.
- Material delivery and storage should be delivered and stored in a specific area to limit the amount disturbed ground. The BMP map should be modified as required to show the location of the Material Storage Area (MSA).
- A site shall be designated for concrete washout on the map to limit the chance of the concrete washout coming into contact with storm water runoff if needed.
- Construction materials will be covered or stored in a covered area if practical.
- Products will be kept in their original containers with the original manufacturer's label.
- Whenever possible, all of a product will be used up before disposing of the container.
- Manufacturer's recommendations for proper use and disposal will be followed.
- Sediment shall be removed from sediment traps/sedimentation ponds before design capacity is reduced by 50%.
- Accumulations of sediment (if escaping the site) shall be removed at a frequency to minimize further negative effects and prior to the next rain event (when feasible).
- Pumped water shall be filtered if it is not retained on site.

### **Preventative Maintenance**

- If equipment is fueled on site, fueling should be done in a way that would limit the chance of fuel spillage.
- In the event a spill or release is detected, the Construction Manager shall be notified.
- Frequent inspections of parked heavy equipment will be performed to identify and repair any leaks.
- All drums, tanks and other containers are to be properly sealed and clearly labeled to help prevent spills to the storm water and to expedite clean up procedures.
- Sensitive areas (e.g. wetlands) of the site, if any, will be marked in order that access to these areas will be limited to prevent intentional or accidental intrusions.

### **Prohibited Discharges**

- Discharges from dewatering activities, including discharges from dewatering of trenches and excavations, are prohibited, unless managed by appropriate controls.
- Wastewater from wash out of concrete trucks, unless managed by appropriate controls.
- Wastewater from wash out and cleanout of stucco, pain, form release oils, curing compounds and other construction materials.
- Fuels, oils, or other pollutant used in vehicle and equipment operation and maintenance.
- Soaps or solvents used in vehicle and equipment washing.
- Contaminated liquids should not be dumped onto pavements or gravel areas of the site where they would discharge along with storm water.

In addition to the overall plan baseline BMPs outlined in the previous section, the following additional BMPs will be utilized. The BMP Map is located in Appendix J.

### **Sediment and Erosion Control**

Erosion and sediment controls will be maintained to minimize erosion and the discharge of pollutants by:

- Controlling stormwater volume and velocity.
- Minimizing the amount of soil exposed during construction.
- Minimizing the disturbance of steep slopes.
- Providing buffers in areas that are in close proximity to a surface water.
- Preserving native topsoil.
- Minimizing compaction in post-construction areas.

### **Interim Stabilization Practices (Structural BMPs)**



The following interim stabilization practices will be utilized:

<b>Interim Practices</b>	<b>When</b>	<b>Where</b>	<b>Why</b>
Silt Fence & Stone Overflow Structure	Prior to demolition and site grading and during remaining phases of construction.	As noted on the Civil plans and BMP Map.	To keep sediment from leaving the site.
Construction Entrance	Prior to demolition and site grading and during remaining phases of construction.	As noted on the Civil plans and BMP Map.	To keep sediment from leaving the site.
Inlet Protection	Immediately after storm inlet construction and during remaining phases of construction.	As noted on the Civil plans and BMP Map.	To keep sediment from leaving the site.

In addition to the above, if applicable, the following interim stabilization practices may potentially be used:

<b>Interim Practices</b>	<b>When</b>	<b>Where</b>	<b>Why</b>
Maintain grassy areas	At the beginning of the project.	Grassed areas that may not be disturbed until a later phase of construction.	To help filter runoff and reduce sediment discharges.
Cut back curb	As part of site grading.	Along streets, driveways or paved areas.	To keep sediment from leaving the site.
Mulching, seeding, sodding, or hydromulch	To be determined by the General Contractor.	Where soil have been disturbed.	To control erosion.

Once final stabilization is achieved, all interim structural controls shall be removed. The Notice of Termination (NOT) shall be filled when final stabilization is achieved and the interim structural controls are scheduled to be removed. The General Contractor may also submit an NOT if the project is turned over to the owner prior to the final stabilization provided the Owner assumes the responsibilities as outlined in this SWPPP. The Owner would then submit an NOT when final stabilization is achieved.

Accumulations of sediment (if escaping the site) shall be removed at a frequency to minimize further negative effects and prior to the next rain event (when feasible).

Permanent Stabilization Practices/Post Construction Controls.

The following permanent stabilization practices and post construction controls will be utilized.

Permanent Practices	When	Where	Why
Seeding, sodding or hydromulch	As soon as possible after the final grading phase.	As notes on the Civil plan.	To help filter runoff and reduce sediment discharges.
Maintained grassy area	At the beginning of the project and during all phases of construction.	For those areas with grass prior to construction that are not disturbed.	To help filter runoff and reduce sediment discharges.
Stormwater Detention	After site grading.	As noted on the Civil plan.	To reduce peak flow and sediment discharges.
Water Quality Vault	After site grading.	As noted on the Civil plan.	To reduce pollutant discharges.
Paved Surfaces	At the completion of the project.	As noted on the Civil plan.	To collect runoff.
Building and Other Permanent Structures	At the completion of the project.	As noted on the Civil plan.	To collect runoff.
Landscaped Areas	At the completion of the project.	As noted on the Civil plan.	To collect runoff.
Storm Drain Systems	At the completion of the project.	As noted on the Civil plan.	To collect runoff.

Contractor shall seed all disturbed areas and provide temporary irrigation, if needed, until growth of vegetation achieves 100% coverage with a 70% density to prevent erosion.

**Temporary and Permanent Stabilization Deadlines**

Stabilization measures must be initiated “immediately” whenever earth-disturbing activities have permanently or temporarily ceased on any portion of that site that will not include permanent structures.

Earth-disturbing activities have permanently ceased when clearing, grading, excavation and other activities have been completed within any area of the site that will not include permanent structures.

Earth-disturbing activities have temporarily ceased when clearing, grading, excavation and other activities will not resume for a period of 14 or more calendar days (i.e., the land will be idle, but, such activities will resume in the future) within any area of the site will not include permanent structures.

This 14 calendar day timeframe begins as soon as it is known that construction work on a portion of the site will be temporarily ceased.

“Immediately” means as soon as practical, but no later than the end of the next work day following the day when the earth disturbing activities have temporarily or permanently ceased.

See Civil plans for the design specifications of the stabilization measures utilized for this project.

Temporary Practices	When	Where	Why
Seeding, sodding or hydromulch	“Immediately” after if it is determined that construction has permanently or temporarily ceased	Disturbed areas.	To control erosion.
Mulch or other non-vegetative product, such as erosion control blankets.	“Immediately” after if it is determined that construction has permanently or temporarily ceased	Disturbed areas.	To control erosion.
Perimeter fencing around material storage area	“Immediately” after if it is determined that construction has permanently or temporarily ceased	Around the perimeter of the material storage area.	To secure the material storage area.
Tarping	“Immediately” after if it is determined that construction has permanently or temporarily ceased	Typical over stored materials.	To protect the material from rain and keep potential pollutants from becoming part of the storm water runoff.

Other Controls (Procedurals BMPs)

Construction And Waste Materials	When	Where	Why
Roadway Cleanup	During all phases when sediment is deposited on public roadways as	Collect trash to specified points as shown on BMP map.	To prevent slippery road conditions and to

	a result of construction.		keep sediment from leaving the site.
Solid Waste Management	During all phases.	Collect trash to specified points as shown on BMP map.	For sanitary, aesthetic and health reasons.
Concrete Waste Management	During paving phases, if applicable.	To be noted on the BMP Map, if applicable.	To reduce potential contamination of storm water runoff.
Dust Reduction Management	During all phases, if needed.	Where earth is disturbed.	To control dust.
Concrete Cutting Materials	During construction and paving phase, if applicable.	At concrete cutting locations, if applicable.	To control dust and dispose of waste media.
Paints, Stains, Solvents and Sealants	During all phases, if applicable.	Store in the Material Storage Area. Keep sealed when not in use.	To reduce chances of contamination of storm water runoff.
Wash Water Containment	During all phases, if applicable.	Where wash water may be contaminated.	To reduce chances of contamination of storm water runoff.
Hazardous Waste Removal	When hazardous material is no longer needed.	Remove from Material Storage Area.	To reduce chances of contamination of storm water runoff.

**Inspection and Maintenance Procedures**

Until the site is stabilized or until the Project is turned over to the owner, inspections should be done every 14 days and when a rain even of 0.5 inches or greater has occurred. Inspections could also be done every seven days without conducting inspection after rain events or as determined by governmental authorities.

The inspectors shall use the SWPPP Construction Inspection Checklist in Appendix F, at a minimum. Incidents of non-compliance should be indicated on this checklist. If no incidents of non-compliance are noted then the report must certify that the site is in compliance with the SWPPP and the permit. Periodic inspections are required to ensure that all BMPs are working correctly, do not need repair and that additional BMPs are not needed. All records shall be retained for a period of three (3) years from the date the NOT is filed.

Periodic inspections should be conducted to maintain the BMPs as described in the Plan. Areas of the site to be inspected include such things as: disturbed areas that have not been finally stabilized, areas used for material storage that are exposed to precipitation, all interim-temporary-permanent stabilization practices, offsite support areas (if any), etc.

Maintenance, corrections or repairs to the structural controls must be completed prior to the next anticipated storm event. If this is not possible, then it must be scheduled as soon as practicable. Controls that have been intentionally disabled, run-over, removed, or otherwise rendered ineffective must be replaced or corrected immediately upon discovery.

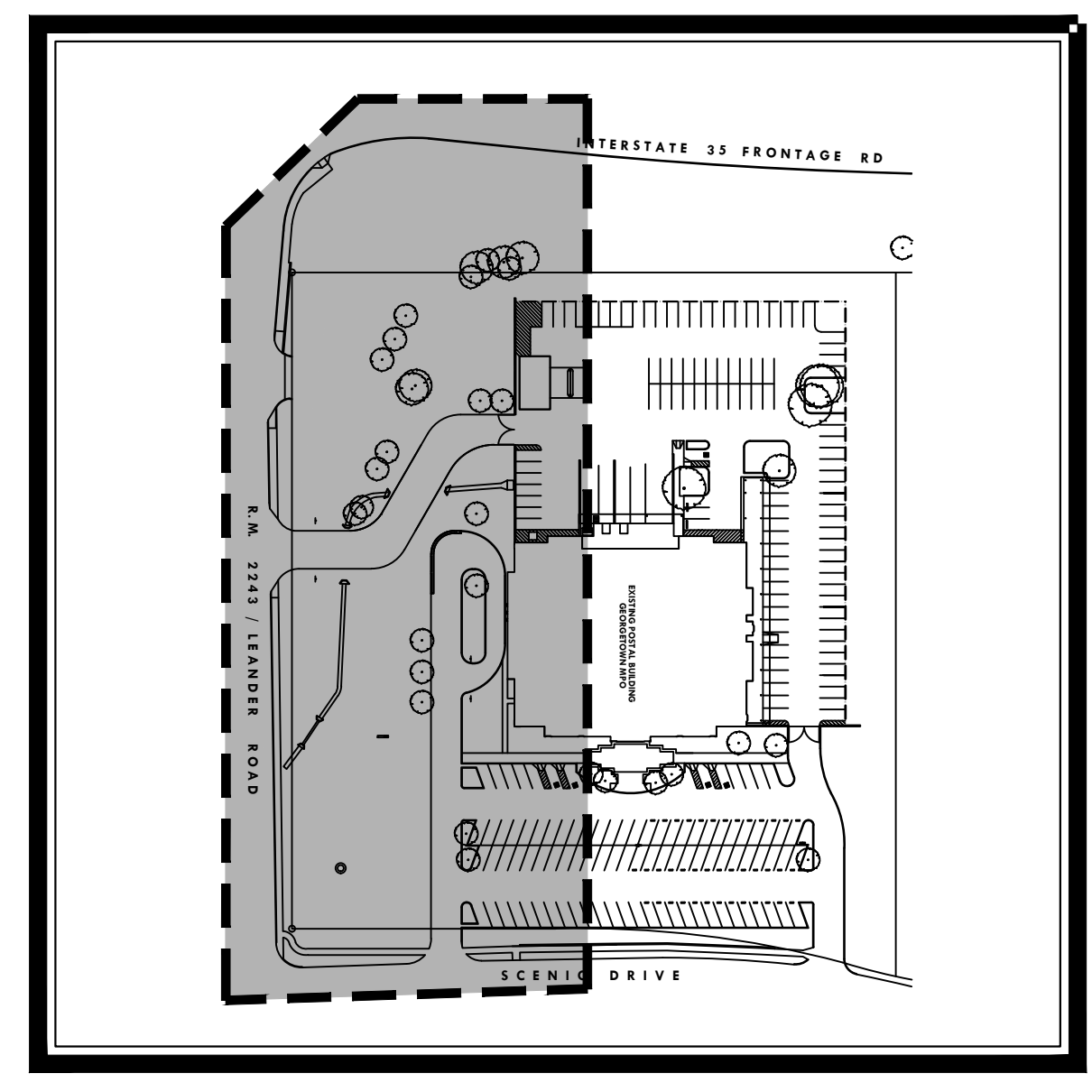
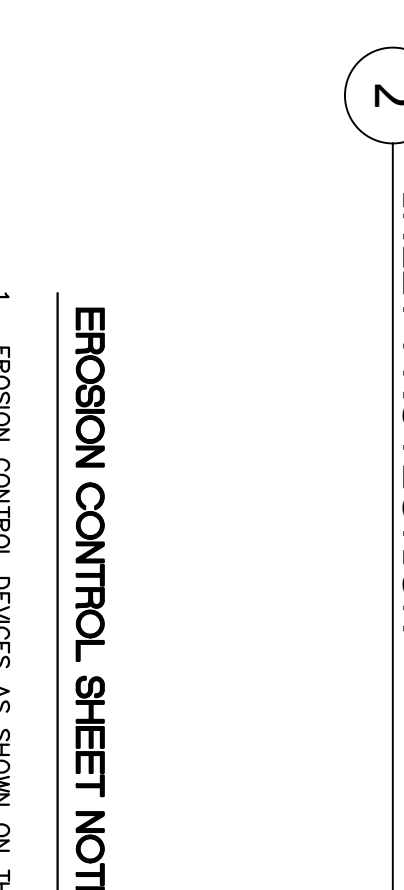
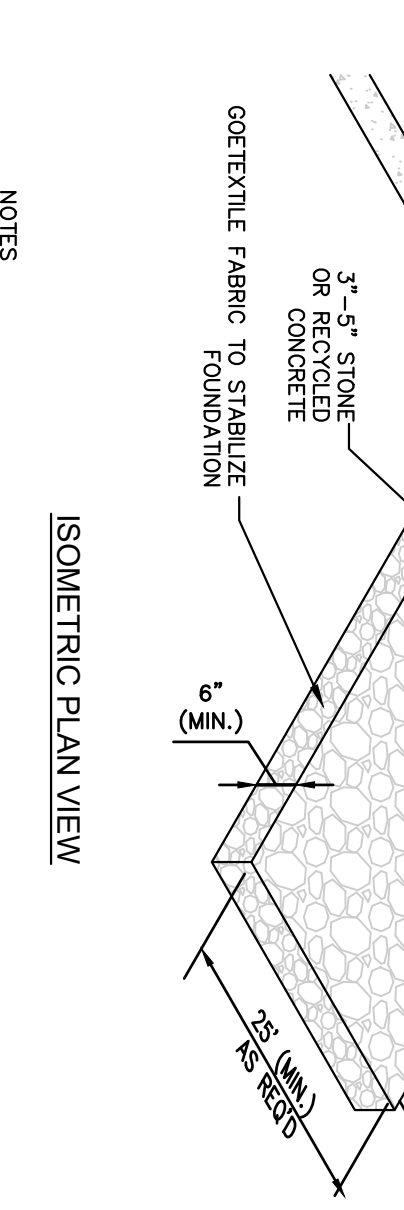
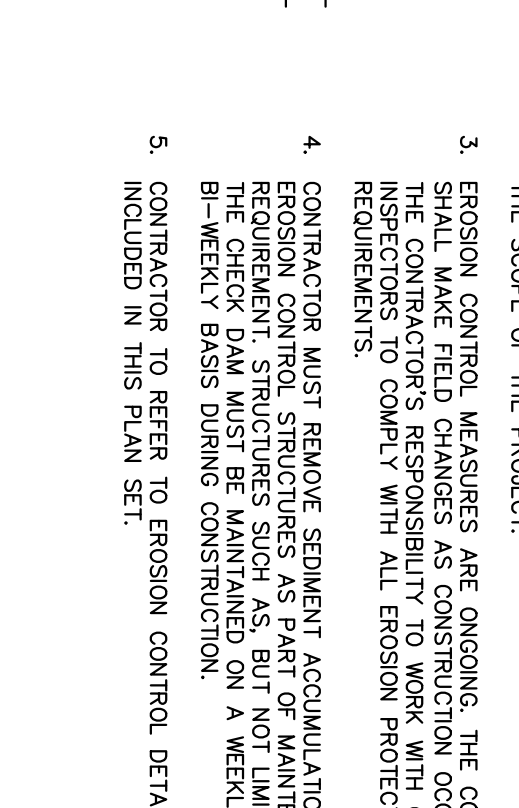
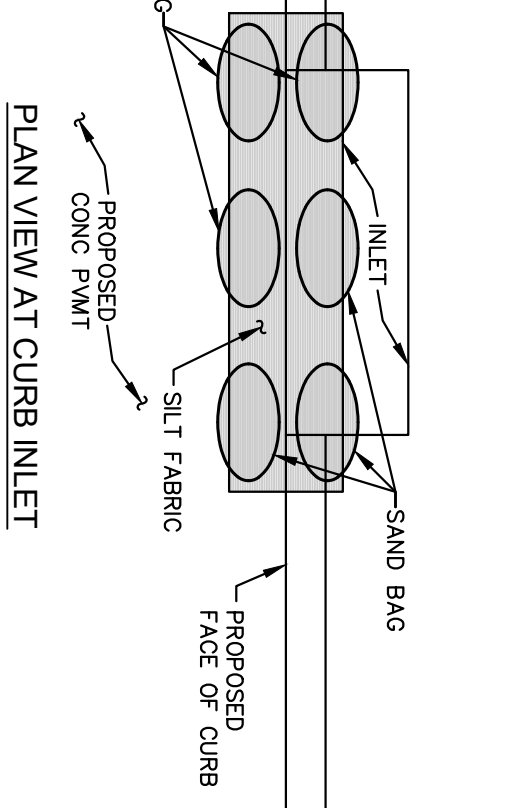
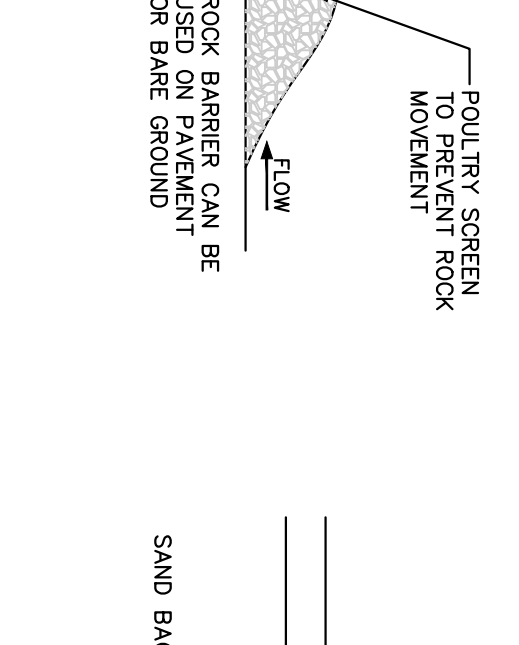
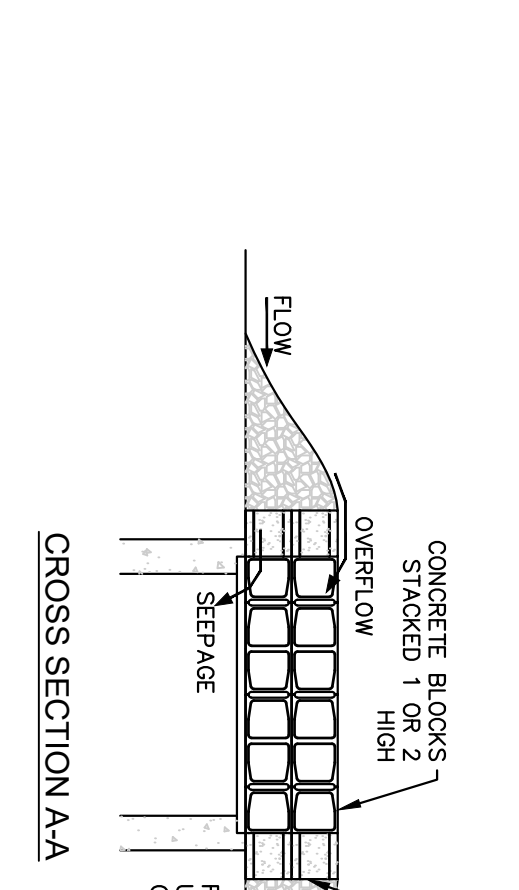
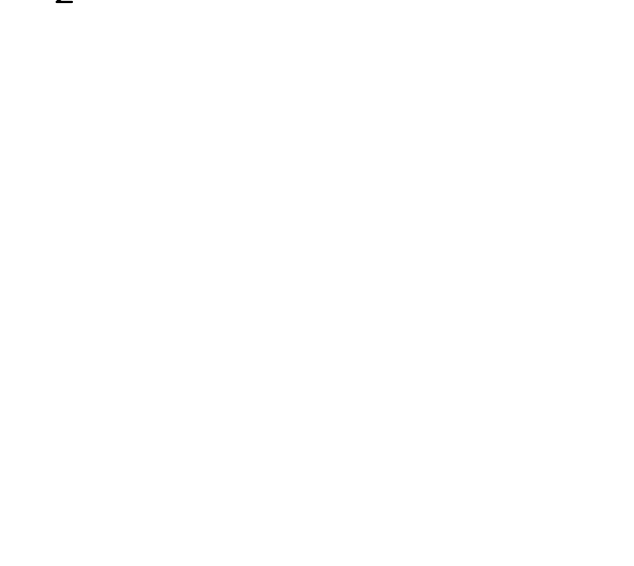
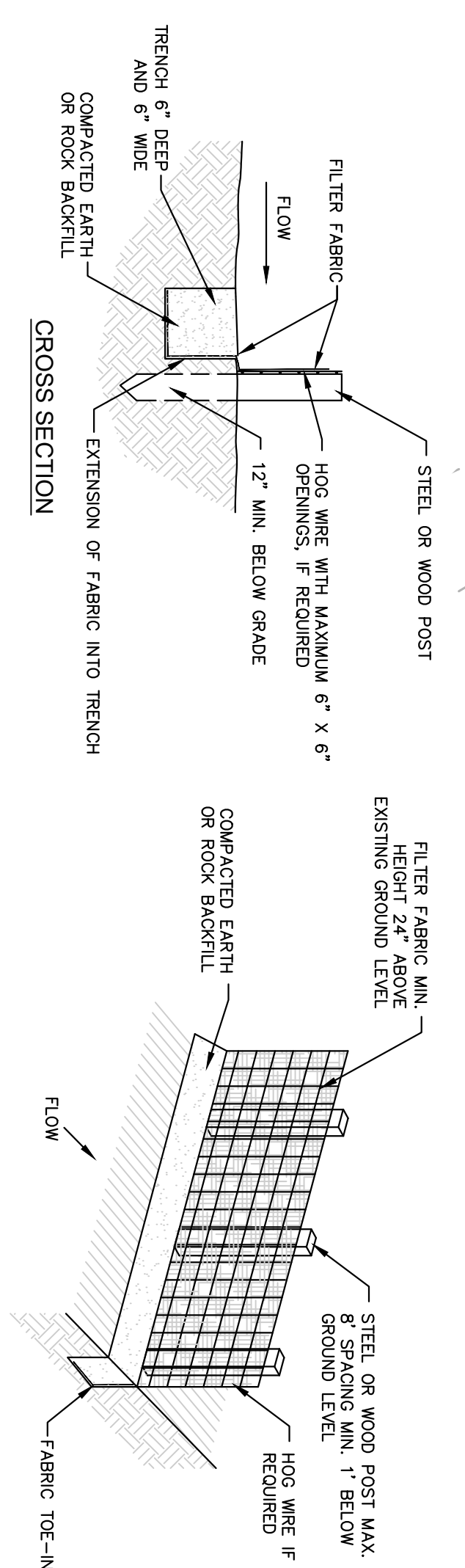
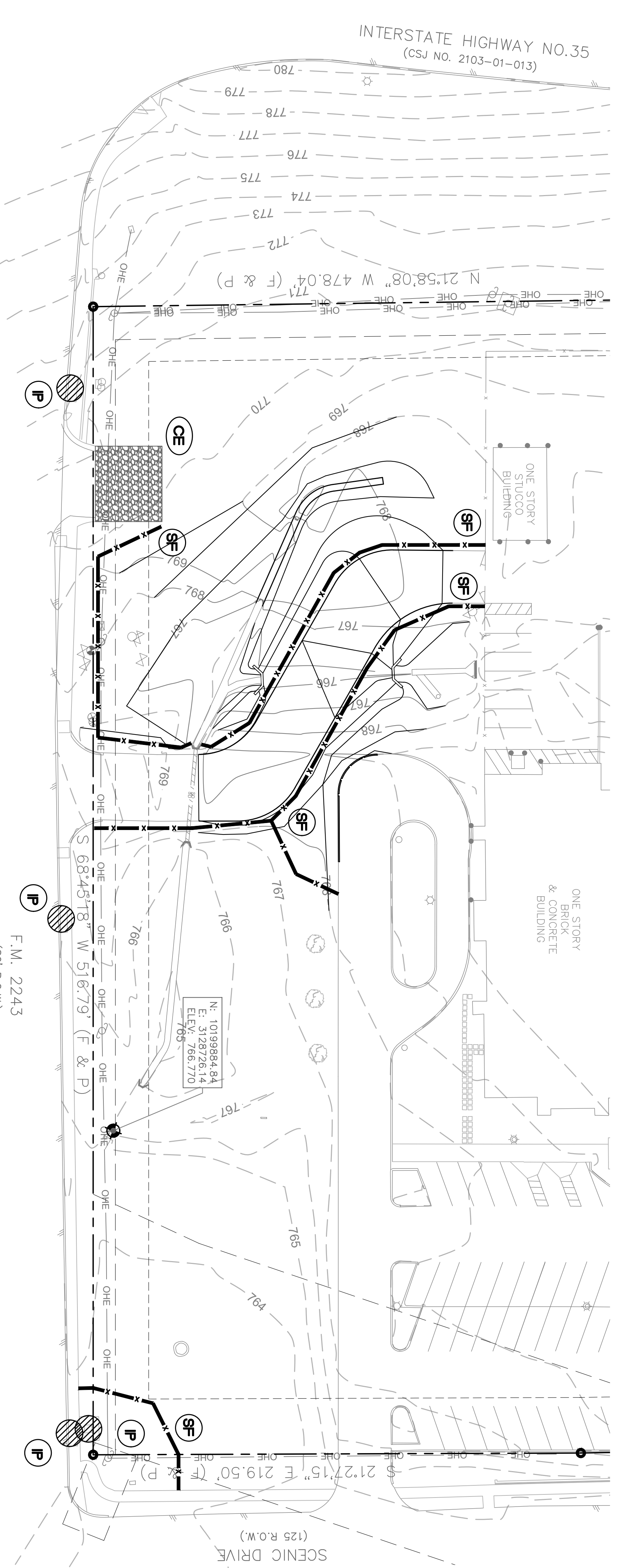
The inspections are to be completed and signed by authorized, qualified personnel.

