

Texas Commission on Environmental Quality

Edwards Aquifer Application Cover Page

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 will be denied. Please note that because the technical review is underway, whether the application is withdrawn or denied **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:

- If the technical review has begun your application can be denied/withdrawn, your fees will be forfeited, and the plan will have to be resubmitted.
- 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 denied/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 affected 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.

1. Regulated Entity Name: CR 258 Extension				2. Regulated Entity No.:					
3. Customer Name: Williamson County				4. Customer No.: CN600897888					
5. Project Type: (Please circle/check one)	New	Modification	Extension	Exception					
6. Plan Type: (Please circle/check one)	WPAP	CZP	SCS	UST	AST	EXP	EXT	Technical Clarification	Optional Enhanced Measures
7. Land Use: (Please circle/check one)	Residential	Non-residential			8. Site (acres):		1.99		
9. Application Fee:	\$500	10. Permanent BMP(s):			Vegetative filter strips				
11. SCS (Linear Ft.):				12. AST/UST (No. Tanks):					
13. County:	Williamson	14. Watershed:			North Fork 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

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

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

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

Adam Pfeiffer

Print Name of Customer/Authorized Agent

Adam Pfeiffer

Digitally signed by Adam Pfeiffer
DN: c=US, e=apfeiff@stuartinsprkz.com, O=American
Refrigerators, OU=American Refrigerators, CN=Adam Pfeiffer
Date: 2023.07.21 09:45:04-0500

7/21/2023

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):

Contributing Zone Exception Request Form

Texas Commission on Environmental Quality

for Regulated Activities on the Contributing Zone to the Edwards Aquifer and Relating to 30 TAC §213.24(1), 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 **Contributing Zone Exception Request Form** is hereby submitted for TCEQ review and executive director approval. The request was prepared by:

Print Name of Customer/Agent: Adam Pfeiffer

Date: 07/15/2023

Signature of Customer/Agent:

Adam Pfeiffer

Digitally signed by Adam Pfeiffer
DN: C=US, E=apfeiffer@structurepoint.com,
O=American Structurepoint, OU=American
Structurepoint, CN=Adam Pfeiffer
Date: 2023.07.21 08:45:57-05'00'

Regulated Entity Name: CR 258 Extension

Project Information

1. County: Williamson County
2. Stream Basin: _____
3. Groundwater Conservation District (if applicable): _____
4. Customer (Applicant):

Contact Person: Terron Evertson, PE

Entity: Williamson County

Mailing Address: 3151 S.E. Inner Loop, Suite B

City, State: Georgetown, TX

Zip: 78626

Telephone: 512-943-3300

Fax: _____

Email Address: tevertson@wilco.org

5. Agent/Representative (If any):

Contact Person: Adam Pfeiffer

Entity: American Structurepoint

Mailing Address: 3711 S Mopac Expressway

City, State: Austin, TX

Zip: 78746

Telephone: 512-494-6037

Fax: _____

Email Address: apfeiffer@structurepoint.com

6. Project Location

This project is inside the city limits of Liberty Hill.

This project is outside the city limits but inside the ETJ (extra-territorial jurisdiction) of _____.

This project is not located within any city limits or ETJ.

7. The location of the project site is described below. Sufficient detail and clarity has been provided so that the TCEQ's Regional staff can easily locate the project and site boundaries for a field investigation.

8. **Attachment A - Road Map.** A road map showing directions to and location of the project site is attached. The map clearly shows the boundary of the project site.

9. **Attachment B - USGS Quadrangle Map.** A copy of the USGS Quadrangle Map (Scale: 1" = 2000') is attached. The map(s) should clearly show:

Project site boundaries.

USGS Quadrangle Name(s).

10. **Attachment C - Project Narrative.** A detailed narrative description of the proposed project is provided at the end of this form. 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

11. 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/Not cleared)
- Other: _____

12. **Attachment D - Nature Of Exception.** A narrative description of the nature of each exception requested is attached. All provisions of 30 TAC §213 Subchapter B for which an exception is being requested have been identified in the description.
13. **Attachment E - Equivalent Water Quality Protection.** Documentation demonstrating equivalent water quality protection for surface streams which enter the Edwards Aquifer is attached.

Administrative Information

14. 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.
15. The applicant understands that prior approval under this section must be obtained from the executive director for the exception to be authorized.

Agent Authorization Form
For Required Signature
Edwards Aquifer Protection Program
Relating to 30 TAC Chapter 213
Effective June 1, 1993

I _____ Bill Gravell, Jr. _____
Print Name
_____ Williamson County Judge _____
Title - Owner/President/Other
of _____ Williamson County, Texas _____
Corporation/Partnership/Entity Name
have authorized _____ Adam Pfeiffer _____
Print Name of Agent/Engineer
of _____ American Structurepoint Inc. _____
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

Bill Gravell Jr.
Bill Gravell Jr. (Jul 15, 2023 13:28:13DT)
Applicant's Signature

Jul 20, 2023
Date

THE STATE OF Texas §

County of Williamson §

BEFORE ME, the undersigned authority, on this day personally appeared Bill Gravell Jr. 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 20th day of July, 2023.



Andrea L. Schiele
Andrea L. Schiele (Jul 21, 2023 16:04 CDT)
NOTARY PUBLIC
Andrea L. Schiele
Typed or Printed Name of Notary

MY COMMISSION EXPIRES: 02-23-2025

Application Fee Form

Texas Commission on Environmental Quality

Name of Proposed Regulated Entity: CR 258 Extension

Regulated Entity Location: Williamson County

Name of Customer: Williamson County

Contact Person: Adam Pfeiffer

Phone: 512-494-6037

Customer Reference Number (if issued): CN 600897888

Regulated Entity Reference Number (if issued): RN _____

Austin Regional Office (3373)

Hays

Williamson

Travis

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	Acres	\$
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	\$ 500

<i>Type of Plan</i>	<i>Size</i>	<i>Fee Due</i>
Extension of Time	Each	\$

Signature: Adam Pfeiffer

Digitally signed by Adam Pfeiffer
DN: C=US, E=apfeiffer@structurepoint.com,
O=American Structurepoint, OU=American
Structurepoint, CN=Adam Pfeiffer
Date: 2023.07.21 08:47:15-0500'

Date: 7/21/2023

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

<i>Project</i>	<i>Project Area in Acres</i>	<i>Fee</i>
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

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

Underground and Aboveground Storage Tank System Facility Plans and Modifications

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

Exception Requests

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

Extension of Time Requests

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



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

1. Reason for Submission (If other is checked please describe in space provided.)		
<input 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 checked="" type="checkbox"/> Other CZP Exception	
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN 6008978		RN

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (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>			
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)		<i>If new Customer, enter previous Customer below:</i>	
Williamson County			
7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
11. Type of Customer:		Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited	
<input type="checkbox"/> Corporation Government: <input type="checkbox"/> City <input type="checkbox"/> County <input 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:	
12. Number of Employees		13. Independently Owned and Operated?	
<input type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input checked="" type="checkbox"/> 501 and higher		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
14. Customer Role (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 checked="" type="checkbox"/> Owner & Operator <input type="checkbox"/> Other: <input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant			
15. Mailing Address:	710 S Main Street Suite 101		
	City	Georgetown	State TX
	ZIP	78626	ZIP + 4
16. Country Mailing Information (if outside USA)		17. E-Mail Address (if applicable)	
		ctyjudge@wilco.org	
18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)	

SECTION III: Regulated Entity Information

21. General Regulated Entity Information <i>(If "New Regulated Entity" is selected, a new permit application is also required.)</i>							
<input checked="" type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input 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>							
22. Regulated Entity Name <i>(Enter name of the site where the regulated action is taking place.)</i>							
CR 258 LHISD Turn lanes							
23. Street Address of the Regulated Entity: <i>(No PO Boxes)</i>							
		City		State		ZIP	
						ZIP + 4	
24. County							

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

25. Description to Physical Location:		CR 258 at LHISD entrance					
26. Nearest City				State		Nearest ZIP Code	
Liberty Hill				TX		78642	
<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>							
27. Latitude (N) In Decimal:		30.674183		28. Longitude (W) In Decimal:		-97.879372	
Degrees		Minutes		Seconds		Degrees	
Minutes		Seconds		Degrees		Minutes	
Seconds		Degrees		Minutes		Seconds	
30		40		27.06		-97	
52		45.74					
29. Primary SIC Code		30. Secondary SIC Code		31. Primary NAICS Code		32. Secondary NAICS Code	
(4 digits)		(4 digits)		(5 or 6 digits)		(5 or 6 digits)	
1611				237310			
33. What is the Primary Business of this entity? <i>(Do not repeat the SIC or NAICS description.)</i>							
Construct turn lanes for LHISD entrance							
34. Mailing Address:		710 S Main Street Suite 101					
		City		State		ZIP	
		Georgetown		TX		78626	
						ZIP + 4	
35. E-Mail Address:							
36. Telephone Number			37. Extension or Code			38. Fax Number <i>(if applicable)</i>	
(512) 943-1550						() -	

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 checked="" 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

