Contributing Zone Plan

For

Fur and Feather Family Vet

18738 Forty Six Parkway Bulverde, TX 78070



Prepared By
Hill Country Civil, LLC
391 Landa St. Ste. 1204
New Braunfels, TX 78130
Ross Corder, PE





Application Cover Page

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

- Edwards Aquifer applications must be deemed administratively complete before a technical review can begin. To be considered administratively complete, the application must contain completed forms and attachments, provide the requested information, and meet all the site plan requirements. The submitted application and plan sheets should be final plans. Please submit one full-size set of plan sheets with the original application, and half-size sets with the additional copies.
 - To ensure that all applicable documents are included in the application, the program has developed tools to guide you and web pages to provide all forms, checklists, and guidance. Please visit the below website for assistance: http://www.tceq.texas.gov/field/eapp.
- 2. This Edwards Aquifer Application Cover Page form (certified by the applicant or agent) must be included in the application and brought to the administrative review meeting.
- 3. Administrative reviews are scheduled with program staff who will conduct the review. Applicants or their authorized agent should call the appropriate regional office, according to the county in which the project is located, to schedule a review. The average meeting time is one hour.
- 4. In the meeting, the application is examined for administrative completeness. Deficiencies will be noted by staff and emailed or faxed to the applicant and authorized agent at the end of the meeting, or shortly after. Administrative deficiencies will cause the application to be deemed incomplete and returned.
 - An appointment should be made to resubmit the application. The application is re-examined to ensure all deficiencies are resolved. The application will only be deemed administratively complete when all administrative deficiencies are addressed.
- 5. If an application is received by mail, courier service, or otherwise submitted without a review meeting, the administrative review will be conducted within 30 days. The applicant and agent will be contacted with the results of the administrative review. If the application is found to be administratively incomplete, it can be retrieved from the regional office or returned by regular mail. If returned by mail, the regional office may require arrangements for return shipping.
- 6. If the geologic assessment was completed before October 1, 2004 and the site contains "possibly sensitive" features, the assessment must be updated in accordance with the *Instructions to Geologists* (TCEQ-0585 Instructions).

Technical Review

- 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: Fur and Feather Family Vet				2. Regulated Entity No.:				
3. Customer Name: Scheibe Investments, LLC			4. Customer No.:					
5. Project Type: (Please circle/check one)	New	Modification			Extension Exception		Exception	
6. Plan Type: (Please circle/check one)	WPAP CZP	SCS	SCS UST AST EXP EXT		Technical Clarification	Optional Enhanced Measures		
7. Land Use: (Please circle/check one)	Residential	Non-residential		8. Site (acres):		e (acres):	2.22	
9. Application Fee:	4,000	10. Permanent BMI			BMP(s):	Batch Detention Pond	
11. SCS (Linear Ft.):	N/A	12. AST/UST (No. Tan			ıks):	N/A		
13. County:	Comal	14. Watershed:					Lewis Creek	

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%2oGWCD%2omap.pdf

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

Austin Region				
County:	Hays	Travis	Williamson	
Original (1 req.)	_	_	_	
Region (1 req.)	_	_	_	
County(ies)				
Groundwater Conservation District(s)	Edwards Aquifer AuthorityBarton Springs/ Edwards AquiferHays TrinityPlum Creek	Barton Springs/ Edwards Aquifer	NA	
City(ies) Jurisdiction	AustinBudaDripping SpringsKyleMountain CitySan MarcosWimberleyWoodcreek	AustinBee CavePflugervilleRollingwoodRound RockSunset ValleyWest Lake Hills	AustinCedar ParkFlorenceGeorgetownJerrellLeanderLiberty HillPflugervilleRound Rock	

San Antonio Region					
County:	Bexar	Comal	Kinney	Medina	Uvalde
Original (1 req.)	_	X		_	_
Region (1 req.)	_	X		_	_
County(ies)	_	X			_
Groundwater Conservation District(s)	Edwards Aquifer Authority Trinity-Glen Rose	X Edwards Aquifer Authority	Kinney	EAA Medina	EAA Uvalde
City(ies) Jurisdiction	Castle HillsFair Oaks RanchHelotesHill Country VillageHollywood ParkSan Antonio (SAWS)Shavano Park	X 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.			
Ross Corder, PE			
Print Name of Customer/Authorized Agent			
Ross T. Cole	05/06/2025		
Signature of Customer/Authorized Agent	Date		

**FOR TCEQ INTERNAL USE ONLY	**			
Date(s)Reviewed:	Date Ad	Date Administratively Complete:		
Received From:	Correct	Number of Copies:		
Received By:	Distribu	ıtion Date:		
EAPP File Number:	Comple	X:		
Admin. Review(s) (No.):	No. AR	No. AR Rounds:		
Delinquent Fees (Y/N):	Review	Time Spent:		
Lat./Long. Verified:	SOS Cus	stomer Verification:		
Agent Authorization Complete/Notarized (Y/N):	Fee	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):		



Application Form

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: Ross Corder, PE

Date: 05-06-2025

Signature of Customer/Agent:

Ress T. Cools

Regulated Entity Name: Fur and Feather Family Vet

Project Information

1. County: Comal

2. Stream Basin: Lewis Creek

3. Groundwater Conservation District (if applicable): Edwards Aquifer Authority

4. Customer (Applicant):

Contact Person: <u>Jenifer Scheibe</u>
Entity: <u>Fur and Feather Family Vet</u>
Mailing Address: 18738 Forty Six Pkwy

Email Address: jeniferscheibe@gmail.com

5.	Agent/R	epresentative (if any):		
	Entity: <u>H</u> Mailing A City, Sta Telepho	Person: <u>Ross Corder, PE</u> <u>Iill Country Civil</u> Address: <u>391 Landa St. Ste. 1</u> te: <u>New Braunfels</u> ne: <u>(210) 378-4953</u> Idress: <u>ross@hillcountrycivil</u>		Zip: <u>78130</u> Fax:
6.	Project l	_ocation:		
	The j	project site is located inside to project site is located outside diction) of project site is not located with	e the city limit	s but inside the ETJ (extra-territorial
7.	prov		onal staff can	ow. Sufficient detail and clarity has been easily locate the project and site
	<u>The</u>	location of the site is at 1873	88 Forty Six Pk	wy, Bulverde TX, 78070
8.				ng directions to and the location of the the boundary of the project site.
9.		chment B - USGS Quadrangl drangle Map (Scale: 1" = 200	•	y of the official 7 ½ minute USGS . The map(s) clearly show:
		Project site boundaries. JSGS Quadrangle Name(s).		
10.	proje	•	description is o	parrative description of the proposed consistent throughout the application and
	C I P P S P	Area of the site Offsite areas Impervious cover Permanent BMP(s) Proposed site use Site history Previous development Area(s) to be demolished		
11.	Existing	project site conditions are no	oted below:	
	Exist	ing commercial site ing industrial site ing residential site		

X Existing paved and/or unpaved roadsUndeveloped (Cleared)Undeveloped (Undisturbed/Not cleared)Other:
12. The type of project is:
Residential: # of Lots: Residential: # of Living Unit Equivalents: Commercial Industrial Other:
13. Total project area (size of site): 2.22 Acres
Total disturbed area: 2.22 Acres
14. Estimated projected population: <u>25</u>
15. The amount and type of impervious cover expected after construction is complete is sh

Table 1 - Impervious Cover

below:

Impervious Cover of Proposed Project	Sq. Ft.	Sq. Ft./Acre	Acres
Structures/Rooftops	4,027	÷ 43,560 =	0.09
Parking	25,265	÷ 43,560 =	0.58
Other paved surfaces		÷ 43,560 =	
Total Impervious Cover	29,292	÷ 43,560 =	0.67

Total Impervious Cover $\underline{0.67}$ ÷ Total Acreage $\underline{2.22}$ X 100 = $\underline{30}$ % Impervious Cover

16 . 🔀	Attachment D - Factors Affecting Surface Water Quality. A detailed description of all
	factors that could affect surface water quality is attached. If applicable, this includes the
	location and description of any discharge associated with industrial activity other than
	construction.

17. \boxtimes Only inert materials as defined by 30 TAC 330.2 will be used as fill material.

For Road Projects Only

Complete questions 18 - 23 if this application is exclusively for a road project.

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\times I	NI / A
/ N	14//

18. Type of project:
 TXDOT road project. County road or roads built to county specifications. City thoroughfare or roads to be dedicated to a municipality. Street or road providing access to private driveways.
19. Type of pavement or road surface to be used:
Concrete Asphaltic concrete pavement Other:
20. Right of Way (R.O.W.):
Length of R.O.W.: feet. Width of R.O.W.: feet. $L \times W = $ $Ft^2 \div 43,560 Ft^2/Acre = acres.$
21. Pavement Area:
Length of pavement area: feet. Width of pavement area: feet. L x W = Ft 2 ÷ 43,560 Ft 2 /Acre = acres. Pavement area acres ÷ R.O.W. area acres x 100 = % impervious cover.
22. A rest stop will be included in this project.
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 aut the land is so the requiren relating to O Each lot in the size. The sys	to treat and dispose of the chority's (authorized age uitable for the use of prinents for on-site sewage nested Sewage Facilities. In the project/development stem will be designed by	m Authorized Agent. An the wastewater from this nt) written approval is attwate sewage facilities and facilities as specified uncertainties at least one (1) acre (4 a licensed professional elinstaller in compliance were several elements.	site. The appropriate cached. It states that will meet or exceed der 30 TAC Chapter 285 3,560 square feet) in ngineer or registered
		: e wastewater to the	(name) Treatment
Existing. Proposed.			
⊠ N/A			
Gallons	- 33 if this project includ to 500 gallons.	rage Tanks(ASTs	
Table 2 - Tanks and	Substance Storage		
AST Number	Size (Gallons)	Substance to be Stored	Tank Material
1			
2			
3			
4			
5			
		Tot anent structure that is sized ity of the system. For fac	•

•	ystem, the containm cumulative storage c		ed to capture one and	d one-half (1 1/2)	
for providi		nment are proposed	ent Methods. Alterr d. Specifications sho		
29. Inside dimensi	ons and capacity of	containment struct	ure(s):		
Table 3 - Second	dary Containment	ŧ			
Length (L)(Ft.)	Width(W)(Ft.)	Height (H)(Ft.)	L x W x H = (Ft3)	Gallons	
			То	otal: Gallons	
 30. Piping: All piping, hoses, and dispensers will be located inside the containment structure. Some of the piping to dispensers or equipment will extend outside the containment structure. The piping will be aboveground The piping will be underground 31. The containment area must be constructed of and in a material impervious to the substance(s) being stored. The proposed containment structure will be constructed of: 					
32. Attachment H - AST Containment Structure Drawings. A scaled drawing of the containment structure is attached that shows the following:					
 ☐ Interior dimensions (length, width, depth and wall and floor thickness). ☐ Internal drainage to a point convenient for the collection of any spillage. ☐ Tanks clearly labeled ☐ Piping clearly labeled ☐ Dispenser clearly labeled 					
storage tar					
		pillage will be remo	oved from the contai	nment structure	

thr	he event of a spill, any spillage will be drained from the containment structure ough a drain and valve within 24 hours of the spill and disposed of properly. The in and valve system are shown in detail on the scaled drawing.
Site Plan	Requirements
tems 34 - 46 r	must be included on the Site Plan.
34. 🔀 The Site	e Plan must have a minimum scale of 1" = 400'.
Site Pla	an Scale: 1" = <u>20</u> '.
35. 100-year fl	loodplain boundaries:
is show No part The 100-ye	part(s) of the project site is located within the 100-year floodplain. The floodplain on and labeled. It of the project site is located within the 100-year floodplain. Ear floodplain boundaries are based on the following specific (including date of cources(s): Panel No. 48091C0380F, 09-02-09.
approp	rout of the development is shown with existing and finished contours at priate, but not greater than ten-foot contour intervals. Lots, recreation centers, gs, roads, etc. are shown on the site plan.
greater from th	rout of the development is shown with existing contours at appropriate, but not r than ten-foot contour intervals. Finished topographic contours will not differ the existing topographic configuration and are not shown. Lots, recreation s, buildings, roads, etc. are shown on the site plan.
37. 🔀 A drain	age plan showing all paths of drainage from the site to surface streams.
38. $igwide igwedge$ The dra	ainage patterns and approximate slopes anticipated after major grading activities.
39. 🔀 Areas c	of soil disturbance and areas which will not be disturbed.
	ons of major structural and nonstructural controls. These are the temporary and nent best management practices.
41. 🔀 Locatio	ons where soil stabilization practices are expected to occur.
42. 🗌 Surface	e waters (including wetlands).
⊠ N/A	
43. 🗌 Locatio	ons where stormwater discharges to surface water.
X There v	will be no discharges to surface water.
44. 🔲 Tempo	rary aboveground storage tank facilities.
	rary aboveground storage tank facilities will not be located on this site.