## **ATTACHMENT E: REQUEST TO TEMPORARILY SEAL A FEATURE**

There are no sensitive features on the site based on the Geologic Assessment and therefore there is no request to temporarily seal a feature.

## **ATTACHMENT F: STRUCTURAL PRACTICES**

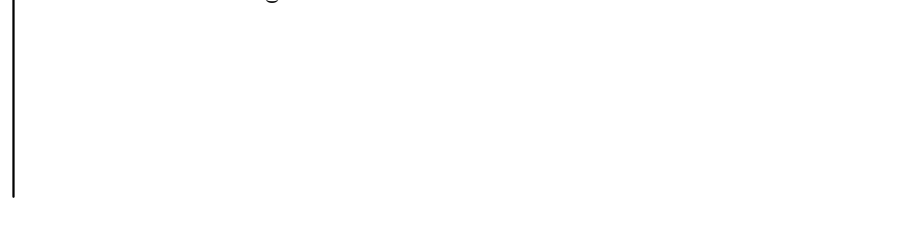
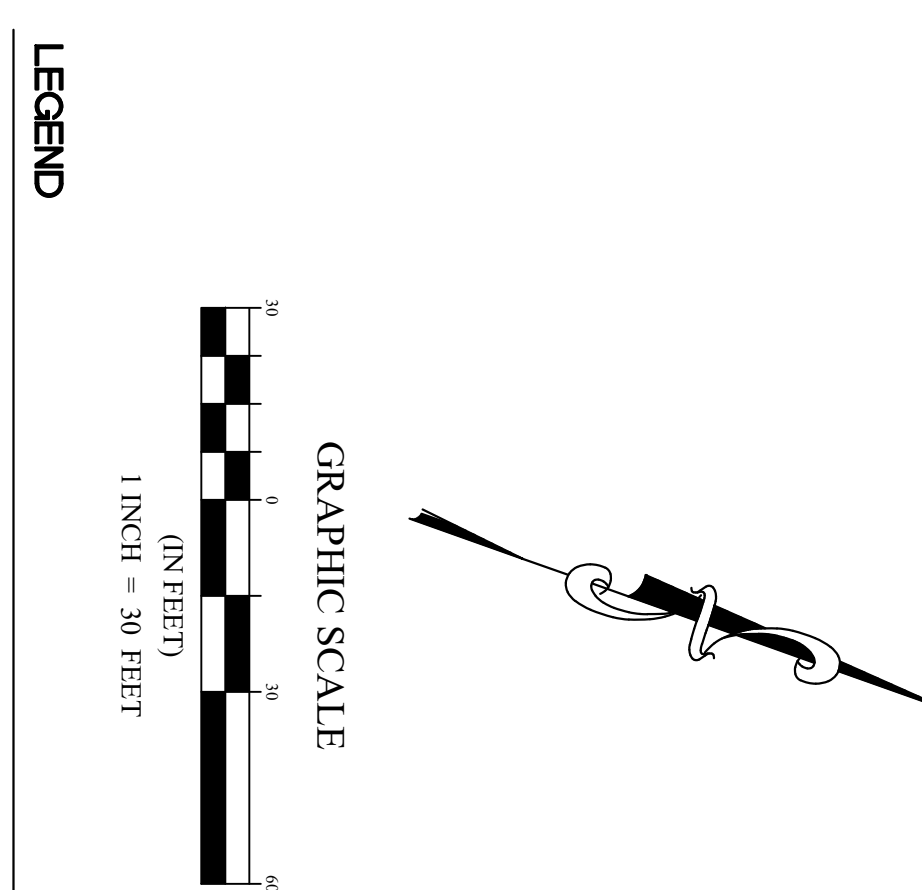
The structural practices that will be used on-site are silt fence, and inlet protection. There are no structural features in the 100-year floodplain. Refer to sheet C5.01-Erosion Control Plan, for the location and details of the proposed structural practices.



- NOTES**
1. THE CONSTRUCTION ENTRANCE SHALL BE SLOPED AWAY FROM THE PAVED SURFACE TO DRAIN SURFACES FROM THE SITE. NOTES NOT ENT AND
  2. THE GEOTEXTILE FABRIC SHALL MEET THE MINIMUM FOLLOWING CRITERIA:
    - A. TENSILE STRENGTH, ASTM D6345 TEST METHOD FOR GRADE BREAKING
    - B. PUNCHING STRENGTH, ASTM D453 TEST METHOD FOR INDEX
    - C. TENSILE STRENGTH, ASTM D6345 TEST METHOD FOR GRADE BREAKING
    - D. BURSTING STRENGTH TESTER METHOD, 7500 POUNDS OF FORCE
    - E. DETERMINING APPARENT OPENING SIZE OF A GEOTEXTILE: US SIEVE NO. 40 (0.425)
  3. ROCK TESTS MAY NOT BE SUFFICIENT TO REMOVE CLAY SIZES FROM MUST BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTERING PAVED ROADS, STREETS OR PARKING LOTS.

- EROSION CONTROL SHEET NOTES (2)**
1. EROSION CONTROL DEVICES AS SHOWN ON THE EROSION CONTROL PLAN FOR THE PROJECT SHALL BE INSTALLED PRIOR TO THE START OF LAND DISTURBING ACTIVITIES ON THE PROJECT.
  2. ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS FOR THE PROJECT. CHANGES ARE TO BE APPROVED BEFORE CONSTRUCTION BY THE DESIGN ENGINEER AND THE CITY OF GEORGETOWN.
  3. IF THE EROSION CONTROL PLAN AS APPROVED CANNOT CONTROL EROSION AND OFF-SITE SEDIMENTATION FROM THE PROJECT THE EROSION CONTROL PLAN WILL BE REQUIRED TO BE REVISED TO PROVIDE ADDITIONAL EROSION CONTROL MEASURES TO CONTROL EROSION AND OFF-SITE SEDIMENTATION FROM THE PROJECT. THE EROSION CONTROL PLAN APPROVAL OF THE PROJECT.
  4. IF OFF-SITE EROSION OR SPILLS ARE CONSIDERED PART OF EROSION CONTROL REQUIREMENTS, THESE AREAS SHALL BE STABILIZED WITH GROUND COVER PRIOR TO FINAL APPROVAL OF THE PROJECT.
  5. INSPECTORS SHALL BE MADE WEEKLY AND AFTER RAIN STORM EVENTS TO INSURE THAT THE DEVICES ARE FUNCTIONING PROPERLY. WHEN SEDIMENT OR MUD HAS COLLECTED THE DOWN OPERATION SHALL NOT BE ALLOWED TO DRAIN DIRECTLY OFF SITE WITHOUT FIRST FLOWING THROUGH ANOTHER BARR TO CONTROL OFF-SITE SEDIMENTATION. PERIODIC RE-CHECKING ON THE ADDITION OF NEW STORMS MAY BE REQUIRED TO MAINTAIN THE EFFECTIVENESS OF THE INSTALLATION.
  6. CONTRACTOR SHALL HAVE A COPY OF THE SWPPP ON SITE AT ALL TIMES.
  7. STORM WATER POLLUTION PREVENTION REQUIREMENTS.

- EROSION CONTROL SHEET NOTES (1)**
1. THE CONTRACTOR SHALL INSTALL ALL EROSION CONTROL MEASURES AND FOLLOW THE SWPPP AS APPLICABLE PRIOR TO CONSTRUCTION TO PREVENT BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENTATION CONTROLS AS SEEN FIT FOR THE SCOPE OF THE PROJECT.
  2. EROSION CONTROL MEASURES ARE Ongoing. THE CONTRACTOR SHALL MAINTAIN THE SWPPP AS APPLICABLE PRIOR TO CONSTRUCTION TO PREVENT BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENTATION CONTROLS AS SEEN FIT FOR THE SCOPE OF THE PROJECT.
  3. CONTRACTORS MUST REMOVE SEDIMENT ACCUMULATION IN ALL EROSION CONTROL STRUCTURES AS PART OF MAINTENANCE. EROSION CONTROL STRUCTURES SHALL BE MAINTAINED TO A B-WEEKLY BASIS DURING CONSTRUCTION.
  4. CONTRACTOR TO REFER TO EROSION CONTROL DETAILS INCLUDED IN THIS PLAN SET.



REV.	REV. DATE	DESCRIPTION

SCALE:	JMG
DESIGNED BY:	JMG
DRAWN BY:	JMG
CHECKED BY:	JMG
DATE:	MARCH 24, 2023
PROJECT NO.:	23-017C

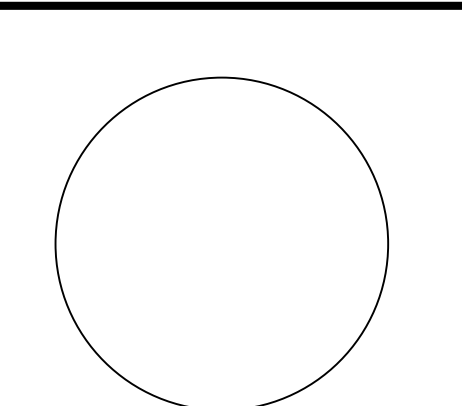
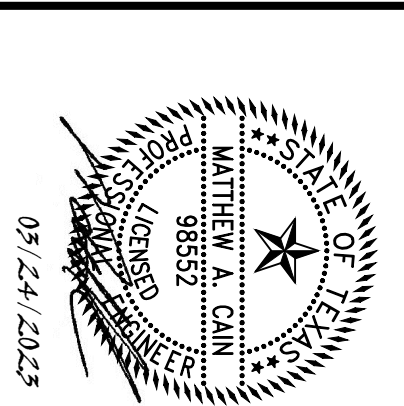
## EROSION CONTROL PLAN AND DETAILS

## USPS SITE MODIFICATIONS MAIN POST OFFICE

2300 SCENIC DRIVE,  
GEORGETOWN, TX 78626

**CLICK ENGINEERING**

2218 BRYAN STREET  
SUITE 150  
DALLAS, TEXAS 75201  
P: 214.871.2302  
TEXAS REG. NO. F-10142

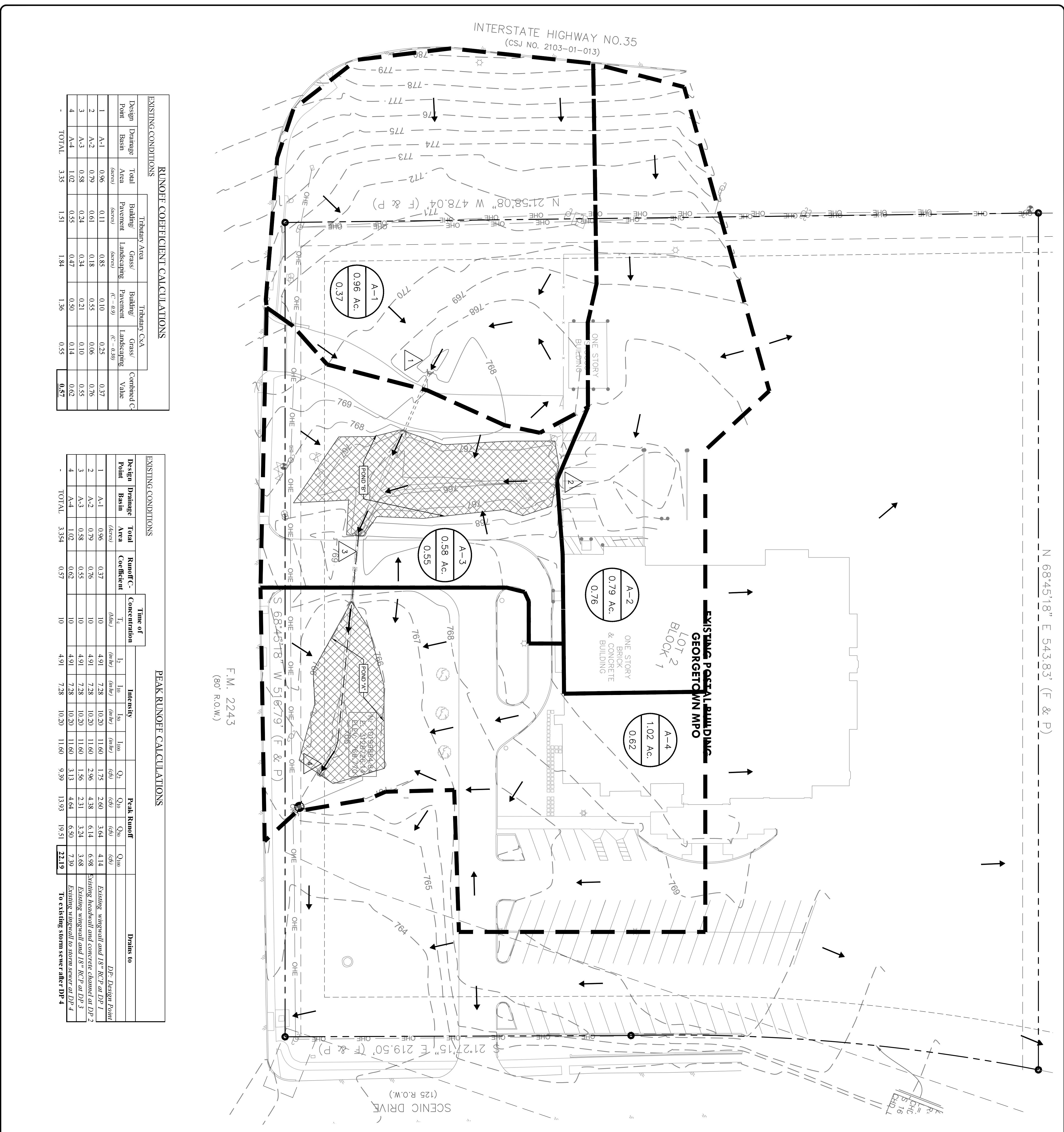




## **ATTACHMENT G: DRAINAGE AREA MAP**

The existing and proposed drainage area maps are shown on the following sheets:

