

## EDWARDS AQUIFER CONTRIBUTING ZONE PLAN SKYLIGHT HILLS SUBDIVISION

13001 & 13111 High Sierra Dripping Springs ETJ Hays County, Texas

Prepared February 2, 2023

ON BEHALF OF Frame Middleton, LLC

Prepared by:

Revised: April 24, 2023

TRI-TECH ENGINEERING, LP 155 RIVERWALK DRIVE SAN MARCOS, TX 78666 TBPE FIRM REG. F-18693

#### **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. <u>Edwards Aquifer applications</u> 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: <a href="http://www.tceq.texas.gov/field/eapp">http://www.tceq.texas.gov/field/eapp</a>.
- 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: Frame Middleton LLC			2. Regulated Entity No.:					
3. Customer Name: Logan Middleton		4. Customer No.:						
5. Project Type: (Please circle/check one)	New	Modif	ication	1	Exter	ision	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-r	Non-residential 8. S		8. Sit	e (acres):	20.0	
9. Application Fee:	\$4,000	10. P	10. Permanent BMP(s):		N/A			
11. SCS (Linear Ft.):	N/A	12. AS	12. AST/UST (No. Tanks):			ıks):	N/A	
13. County:	Hays	14. W	14. Watershed:			Colorado 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.)	1	_	_
Region (1 req.)	1	_	_
County(ies)	1	_	_
Groundwater Conservation District(s)	Edwards Aquifer AuthorityBarton Springs/ Edwards Aquifer _1_ Hays TrinityPlum Creek	Barton Springs/ Edwards Aquifer	NA
City(ies) Jurisdiction	AustinBuda _1_Dripping SpringsKyleMountain CitySan MarcosWimberleyWoodcreek	AustinBee CavePflugervilleRollingwoodRound RockSunset ValleyWest Lake Hills	AustinCedar ParkFlorenceGeorgetownJerrellLeanderLiberty HillPflugervilleRound Rock

	Sa	an Antonio Region			
County:	Bexar	Comal	Kinney	Medina	Uvalde
Original (1 req.)	_	_	_	_	_
Region (1 req.)	_			_	_
County(ies)	_		_		
Groundwater Conservation District(s)	Edwards Aquifer Authority Trinity-Glen Rose	Edwards Aquifer Authority	Kinney	EAA Medina	EAA Uvalde
City(ies) Jurisdiction	Castle HillsFair Oaks RanchHelotesHill Country VillageHollywood ParkSan Antonio (SAWS)Shavano Park	BulverdeFair Oaks RanchGarden RidgeNew BraunfelsSchertz	NA	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.
Al Carroll P.E.
Print Name of Customer/Authorized Agent
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):	Payable to TCEQ (Y/N):	
Core Data Form Complete (Y/N):	Check: Signed (Y/N):	
Core Data Form Incomplete Nos.:	Less than 90 days old (Y/N):	

## **Contributing Zone Plan Application**

**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 Plan Application** is hereby submitted for TCEQ review and Executive Director approval. The application was prepared by:

Print Name of Customer/Agent: Al Carroll, P.E.

Date: 2/2/2023

Signature of Customer/Agent:

Regulated Entity Name: Tri-Tech Engineering, LP

### **Project Information**

1. County: Hays

2. Stream Basin: Colorado River Basin

3. Groundwater Conservation District (if applicable): Hays Trinity GCD

4. Customer (Applicant):

Contact Person: <u>Logan Middleton</u> Entity: <u>Frame Middleton LLC</u>

Mailing Address: 11203 Brushy Glen Dr

 City, State: Austin, Texas
 Zip: 78754

 Telephone: (737)529-6791
 Fax: \_\_\_\_\_

Email Address: logan@framemiddleton.com

5.	Agent/Representative (If any):	
	Contact Person: Al Carroll, P.E. Entity: Tri-Tech Engineering, LP Mailing Address: 155 Riverwalk Dr City, State: San Marcos, Texas Telephone: (512)440-0222 Email Address: acarroll@tritechtx.com	Zip: <u>78666</u> Fax:
6.	Project Location:	
	<ul> <li>☐ The project site is located inside the city lim</li> <li>☐ The project site is located outside the city ling jurisdiction) of <u>Dripping Springs</u>.</li> <li>☐ The project site is not located within any cit</li> </ul>	mits but inside the ETJ (extra-territorial
7.	The location of the project site is described provided so that the TCEQ's Regional staff c boundaries for a field investigation.	
8.	Attachment A - Road Map. A road map sho project site is attached. The map clearly sho	_
9.	Attachment B - USGS Quadrangle Map. A concentration Quadrangle Map (Scale: 1" = 2000') is attack	• •
	<ul><li>☑ Project site boundaries.</li><li>☑ USGS Quadrangle Name(s).</li></ul>	
10.	. Attachment C - Project Narrative. A detailed project is attached. The project description contains, at a minimum, the following details	is consistent throughout the application and
	<ul> <li>Area of the site</li> <li>✓ Offsite areas</li> <li>✓ Impervious cover</li> <li>✓ Permanent BMP(s)</li> <li>✓ Proposed site use</li> <li>✓ Site history</li> <li>✓ Previous development</li> <li>✓ Area(s) to be demolished</li> </ul>	
11.	. Existing project site conditions are noted below	<i>r</i> :
	☐ Existing commercial site ☐ Existing industrial site ☐ Existing residential site	

Undeveloped (Cl	nd/or unpaved roads eared) ndisturbed/Not cleared)		
12. The type of project i	s:		
Residential: # of Residential: # of Commercial Industrial Other:	Lots: <u>11</u> Living Unit Equivalents: <sub>-</sub>		
13. Total project area (s	ize of site): <u>20.0</u> Acres		
Total disturbed area	: <u>2.82</u> Acres		
14. Estimated projected	population:		
15. The amount and typ below:	e of impervious cover ex	pected after construction	on is complete is shown
Table 1 - Impervious	Cover		
Impervious Cover of Proposed Project	Sq. Ft.	Sq. Ft./Acre	Acres
Structures/Rooftops	30,550	÷ 43,560 =	.70
Parking	55,000	÷ 43,560 =	1.26
Other paved surfaces	37,500	÷ 43,560 =	.86
Total Impervious Cover	123,050	÷ 43,560 =	2.82
16. Attachment D - I	2.82 ÷ Total Acreage 20 Factors Affecting Surface d affect surface water que cription of any discharge	• Water Quality. A deta nality is attached. If app	iled description of all licable, this includes the
17. 🗌 Only inert mater	ials as defined by 30 TAC	330.2 will be used as fil	l material.
For Road Proje	cts Only		
_	- 23 if this application is	exclusively for a road p	roject.
□ N/A			

18. Type of project:
<ul> <li>☐ TXDOT road project.</li> <li>☐ County road or roads built to county specifications.</li> <li>☐ City thoroughfare or roads to be dedicated to a municipality.</li> <li>☐ Street or road providing access to private driveways.</li> </ul>
19. Type of pavement or road surface to be used:
<ul><li>☐ Concrete</li><li>☐ Asphaltic concrete pavement</li><li>☐ Other:</li></ul>
20. Right of Way (R.O.W.):
Length of R.O.W.: $665$ feet. Width of R.O.W.: $60$ feet. L x W = $39,900$ Ft <sup>2</sup> ÷ 43,560 Ft <sup>2</sup> /Acre = $.92$ acres.
21. Pavement Area:
Length of pavement area: $\underline{665}$ feet. Width of pavement area: $\underline{20}$ feet. L x W = $\underline{13,300}$ Ft <sup>2</sup> ÷ 43,560 Ft <sup>2</sup> /Acre = $\underline{.31}$ acres. Pavement area $\underline{.31}$ acres ÷ R.O.W. area $\underline{.92}$ acres x 100 = $\underline{33}$ % impervious cover.
22. A rest stop will be included in this project.
igtherightarrow A rest stop will not be included in this project.
23. 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
24. Attachment E - 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 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
25. Wastewater is to be discharged in the contributing zone. Requirements under 30 TAC §213.6(c) relating to Wastewater Treatment and Disposal Systems have been satisfied.  N/A

26. Wastewater will be	disposed of by:		
⊠ On-Site Sewage	Facility (OSSF/Septic Tar	nk):	
will be used licensing authe land is sthe requirer relating to C Each lot in the size. The sy	to treat and dispose of t thority's (authorized age uitable for the use of pri- ments for on-site sewage On-site Sewage Facilities. his project/development stem will be designed by	m Authorized Agent. And the wastewater from this nt) written approval is atwate sewage facilities and facilities as specified under its at least one (1) acre (4) a licensed professional eliminate in compliance with the waste facilities as specified under its at least one (1) acre (4) a licensed professional eliminate in compliance with the waste facilities as specified under the waste facilities and the waste facilities as specified under the waste facilities and the waste facilities and the waste facilities as specified under the waste facilities and the waste facilities as specified under the waste facilities as specified under the waste facilities and the wast	site. The appropriate tached. It states that will meet or exceed der 30 TAC Chapter 285.3,560 square feet) in engineer or registered
		: ne wastewater to the	(name) Treatment
Existing. Proposed.			
□ N/A			
Gallons	_	rage Tanks(AST	
Complete questions 27 greater than or equal t		des the installation of AS	T(s) with volume(s)
N/A	5		
27. Tanks and substance	e stored:		
Table 2 - Tanks and	Substance Storage		
AST Number	Size (Gallons)	Substance to be Stored	Tank Material
1			
2			
3			
4			
5			
<del></del>	•	Tot  nent structure that is size ity of the system. For fac-	•

5 of 11

•	stem, the containm umulative storage c		ed to capture one and	d one-half (1 1/2)
for providi		nment are propose	ent Methods. Alterr d. Specifications sho	
29. Inside dimensi	ons and capacity of	containment struct	ure(s):	
	dary Containment		1	
Length (L)(Ft.)	Width(W)(Ft.)	Height (H)(Ft.)	L x W x H = (Ft3)	Gallons
				tal: Gallons
Some of th structure.  The piping The piping The contain substance(	e piping to dispense will be aboveground will be underground ment area must be s) being stored. The	ers or equipment wind d constructed of and e proposed contains	side the containment Il extend outside the I in a material imperv ment structure will be ings. A scaled drawi	containment vious to the e constructed of:
☐ Interior☐ Interna☐ Tanks cl☐ Piping o		, width, depth and	following: wall and floor thickno collection of any spi	•
storage tar		•	for collection and rec controlled drainage a	•
	• • •	spillage will be remo	oved from the contain	nment structure

through a drain and valve within 24 hours of the spill and disposed of properly. The drain and valve system are shown in detail on the scaled drawing.
Site Plan Requirements
tems 34 - 46 must be included on the Site Plan.
4. $\square$ The Site Plan must have a minimum scale of 1" = 400'.
Site Plan Scale: 1" = <u>50</u> '.
5. 100-year floodplain boundaries:
<ul> <li>Some part(s) of the project site is located within the 100-year floodplain. The floodplain is shown and labeled.</li> <li>No part of the project site is located within the 100-year floodplain.</li> <li>The 100-year floodplain boundaries are based on the following specific (including date of material) sources(s):</li> </ul>
66. 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, etc. are shown on the site plan.
The layout of the development is shown with existing contours at appropriate, but not greater than ten-foot contour intervals. Finished topographic contours will not differ from the existing topographic configuration and are not shown. Lots, recreation centers, buildings, roads, etc. are shown on the site plan.
37. $\boxtimes$ A drainage plan showing all paths of drainage from the site to surface streams.
88. $oxed{\boxtimes}$ The drainage patterns and approximate slopes anticipated after major grading activities.
9. $igwidge$ Areas of soil disturbance and areas which will not be disturbed.
10. \( \sum \) Locations of major structural and nonstructural controls. These are the temporary and permanent best management practices.
1. Locations where soil stabilization practices are expected to occur.
2. Surface waters (including wetlands).
⊠ N/A
3. Locations where stormwater discharges to surface water.
There will be no discharges to surface water.
4. Temporary aboveground storage tank facilities.
$oxed{\boxtimes}$ Temporary aboveground storage tank facilities will not be located on this site.

45. 🔲 F	Permanent aboveground storage tank facilities.
⊠ F	Permanent aboveground storage tank facilities will not be located on this site.
46. 🛛 l	Legal boundaries of the site are shown.
Perm	nanent Best Management Practices (BMPs)
Practice	es 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.
[	<ul> <li>The TCEQ Technical Guidance Manual (TGM) was used to design permanent BMPs and measures for this site.</li> <li>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:</li> </ul>
<b> </b>	N/A
	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
less perr perc who App	ere a site is used for low density single-family residential development and has 20 % or impervious cover, other permanent BMPs are not required. This exemption from manent BMPs must be recorded in the county deed records, with a notice that if the cent impervious cover increases above 20% or land use changes, the exemption for the ble site as described in the property boundaries required by 30 TAC §213.4(g) (relating to lication Processing and Approval), may no longer apply and the property owner must fy 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.

family resimpervious recorded increases the properation and Appropriate from the properation of the properat	utive director may waive the requirement for other permanent BMPs for multisidential developments, schools, or small business sites where 20% or less us cover is used at the site. This exemption from permanent BMPs must be in the county deed records, with a notice that if the percent impervious cover above 20% or land use changes, the exemption for the whole site as described in erty boundaries required by 30 TAC §213.4(g) (relating to Application Processing oval), may no longer apply and the property owner must notify the appropriate office of these changes.
m or BN Th bu	tachment I - 20% or Less Impervious Cover Waiver. The site will be used for ulti-family residential developments, schools, or small business sites and has 20% less impervious cover. A request to waive the requirements for other permanent MPs and measures is attached. The site will be used for multi-family residential developments, schools, or small usiness sites but has more than 20% impervious cover. The site will not be used for multi-family residential developments, schools, or small usiness sites.
52. Attacl	hment J - BMPs for Upgradient Stormwater.
su ar No ar No Pe	description of the BMPs and measures that will be used to prevent pollution of urface water, groundwater, or stormwater that originates upgradient from the site and flows across the site is attached. It is surface water, groundwater or stormwater originates upgradient from the site and flows across the site, and an explanation is attached. It is surface attached attached attached attached attached attached attached attached attached attached. It is supported to prevent pollution of surface attached attached attached attached attached.
53. Attacl	hment K - BMPs for On-site Stormwater.
su po Pe or	description of the BMPs and measures that will be used to prevent pollution of arface water or groundwater that originates on-site or flows off the site, including ollution caused by contaminated stormwater runoff from the site is attached. Ermanent BMPs or measures are not required to prevent pollution of surface water groundwater that originates on-site or flows off the site, including pollution bused by contaminated stormwater runoff, and an explanation is attached.
	hment L - BMPs for Surface Streams. A description of the BMPs and measures brevent pollutants from entering surface streams is attached.
⊠ N/A	
propo super	hment M - Construction Plans. Construction plans and design calculations for the sed permanent BMPs and measures have been prepared by or under the direct vision of a Texas Licensed Professional Engineer, and are signed, sealed, and . Construction plans for the proposed permanent BMPs and measures are

	attached and include: Design calculations, TCEQ Construction Notes, all proposed structural plans and specifications, and appropriate details.
	N/A
	<b>Attachment N - Inspection, Maintenance, Repair and Retrofit Plan</b> . A site and BMP specific plan for the inspection, maintenance, repair, and, if necessary, retrofit of the permanent BMPs and measures is attached. The plan fulfills all of the following:
	<ul> <li>Prepared and certified by the engineer designing the permanent BMPs and measures</li> <li>Signed by the owner or responsible party</li> <li>Outlines specific procedures for documenting inspections, maintenance, repairs, and, if necessary, retrofit.</li> <li>Contains a discussion of record keeping procedures</li> </ul>
	N/A
_	<b>Attachment O - Pilot-Scale Field Testing Plan</b> . 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
	Attachment P - 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 result in water quality degradation.
	N/A
-	oonsibility for Maintenance of Permanent BMPs and sures after Construction is Complete.
	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.
	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,

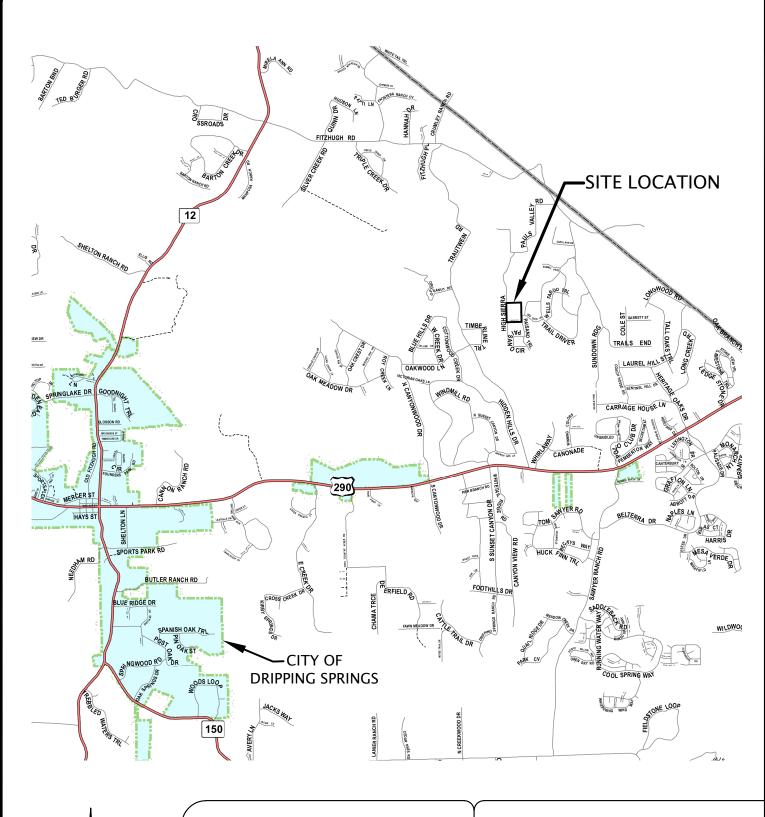
or a non-residential development such as commercial, industrial, institutional, schools, and other sites where regulated activities occur.

## **Administrative Information**

51. 🔀	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.
52. 🔀	Any modification of this Contributing Zone Plan may require TCEQ review and Executive Director approval prior to construction, and may require submission of a revised application, with appropriate fees.
53.	The site description, controls, maintenance, and inspection requirements for the storm water pollution prevention plan (SWPPP) developed under the EPA NPDES general permits for stormwater discharges have been submitted to fulfill paragraphs 30 TAC §213.24(1-5) of the technical report. All requirements of 30 TAC §213.24(1-5) have been met by the SWPPP document.
$\boxtimes$	The Temporary Stormwater Section (TCEQ-0602) is included with the application.

Contributing Zone Plan Application Attachments

ATTACHMENT "A"
Road Map





# TCEQ - General Information Form ATTACHMENT A

HAYS COUNTY ROAD MAP ACTIVE DEPLOYMENT SYSTEMS HAYS COUNTY, TEXAS

Hays County Road Map Hays County Development Services



## TRI-TECH

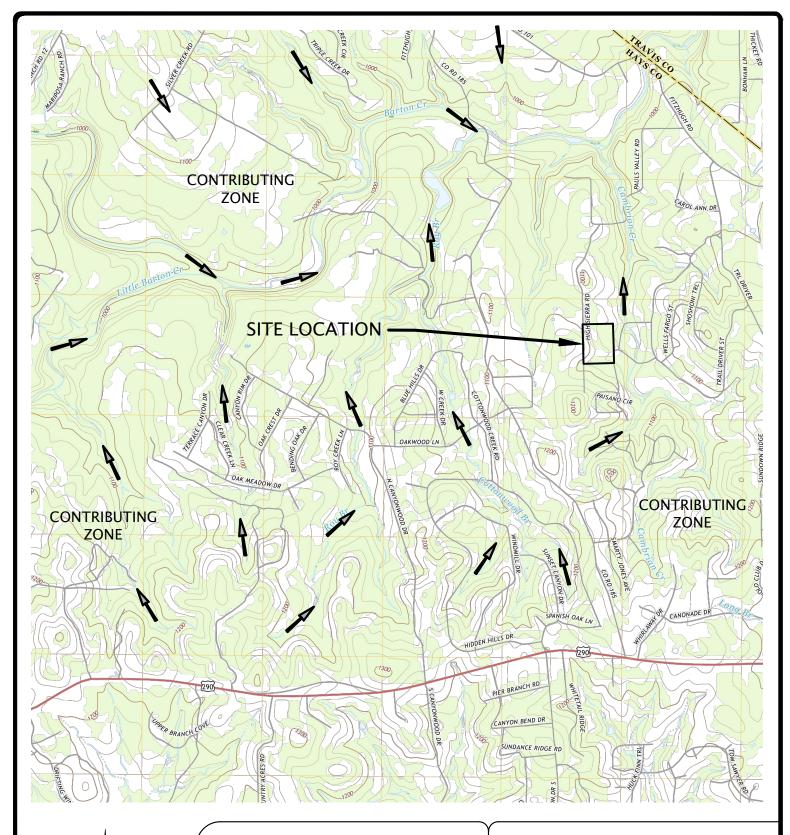
ENGINEERING, L.P.

155 RIVERWALK DRIVE SAN MARCOS, TEXAS 78666 PH: 512-440-0222

TBPE REGIS. #: F-18693 www.tritechtx.com

ATTACHMENT "B"
USGS Quadrangle Map

Contributing Zone Plan Application Attachments





# TCEQ - General Information Form ATTACHMENT B

USGS TOPOGRAPHIC MAP ACTIVE DEPLOYMENT SYSTEMS HAYS COUNTY, TEXAS

2019 USGS, Dripping Springs, Texas 7.5 Quadrangle, 20 Foot Contours



# TRI-TECH

ENGINEERING, L.P.