45. 🗌	Permanent aboveground storage tank facilities.
	Permanent aboveground storage tank facilities will not be located on this site.
46. 🖂	Legal boundaries of the site are shown.
Pern	nanent Best Management Practices (BMPs)
Practic	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.
	 The TCEQ Technical Guidance Manual (TGM) was used to design permanent BMPs and measures for this site. A technical guidance other than the TCEQ TGM was used to design permanent BMPs and measures for this site. The complete citation for the technical guidance that was used is:
	N/A
	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 per per who App	here 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 remanent BMPs must be recorded in the county deed records, with a notice that if the recent impervious cover increases above 20% or land use changes, the exemption for the cole site as described in the property boundaries required by 30 TAC §213.4(g) (relating to colication Processing and Approval), may no longer apply and the property owner must cify 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.

51.	family residential of impervious cover in recorded in the continuous above 20 the property bound	tor may waive the requirement for other permanent BMPs for multi- evelopments, schools, or small business sites where 20% or less used at the site. This exemption from permanent BMPs must be nty deed records, with a notice that if the percent impervious cover % or land use changes, the exemption for the whole site as described in aries required by 30 TAC §213.4(g) (relating to Application Processing no longer apply and the property owner must notify the appropriate ese changes.
	multi-famil or less imp BMPs and The site wil business si	I - 20% or Less Impervious Cover Waiver. The site will be used for residential developments, schools, or small business sites and has 20% rvious cover. A request to waive the requirements for other permanent easures is attached. be used for multi-family residential developments, schools, or small es but has more than 20% impervious cover. not be used for multi-family residential developments, schools, or small es.
52.	X Attachment J -	BMPs for Upgradient Stormwater.
	surface wa and flows a No surface and flows a Permanent water, grou	n of the BMPs and measures that will be used to prevent pollution of er, groundwater, or stormwater that originates upgradient from the site ross the site is attached. Vater, groundwater or stormwater originates upgradient from the site ross the site, and an explanation is attached. BMPs or measures are not required to prevent pollution of surface and water, or stormwater that originates upgradient from the site and the site, and an explanation is attached.
53.	X Attachment K	BMPs for On-site Stormwater.
	surface wa pollution co Permanent or groundv	n of the BMPs and measures that will be used to prevent pollution of er or groundwater that originates on-site or flows off the site, including used by contaminated stormwater runoff from the site is attached. BMPs or measures are not required to prevent pollution of surface water that originates on-site or flows off the site, including pollution on ontaminated stormwater runoff, and an explanation is attached.
54.	that prevent p	BMPs for Surface Streams. A description of the BMPs and measures lutants from entering surface streams is attached.
	⊠ N/A	
55.	proposed pern supervision of	Construction Plans . Construction plans and design calculations for the anent BMPs and measures have been prepared by or under the direct Texas Licensed Professional Engineer, and are signed, sealed, and ction 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
56. 🔀	Attachment N - Inspection, Maintenance, Repair and Retrofit Plan . 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:
	 ✓ Prepared and certified by the engineer designing the permanent BMPs and measures ✓ Signed by the owner or responsible party ✓ Outlines engific precedures for desumenting inspections, maintenance, repairs
	 Outlines specific procedures for documenting inspections, maintenance, repairs, and, if necessary, retrofit. Contains a discussion of record keeping procedures
	N/A
57. 🗌	Attachment O - Pilot-Scale Field Testing Plan . Pilot studies for BMPs that are not recognized by the Executive Director require prior approval from the TCEQ. A plan for pilot-scale field testing is attached.
\boxtimes	N/A
58. 🔀	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.
59. 🔀	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.
60. 🔀	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

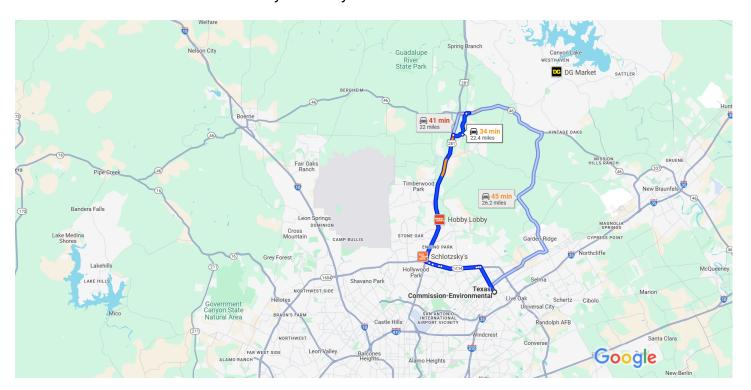
51. X	Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions.
52. <u>×</u>	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.



Attachment A-Location Map



Texas Commission-Environmental to 18738 Drive 22.4 miles, 34 min **Forty Six Pkwy**



Map data ©2024 Google 2 mi

Texas Commission-Environmental 14250 Judson Rd, San Antonio, TX 78233

Get on TX-1604 Loop W from Judson Rd

↑	1.	7 min (3.0 mi) Head southwest toward Judson Rd	
\rightarrow	2.	Turn right toward Judson Rd	
\rightarrow	3.	85 ft Turn right onto Judson Rd	
	f) mi)	Pass by AutoZone Auto Parts (on the right in 0.6	
\leftarrow	4.	Turn left onto N Loop 1604 E	
*	5.	Use the left lane to take the ramp onto TX-1604 Loop W	
		Loop w	

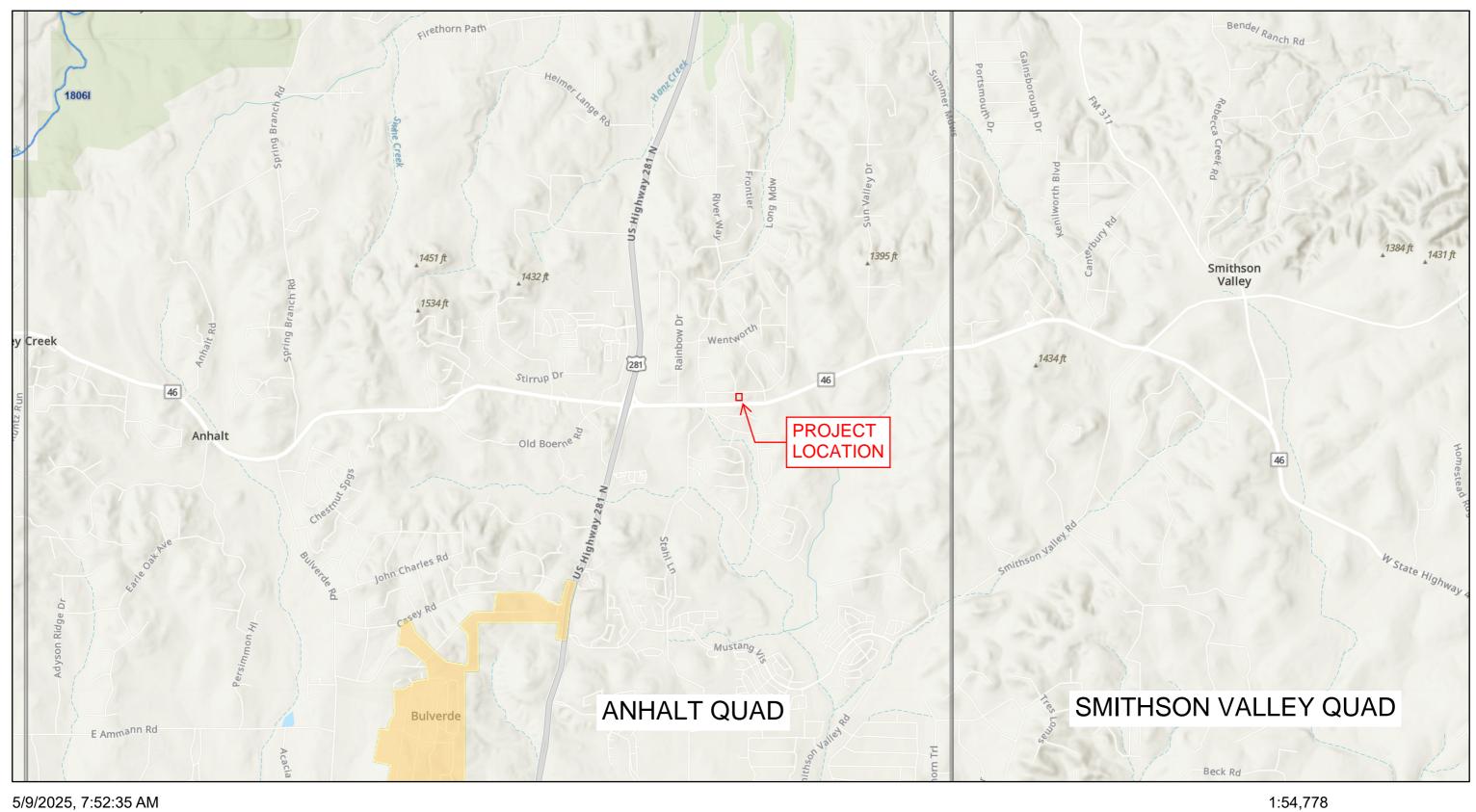
Continue on TX-1604 Loop W to N Loop 1604 E. Take the exit toward Redland Rd/Gold Canyon Dr from TX-1604 Loop W

2 min (2.0 mi)

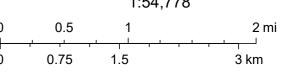


Attachment B-USGS Map

USGS QUADRANGLE MAP









Esri, NASA, NGA, USGS, FEMA, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, TCEQ



Attachment C-Narrative

Attachment C: Project Narrative

Fur and Feather Vet is a proposed vet office located at 18738 Forty Six Parkway Spring Branch, TX. The 2.22-acre property is located fully within the city limits of Bulverde and entirely inside of the Edwards Aquifer Contributing Zone. The tract is not located within a 100-Year Floodplain per FEMA Panel No. 48091C0220F. The site generally drains from the northwest to southeast. In accordance with 30 TAC Chapter 213, this CZP application is being submitted for the proposed development to occur onsite.

Existing impervious cover onsite consists of a portion of Forty Six Parkway that falls within the property limits. This is shown in the calculations as existing impervious cover of approximately 0.12-acres. Proposed development includes new building, new asphalt parking, concrete dumpster pad and other miscellaneous hardscape like sidewalks. The total post development impervious cover is calculated to be 0.67-acres. Given the tract is only 2.22 acres in size, a CZP would not be required on its own, as the disturbed area is under 5-acres. However, the overall development is being platted as part of the River Crossing 4 Subdivision, Lot 821. The overall subdivision is comprised of 74 lots, for a total of approximately 134.57 acres.

The proposed permanent BMP to treat the impervious cover is one (1) Batch Detention Pond adhering to TCEQ's Technical Guidance Manual (TGM) RG-348. Using the TCEQ provided spreadsheet, the Batch Pond has a treatment removal efficiency of 91%. Total Site generated TSS for the project is 494 lbs. The basin captures about 544 lbs of TSS.

There is some offsite drainage that runs through the site. This is being routed around the proposed batch detention pond.

Wastewater flows generated by the project will be treated by a new septic system sized to treat the new development. Potable water will be provided by Texas Water Company.





Attachment [)-Factors	Affecting	Surface	Water	Quality
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Attachment D: Factors Affecting Surface Water Quality

The list below are potential sources of pollution that may be reasonably expected to impact the quality of stormwater runoff from the site during construction.