- C4.01 – Drainage Area Map – Existing Conditions
- C4.02 – Drainage Area Map – Proposed Conditions

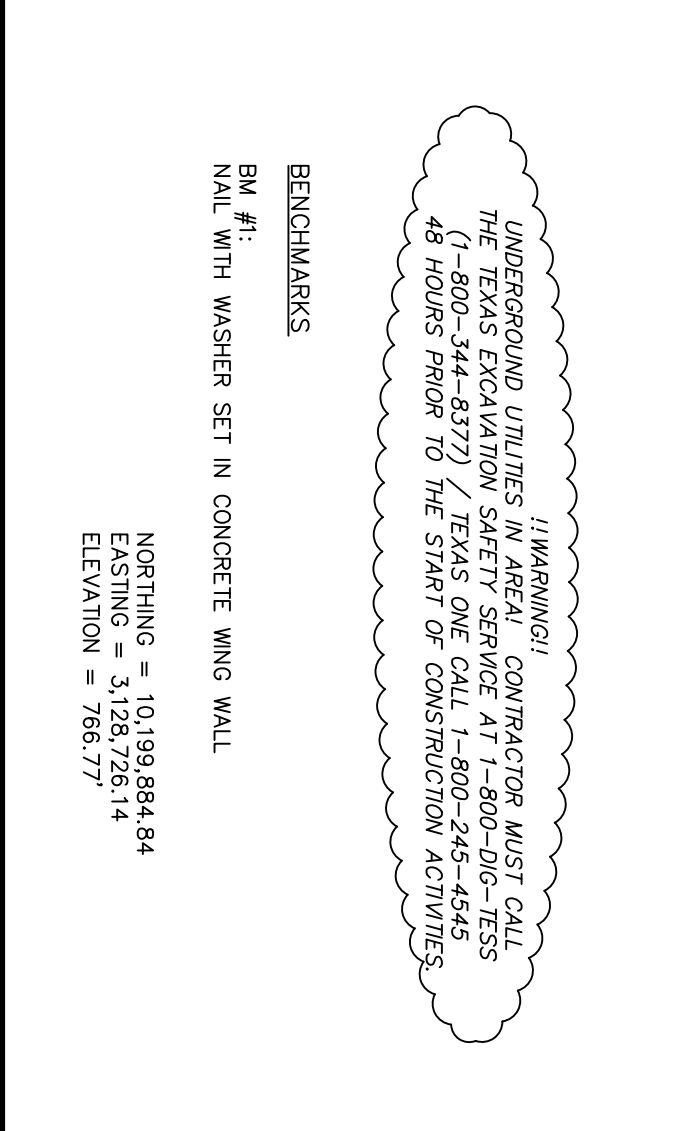


**RUNOFF COEFFICIENT CALCULATIONS**

Design Point	Drainage Basin	Total Area (acres)	Thibault Area		Combined C Value
			Building Pavement	Grass/ Landscape	
1	A-1	0.96	0.11	0.85	0.37
2	A-2	0.79	0.21	0.58	0.52
3	A-3	0.58	0.24	0.34	0.58
4	A-4	1.02	0.55	0.47	0.62
TOTAL		3.35	1.51	1.84	0.57

**PEAK RUNOFF CALCULATIONS**

Design Point	Drainage Basin	Total Area (acres)	Runoff Coefficient	Time of Concentration (min)	Intensity (in/hr)		Peak Runoff (cfs)		Drains to			
					I <sub>10</sub>	I <sub>5</sub>	Q <sub>10</sub>	Q <sub>5</sub>				
1	A-1	0.96	0.37	10	4.91	7.28	11.60	2.60	4.14	Existing wetland and 18" RCT at DP 1		
2	A-2	0.79	0.76	10	4.91	7.28	10.20	7.96	4.38	Existing wetland and concrete channel at DP 2		
3	A-3	0.58	0.55	10	4.91	7.28	11.60	3.13	2.51	Existing wetland and 18" RCT at DP 3		
4	A-4	1.02	0.62	10	4.91	7.28	10.20	6.39	3.28	Existing wetland and 18" RCT at DP 4		
TOTAL		3.354	0.57	10	4.91	7.28	10.20	11.60	13.93	19.51	22.10	To existing storm sewer at DP 4



**LEGEND**

- Drainage Basin
- Basin Area
- Runoff Coefficient
- Flow Arrow
- Design Point
- Drainage Basin Boundary

**NOTES**

- INTENSITY AND TIME OF CONCENTRATION CALCULATIONS ARE BASED ON NOAA ATLAS 14 DATA, VOLUME 11, VERSION 2, FOR DALLAS, TEXAS 75201.
- THE APPROXIMATE LIMITS OF THE DISTURBANCE ARE BASED ON THE EXISTING AS-BUILT DRAWINGS PROVIDED BY THE CLIENT, DATED 07-20-1987.

**GRAPHIC SCALE**  
1 INCH = 30 FEET

**BENCHMARKS**  
BM #1: NAIL WITH WASHER SET IN CONCRETE WING WALL  
EASTING = 1019284.84  
ELEVATION = 786.77'

**UNDERGROUND UTILITIES:** ANY WORK OR CONSTRUCTION MUST CALL THE TEXAS EXCAVATION SAFETY SERVICE AT 1-800-806-7835 48 HOURS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.

REV.	REV. DATE	DESCRIPTION

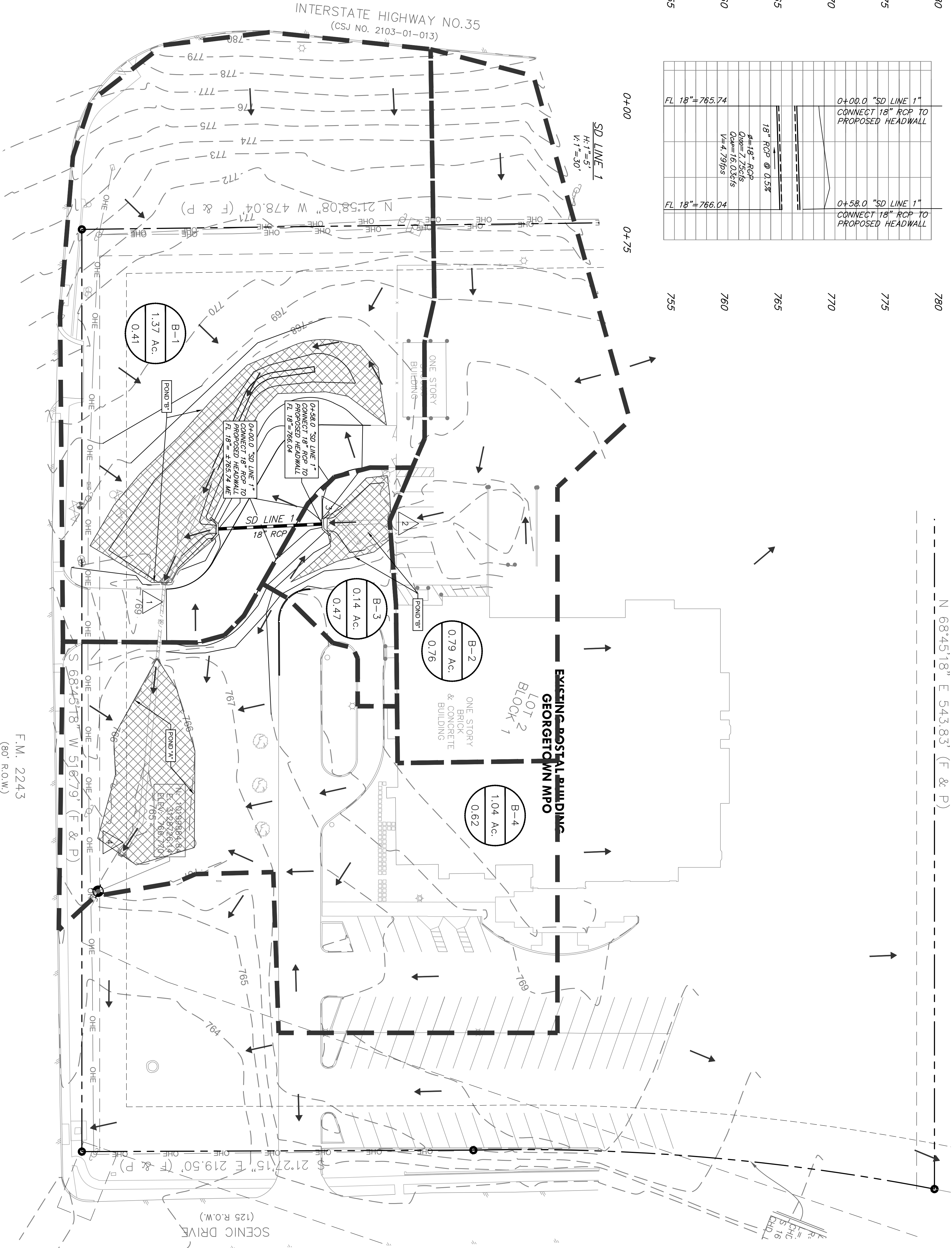
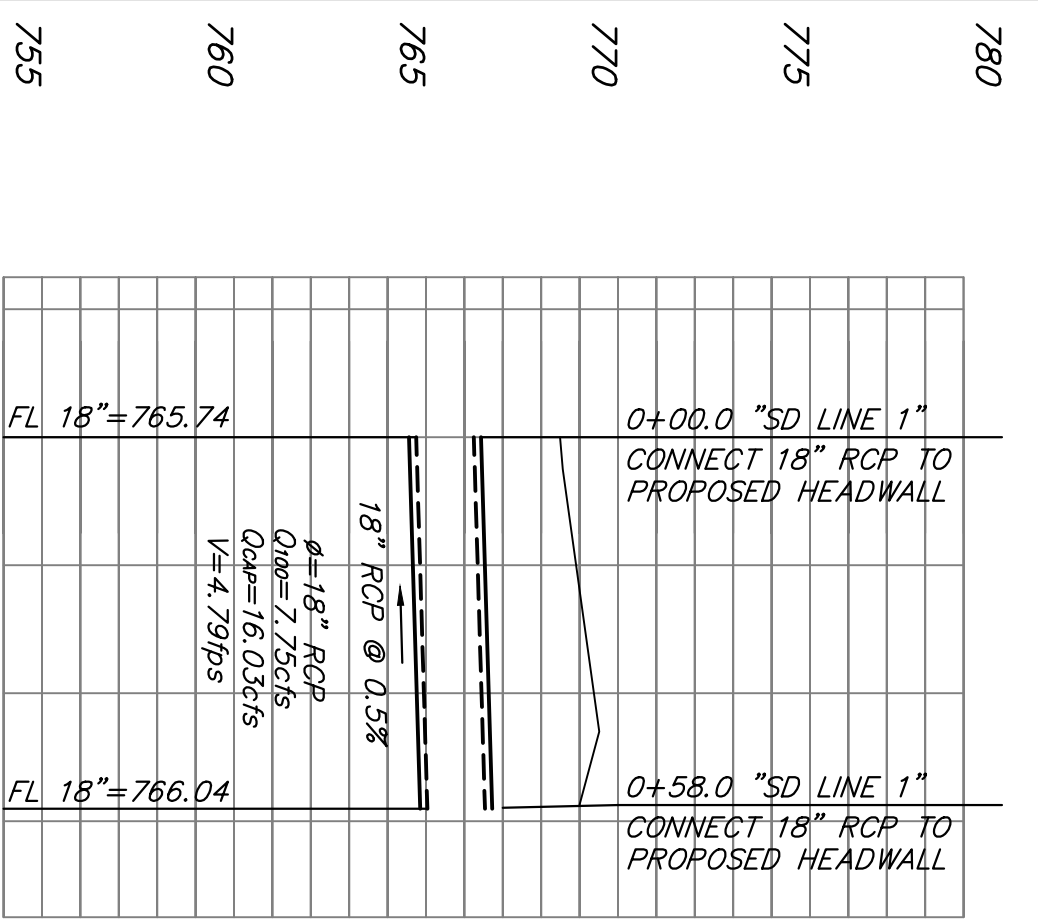
SCALE:	JMG
DRAWN BY:	JMG
CHECKED BY:	JMG
DATE:	MARCH 24, 2023
PROJECT NO.:	23-017C

**C4.01**

**EXISTING DRAINAGE AREA MAP**

**USPS SITE MODIFICATIONS  
MAIN POST OFFICE**  
2300 SCENIC DRIVE,  
GEORGETOWN, TX 78626

**CLICK ENGINEERING**  
2218 BRYAN STREET  
SUITE 150  
DALLAS, TEXAS 75201  
P: 214.871.2302  
TEXAS REG. NO. F-10142



**PROPOSED CONDITIONS**

Design Point	Drainage Basin	Total Area	Runoff Coefficient	Time of Concentration		Intensity		Peak Runoff		Drains to			
				T <sub>c</sub>	I <sub>10</sub>	Q <sub>10</sub>	Q <sub>50</sub>	Q <sub>100</sub>					
1	B-1	1.37	0.41	10	4.91	7.28	10.20	11.60	2.75	4.08	5.72	6.51	Existing swagwall and 18" RCP at DP 1
2	B-2	0.79	0.76	10	4.91	7.28	10.20	11.60	2.96	4.38	6.14	6.98	Existing headwall and concrete channel at DP 2
3	B-3	0.14	0.47	10	4.91	7.28	10.20	11.60	0.33	0.48	0.68	0.77	Proposed swagwall and proposed 18" RCP at DP 3
4	B-4	1.04	0.62	10	4.91	7.28	10.20	11.60	3.15	4.68	6.55	7.45	Existing swagwall to storm sewer at DP 4
TOTAL		3.356	0.56	10	4.91	7.28	10.20	11.60	9.19	13.62	19.09	21.21	To existing storm sewer at DP 4

**PEAK RUNOFF CALCULATIONS**

Design Point	Drainage Basin	Total Area	Runoff Coefficient	Time of Concentration	Intensity	Peak Runoff
1	B-1	1.37	0.41	10	4.91	7.28
2	B-2	0.79	0.76	10	4.91	7.28
3	B-3	0.14	0.47	10	4.91	7.28
4	B-4	1.04	0.62	10	4.91	7.28
TOTAL		3.356	0.56	10	4.91	7.28

**PROPOSED CONDITIONS**

Design Point	Drainage Basin	Total Area	Runoff Coefficient	Time of Concentration	Intensity	Peak Runoff
1	B-1	1.37	0.41	10	4.91	7.28
2	B-2	0.79	0.76	10	4.91	7.28
3	B-3	0.14	0.47	10	4.91	7.28
4	B-4	1.04	0.62	10	4.91	7.28
TOTAL		3.356	0.56	10	4.91	7.28

**DETECTION POND STORAGE COMPARISON**

Design Point	Drainage Basin	Total Area	Runoff Coefficient	Time of Concentration	Intensity	Peak Runoff
1	B-1	1.37	0.41	10	4.91	7.28
2	B-2	0.79	0.76	10	4.91	7.28
3	B-3	0.14	0.47	10	4.91	7.28
4	B-4	1.04	0.62	10	4.91	7.28
TOTAL		3.356	0.56	10	4.91	7.28

**RUNOFF COEFFICIENT CALCULATIONS**

Design Point	Drainage Basin	Total Area	Runoff Coefficient	Time of Concentration	Intensity	Peak Runoff
1	B-1	1.37	0.41	10	4.91	7.28
2	B-2	0.79	0.76	10	4.91	7.28
3	B-3	0.14	0.47	10	4.91	7.28
4	B-4	1.04	0.62	10	4.91	7.28
TOTAL		3.356	0.56	10	4.91	7.28

**PROPOSED CONDITIONS**

Design Point	Drainage Basin	Total Area	Runoff Coefficient	Time of Concentration	Intensity	Peak Runoff
1	B-1	1.37	0.41	10	4.91	7.28
2	B-2	0.79	0.76	10	4.91	7.28
3	B-3	0.14	0.47	10	4.91	7.28
4	B-4	1.04	0.62	10	4.91	7.28
TOTAL		3.356	0.56	10	4.91	7.28

**PROPOSED CONDITIONS**

Design Point	Drainage Basin	Total Area	Runoff Coefficient	Time of Concentration	Intensity	Peak Runoff
1	B-1	1.37	0.41	10	4.91	7.28
2	B-2	0.79	0.76	10	4.91	7.28
3	B-3	0.14	0.47	10	4.91	7.28
4	B-4	1.04	0.62	10	4.91	7.28
TOTAL		3.356	0.56	10	4.91	7.28

**PROPOSED CONDITIONS**

Design Point	Drainage Basin	Total Area	Runoff Coefficient	Time of Concentration	Intensity	Peak Runoff
1	B-1	1.37	0.41	10	4.91	7.28
2	B-2	0.79	0.76	10	4.91	7.28
3	B-3	0.14	0.47	10	4.91	7.28
4	B-4	1.04	0.62	10	4.91	7.28
TOTAL		3.356	0.56	10	4.91	7.28

**PROPOSED CONDITIONS**

Design Point	Drainage Basin	Total Area	Runoff Coefficient	Time of Concentration	Intensity	Peak Runoff
1	B-1	1.37	0.41	10	4.91	7.28
2	B-2	0.79	0.76	10	4.91	7.28
3	B-3	0.14	0.47	10	4.91	7.28
4	B-4	1.04	0.62	10	4.91	7.28
TOTAL		3.356	0.56	10	4.91	7.28

**PROPOSED CONDITIONS**

Design Point	Drainage Basin	Total Area	Runoff Coefficient	Time of Concentration	Intensity	Peak Runoff
1	B-1	1.37	0.41	10	4.91	7.28
2	B-2	0.79	0.76	10	4.91	7.28
3	B-3	0.14	0.47	10	4.91	7.28
4	B-4	1.04	0.62	10	4.91	7.28
TOTAL		3.356	0.56	10	4.91	7.28

**PROPOSED CONDITIONS**

Design Point	Drainage Basin	Total Area	Runoff Coefficient	Time of Concentration	Intensity	Peak Runoff
1	B-1	1.37	0.41	10	4.91	7.28
2	B-2	0.79	0.76	10	4.91	7.28
3	B-3	0.14	0.47	10	4.91	7.28
4	B-4	1.04	0.62	10	4.91	7.28
TOTAL		3.356	0.56	10	4.91	7.28

**LEGEND**

- ORANGE BASIN
- BASIN AREA
- RUNOFF COEFFICIENT
- FLOW ARROW
- DESIGN POINT
- ORANGE BASIN BOUNDARY

**GRAPHIC SCALE**  
(IN FEET)  
1 INCH = 30 FEET

**NOTES**

- INTERPOLATE AND USE OF CONCENTRATION CALCULATIONS ARE BASED ON NOAA ATLAS 14 DATA, VOLUME 11, VERSION 2/FOR THE ADDRESS OF THE SITE.
- THE APPROXIMATE LIMITS OF THE DETENTION POND ARE CLIENT DATED 07-20-1989. SOIL DRAWINGS PROVIDED BY THE KEY MAP (MIS).