155 RIVERWALK DRIVE SAN MARCOS, TEXAS 78666 PH: 512-440-0222

TBPE REGIS. #: F-18693 www.tritechtx.com

# Contributing Zone Plan Application Attachments

## ATTACHMENT "C" Project Narrative

The following is a description of the proposed project to be constructed at 13001 Paisano Pass, Austin, Texas 1/2 mile West of the intersection of Trail Driver Street & Paisano Trail.

The "project site" (Site) is defined as 9.989 acre tract of land out of the S.F.I.W CO. Survey No. 3, Abstract No. 437, in Hays County Texas and 10.003 acre tract of land out of the S.F.I.W CO. Survey No. 3, Abstract No. 437, in Hays County Texas totaling to approximately 20 acres for the proposed development. There is currently one existing single-family home with a well and septic system on the 9.989 acre tract.

The project consists of two 10-acre tracts (one vacant & one with a single family home) being divided into a single-family residential subdivision consisting of 11 lots, (10 approximately 1.5 acres; 1 approximately 3.0 acres). The subdivision will obtain access from a newly proposed cul-de-sac that will tie into Paisano Pass. Total impervious cover in proposed improvements (homes & roads) is 2.51 Acres. The proposed improvements consist of 665 LF asphalt road and 1,900 LF waterline extension.

All groundcover disturbed by construction activities will be re-vegetated. Due to low impervious cover there will be no substantial increase in flows or velocities and there will be a minimal impact on water quality.

#### Planned construction activities include:

- 1. Installation of Temporary BMP's (Silt Fence, Rock Berm, and Stabilized Construction Entrance)
- 2. Clearing and Grubbing: Removal of existing vegetation, top soil and other debris within the proposed construction site. Approximate total disturbed area = 2.82 acres
- 3. Rough Grading: Cutting of proposed entrance drive, parking areas, building pads, access drive, and drainage swales. Approximate total disturbed area = 2.82 acres
- 4. Utility Installation: Trenching and installation of water and wastewater utilities. Approximate total disturbed are = 0.3 acre.
- 5. Site Grading: Grading of entrance drive, parking areas, and building pads to prepare the subgrade for pavement and foundation. Approximate total disturbed are = 0.91 acre.
- 6. Pavement & Foundation: Installation of concrete foundations, parking, access drive, and entrance drive. Approximate total disturbed area = 1.27 acres.
- 7. Finished Grading: Final grading of drainage swale, slope grading, and landscaping and installation of Permanent BMP's. Approximate total disturbed area = 3.9 acres
- 8. Completion of Construction: Installation of all landscaping and replacement of destroyed vegetation. Once permanent growth of vegetation has occurred remove temporary BMP's (Silt Fence & Rock Berm).

#### **ATTACHMENT "D"**

#### **Factors Affecting Surface Water Quality**

The only potential factors affecting water quality are from construction equipment leaks, refueling spills, as well as potential leaks from port-o-lets, and the total suspended solids (TSS) due to the construction activities on-site.

#### **ATTACHMENT "E"**

#### **Volume and Character of Stormwater**

The project is located within the Headwaters Barton Creek Sub Watershed of the Colorado River. The 52.79 acre watershed is delineated into three distinct drainage areas (see Runoff Calculations table below).

#### **RUNOFF CALCULATIONS**

#### **Existing Conditions**

	0011010110								
		Area with 0-2% slope		Area with 2-7% slope		Area with > 7% slope			
Drainage	Drainage Area Size	Total Acres	0.11	Total Acres	0.81	Total Acres	0.81	C	
Area		Developed	Undeveloped	Developed	Undeveloped	Developed	Undeveloped	Composite C-Va	ilues
	1.73	0.00	0.11	0.00	0.81	0.00	0.81	2- Year	0.37
Drainage								10 - Year	0.42
Area 1								25 - Year	0.46
								100 - Year	0.52
	25.52	0.00	0.37	0.14	11.98	0.47	12.56	2- Year	0.38
Drainage								10 - Year	0.43
Area 2								25 - Year	0.47
								100 - Year	0.54
	25.54	0.03	0.51	0.57	5.71	2.41	16.31	2- Year	0.42
Drainage Area 3								10 - Year	0.48
								25 - Year	0.52
								100 - Year	0.58

#### Proposed Conditions

Troposcu	roposed Conditions								
Drainage	Drainage	Area with 0-2% slope		Area with 2-7% slope		Area with > 7% slope			
Drainage	Drainage	Total Acres	0.02	Total Acres	0.46	Total Acres	0.59	Camarasita C Va	
Area	Area Size	Developed	Undeveloped	Developed	Undeveloped	Developed	Undeveloped	Composite C-Values	
	1.06	0.00	0.02	0.00	0.46	0.00	0.59	2- Year	0.37
Drainage								10 - Year	0.43
Area 1								25 - Year	0.46
								100 - Year	0.53
	26.18	0.00	0.46	0.99	11.49	1.07	12.18	2- Year	0.40
Drainage								10 - Year	0.46
Area 2								25 - Year	0.49
								100 - Year	0.56
	25.54	0.03	0.51	1.11	5.18	2.65	16.07	2- Year	0.43
Drainage Area 3								10 - Year	0.49
								25 - Year	0.53
								100 - Year	0.60

The Rational Method was utilized to quantify the runoff values. There are minimal increases in runoff due to the low amount of increase in impervious cover relative to the scope of the project. Due to the

Contributing Zone Plan Application Attachments

low impervious cover and low density of the development, the character of the runoff will be similar to the predevelopment conditions.

Contributing Zone Plan Application Attachments

### ATTACHMENT "F"

Suitability Letter from Authorized Agent (if OSSF is Proposed)



## **Hays County Development Services**

2171 Yarrington Road, Suite 100, Kyle TX 78640 512-393-2150 main / 512-493-1915 fax

March 9, 2023

To Whom It May Concern:

Re: On Site Sewage Facility Suitability (OSSF) for the Skylight Hills Subdivision Park located at approximately 13001 High Sierra, Austin, Texas 78737, parcel ID's: R21226 & R21227.

I have completed my preliminary review of the Facility Planning Report submitted in support of the above referenced development in Hays County. I concur with Andy Grubbs, R.S., findings that this 11-lot subdivision can be adequately served by individual on-site sewage facilities. These lots will be served by a public surface water supply served by West Travis County Public Utility Agency.

This review does not authorize the start of any construction and all Hays County development authorizations and subdivision requirements must be obtained before the start of any development.

Please contact me if you have any questions concerning this matter.

Sincerely,

公りつい

Eric Van Gaasbeek, R.S., C.F.M. Chief Environmental Health Specialist Floodplain Administrator OS# 0028967

# Contributing Zone Plan Application Attachments

#### **ATTACHMENT "G"**

Alternative Secondary Containment Methods (if AST with an alternative method of secondary containment is proposed).

N/A

#### **ATTACHMENT "H"**

**AST Containment Structure Drawings (if AST is Proposed)** 

N/A

#### **ATTACHMENT "I"**

20% or less Impervious Cover Declaration (if project is multi-family residential, a school, or a small business and 20% or less impervious cover is proposed for the site).

This site will be a single-family residential development with 14.1% impervious cover so there is no requirement to treat storm water runoff according to 30 TAC Chapter 213.

#### <u>ATTACHMENT "J" – BMPs for On-site Stormwater</u>

N/A

#### <u>ATTACHMENT "K" – BMPs for Surface Streams</u>

N/A

#### <u>ATTACHMENT "L" – Request to Seal Features</u>

N/A

#### <u>ATTACHMENT M – Construction Plans</u>

#### **ATTACHMENT "N"**

N/A

# PAVING, DRAINAGE, AND WATER IMPROVEMENTS PLAN SKYLIGHT HILLS SUBDIVISION

CITY OF DRIPPING SPRINGS ETJ Hays County Texas

Texas Commission on Environmental Quality Contributing Zone Plan

Edwards Aguifer Protection Program Construction Notes - Legal Disclaime

General Construction Notes

The following/listed "construction notes" are intended to be advisory in nature only and do not constitute an approval or conditional approval by the Executive Director (ED), nor do they constitute a comprehensive listing of rules or conditions to be followed during construction. Further actions may be (TAC), Chapters 213 and 217, as well as local ordinances and regulations providing for the protection of water quality. Additionally, nothing contained in the following/listed "construction notes" restricts the powers of the ED, the commission or any other governmental entity to prevent, correct, or curtail activities that result or may result in pollution of the Edwards Aquifer or hydrologically connected surface waters. The holder of any Edwards Aquifer Protection Plan containing "construction notes" is still responsible for compliance with Title 30, TAC, Chapters 213 or any other applicable TCEQ regulation, as well as all conditions of an Edwards Aquifer Protection Plan through all phases of plan implementation. Failure to comply with any condition of the ED's approval, whether or not in contradiction of any "construction notes," is a violation of TCEQ regulations and any violation is subject to administrative rules, orders, and penalties as provided under Title 30, TAC § 213.10 (relating to Enforcement). Such violations may also be subject to civil penalties and injunction. The following/listed "construction notes" in no way represent an approved exception by the ED to any part of Title 30 TAC, Chapters 213 and 217, or any other TCEQ applicable regulation 1. A written notice of construction must be submitted to the TCEQ regional office at least 48

hours prior to the start of any ground disturbance or construction activities. This notice must

the name of the approved project;

 the activity start date; and - the contact information of the prime contractor.

All contractors conducting regulated activities associated with this project should be provided with complete copies of the approved Contributing Zone Plan (CZP) and the TCEQ letter indicating the specific conditions of its approval. During the course of these regulated

activities, the contractor(s) should keep copies of the approved plan and approval letter on site. 3. No hazardous substance storage tank shall be installed within 150 feet of a water supply source, distribution system, well, or sensitive feature. 4. Prior to beginning any construction activity, all temporary erosion and sedimentation (E&S)

control measures must be properly installed and maintained in accordance with the manufacturers specifications. If inspections indicate a control has been used inappropriately, or incorrectly, the applicant must replace or modify the control for site situations. These controls must remain in place until the disturbed areas have been permanently stabilized. 5. Any sediment that escapes the construction site must be collected and properly disposed of before the next rain event to ensure it is not washed into surface streams, sensitive features,

Sediment must be removed from the sediment traps or sedimentation basins when it occupies 50% of the basin's design capacity. Litter, construction debris, and construction chemicals exposed to stormwater shall be

prevented from being discharged offsite. 8. All excavated material that will be stored on-site must have proper E&S controls. 9. If portions of the site will have a cease in construction activity lasting longer than 14 days, soil TCEQ-0592A (Rev. July 15, 2015) Page 2 of 2

stabilization in those areas shall be initiated as soon as possible prior to the 14th day of inactivity. If activity will resume prior to the 21st day, stabilization measures are not required. If drought conditions or inclement weather prevent action by the 14th day, stabilization measures shall be initiated as soon as possible.

10. The following records should be maintained and made available to the TCEQ upon request: - 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.

11. The holder of any approved CZP must notify the appropriate regional office in writing and obtain approval from the executive director prior to initiating any of the following: A. any physical or operational modification of any best management practices (BMPs) or structure(s), including but not limited to temporary or permanent ponds, dams, berms,

silt fences, and diversionary structures: B. any change in the nature or character of the regulated activity from that which was originally approved;

C. any change that would significantly impact the ability to prevent pollution of the Edwards Aquifer; or D. any development of land previously identified as undeveloped in the approved contributing zone plan.

Austin Regional Office 12100 Park 35 Circle, Building A Austin, Texas 78753-1808 Phone (512) 339-2929 Fax (512) 339-3795

San Antonio Regional Office 14250 Judson Road San Antonio, Texas 78233-4480 Phone (210) 490-3096 Fax (210) 545-4329

THESE GENERAL CONSTRUCTION NOTES MUST BE INCLUDED ON THE CONSTRUCTION PLANS PROVIDED TO THE CONTRACTOR AND ALL SUBCONTRACTORS.

**ENGINEER:** 

TRI-TECH ENGINEERING, LF 155 RIVERWALK DRIVE SAN MARCOS, TX 78666 PH: (512) 440-0222 CONTACT: AL CARROLL, PE

CONTACTS

OWNER/DEVELOPER:

FRAME MIDDLETON, LLC 13001 HIGH SIERRA AUSTIN, TEXAS 78737 PH: (737) 529-6791 CONTACT: LOGAN MIDDLETON, OWNER

WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY

(512) 263-0100

ONSITE SEWAGE FACILITY

**EDWARDS AQUIFER** 

THIS SUBDIVISION LIES WITHIN THE BOUNDARIES OF THE EDWARDS AQUIFER CONTRIBUTING ZONE.

BEING 9.89 ACRES & 10.00 ACRES OUT OF THE S.F.I.W. SURVEY ABSTRACT NOS. 437 & 438, CITY OF DRIPPING SPRINGS ETJ, HAYS COUNTY, TEXAS

FLOODPLAIN INFORMATION

F.I.R.M. NO. 48209C PANEL: 0107F DATED: Sept. 2, 2005 ZONE: X

COMMUNITY NO.: 480321 PANEL: 0107F

FLOOD INFORMATION PROVIDED HEREON IS BASED ON SCALING THE LOCATION OF THE SUBJECT TRACT ON THE FLOOD INSURANCE RATE MAPS. THE INFORMATION SHOULD BE USED TO DETERMINE FLOOD INSURANCE RATES ONLY AND IS NOT INTENDED TO IDENTIFY SPECIFIC FLOODING CONDITIONS. WE ARE NOT RESPONSIBLE FOR THE F.I.R.M.'S ACCURACY.

NO PORTION OF THIS SUBDIVISION LIES WITHIN THE BOUNDARIES OF THE 100-YEAR FLOODPLAIN AS DELINEATED ON HAYS COUNTY F.I.R.M. PANEL #48209C0107F, DATED SEPTEMBER 2, 2005.

SHEET INDEX

1.0 - COVER SHEET

2.0 - PLAT SHEET - 1

2.1 - PLAT SHEET - 2

3.0 - <u>SURVEY</u> 4.0 - OVERALL PAVING & SIGNAGE LAYOUT

5.0 - STREET PLAN & PROFILE - STA. 0+16 TO 2+20.00

5.1 - STREET PLAN & PROFILE - STA. 2+20.00 TO 7+34.13

6.0 - DRAINAGE AREA MAP - EXISTING

6.1 - DRAINAGE AREA MAP - PROPOSED

7.0 - GRADING PLAN

8.0 - WATER DISTRIBUTION SYSTEM PLAN

9.0 - CULVERT DESIGN

10.0 - <u>NOTES</u>

12.0 - EROSION AND SEDIMENTATION CONTROL PLAN

\*\*\* CAUTION: NOTICE TO CONTRACTOR \*\*\*

STOP!! CALL BEFORE YOU DIG

AS REQUIRED BY "TEXAS ADMINISTRATIVE CODE TITLE 16, PART 1, CH. 18," TEXAS ONE CALL SYSTEM MUST BE CONTACTED (811) AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION OPERATIONS BEING PERFORMED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT TEXAS ONE CALL SYSTEM.

THE CONTRACTOR SHALL NOTE ON SITE PLAN THE LOCATION OF ALL MATERIAL STORAGE AREAS, EQUIPMENT STORAGE AREAS, PETROLEUM TANKS, SOLID WASTE RECEPTACLES, SANITARY FACILITIES, ANY ON-SITE OR OFF-SITE BORROW OR STOCKPILE AREA, ANY ON-SITE OR OFF-SITE SUPPORT ACTIVITIES (SUCH AS ASPHALT OR CONCRETE PLANTS). CONTRACTOR SHALL ALSO PREPARE, KEEP ON SITE, AND MAINTAIN CURRENT A LIST OF MATERIALS WITH APPROXIMATE QUANTITIES, WHICH ARE STORED ON SITE.

> ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM . IN APPROVING THESE PLANS. THE CITY MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

CITY OF DRIPPING SPRINGS DEVELOPMENT PERMIT #:

TRI-TECH Engineering, LP (TRI-TECH) as an instrument of service, and shall remain the

NO REVISION DATE

prohibited, and the user shall hold from all liabilities which may arise from such unauthorized use.

IMPROVEME kylight Hills Subdivision 3001 I CITY AVIS

ALVORIS CARROLL J

DRAWN BY: ACJ

CHECKED BY: ACJ DESIGN BY: ACJ DATE: 02/03/2023 SCALE: N/A SHEET:

# **SKYLIGHT HILLS**

**BEING 9.989 & 10.00 ACRES OUT OF THE** S.F.I.W. SURVEY ABST. 437 & 438 CITY OF DRIPPING SPRINGS ETJ HAYS COUNTY, TEXAS

TATE OF TEXAS* COUNTY OF HAYS*	
NOW ALL MEN BY THESE PRESENTS	
and shown hereon being a called 10.00 acre tract 12024798, Official Public Records of Hays County, a called 9.989 acre tract of land and described in a Records of Hays County, Texas as shown hereon, di lote requirements shown hereon, and do hereby de	gan Middleton, representative, owners of that certain tract of of land and described in a deed recorded in Instrument No. Texas, and that certain tract of land shown hereon being a deed recorded in Instrument No. 22032612, Official Public o hereby subdivide said tract and do hereby consent to all plat dicate to the public the use of utility easements shown hereon. BEING 9.89 ACRES & 10.00 ACRES OUT OF THE S.F.I.W. IGS ETJ, HAYS COUNTY, TEXAS.
TO CERTIFY WHICH, WITNESS by my hand this	_ day of A.D. 20
By: Logan Middleton, Representative	
Logan Middleton, Representative 11203 Brushy Glen Drive Austin, Texas 78754	
STATE OF TEXAS* COUNTY OF HAYS*	
KNOW ALL MEN BY THESE PRESENTS	
Logan Middleton, known to me to be the persons w	personally appeared Frame Middleton, LLC., by and through whose name is subscribed to the foregoing instrument and same for the purposes and consideration therein expressed, in
GIVEN UNDER MY HAND AND SEAL of office this	day of A.D. 20
NOTARY PUBLIC in and for Hays County, Texas	
STATE OF TEXAS* COUNTY OF HAYS*	
KNOW ALL MEN BY THESE PRESENTS	
	Texas, do hereby certify that on the day of Court of Hays County, Texas, passed an order authorizing the
	een entered into the minutes of said court in Instrument
Ruben Becerra County Judge	Elaine H. Cardenas County Clerk
Hays County, Texas	Hays County, Texas
prospective property owners are cautioned by Hays	intil connected to an individual water supply or a declining water supplies and diminishing water quality, County to question the seller concerning ground water in some areas may offer the best renewable water resource.
No structure in this subdivision shall be occupied u wastewater system which has been approved and p	ntil connected to a public sewer system or to an on—site ermitted by Hays County Development Services.
	ubdivision may begin until all Hays County Development Permit
Frie Van Carebook, B.C. C.F.H.	Data
Eric Van Gaasbeek, R.S., C.F.M. Hays County Floodplain Administrator	Date
Marcus Pacheco, Director Hays County Development Services	Date
I. the undersigned, director of Hoys County Develor	oment Services Department, hereby certify that this subdivision
plat conforms to all Hays County Requirements as	stated in the Interlocal Cooperation Agreement between Hays sion regulation within the extraterritorial jurisdiction of the City
	Date
Marcus Pacheco, Director	
Marcus Pacheco, Director Hays County Development Services	
Hays County Development Services	

STATE OF TEXAS\* COUNTY OF HAYS\* KNOW ALL MEN BY THESE PRESENTS I, Aaron Micah Reynolds, Registered Professional Land Surveyor in the State of Texas, do hereby certify that this plat is true and correctly made from an actual survey made on the ground of the property legally described hereon, and that there are no apparent discrepancies, conflicts, overlapping of improvements, or roads in place, except as shown on the accompanying plat, and that the corner monuments shown thereon were properly found or placed under my supervision in accordance with the Development Regulations of Hays County, Texas. TO CERTIFY WHICH, WITNESS by my hand and seal this \_\_\_\_ day of \_\_\_\_\_ A.D. 20\_\_\_. RELEASED FOR REVIEW 12/06/22 Preliminary, this document shall not be recorded for any purpose and shall not be used or viewed or relied upon as a Agron Micah Revnolds R.P.L.S. # 6644, State of Texas STATE OF TEXAS\* COUNTY OF HAYS\* KNOW ALL MEN BY THESE PRESENTS I, Al Carroll, Registered Professional Engineer in the State of Texas, do hereby certify that this subdivision is not in the Edwards Aquifer Recharge Zone, nor is it in the Barton Springs Segment of the Edwards Aquifer Recharge Zone; it is however in the Contributing Zone of the Edwards Aquifer and is located within Zone X and Zone A flood areas, as denoted hereon, and as defined by Federal Emergency Management Administration Flood Hazard Boundary Map, Community Panel Number, 48209C 0355 F effective date September 2, 2005, and that each lot conforms to the Hays County Development Regulations. TO CERTIFY WHICH, WITNESS by my hand and seal at this \_\_\_\_ day of \_\_\_\_\_ A.D. 20\_\_\_. Preliminary, this document shall not be recorded for any purpose and shall not be used or viewed or relied upon as a final survey document. Registered Professional Engineer, No. 119251 State of Texas STATE OF TEXAS\* COUNTY OF HAYS\* KNOW ALL MEN BY THESE PRESENTS I, Elaine H. Cardenas, County Clerk of Hays County, Texas, do hereby certify that the foregoing instrument of writing with its certificate of authentication was filed for record in my office on the \_\_\_\_ day of \_\_\_\_\_, A.D. 20\_\_, at \_\_\_\_ o'clock \_\_\_\_m., in the plat records of Hays County, Texas, in Instrument Number WITNESS my hand and seal of office this the \_\_\_\_\_ day of \_\_\_\_\_, A.D. 20\_\_\_. Elaine H. Cardenas Hays County, Texas STATE OF TEXAS\* CITY OF DRIPPING SPRINGS This replat has been submitted to and considered by the city council of the City of Dripping Springs, Texas, and approved this the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_ A.D. by the city council. Bill Foulds Jr., Mayor Andrea Cunningham, City Secretary City of Dripping Springs City of Dripping Springs PEDERNALES ELECTRIC COOPERATIVE NOTES

1. Pedernales Electric Cooperative (PEC) is hereby dedicated a twenty (20) foot wide utility easement along all lot lines adjoining the main public right—of—way, a ten (10) food wide utility easement along all lot lines adjoining a secondary public right—of—way and a five (5) foot wide utility easement along all other side or rear lot lines. Property within a public roadway easement shall be designated as a utility easement. 2. All existing overhead and underground lines shall possess a twenty (20) foot wide utility easement centered 10' each side of the line.