- Hydrocarbons from asphalt paving construction
- Oil, fuel, grease and hydraulic fluid from construction equipment and automobiles
- Soil erosion due to site clearing, grading and demolition activities
- Trash, litter and construction debris from workers and construction activities
- Concrete truck washout
- Concrete/masonry
- Fertilizers
- Cleaning solvents

The list below are potential sources of pollution that may be reasonably expected to impact the quality of stormwater runoff from the site after construction or after development.

- Trash and litter typical of daily use from customers and tenants
- Oil, fuel, grease and hydraulic fluid from vehicles parked/traveling onsite
- Dirt and dust from landscape areas and vehicles
- Fertilizers
- Cleaning solvents





Attachment	F-Volume	and Charac	ter of S	tormwater
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Attachment E: Volume and Character of Stormwater

The Fur and Feather Family Vet site will generate stormwater typical of a commercial development, as outlined in the City of Bulverde Drainage Criteria Manual. Runoff will increase as a result of the development for all storm events. The proposed 100-year peak stormwater discharge is approximately 57 cfs with the utilization of the online Batch Detention Pond limiting runoff to the Existing Conditions. The runoff coefficient Curve Number (CN) changes from 78 to 84 for the project.





Attachment F-Suitability	y Letter from Authorized	Agent
Attacinite it i saltabilit	y Letter mom Authorized	ASCIIC



May 12, 2025

Mr. Blake Allison, P.E. Hill Country Civil

Via e-mail: blake@hillcountrycivil.com

Re: Fur and Feather Family Vet Suitability Letter within Comal County Texas

Dear Mr. Allison:

In accordance with TAC §213.24(8)(B), Comal County has found that the entire referenced site is suitable for the use of private sewage facilities and will meet the requirements for on-site sewage facilities.

If you have any questions or need additional information, please contact our office.

Sincerely,

Margaret Skulteti, P.E.

Comal County Assistant Engineer

cc: Doug Leecock, Comal County Commissioner, Precinct No. 1



Attachment J-BMPs for Upgradient Stormwater

Attachment J: BMPs for Upgradient Stormwater

Upgradient flows are intercepted and diverted by use of swales around the proposed BMPs. The proposed onsite batch detention pond is sized to treat all onsite flow, and impervious cover.





Attachment K-BMPs for On-site Stormwater

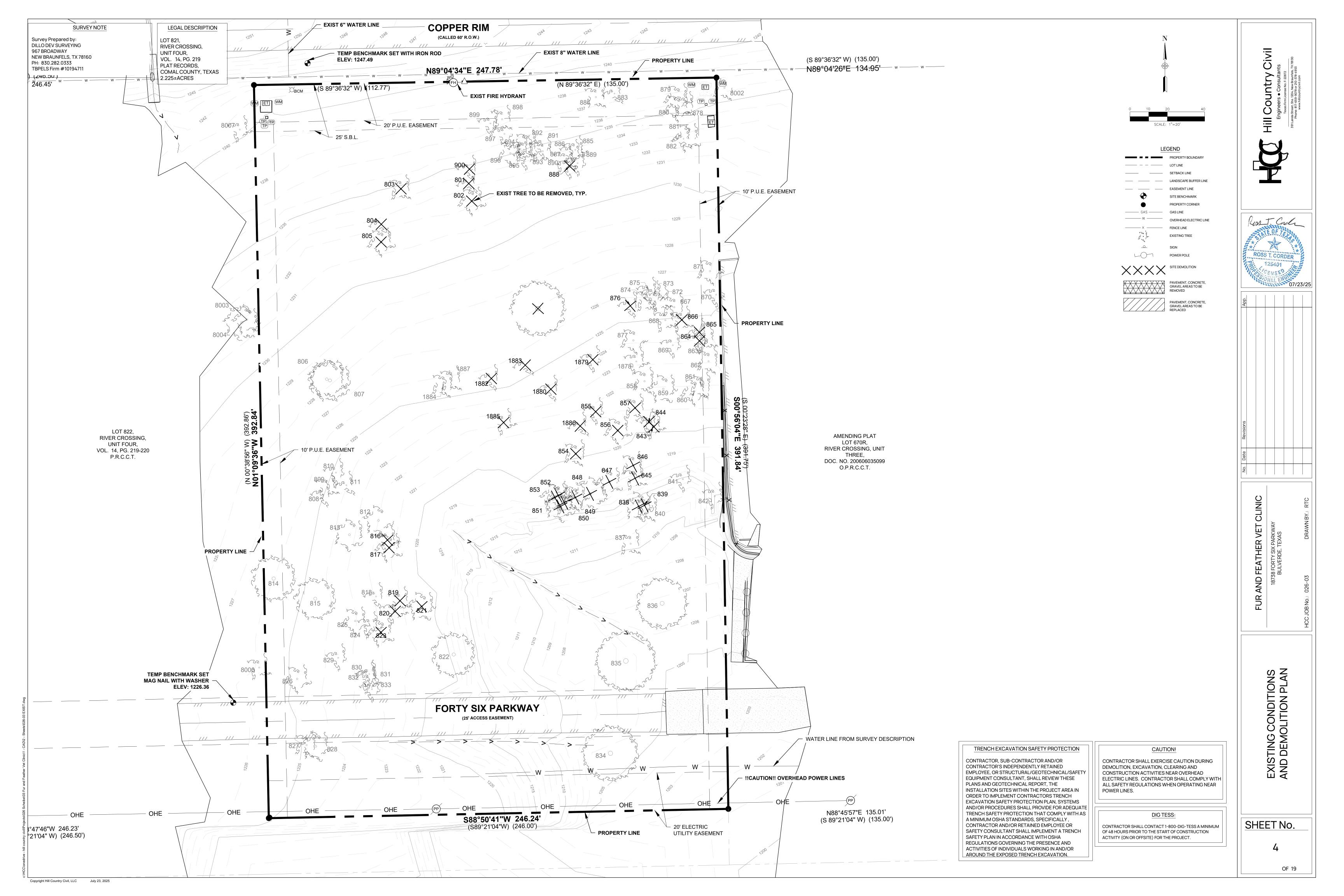
Attachment K: BMPs for On-Site Stormwater

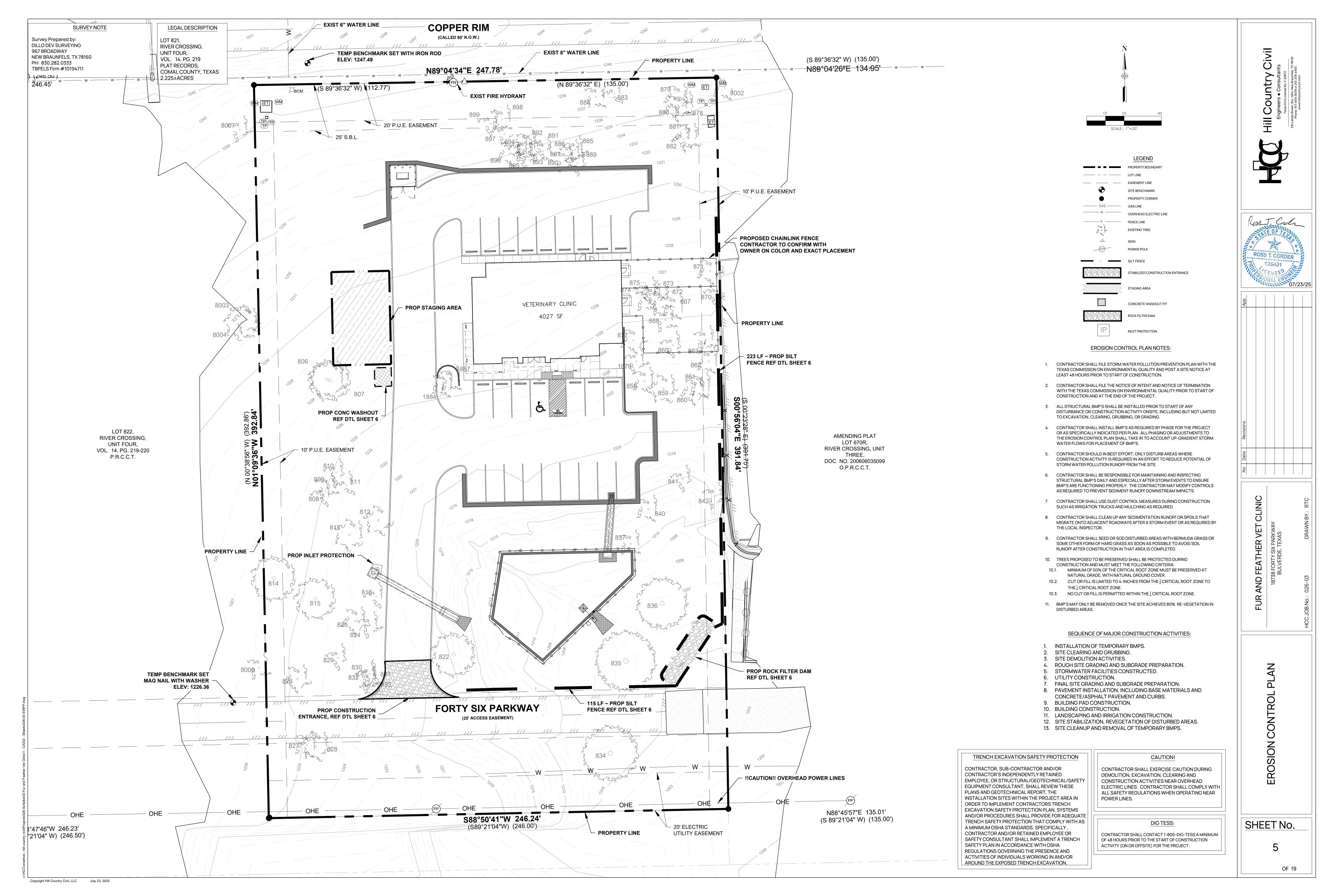
Proposed on-site BMPs include one (1) Batch Detention Pond designed in accordance with TCEQ's Technical Guidance Manual (TGM) RG-348. The Batch Detention Pond will be designed as an online facility. For online facilities the principal and emergency spillways must be sized to provide 1.0 foot of freeboard during the 25-year event and to safely pass the flow from the 100-year storm. The water quality volume required in the pond is 2,985 cuft. The overall volume of the pond is 10,426 cuft. Both the 25-year and 100-year storm events are contained within the pond. The Batch Detention Pond is sized to treat a total of 494 lbs of TSS generated by the site.





Attachment M-Construction Plans





LEGAL DESCRIPTION

LOT 821, RIVER CROSSING, UNIT FOUR, VOL. 14, PG. 219 PLAT RECORDS, COMAL COUNTY, TEXAS 2.225±ACRES

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY CONTRIBUTING ZONE PLAN GENERAL CONSTRUCTION NOTES

EDWARDS AQUIFER PROTECTION PROGRAM CONSTRUCTION NOTES - LEGAL DISCLAIMER 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 COMPREHENSIV LISTING OF RULES OR CONDITIONS TO BE FOLLOWED DURING CONSTRUCTION. FURTHER ACTIONS MAY BE REQUIRED TO ACHIEVE COMPLIANCE WITH TCEQ REGULATIONS FOUND IN TITLE 30, TEXAS ADMINISTRATIVE CODE (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 TCEO 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 INCLUDE:

THE NAME OF THE APPROVED PROJECT;THE ACTIVITY START DATE: AND

- THE CONTACT INFORMATION OF THE PRIME CONTRACTOR.
2. 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, ETC.

 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.