**UNDERGROUND UTILITIES WARNING**  
CONTRACTOR MUST CALL THE TEXAS EXCAVATION SAFETY SERVICE AT 1-800-806-7855 48 HOURS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.

**BENCHMARKS**  
B.M. #1: NAIL WITH WISHER SET IN CONCRETE WING WALL.  
EORNING = 1039284.84  
DALLAS = 786.77  
ELEVATION = 786.77'

**PROPOSED DRAINAGE AREA MAP AND STORM SEWER PLAN**

REV.	REV. DATE	DESCRIPTION

**SCALE:**

DESIGNED BY:	JMG
DRAWN BY:	JMG
CHECKED BY:	JMG
DATE:	MARCH 24, 2023
PROJECT NO.:	23-017C

**USPS SITE MODIFICATIONS MAIN POST OFFICE**  
2300 SCENIC DRIVE, GEORGETOWN, TX 78626

**CLICK ENGINEERING**  
2218 BRYAN STREET SUITE 150 DALLAS, TEXAS 75201 P: 214.871.2302 TEXAS REG. NO. F-10142

**CLICK ENGINEERING**  
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**CLICK ENGINEERING**  
2218 BRYAN STREET SUITE 150 DALLAS, TEXAS 75201 P: 214.871.2302 TEXAS REG. NO. F-10142

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**USPS SITE MODIFICATIONS MAIN POST OFFICE**  
2300 SCENIC DRIVE, GEORGETOWN, TX 78626

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## **ATTACHMENT H: TEMPORARY SEDIMENT POND PLANS AND CALCULATIONS**

The site is below 10 acres, and does not require a temporary sedimentation pond(s).

## **ATTACHMENT I: INSPECTION AND MAINTENANCE OF BMPS**

Until the site is stabilized or until the Project is turned over to the owner, inspections should be done every 14 days and when a rain event of 0.5 inches or greater has occurred. Inspections could also be done every seven days without conducting inspection after rain events or as determined by governmental authorities. The inspection frequency should be specified in the Frequency of Inspections form below.

The inspectors shall use the SWPPP Construction Inspection Checklist included below, at a minimum. Incidents of non-compliance should be indicated on this checklist. If no incidents of non-compliance are noted then the report must certify that the site is in compliance with the SWPPP and the permit. Periodic inspections are required to ensure that all BMPs are working correctly, do not need repair and that additional BMPs are not needed. All records shall be retained for a period of three (3) years from the date NOT is filed.

Periodic inspections should be conducted to maintain the BMPs as described in the Plan. Areas of the site to be inspected include such things as: disturbed areas that have not been finally stabilized, areas used for material storage that are exposed to precipitation, all interim-temporary-permanent stabilization practices, offsite support areas (if any), etc.

If an inspection requires modification of an existing BMP, an additional BMP or other changes to better control pollutants in runoff, the modification should be recorded on the Update Form in this document, no less than 7 days after the inspection.

Maintenance, corrections or repairs to the structural controls must be completed prior to the next anticipated storm event. If this is not possible, then it must be scheduled as soon as practicable. Controls that have been intentionally disabled, run-over, removed, or otherwise rendered ineffective must be replaced or corrected immediately upon discovery.

The inspections are to be completed and signed by authorized, qualified personnel. Such personnel must be familiar with the SWPPP, the requirements of the permit and sediment and erosion control practices. The qualifications and experience of the inspector should be recorded on the Frequency of Inspections form in this document.

**Frequency of Inspections**

The TCEQ regulations require that inspections be performed until the site is stabilized. Inspections should be done every 14 days and when a rain event of 0.5 inches or greater has occurred. Alternately, inspections could be done every 7 days without conducting inspections after rain events.

Some cities require inspections weekly and after a rain event of 0.5 inches or greater has occurred.

**Indicate with an "X" below, what the frequency of inspections will be for this project:**

\_\_\_\_\_ Every 14 days and when a rain even of 0.5 inches or greater has occurred.

\_\_\_\_\_ Every 7 days without conducting inspections after rain events.

\_\_\_\_\_ Every 7 days and when a rain event of 0.5 inches or greater has occurred.

\_\_\_\_\_ Other: The frequency of inspections is \_\_\_\_\_.

Also, enter which day of the week the inspections will be conducted. Should the day of the week the inspection is being conducted change, record the following information to update the SWPPP as needed.

Day of the week inspection Being conducted	Date of update	Initials
_____	_____	_____
_____	_____	_____

**Inspector Experience and Qualifications**

Provide a brief description of the experience and qualifications of the person(s) conducting the inspections for this project:

Name: \_\_\_\_\_

**Experience & Qualifications**

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**SWPPP Construction Inspection Checklist (page 1 of 2)**

This SWPPP Inspection is for: (Project Name) \_\_\_\_\_

Date of Inspection \_\_\_\_\_

Time of Inspection \_\_\_\_\_

Are the following items in compliance with the SWPPP?	Circle Yes or No	Note of correction and action taken if necessary
1. Is there a copy of the permit with the SWPPP?	Yes or No	
2. Is a TPDES Construction Site Notice posted at the entrance to the site?	Yes or No	
3. Is the inspector qualified and are the qualifications documented in the SWPPP?	Yes or No	
4. Do disturbed and/or storage areas show signs of erosion?	Yes or No	
5. At the outfall(s), are there signs of erosion?	Yes or No	
6. Is the evidence of off-site tracking at locations where vehicles enter and exit?	Yes or No	
7. Are BMPs working properly? (If so note location below.)	Yes or No	
8. Do BMPs need maintenance? (If so, note location below.)	Yes or No	
9. Did inspector inspect the entire site?	Yes or No	
10. Are any new BMPs needed? (If so, note location below.)	Yes or No	
11. Does the BMP Map need updating?	Yes or No	

Weather \_\_\_\_\_ Degrees F    Sky \_\_\_\_\_    Wind \_\_\_\_\_ MPH/Direction

If corrective action is needed, it should be completed within 7 days and the corrective action should be described on the next inspection report. Also, the SWPPP should be updated to reflect any changes to BMPs, any additional BMPs or any new controls within 7 days of any such change.

**SWPPP Construction Inspection Checklist (page 1 of 2)**

12. Where there any actions taken as a result of previous inspections? If so, note here:

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13. Note the weather since the last inspection report (Was there a significant rain event? What was the estimated length and rainfall amount of the event? Did any changes occur?)

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If discharges occurred since the last inspection, not the location and type of sediment of other pollutants:

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14. If this facility or site is in compliance with the SWPPP and this permit, please indicate by signing on the following line: \_\_\_\_\_

Name and Title

Additional Notes:

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**"I certify under penalty of law that this documents and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."**

I have also read and am "familiar with" the rules and regulations regarding TCEQ storm water inspections, the regulations themselves and the SWPPP for this project. The inspector has received training in performing inspections.

\_\_\_\_\_  
Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name (GC w/Delegated Auth.)

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date



Update Form

This Update Form applies to:

Project:

Item	Map Updated?	Date Updated	By Whom/signature *	Explanation of Update

\*For all notation on this form, the following applies. With your above signature:

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations.”



ATTACHMENT J: SCHEDULE OF INTERIM AND PERMANENT SOIL STABILIZATION PRACTICES

Stabilization measures must be initiated “immediately” whenever earth-disturbing activities have permanently or temporarily ceased on any portion of the site that will not include permanent structures.

Earth-disturbing activities have permanently ceased when clearing, grading, excavation and other activities have been completed within any area of the site that will not include permanent structures.

Earth-disturbing activities have temporarily ceased when clearing, grading, excavation and other activities will not resume for a period of 14 or more calendar days (i.e., the land will be idle, but, such activities will resume in the future) within any area of the site that will not include permanent structures. This 14 calendar day time frame begins as soon as it is known that construction work on a portion of the site will be temporarily ceased.

“Immediately” means as soon as practicable, but no later than the end of the next work day following the day when the earth disturbing activities have temporarily or permanently ceased.

See Civil plans for the design specifications of the stabilization measures utilized for this project.

Temporary Practices	When	Where	Why
Seeding, sodding or hydromulch	“Immediately” after if it is determined that construction has permanently or temporarily ceased.	Disturbed areas.	To control erosion.
Mulch or other non-vegetative product, such as erosion control blankets	“Immediately” after if it is determined that construction has permanently or temporarily ceased.	Disturbed areas.	To control erosion.
Perimeter fencing around material storage area	“Immediately” after if it is determined that construction has permanently or temporarily ceased.	Around the perimeter of the material storage area.	To secure the material storage area.
Tarping	“Immediately” after if it is determined that construction has permanently or temporarily ceased.	Typically over stored materials.	To protect the materials from rain and keep potential pollutants from becoming part of the storm water runoff.



# Permanent Stormwater Section

## Texas Commission on Environmental Quality

for Regulated Activities on the Edwards Aquifer Recharge Zone and Relating to 30 TAC §213.5(b)(4)(C), (D)(li), (E), and (5), Effective June 1, 1999

**To ensure that the application is administratively complete, confirm that all fields in the form are complete, verify that all requested information is provided, consistently reference the same site and contact person in all forms in the application, and ensure forms are signed by the appropriate party.**

**Note: Including all the information requested in the form and attachments contributes to more streamlined technical reviews.**

## Signature

To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This **Permanent Stormwater Section** is hereby submitted for TCEQ review and executive director approval. The application was prepared by:

Print Name of Customer/Agent: Matthew A. Cain, P.E.

Date: 05/05/2023

Signature of Customer/Agent



Regulated Entity Name: Georgetown Post Office

## Permanent Best Management Practices (BMPs)

**Permanent best management practices and measures that will be used during and after construction is completed.**

- Permanent BMPs and measures must be implemented to control the discharge of pollution from regulated activities after the completion of construction.  
 N/A
- These practices and measures have been designed, and will be constructed, operated, and maintained to insure that 80% of the incremental increase in the annual mass loading of total suspended solids (TSS) from the site caused by the regulated activity is removed. These quantities have been calculated in accordance with technical guidance prepared or accepted by the executive director.  
 The TCEQ Technical Guidance Manual (TGM) was used to design permanent BMPs and measures for this site.

A technical guidance other than the TCEQ TGM was used to design permanent BMPs and measures for this site. The complete citation for the technical guidance that was used is: \_\_\_\_\_

N/A

3.  Owners must insure that permanent BMPs and measures are constructed and function as designed. A Texas Licensed Professional Engineer must certify in writing that the permanent BMPs or measures were constructed as designed. The certification letter must be submitted to the appropriate regional office within 30 days of site completion.

N/A

4. Where a site is used for low density single-family residential development and has 20 % or less impervious cover, other permanent BMPs are not required. This exemption from permanent BMPs must be recorded in the county deed records, with a notice that if the percent impervious cover increases above 20% or land use changes, the exemption for the whole site as described in the property boundaries required by 30 TAC §213.4(g) (relating to Application Processing and Approval), may no longer apply and the property owner must notify the appropriate regional office of these changes.

The site will be used for low density single-family residential development and has 20% or less impervious cover.

The site will be used for low density single-family residential development but has more than 20% impervious cover.

The site will not be used for low density single-family residential development.

5. The executive director may waive the requirement for other permanent BMPs for multi-family residential developments, schools, or small business sites where 20% or less impervious cover is used at the site. This exemption from permanent BMPs must be recorded in the county deed records, with a notice that if the percent impervious cover increases above 20% or land use changes, the exemption for the whole site as described in the property boundaries required by 30 TAC §213.4(g) (relating to Application Processing and Approval), may no longer apply and the property owner must notify the appropriate regional office of these changes.

**Attachment A - 20% or Less Impervious Cover Waiver.** The site will be used for multi-family residential developments, schools, or small business sites and has 20% or less impervious cover. A request to waive the requirements for other permanent BMPs and measures is attached.

The site will be used for multi-family residential developments, schools, or small business sites but has more than 20% impervious cover.

The site will not be used for multi-family residential developments, schools, or small business sites.

6.  **Attachment B - BMPs for Upgradient Stormwater.**

- A description of the BMPs and measures that will be used to prevent pollution of surface water, groundwater, or stormwater that originates upgradient from the site and flows across the site is attached.
  - No surface water, groundwater or stormwater originates upgradient from the site and flows across the site, and an explanation is attached.
  - Permanent BMPs or measures are not required to prevent pollution of surface water, groundwater, or stormwater that originates upgradient from the site and flows across the site, and an explanation is attached.
7.  **Attachment C - BMPs for On-site Stormwater.**
- A description of the BMPs and measures that will be used to prevent pollution of surface water or groundwater that originates on-site or flows off the site, including pollution caused by contaminated stormwater runoff from the site is attached.
  - Permanent BMPs or measures are not required to prevent pollution of surface water or groundwater that originates on-site or flows off the site, including pollution caused by contaminated stormwater runoff, and an explanation is attached.
8.  **Attachment D - BMPs for Surface Streams.** A description of the BMPs and measures that prevent pollutants from entering surface streams, sensitive features, or the aquifer is attached. Each feature identified in the Geologic Assessment as sensitive has been addressed.
- N/A
9.  The applicant understands that to the extent practicable, BMPs and measures must maintain flow to naturally occurring sensitive features identified in either the geologic assessment, executive director review, or during excavation, blasting, or construction.
- The permanent sealing of or diversion of flow from a naturally-occurring sensitive feature that accepts recharge to the Edwards Aquifer as a permanent pollution abatement measure has not been proposed.
  - Attachment E - Request to Seal Features.** A request to seal a naturally-occurring sensitive feature, that includes, for each feature, a justification as to why no reasonable and practicable alternative exists, is attached.
10.  **Attachment F - Construction Plans.** All construction plans and design calculations for the proposed permanent BMP(s) and measures have been prepared by or under the direct supervision of a Texas Licensed Professional Engineer, and are signed, sealed, and dated. The plans are attached and, if applicable include:
- Design calculations (TSS removal calculations)
  - TCEQ construction notes
  - All geologic features
  - All proposed structural BMP(s) plans and specifications
- N/A

11.  **Attachment G - Inspection, Maintenance, Repair and Retrofit Plan.** A plan for the inspection, maintenance, repairs, and, if necessary, retrofit of the permanent BMPs and measures is attached. The plan includes all of the following:
- Prepared and certified by the engineer designing the permanent BMPs and measures
  - Signed by the owner or responsible party
  - Procedures for documenting inspections, maintenance, repairs, and, if necessary retrofit
  - A discussion of record keeping procedures
- N/A
12.  **Attachment H - Pilot-Scale Field Testing Plan.** Pilot studies for BMPs that are not recognized by the Executive Director require prior approval from the TCEQ. A plan for pilot-scale field testing is attached.
- N/A
13.  **Attachment I -Measures for Minimizing Surface Stream Contamination.** A description of the measures that will be used to avoid or minimize surface stream contamination and changes in the way in which water enters a stream as a result of the construction and development is attached. The measures address increased stream flashing, the creation of stronger flows and in-stream velocities, and other in-stream effects caused by the regulated activity, which increase erosion that results in water quality degradation.
- N/A

### ***Responsibility for Maintenance of Permanent BMP(s)***

***Responsibility for maintenance of best management practices and measures after construction is complete.***

14.  The applicant is responsible for maintaining the permanent BMPs after construction until such time as the maintenance obligation is either assumed in writing by another entity having ownership or control of the property (such as without limitation, an owner's association, a new property owner or lessee, a district, or municipality) or the ownership of the property is transferred to the entity. Such entity shall then be responsible for maintenance until another entity assumes such obligations in writing or ownership is transferred.
- N/A
15.  A copy of the transfer of responsibility must be filed with the executive director at the appropriate regional office within 30 days of the transfer if the site is for use as a multiple single-family residential development, a multi-family residential development, or a non-residential development such as commercial, industrial, institutional, schools, and other sites where regulated activities occur.
- N/A



ATTACHMENT A: 20% OR LESS IMPERVIOUS COVER WAIVER

A waiver is not being requested.

## ATTACHMENT B: BMPS FOR UPGRADIENT STORMWATER

The state highway frontage road flows onto and through the existing site. Since the proposed site is already not in need of permanent BMP's, the upgradient stormwater will not require permanent BMP's.

## ATTACHMENT C: BMPS FOR ON-SITE STORMWATER

Permanent BMP's are not required to prevent pollution of surface water or groundwater that originates onsite or flows off the site.

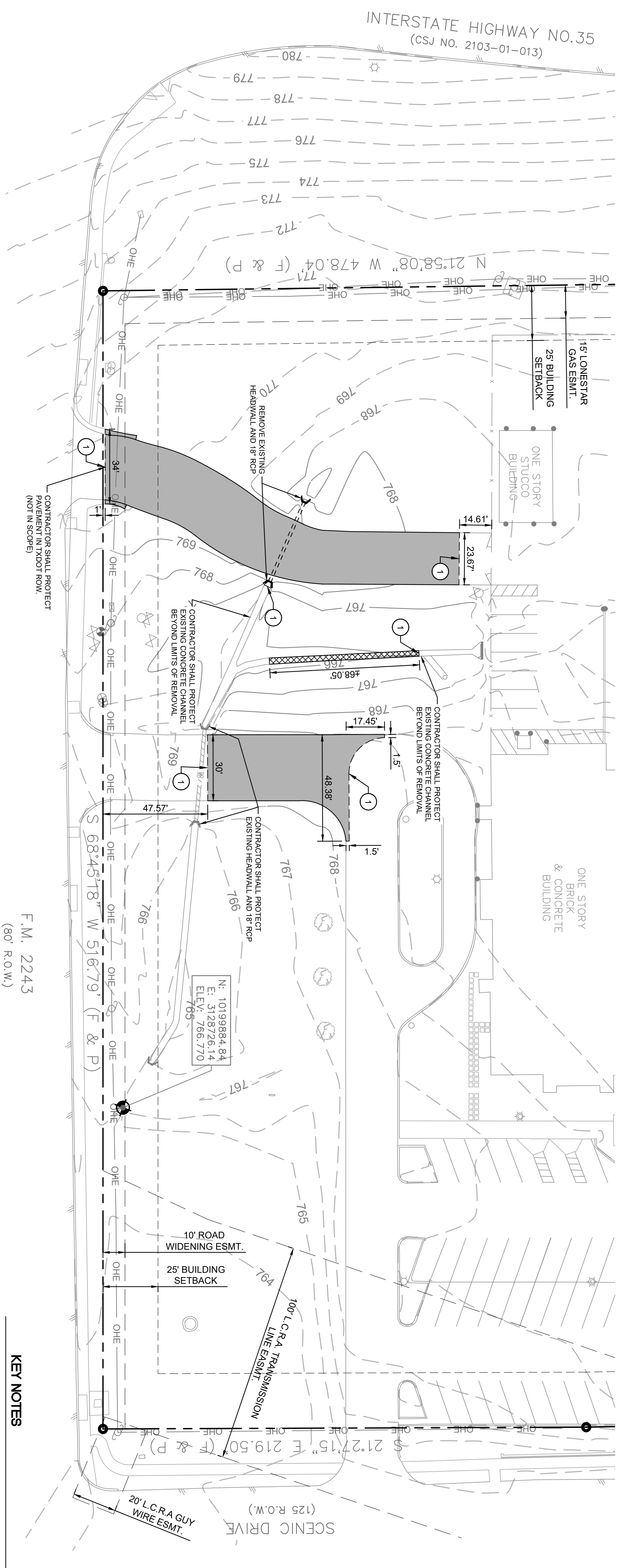
## ATTACHMENT D: BMPS FOR SURFACE STREAMS

The site does not directly discharge onto a surface stream and there are no sensitive features identified on the site per the geologic assessment. Therefore, no BMP's for surface streams have been proposed for this site.