4. All utility easements are for the purpose of construction, reconstruction, maintenance (including but not limited to removal of trees and

5. No buildings or any other obstructions shall be placed within utility easements. Where access is obstructed within easement PEC shall have

1. The lots in this subdivision receive potable water service, either directly or via wholesale contract, from the West Travis County Public Utility

2. No lots contain USFWS stream buffer zones and/or sensitive feature buffer zones as indicated hereon that must remain free of construction

4. Declarant agrees that the lots in this plat document are subject to the Texas Commission on Environmental Quality Optional Enhanced

Agency. As such, the property is subject to compliance with the terms set forth in the May 24, 2000 United States Fish and Wildlife Service

3. Each lot is subject to a floating ten (10) foot wide by thirty (30) foot long guy wire easement as required by PEC.

other obstructions), inspecting, removal, reading of meters, and repair of all overhead and underground lines.

3. Impervious cover shall comply with the water quality plan approved for this subdivision and shall not be altered.

the right to ingress and egress over grantors adjacent land to and from said utility easement.

Memorandum of Understanding with the Lower Colorado River Authority.

WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY NOTES

development, or other alterations.

PLAT NOTES

 This subdivision lies within the Edwards Aquifer Contributing Zone. 2. No portion of this subdivision lies within the boundaries of the Edwards Aquifer Recharge Zone. 3. No portion of this subdivision lies within the boundaries of the 100 year flood plain as delineated on Hays County F.I.R.M. Panel #48209C0107F, dated September 2, 2005.

4. This subdivision lies within the City of Dripping Springs Extra Territorial Jurisdiction and is subject to it's ordinances.

5. This subdivision contains 11 lots for a total of 19.989 acres. Lots less than 2.00 acres: 10

Lots 2.00 to 5.00 acres: 1 Lots 5.00 to 10.00 acres: 0

6. This subdivision lies within the following jurisdictions: Emergency Services District #6 & #1

Dripping Springs Independent School District Hays Trinity Groundwater Conservation District #3

7. Water supply for this subdivision will be provided by West Travis County Public Utility Agency. 8. Wastewater treatment for this subdivision will be provided by individual on-site sewage facilities.

9. Rainwater collection is encouraged and in some areas may offer the best renewable water resource

10. Electricity for this subdivision is provided by Pedernales Electric Cooperative, Inc. 11. Telephone service for this subdivision is provided by Frontier.

12. Driveways shall comply with Chapter 721 of the Hays County Development Regulations, and be

permitted through the Transportation Department of Hays County under Chapter 751. 13. All culverts, when required shall comply with the current Hays County standard.

14. In order to promote safe use of roadways and preserve the conditions of public roadways, no driveway constructed on any lot within this subdivision shall be permitted access onto a publicly dedicated county roadway unless a <u>Driveway Permit</u> has been issued by the appropriate County

15. No lots are to be occupied until OSSF Permitted or public sewer, water and electricity and roads have been provided and construction is completed and approved.

16. Post-development conditions runoff rate shall be no greater than the pre-developed condition for 2, 5, 10, 25, and 100 year storm events, per Hays County Development regulations, chapter 725, subchapter 3.02. Pre and post development runoff calculations shall be included with the construction drawings for this subdivision.

17. Post-Construction Stormwater control measures shall have a maintenance plan. The maintenance plan must be filed in the real property records of Hays County. The owner operator of any new development or redevelopment site shall develop and implement a maintenance plan addressing maintenance requirements for any structural control measures installed on site. Operation and maintenance performed shall be documented and retained and made available for review upon

18. All roadways shall be designed and constructed in accordance with applicable Hays County standards, per Hays County Development regulations, chapter 721, subchapter 5.

19. No object, including buildings, fencing or landscaping which would interfere with conveyance of stormwater, shall be placed or erected within a Drainage Easement. The owner(s) of any lot(s) upon which drainage facilities are located, including detention, shall be responsible for maintenance and upkeep of such facilities.

20. No structure in this subdivision shall be occupied until connected to a public sewer system or to an on-site wastewater system which has been approved and permitted by Hays County.

21. Mailboxes placed within the ROW, shall be of an approved TxDOT or FHWA design.

22. Improvements exist on these lots which are not shown by this plat.

23. There is hereby dedicated a twenty (20) foot wide Public Utility, Drainage, and Embankment/Backslope Easement adjacent to all street right-of-way lines.

24. All bearings and distances shown hereon are based upon the Texas Coordinate System, South

Central Zone (4204), North American Datum 1983, Grid.



TBPLS REGISTRATION #:10193729 www.tritechtx.com TBPE REGISTRATION #: F-18693



This drawing was prepared by TRI-TECH Engineering, LP (TRI-TECH) as an instrument of service, and shall remain the property of TRI-TECH. The information hereon shall be used only by the client to whom the services are rendered and only for the purpose of constructing or installing the work as shown at the designated address. Any other use, including (without limitation) any reproduction or alteration, is strictly prohibited, and the user shall hold harmless and indemnify TRI-TECH from all liabilities which may arise from such unauthorized use. PLANS 9 & 10.00 Ac. IMPROVEME kylight Hills Subdivision

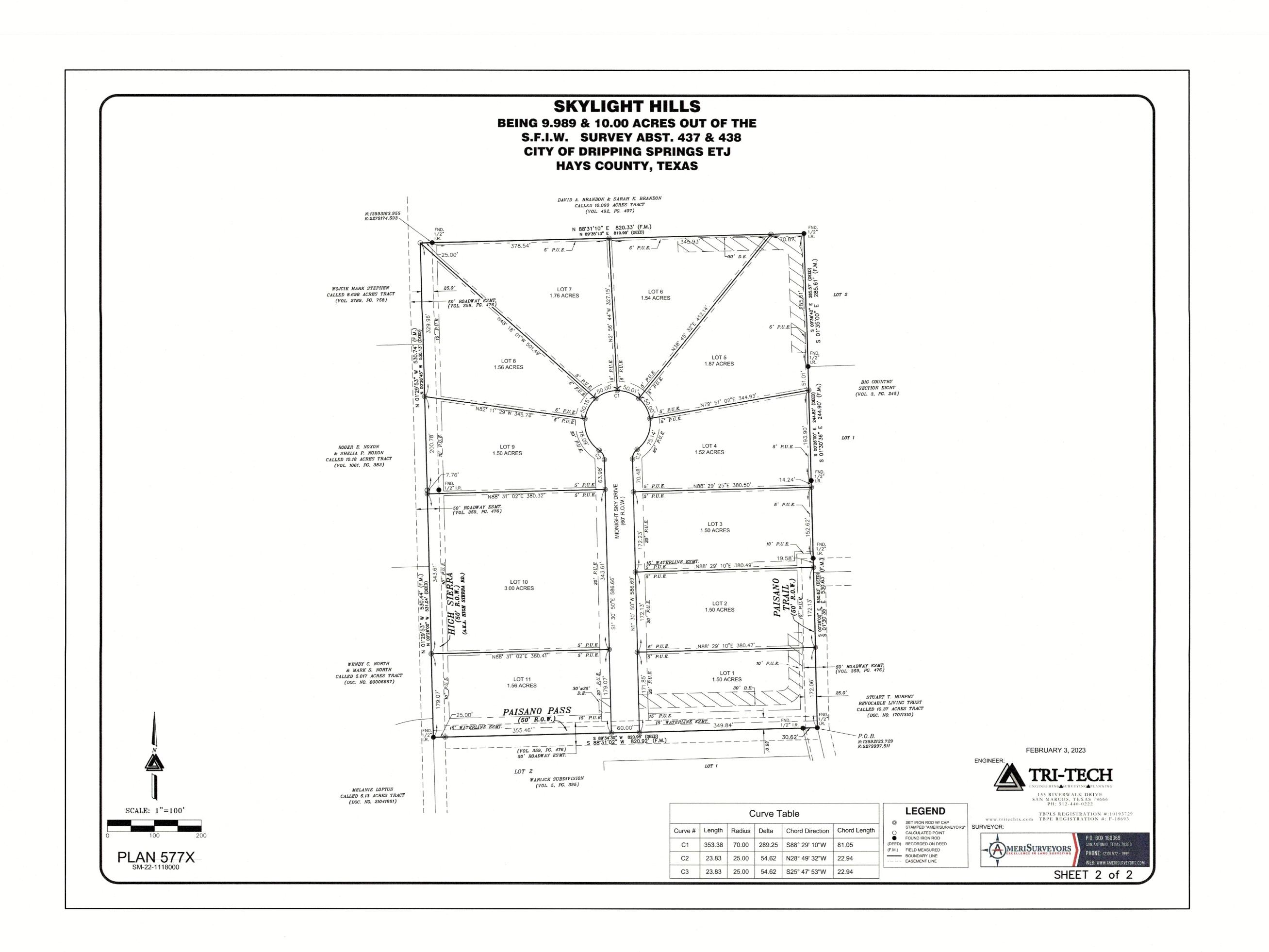
NO REVISION DATE

ALVORIS CARROLL .



PROJ. NO: SM-22-1118 DRAWN BY: ACJ CHECKED BY: ACJ DESIGN BY: ACJ DATE: 02/03/2023 SCALE: N/A

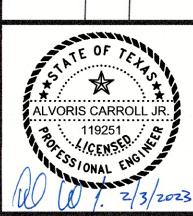
SHEET:



This drawing was prepared by TRI-TECH Engineering, LP (TRI-TECH) as an instrument of service, and shall remain the property of TRI-TECH. The information hereon shall be used

This drawing was prepared by TRI-TECH Engineering, LP (TRI-TECH) as an instrument of service, and shall remain the property of TRI-TECH. The information hereon shall be used only by the client to whom the services are rendered and only for the purpose of constructing or installing the work as shown at the designated address. Any other use, including (without limitation) any reproduction or alteration, is strictly prohibited, and the user shall hold harmless and indemnify TRI-TECH from all liabilities which may arise from such unauthorized use.

IMPROVEMENT PLANS
sylight Hills Subdivision (9.989 & 10.00 Ac.)
13001 HIGH SIERRA
CITY OF AUSTIN



TRI-TECH

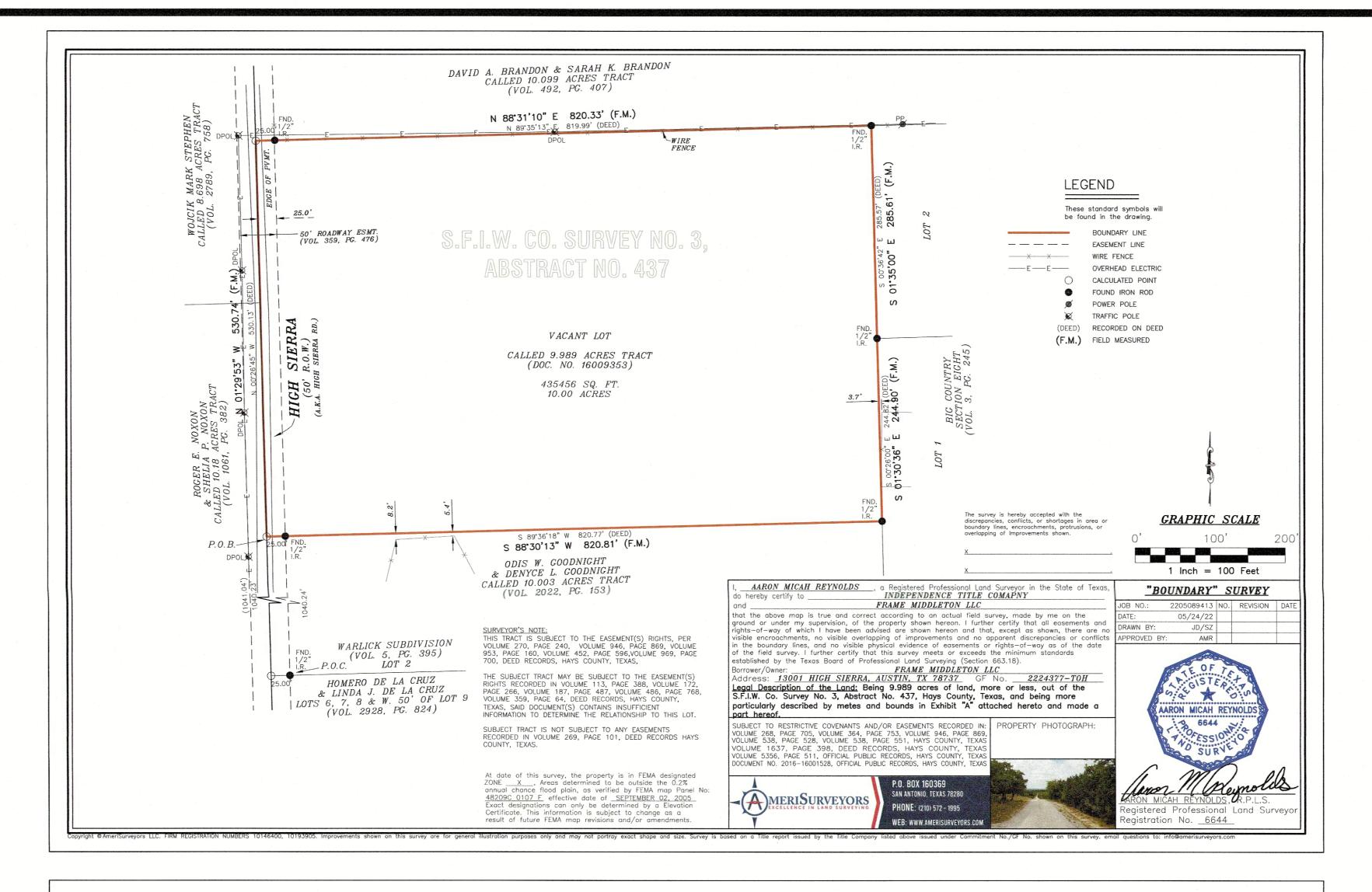
BNGINBERING, L.P.
155 RIVERWALK DRIVE
SAN MARCOS, TEXAS 78666
PH: 512-440-0222

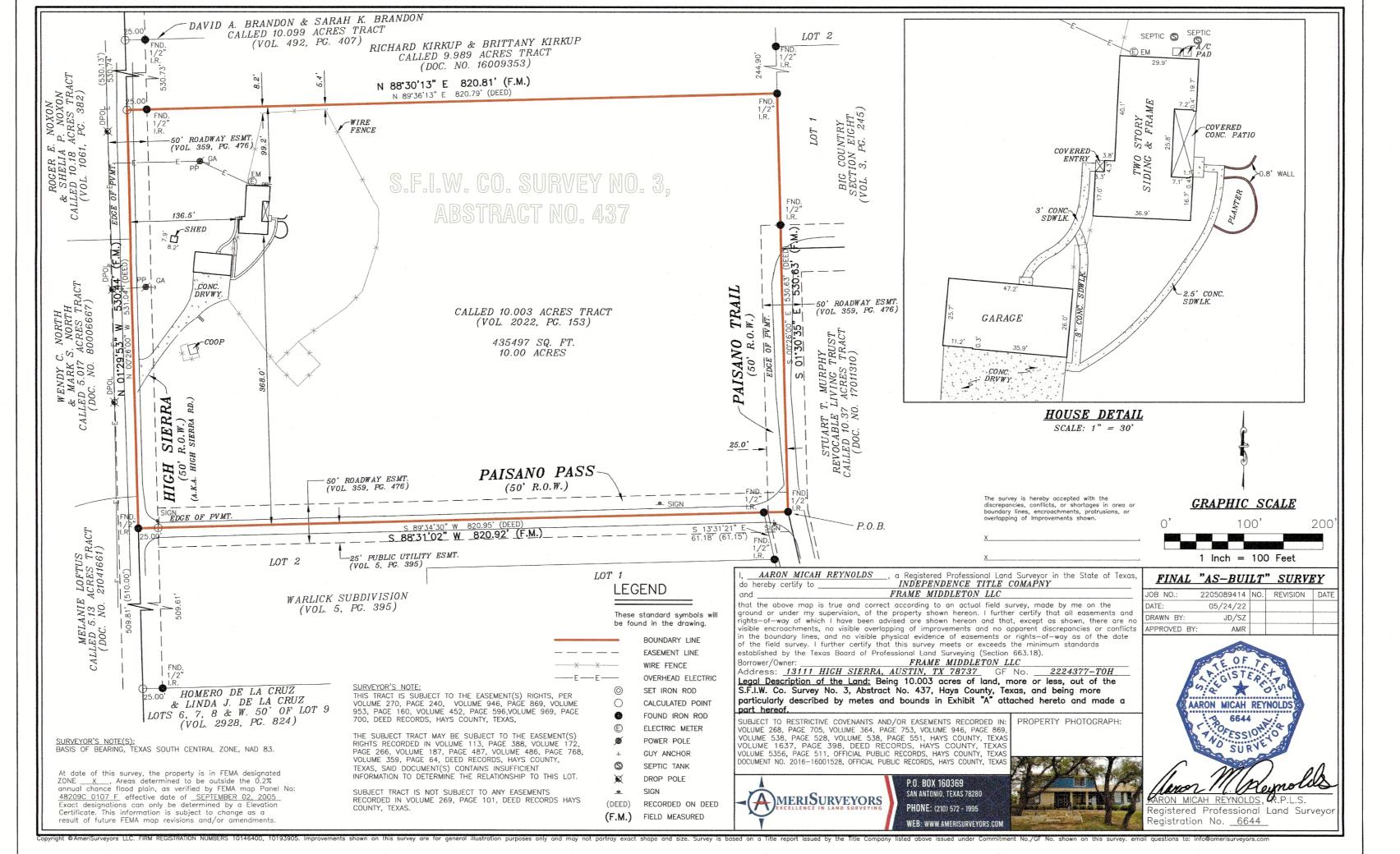


PROJ. NO: SM-22-1118
DRAWN BY: ACJ
CHECKED BY: ACJ

DESIGN BY: ACJ
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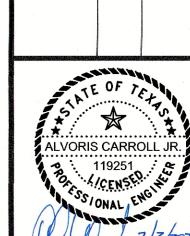
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NO REVISION DATE

IMPROVEMENT PLANS
ylight Hills Subdivision (9.989 & 10.00 Ac.)
13001 HIGH SIERRA

from such unauthorized use.

13001 HIGH SIERRA CITY OF AUSTIN TRAVIS COUNTY, TEX



TRI-TECH

BNGINBERING, L.P.

155 RIVERWALK DRIVE
SAN MARCOS, TEXAS 78666

ENG SAN P

PROJ. NO: SM-22-1118

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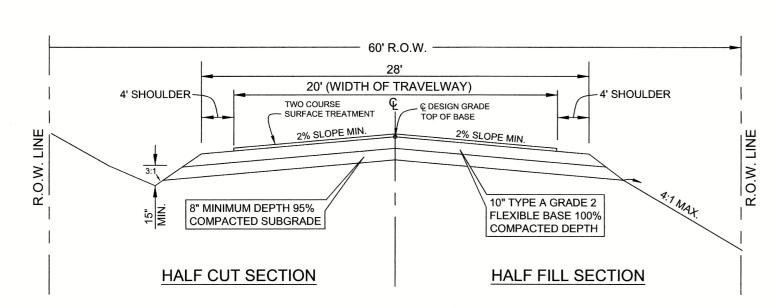
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## HAYS COUNTY LOCAL ROADWAY TYPICAL PAVEMENT CROSS-SECTION

### Pavement Design Notes:

Street Classification	Subgrade Material	Hot Mix Aspholtic Concrete, in	Crushed Limeston Base, in	Two Subgrade Improvements
Local	More than 2 feet of expansive subgrade PI>35	2	8	Χ*
Streets	Less than 2 feet of expansive subgrade PI>35	2	8	-

\*Where more than 2 feet of expansive subgrade exists after rough cut of the streets, two of the following options must be employed. This is a requirement of the Hays County Standard Specifications.

Option 1: Place a minimum of 18 inches of low PI (PI < 20) material below the crushed limestone base.