ALL EXCAVATED MATERIAL THAT WILL BE STORED ON-SITE MUST HAVE PROPER E&S CONTROLS.
 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

THE DATES WHEN STABILIZATION MEASURES ARE INITIATED.
 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

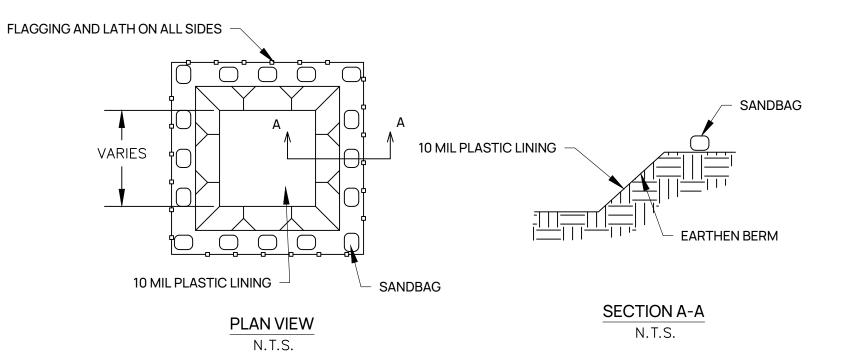
APPROVED

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

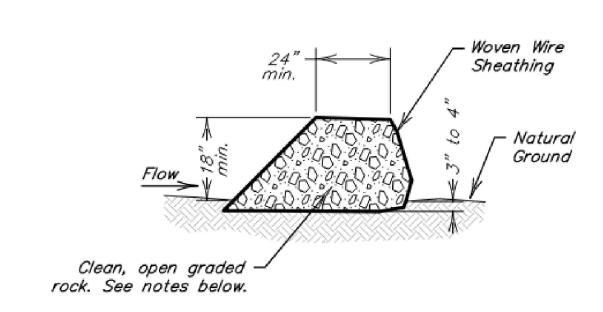


NOTES

 REFERENCE EROSION CONTROL PLAN. FIELD LOCATION AND LAYOUT TO BE ADJUSTED BY CONTRACTOR OUT IN FIELD. OR AS CONSTRUCTION PROGRESS.

CONCRETE WASHOUT DETAIL

N.T.S.



MATERIALS:

 The berm structure should be secured with a woven wire sheathing having a maximum opening of one (1) inch and a minimum wire diameter of 20 gauge galvanized and should be secured with shoat rings.

 Clean, open graded three (3) inch to five (5) inch diameter rock should be used, except in areas where high velocities or large volumes of flow are expected five (5) inch to eight (8) inch diameter rocks may be used.

INSTALLATION:

 Lay out the woven wire sheathing perpendicular to the flow line. The sheathing should be twenty (20) gauge woven wire mesh with one (1) inch openings.

 Berm should have a top width of two (2) feet minimum with side slopes being two to one (2H:1V) ratio slope or flatter.

3. Place the rock along the sheathing as shown above to a height not less than eighteen (18) inches.

4. Wrap the wire sheathing around the rock and secure with tie wire so that the ends of the sheathing overlap at least two (2) inches. The berm should retain its shape when walked upon.

Berm should be built along the contour at zero percent grade or as near as possible.
 The ends of the berm should be tied into existing up-slope grade and the berm should be buried in a trench approximately three (3) to four (4) inches deep to prevent failure of the

INSPECTION AND MAINTENANCE GUIDELINES:

Inspection should be made weekly and after each rainfall by the responsible party. For
installations in stream beds additional daily inspections should be made.

2. Remove sediment and other debris when buildup reaches six (6) inches and dispose of the

accumulated silt in a approved manner that will not cause any additional siltation.

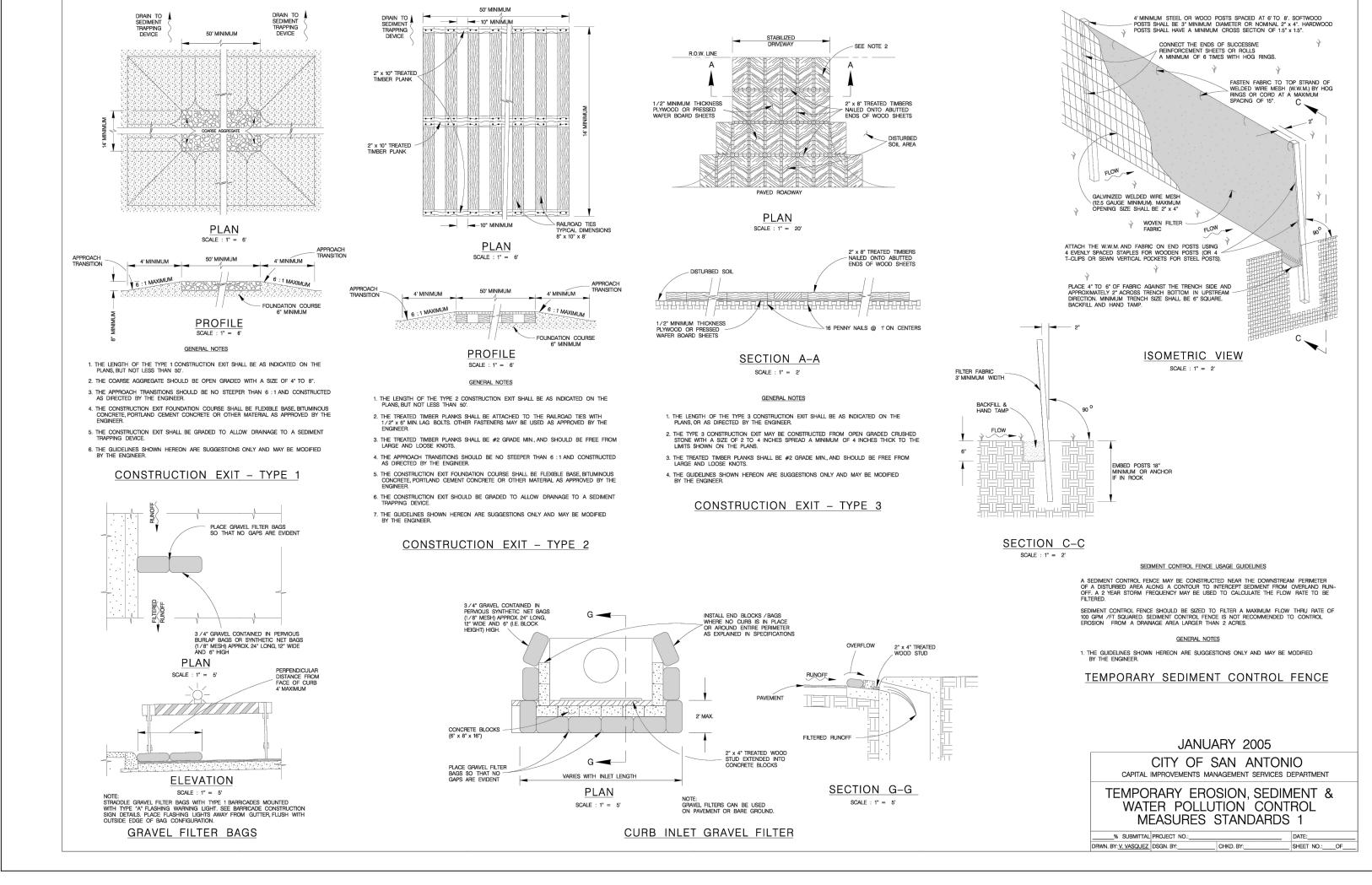
3. Repair any loose wire sheathing.

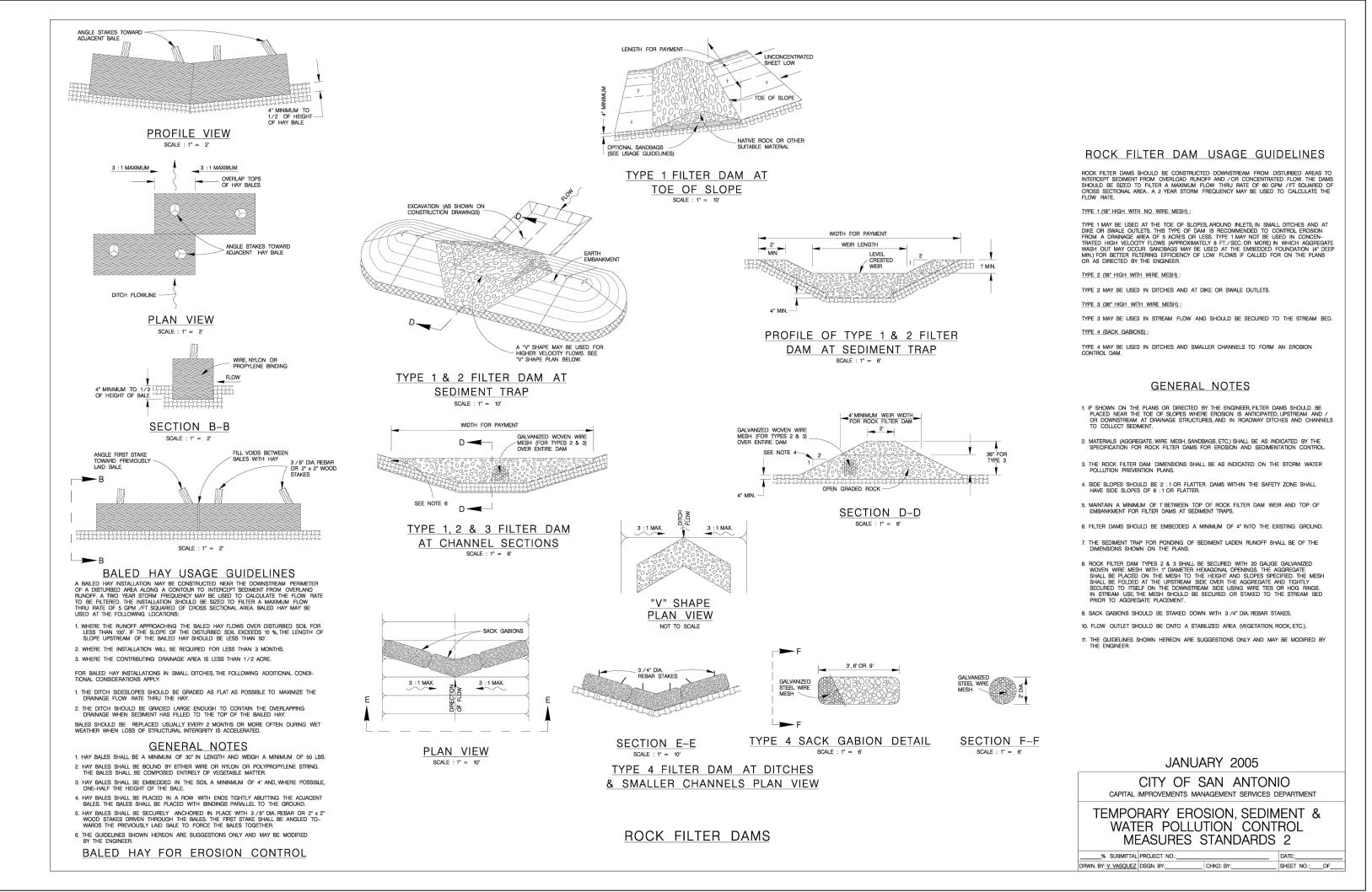
4. The berm should be reshaped as needed during inspection.

The berm should be replaced when the structure ceases to function as intended due to silt accumulation among the rocks, washout, construction traffic damage, etc.

The rock berm should be left in place until all upstream areas are stabilized and accumulated silt is removed.