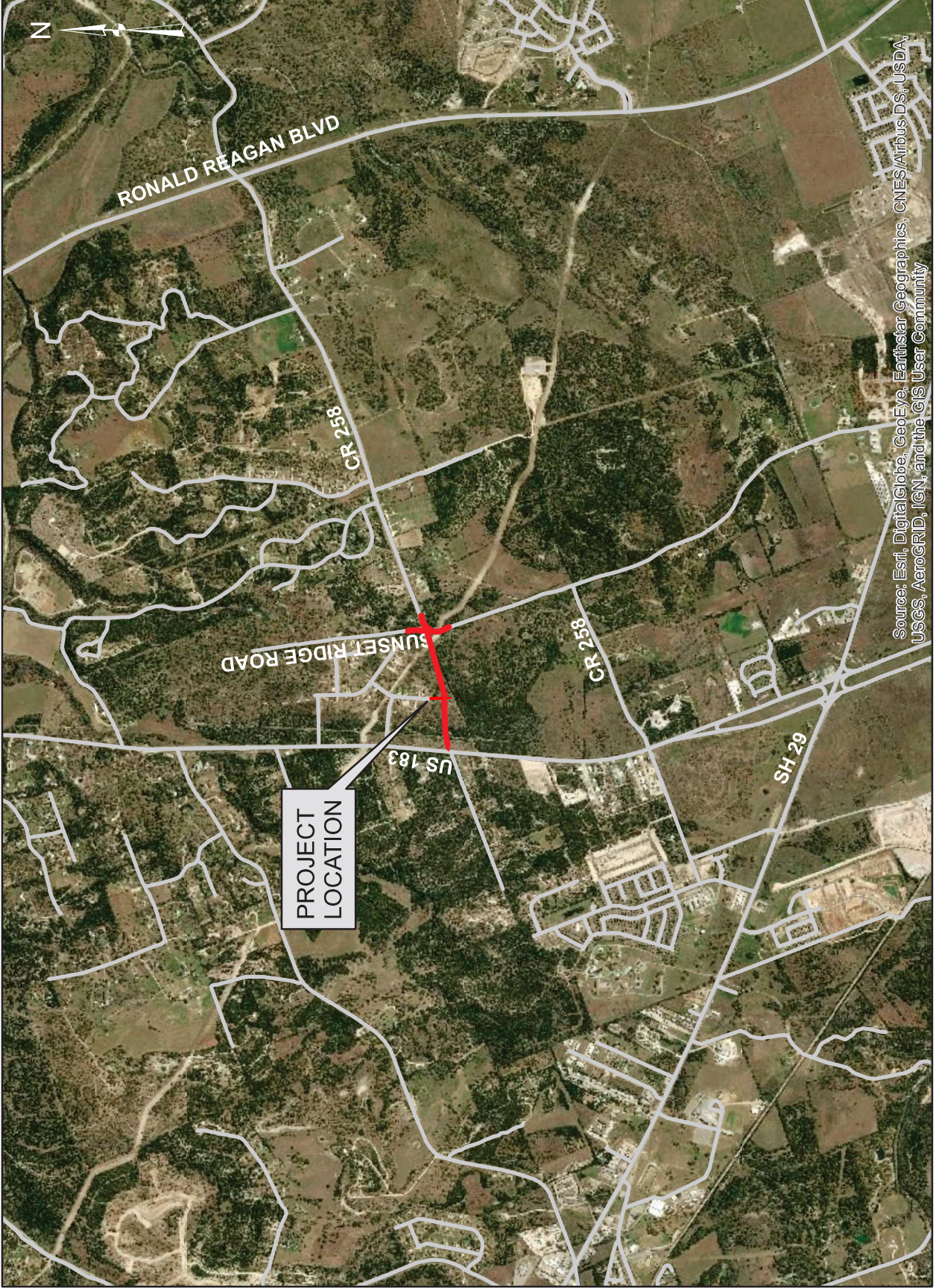
40. Name:	Adam Pfeiffer	41. Title:	Project Manager
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(512) 494-6037		() -	apfeiffer@structurepoint.com

SECTION V: Authorized Signature

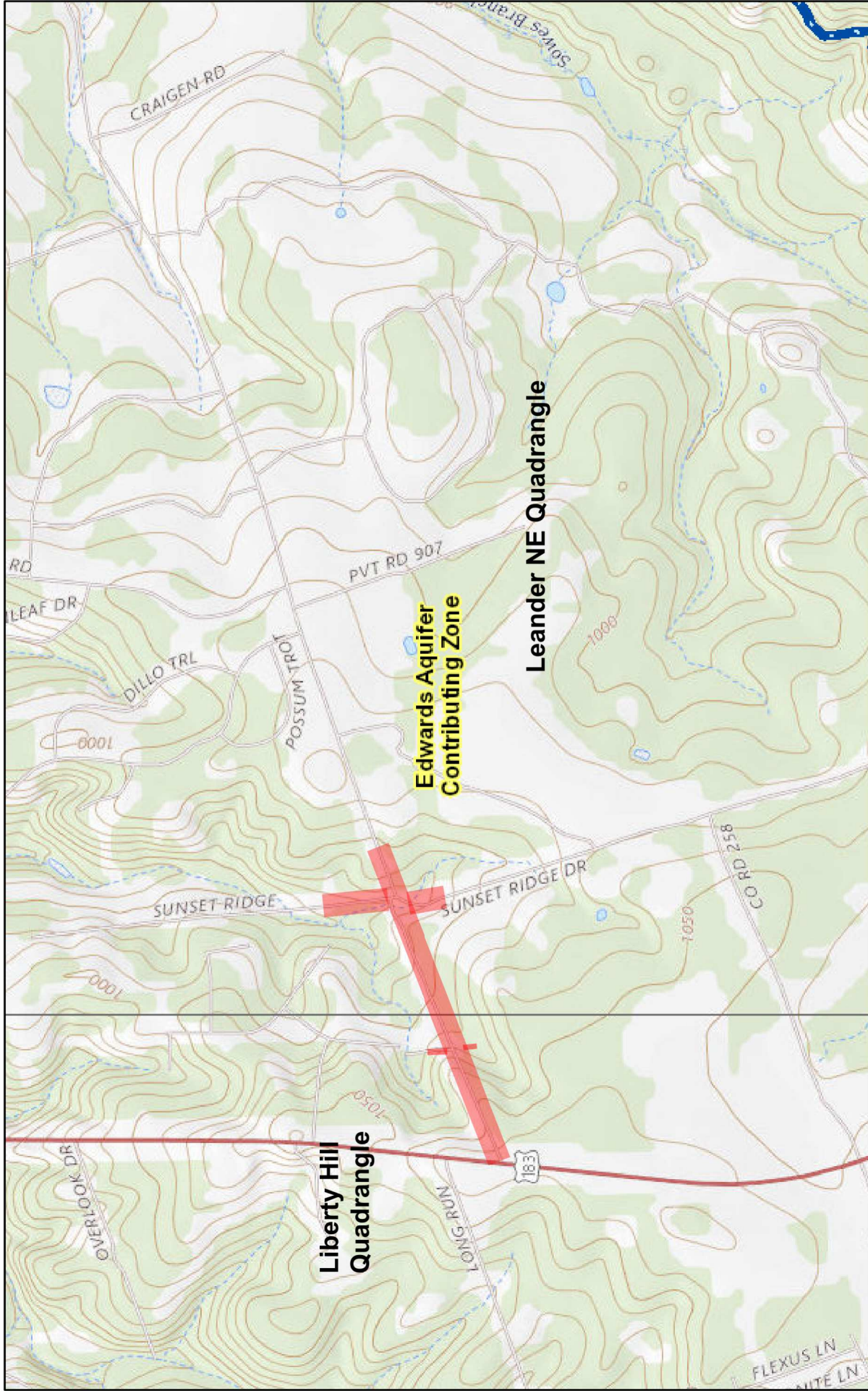
46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified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

Company:	American Structurepoint Inc	Job Title:	Project Manager
Name (In Print):	Adam Pfeiffer	Phone:	(512) 494- 6037
Signature:	 <small>Digitally signed by Adam Pfeiffer DN: c=US, E=apfeiffer@structurepoint.com, C=American Structurepoint, OU=American Structurepoint, CN=Adam Pfeiffer Date: 2023.07.21 08:48:34-05'00'</small>	Date:	7/21/2023

Contributing Zone Plan Application
TCEQ-20872
Attachment A - Road Map

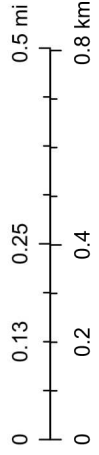


Attachment B: Edwards Aquifer Map



3/19/2020, 10:05:31 AM

1:18,056



- Edwards Aquifer Label
- Edwards Aquifer Boundary
- Edwards Aquifer Boundary central line
- TX Counties
- 7.5 Minute Quad Grid

Form 20872 – Contributing Zone Plan Exception Application
Attachment C - Project Description

Project Background

Williamson County is constructing turn lanes on CR 258 for the proposed LHISD property as seen in Attachment A. The project consists of two turn lanes, an eastbound right turn lane and westbound left turn lane. The proposed turn lanes are located in the Edwards Aquifer Contributing Zone, thus requiring an exception to the Texas Commission on Environmental Quality (TCEQ) provisions.

Site Description

The existing CR 258 consists of one 12 foot lane in each direction with 6 foot shoulders with existing right of way varying between 90 to 100 feet. Total project area is 1.99 acres and new impervious area is 0.59 acres. Total disturbed area is 1.99 acres. Generally, offsite water flows to the project from the southwest and northeast. Offsite water will be routed along the north side of the road, through proposed roadside ditches and proposed culverts.

Land Use and Site History

The changes from existing land use would be the proposed turn lanes added to the existing CR 258 road.

Offsite Upgradient Stormwater

Offsite upgradient stormwater will flow to the project from the south and conveyed through proposed ditches to the out fall at Dyeus Branch.

Permanent Best Management Practices (BMPs)

Regarding water quality treatment, the proposed build-out will consist of approximately 1800 LF of proposed roadway, of which fall within Edwards Aquifer Contributing Zone and will be treated for water quality. Proposed CR 258 storm water will be treated by vegetative filter strips prior to mixing with offsite water in roadside ditches or culverts.