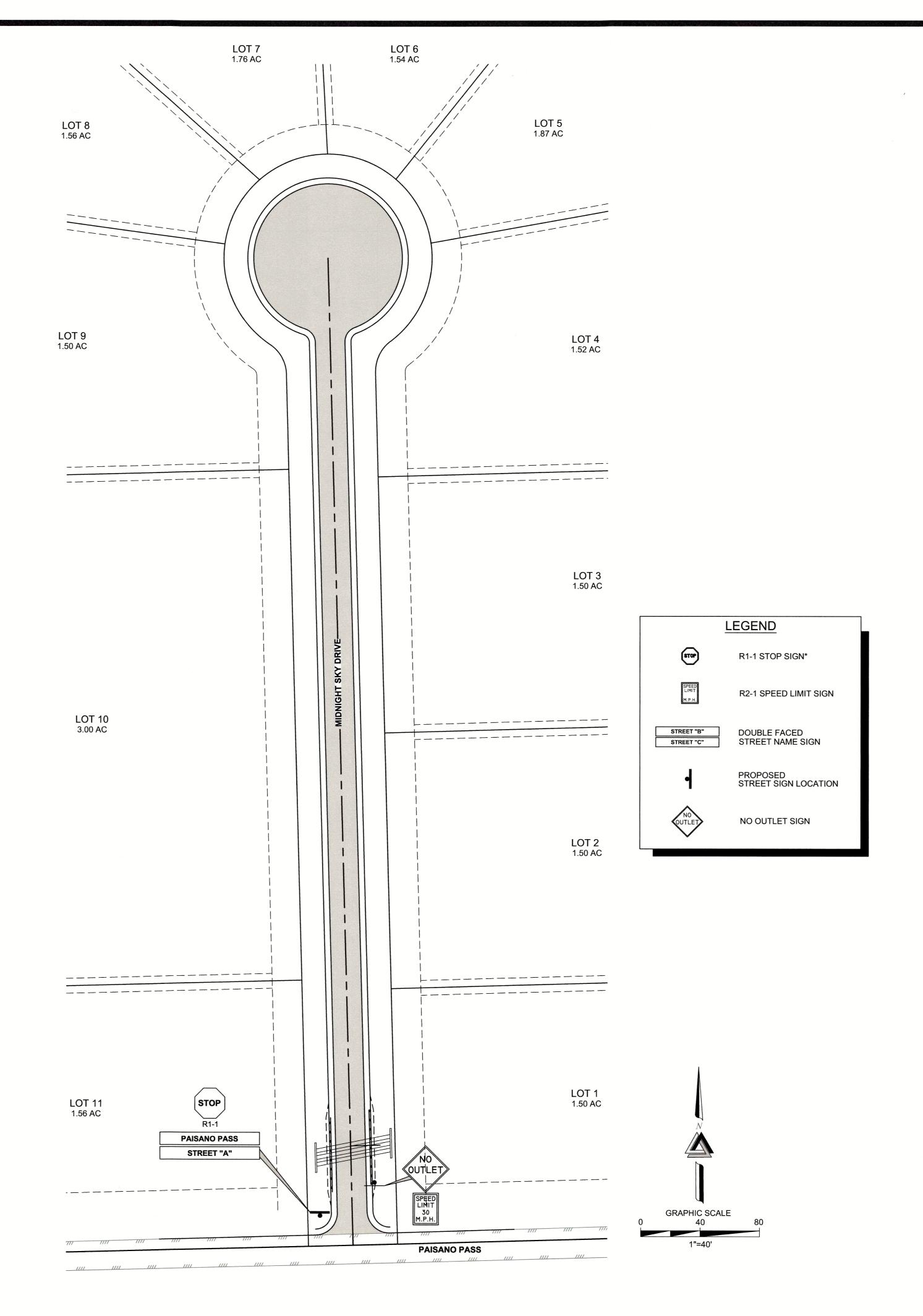
Option 2: A single layer of Tensar TX130S geogrid, or equivalent approved by the Geotechnical Engineer, should be placed below the crushed limestone base layer.

Option 3: A moisture barrier should extend vertically from the back of the curb a minimum of 24 inches in accordance with the Hays County detail.

Option 4: Lime stabilize a minimum of 8 inches of the subgrade below the crushed limestone base. The surface clay must first be tested for sulfate reaction and a mix design should be completed to determine the proper lime content, lime type, mixing procedure and

curing conditions required. Delineation between these different pavement thickness sections should be completed in the

- field by observation of open utilities trenches and the pavement subgrade by the Geotechnical Engineer of his designate. Given the known variability of surface soils at this site, the geotechnical engineer must verify the subgrade before installation of the pavement system can proceed. Multiple site visits may be required depending upon the construction schedule. Finalized distinction between pavement thickness section options shall be provided as addendums to this report as these observations are completed. Please contact the geotechnical engineer when the utility trenches are
- Any expansive fill (PI > 35) placed in the subgrade shall be considered expansive subgrade.
- The subgrade improvements (low plasticity sub-base, lime, and geogrid) should be extended 3 feet beyond the back of the curb line for expansive subgrades (PI > 35).
- 5. These pavement thickness designs are intended to transfer the load from the anticipated traffic
- The responsibility of assigning street classification to the streets in this project is left to the civil
- 7. If pavement designs other than those listed above are desired, please contact MLA Geotechnical.



OVERALL PAVING AND DRAINAGE LAYOUT & SIGNAGE PLAN

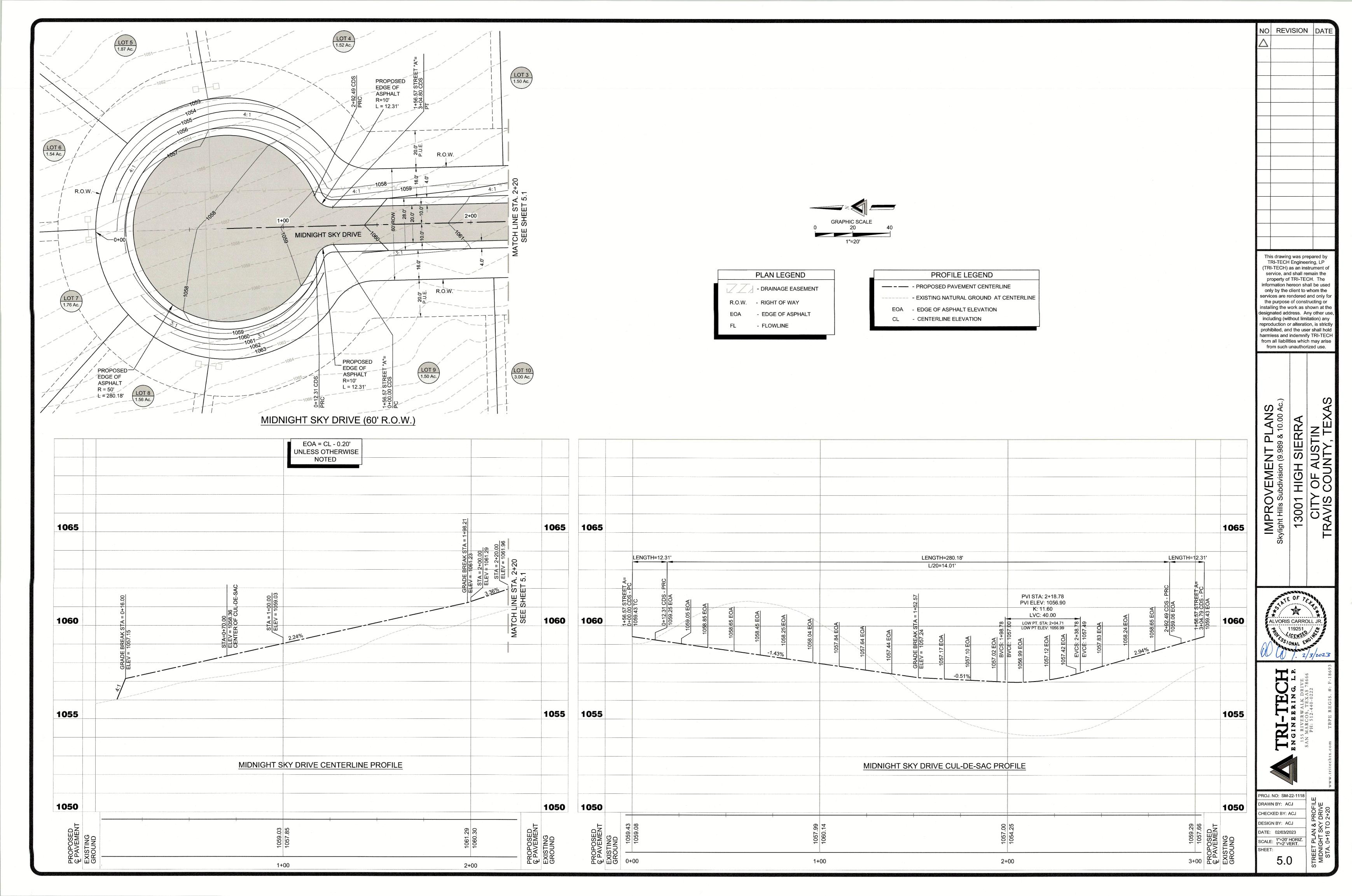
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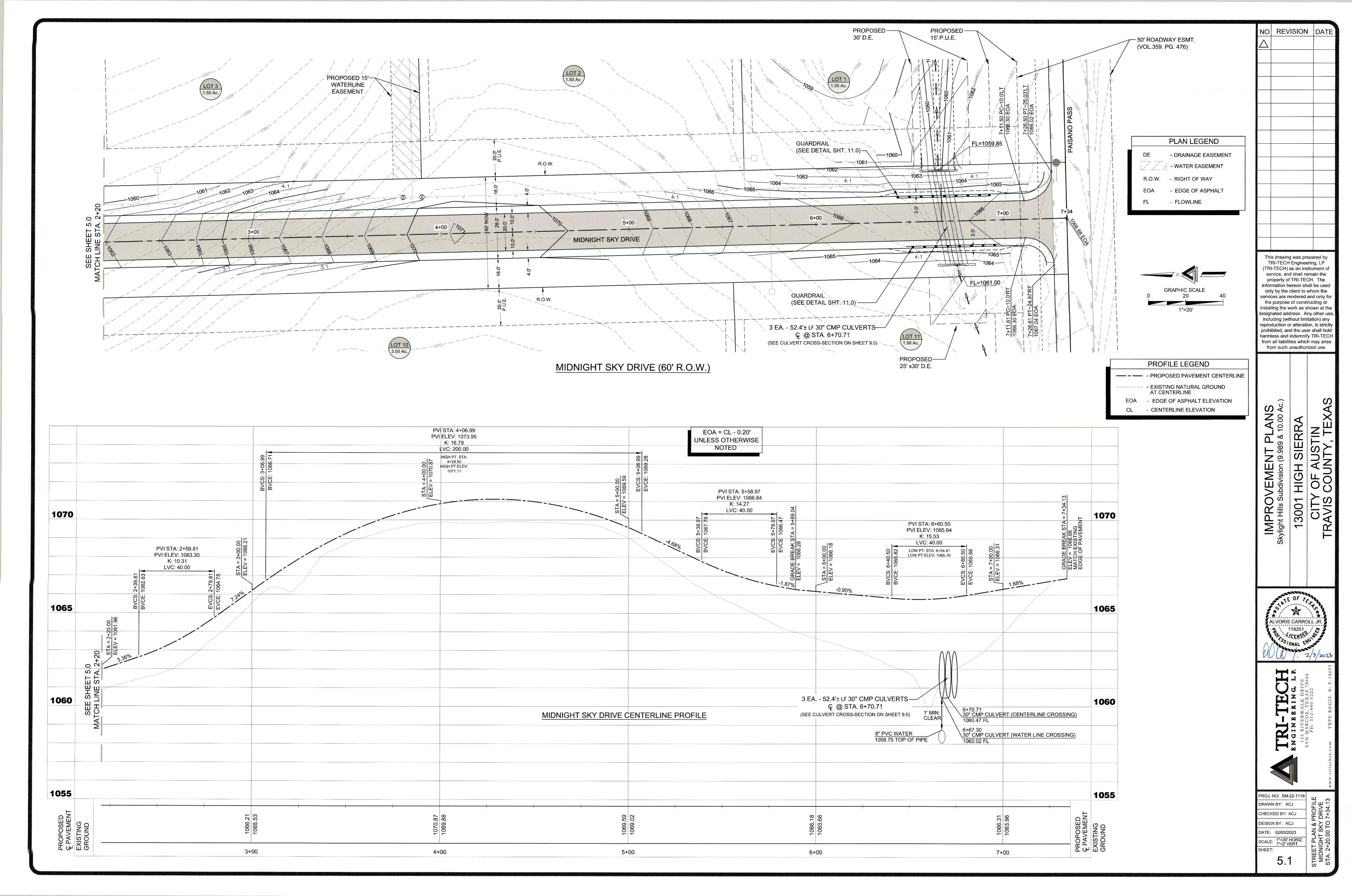
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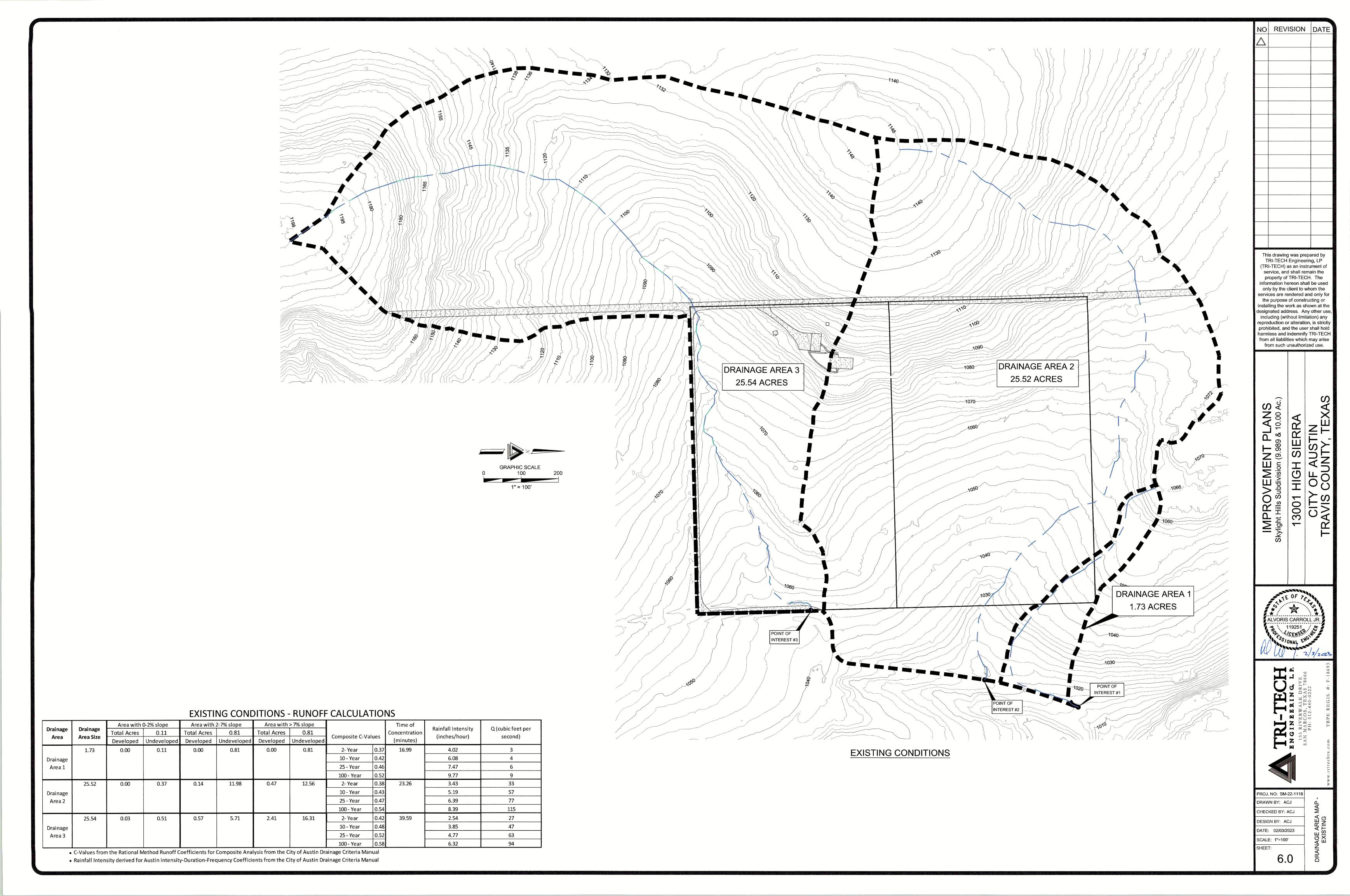
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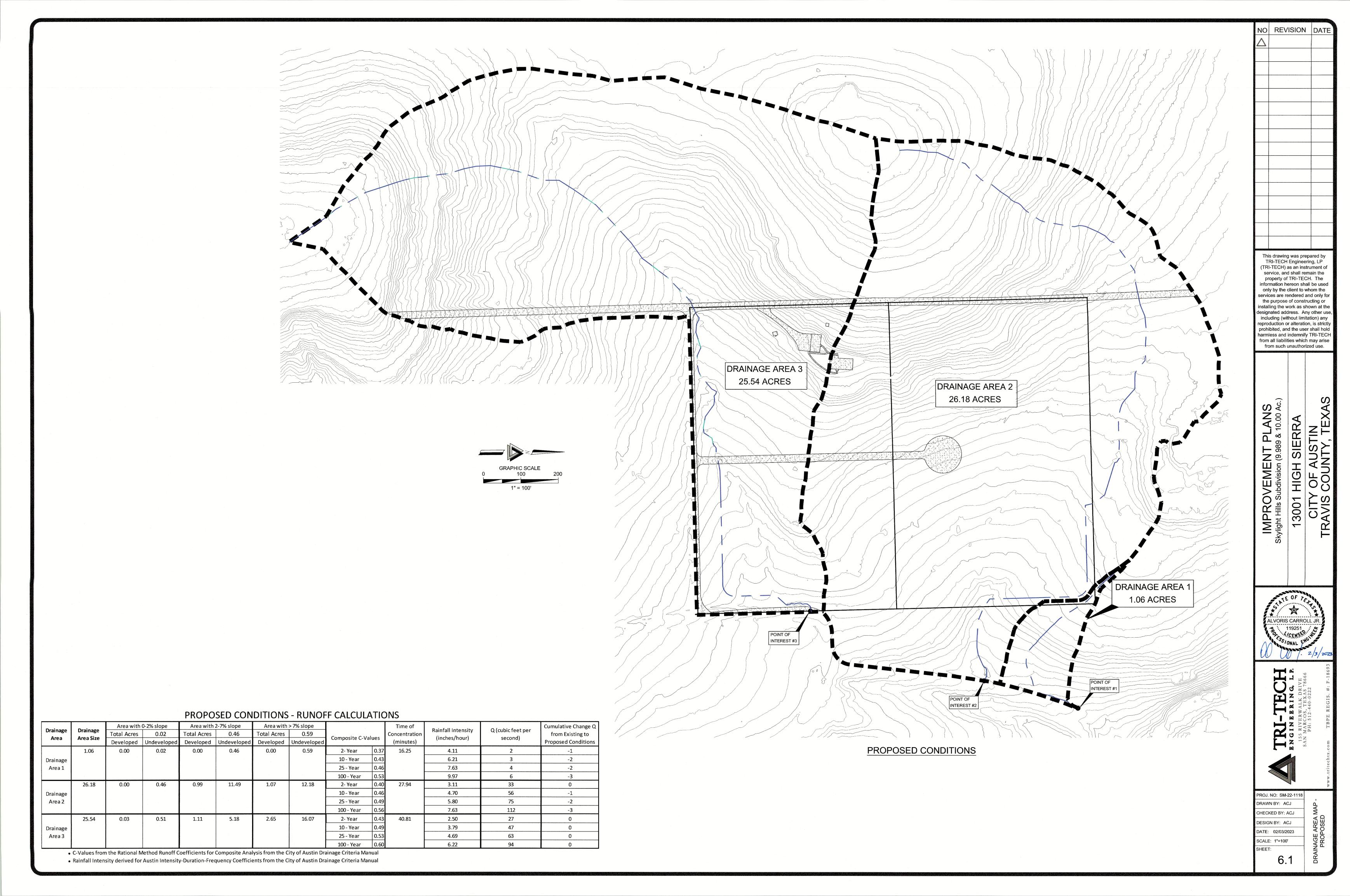