ATTACHMENT E: REQUEST TO TEMPORARILY SEAL A FEATURE

No fractures are requested to be sealed.

ATTACHMENT F: CONSTRUCTION PLANS



F.M. 2243  
(90' R.O.W.)

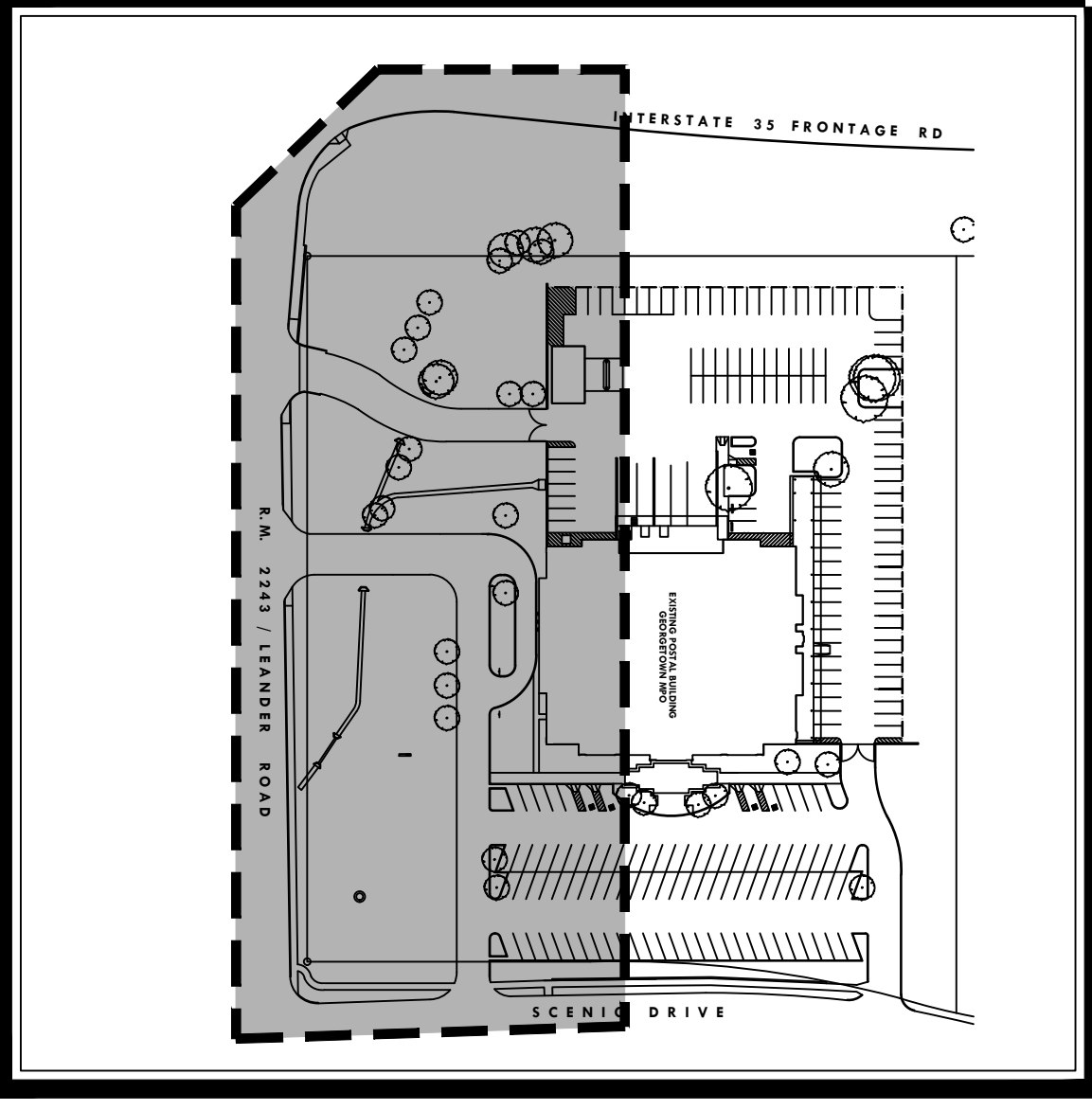
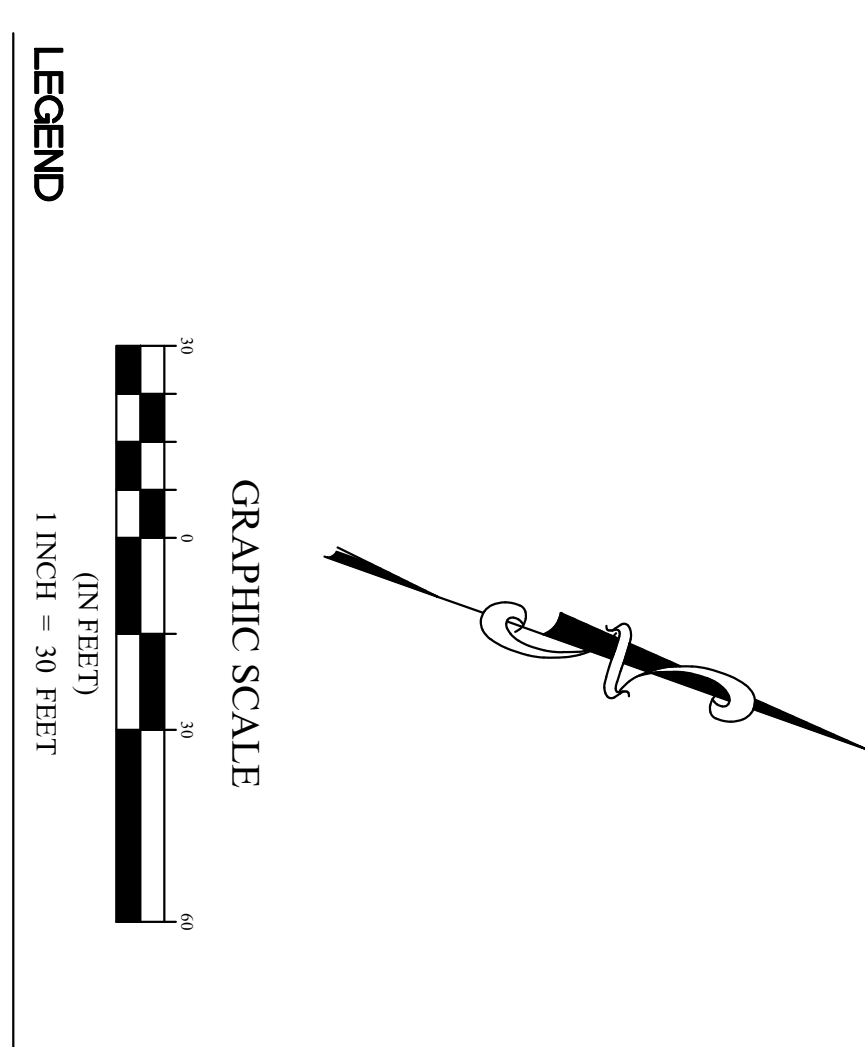
1 APPROXIMATE LOCATION OF FULL DEPTH SAW-CUT

**DEMOLITION SHEET NOTES**

1. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY ALL TO EXISTING UTILITIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF THERE ARE ANY DISCREPANCIES.
2. THE CONTRACTOR SHALL INSTALL ALL REGION CONTROL MEASURES AND DISTURBANCE ACTIVITIES.
3. PRIOR TO ANY WORK IN STATE ROW (INCLUDING DEAD AND CONSTRUCTION EXITS), A STATE ACCESS PERMIT FROM THE DEPARTMENT OF TRANSPORTATION WILL BE REQUIRED.

**LEGEND**

	FULL-DEPTH SAWCUT
	BOUNDARY / PROPERTY LINE
	BUILDING SETBACK
	EXISTING CONTOUR (MAJOR INTERVAL)
	EXISTING WATER LINE AND VALVE
	EXISTING FIRE HYDRANT
	EXISTING STORM SEWER
	EXISTING OPENED UTILITY LINE
	REMOVE CONCRETE PAVEMENT
	REMOVE CONCRETE CHANNEL



KEY MAP (NTS)

**BENCHMARKS**  
BM #1:  
NAIL WITH WASHER SET IN CONCRETE WING WALL  
EASTING = 1019884.84  
ELEVATION = 786.77'

**UNDERGROUND UTILITIES WARNING!**  
CONTRACTOR MUST CALL THE TEXAS EXCAVATION SAFETY SERVICE AT 1-800-805-7855 48 HOURS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.

REV.	REV. DATE	DESCRIPTION

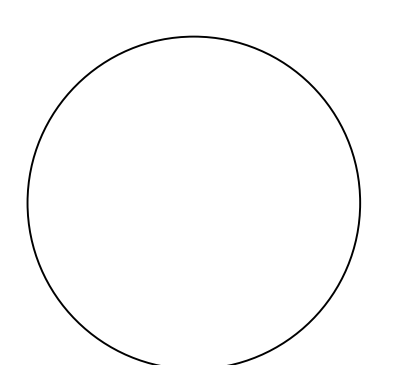
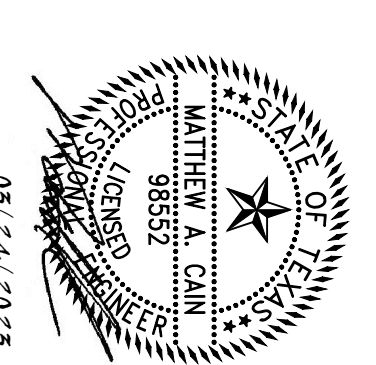
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DESIGNED BY:	JMG
DRAWN BY:	JMG
CHECKED BY:	JMG
DATE:	MARCH 24, 2023
PROJECT NO.:	23-017C

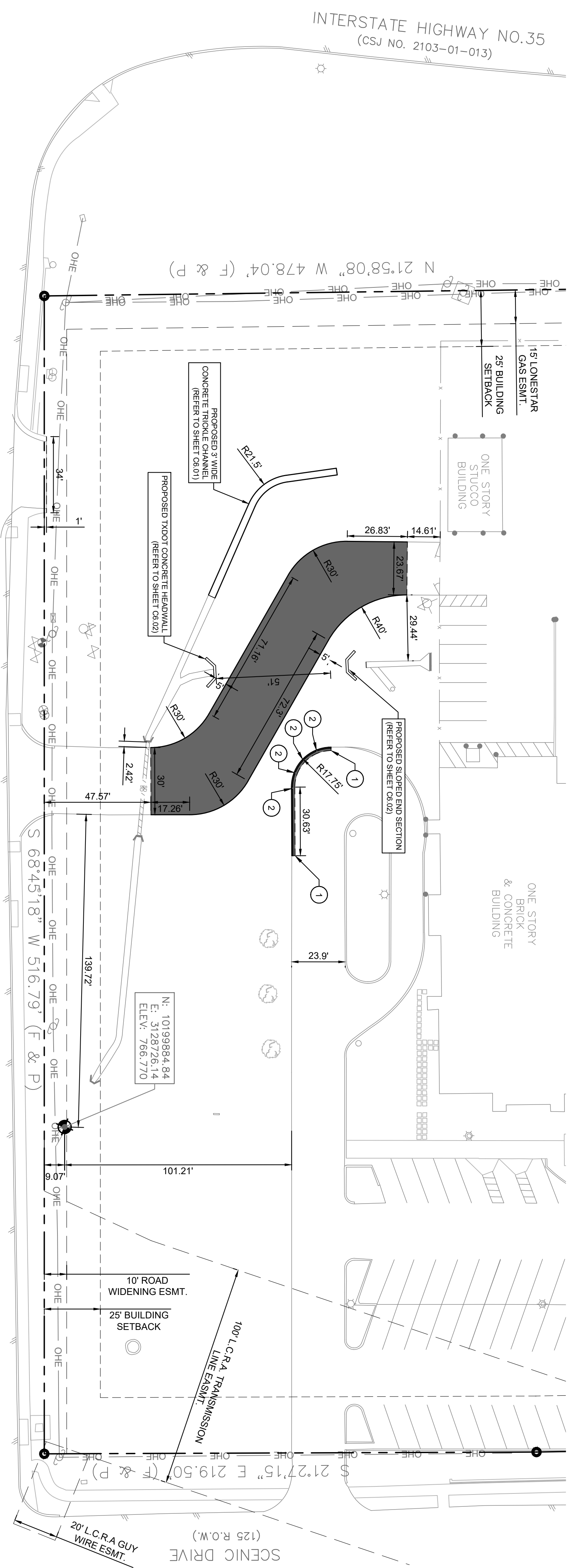
**DEMOLITION PLAN**

**USPS SITE MODIFICATIONS  
MAIN POST OFFICE**  
2300 SCENIC DRIVE,  
GEORGETOWN, TX 78626

**CLICK ENGINEERING**  
2218 BRYAN STREET  
SUITE 150  
DALLAS, TEXAS 75201  
P: 214.871.2302  
TEXAS REG. NO. F-10142

SHEET NO. **C1.01** OF 1

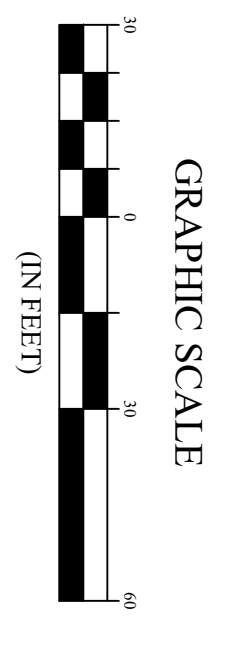




F.M. 2243  
(90' R.O.W.)

**LEGEND**

- FULL DEPTH SAWCUT (APPROXIMATE)
- BOUNDARY / PROPERTY LINE
- EASEMENT LINE
- BUILDING SETBACK
- EXISTING FENCE LINE
- HEAVY DUTY CONCRETE (REFER TO SHEET 04.01)

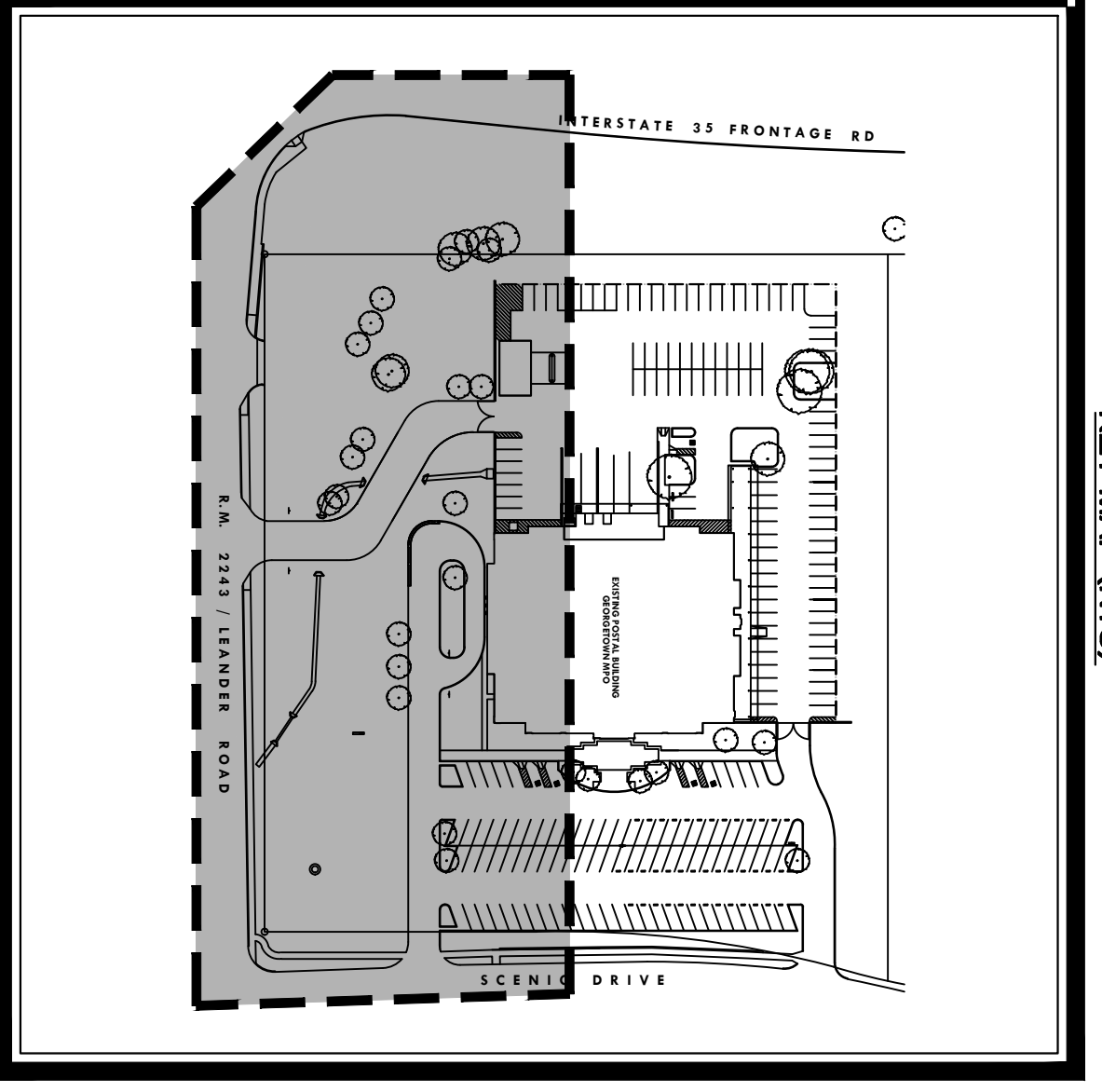


**NOTES**

1. THE CONTRACTOR SHALL INSTALL EXPANSION JOINTS EVERY 200 FEET AND CURBS AND SIDEWALKS.
2. ALL DIMENSIONS ARE TO PROPERTY LINE, EASEMENT LINE, BUILDING FACE, OR FACE OF CURB UNLESS OTHERWISE NOTED.

**KEY NOTES**

- ① CONCRETE CURB (REFER TO 04.01 FOR DETAILS)
- ② CONCRETE CURB OPENINGS (REFER TO 04.01 FOR DETAILS)



UNDERGROUND UTILITIES: WARNING! CONTRACTOR MUST CALL THE TEXAS EXCAVATION SAFETY SERVICE AT 1-800-800-7878 48 HOURS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.