Attachment D – Nature of Exception

Additional impervious pavement is to be added along CR 258 to allow for right and left turn lanes to be constructed, for access to a newly planned Liberty Hill Independent School District Driveway entrance. On-site stormwater will be treated per the TCEQ Technical Guidance on Best Management Practices Manual (RG-348). To meet the water quality requirements established in the RG-348, the proposed roadway project must have an 80% total suspended solids (TSS) removal from the site. Vegetative Filter Strips will be added and are the proposed Best Management Practice's (BMPs) for the project to meet the TSS removal requirements for the additional impervious cover. The onsite stormwater will be treated before mixing with offsite water. The previously proposed vegetative filter strips along the widening are to remain, however they will be responsible for treating larger impervious areas.

The new total area to be treated by the BMP's is 4.49 acres. See the Removal calculations spreadsheet and the Site plan for BMP design details.

CR 258

SUMMARY OF BMP TSS CALCULATIONS

BMP ID	Ac (Acres)	Ai (Acres)	Lr (lbs)
VFS-1	1.17	1.17	1101
VFS-2	0.23	0.23	215
VFS-3	0.61	0.61	574
VFS-4	0.43	0.43	405
VFS-5	0.38	0.38	358
VFS-6	0.04	0.04	38
GS-1	1.63	0.51	422

TOTAL	3113
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Desired Lm (lbs)	3020
Total Lr (lbs)	3113
F	0.97

Texas Commission on Environmental Quality

TSS Removal Calculations 04-20-2009

Project Name: CR 258 Extension
Date Prepared: 11/4/2022

Additional information is provided for cells with a red triangle in the upper right corner. Place the cursor over the cell. Text shown in blue indicate location of instructions in the Technical Guidance Manual - RG-348. Characters shown in red are data entry fields. Characters shown in black (Bold) are calculated fields. Changes to these fields will remove the equations used in the spreadsheet.

1. The Required Load Reduction for the total project: Calculations from RG-348 Pages 3-27 to 3-30

Page 3-29 Equation 3.3: $L_M = 27.2(A_N \times P)$

where:
 $L_{M,TOTAL PROJECT}$ = Required TSS removal resulting from the proposed development = 80% of increased load
 A_N = Net increase in impervious area for the project
 P = Average annual precipitation, inches

Site Data: Determine Required Load Removal Based on the Entire Project
County = **Williamson**
Total project area included in plan = **16.18** acres
Predevelopment impervious area within the limits of the plan = **1.18** acres
Total post-development impervious area within the limits of the plan = **4.65** acres
Total post-development impervious cover fraction = **0.29**
 $P =$ inches
 $L_{M,TOTAL PROJECT} =$ lbs.
New calculations with LHISD turn lane

* The values entered in these fields should be for the total project area.

Number of drainage basins / outfalls areas leaving the plan area = **1**

2. Drainage Basin Parameters (This information should be provided for each basin):

Drainage Basin/Outfall Area No. = **1**
Total drainage basin/outfall area = **16.18** acres
Predevelopment impervious area within drainage basin/outfall area = **1.18** acres
Post-development impervious area within drainage basin/outfall area = **4.65** acres
Post-development impervious fraction within drainage basin/outfall area = **0.29**
 $L_{M,THIS BASIN} =$ lbs.

Texas Commission on Environmental Quality

TSS Removal Calculations 04-20-2009

Project Name: **CR 258 Extension**
 Date Prepared: **6/17/2022**

3. Indicate the proposed BMP Code for this basin.

Proposed BMP = **Vegetated Filter Strips**
 Removal efficiency = **85** percent

- Aqualogic Cartridge Filter
- Bioretention
- Contech Storm Filter
- Constructed Wetland
- Extended Detention
- Grassy Swale
- Retention / Irrigation
- Sand Filter
- Stormceptor
- Vegetated Filter Strips
- Vortechs
- Wet Basin
- Wet Vault

4. Calculate Maximum TSS Load Removed (L_R) for this Drainage Basin by the selected BMP Type.

RC-348 Page 3-33 Equation 3.7: $L_R = (\text{BMP efficiency}) \times P \times (A_i \times 34.6 + A_p \times 0.54)$

where:

- A_C = Total On-Site drainage area in the BMP catchment area
- A_I = Impervious area proposed in the BMP catchment area
- A_P = Pervious area remaining in the BMP catchment area
- L_R = TSS Load removed from this catchment area by the proposed BMP

A_C = **1.17** acres
 A_I = **1.17** acres
 A_P = **0.00** acres
 L_R = **1101** lbs

0.97
 0.97

5. Calculate Fraction of Annual Runoff to Treat the drainage basin / outfall area

Desired L_{M THIS BASIN} = **1101** lbs.

F = **1.00**

Texas Commission on Environmental Quality

TSS Removal Calculations 04-20-2009

Project Name: **CR 258 Extension**
 Date Prepared: **6/17/2022**

3. Indicate the proposed BMP Code for this basin.

Proposed BMP = **Vegetated Filter Strips**
 Removal efficiency = **85** percent

- Aqualogic Cartridge Filter
- Bioretention
- Contech Storm Filter
- Constructed Wetland
- Extended Detention
- Grassy Swale
- Retention / Irrigation
- Sand Filter
- Stormceptor
- Vegetated Filter Strips
- Vortechs
- Wet Basin
- Wet Vault

4. Calculate Maximum TSS Load Removed (L_R) for this Drainage Basin by the selected BMP Type.

RC-348 Page 3-33 Equation 3.7: $L_R = (\text{BMP efficiency}) \times P \times (A_i \times 34.6 + A_p \times 0.54)$

where:

- A_C = Total On-Site drainage area in the BMP catchment area
- A_I = Impervious area proposed in the BMP catchment area
- A_P = Pervious area remaining in the BMP catchment area
- L_R = TSS Load removed from this catchment area by the proposed BMP

A_C = **0.23** acres
 A_I = **0.23** acres
 A_P = **0.00** acres
 L_R = **215** lbs

5. Calculate Fraction of Annual Runoff to Treat the drainage basin / outfall area

Desired L_{M THIS BASIN} = **215** lbs.

F = **1.00**

Texas Commission on Environmental Quality

TSS Removal Calculations 04-20-2009

Project Name: **CR 258 Extension**
 Date Prepared: **6/17/2022**

3. Indicate the proposed BMP Code for this basin.

Proposed BMP = **Vegetated Filter Strips**
 Removal efficiency = **85** percent

- Aqualogic Cartridge Filter
- Bioretention
- Contech Storm Filter
- Constructed Wetland
- Extended Detention
- Grassy Swale
- Retention / Irrigation
- Sand Filter
- Stormceptor
- Vegetated Filter Strips
- Vortechs
- Wet Basin
- Wet Vault

4. Calculate Maximum TSS Load Removed (L_R) for this Drainage Basin by the selected BMP Type.

RC-348 Page 3-33 Equation 3.7: $L_R = (\text{BMP efficiency}) \times P \times (A_i \times 34.6 + A_p \times 0.54)$

where:

- A_C = Total On-Site drainage area in the BMP catchment area
- A_I = Impervious area proposed in the BMP catchment area
- A_P = Pervious area remaining in the BMP catchment area
- L_R = TSS Load removed from this catchment area by the proposed BMP

A_C = **0.61** acres
 A_I = **0.61** acres
 A_P = **0.00** acres
 L_R = **574** lbs

5. Calculate Fraction of Annual Runoff to Treat the drainage basin / outfall area

Desired L_{M THIS BASIN} = **574** lbs.

F = **1.00**

Texas Commission on Environmental Quality

TSS Removal Calculations 04-20-2009

Project Name: **CR 258 Extension**
 Date Prepared: **6/17/2022**

3. Indicate the proposed BMP Code for this basin.

Proposed BMP = **Vegetated Filter Strips**
 Removal efficiency = **85** percent

- Aqualogic Cartridge Filter
- Bioretention
- Contech Storm Filter
- Constructed Wetland
- Extended Detention
- Grassy Swale
- Retention / Irrigation
- Sand Filter
- Stormceptor
- Vegetated Filter Strips
- Vortechs
- Wet Basin
- Wet Vault

4. Calculate Maximum TSS Load Removed (L_R) for this Drainage Basin by the selected BMP Type.

RC-348 Page 3-33 Equation 3.7: $L_R = (\text{BMP efficiency}) \times P \times (A_i \times 34.6 + A_p \times 0.54)$

where:

- A_C = Total On-Site drainage area in the BMP catchment area
- A_i = Impervious area proposed in the BMP catchment area
- A_p = Pervious area remaining in the BMP catchment area
- L_R = TSS Load removed from this catchment area by the proposed BMP

A_C = **0.43** acres
 A_i = **0.43** acres
 A_p = **0.00** acres
 L_R = **405** lbs

5. Calculate Fraction of Annual Runoff to Treat the drainage basin / outfall area

Desired L_M THIS BASIN = **405** lbs.

F = **1.00**

Texas Commission on Environmental Quality

TSS Removal Calculations 04-20-2009

Project Name: **CR 258 Extension**
 Date Prepared: **6/17/2022**

3. Indicate the proposed BMP Code for this basin.

Proposed BMP = **Vegetated Filter Strips**
 Removal efficiency = **85** percent

- Aqualogic Cartridge Filter
- Bioretention
- Contech Storm Filter
- Constructed Wetland
- Extended Detention
- Grassy Swale
- Retention / Irrigation
- Sand Filter
- Stormceptor
- Vegetated Filter Strips
- Vortechs
- Wet Basin
- Wet Vault

4. Calculate Maximum TSS Load Removed (L_R) for this Drainage Basin by the selected BMP Type.

RC-348 Page 3-33 Equation 3.7: $L_R = (\text{BMP efficiency}) \times P \times (A_I \times 34.6 + A_P \times 0.54)$

where:

- A_C = Total On-Site drainage area in the BMP catchment area
- A_I = Impervious area proposed in the BMP catchment area
- A_P = Pervious area remaining in the BMP catchment area
- L_R = TSS Load removed from this catchment area by the proposed BMP

A_C = **0.38** acres
 A_I = **0.38** acres
 A_P = **0.00** acres
 L_R = **358** lbs

5. Calculate Fraction of Annual Runoff to Treat the drainage basin / outfall area

Desired L_M THIS BASIN = **358** lbs.