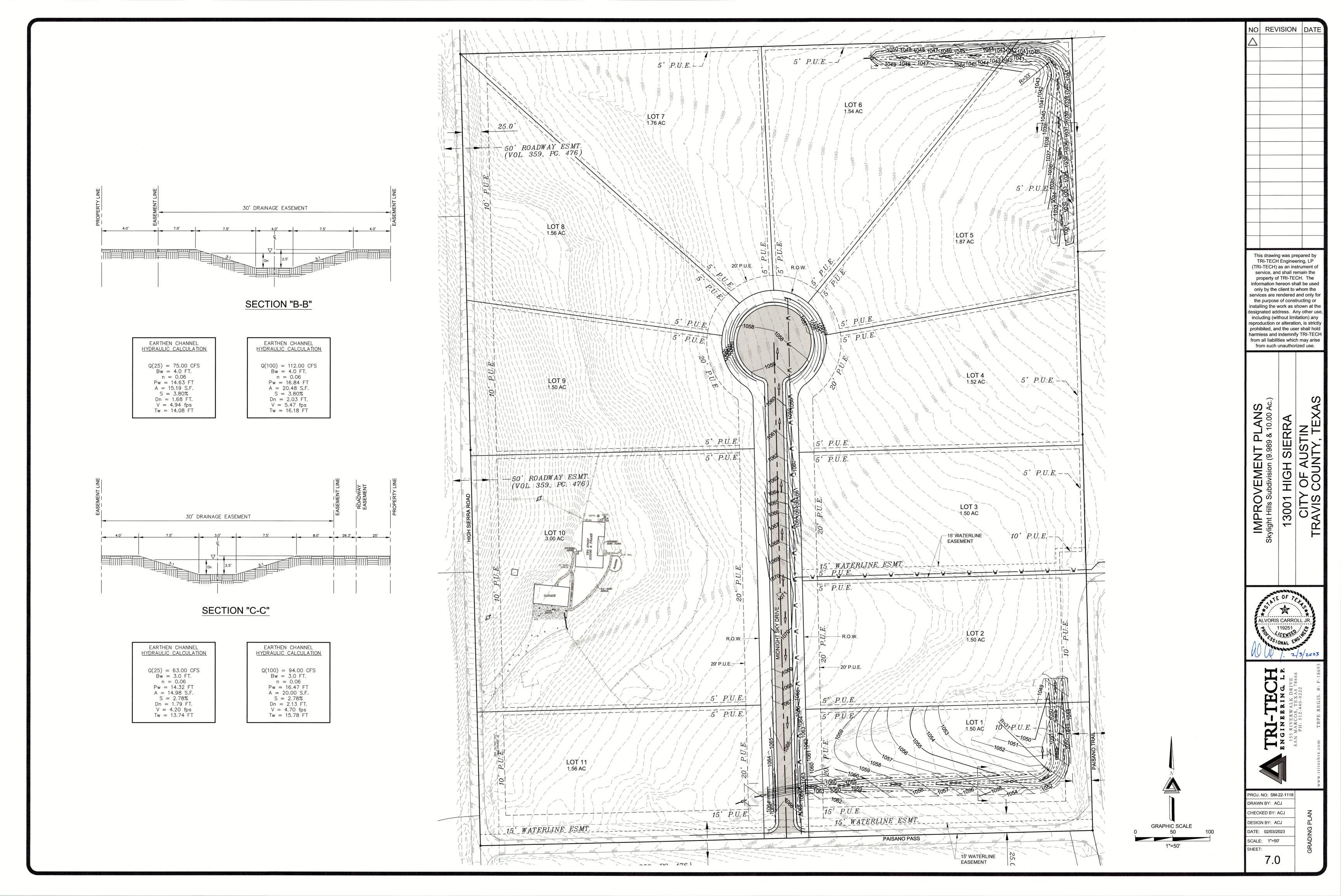
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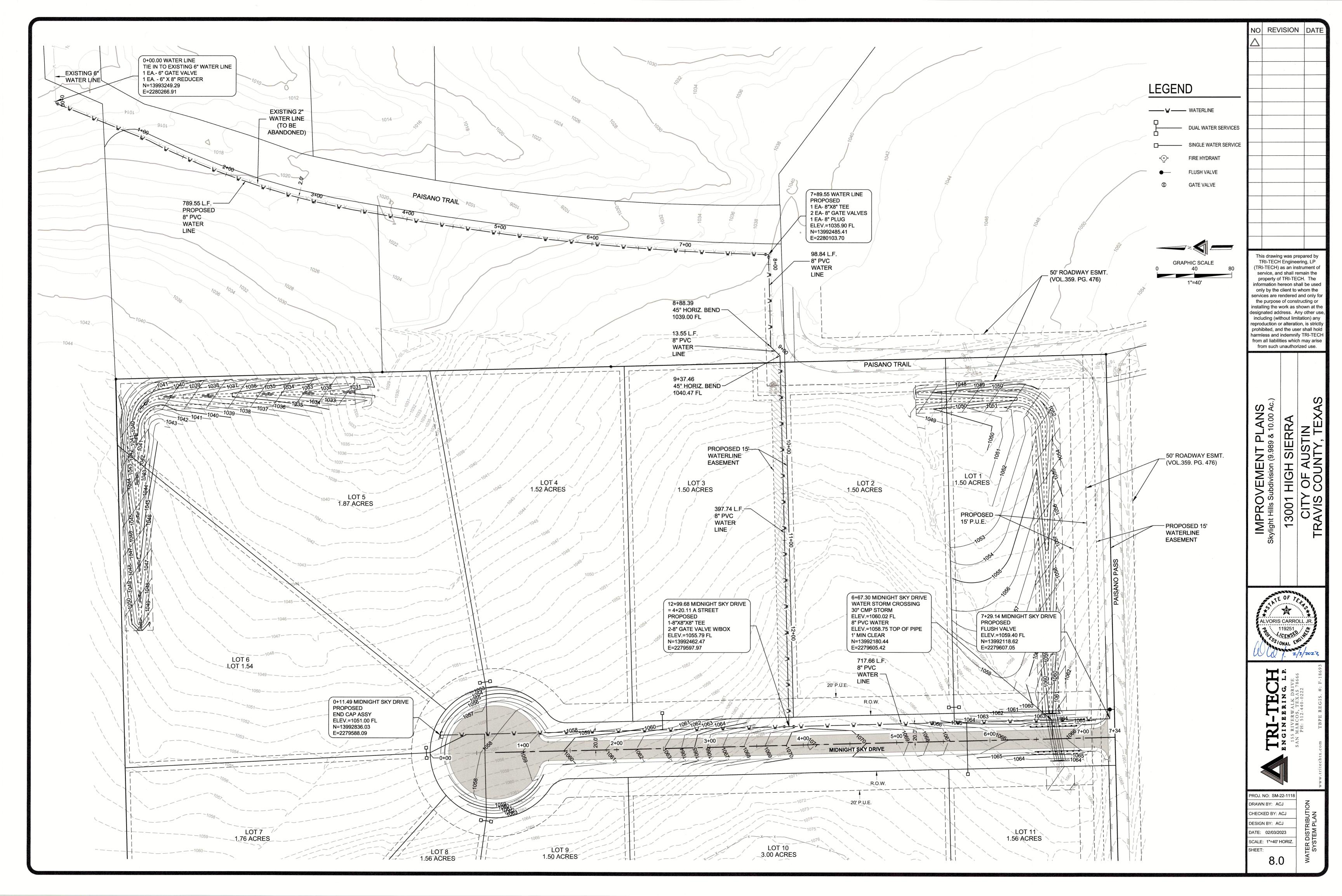


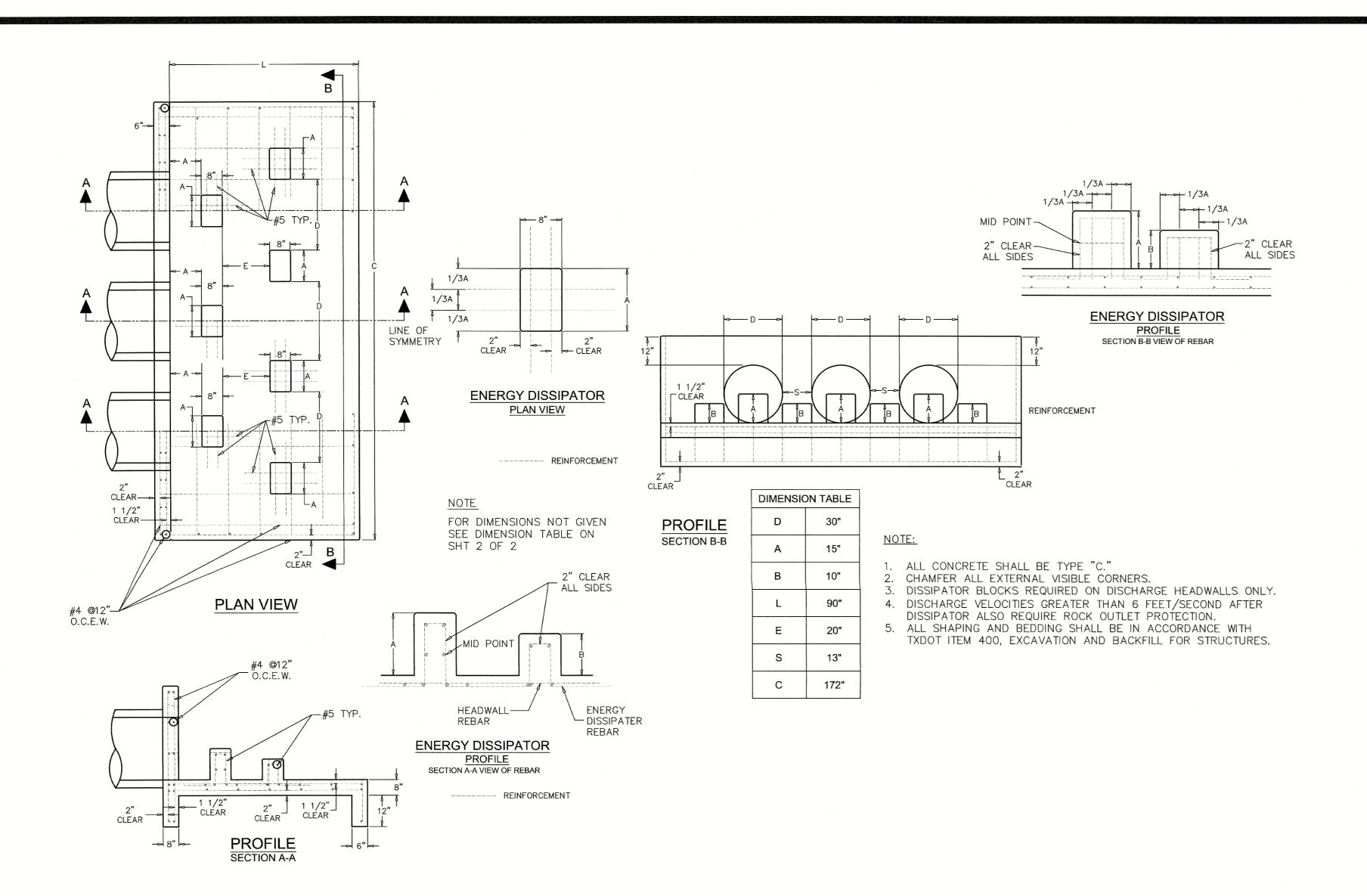




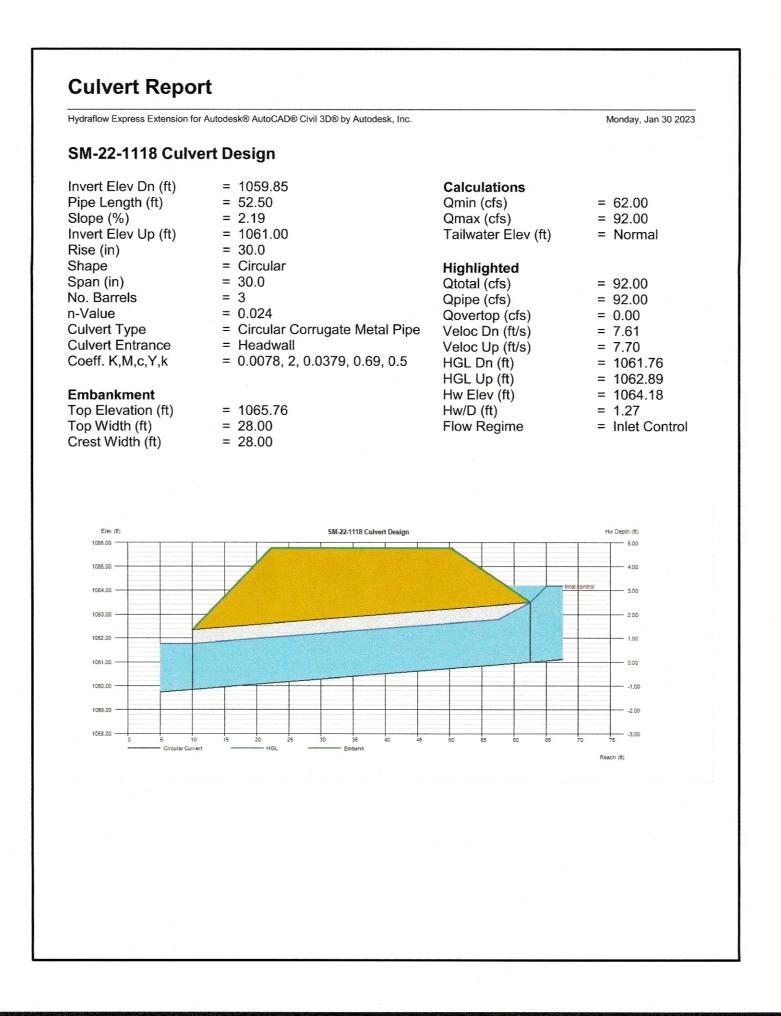




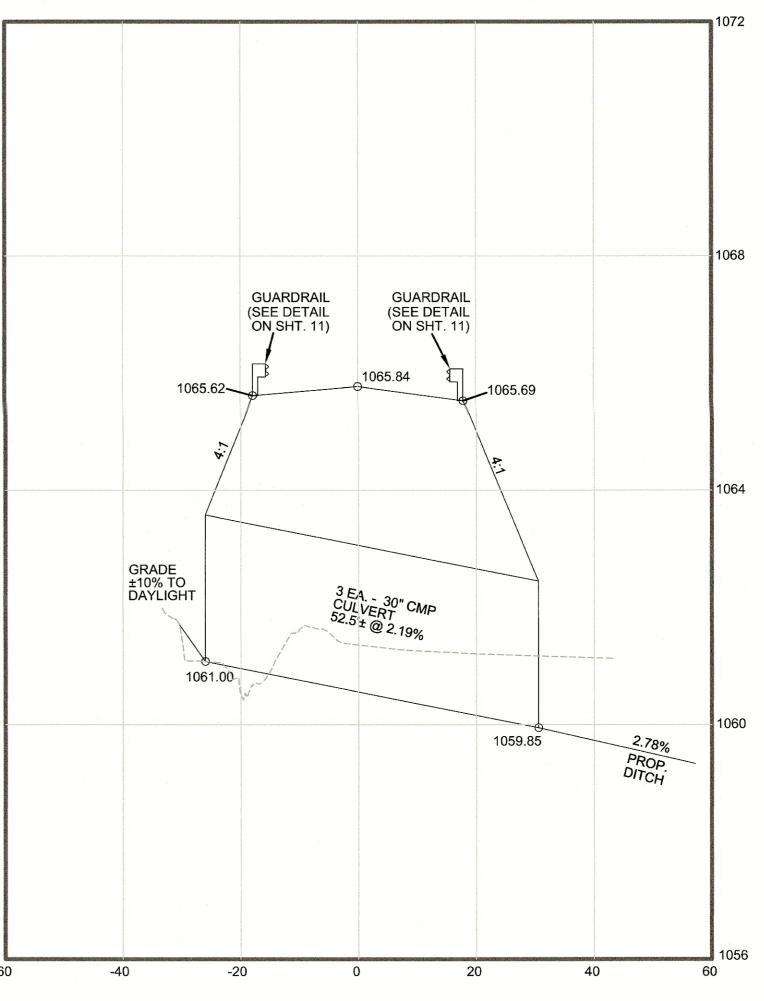




	for Autodesk® AutoCAD® Civil 3D® by Autodesk, Inc.		Monday, Jan 30 2023
6M-22-1118 Cul	vert Design		
nvert Elev Dn (ft)	= 1059.85	Calculations	
ipe Length (ft)	= 52.50	Qmin (cfs)	= 62.00
lope (%)	= 2.19	Qmax (cfs)	= 92.00
nvert Elev Up (ft)		Tailwater Elev (ft)	= Normal
Rise (in)	= 30.0		
hape	= Circular	Highlighted	
pan (in)	= 30.0	Qtotal (cfs)	= 62.00
lo. Barrels	= 3	Qpipe (cfs)	= 62.00
-Value	= 0.024	Qovertop (cfs)	= 0.00
ulvert Type	= Circular Corrugate Metal Pipe	Veloc Dn (ft/s)	= 7.08
ulvert Entrance	= Headwall	Veloc Up (ft/s)	
coeff. K,M,c,Y,k	= 0.0078, 2, 0.0379, 0.69, 0.5	HGL Dn (ft)	= 1061.29
		HGL Up (ft)	= 1062.54
mbankment	1005 70	Hw Elev (ft)	= 1063.31
op Elevation (ft)	= 1065.76	Hw/D (ft)	= 0.92 = Inlet Control
op Width (ft) Crest Width (ft)	= 28.00 = 28.00	Flow Regime	- Inlet Control
Elev (ft) 1066.00	SM-22-1118 Culvert Design		Hw Depth (ft) 5.00
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Circular C			Reach (ft)



### CROSS-SECTION - CORRUGATED METAL PIPE CULVERT C @ STA. 6+70.71



- 3 Barrel 30" CMP Culvert
- For Safety End Treatments See Typical Concrete Rip-Rap detail on this sheet



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- WTCPUA WATER & WASTEWATER GENERAL CONSTRUCTION NOTES
- 1. ALL CONSTRUCTION OPERATIONS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH APPLICABLE STATE STATUTES AND U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REGULATIONS (0.S.H.A.). COPIES OF O.S.H.A. STANDARDS MAY BE PURCHASED FROM THE U.S. GOVERNMENT PRINTING OFFICE. INFORMATION AND RELATED REFERENCE MATERIALS MAY BE OBTAINED FROM O.S.H.A. AUSTIN AREA OFFICE - LA COSTA GREEN BLDG 1033, LA POSADA DR, SUITE 375, AUSTIN, TEXAS 78752-3832, 512- 374-0271.
- 2. THE ATTENTION OF THE CONTRACTOR IS DIRECTED TO THE CITY OF AUSTIN STANDARD SPECIFICATIONS AND TO THE STATE LAW, (VERNON'S ANNOTATED TEXAS STATUTES, ARTICLE 1436 ©) AND THE NEED FOR EFFECTIVE PRECAUTIONARY MEASURES WHEN OPERATING IN THE VICINITY OF ELECTRICAL LINES. THE CONTRACTOR IS RESPONSIBLE FOR ALL SAFETY REQUIREMENTS, AND FOR COORDINATION OF ALL WORK WITH THE APPROPRIATE ELECTRIC UTILITY COMPANY.
- 3. THE CONTRACTOR SHALL CONTACT THE ONE-CALL BOARD OF TEXAS AT 811 OR 1-800-545-6005 FOR EXISTING UTILITY LOCATIONS PRIOR TO ANY EXCAVATION. THE LOCATION AND TYPE OF UTILITIES AND UNDERGROUND FACILITIES SHOWN ON THESE PLANS ARE NOT GUARANTEED TO BE ACCURATE OR ALL%%2INCLUSIVE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND PROTECT ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL DEPTHS AND LOCATIONS OF EXISTING UTILITIES PRIOR TO ANY CONSTRUCTION. IN ADDITIONAL TO NORMAL PRECAUTIONS WHEN EXCAVATING, USE EXTRA CAUTION WHEN EXCAVATING WITHIN 25 FEET OF ANY UTILITIES SHOWN ON THE PLANS.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION BETWEEN HIMSELF AND OTHER CONTRACTORS AND UTILITIES IN THE VICINITY OF THE PROJECT. THIS INCLUDES ALL WATER, WASTEWATER, GAS, ELECTRICAL, TELEPHONE, CABLE TELEVISION, AND STREET AND DRAINAGE WORK. ONCE THE CONTRACTOR BECOMES AWARE OF A POSSIBLE CONFLICT, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER AND WTCPUA INSPECTOR WITHIN TWENTY-FOUR (24) HOURS.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSING OF ALL SPOIL MATERIAL FROM THE CONSTRUCTION ALL SPOILS MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR AT AN APPROVED SPOIL SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND SECURING A PERMIT FOR THE SITE. THE CONTRACTOR SHALL NOTIFY THE WTCPUA INSPECTOR AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO DISPOSAL OF THE MATERIAL. NO SPOILS ARE TO REMAIN OVERNIGHT IN THE FLOODPLAIN.
- NO BLASTING OR BURNING WILL BE ALLOWED.
- 7. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR, AT HIS EXPENSE, ALL UTILITIES, PAVEMENT, CURB, FENCES OR ANY OTHER ITEMS DAMAGED DURING CONSTRUCTION REGARDLESS OF WHETHER THESE ITEMS ARE SHOWN ON THE CONSTRUCTION PLANS.
- WHENEVER EXISTING UTILITIES, INDICATED OR NOT ON PLANS, PRESENT OBSTRUCTIONS TO GRADE AND/OR ALIGNMENT OF PROPOSED PIPE, CONTRACTOR IS TO IMMEDIATELY NOTIFY THE ENGINEER WHO WILL DETERMINE IF EXISTING IMPROVEMENTS ARE TO BE RELOCATED OR IF THE GRADE AND/OR ALIGNMENT OF PROPOSED PIPE IS TO BE CHANGED.
- 9. DUST PREVENTION SHALL BE PROVIDED BY THE CONTRACTOR AT HIS OWN EXPENSE. DUST CONTROL SHALL INCLUDE SPRAYING OF WATER ON ALL DISTURBED AREAS, SPOIL PILES, OR HAUL MATERIALS ASSOCIATED WITH THE PROJECT OR OTHER METHODS APPROVED BY THE WTCPUA.
- 10. CLEANUP UPON COMPLETION AND BEFORE MAKING APPLICATION FOR ACCEPTANCE OF THE WORK, THE CONTRACTOR SHALL CLEAN ALL STREETS AND ALL GROUND OCCUPIED BY HIM IN CONNECTION WITH THE WORK OF ALL RUBBISH, EXCESS MATERIALS, EXCESS EXCAVATED MATERIALS, TEMPORARY STRUCTURES AND EQUIPMENT. ALL PARTS OF THE WORK SHALL BE LEFT IN A NEAT AND PRESENTABLE CONDITION SATISFACTORY TO THE WTCPUA AND OTHER GOVERNMENTAL BODIES HAVING JURISDICTION PRIOR TO SUBMITTAL OF THE FINAL PAYMENT.
- 11. THE CONTRACTOR SHALL MAINTAIN ACCESS TO BUSINESSES AND RESIDENCES AT ALL TIMES. THE CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNERS TO MINIMIZE DISRUPTION OF DELIVERIES, PARKING, AND OTHER ACTIVITIES.
- 12. DEWATERING, IF NECESSARY, SHALL BE CONSIDERED INCIDENTAL TO THE WORK AND SHALL NOT CONSTITUTE A BASIS FOR ADDITIONAL PAYMENT.
- 13. THE MINIMUM DEPTH OF COVER FROM TOP OF PIPE TO FINISHED GRADE FOR ALL WATER LINES SHALL BE FOUR INSTALL LINES TO AVOID HIGH POINTS.
- 14. CONCRETE SHALL BE CLASS 'A' WITH A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 3,000 PSI, UNLESS OTHERWISE NOTED.
- 15. REINFORCING STEEL SHALL BE ASTM A 615M, GRADE 60 UNLESS OTHERWISE NOTED.
- 16. ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED IN REVIEWING THESE PLANS, THE WTCPUA MUST RELY ON THE ADEQUACY OF THE DESIGN ENGINEER. APPROVAL OF THESE PLANS BY THE WTCPUA DOES NOT RELEASE THE DESIGN ENGINEER OF THESE RESPONSIBILITIES.