ROCK BERM

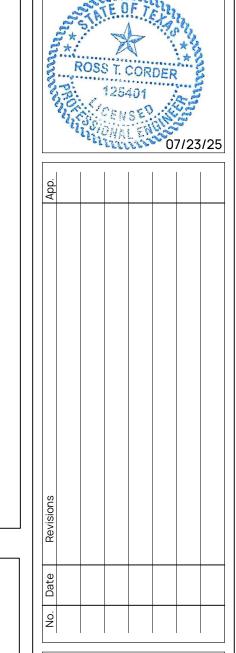








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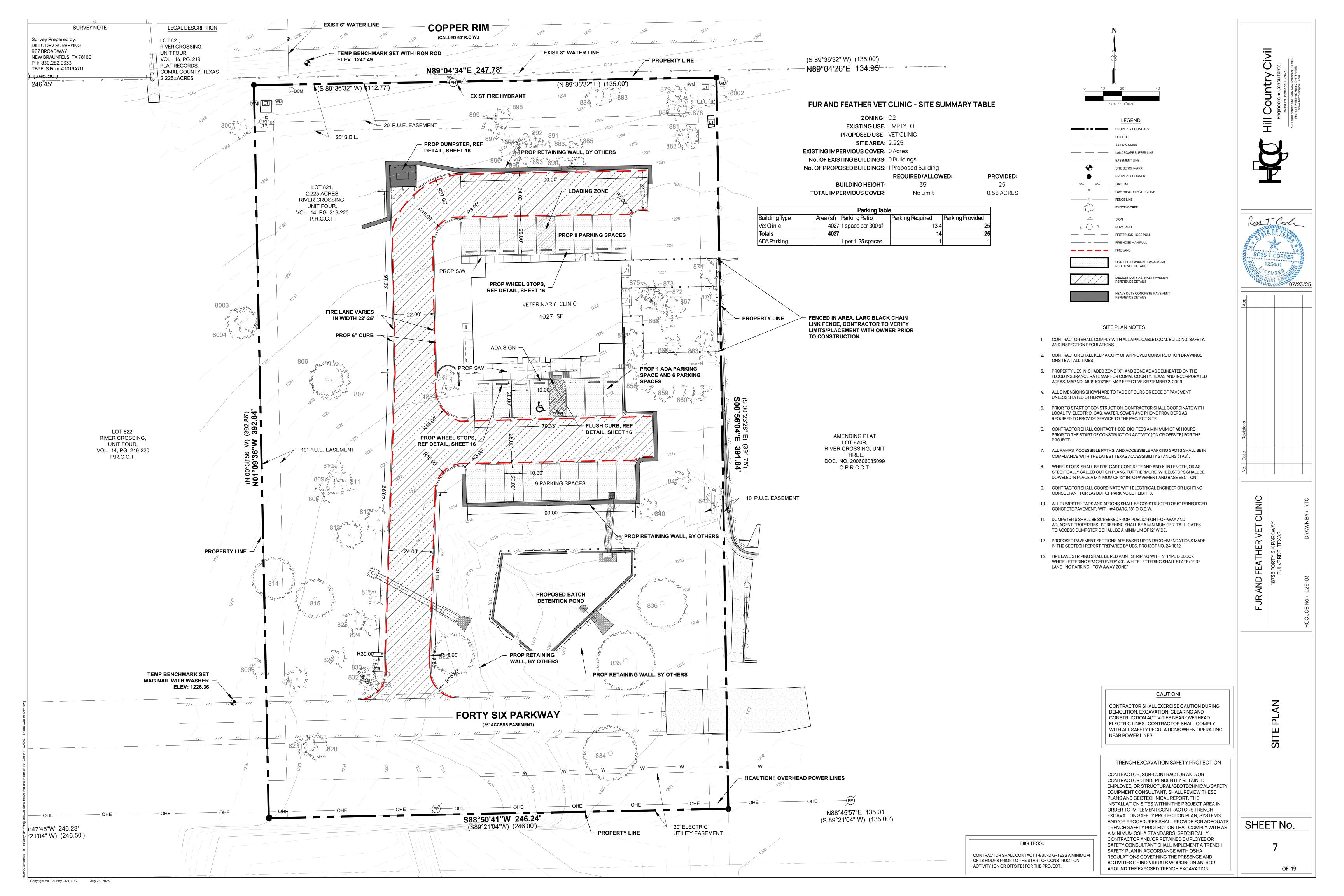


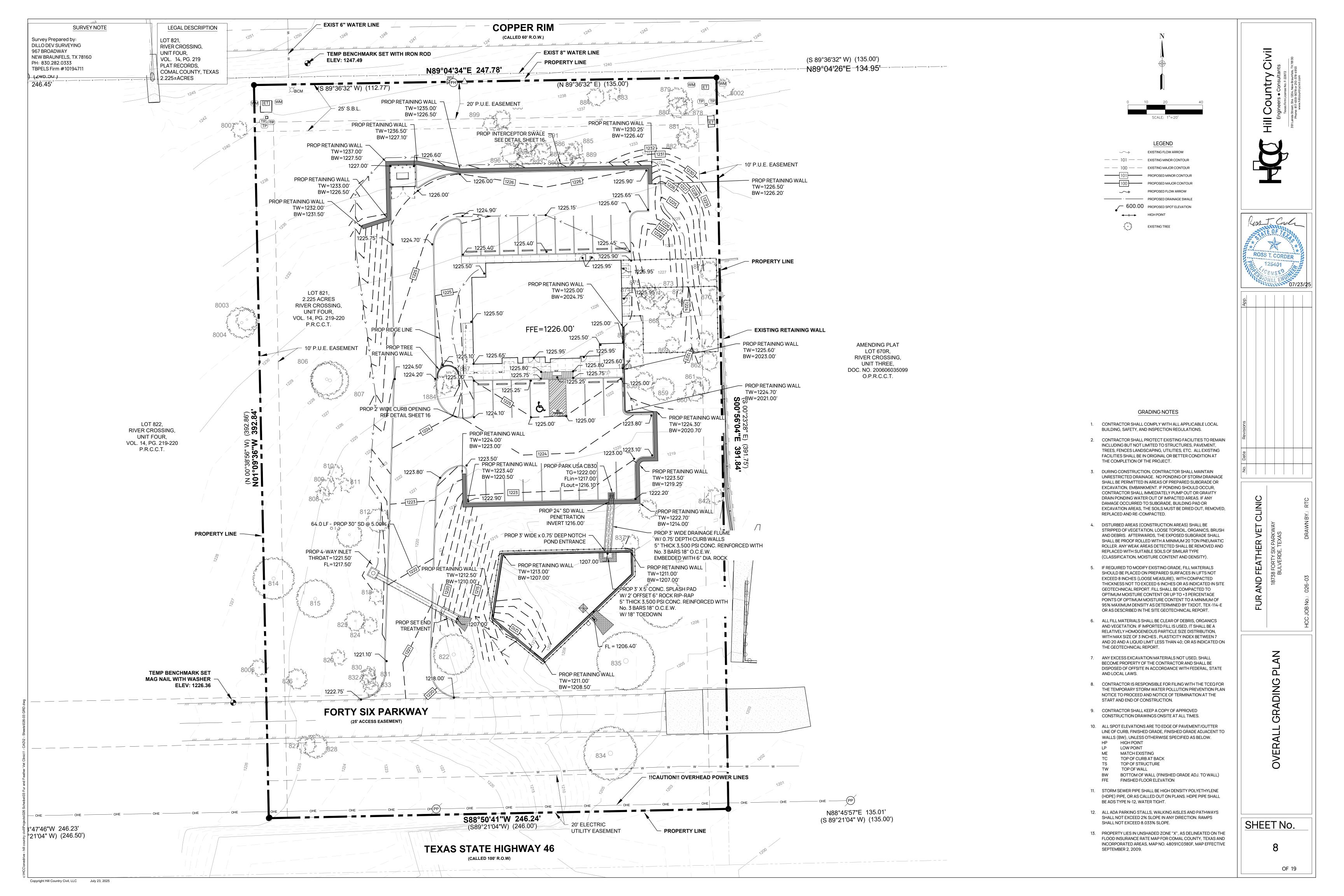
FUR AND FEATHER VET CLINIC
18738 FORTY SIX PARKWAY
BULVERDE, TEXAS

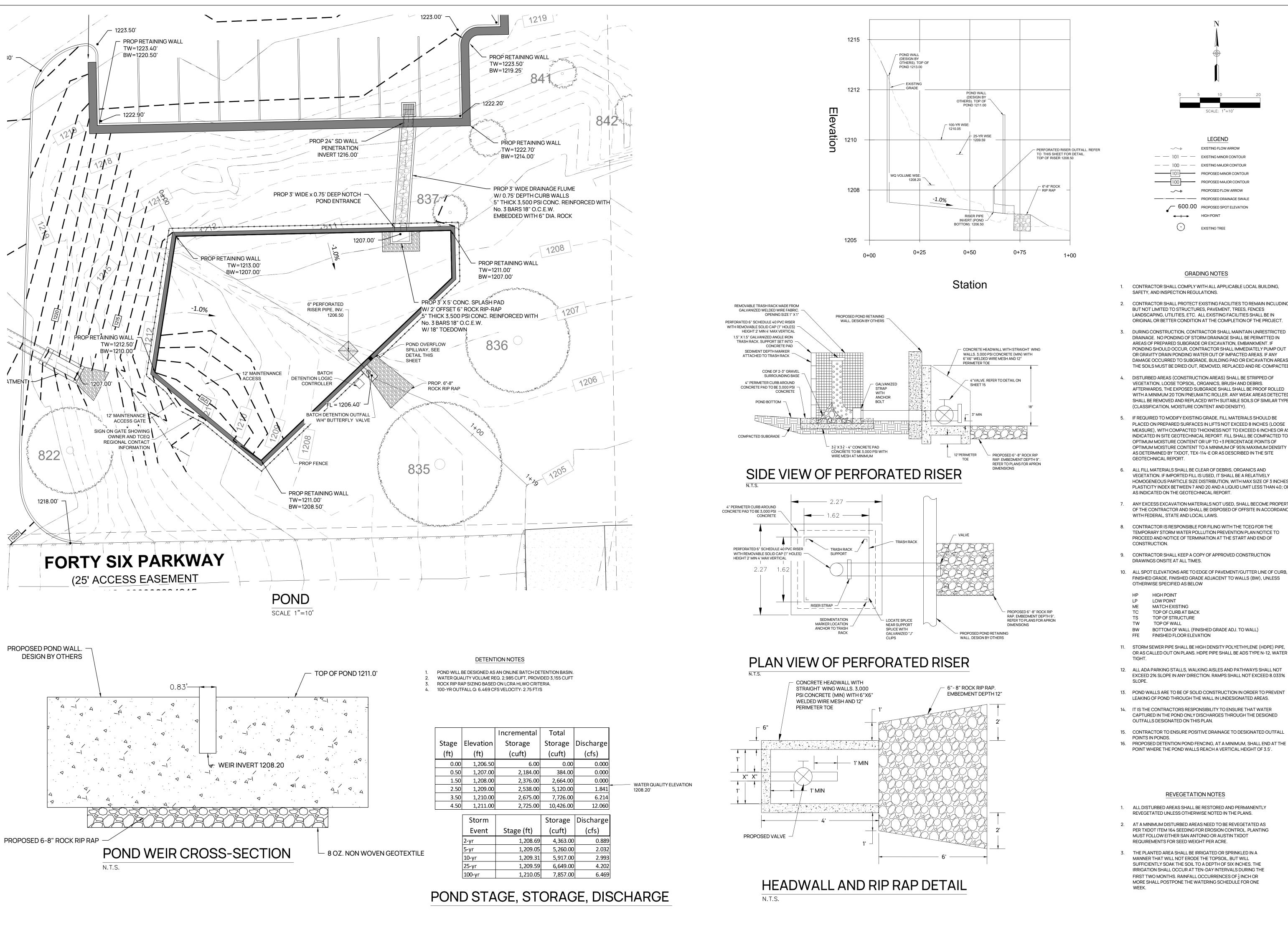
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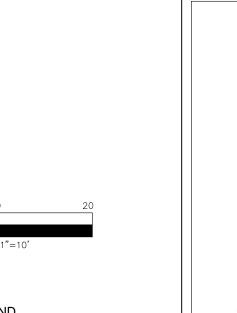
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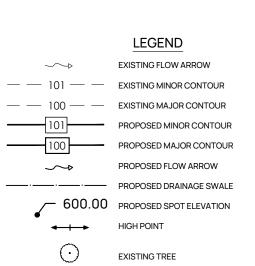