**BENCHMARKS**  
BM #1: NAIL WITH WASHER SET IN CONCRETE WING WALL  
EASTING = 1019884.84  
NORTHING = 786377.1  
ELEVATION = 786.77'

REV.	REV. DATE	DESCRIPTION

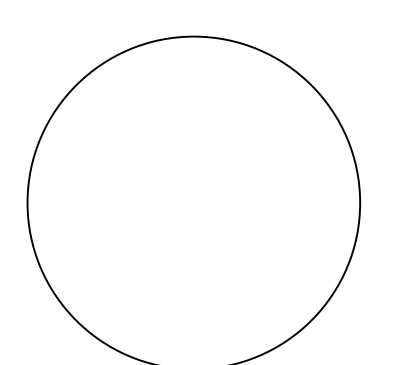
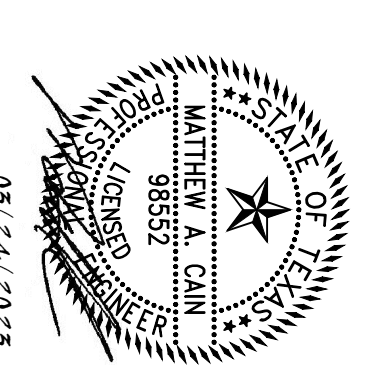
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	DESIGNED BY:	JMG
	DRAWN BY:	JMG
	CHECKED BY:	JMG
	DATE:	MARCH 24, 2023
PROJECT NO.:	23-017C	

**PAVING AND DIMENSION CONTROL PLAN**

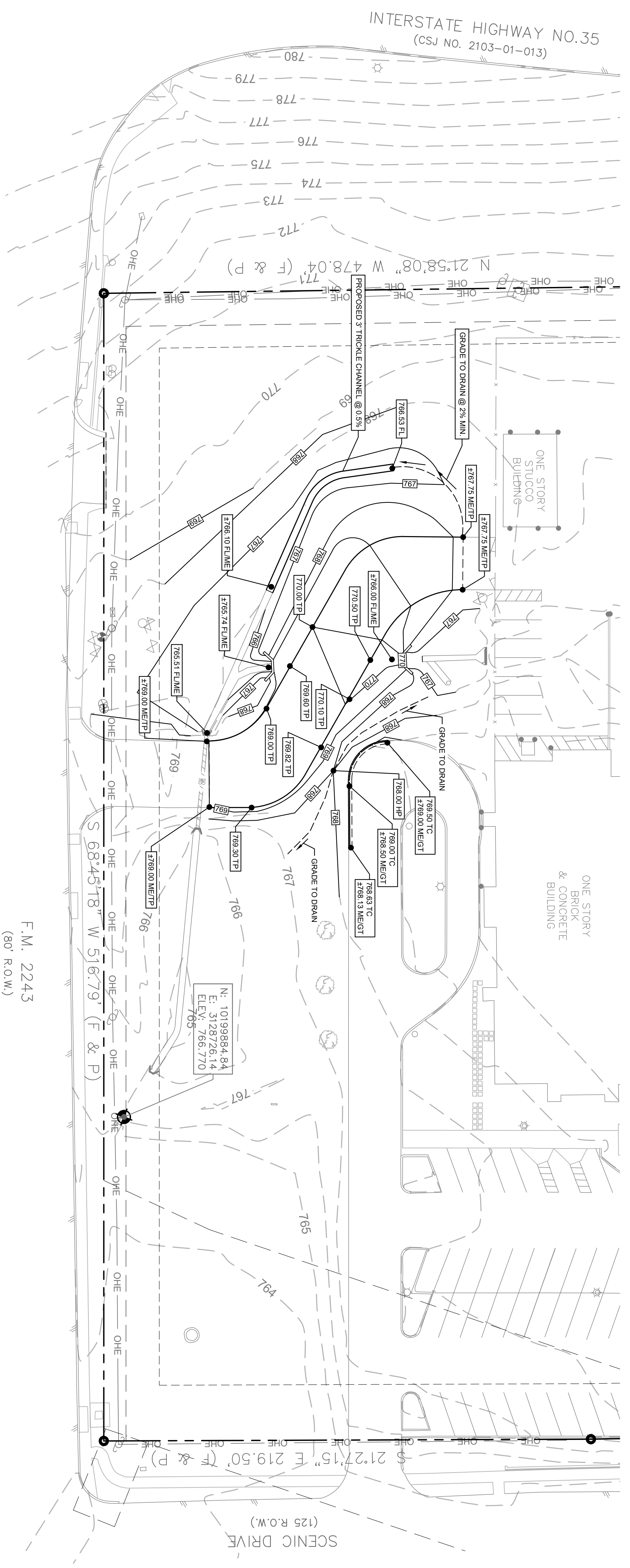
**USPS SITE MODIFICATIONS  
MAIN POST OFFICE**  
2300 SCENIC DRIVE,  
GEORGETOWN, TX 78626



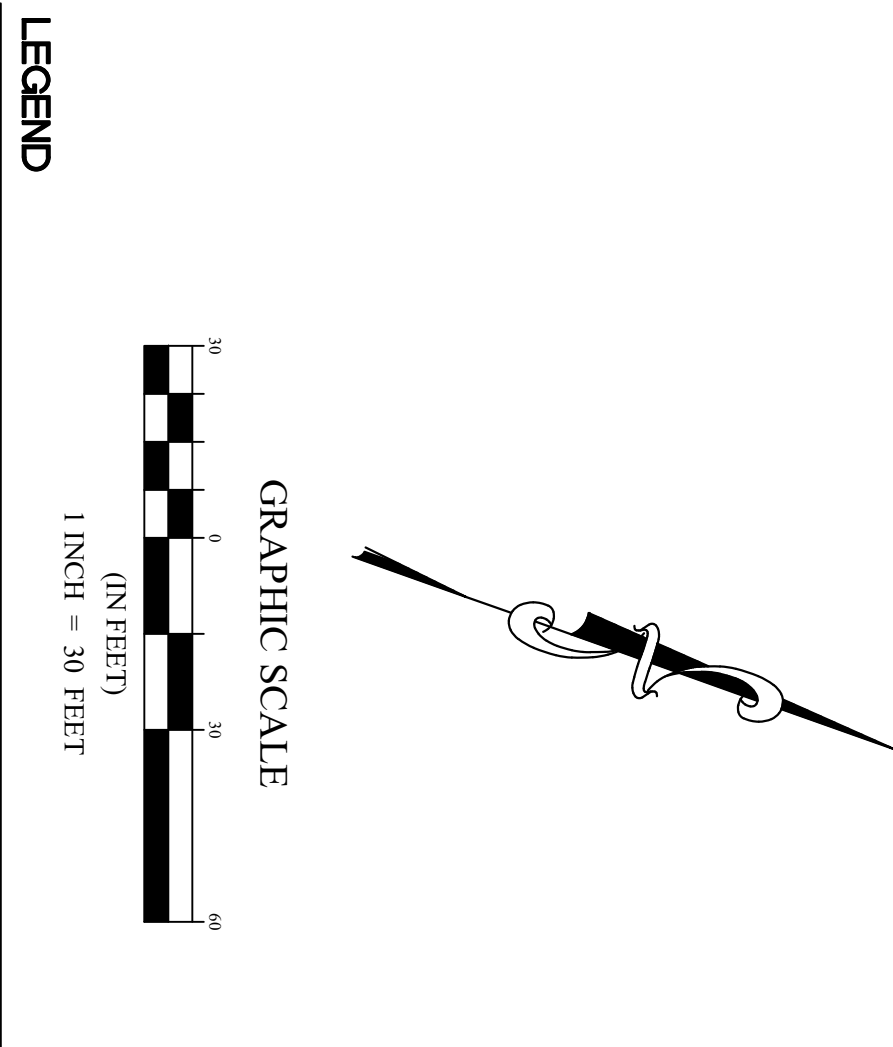
**CLICK ENGINEERING**  
2218 BRYAN STREET  
SUITE 150  
DALLAS, TEXAS 75201  
P: 214.871.2302  
TEXAS REG. NO. F-10142



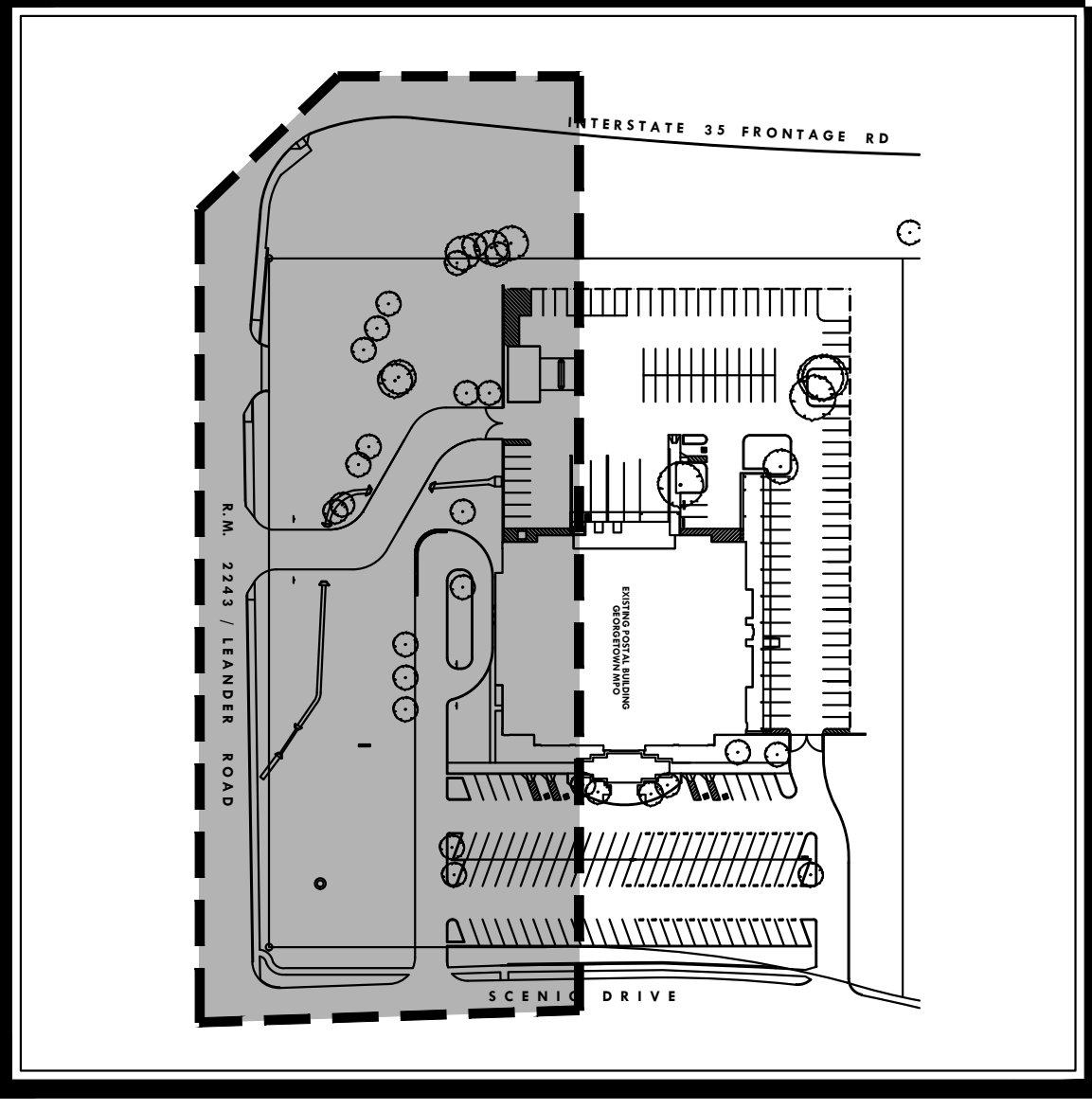




F.M. 2243  
(90' R.O.W.)



- GRADING SHEET NOTES**
1. ALL SPOT ELEVATIONS AND CONTOURS REPRESENT THE TOP SURFACE OF THE EXISTING GRADE. THE CONTRACTOR WANTS TO ACHIEVE THE SUBGRADE ELEVATION, THEY SHALL INDICATE THE THICKNESS OF PAVEMENT AND ANY BASE MATERIALS.
  2. UNLESS NOTED OTHERWISE, SPOT ELEVATIONS REPRESENT THE BASE OF CURB (FLOW LINE OF CURB) ELEVATION.
  3. SIREWALKS SHALL HAVE A MAXIMUM GROSS-SLOPE OF 1:50 (2%) AND A MAXIMUM LONGITUDINAL SLOPE OF 1:20 (5%). WHEN SIREWALKS ARE UP TO THE DOOR AND 18" TO THE STREET SIDE OF THE DOOR, SHALL SLOPE IN ANY DIRECTION TO THE BUILDING AT 1% MINIMUM AND AT 2% MAXIMUM SLOPE IN ANY DIRECTION.
  4. PAVEMENT AT COVERED PATIOS SHALL SLOPE AWAY FROM THE BUILDING AT 1% MINIMUM AND AT 2% MAXIMUM SLOPE IN ANY DIRECTION. THE MAXIMUM SLOPE IN UNPAVED AREAS SHALL BE 4:1 UNLESS OTHERWISE NOTED.
  5. ALL SIREWALKS, PARKING STALLS AND OTHER ACCESSIBLE SITE ELEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ADA/AFSA STANDARDS.
  6. ALL CURB HEIGHTS ARE 6", UNLESS NOTED OTHERWISE.
  7. IF ANY LARGE SIZE ROCKS OR Boulders ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT FOR THEIR CONSIDERATION TO INCORPORATE SOME OR ALL OF IT INTO THE LANDSCAPING, IN LIEU OF HAULING IT AWAY.



**BENCHMARKS**

BM #1:  
NAIL WITH WASHER SET IN CONCRETE WING WALL

POSTING = 10199884 84  
ELEVATION = 786.77'

UNDERGROUND UTILITIES: THE CONTRACTOR MUST CALL THE TEXAS EXCAVATION SAFETY SERVICE AT 1-800-800-7855 48 HOURS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.