### WEST TRAVIS COUNTY PUA WATER AND WASTEWATER UTILITY NOTES

- WEST TRAVIS COUNTY PUA IS THE WATER AND / OR WASTEWATER SERVICE PROVIDER FOR THIS PROJECT. A PRE-CONSTRUCTION MEETING WITH THE WTCPUA SHALL BE HELD PRIOR TO COMMENCEMENT OF CONSTRUCTION TO SCHEDULE INSPECTION OF INSTALLATION OF WATER/WASTEWATER FACILITIES. WATER FACILITIES WILL BE INSPECTED UP TO, AND INCLUDING, THE WATER METER AND/OR FIRE HYDRANTS. THE CONTACT NUMBER FOR WTCPUA IS (512)
- 2. THE CITY OF AUSTIN STANDARD SPECIFICATIONS AND STANDARD DETAILS CURRENT AT THE TIME OF CONSTRUCTION SHALL GOVERN MATERIALS AND METHODS USED TO PERFORM THIS WORK. CITY OF AUSTIN SPECIFICATIONS AND STANDARD DETAILS ARE AVAILABLE AT HTTPS://LIBRARY.MUNICODE.COM/TX/AUSTIN/CODES/
- CONTRACTOR SHALL OBTAIN ALL APPROVALS AND PERMITS, INCLUDING BUT NOT LIMITED TO STREET/DRIVEWAY CUT AND UTILITY CUT PERMITS FROM THE APPROPRIATE GOVERNMENTAL AGENCY BEFORE BEGINNING CONSTRUCTION WITHIN THE RIGHT-OF-WAY OF A PUBLIC STREET OR ALLEY.
- 4. THE WTCPUA SHALL BE CONTACTED AT (512) 263-0100 AT LEAST 48 HOURS BEFORE CONNECTING TO THEIR EXISTING WATER AND/OR WASTEWATER FACILITIES.
- 5. THE CONTRACTOR SHALL CONTACT THE AUSTIN AREA "ONE CALL" SYSTEM AT 811 OR 1-800-545-6005 FOR EXISTING UTILITY LOCATIONS PRIOR TO ANY EXCAVATION. IN ADVANCE OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES TO BE EXTENDED, TIED TO, OR ALTERED, OR SUBJECT TO DAMAGE/INCONVENIENCE BY THE CONSTRUCTION OPERATIONS.
- 6. NO OTHER UTILITY SERVICE/APPURTENANCES SHALL BE PLACED NEAR THE PROPERTY LINE, OR OTHER ASSIGNED LOCATION DESIGNATED FOR WATER AND WASTEWATER UTILITY SERVICE THAT WOULD INTERFERE WITHTHEWATERAND/ORWASTEWATERSERVICES.
- 7. WHERE WATER LINES AND SEWER LINE ARE INSTALLED WITH A SEPARATION DISTANCE CLOSER THAN NINE FEET WATER LINES CROSSING WASTEWATER LINES, WATER LINES PARALLELING WASTEWATER LINES, OR WATER LINES NEXT TO MANHOLES) THE INSTALLATION MUST MEETTHE REQUIREMENTS OF 30 TAC §217.53(D) (PIPE DESIGN) AND 30 TAC §290.44(E) (WATER DISTRIBUTION). ANY DEVIATION THESE STANDARDS SHALL REQUIRE A VARIANCE APPROVED BY TCEQ BEFORE SUBMITTING PIPING ASSIGNMENTS TO THE WTCPUA.
- 8. THE CITY OF AUSTIN SPECIFICATION ITEM 509S WILL BE REQUIRED AS A MINIMUM TRENCH SAFETY MEASURE. CONTRACT DOCUMENTS, WHICH INCLUDE A TRENCH SAFETY PLAN SIGNED AND SEALED BY A TEXAS PROFESSIONAL ENGINEER AND A PAY ITEM FOR TRENCH SAFETY MEASURES, IN COMPLIANCE WITH OSHA, STATE, COUNTY, AND CITY REQUIREMENTS BEFORE BEGINNING WORK ON THE PROJECT.
- 9. ALL MATERIAL TESTS, INCLUDING SOIL DENSITY TESTS AND RELATED SOIL ANALYSIS, SHALL BE ACCOMPLISHED BY AN INDEPENDENT LABORATORY FUNDED BY THE OWNER IN ACCORDANCE WITH CITY OF AUSTIN STANDARD SPECIFICATION ITEM 1804S.4.
- 10. CONNECTIONS TO EXISTING WTCPUA WATER LINES SHALL BE MADE BY CUT-IN TEES IN ACCORDANCE WITH CITY OF AUSTIN STANDARD SPECIFICATION ITEM 510.3(24). ISOLATION VALVES SHALL BE INSTALLED ON THE ENDS OF THE CUT-IN TEE, AS NECESSARY. A SHUT-OUT VALVE PLAN SHALL BE PROVIDED SHOWING THE LOCATION OF EXISTING GATE VALVES IN THE VICINITY OF THE CONNECTION. THE SHUT-OUT PLAN SHALL IDENTIFY ALL AFFECTED PROPERTY CONTRACTOR SHALL PERFORM ALL WORK AND SHALL FURNISH ALL MATERIALS, INCLUDING DRAINING AND CUTTING INTO EXISTING PIPING AND CONNECTING A NEW PIPELINE OR OTHER EXTENSION INTO THE EXISTING PRESSURE PIPING. FORMING AN ADDITION TO THE POTABLE WATER TRANSMISSION AND DISTRIBUTION NETWORK AND PERFORMING NECESSARY SHUTOFFS. CONTRACTOR SHALL SCHEDULE ALL SUCH CONNECTIONS IN ADVANCE AND SUCH SCHEDULE SHALL BE APPROVED BY THE WTCPUA BEFORE BEGINNING THE WORK. AT LEAST 48 HOURS NOTICE SHALL BE GIVEN TO THE WTCPUA PRIOR TO MAKING THE CONNECTION, AND A REPRESENTATIVE FROM THE WTCPUA SHALL BE PRESENT WHEN THE CONNECTION IS MADE. PRESSURE TAPS MAY BE APPROVED ON A CASE-BY-CASE BASIS. "SIZE ON SIZE" TAPS WILL NOT BE PERMITTED. WHEN APPROVED, ANY TAPS SHALL BE MADE BY USE OF AND APPROVED FULL CIRCLE, GASKETED CAST IRON OR DUCTILE IRON TAPPING SLEEVE. CONCRETE BLOCKING SHALL BE PLACED BEHIND AND UNDER ALL TAP SLEEVES PRIOR TO MAKING THE PRESSURE TAP AND THE USE OF PRECAST BLOCKS MAY BE USED TO HOLD THE TAP IN ITS CORRECTION POSITION PRIOR TO BLOCKING. THE BLOCKING BEHIND AND UNDER THE TAP SHALL HAVE A MINIMUM OF 24 HOURS CURING TIME BEFORE THE VALVE CAN BE REOPENED FOR SERVICE FROM THAT TAP. THE CONTRACTOR SHALL NOTIFY THE WTCPUA INSPECTOR A MINIMUM OF SEVENTY-TWO (72) HOURS IN ADVANCE FOR THE WTCPUA TO NOTIFY THE AFFECTED CUSTOMERS. THE WTCPUA SHALL BE PRESENT WHILE ALL WORK IS PERFORMED TO MAKE THE CONNECTION.
- 11. THRUST RESTRAINT SHALL BE BY METAL THRUST RESTRAINTS IN ACCORDANCE WITH CITY OF AUSTIN STANDARD SPECIFICATION ITEM 510.3(22).
- 12. FIRE HYDRANTS SHALL BE SET IN ACCORDANCE WITH CITY OF STANDARD SPECIFICATION ITEM 51LS.3 E AND SHALL BE APPROVED FIRE DEPARTMENT OR OTHER APPROPRIATE PARTY PRIOR TO INSTALLATION. FIRE HYDRANTS ON MAINS UNDER CONSTRUCTION SHALL BE SECURELY WRAPPED WITH A POLY WRAP BAG AND TAPED INTO PLACE. THE POLY WRAP WILL BE REMOVED WHEN THE MAINS ARE ACCEPTED AND PLACED IN SERVICE. FIRE HYDRANTS THAT ARE TO BE USED AS DRAIN HYDRANTS SHALL BE PAINTED SILVER W/ BLUE CAPS PRIOR TO ACCEPTANCE. WHERE STORZ ADAPTORS ARE REQUIRED (HAYS COUNTY), FIRE HYDRANTS SHALL BE MANUFACTURED WITH INTEGRAL STORZ ADAPTORS.
- 13. WATER LINE TESTING AND STERILIZATION SHALL BE PERFORMED IN ACCORDANCE WITH CITY OF AUSTIN STANDARD SPECIFICATION ITEM 510.3(29) AND/OR TCEQ RULES.

CONTINUED WEST TRAVIS COUNTY PUA WATER AND WASTEWATER UTILITY NOTES

- 14. TEST PRESSURE FOR 2-HOUR TEST SHALL BE AT 175 PSI AT THE LOWEST POINT IN THE LINE.
- NOTE: PRIOR TO PRESSURE TESTING, CONTRACTOR SHALL VERIFY THAT THRUST BLOCKING AND/OR THRUST RESTRAINT BACK TO AND INCLUDING THE VALVE AGAINST WHICH THE PRESSURE TEST SHALL BE PERFORMED, HAS BEEN INSTALLED TO AT LEAST THE SPECIFICATIONS OF THIS PROJECT. FAILURE TO VERIFY THAT THRUST BLOCKING AND/OR THRUST RESTRAINT IN THE EXISTING LINE MEETS OR EXCEEDS THE SPECIFICATIONS OF THIS PROJECT MAY RESULT IN SERIOUS DAMAGE TO THE EXISTING WATERLINE.
- 15. WATER LINES SHALL BE FILLED WITH WATER AND ALL AIR EXPELLED AT LEAST 24 HOURS BEFORE TESTING. ALL SERVICE LATERALS AND DRAIN VALVE LEADS, WITH THE HYDRANT VALVES CLOSED AND NOZZLE CAPS OPEN SHALL BE INCLUDED IN THE TESTS.
- 16. CONTRACTOR SHALL SUBMIT A DISINFECTION AND FLUSHING PLAN IN ACCORDANCE WITH AWWA STANDARDS TO THE WTCPUA FOR APPROVAL. REQUIRED FLUSHING VOLUMES, FLUSHING SCHEDULE, AND METHOD OF DISPOSAL OF FLUSH WATER SHALL BE IN ACCORDANCE WITH THE APPROVED
- 17. GATE VALVES SHALL BE RESILIENT SEATED GATE VALVES CONFORMINGTO AWWAC509, WITH A MINIMUM RATED WORKING PRESSURE OF 250 PSIG.
- 18. FORCE MAIN TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF AUSTIN STANDARD SPECIFICATION ITEM 510.3(27) AND/OR TCEQ RULES.
- 19. GRAVITY SANITARY SEWER MAIN TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF AUSTIN STANDARD SPECIFICATION ITEMS 510.3(26) AND/OR TCEQ RULES. IN ADDITION, ALL GRAVITY SANITARY SEWER MAINS SHALL BE TELEVISED PRIOR TO ACCEPTANCE BY WTCPUA. DIGITAL FILES (VIA CD-ROM) CLEARLY SHOWING TELEVISED RECORDING SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOLLOWING INSPECTION.
- 20. LOCATOR 'FINDER' WIRE ALL NON -METALLIC WATER LINES SHALL HAVE A FINDER WIRE LOCATED ABOVE THE PIPE. THE WIRE SHALL BE POLY-INSULATED NO. 10 SOLID COPPER AND WILL TERMINATE AT EACH ISOLATION VALVE SUCH THATITIS ACCESSIBLE FROM THE VALVE BOX.
- 21. LOCATOR 'FINDER' WIRE ALL NON-METALLIC WASTEWATER LINES SHALL HAVE A FINDER WIRE LOCATED ABOVE THE PIPE. THE WIRE SHALL BE POLY-INSULATED NO. 10 SOLID COPPER AND WILL TERMINATE AT READILY ACCESSIBLE LOCATIONS THROUGHOUT THE COLLECTION SYSTEM.
- 22. ALL VALVE RISERS SHALL HAVE A 1'-6" SQUARE CONCRETE BOX POURED AROUND THEM AT FINISHED GRADE.
- 23. ALL MANHOLES SHALL BE LINED WITH A CORROSION RESISTANT LINING APPROVED BY THE WTCPUA.
- 24. BOLTED AND GASKETED COVERS SHALL BE USED FOR ALL MANHOLES LOCATED IN THE 100-YEAR FLOODPLAIN. WHERE THERE ARE MORE THAN THREE GASKETED MANHOLES IN A ROW, VENTS SHALL BE PROVIDED ON EVERY THIRDMANHOLE.
- 25. THE DOWNSTREAM END OF ANY FORCE MAIN SHALL BE TERMINATED IN A SANITARY SEWER MANHOLE IN A MANNER TO MINIMIZETURBULENCE.
- 26. CONTRACTOR SHALL HAVE NECESSARY EROSION AND SEDIMENTATION CONTROLS IN PLACE PRIOR TO COMMENCING WATER/WASTEWATERFACILITY CONSTRUCTION.
- 27. RECORD DRAWINGS, AS STIPULATED BY THE WTCPUA, SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR VERIFICATION AND FURNISHED TO THE WTCPUA UPON COMPLETION OF THE PROJECT.
- 28. THE WTCPUA WILL OWN AND OPERATE ALL WATER LINES AND APPURTENANCES UP TO AND INCLUDING THE WATER METER. THESE IMPROVEMENTS WILL BE DEFINED BY A RECORDED EASEMENT ORIN PUBLIC RIGHT-OF-WAY.
- 29. ANY PORTIONS OF WASTEWATER LINES INCLUDING SERVICES THAT ARE LOCATED OUTSIDE OF A RECORDED EASEMENT OR PUBLIC RIGHT-OF-WAY WILL BE OWNED AND MAINTAINED BY THE PROPERTY OWNER, OR HIS/HER ASSIGNS.
- 30. WHERE EXISTING WATER AND/OR WASTEWATER INFRASTRUCTURE IS TO BE ABANDONED, THE ENGINEER SHALL SUBMIT AN ABANDONMENT PLAN FOR APPROVAL BY THE WTCPUA.
- 31. WATER SERVICES SHALL BE INSTALLED USING HDPE PIPE. COPPER IS NOT
- 32. FOR ANY STORM SEWER LINE CROSSING A WATER OR WASTEWATER LINE CLOSER THAN 18", THE STORM SEWER PIPE SHALL BE LAID SUCH THAT NO STORM SEWER JOINTS WILL BE OVER THE WATER PIPE CROSSING.OTHER NOTES - ENGINEER IS RESPONSIBLE FOR INCLUDING ALL APPLICABLE NOTES, INCLUDING BUT NOT LIMITED TO COUNTY, CITY, TXDOT, STATE, FIRE DEPARTMENT, TCEQ (CZP, WPAP, ORGANIZED SEWAGE COLLECTION SYSTEM NOTES, GENERAL CONSTRUCTION NOTES). ENGINEER IS RESPONSIBLE FOR ENSURING THE CURRENT ADOPTED VERSION OF ALL NOTES IS INCLUDED IN THE CONSTRUCTION PLANS.

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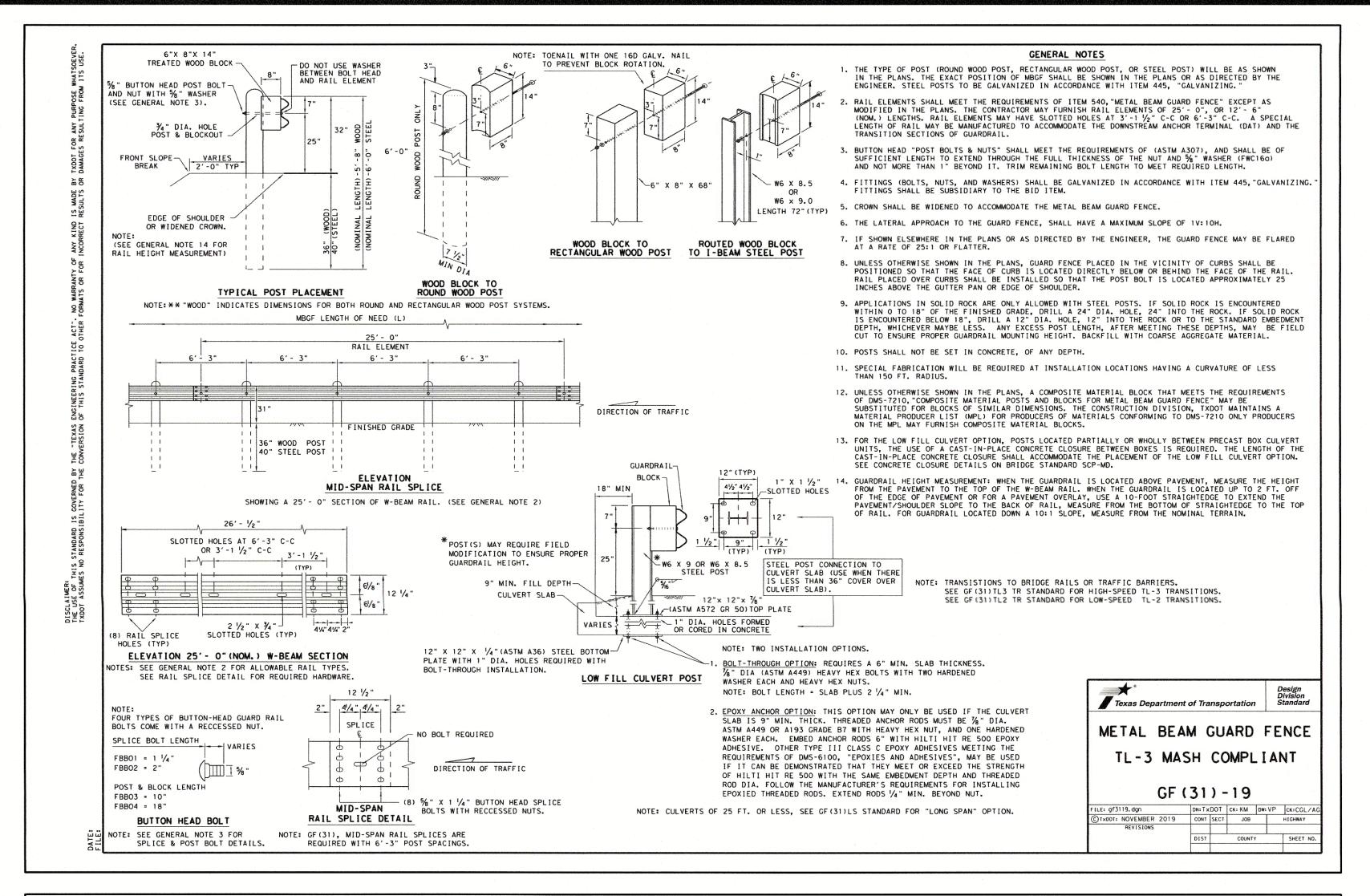
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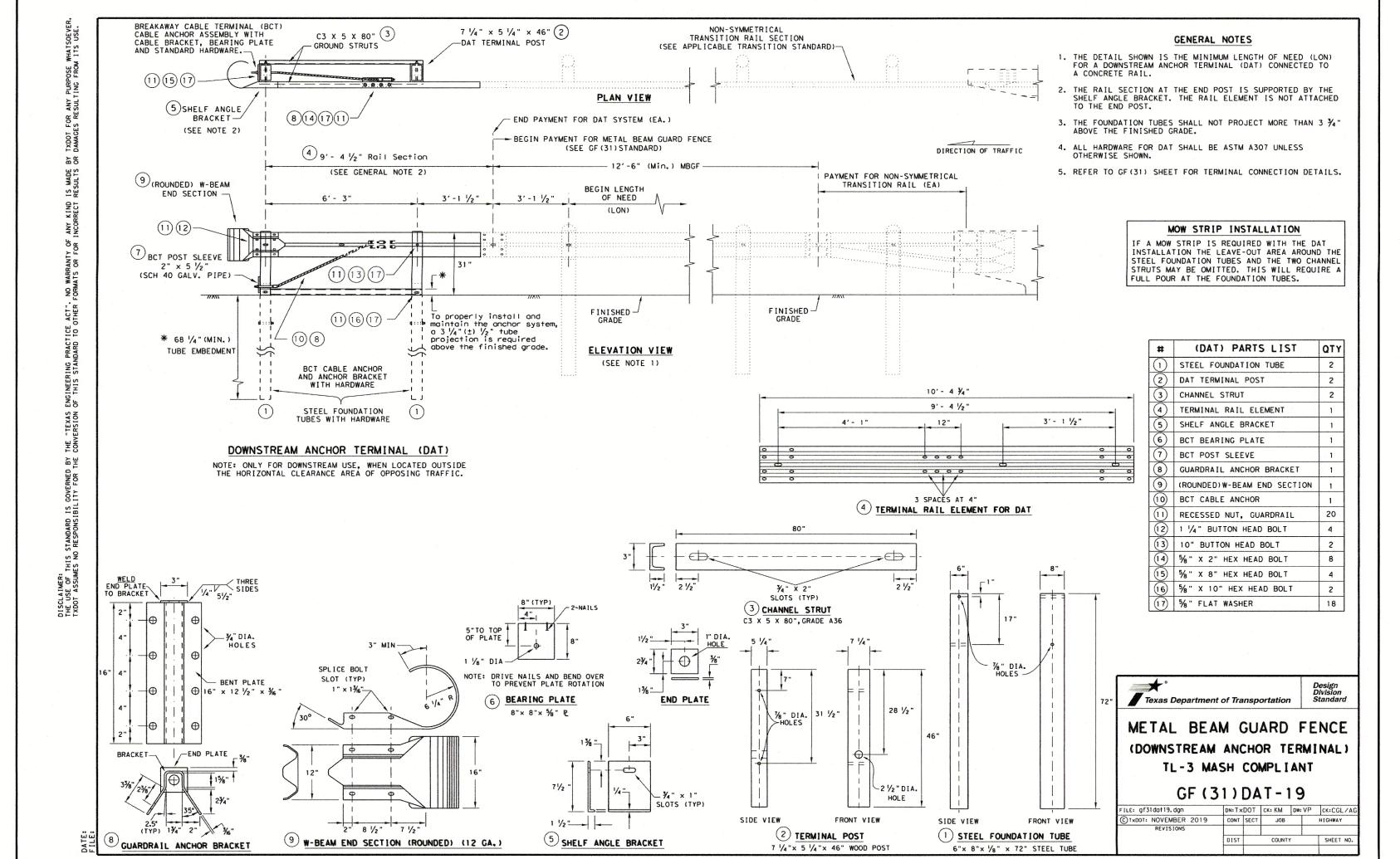