F = **1.00**

Texas Commission on Environmental Quality

TSS Removal Calculations 04-20-2009

Project Name: **CR 258 Extension**
 Date Prepared: **6/17/2022**

3. Indicate the proposed BMP Code for this basin.

Proposed BMP = **Vegetated Filter Strips**
 Removal efficiency = **85** percent

- Aqualogic Cartridge Filter
- Bioretention
- Contech Storm Filter
- Constructed Wetland
- Extended Detention
- Grassy Swale
- Retention / Irrigation
- Sand Filter
- Stormceptor
- Vegetated Filter Strips
- Vortechs
- Wet Basin
- Wet Vault

4. Calculate Maximum TSS Load Removed (L_R) for this Drainage Basin by the selected BMP Type.

RC-348 Page 3-33 Equation 3.7: $L_R = (\text{BMP efficiency}) \times P \times (A_I \times 34.6 + A_P \times 0.54)$

where:

- A_C = Total On-Site drainage area in the BMP catchment area
- A_I = Impervious area proposed in the BMP catchment area
- A_P = Pervious area remaining in the BMP catchment area
- L_R = TSS Load removed from this catchment area by the proposed BMP

A_C = **0.04** acres
 A_I = **0.04** acres
 A_P = **0.00** acres
 L_R = **38** lbs

5. Calculate Fraction of Annual Runoff to Treat the drainage basin / outfall area

Desired L_M THIS BASIN = **38** lbs.

F = **1.01**

Texas Commission on Environmental Quality

TSS Removal Calculations 04-20-2009

Project Name: **CR 258 Extension**
 Date Prepared: **8/10/2022**

3. Indicate the proposed BMP Code for this basin.

Proposed BMP = **Grassy Swale**
 Removal efficiency = **70** percent

- Aqualogic Cartridge Filter
- Bioretention
- Contech StormFilter
- Constructed Wetland
- Extended Detention
- Grassy Swale
- Retention / Irrigation
- Sand Filter
- Stormceptor
- Vegetated Filter Strips
- Vortechs
- Wet Basin
- Wet Vault

4. Calculate Maximum TSS Load Removed (L_R) for this Drainage Basin by the selected BMP Type.

RG-348 Page 3-33 Equation 3.7: $L_R = (\text{BMP efficiency}) \times P \times (A_i \times 34.6 + A_p \times 0.54)$

where:

- A_C = Total On-Site drainage area in the BMP catchment area
- A_I = Impervious area proposed in the BMP catchment area
- A_P = Pervious area remaining in the BMP catchment area
- L_R = TSS Load removed from this catchment area by the proposed BMP

A_C = **1.63** acres
 A_I = **0.51** acres
 A_P = **1.12** acres
 L_R = **422** lbs

5. Calculate Fraction of Annual Runoff to Treat the drainage basin / outfall area

$$\text{Desired } L_{M \text{ THIS BASIN}} = \mathbf{422} \text{ lbs.}$$

$$F = \mathbf{1.00}$$

6. Calculate Capture Volume required by the BMP Type for this drainage basin /outfall area. [Calculations from RG-348](#) [Pages 3-34 to 3-36](#)

$$\begin{aligned} \text{Rainfall Depth} &= \mathbf{4.00} \text{ inches} \\ \text{Post Development Runoff Coefficient} &= \mathbf{0.26} \\ \text{On-site Water Quality Volume} &= \mathbf{6264} \text{ cubic feet} \end{aligned}$$

[Calculations from RG-348](#) [Pages 3-36 to 3-37](#)

$$\begin{aligned} \text{Off-site area draining to BMP} &= \text{acres} \\ \text{Off-site Impervious cover draining to BMP} &= \mathbf{0.00} \text{ acres} \\ \text{Impervious fraction of off-site area} &= \mathbf{0} \\ \text{Off-site Runoff Coefficient} &= \mathbf{0.00} \\ \text{Off-site Water Quality Volume} &= \mathbf{0} \text{ cubic feet} \end{aligned}$$

$$\begin{aligned} \text{Storage for Sediment} &= \mathbf{1253} \\ \text{Total Capture Volume (required water quality volume(s) x 1.20)} &= \mathbf{7517} \text{ cubic feet} \end{aligned}$$

The following sections are used to calculate the required water quality volume(s) for the selected BMP.
The values for BMP Types not selected in cell C45 will show NA.

15. Grassy Swales

[Designed as Required in RG-348](#) [Pages 3-51 to 3-54](#)

Design parameters for the swale:

$$\begin{aligned} \text{Drainage Area to be Treated by the Swale} &= \mathbf{A} = \mathbf{1.63} \text{ acres} \\ \text{Impervious Cover in Drainage Area} &= \mathbf{0.51} \text{ acres} \\ \text{Rainfall intensity} &= \mathbf{i} = \mathbf{1.1} \text{ in/hr} \\ \text{Swale Slope} &= \mathbf{0.011} \text{ ft/ft} \\ \text{Side Slope (z)} &= \mathbf{3} \\ \text{Design Water Depth} &= \mathbf{y} = \mathbf{0.33} \text{ ft} \\ \text{Weighted Runoff Coefficient} &= \mathbf{C} = \mathbf{0.46} \end{aligned}$$

$$\begin{aligned} A_{CS} &= \text{cross-sectional area of flow in Swale} = \mathbf{2.21} \text{ sf} \\ P_w &= \text{Wetted Perimeter} = \mathbf{7.78} \text{ feet} \\ R_H &= \text{hydraulic radius of flow cross-section} = A_{CS}/P_w = \mathbf{0.28} \text{ feet} \\ n &= \text{Manning's roughness coefficient} = \mathbf{0.3} \end{aligned}$$

15A. Using the Method Described in the RG-348

Manning's Equation: $Q = \frac{1.49}{n} A_{CS} R_H^{2/3} S^{0.5}$

$b = \frac{0.134 \times Q}{V^{67} S^{0.5}} - zy = 5.70 \text{ feet}$

Q = CIA = 0.82 cfs

To calculate the flow velocity in the swale:

$V \text{ (Velocity of Flow in the swale)} = Q/A_{CS} = 0.37 \text{ ft/sec}$

To calculate the resulting swale length:

$L = \text{Minimum Swale Length} = V \text{ (ft/sec)} * 300 \text{ (sec)} = 111.72 \text{ feet}$

If any of the resulting values do not meet the design requirement set forth in RG-348, the design parameters must be modified and the solver rerun.

15B. Alternative Method using Excel Solver

Design Q = CIA =	0.82 cfs	
Manning's Equation Q =	0.78 cfs	Error 1 = 0.04
Swale Width=	6.00 ft	

Instructions are provided to the right (green comments).

Flow Velocity	0.37 ft/s
Minimum Length =	111.72 ft

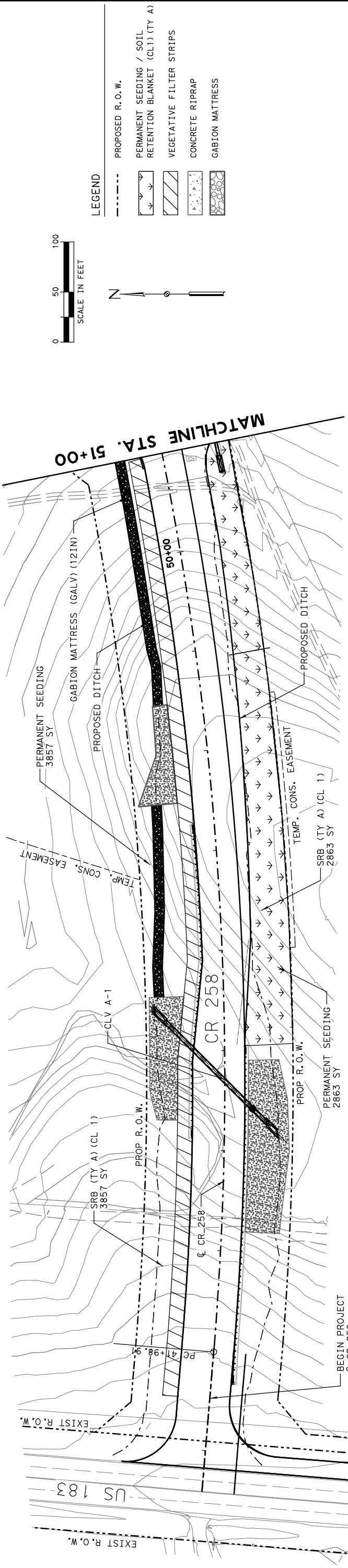
Instructions are provided to the right (blue comments).

Design Width =	6 ft
----------------	------

BMP-GS

Design Discharge =	0.79 cfs	Error 2 =	0.03
Design Depth =	0.33 ft		
Flow Velocity =	0.34 cfs		
Minimum Length =	102.23 ft		

If any of the resulting values do not meet the design requirement set forth in RG-348, the design parameters may be modified and the solver rerun.
If any of the resulting values still do not meet the design requirement set forth in RG-348, widening the swale bottom value may not be possible.