REV.	REV. DATE	DESCRIPTION

SCALE:	JMG
DESIGNED BY:	JMG
DRAWN BY:	JMG
CHECKED BY:	JMG
DATE:	MARCH 24, 2023
PROJECT NO.:	23-017C

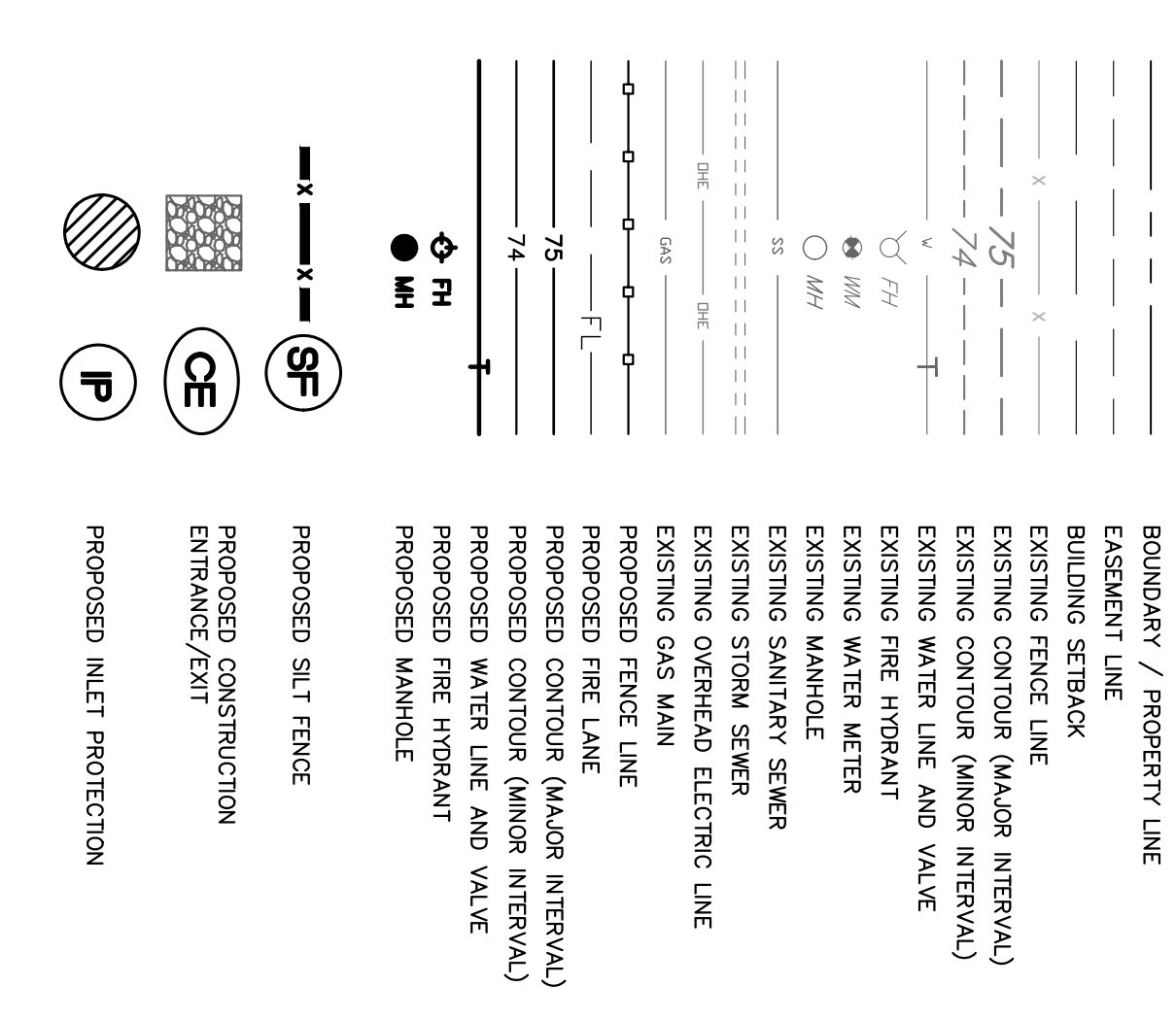
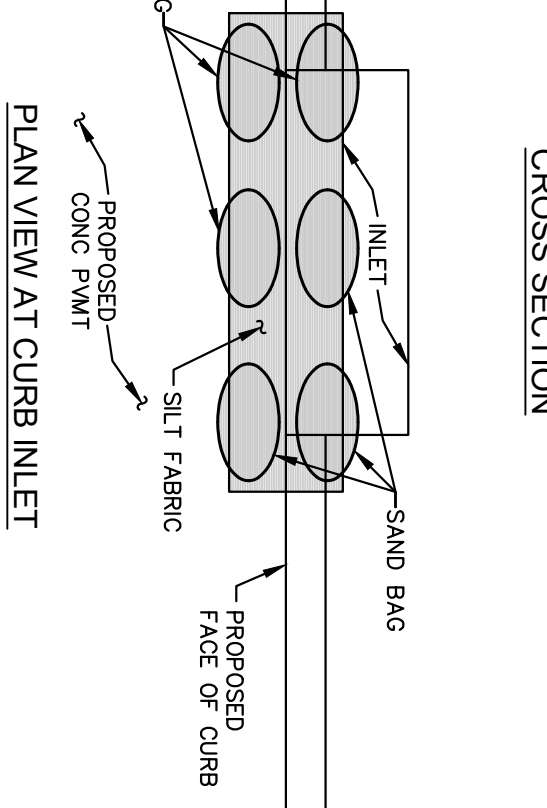
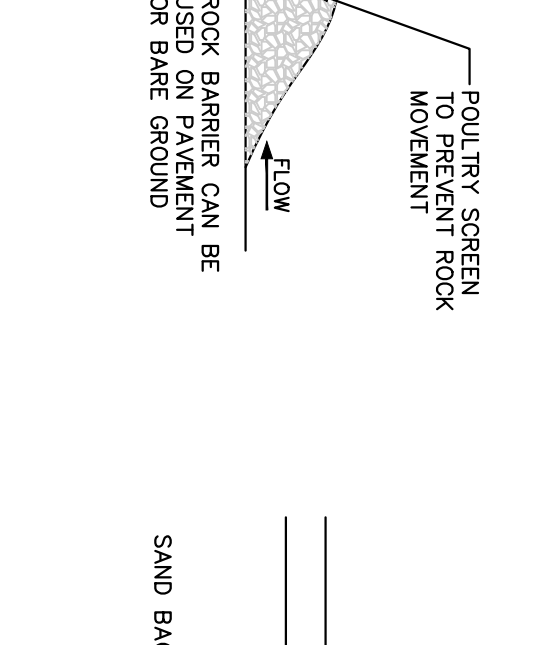
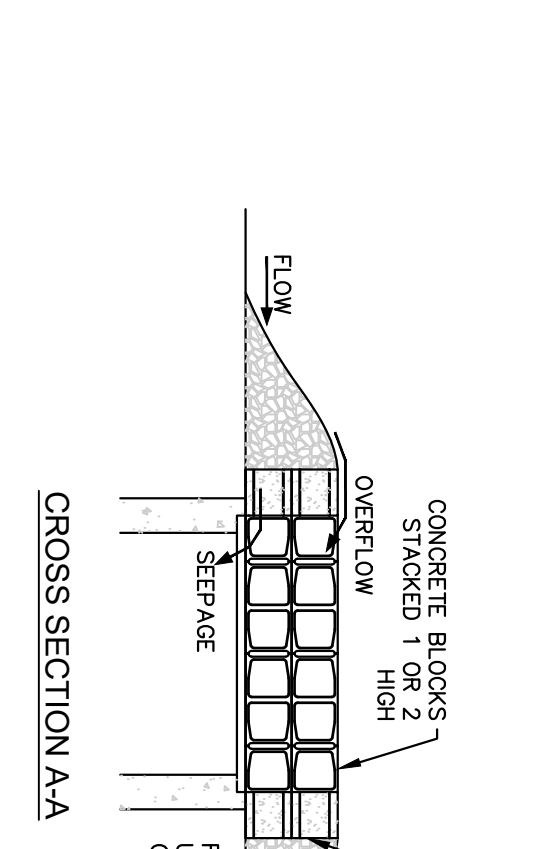
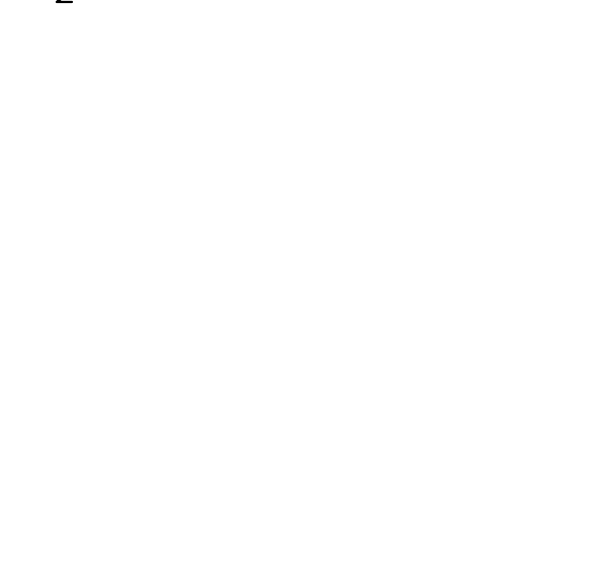
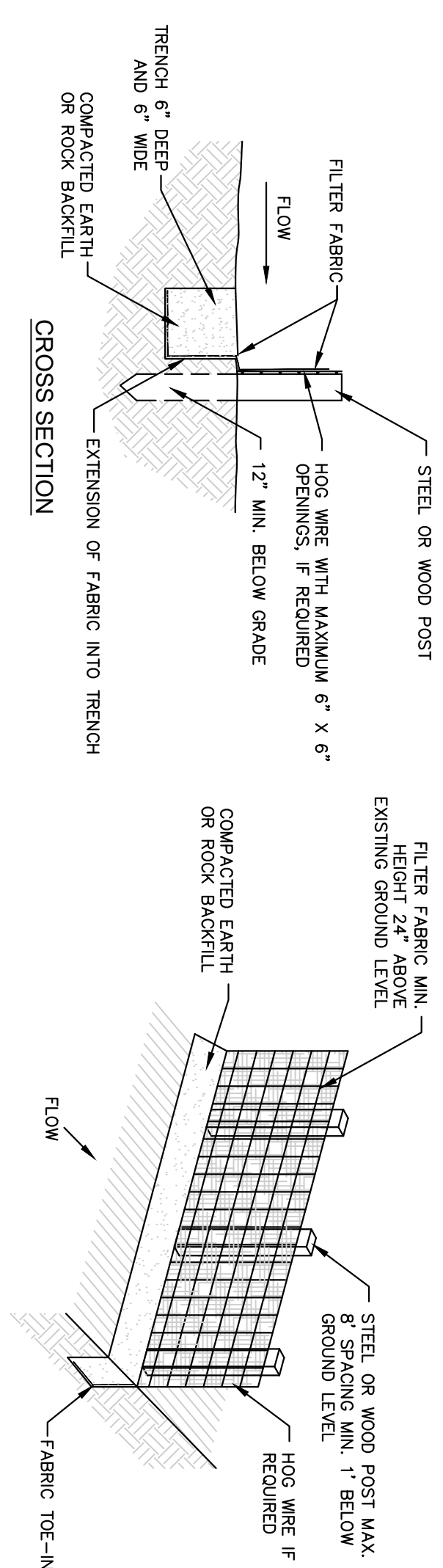
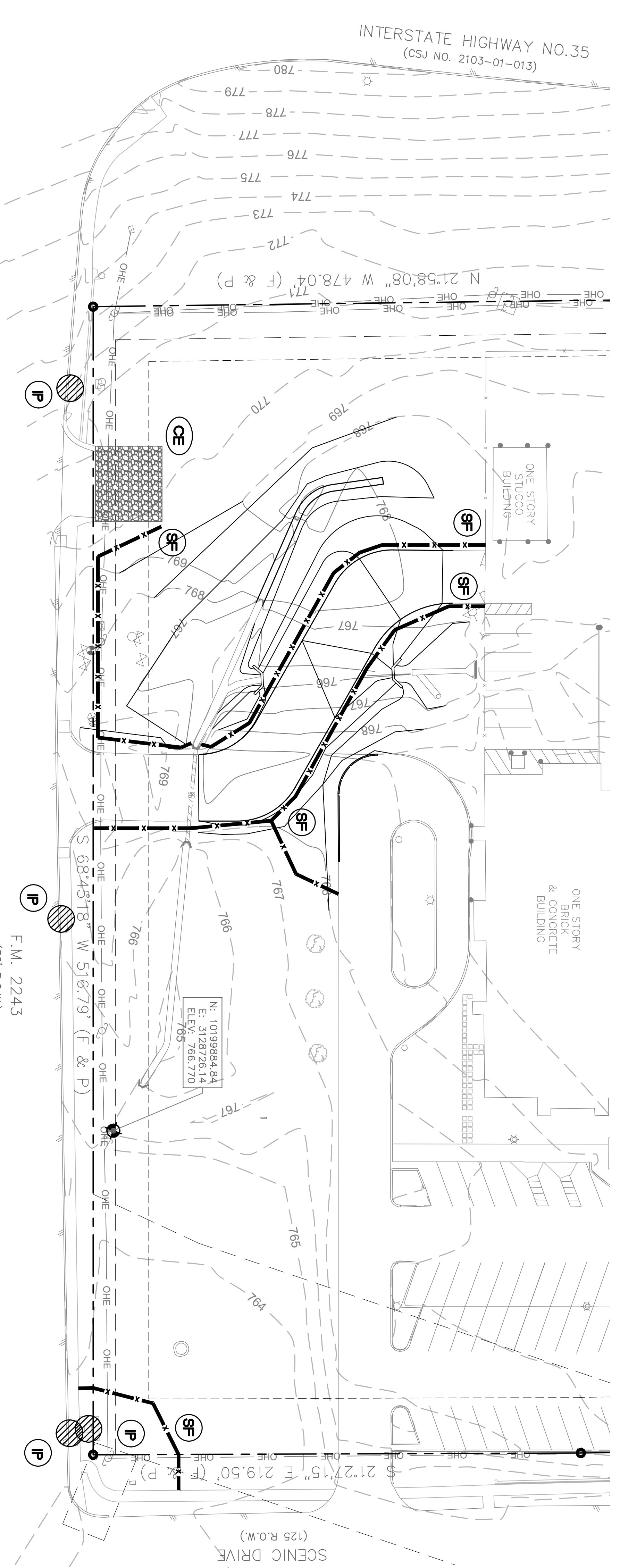
**GRADING PLAN**

**USPS SITE MODIFICATIONS  
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**CLICK ENGINEERING**  
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**EROSION CONTROL SHEET NOTES (1)**

1. THE CONTRACTOR SHALL INSTALL ALL EROSION CONTROL MEASURES AND FOLLOW THE SWEEP UP APPLICABLE PRIOR TO THE START OF CONSTRUCTION.
2. CONTRACTOR TO PROVIDE BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENTATION CONTROLS AS SEEN FIT FOR THE SCOPE OF THE PROJECT.
3. EROSION CONTROL MEASURES ARE Ongoing. THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES THROUGHOUT CONSTRUCTION TO COMPLY WITH ALL EROSION PROTECTION REQUIREMENTS.
4. CONTRACTORS MUST REMOVE SEDIMENT ACCUMULATION IN ALL EROSION CONTROL STRUCTURES AS PART OF MAINTENANCE. EROSION CONTROL STRUCTURES SHALL BE MAINTAINED TO A B-WEEKLY BASIS DURING CONSTRUCTION.
5. CONTRACTOR TO REFER TO EROSION CONTROL DETAILS INCLUDED IN THIS PLAN SET.

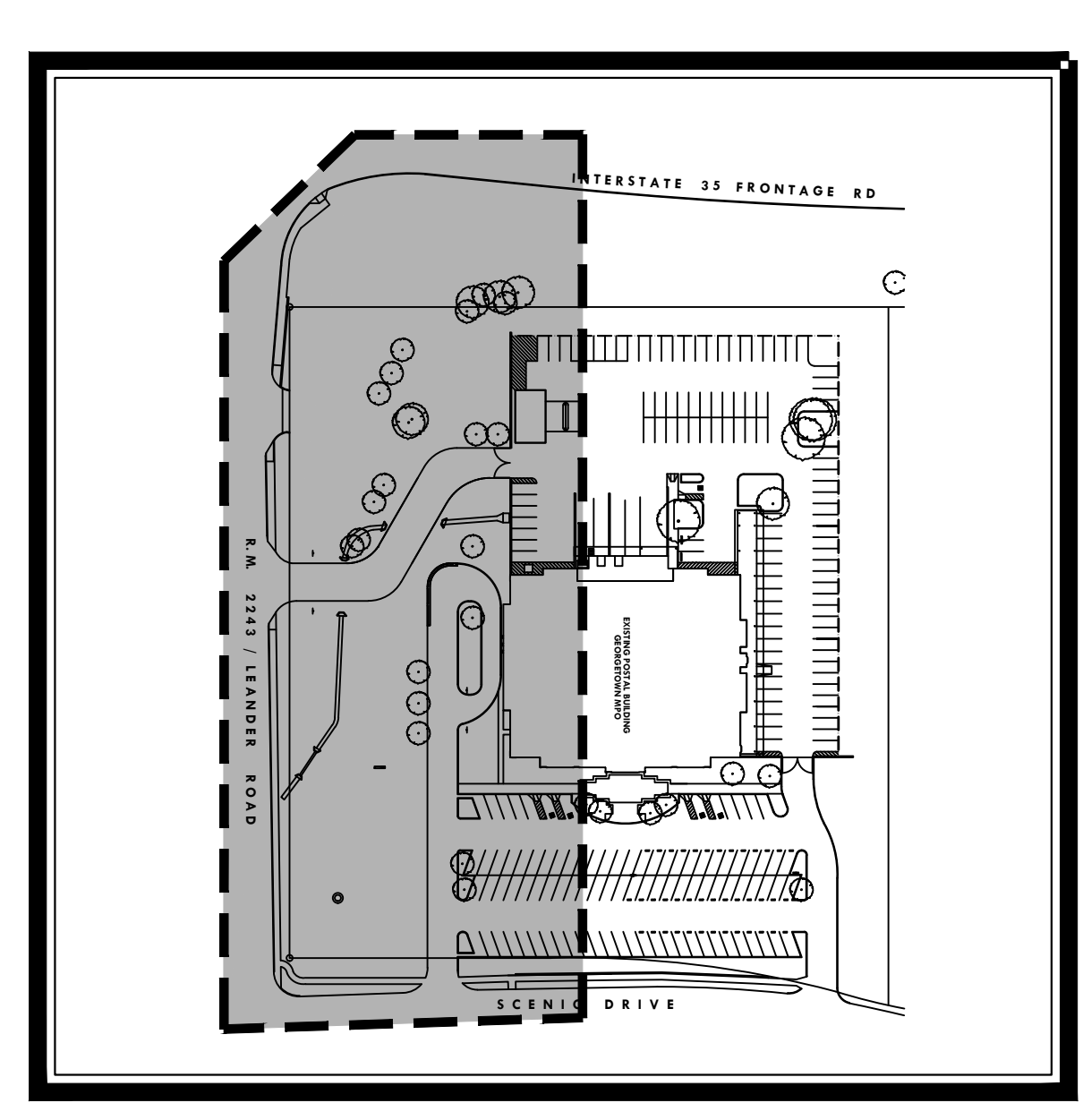
**EROSION CONTROL SHEET NOTES (2)**

1. EROSION CONTROL DEVICES AS SHOWN ON THE EROSION CONTROL PLAN FOR THE PROJECT SHALL BE INSTALLED PRIOR TO THE START OF LAND DISTURBING ACTIVITIES ON THE PROJECT.
2. ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS FOR THE PROJECT. CHANGES ARE TO BE APPROVED BEFORE CONSTRUCTION BY THE DESIGN ENGINEER AND THE CITY OF GEORGETOWN.
3. IF THE EROSION CONTROL PLAN AS APPROVED CANNOT CONTROL EROSION AND OFF-SITE SEDIMENTATION FROM THE PROJECT THE EROSION CONTROL PLAN WILL BE REQUIRED TO BE REVISED TO PROVIDE ADDITIONAL EROSION CONTROL MEASURES.
4. IF OFF-SITE EROSION OR SPILLS ARE IN CONFORMANCE WITH THIS PROJECT THE INFORMATION SHALL BE RECORDED AND SHOWN ON THE EROSION CONTROL PLAN. APPROVAL OF THE PROJECT.
5. INSPECTIONS SHALL BE MADE WEEKLY AND AFTER RAIN STORM EVENTS TO INSURE THAT THE DEVICES ARE FUNCTIONING PROPERLY. WHEN SEDIMENT OR MUD HAS COLLECTED THE DOWN OPERATOR SHALL NOT BE ALLOWED TO DRAIN DIRECTLY OFF SITE WITHOUT FIRST FLOWING THROUGH ANOTHER BARR TO CONTROL OFF-SITE SEDIMENTATION. PERIODIC RE-CHECKING ON THE ADDITION OF NEW STORM MAY BE REQUIRED TO MAINTAIN THE EFFECTIVENESS OF THE INSTALLATION.
6. CONTRACTOR SHALL HAVE A COPY OF THE SWEEP UP SITE AT ALL TIMES.
7. STORM WATER POLLUTION PREVENTION REQUIREMENTS.