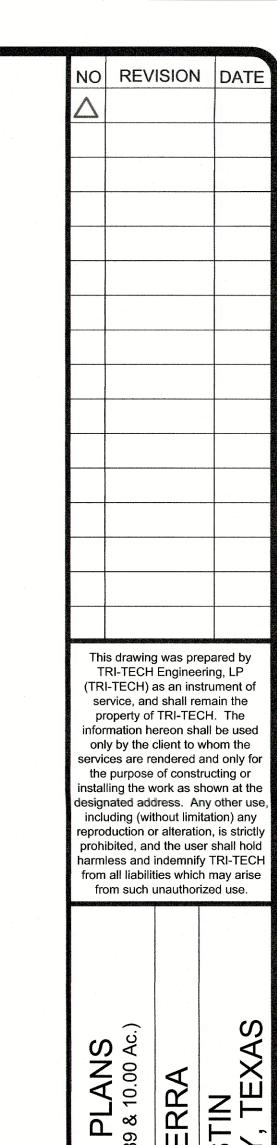
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DATE: 02/03/2023 SCALE: N/A

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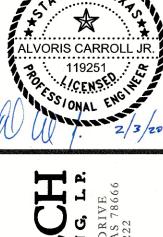






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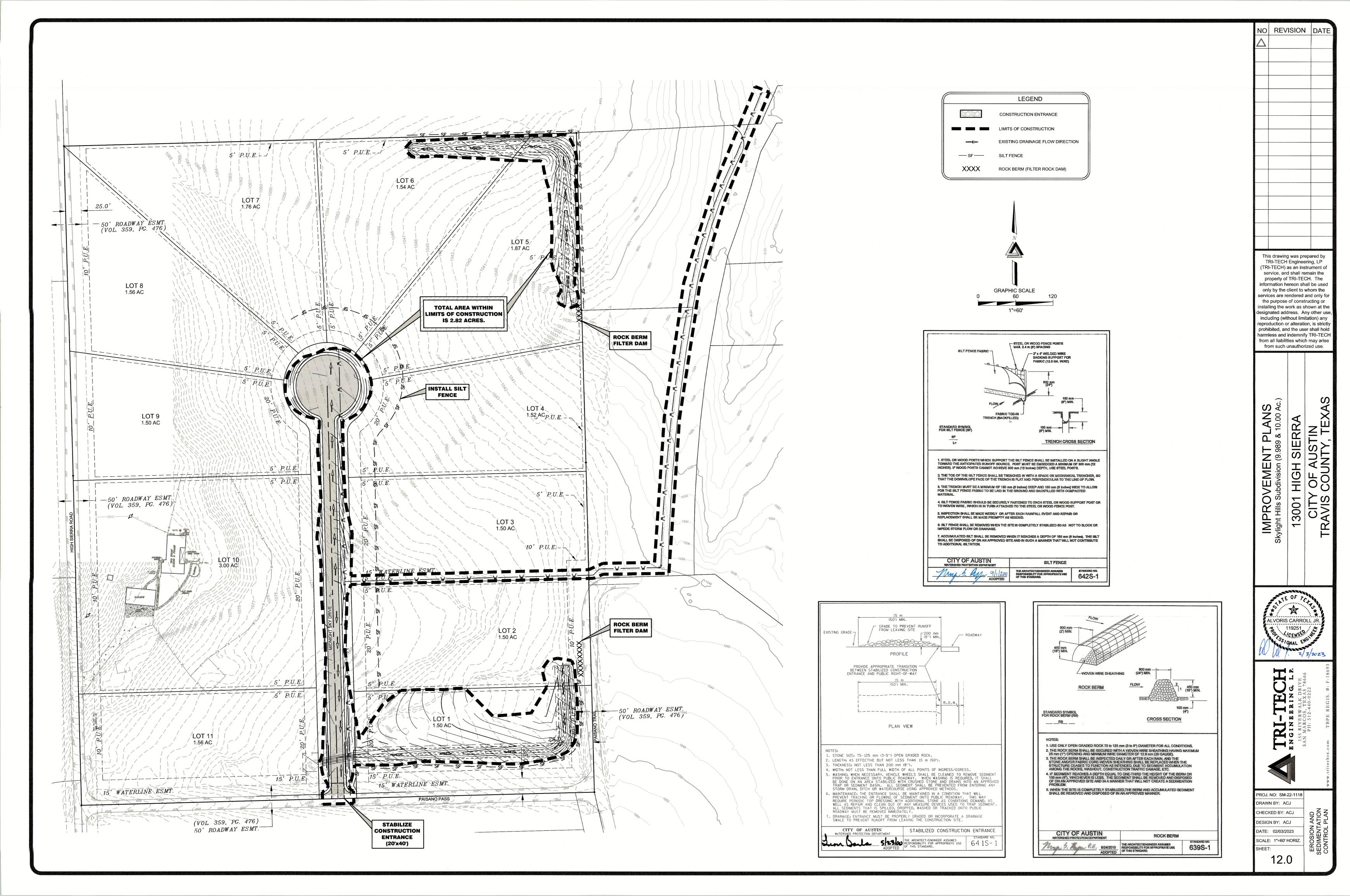
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# Skylight Hills Subdivision Contributing Zone Plan

# Contributing Zone Plan Application Attachments

#### ATTACHMENT "N"

N/A

#### **ATTACHMENT "O"**

N/A

### **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

requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This <b>Temporary Stormwater Section</b> is hereby submitted for TCEQ review and executive director approval. The application was prepared by:
Print Name of Customer/Agent: <u>Al Carroll, P.E.</u>
Date: <u>2/2/2023</u>
Signature of Customer/Agent:
Regulated Entity Name: Tri-Tech Engineering, LP
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.
<ol> <li>Fuels for construction equipment and hazardous substances which will be used during construction:</li> </ol>
construction:
construction:  The following fuels and/or hazardous substances will be stored on the site:

	<ul> <li>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.</li> <li>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.</li> </ul>
	igstyle igstyle 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.
Se	equence 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.
	<ul> <li>For each activity described, an estimate (in acres) of the total area of the site to be disturbed by each activity is given.</li> <li>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.</li> </ul>
6.	Name the receiving water(s) at or near the site which will be disturbed or which will

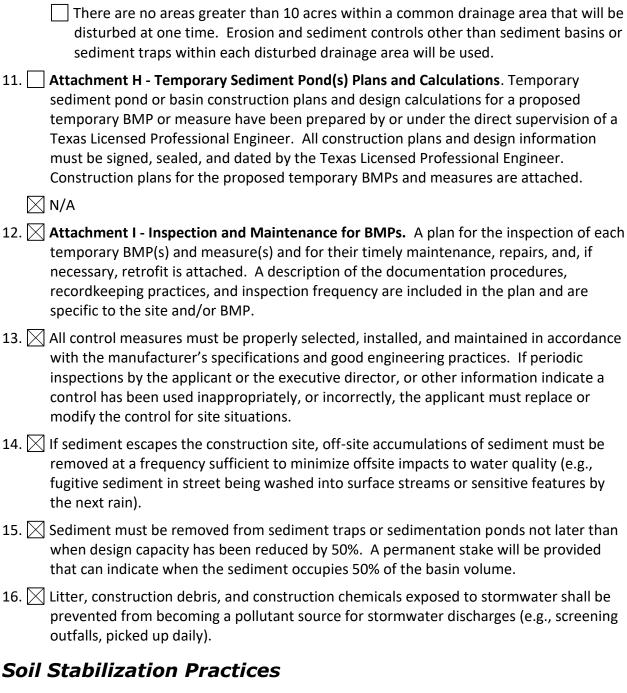
### Temporary Best Management Practices (TBMPs)

receive discharges from disturbed areas of the project: N/A

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:

	<ul> <li>✓ 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.</li> <li>✓ A description of how BMPs and measures will prevent pollution of surface water or</li> </ul>
	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.	<b>Attachment F - Structural Practices</b> . 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.	<b>Attachment G - Drainage Area Map</b> . A drainage area map supporting the following requirements is attached:
	<ul> <li>For areas that will have more than 10 acres within a common drainage area disturbed at one time, a sediment basin will be provided.</li> <li>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.</li> </ul>
	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.



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** 

There will be no above ground storage tanks allowed on this project. Equipment will be fueled using mobile fuel trucks as needed. There is a small chance of a fuel spill occurring due to leaking construction equipment or refueling operations. The spill prevention and control measures described below, and included in Section 1.4.16 of RG-348 complying with the Edwards Aquifer Rules Technical Guidance Manual on Best Management Practices (July 2005), will be followed.

#### Spill Prevention and Control

The objective of this section is to describe measures to prevent or reduce the discharge of pollutants to drainage systems or watercourses from leaks and spills by reducing the chance for spills, stopping the source of spills, containing and cleaning up spills, properly disposing of spill materials, and training employees.

The following steps will help reduce the stormwater impacts of leaks and spills:

#### Education

- (1) Be aware that different materials pollute in different amounts. Make sure that each employee knows what a "significant spill" is for each material they use, and what is the appropriate response for "significant" and "insignificant" spills. Employees should also be aware of when spill must be reported to the TCEQ. Information available in 30 TAC 327.4 and 40 CFR 302.4.
- (2) Educate employees and subcontractors on potential dangers to humans and the environment from spills and leaks.
- (3) Hold regular meetings to discuss and reinforce appropriate disposal procedures (incorporate into regular safety meetings).
- (4) Establish a continuing education program to indoctrinate new employees.
- (5) Have contractor's superintendent or representative oversee and enforce proper spill prevention and control measures.

#### **General Measures**

- (1) To the extent that the work can be accomplished safely, spills of oil, petroleum products, and substances listed under 40 CFR parts 110,117, and 302, and sanitary and septic wastes should be contained and cleaned up immediately.
- (2) Store hazardous materials and wastes in covered containers and protect from vandalism.
- (3) Place a stockpile of spill cleanup materials where it will be readily accessible.

- (4) Train employees in spill prevention and cleanup.
- (5) Designate responsible individuals to oversee and enforce control measures.
- (6) Spills should be covered and protected from stormwater runoff during rainfall to the extent that it doesn't compromise clean up activities.
- (7) Do not bury or wash spills with water.
- (8) Store and dispose of used clean up materials, contaminated materials, and recovered spill material that is no longer suitable for the intended purpose in conformance with the provisions in applicable BMP's.
- (9) Do not allow water used for cleaning and decontamination to enter storm drains or watercourses. Collect and dispose of contaminated water in accordance with applicable regulations.
- (10) Contain water overflow or minor water spillage and do not allow it to discharge into drainage facilities or watercourses.
- (11) Place Material Safety Data Sheets (MSDS), as well as proper storage, cleanup, and spill reporting instructions for hazardous materials stored or used on the project site in an open, conspicuous, and accessible location.
- (12) Keep waste storage areas clean, well organized, and equipped with ample cleanup supplies as appropriate for the materials being stored. Perimeter controls, containment structures, covers, and liners should be repaired or replaced as needed to maintain proper function.

#### Cleanup

- (1) Clean up leaks and spills immediately.
- (2) Use a rag for small spills on paved surfaces, a damp mop for general cleanup, and absorbent material for larger spills. If the spilled material is hazardous, then the used cleanup materials are also hazardous and must be disposed of as hazardous waste.
- (3) Never hose down or bury dry material spills. Clean up as much of the material as possible and dispose of properly. See the waste management BMP's in this section for specific information.

#### Minor Spills

- (1) Minor spills typically involve small quantities of oil, gasoline, paint, etc, which can be controlled by the first responder at the discovery of the spill.
- (2) Use absorbent materials on small spills rather than hosing down or burying the spill.

### Skylight Hills Subdivision Contributing Zone Plan

- (3) Absorbent materials should be promptly removed and disposed of properly.
- (4) Follow the practice below for a minor spill:
- (5) Contain the spread of the spill.
- (6) Recover spilled materials.
- (7) Clean the contaminated area and properly dispose of contaminated materials.

#### Semi-Significant Spills

Semi-significant spills still can be controlled by the first responder along with the aid of other personnel such as laborers and the foreman, etc. This response may require the cessation of all other activities.

Spills should be cleaned up immediately:

- (1) Contain spread of the spill.
- (2) Notify the project foreman immediately.
- (3) If the spill occurs on paved or impermeable surfaces, clean up using "dry" methods (absorbent materials, cat litter, and/or rags). Contain the spill by encircling with absorbent materials and do not let the spill spread widely.
- (4) If the spill occurs in dirt areas, immediately contain the spill by constructing an earthen dike. Dig up and properly dispose of contaminated soil.
- (5)1f the spill occurs during rain, cover spill with tarps or other material to prevent contaminating runoff.

#### Significant/Hazardous Spills

For significant or hazardous spills that are in reportable quantities:

- (1) Notify the TCEQ by telephone as soon as possible and within 24 hours at 512-339-2929 (Austin) or 210-490-3096 (San Antonio) between 8 AM and 5 PM. After hours, contact the Environmental Release Hotline at 1-800-832-8224. It is the contractor's responsibility to have all emergency phone numbers at the construction site.
- (2) For spills of federal reportable quantities, in conformance with the requirements in 40 CFR parts 110,119, and 302, the contractor should notify the National Response Center at (800) 424-8802.
- (3) Notification should first be made by telephone and followed up with a written report.

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- (4) The services of a spills contractor or a Haz-Mat team should be obtained immediately. Construction personnel should not attempt to clean up until the appropriate and qualified staffs have arrived at the job site.
- (5) Other agencies which may need to be consulted include, but are not limited to, the City Police Department, County Sheriff Office, Fire Departments, etc.

More information on spill rules and appropriate responses is available on the TCEQ website at: https://www.tceq.texas.gov/response/spills/spill\_rq.html

#### Vehicle and Equipment Maintenance

- (1) If maintenance must occur onsite, use a designated area and a secondary containment, located away from drainage courses, to prevent the runoff of stormwater and the runoff of spills.
- (2) Regularly inspect onsite vehicles and equipment for leaks and repair immediately
- (3) Check incoming vehicles and equipment (including delivery trucks, and employee and subcontractor vehicles) for leaking oil and fluids. Do not allow leaking vehicles or equipment onsite.
- (4) Always use secondary containment, such as a drain pan or drop cloth, to catch spills or leaks when removing or changing fluids.
- (5) Place drip pans or absorbent materials under paving equipment when not in use.
- (6) Use absorbent materials on small spills rather than hosing down or burying the spill. Remove the absorbent materials promptly and dispose of properly.
- (7) Promptly transfer used fluids to the proper waste or recycling drums. Don't leave full drip pans or other open containers lying around.
- (8) Oil filters disposed of in trashcans or dumpsters can leak oil and pollute stormwater. Place the oil filter in a funnel over a waste oil-recycling drum to drain excess oil before disposal. Oil filters can also be recycled. Ask the oil supplier or recycler about recycling oil filters.
- (9) Store cracked batteries in a non-leaking secondary container. Do this with all cracked batteries even if you think all the acid has drained out. If you drop a battery, treat it as if it is cracked. Put it into the containment area until you are sure it is not leaking.

#### Vehicle and Equipment Fueling

- (1) If fueling must occur on site, use designated areas, located away from drainage courses, to prevent the runoff of stormwater and the runoff of spills.
- (2) Discourage "topping off' of fuel tanks.
- (3) Always use secondary containment, such as a drain pan, when fueling to catch spills,' leaks.

#### **ATTACHMENT "B"**

#### **Potential Sources of Contamination**

The only potential sources of contamination are construction equipment leaks, refueling spills, potential leaks from port-o-lets, and the total suspended solids (TSS) due to the construction activities on-site. There are no other anticipated potential sources of contamination.

#### ATTACHMENT "C"

#### **Sequence of Major Activities**

Stages of Construction:

- 1. Installation of Temporary BMP's (Silt Fence, Rock Berm, and Stabilized Construction Entrance)
- 2. Clearing and Grubbing: Removal of existing vegetation, top soil and other debris within the proposed construction site. Approximate total disturbed area = 2.82 acres
- 3. Rough Grading: Cutting of proposed entrance drive, parking areas, building pads, access drive, and drainage swales. Approximate total disturbed area = 2.82 acres
- 4. Utility Installation: Trenching and installation of water and wastewater utilities. Approximate total disturbed are = 0.3 acres.
- 5. Site Grading: Grading of entrance drive, parking areas, and building pads to prepare the subgrade for pavement and foundation. Approximate total disturbed are = 0.91 acres.
- 6. Pavement & Foundation: Installation of concrete foundations, parking, access drive, and entrance drive. Approximate total disturbed area = 1.27 acres.
- 7. Finished Grading: Final grading of drainage swale, slope grading, and landscaping and installation of permanent BMP's. Approximate total disturbed area = 3.9 acres
- 8. Completion of Construction: Installation of all landscaping and replacement of destroyed vegetation. Once permanent growth of vegetation has occurred remove temporary BMP's (Silt Fence & Rock Berm).

The project site is located in the Colorado River drainage basin. Drainage from the site will travel approximately 500 feet to Cambrian Creek then approximately 3 miles down Barton Creek then approximately 32 miles to its confluence with the Colorado River.

#### ATTACHMENT "D"

#### **Temporary BMP's and Measures**

The following sequence will be followed for installing temporary BMP's:

- 1. Building pad, parking, drainage swale, entrance drive, utilities (water & wastewater), and access drive location will be located/surveyed. (No soil disturbance.)
- 2. Silt fence and rock berms will be constructed on the downgradient side of proposed construction site prior to beginning clearing and construction operations.
- 3. Stabilized construction entrance will be established at proposed entrance drive.

A. Any upgradient surface water entering this site will be handled by Temporary BMP's (Silt Fence & Rock Berm).

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B. Silt fence will be placed on the downgradient side of proposed improvements to contain pollutants generated from onsite runoff. Material form excavation will be placed upstream of the silt fence to reduce the potential of sediment reports.

Rock berms will be place on the down gradient end of channelized drainage locations to contain pollutants generated from onsite runoff.

Soil disturbance will be limited to a minimal distance outside the proposed pavement and landscaping footprint. Disturbed areas will be seeded to replace destroyed vegetation. The existing vegetation located downgradient of each proposed improvement will help to prevent pollution of water originating onsite and/or flowing offsite.

There were sensitive geological features discovered on the project during the field investigation. They are identified as C1 (30' diameter cave) and SC1 (12" x 10" solution cavity) in the geological assessment table. A temporary diversion dike can be placed upstream of the sensitive features to route runoff around the sensitive features.

#### Materials:

(1) Stone stabilization (required for velocities in excess of 6 fps) should consist of riprap placed in a layer at least 3 inches thick and should extend a minimum height of 3 inches above the design water surface up the existing slope and the upstream face of the dike. Stabilization riprap should conform to the following specifications:

#### Channel Grade Riprap Stabilization:

0.5 - 1% 4 inch rock

1.1 - 2% 6 inch rock

2.1-4% 8 inch rock

4.1 - 5% 8 - 12 inch riprap

(2) Geotextile fabric should be a non-woven polypropylene fabric designed specifically for use as a soil filtration media with an approximate weight of 6 oz./yd2, a Mullen burst rating of 140 psi, and having an equivalent opening size (EOS) greater than a #50 sieve.