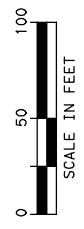
SUMMARY OF BMP TSS CALCULATIONS

BMP ID	Ac (Acres)	Lr (lbs)
VFS-1	1.17	1101
VFS-2	0.23	215
VFS-3	0.61	574
VFS-4	0.43	405
VFS-5	0.38	358
VFS-6	0.04	38
GS-1	1.63	422

Desired Lim (lbs)	3020
Total Lr (lbs)	3113
F	0.97

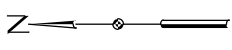
TOTAL 3113

* NOTE: UPDATED FROM CZP APPLICATION ID No. 11003241; RN103171278



LEGEND

- PROPOSED R. O. W.
- ▾ PERMANENT SEEDING / SOIL RETENTION BLANKET (CL1) (TY A)
- ▨ VEGETATIVE FILTER STRIPS
- ▩ CONCRETE RIPRAP
- ▧ GABION MATTRESS



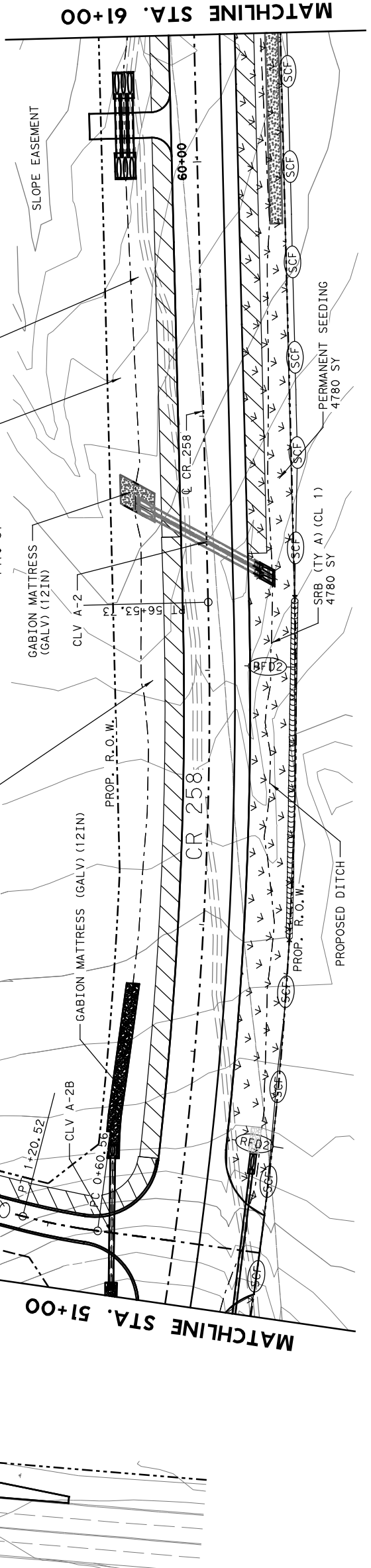
7/21/2023

AMERICAN STRUCTUREPOINT INC.
 TYPE: RM NO. F-10069
 BUILDING CODE: STATE 350
 EXPIRES: 12/31/2026
 TEL: 512.494.6037 FAX: 317.343.0226
 www.structurepoint.com

WILLIAMSON COUNTY
 1848

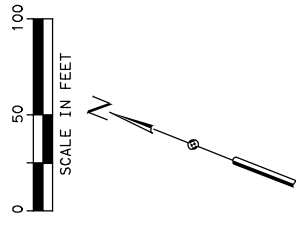
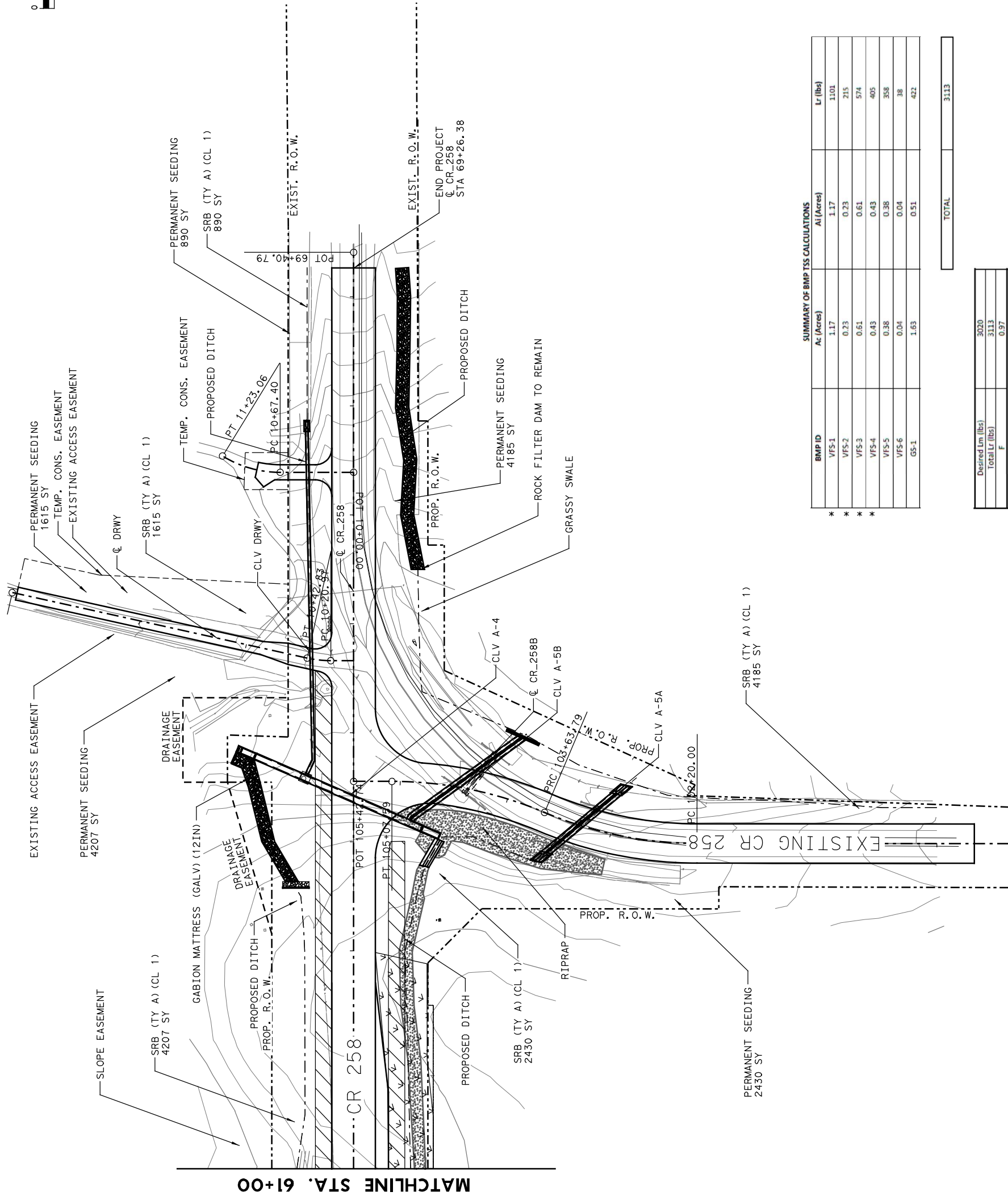
CR 258 EXTENSION
 CHANGE ORDER #1

SITE PLAN



DESIGN	GRAPHICS	CHECK	CHECK	SHEET NO.
TZ	VBD	AMP	AMP	
	STATE	COUNTY	PRECINCT	
	TX	WILCO	PCT 2	

\$SNX\$



LEGEND

---	PROPOSED R. O. W.
[Symbol]	PERMANENT SEEDING / SOIL RETENTION BLANKET (CL1) (TY A)
[Symbol]	VEGETATIVE FILTER STRIPS
[Symbol]	CONCRETE RIPRAP
[Symbol]	GABION MATTRESS
[Symbol]	GRASSY SWALE



REV	DATE	DESCRIPTION	APPROVED

AMERICAN **STRUCTUREPOINT** INC.
 9110 BRW NO. F-10069
 3000 WEST LOOP SOUTH, SUITE 350
 HOUSTON, TEXAS 77056
 TEL. 512.494.0337 FAX 512.443.0226
 www.structurepoint.com



CR 258 EXTENSION
 CHANGE ORDER #1

SITE PLAN

SUMMARY OF BMP TSS CALCULATIONS

BMP ID	Ac (Acres)	AI (Acres)	Lr (lbs)
* VFS-1	1.17	1.17	1101
* VFS-2	0.23	0.23	215
* VFS-3	0.61	0.61	574
* VFS-4	0.43	0.43	405
VFS-5	0.38	0.38	358
VFS-6	0.04	0.04	38
GS-1	1.63	0.51	422

TOTAL	3113
--------------	-------------

Desired Lr (lbs)	3020
Total Lr (lbs)	3113
F	0.97

* NOTE: UPDATED FROM CZP APPLICATION ID No. 11003241; RN103171278

DESIGN	GRAPHICS	CHECK	CHECK	SHEET NO.
TZ	VBD	AMP	AMP	\$SNX\$
	STATE	COUNTY	PRECINCT	
	TX	WILCO	PCT 2	

A. GENERAL SITE DATA

1. PROJECT LIMITS: US 163 TO EXISTING CR 258
 Begin Project Coordinates : Latitude (N) : 30.674183 Longitude (W) : -97.879372

2. PROJECT SITE MAPS:

- * Project Location Map: The Title Sheet
- * Drainage Patterns: Drainage Area Maps (see Drainage Area Maps)
- * Slopes Anticipated After Major Graddings or Areas of Soil Disturbance: Typical Sections, Cross Sections (See Cross Section Sheets)
- * Location of Erosion and Sediment Controls: Erosion Control Plan (see Erosion Control Sheets)
- * Surface Waters and Discharge Locations: Culvert Plan and Profiles (See Culvert Plan and Profiles)
- * Project Specific Location(s) (PSL): To be determined by the project construction personnel. Location(s) shown on SW3P Site Map (if PSL location(s) is within one mile of project) and information located in project SW3P Binder (Reference item *10 below).