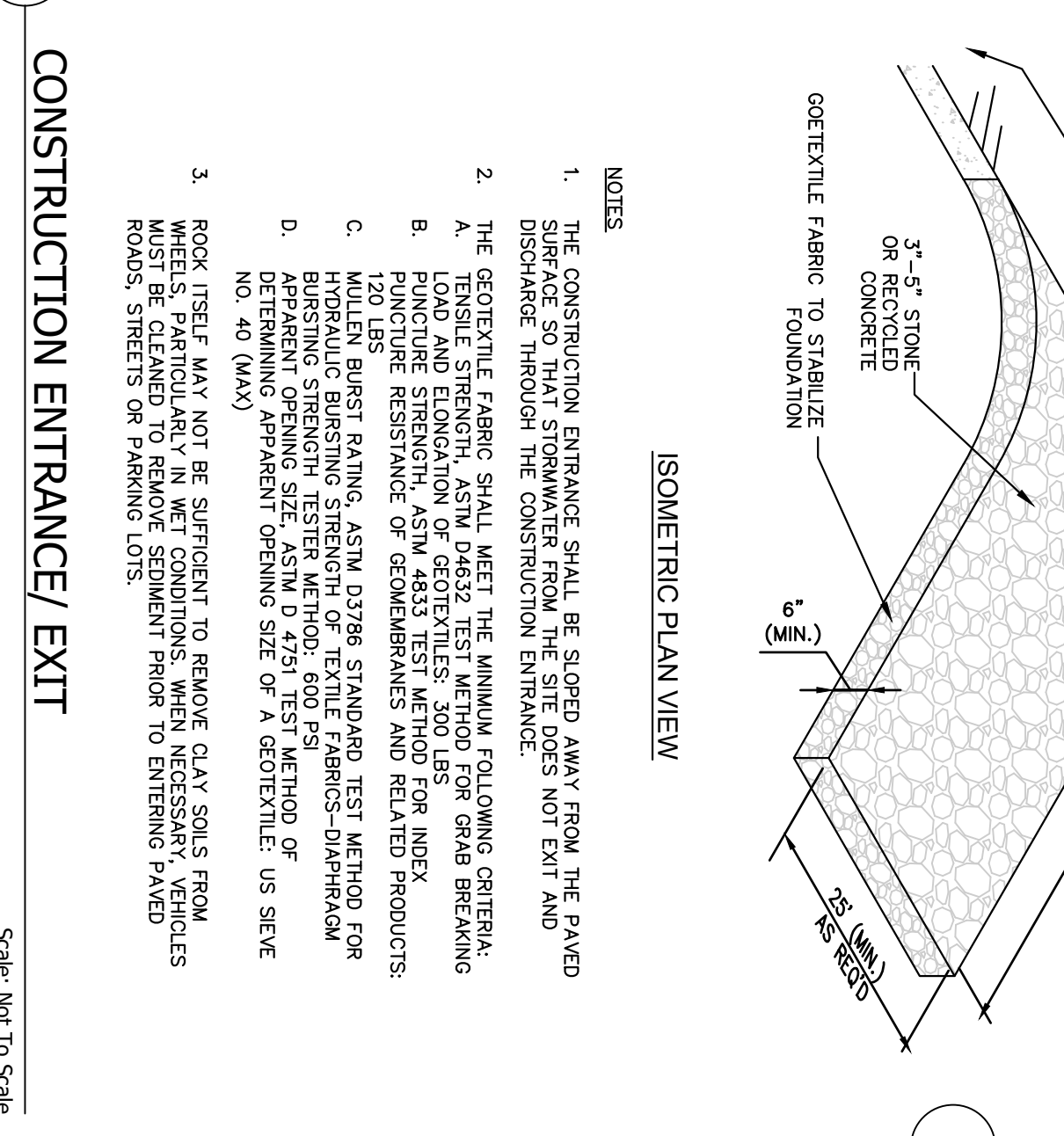
**CONSTRUCTION ENTRANCE/ EXIT**

SCALE: NOT TO SCALE

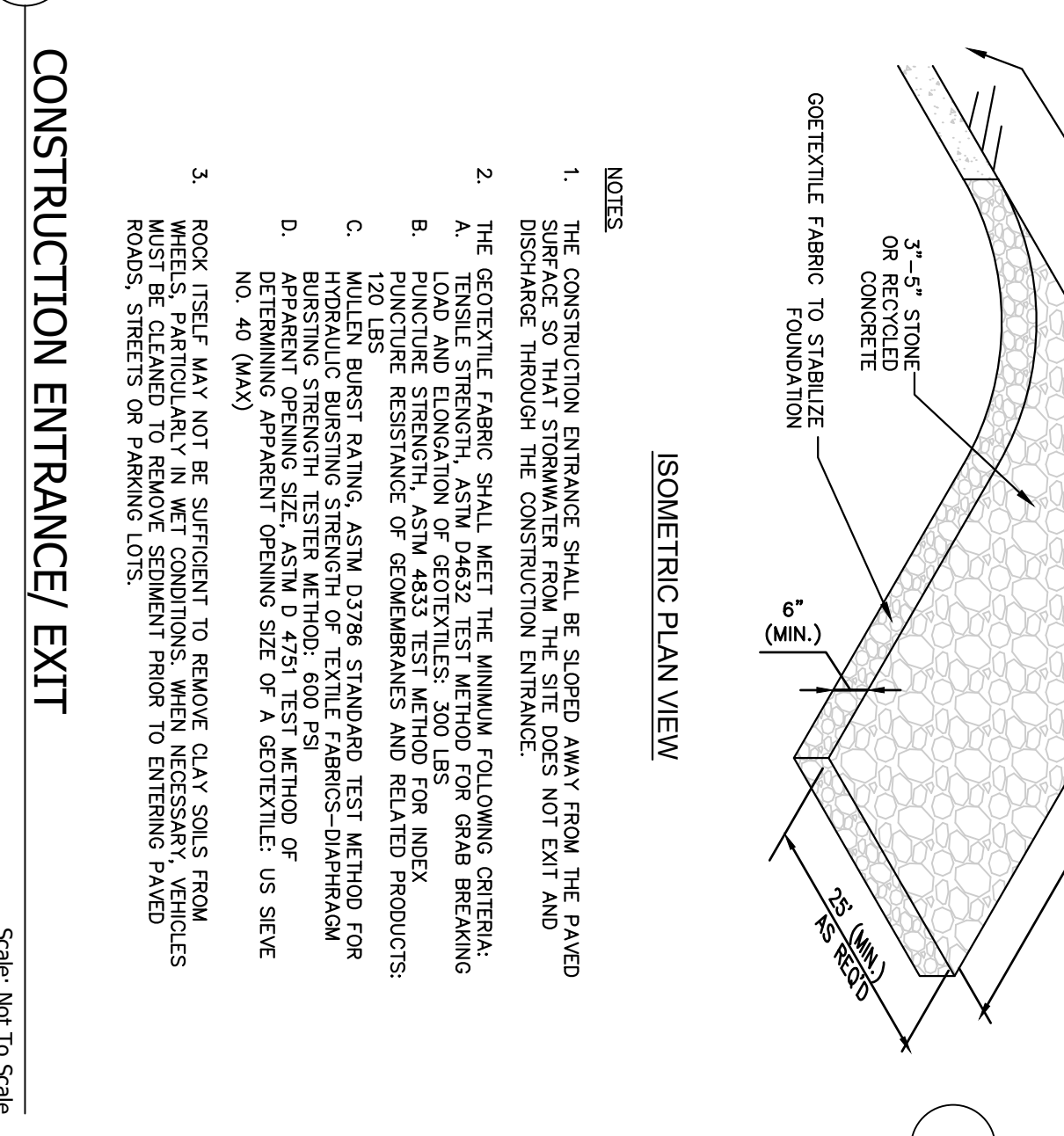
**1**



**2**



**3**



**NOTES**

1. THE CONSTRUCTION ENTRANCE SHALL BE SLOPED AWAY FROM THE PAVED SURFACE TO DRAIN STORMWATER FROM THE SITE. ROCKS NOT EXIST AND NOT TO BE INSTALLED.
2. THE GEOTEXTILE FABRIC SHALL MEET THE MINIMUM FOLLOWING CRITERIA:  
A. TENSILE STRENGTH, ASTM D682 TEST METHOD FOR GRADE BREAKING.  
B. PUNCHING STRENGTH, ASTM D453 TEST METHOD FOR INDEX.  
C. TENSILE STRENGTH, ASTM D682 TEST METHOD FOR GRADE BREAKING.  
D. MULTIPLE BURST RAINING, ASTM D799 STANDARD TEST METHOD FOR BURSTING STRENGTH TESTER METHOD. 7500 POUNDS OF PRESSURE.  
E. DETERMINING APPARENT OPENING SIZE OF A GEOTEXTILE: US SIEVE NO. 40 (0.425).
3. ROCK TESTS MAY NOT BE SUFFICIENT TO REMOVE CLAY SIZES FROM ROCKS. ROCKS MUST BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTERING PAVED ROADS, STREETS OR PARKING LOTS.

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DRAWN BY:	JMG
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DATE:	MARCH 24, 2023
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**CS.01**

**EROSION CONTROL PLAN AND DETAILS**

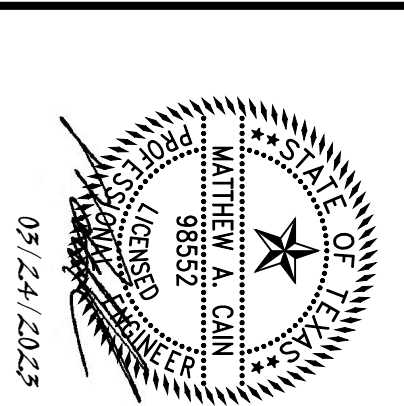
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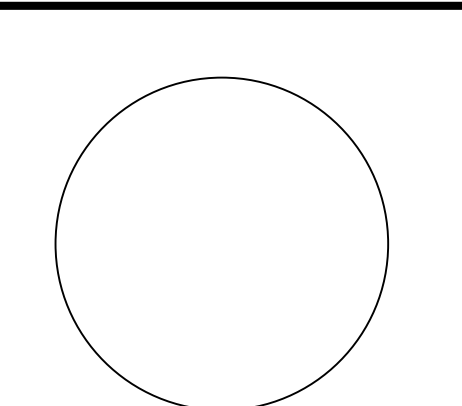
NO.	REVISION	DATE

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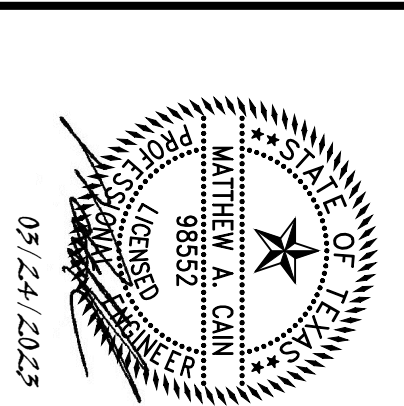
**BROWN REYNOLDS WATFORD ARCHITECTS**  
3535 TRAVIS STREET  
SUITE 250  
DALLAS, TEXAS 75204  
214-578-8704  
WWW.BRWARCH.COM



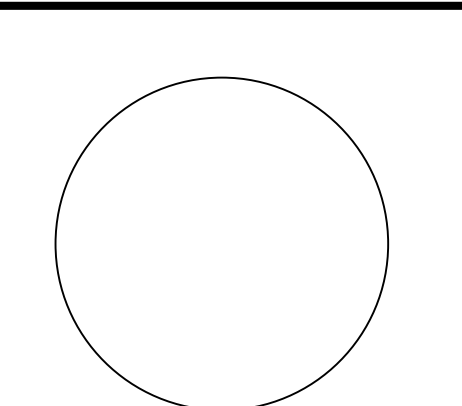
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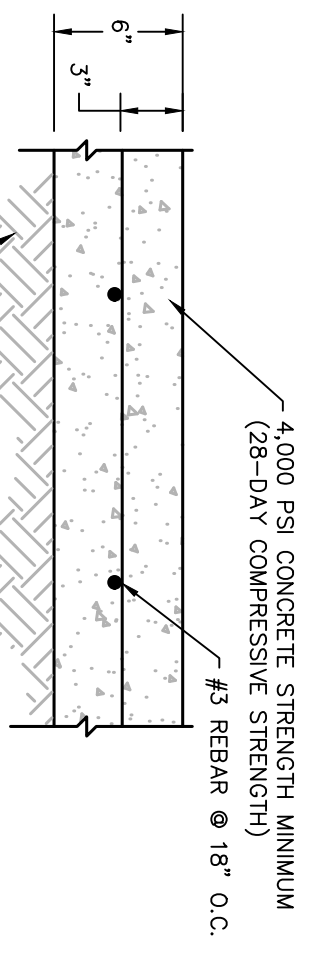
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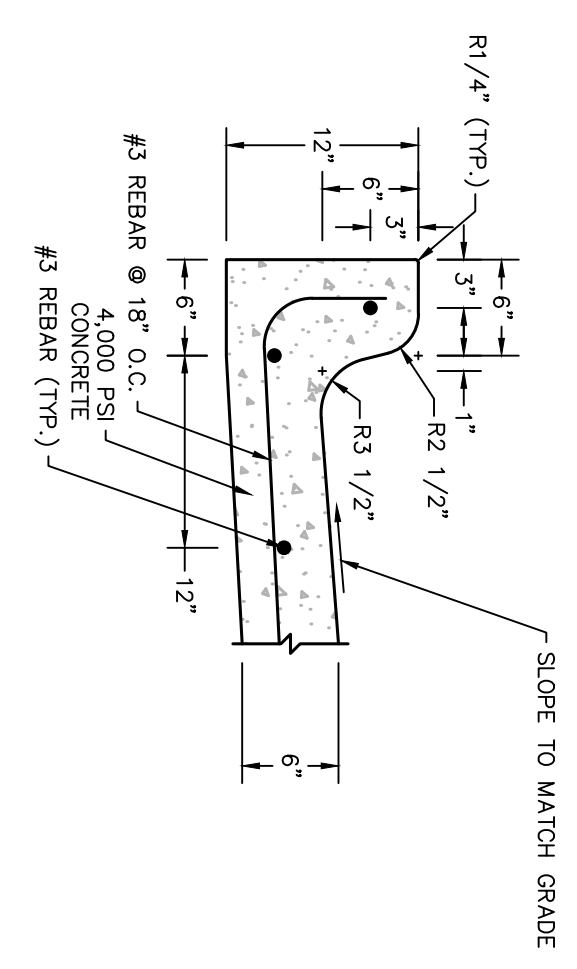
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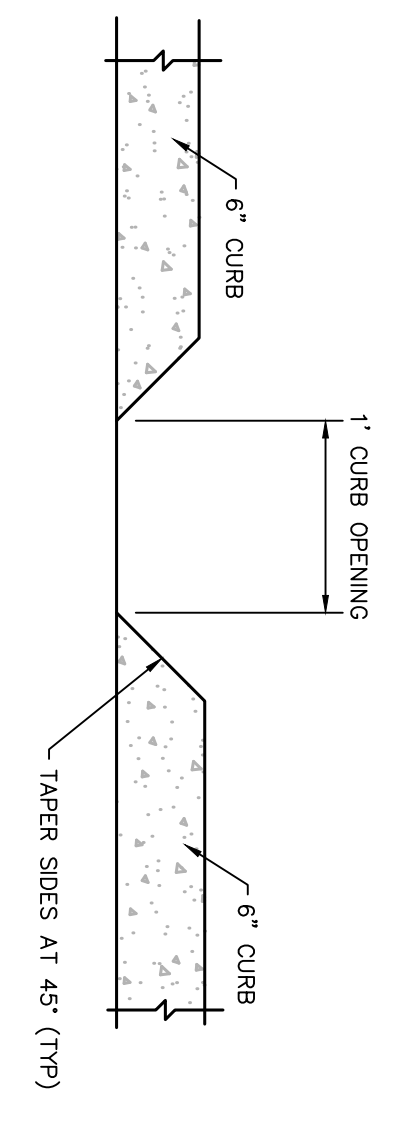
**HEAVY DUTY CONCRETE PAVING**

**1 CONCRETE PAVEMENT SECTIONS**  
Scale: Not to Scale



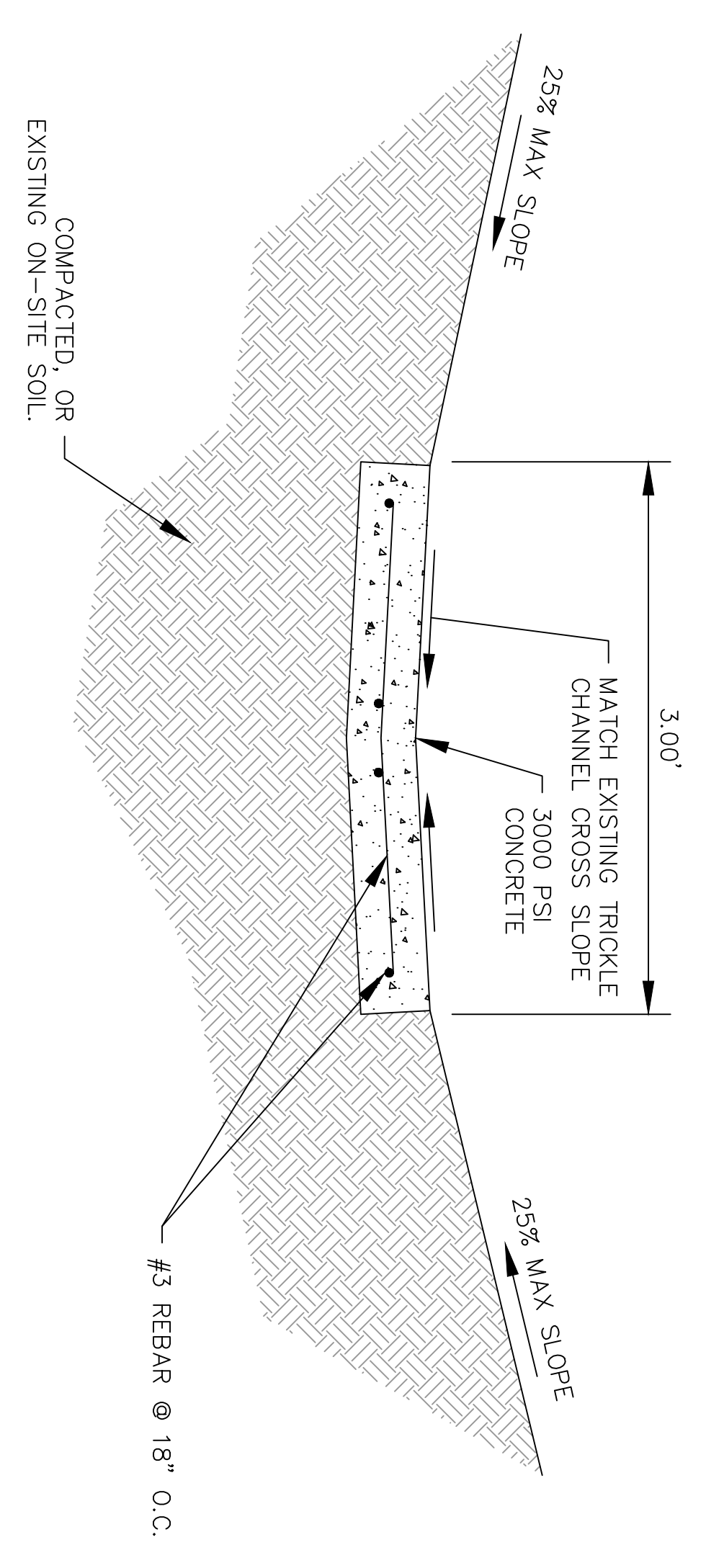
**CONCRETE CURB AND GUTTER AND CURB OPENINGS**

**2 CONCRETE CURB AND GUTTER AND CURB OPENINGS**  
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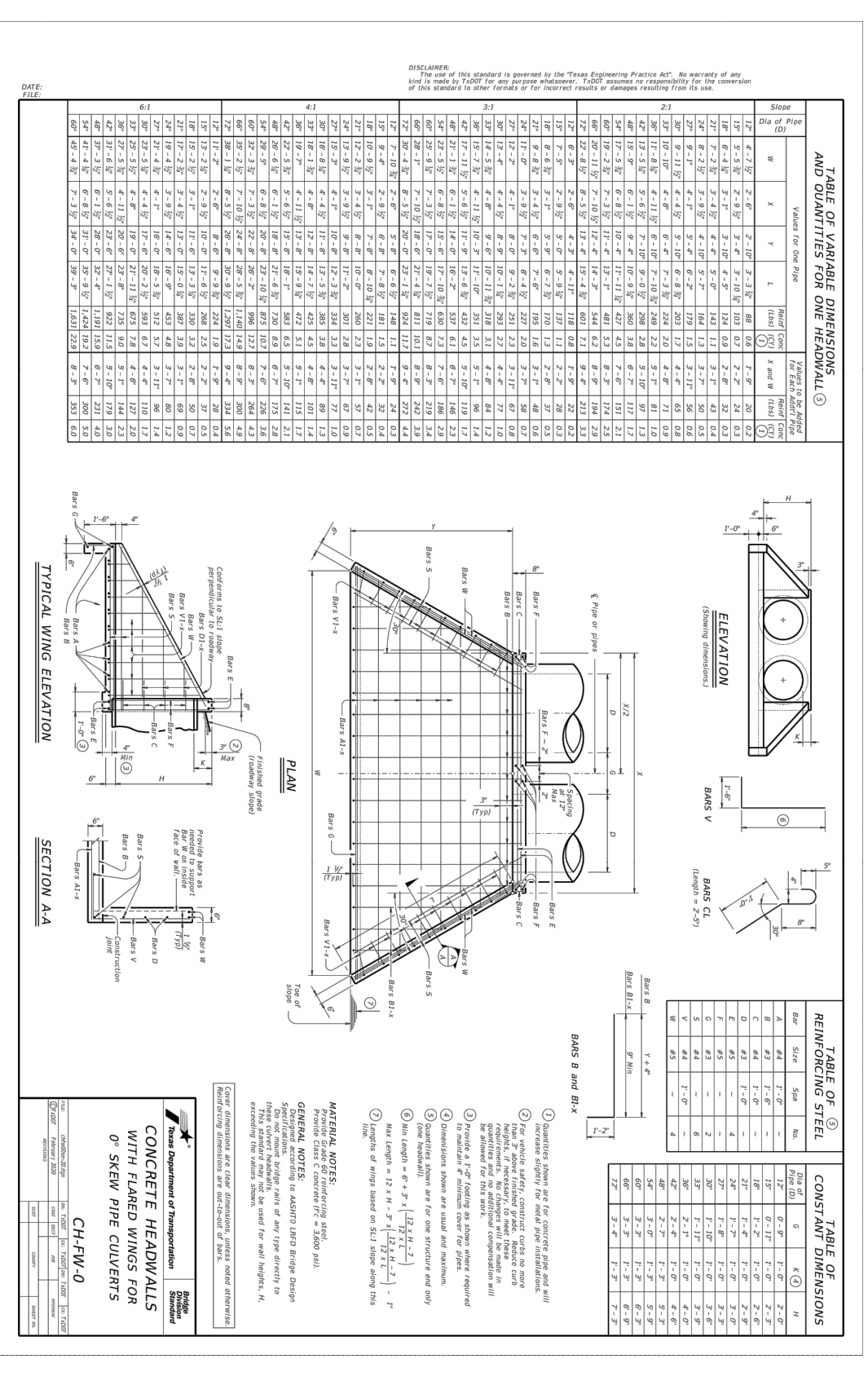


**CONCRETE CURB OPENING**

Scale: Not to Scale



**3 3' WIDE CONCRETE TRICKLE CHANNEL**  
Scale: Not to Scale

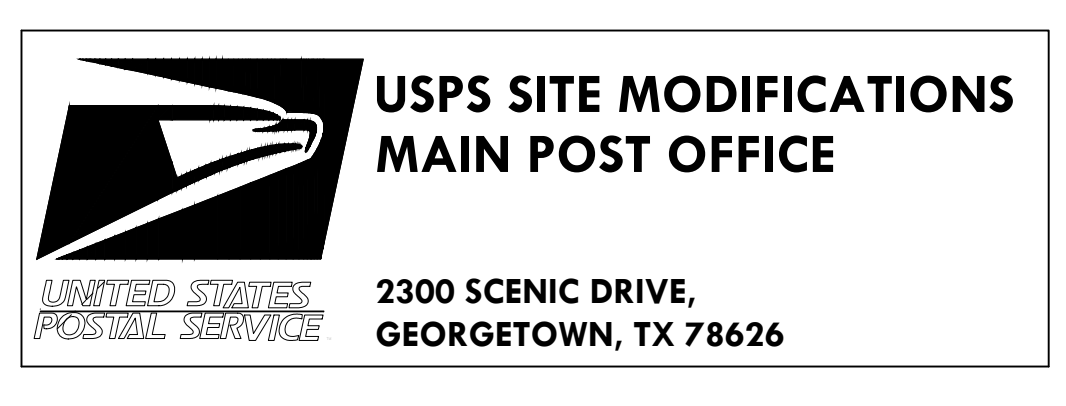


REV.	REV. DATE	DESCRIPTION

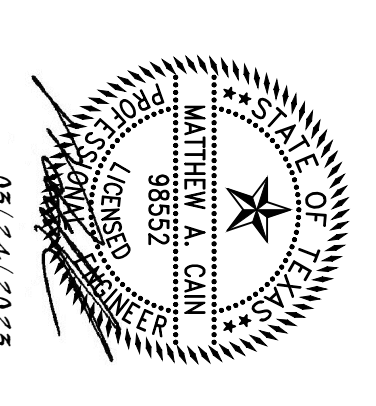
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