#### Installation:

- (1) Diversion dikes should be installed prior to and maintained for the duration of construction and should intercept no more than 10 acres of runoff.
- (2) Dikes should have a minimum top width of 2 feet and a minimum height of compacted fill of 18 inches measured form the top of the existing ground at the upslope toe to top of the dike and having side slopes of 2:1 or flatter.
- (3) The soil for the dike should be placed in lifts of 8 inches or less and be compacted to 95 % standard proctor density.
- (4) The channel, which is formed by the dike, must have positive drainage for its entire length to an outlet.
- (5) When the slope exceeds 2 percent, or velocities exceed 6 feet per second (regardless of slope), stabilization is required. Situations in which velocities do not exceed 6 feet per second, vegetation may be used to control erosion.

Contributing Zone Plan

Inspection and Maintenance Guidelines:

- (1) Swales should be inspected weekly and after each rain event to determine if silt is building up behind the dike or if erosion is occurring on the face of the dike. Locate and repair any damage to the channel or clear debris or other obstructions so as not to diminish flow capacity.
- (2) Silt should be removed in a timely manner to prevent remobilization and to maintain the effectiveness of the control.
- (3) If erosion is occurring on the face of the dike, the slopes of the face should either be stabilized through mulch or seeding or the slopes of the face should be reduced.
- (4) Damage from storms or normal construction activities such as tire ruts or disturbance of swale stabilization should be repaired as soon as practical.

#### ATTACHMENT "E"

#### Request to Temporarily Seal a Feature

There will be no request to temporarily seal a feature.

#### ATTACHMENT "F"

#### **Structural Practices**

Silt fence will be used to protect disturbed soils and to prevent contamination from leaving the project site and rock berms will be used at areas of channelized drainage leaving the project site. The majority of the site will remain in a natural condition with minimal impacts to existing drainage paths; therefore, natural filtration will be allowed to occur.

#### ATTACHMENT "G"

#### Drainage Area Map

See Drainage Area Map included in Construction Plans.

#### ATTACHMENT "H"

#### **Temporary Sediment Pond Plans and Calculations**

Do to the small scale of the site and the minor soil disturbance involved no sediment ponds will be constructed.

#### ATTACHMENT "I"

#### **Inspection and Maintenance for BMP's**

#### Inspection and Maintenance Plan

The contractor is required to inspect the fences and rock berms at weekly intervals and after any rainfall events to insure that they are functioning properly. The contractor is required to document any changes on the Site Plan; documentation must include person performing task, task performed, and date. The contractor must also document if proper inspection measures have

#### Skylight Hills Subdivision

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been taken while making changes. The person(s) responsible for maintenance controls and fences shall immediately make any necessary repairs to damaged areas.

Construction Entrance/Exit: The entrance should be maintained in a condition, which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic cleanup of existing entrances/exits. All sediment spilled, dropped, washed, or tracked onto public rights-of-way should be removed immediately by contractor. When necessary, wheels should be cleaned to remove sediment prior to entrance onto public right-of-way. When washing is required, it should be done on an area stabilized with crushed stone that drains into an approved sediment trap or sediment basin. All sediment should be prevented from entering any storm drain, ditch, or watercourse by using approved methods.

<u>Silt Fence</u>: Remove sediment when buildup reaches 6 inches. Replace any torn fabric or install a second line of fencing parallel to the torn section. Replace or repair any sections crushed or collapsed in the course of construction activity. If a section of fence is obstructing vehicular access, consider relocating it to a spot where it will provide equal protection, but will not obstruct vehicles. A triangular filter dike may be preferable to a silt fence at common vehicle access points. When construction is complete, the sediment should be disposed of in a manner that will not cause additional siltation and the prior location of the silt fence should be revegetated. The fence itself should be disposed of in an approved landfill.

<u>Rock Berm</u>: Remove sediment and debris when buildup reaches 6 inches. Replace or rebuild any sections of berm that become damaged. Replace or repair any sections crushed or collapsed in the course of construction activity. If a section of berm is obstructing vehicular access, consider relocating it to a spot where it will provide equal protection, but will not obstruct vehicles. When construction is complete, the sediment should be disposed of in a manner that will not cause additional siltation and the prior location of the rock berm should be revegetated.

TCEQ staff will be allowed full access to the property during construction of the project for inspecting controls and fences and to verify that the accepted plan is being utilized in the field. TCEQ staff has the right to speak with the contractor to verify plan changes and modifications.

Any changes made to the location or type of controls shown on the accepted plans, due to onsite conditions, shall be documented on the site plan that is part of this Water Pollution Abatement Plan. No other changes shall be made unless approved by TCEQ and the Design Engineer. The contractor is required to document any changes on the Site Plan, documentation must include person performing task, task performed, and date. The contractor must also document if proper inspection measures have been taken while making changes. Documentation shall clearly show changes made, date, and person responsible and reason change was made.

#### ATTACHMENT "J"

Schedule of Interim and Permanent Soil Stabilization Practices

Areas which are disturbed by construction staging and storage areas will be hydra mulched with the appropriate seed mixture. Areas between the edge of construction site and right-of-way line Contributing Zone Plan

will also be hydra mulched if soil layers exist. Areas within 15' of new pavement will be protected with an engineered vegetative filter strip and remaining areas will be landscaped with appropriate plants and mulched. There will be no fill slopes exceeding a 3:1 slope and all fill slopes will be hydra mulched. All disturbed soils should be seeded or otherwise stabilized within 14 calendar days after final grading or where construction activity has temporarily -ceased for more than 21 days. Installation and acceptable mixtures of hydra mulch are as follows:

#### **Materials:**

<u>Hydraulic Mulches</u>: Wood fiber mulch can be applied alone or as a component of hydraulic matrices. Wood fiber applied alone is typically applied at the rate of 2,000 to 4,000 lb/acre. Wood fiber mulch is manufactured from wood or wood waste from lumber mills or from urban sources.

<u>Hydraulic Matrices</u>: Hydraulic matrices include a mixture of wood fiber and acrylic polymer or other tackifier as binder. Apply as a liquid slurry using a hydraulic application machine (i.e., hydra seeder) at the following minimum rates, or as specified by the manufacturer to achieve complete coverage of the target area: 2,000 to 4,000 lb/acre wood fiber mulch, and 5 to 10% (by weight) of tackifier (acrylic copolymer, guar, psyllium, etc.)

<u>Bonded Fiber Matrix</u>: Bonded fiber matrix (BFM) is a hydraulically applied system of fibers and adhesives that upon drying forms an erosion resistant blanket that promotes vegetation, and prevents soil erosion. BFMs are typically applied at rates from 3,000 lb/acre to 4,000 lb/acre based on the manufacturer's recommendation. A biodegradable BFM is composed of materials that are 100% biodegradable. The binder in the BFM should also be biodegradable and should not dissolve or disperse upon re-wetting. Typically, biodegradable BFMs should not be applied immediately before, during, or immediately after rainfall if the soil is saturated. Depending on the product, BFMs typically require 12 to 24 hours to dry and become effective.

#### Seed Mixtures:

<b>Dates</b>	Climate	Species	(lb/ac.)
Sept. 1 to Nov. 30	Temporary Cool Season	Tall Fescue	4.0
		Oats	21.0
		Wheat's	30.0
		Total	55.0
Sept. 1 to Nov. 30	Cool Season Legume	Hairy Vetch	8.0
May 1 to Aug. 31	Temporary Warm Season	Foxtail Millet	30.0

<u>Fertilizer</u>: Fertilizer should be applied at the rate of 40 pounds of nitrogen and 40 pounds of phosphorus per acre, which is equivalent to about 1.0 pounds of nitrogen and phosphorus per 1000 square feet.

#### **Installation:**

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- (1) Prior to application, roughen embankment and fill areas by rolling with a crimping or punching type roller or by track walking. Track walking shall only be used where other methods are impractical.
- (2) To be effective, hydraulic matrices require 24 hours to dry before rainfall occurs.
- (3) Avoid mulch over spray onto roads, sidewalks, drainage channels, existing vegetation, etc.

#### **Owner's Information:**

Owner: Frame Middleton LLC
Contact: Logan Middleton
Phone: (737)529-6791

Address: 11203 Brushy Glen Dr

Austin, Texas 78754

#### **Design Engineer:**

Company: <u>Tri-Tech Engineering, L.P.</u>

Contact: Al Carroll Jr., P.E.
Phone: (512) 353-3335
Address: 155 Riverwalk Dr.

San Marcos, Texas 78666

#### Person or Firm Responsible for Erosion/Sedimentation Control Maintenance:

Company:	To be determined		
Contact:			
Phone:			
Address:			
Signature of 1	Responsible Party:	 	

This portion of the form shall be filled out and signed by the responsible party prior to construction.

#### Agent Authorization Form

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

I	Logan Middleton	,
_	Print Name	·
	President	,
	Title - Owner/President/Other	
of	Frame Middleton LLC	
	Corporation/Partnership/Entity Name	
have authorized	Al Carroll	
	Print Name of Agent/Engineer	
of	Tri-Tech 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:

Applicant's Signature

Date

THE STATE OF Texis §

County of Texis §

BEFORE ME, the undersigned authority, on this day personally appeared to the foregoing instrument, and acknowledged 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 day personally appeared 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 day personally appeared to the foregoing instrument, and acknowledged to me that (s)he executed same for the purpose and consideration therein expressed.

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MOTARY PUBLIC

SCHOOL TO THE SCHOOL TO

SCOTT ALLEN MCFARLAND Notary Public, State of Texas Comm. Expires 08-21-2023 Notary ID 132138541

#### **Agent Authorization Form**

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

	James Parman	
	Print Name	
	Environmental Manager	
	Title - Owner/President/Other	
of	Hays County Transportation Department Corporation/Partnership/Entity Name	<u> </u>
have authorized _	Al Carroll Print Name of Agent/Engineer	The lates
of	Tri-Tech 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:

Applicant's Signature	4/21/23 Date
THE STATE OF Texas §	
County of Hays §	
BEFORE ME, the undersigned authority, on to me to be the person whose name is subsime that (s)he executed same for the purpose	this day personally appeared <u>Parmus</u> known cribed to the foregoing instrument, and acknowledged to and consideration therein expressed.
GIVEN under my hand and seal of office on t	his 21 day of April , 2023.
LISA RODRIGUEZ Notary Public, State of Texas	Y PUBLIC  ISU Cochque2  or Printed Name of Notary
MY CO	MMISSION EXPIRES: 7/15/26

## **Application Fee Form**

Texas Commission on Environmental Quality				
Name of Proposed Regulated Entity: <u>Frame Middleton LLC</u>				
Regulated Entity Location: <u>13111 High Sierra Dr, Austin, Texas 78737</u>				
Name of Customer: Logan Middle	eton			
Contact Person: <u>Al Carroll</u>	Phon	e: <u>(512)440-0222</u>		
Customer Reference Number (if i	ssued):CN			
Regulated Entity Reference Numb	per (if issued):RN			
Austin Regional Office (3373)				
	Travis	☐ Wi	illiamson	
San Antonio Regional Office (336	52)			
Bexar	Medina	Uv	alde	
Comal	Kinney			
Application fees must be paid by	check, certified check, c	or money order, payab	le to the <b>Texas</b>	
Commission on Environmental C				
form must be submitted with yo				
X Austin Regional Office		an Antonio Regional O		
Mailed to: TCEQ - Cashier		Overnight Delivery to: TCEQ - Cashier		
Revenues Section		2100 Park 35 Circle		
Mail Code 214 Building A, 3rd Floor				
P.O. Box 13088 Austin, TX 78753				
Austin, TX 78711-3088 (512)239-0357				
Site Location (Check All That App		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Recharge Zone	Contributing Zone	Transi	tion Zone	
Type of Pla	ın	Size	Fee Due	
Water Pollution Abatement Plan,	Contributing Zone			
Plan: One Single Family Residenti	al Dwelling	Acres	\$	
Water Pollution Abatement Plan,	Contributing Zone	5		
Plan: Multiple Single Family Resid	lential and Parks	20.0 Acres	\$ 4,000	
Water Pollution Abatement Plan,	Contributing Zone			
Plan: Non-residential		Acres	\$	
Sewage Collection System		L.F.	\$	
Lift Stations without sewer lines		Acres	\$	
Underground or Aboveground St	orage Tank Facility	Tanks	\$	
Piping System(s)(only)		Each	\$	
Exception		Each	\$	
Extension of Time		Each	\$	
Signature: ROW	Date	. 2/2/2=3		

### **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** 

D. i.i.	Project Area in	<b>.</b>
Project	Acres	Fee
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
	≥ 500	\$10,000
Non-residential (Commercial, industrial, institutional,	< 1	\$3,000
multi-family residential, schools, and other sites	1 < 5	\$4,000
where regulated activities will occur)	5 < 10	\$5,000
	10 < 40	\$6,500
	40 < 100	\$8,000
	≥ 100	\$10,000

Organized Sewage Collection Systems and Modifications

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

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

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

Exception Requests

Project	Fee
Exception Request	\$500

**Extension of Time Requests** 

Project	Fee
Extension of Time Request	\$150



### **TCEQ Core Data Form**

TCEQ Use Only

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

#### **SECTION I: General Information**

			•									
		<b>sion</b> ( <i>If other is ci</i>	•			•		•	the nr	rogram applicatio	n l	
			•				Г			Ogram applicatio	11.)	
Renewal (Core Data Form should be submitted with the renewal form)  2. Customer Reference Number (if issued)  Follow this link to search					. 3	Other  3. Regulated Entity Reference Number (if issued)						
CN  Follow this link to search for CN or RN numbers in Central Registry**  CN  Sollow this link to search for CN or RN numbers in Central Registry**  RN						i issueu <sub>j</sub>						
SECTION	II: Cu	stomer Info	rmation									
4. General Customer Information 5. Effective Date for Customer Information Updates (mm/dd/yyyy)												
	New Customer ☐ Update to Customer Information ☐ Change in Regulated Entity Ownership ☐ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)											
The Custo	mer Nar	ne submitted	here may be	e upda	ated a	autom	natica	lly ba	sed o	on what is cu	rrent and	active with the
Texas Sec	retary o	f State (SOS)	or Texas Co	omptro	oller (	of Pul	blic A	ccoul	nts (C	CPA).		
6. Customer	Legal Na	me (If an individual	, print last name	first: eg.	: Doe, J	John)		<u>If ne</u>	ew Cus	stomer, enter prev	ious Custome	er below:
Frame Mi	ddleton	LLC										
	7. TX SOS/CPA Filing Number 8. T			Tax ID (	11 digits	s)				I Tax ID (9 digits)	10. DUNS	Number (if applicable)
08029467	58	_	32066358	3022				82-	-4577	7563		
11. Type of C	Customer:	☐ Corporati	on		☐ Ir	ndividua	al		Part	tnership: 🗌 Gene	ral 🔲 Limited	
Government:	☐ City ☐	County  Federal	☐ State ☐ Other			Sole Pro	prietor	ship		Other:		
<b>12. Number  ⊙</b> 0-20 □	of Employ 21-100	rees 101-250	<u></u>	5	01 and	d highei	r		Indepo	endently Owned	l and Opera	ted?
14. Custome	r Role (Pr	oposed or Actual) –	as it relates to t	he Regu	ılated E	Entity list	ted on th	nis form	. Pleas	e check one of the	following	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following  Owner Operator Occupational Licensee Responsible Party Voluntary Cleanup Applicant Other:												
15. Mailing Address:	11203	Brushy Glen	Dr									
City Austin State TX ZIP 78754 ZIP+4 2007						2007						
16. Country Mailing Information (if outside USA)  17. E-Mail Address (if applicable)						1						
logan@framemiddleton.com												
18. Telephone Number				19. Ext	19. Extension or Code				20. Fax Number (if applicable)			
(737)52	9-6791									( )	-	
<b>ECTION</b>	SECTION III: Regulated Entity Information											
21. General Regulated Entity Information (If 'New Regulated Entity" is selected below this form should be accompanied by a permit application)												
The Regulated Entity Name submitted may be updated in order to meet TCEQ Agency Data Standards (removal of organizational endings such as Inc, LP, or LLC).												
•		ame (Enter name			•	action is	taking <sub>l</sub>	olace.)				
Frame Middleton LLC												

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23. Street Address of	13001	13001 High Sierra Dr										
the Regulated Entity:												
(No PO Boxes)	City	Austin	State	TX	ZIP	78737	ZIP + 4					
24. County						l	· ·	•				
		Enter Physical L	ocation Description	on if no stre	et address	is provided.						
25. Description to	At the	intersection o	f Paisano Pass	and Pais	ano Trai	1, 1/2 mile	W of the inte	rsection of				
Physical Location:	Trail D	Priver St and I	Paisano Trail.									
26. Nearest City						State	Near	rest ZIP Code				
27. Latitude (N) In Deci	5	28. Longitude (W) In Decimal: -98.0137757										
Degrees	Minutes		Seconds	Degree	S	Minutes		Seconds				
30		13	8.481		-98		0	49.5926				
29. Primary SIC Code (	4 digits) 30	0. Secondary SIC	Code (4 digits)	31. Primary (5 or 6 digits)	•		. Secondary NAI or 6 digits)	CS Code				
6552				237210								
33. What is the Primary	/ Business	of this entity?	(Do not repeat the SIC	or NAICS desci	ription.)							
		-	,		•							
34. Mailing												
Address:	City		State		ZIP							
25 E Mail Addres	<u> </u>		State		ZIF		ZIP + 4					
35. E-Mail Address:												
		er	37. Extensio	n or Code		38. Fax	Number (if appli	cable)				
	none Numb	er	37. Extensio	n or Code		38. Fax	Number (if appli	cable)				
36. Telepl ( ) 9. TCEQ Programs and	none Numb	S Check all Program	s and write in the per		on numbers	(	) -					
36. Telepi ( ) 9. TCEQ Programs and lorm. See the Core Data Form	ID Numbers	S Check all Program for additional guidar	s and write in the per	mits/registrati		that will be affec	) -	submitted on this				
36. Telepl ( ) 9. TCEQ Programs and	none Numb	S Check all Program for additional guidar	s and write in the per	mits/registrati		(	) -					
36. Telepi ( ) 9. TCEQ Programs and lorm. See the Core Data Form	ID Numbers in instructions	S Check all Program for additional guidar	s and write in the per	mits/registrati	☐ Emissio	that will be affec	ted by the updates	submitted on this				
36. Telepl ( ) 9. TCEQ Programs and lorm. See the Core Data Form  Dam Safety	ID Numbers in instructions	s Check all Program for additional guidar icts	s and write in the per nce.	mits/registrati	☐ Emissio	that will be affectors Inventory Air	ted by the updates	submitted on this				
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36. Telepl  ( )  9. TCEQ Programs and lorm. See the Core Data Form  Dam Safety  Municipal Solid Waste	D Numbers instructions Distr	s Check all Program for additional guidar icts Source Review Air	s and write in the pernce.   Edwards Aqui	mits/registrati	☐ Emissic	that will be affectors Inventory Air	ted by the updates Industrial R	submitted on this				
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36. Telepl ( )  9. TCEQ Programs and lorm. See the Core Data Form Dam Safety  Municipal Solid Waste  Sludge Voluntary Cleanup	Districtions  New Storr  Wasi	S Check all Program for additional guidar icts  Source Review Air  m Water  te Water	s and write in the pernce.    Edwards Aqui   OSSF   Title V Air   Wastewater A	mits/registrati	☐ Emission ☐ Petrole ☐ Tires	that will be affectors Inventory Air	ted by the updates Industrial R PWS Used Oil	submitted on this				
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36. Telepl  ( )  9. TCEQ Programs and lorm. See the Core Data Form  Dam Safety  Municipal Solid Waste  Sludge  Voluntary Cleanup  SECTION IV: Pr  40.	D Numbers instructions Distr New Storn Wass	S Check all Program for additional guidar icts  Source Review Air  m Water  te Water  Information	s and write in the pernce.    Edwards Aqui   OSSF   Title V Air   Wastewater A	mits/registrati  fer  griculture  41. Title:	☐ Emission ☐ Petrole ☐ Tires ☐ Water F	that will be affectors Inventory Air um Storage Tani Rights Civil Engir	ted by the updates Industrial R PWS Used Oil Other:	submitted on this  Hazardous Waste				
36. Telepl ( )  9. TCEQ Programs and Jorm. See the Core Data Form Dam Safety  Municipal Solid Waste  Sludge Voluntary Cleanup  SECTION IV: Pr 40. Name: Al Carroll J	D Numbers instructions Distr New Storn Wass	S Check all Program for additional guidar icts  Source Review Air  m Water  te Water  Information	s and write in the pernce.  Edwards Aqui  OSSF  Title V Air  Wastewater A	mits/registrati  fer  griculture  41. Title:  45. E-Ma	Petrole Tires Water F	that will be affectons Inventory Air um Storage Tani Rights Civil Engin	ted by the updates Industrial R PWS Used Oil Other:	submitted on this  Hazardous Waste				
36. Telepl  ( )  9. TCEQ Programs and Jorm. See the Core Data Form  Dam Safety  Municipal Solid Waste  Sludge  Voluntary Cleanup  SECTION IV: Pr  40. Name: Al Carroll J  42. Telephone Number	Districtions Districtions New Storr Wast	S Check all Program for additional guidar icts  Source Review Air  m Water  te Water  Information  ode 44. Fat	s and write in the pernce.  Edwards Aqui  OSSF  Title V Air  Wastewater A	mits/registrati  fer  griculture  41. Title:  45. E-Ma	☐ Emission ☐ Petrole ☐ Tires ☐ Water F	that will be affectons Inventory Air um Storage Tani Rights Civil Engin	ted by the updates Industrial R PWS Used Oil Other:	submitted on this  Hazardous Waste				

identified in field 39.

Company:	Tri-Tech Engineering, L.P. Job Title: Engineer						
Name (In Print):	Al Carroll, P.E.			Phone:	( 512 ) 440- <b>0222</b>		
Signature:				Date:			

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