Copyright Hill Country Civil, LLC July 23, 2025





GRADING NOTES

- CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LOCAL BUILDING, SAFETY, AND INSPECTION REGULATIONS.
- CONTRACTOR SHALL PROTECT EXISTING FACILITIES TO REMAIN INCLUDING BUT NOT LIMITED TO STRUCTURES, PAVEMENT, TREES, FENCES LANDSCAPING, UTILITIES, ETC. ALL EXISTING FACILITIES SHALL BE IN ORIGINAL OR BETTER CONDITION AT THE COMPLETION OF THE PROJECT.
- DURING CONSTRUCTION. CONTRACTOR SHALL MAINTAIN UNRESTRICTED AREAS OF PREPARED SUBGRADE OR EXCAVATION, EMBANKMENT, IF PONDING SHOULD OCCUR, CONTRACTOR SHALL IMMEDIATELY PUMP OUT OR GRAVITY DRAIN PONDING WATER OUT OF IMPACTED AREAS. IF ANY DAMAGE OCCURRED TO SUBGRADE, BUILDING PAD OR EXCAVATION AREAS, THE SOILS MUST BE DRIED OUT, REMOVED, REPLACED AND RE-COMPACTED
- 4. DISTURBED AREAS (CONSTRUCTION AREAS) SHALL BE STRIPPED OF VEGETATION, LOOSE TOPSOIL, ORGANICS, BRUSH AND DEBRIS. AFTERWARDS, THE EXPOSED SUBGRADE SHALL SHALL BE PROOF ROLLED WITH A MINIMUM 20 TON PNEUMATIC ROLLER. ANY WEAK AREAS DETECTED SHALL BE REMOVED AND REPLACED WITH SUITABLE SOILS OF SIMILAR TYPE (CLASSIFICATION, MOISTURE CONTENT AND DENSITY).
- IF REQUIRED TO MODIFY EXISTING GRADE, FILL MATERIALS SHOULD BE PLACED ON PREPARED SURFACES IN LIFTS NOT EXCEED 8 INCHES (LOOSE MEASURE), WITH COMPACTED THICKNESS NOT TO EXCEED 6 INCHES OR AS INDICATED IN SITE GEOTECHNICAL REPORT. FILL SHALL BE COMPACTED TO OPTIMUM MOISTURE CONTENT OR UP TO +3 PERCENTAGE POINTS OF OPTIMUM MOISTURE CONTENT TO A MINIMUM OF 95% MAXIMUM DENSITY AS DETERMINED BY TXDOT, TEX-114-E OR AS DESCRIBED IN THE SITE GEOTECHNICAL REPORT.
- 6. ALL FILL MATERIALS SHALL BE CLEAR OF DEBRIS, ORGANICS AND VEGETATION. IF IMPORTED FILL IS USED, IT SHALL BE A RELATIVELY HOMOGENEOUS PARTICLE SIZE DISTRIBUTION, WITH MAX SIZE OF 3 INCHES, PLASTICITY INDEX BETWEEN 7 AND 20 AND A LIQUID LIMIT LESS THAN 40; OF AS INDICATED ON THE GEOTECHNICAL REPORT.
- ANY EXCESS EXCAVATION MATERIALS NOT USED, SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFFSITE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS.
- TEMPORARY STORM WATER POLLUTION PREVENTION PLAN NOTICE TO PROCEED AND NOTICE OF TERMINATION AT THE START AND END OF
- 9. CONTRACTOR SHALL KEEP A COPY OF APPROVED CONSTRUCTION DRAWINGS ONSITE AT ALL TIMES.
- 10. ALL SPOT ELEVATIONS ARE TO EDGE OF PAVEMENT/GUTTER LINE OF CURB, FINISHED GRADE, FINISHED GRADE ADJACENT TO WALLS (BW), UNLESS OTHERWISE SPECIFIED AS BELOW
- BOTTOM OF WALL (FINISHED GRADE ADJ. TO WALL) FINISHED FLOOR ELEVATION
- OR AS CALLED OUT ON PLANS. HDPE PIPE SHALL BE ADS TYPE N-12, WATER
- 13. POND WALLS ARE TO BE OF SOLID CONSTRUCTION IN ORDER TO PREVENT
- 14. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT WATER CAPTURED IN THE POND ONLY DISCHARGES THROUGH THE DESIGNED OUTFALLS DESIGNATED ON THIS PLAN.
- 15. CONTRACTOR TO ENSURE POSITIVE DRAINAGE TO DESIGNATED OUTFALL
- 16. PROPOSED DETENTION POND FENCING, AT A MINIMUM, SHALL END AT THE POINT WHERE THE POND WALLS REACH A VERTICAL HEIGHT OF 3.5'.

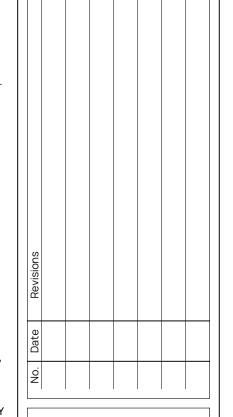
REVEGETATION NOTES

- ALL DISTURBED AREAS SHALL BE RESTORED AND PERMANENTLY REVEGETATED UNLESS OTHERWISE NOTED IN THE PLANS.
- AT A MINIMUM DISTURBED AREAS NEED TO BE REVEGETATED AS PER TXDOT ITEM 164 SEEDING FOR EROSION CONTROL. PLANTING MUST FOLLOW EITHER SAN ANTONIO OR AUSTIN TXDOT REQUIREMENTS FOR SEED WEIGHT PER ACRE.
- THE PLANTED AREA SHALL BE IRRIGATED OR SPRINKLED IN A MANNER THAT WILL NOT ERODE THE TOPSOIL, BUT WILL SUFFICIENTLY SOAK THE SOIL TO A DEPTH OF SIX INCHES. THE IRRIGATION SHALL OCCUR AT TEN-DAY INTERVALS DURING THE FIRST TWO MONTHS. RAINFALL OCCURRENCES OF $\frac{1}{2}$ INCH OR MORE SHALL POSTPONE THE WATERING SCHEDULE FOR ONE



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<u>Certification</u> – All of the components described below meet TCEQ's batch detention specifications for a 91% Total Suspended Solid removal rate. See attached logic flow chart for overview of system

- Valve 4" or 6", cast iron, actuated by an electric motor, valve placed in concrete vault when installed below ground, valve placed on concrete pad due to weight
- Actuator low voltage motor mounted on top of valve, bolted in place to concrete vault ceiling Extended bonnet - Cold rolled steel stem extension that connects valve to actuator when valve
- is used in subgrade applications, stainless steel flanges Main board – 24-volt panel that controls all aspects of batch control system
- Batteries two 12-volt 35 amp/hr. sealed lead acid (SLA) connected in series
- Solar Panel 24-volt 30-watt. One charge controller regulates solar panel power for batch control system.
- Sensor 1 float switch mounted on trash rack that indicates when water present in pond and when pond is empty • Sensor 2 – position sensor in actuator – determines the orientation of the valve to control positions for start and

Controller Programming – All functions of the system are factory programmed which allows the control box, valve, and actuator to received and send commands on their own based on environmental conditions without any human interaction. Manual mode to override switch to open and close valve by flip of a switch and to test all components

- Improper valve function
- Low battery

can be turned to open or close valve manually, easy-to-read position indicator displays open/closed valve position

- Batteries Sealed lead acid batteries can have a design life of anywhere from 3-5 years. Many factors affect service life of the battery, temperature being ones of those factors. Recommended replacement is every 3-5 years.

in the detailed scope of work sheet shall guarantee the installation of all products and material according to manufacturer's written instructions and construction industry standards.



For additional information please contact Rainwater Specialists 512-677-7246 www.txrws.com

ZU

during inspections. Reset button to reset controller.

Alerts - The main board will illuminate an exterior red light for the following conditions:

- Sensor 1 float switch inoperable

Manual Control - In case of electronic inoperability or failed actuator, an effortless clutchless handwheel on the actuator

Service Schedule:

- Batteries can be tested annually to determine remaining life expectancy. Battery terminals to be inspected annually.
- Solar Panel(s) Solar panels last 25-30 years. Annual inspection of the batch detention system should verify the surface of the solar panel is clean, facing south, is secure, and has no debris/trees blocking panel from sun.

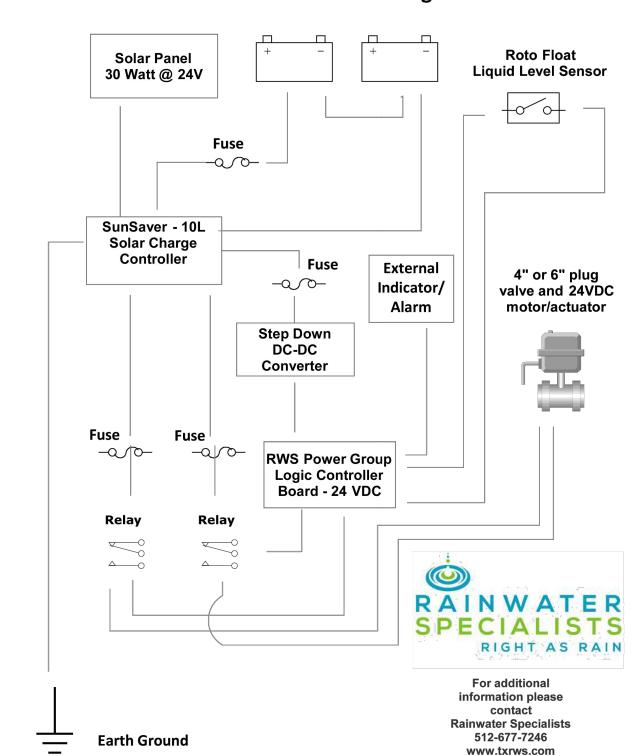
Quality Installation - Rainwater Specialists, LLC agrees to perform in a good and workmanlike manner. All work detailed

Electric Actuated Butterfly Valves

Ductile Iron Lug Body ASME 150# 5673

2" to 6" Pipe

Circuit Block Diagram



RAINWATER **SPECIALISTS**

Rainwater Specialists, LLC 15001 Crosscreek Dr. Austin, TX 78737 www.rainwaterspecialists.com 512-677-RAIN

System Power Consumption – 6.15 AH/day or ~75 wh/day average @ 8 valve turns maximum/week, sized for

Solar Panel - Solarland 30 Watt, 24 Volts polycrystalline solar module with junction box. Vmp: 34.4V, Imp:

Valworx.

• Direct mount lug butterfly valve with ISO5211 mount

- Epoxy coated ductile iron body with 316 SS disc Unique wave line seat reduces torque and extends seal life
- Visual valve position indicator
- Rugged aluminum Type 4X weatherproof actuator
- Heavy duty motors with overload protection • Thermostatically controlled anti-condensation heater
- Manual override with end of travel mechanical stops
- Two auxiliary position confirmation limit switches
- EPS Electronic Positioning System models available Actuators CSA Listed per UL429 and CSA C22.2

Applications

EPDM seals typically used for on-off control of water and other compatible media. NBR (Buna-N) seals typically used for air, oil, vacuum and other compatible media. FPM (Viton) seals typically used for on-off control of hydrocarbons, oils and other compatible chemicals/media. Suitable for use with ANSI/ASME Class 125/150 pipe flanges. Actuators designed for 70% duty cycle.

Operation

On-Off electric actuated valve uses power-to-open and power-to-close, stays in the last known position with loss of power. On receipt of a continuous voltage signal, the motor runs and via a rugged all metal gear system rotates the ball 90°. The motor is automatically stopped by internal cams striking limit switches. On receipt of a reversing continuous signal, the motor turns in the opposite direction reversing the valve position. Power connections direct to terminal strip via included cable connector, or optional 1/2" NPT conduit adapters.

Construction

Doc: 5673.1121

Epoxy coated ductile iron
316 stainless steel CF8M
EPDM, NBR (Buna-N) or FPM (Viton)
420 stainless steel / (2) v-ring, same material as seat
Heavy duty alloy steel and aluminum bronze, self locking
Aluminum, polyester powder painted, Type 4X, IP67
Clear polycarbonate window, ,red/yellow open-closed
Stainless Steel
2 x SPDT (125VAC/5A)

Cornelius, N.C. • USA

Electric operated direct mount butterfly valves

with epoxy- coated ductile iron lug body are designed for commercial and industrial applications. Valve mounts between two standard ANSI/ASME Class 150 flanges and includes integral molded flange gaskets. Disc is precision machined 316SS. Two piece stem and disc design enhances the flow capacity and reduces turbulence. Rugged corrosion resistant electric actuator includes a manual override, valve position confirmation switches, thermostatically controlled anticondensation heater, and over-torque protec-

Approvals

Actuators CSA Listed to:

- UL429 and CSA C22.2 no 139 - Type 4X, IP67 weatherproof

enclosure CE conformance

- ISO5211 Mounting • Design complies with API-609, MSS SP-

Tests per API-598, AWWA C502-87 • CE according to PED 97/23/EC, ISO5208

www.valworx.com

Valworx.