3. PROJECT DESCRIPTION:
 For the Construction of turn lanes on CR 258 into the LHSD property, Consisting of Grading, Drainage Structures, and Striping.

4. MAJOR SOIL DISTURBING ACTIVITIES:
 Soil Disturbing Activities Will include Preparing Right of Way, Grading, Road Base, Excavation and Embankment, and Parallel Cross Culvert.

5. EXISTING CONDITION OF SOIL & VEGETATIVE COVER AND % OF EXISTING VEGETATIVE COVER:
 Soil is Classified as Eckrant Cobby Clay, 1 to 8 Percent Sipes, Brackett Gravelly Clay Loam, 3 to 12 Percent Slopes, and Doss Silt Clay, 1 to 5 Percent Slopes.

6. TOTAL PROJECT AREA: 1.99 Acres

7. TOTAL AREA TO BE DISTURBED: 1.99 Acres (100%)

8. WEIGHTED RUNOFF COEFFICIENT
 BEFORE CONSTRUCTION: 0.4
 AFTER CONSTRUCTION: 0.7

9. NAME OF RECEIVING WATERS:
 The Project Naturally Drains From the Southwest to Northeast to Dyeus Branch, which ultimately discharges into the North Fork of the San Gabriel River.

10. PROJECT SW3P Binder:
 North Fork San Gabriel River Segment ID 1251

A. For projects disturbing one to five acres, The Contractor will maintain a SW3P Binder at the project field office (if there is not a project field office, should be kept on the Job Site at all times) which contains the Following: Index Sheet, TCEQ Signature Authority, TCEQ Small Construction Site Notice, Contractor Certification of Compliance, SW3P Inspector Qualification Statements, Inspection and Maintenance Reports (Form 2118), SW3P Sheet, Site Location Maps, Stored Material Lists specifying associated control measures and the Appendix which contains the TPDES Construction General Permit, MSA Operator Notification(s) and the Construction PSL Permits per all applicable requirements.

B. For projects disturbing 5 acres or more, the Contractor will follow the actions listed in (10.A.) above with the addition of the following: Notice Of Intent (N.O.I.) and Fee Payment Form, TCEQ Large Construction Site Notice (to be used instead of Small Site Notice), and TPDES Permit coverage Notice.

C. For projects disturbing less than one acre, actions described in (10.A.) and (10.B.) above are not required. Acreage is calculated by adding Total Area To Be Disturbed Acres on project (See *7 above) and the PSL(s) acreage located within one mile of project.

B. EROSION AND SEDIMENT CONTROLS

1. SOIL STABILIZATION PRACTICES: (Select T = Temporary or P = Permanent, as applicable)
 T TEMPORARY SEEDING PRESERVATION OF NATURAL RESOURCES
 T MULCHING (Hay or Straw) FLEXIBLE CHANNEL LINER
 P BUFFER ZONES RIGID CHANNEL LINER
 P PLANTING SOIL RETENTION BLANKET
 P SEEDING COMPOST MANUFACTURED TOPSOIL
 SODDING VERTICAL TRACKING
 OTHER: Disturbed areas on which construction activity has ceased, either temporarily or permanently, shall be stabilized within 14 days unless activities are scheduled to resume and do so within 21 days.
2. STRUCTURAL PRACTICES:
 (T = Temporary or P = Permanent)
 T SILT FENCES
 T EROSION CONTROL LOGS
 T EROSION CONTROL COMPOST BERMS (Low Velocity)
 T ROCK FILTER DAMS
 DIVERSION, INTERCEPTOR, OR PERIMETER DIKES
 DIVERSION, INTERCEPTOR, OR PERIMETER SWALES
 DIVERSION DIKE AND SWALE COMBINATIONS
 PIPE SLOPE DRAINS
 P PAVED FLUMES
 ROCK BEDDING AT CONSTRUCTION EXIT
 TIMBER MATTING AT CONSTRUCTION EXIT
 CHANNEL LINERS
 SEDIMENT TRAPS
 SEDIMENT BASINS
 STORM INLET SEDIMENT TRAP
 STONE OUTLET STRUCTURES
 CURBS AND GUTTERS
 STORM SEWERS
 P VELOCITY CONTROL DEVICES
 OTHER: (Specify Practice)

NOTE: TOP OF BMP'S SHOULD NOT BE HIGHER THAN ROADWAY ELEVATION AS NOT TO FLOOD ROADWAY UNLESS PRIOR APPROVAL FROM ENGINEER IS OBTAINED.

3. STORM WATER MANAGEMENT:
 Existing Flow Patterns along Existing Ditches will be Maintained to the Greatest Extent Possible.

4. STORM WATER MANAGEMENT ACTIVITIES:
 Install Temporary Erosion Control Devices; Silt Fence, Soil Retention Blankets, Rock Filter Dams and Erosion Control Logs as shown on the Temporary Erosion Control Plans. Maintain SWPPP Control Measures throughout construction. Construct all TCP Phases I thru 3. Construct Permanent Erosion Control; Concrete RipRap, Gablon mattresses, dissipators, and stone rip rap. Remove all Temporary Erosion Control Devices upon Completion of all Construction.

5. NON-STORM WATER DISCHARGES:
 Filter non-storm water discharges, or hold in retention basins, before being allowed to mix with storm water. These discharges consist of, but not limited to, non-polluted ground water, spring water, foundation or footing drain water, water used for dust control or pavement washing and vehicle washwater containing no detergents.

C. OTHER REQUIREMENTS & PRACTICES

1. MAINTENANCE:
 Maintain all erosion and sediment controls in good working order. Perform any necessary cleaning/repairs/replacements at the earliest possible date prior to next rain event, but no later than 7 calendar days. Ensure the surrounding ground has dried sufficiently to prevent damage from equipment. *Too Wet Is the only reason for not adhering to time frames described. When construction activities permanently or temporarily cease and are not expected to resume for 14 or more days on a disturbed portion of the site, stabilization measures must be initiated immediately.
2. INSPECTION:
 A Construction Observer will perform a regularly scheduled SW3P Inspection every 7 calendar days. An Inspection and Maintenance Report, signed by the Construction Observer and the Contractor, will be filed for each inspection. Revise/clean/repair/replace each BMP control device in accordance with the current Field Inspection and Maintenance Report (Form 2118) and Item 1 (Maintenance) above.
3. WASTE MATERIALS:
 On a daily basis, or as may be directed, collect all waste materials, trash and debris from the construction site and deposit into a metal dumpster having a secure cover and which meets all state and local city solid waste management requirements. Empty the dumpster as required by regulation, or as may be directed, at a local approved landfill site. Do not bury construction waste on the construction project site.
4. HAZARDOUS WASTE & SPILL REPORTING:
 As a minimum, any products in the following categories are considered to be hazardous: Paints, Acids, Solvents, Fuels, Asphalt Products, Chemical Additives For Soil Stabilization, and Concrete Curing Compounds or Additives. When storing hazardous material on the project site, or at a Project Specific Location, take all practicable precaution to prevent and/or contain any spillage of these materials. In the event of a spill, contact the spill coordinator immediately.
5. SANITARY WASTE:
 Use a licensed sanitary waste management contractor to collect all sanitary waste from portable units as may be required by local regulation, or as directed.
6. CONSTRUCTION VEHICLE TRACKING:
 On a regular basis, or as may be directed, dampen haul roads for dust control and stabilize construction entrances/exits. Provide for a motorized broom or vacuum type sweeper to be available on a daily basis, or as may be directed, to remove sediment from paved roadways abutting or traversing the project site.
7. MANAGEMENT PRACTICES:
 A. Construct disposal areas, stockpiles, haul roads and PSL's in a manner that will minimize and control the amount of sediment that may enter receiving waters. Do not locate disposal areas in any wetland, waterbody or streambed.
 B. Locate construction staging areas, vehicle maintenance and PSL's areas in a manner to minimize the runoff of pollutants.
 C. When working in or near a wetland, install and maintain operating silt erosion and sediment controls at all times during construction and isolate the work from the wetland.
 D. Clear all waterways as soon as practicable of temporary embankment, temporary bridges, matting, falsework, piling, debris or other obstructions placed during construction operations that are not a part of the finished work.
 E. Procedures and/or practices should be taken to control dust.
 F. Sediment to be removed from roadways daily or when work begins after weather events if construction activities have ceased due to weather event.
 G. The Contractor will be required to contain wash water from concrete trucks in a manner that will prevent same from entering any waterway.
 H. The Contractor is responsible for insuring that all Subcontractors are aware and comply with all components of the Temporary Erosion Control Plans.

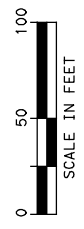
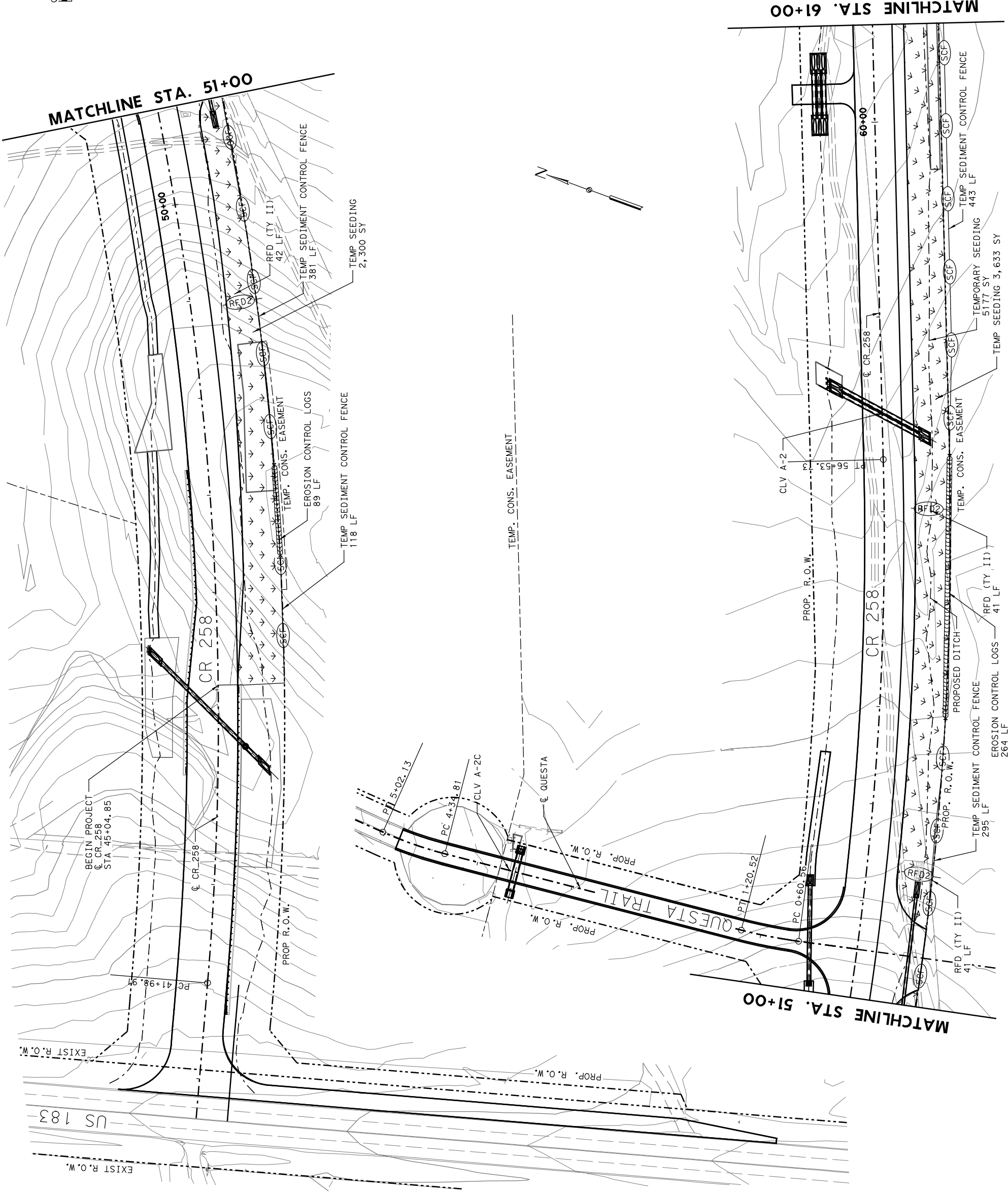


7/21/2023
 Signature of Registrant & Date
 P. E.

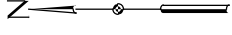
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AMP	6	STATE	DISTRICT	COUNTY	CR 258
AMP	TEXAS	CONTROL	AUS	SECTION	SHEET NO.
CHECK	WILLIAMSON	AMP		JOB	
CHECK		AMP			\$ SNIX\$

STORM WATER POLLUTION PREVENTION PLAN (SW3P)

WILLIAMSON COUNTY
 TEMPLATE REVISION DATE: 06/12/2015



SCALE IN FEET



LEGEND

- PROPOSED R. O. W.
- SCF --- TEMP. SEDIMENT CONTROL FENCE
- RFD --- TEMP. EROSION CONTROL LOGS
- RFD2 --- ROCK FILTER DAMS (TY II)
- --- TEMPORARY SEEDING
- --- CONCRETE RIPRAP



7/21/2023

REV	DATE	DESCRIPTION	APPROVED

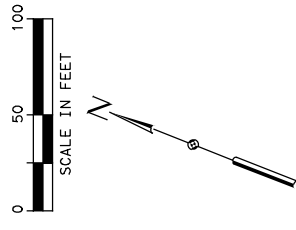
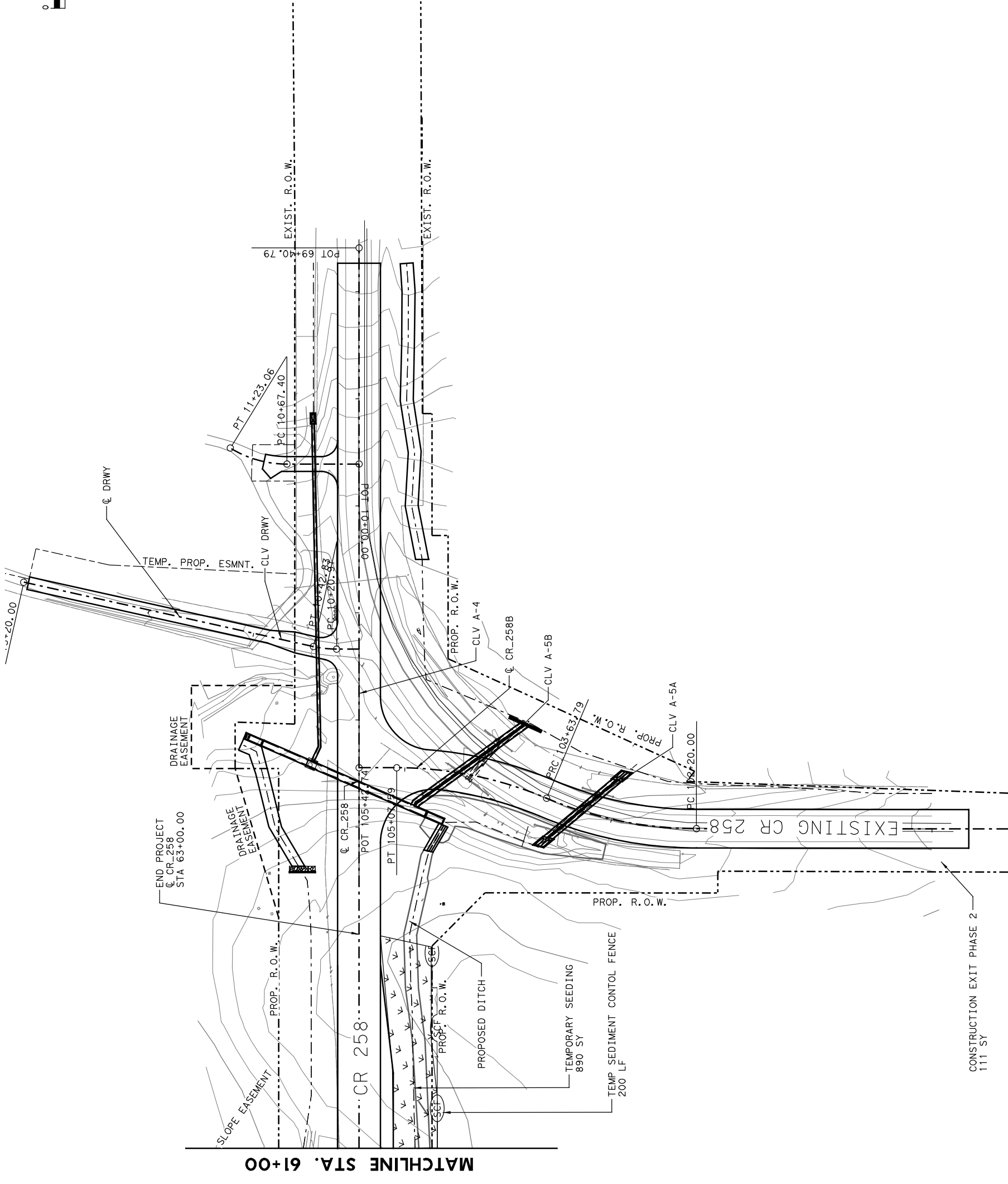


CR 258 EXTENSION

**TEMPORARY EROSION CONTROL
BEGIN PROJECT TO STA 61+00**

DESIGN	GRAPHICS	CHECK	CHECK	\$SNI#	OF#	\$
TZ	RAC	FG	RJZ			
	STATE	COUNTY	PRECINCT			
	TX	WILCO	PCT 2			

\$SNX\$



LEGEND

---	PROPOSED R. O. W.
(SCF)	TEMP. SEDIMENT CONTROL FENCE
	TEMP. EROSION CONTROL LOGS
(RFD2)	ROCK FILTER DAMS (TY II)
▽	TEMPORARY SEEDING
▬	CONCRETE RIPRAP

MATCHLINE STA. 61+00

CONSTRUCTION EXIT PHASE 2
111 SY

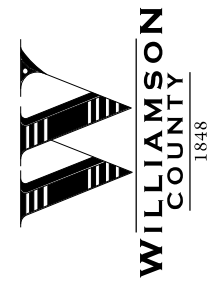


7/21/2023

REV	DATE	DESCRIPTION	APPROVED

AMERICAN
STRUCTUREPOINT
INC.