Electric Actuated Butterfly Valves | SERIES Ductile Iron Lug Body ASME 150# 5673 Features and P/T Chart



information please



Batch Valve Control System Programmable Logic Flow Chart

detention time passes, BV opens

allow any remaining shall water to be discharged



www.valworx.com

Pressure Rating

Pressure Rating: 230 PSI (16 Bar), Vacuum 29in Hg

Temperature Rating

Actuator Temperature Rating: -13 to 131° F (-25 to 55° C) Valve Temperature Rating: EPDM seals 0 to 248° F (-18 to 120°C) NBR (Buna-N) seals 5 to 185° F (-15 to 85°C) FPM (Viton) seals 5 to 338° F (-15 to 170°C)

Doc: 5673.1121

Cornelius, N.C. • USA

Ground Mount Controller and Battery Enclosure



• Standard boxes are fabricated from .125" thick 5052--H32 aluminum

 Standard finish is a bright white polyester powder--coat inside and out

 Heavy--duty stainless steel continuous Heavy--duty stainless steel continuous hinge

 Built to NEMA 3R specifications Seams are continuously welded and then sanded Filtered or screened ventilation louvers

Two 7/8" diameter wire holes

Adjustable tension stainless steel padlock hasp

Hinged front door with PORON door gasket

Removable component mounting plate

smooth

Supplied with u--bolts (when pole specified)

RWS Above-Ground Batch Valve Level Sensor/Float Switch Concrete Pad (By Others) (By Others) For additional information please contact RAINWATER Rainwater Specialists SPECIALISTS 512-677-7246 RIGHT AS RAIN

Batch Detention Pond Solar Specifications and Performance

5 days of autonomy

Control Board System – 24VDC PCB with error indication and remote cell output

Valve – 24 VDC @ 9 amps, one turn @ 16 seconds

0.87A, Voc: 43.2V, Isc: 0.96A. 21.3" x 20.08" x 1.18", 8.27 lbs.

Charge controller - SunSaver 10 10 Amp, 24 Volt solar charge controller with LVD 6' x 2.18' x 1.32'

Batteries - Universal Power Group UB12350(Group U1) 12V 35 amph 7.68" x 5.16" x 6.14" 23.15lbs

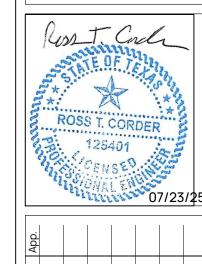
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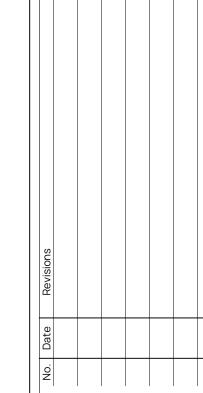
OF 19

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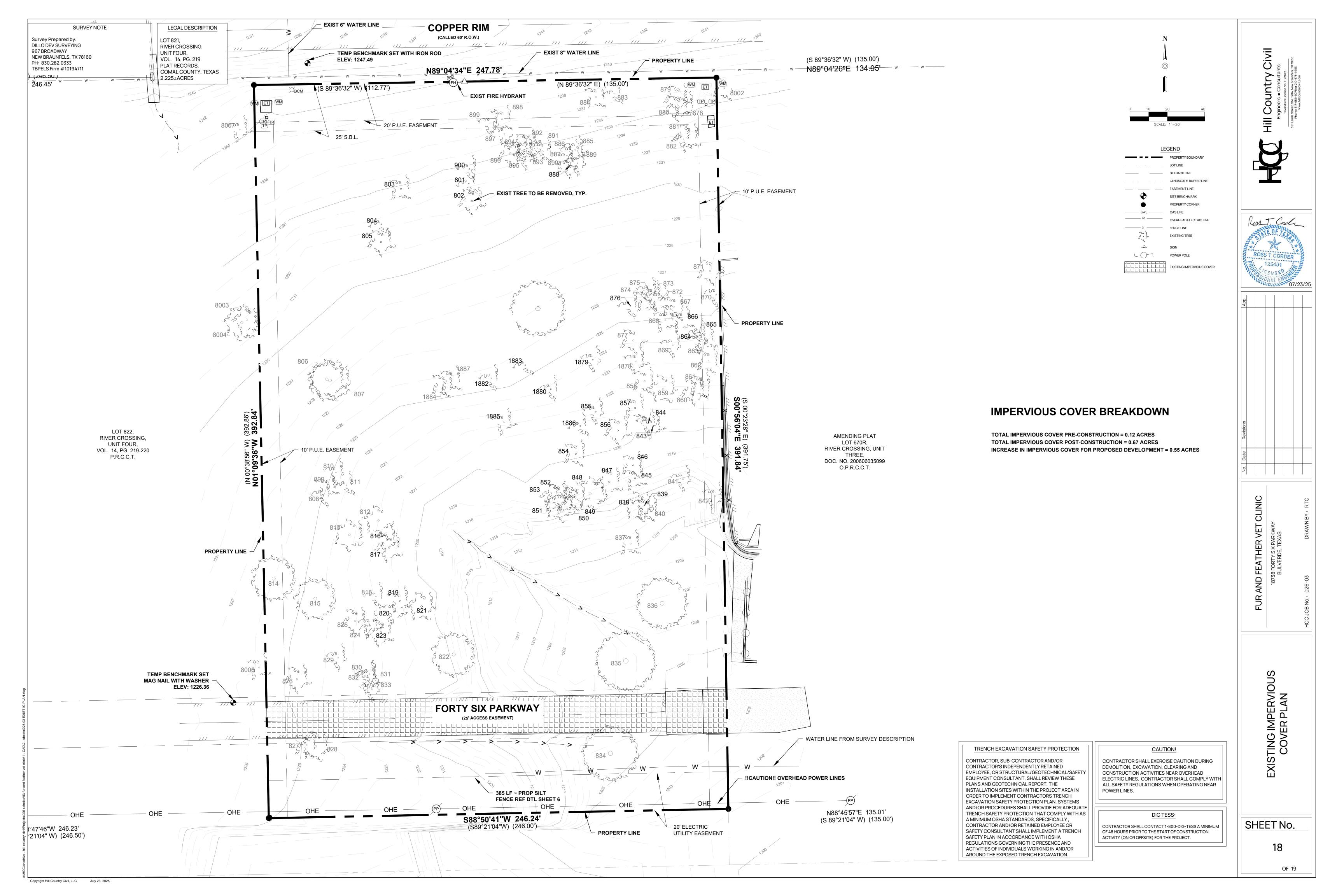