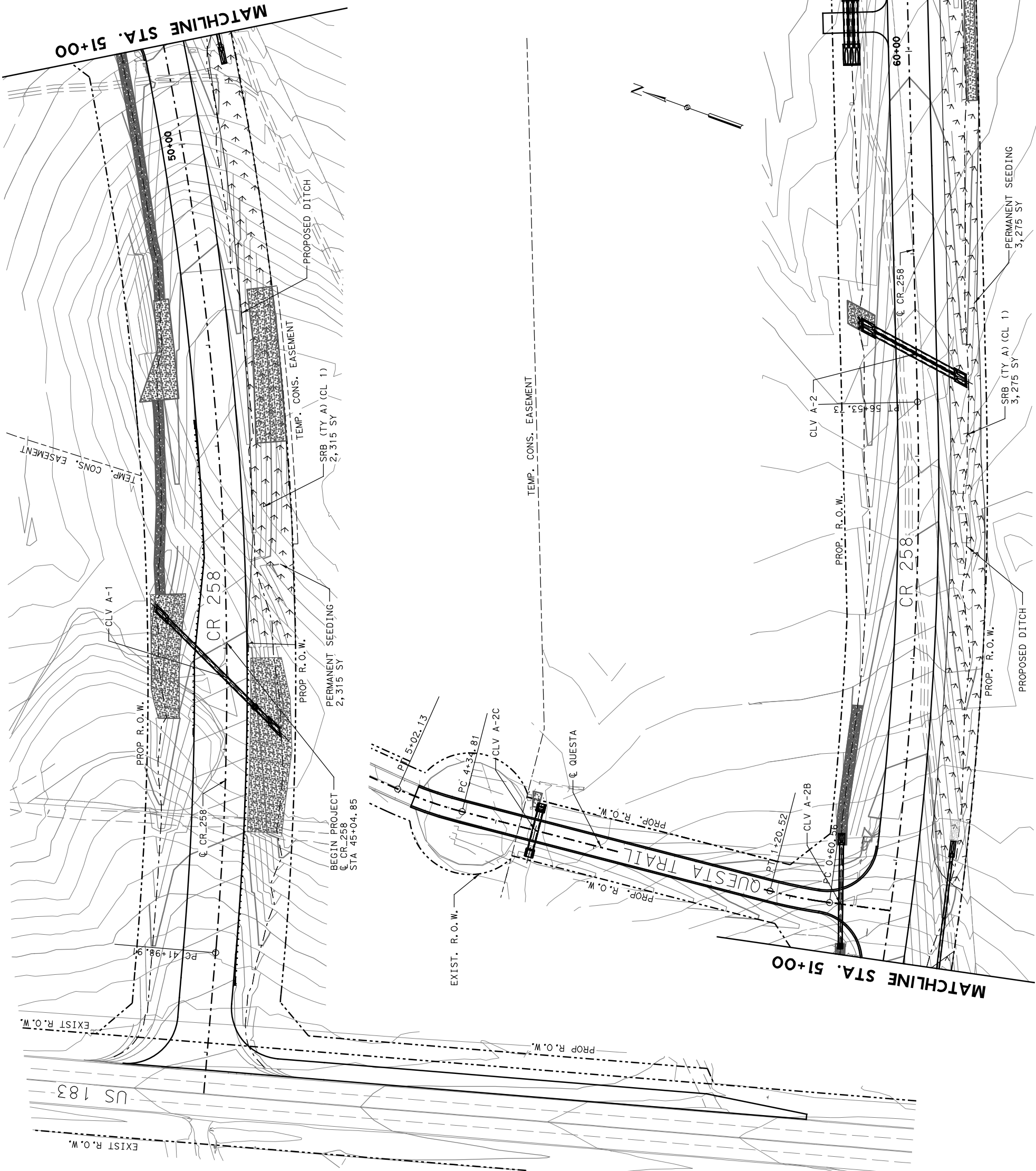
TYPE: RRM NO. F-10069
SHEET NO. 10 OF 10
BUILDING CODE: STATE 350
PROJECT NO. 2023-001
TEL. 512.494.6037 FAX 317.343.0226
www.structurepoint.com



CR 258 EXTENSION

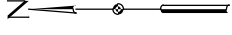
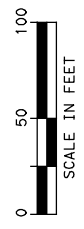
**TEMPORARY EROSION CONTROL
STA 61+00 TO END PROJECT**

DESIGN	GRAPHICS	CHECK	CHECK	\$SNI # OF \$
TZ	RAC	FG	RJZ	
	STATE	COUNTY	PRECINCT	\$SNX
	TX	WILCO	PCT 2	



LEGEND

---	PROPOSED R. O. W.
[Symbol]	PERMANENT SEEDING / SOIL RETENTION BLANKET (CL1) (TY A)
[Symbol]	VEGETATIVE FILTER STRIPS
[Symbol]	CONCRETE RIPRAP
[Symbol]	GABION MATTRESS



7/21/2023

REV	DATE	DESCRIPTION	APPROVED

AMERICAN **STRUCTUREPOINT** INC.

1848

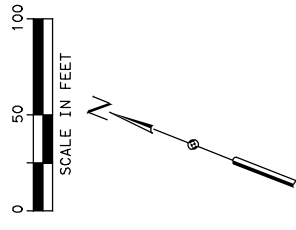
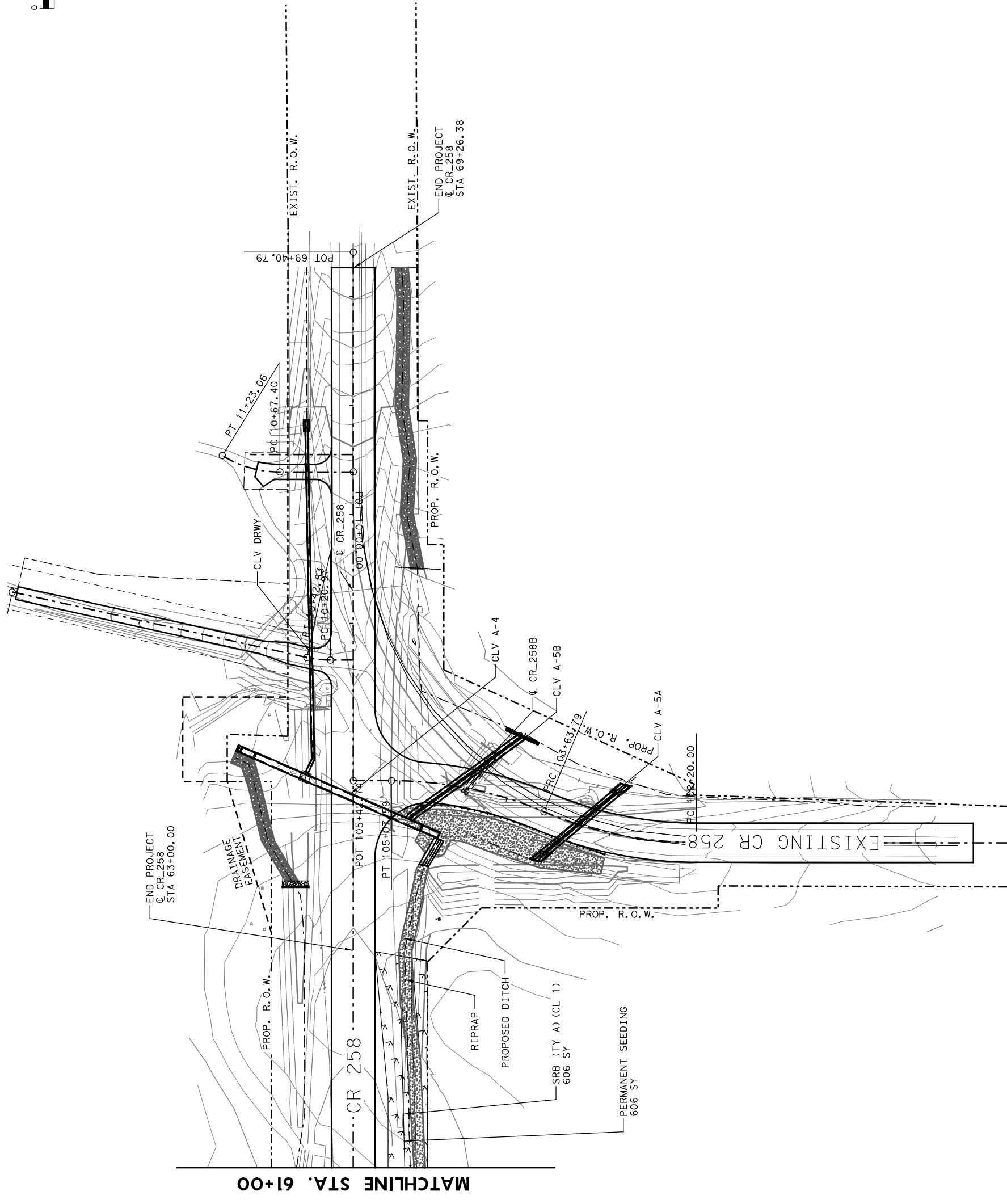
WILLIAMSON COUNTY

CR 258 EXTENSION

PERMANENT EROSION CONTROL BEGIN PROJECT TO STA 61+00

DESIGN	GRAPHICS	CHECK	CHECK	\$SNT#	OF#	\$
TZ	RAC	FG	RJZ			
	STATE	COUNTY	PRECINCT			
	TX	WILCO	PCT 2			

PERM NO. F-10069
 BUILDING CODE OFFICE SUITE 350
 5110 W. STATE ST. WACO, TX 76798
 TEL. 512.494.6037 FAX 512.443.0226
 www.structurepoint.com



LEGEND

- PROPOSED R. O. W.
- EXIST. R. O. W.
- [Symbol] PERMANENT SEEDING / SOIL RETENTION BLANKET (CL1) (TY A)
- [Symbol] VEGETATIVE FILTER STRIPS
- [Symbol] CONCRETE RIPRAP
- [Symbol] GABION MATTRESS

MATCHLINE STA. 61+00



7/21/2023

REV	DATE	DESCRIPTION	APPROVED

AMERICAN
STRUCTUREPOINT
INC.

TYPE: RRM NO. F-10049
BUILDING CODE: STATE 350
EXPIRES: 12/31/2024
TEL: 512.494.6037 FAX: 512.443.0226
www.structurepoint.com

WILLIAMSON
COUNTY
1848

CR 258 EXTENSION

**PERMANENT EROSION CONTROL
STA 61+00 TO END PROJECT**

DESIGN	GRAPHICS	CHECK		\$SNI#OF#
TZ	RAC	FG	RJZ	NO.
	STATE	COUNTY	PRECINCT	\$SNX\$
	TX	WILCO	PCT 2	