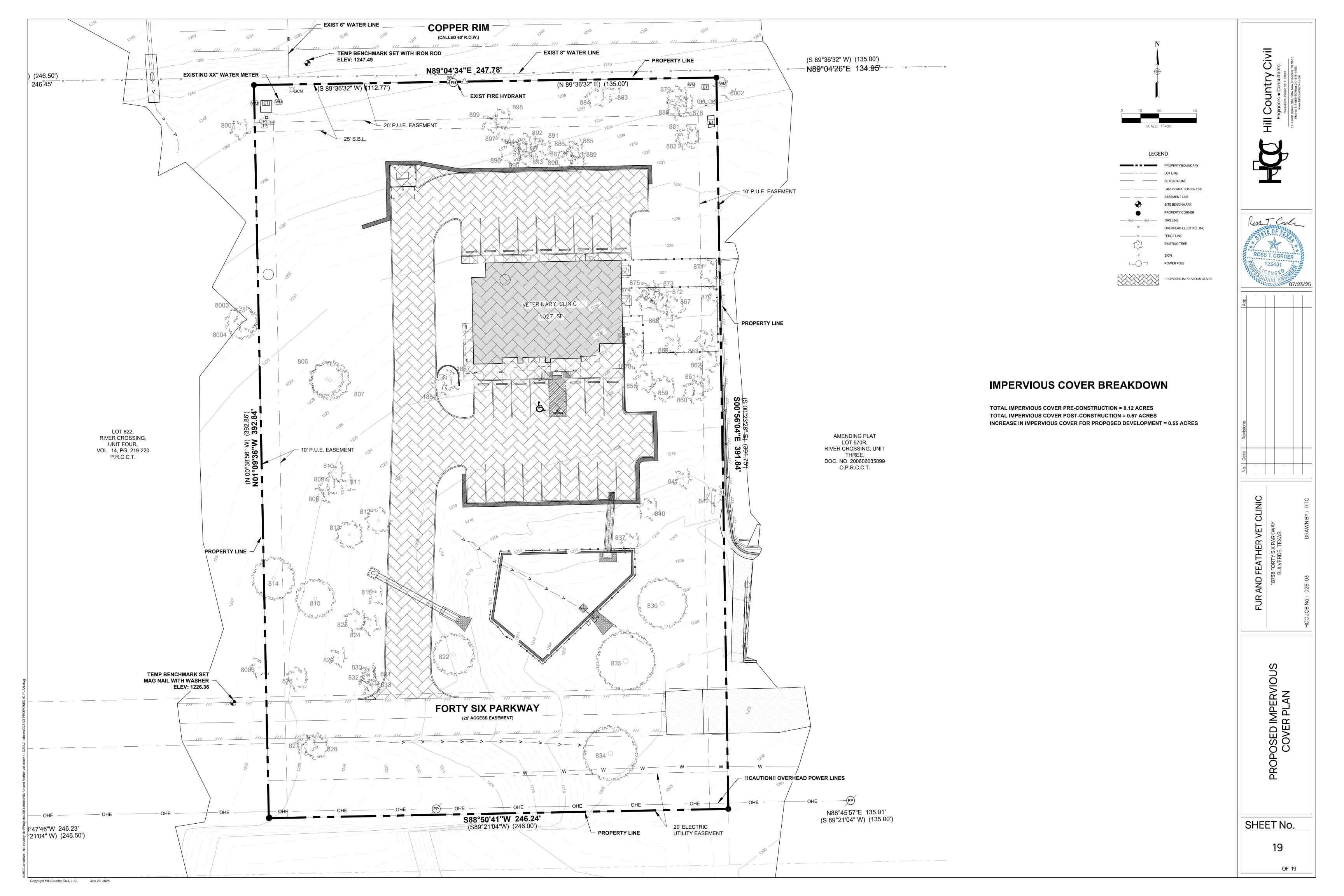


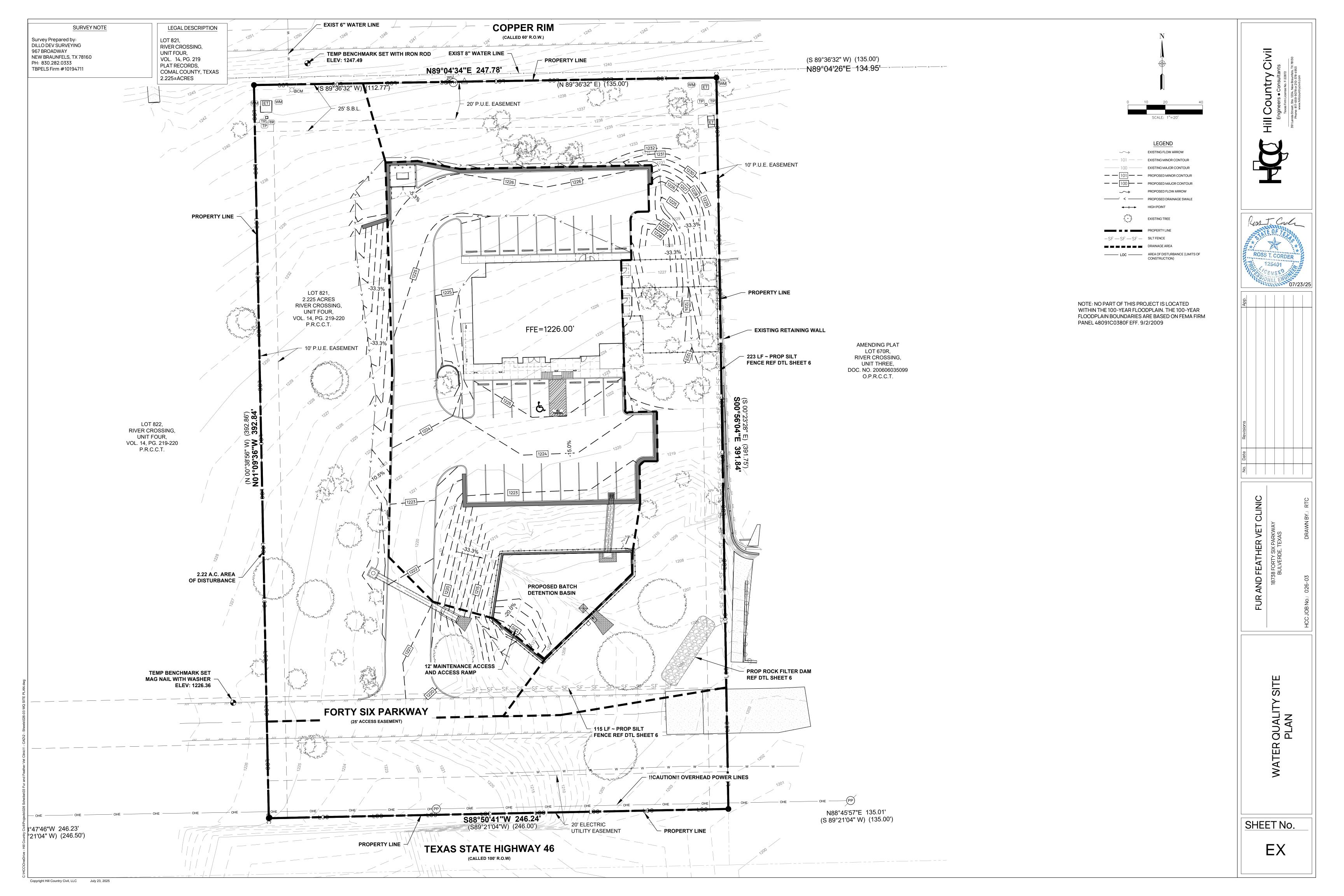


FEATHER VET AND

EN







Project Name: FUR AND FEATHER
Date Prepared: 7/23/2025

Additional information is provided for cells with a red triangle in the upper right corner. Place the cursor over the cell. Text shown in blue indicate location of instructions in the Technical Guidance Manual - RG-348.

Text shown in the dark that entry fields.

Characters shown in black (Bold) are calculated fields. Changes to these fields will remove the equations used in the spreadsheet.

1. The Required Load Reduction for the total project:

Calculations from RG-348 Pages 3-27 to 3-30

Page 3-29 Equation 3.3: L_M = 27.2(A_N x P)

L_{M TOTAL PROJECT} = Required TSS removal resulting from the proposed development = 80% of increased load

A_N = Net increase in impervious area for the project
P = Average annual precipitation, inches

Site Data: Determine Required Load Removal Based on the Enfine Project.

Comt = Court = Court

 $L_{\rm M.TOTAL PROJECT}$ = 494 lbs. * The values entered in these fields should be for the total project area.

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

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

Drainage Basin/Outfall Area No. = 1 Total drainage basin/outfall area = 0.72 acres
Predevelopment impervious area within drainage basin/outfall area = 0.04 acres
Post-development impervious fraction within drainage basin/outfall area = 0.52 acres
Post-development impervious fraction within drainage basin/outfall area = 0.72
Post-development impervious fraction within drainage basin/outfall area = 0.72

**Total Acres Acres

3. Indicate the proposed BMP Code for this basin.

Proposed BMP = Batch Detention
Removal efficiency = 91 percent

Aqualogic Cartridge Filter
Bioretention
Contech StommFilter
Constructed Mediand
Stormceptor
Vegetated Filter Strips
Vortechs
Wet Basin
Wet Sasin
Wet Sasin

ulate Maximum TSS Load Removed (L R) for this Drainage Basin by the selected BMP Type.

RG-348 Page 3-33 Equation 3.7: L_R = (BMP efficiency) x P x (A_t x 34.6 + A_P x 0.54)

 $A_{\rm C}$ = Total On-Site drainage area in the BMP catchment area $A_{\rm F}$ = Impervious area proposed in the BMP catchment area $A_{\rm F}$ = Pervious area remaining in the BMP catchment area $A_{\rm F}$ = St. Load removed from this catchment area by the proposed BMP

 $\begin{array}{lll} A_{\rm C} = & 0.72 & \text{acres} \\ A_{\rm I} = & 0.52 & \text{acres} \\ A_{\rm P} = & 0.20 & \text{acres} \\ L_{\rm R} = & 544 & \text{lbs} \end{array}$

F = 0.91

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

Calculations from RG-348 Pages 3-36 to 3-37

Off-site area draining to BMP = 0.00 acres
Off-site Impervious cover draining to BMP = 0.00 acres
Impervious fraction of off-site area = 0
Off-site Wartor Coefficient = 0.00 cubic feet
Off-site Water Quality Volume = 0 cubic feet

Storage for Sediment = 497

Total Capture Volume (required water quality volume(s) x 1.20) = 2985 cubic feet lowing sections are used to calculate the required water quality volume(s) for the selected BMP. 0.07 Acre-ft

Pages 3-42 to 3-46

Required Water Quality Volume for retention basin = NA cubic feet

Irrigation Area Calculations:

Soil infiltration/permeability rate = 0.1 in/hr Enter
Irrigation area = NA square feet
NA acres

8. Extended Detention Basin System Designed as Required in RG-348 Pages 3-46 to 3-51

Required Water Quality Volume for extended detention basin = NA cubic feet

9. Filter area for Sand Filters Designed as Required in RG-348 Pages 3-58 to 3-63

9A. Full Sedimentation and Filtration System

Water Quality Volume for sedimentation basin = NA cubic feet Minimum filter basin area = NA square feet

Maximum sedimentation basin area = NA square feet For minimum water depth of 2 feet
Minimum sedimentation basin area = NA square feet For maximum water depth of 8 feet

9B. Partial Sedimentation and Filtration System

Water Quality Volume for combined basins = NA cubic feet

Minimum filter basin area = NA square feet

Maximum sedimentation basin area = NA square feet For minimum water depth of 2 feet Minimum sedimentation basin area = NA square feet For maximum water depth of 8 feet For maximum water depth of 8 feet

Designed as Required in RG-348 Pages 3-63 to 3-65

Required Water Quality Volume for Bioretention Basin = NA cubic feet

Designed as Required in RG-348 Pages 3-66 to 3-71 11. Wet Basins

Rus T Cole ROSS T. C. 125401 CENS CONAL TO 07/23/25 Designed as Required in RG-348 Pages 3-71 to 3-73 12. Constructed Wetlands

Required Water Quality Volume for Constructed Wetlands = NA cubic feet

13. AquaLogic[™] Cartridge System. Pages 3-74 to 3-78 Designed as Required in RG-348

** 2005 Technical Guidance Manual (RG-348) does not exempt the required 20% increase with maintenance contract with AquaLogic

 $\begin{array}{cccc} \mbox{Required Sedimentation chamber capacity} = & \mbox{NA} & \mbox{cubic feet} \\ \mbox{Filter canisters (FCs) to treat WOV} = & \mbox{NA} & \mbox{cartridges} \\ \mbox{Filter basin area (RIA_p)} = & \mbox{NA} & \mbox{square feet} \\ \end{array}$

14. Stormwater Management StormFilter® by CONTECH

Required Water Quality Volume for Contech StormFilter System = NA cubic feet

Designed as Required in RG-348 Pages 3-51 to 3-54 15. Grassy Swales

Design parameters for the swale:

Drainage Area to be Treated by the Swale = A = Impervious Cover in Drainage Area = Rainall intensity = i = Swale Slope = Side Slope (2) = Cesting Water Depth = y = Weighted Runoff Coefficient = C = SDI/VIO

 $A_{CB} = cross-sectional area of flow in Swale = $\#DIV/01$ sf <math display="block">P_{vil} = \text{Wetted Perimeter} = $\#DIV/01$ feet <math display="block">R_{cH} = \text{hydraulic radius of flow cross-section } A_{CD}P_{vil} = $\#DIV/01$ for the section of the se$

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

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

b = 0.134 x Q - zy = #DIV/0! feet Q = CiA = #DIV/0! cfs

V (Velocity of Flow in the swale) = Q/A cs = #DIV/0! ft/sec

L = Minimum Swale Length = V (ft/sec) * 300 (sec) = #DIV/0! feet

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

15B. Alternative Method using Excel Solver

Design Q = CiA = #DIV/0! cfs Manning's Equation Q = 0.00 cfs Swale Width= 6.00 ft Error 1 = #DIV/0!

Instructions are provided to the right (green comments).

Flow Velocity #DIV/0! ft/s Minimum Length = #DIV/0! ft

Instructions are provided to the right (blue comments).

Error 2 = #DIV/0!

16. Vegetated Filter Strips Designed as Required in RG-348

If vegetative filter strips are proposed for an interim permanent BMP, they may be sized as described on Page 3-56 of RG-348.

17. Wet Vaults Pages 3-30 to 3-32 & 3-79 Required Load Removal Based upon Equation 3.3 = NA lbs

First calculate the load removal at 1.1 in/hour

RG-348 Page 3-30 Equation 3.4: Q = CIA

0.55 C = Runoff Coefficient = 0.546 (IC) ² + 0.328 (IC) + 0.03 1.1 in/hour 1 acres C = runoff coefficient for the drainage area = i = design rainfall intensity = A = drainage area in acres =

0.61 cubic feet/sec Q = flow rate in cubic feet per second =

RG-348 Page 3-31 Equation 3.5: V_{cm} = Q/A

Q = Runoff rate calculated above = A = Water surface area in the wet vault =

Vor = Overflow Rate =

Percent TSS Removal from Figure 3-1 (RG-348 Page 3-31) = 53 percent Load removed by Wet Vault = #VALUE! Ibs

Actual Rainfall Intensity at which Wet Vault bypass Occurs = 0.5 in/hour Fraction of rainfall treated from Figure 3-2 RG-348 Page 3-32 = 0.75 percent

Efficiency Reduction for Actual Rainfall Intensity = 0.83 percent

Resultant TSS Load removed by Wet Vault = #VALUE! Ibs

Pages 3-79 to 3-83 Designed as Required in RG-348 18. Permeable Concrete

PERMEABLE CONCRETE MAY ONLY BE USED ON THE CONTRIBUTING ZONE

Designed as Required in RG-348 19. BMPs Installed in a Series Pages 3-32 ed that the coefficient for E _ be changed from 0.5 to 0.65 on May 3, 2006

E_{TOT} = [1 - ((1 - E₁) X (1 - 0.65E₂) X (1 - 0.25E₃))] X 100 = 87.19 percent NET EFFICIENCY OF THE BMPs IN THE SERIES

EFFICIENCY OF FIRST BMP IN THE SERIES = E 1 = 75.00 percent

To solve for bottom width of the trapezoidal swale (b) using the Excel solver: Excel can simultaneously solve the "Design O" (C217) vs "Manning's O" (C219) by varying the "Swale Width" (C220). The required "Swale Width" occurs when the "Design Or " "Manning's O".

First, highlight Call F219 (Error 1 value). The equation showing in the fix acreen for Cell F219 should be "= \$C\$217-\$C\$219"
Then click on "Took" and "Show". The "Solver Parameters" acreen pops up.
The value in the "Set Target cell" should be \$F\$219 "Error 1 se"
The value in the "By Changing Cells" should be \$F\$220 "Swale Width"
Click on solve.

The resulting "Swale Width" must be less than 10 feet to meet the requirements of the TGM. If the resulting "Swale Width" exceeds 10 feet then the design parameters must be revised and the solver run again.

If you would like to increase the bottom width of the trapezoidal swale (b): Excet can simultaneously solve the "Design O" ("C217) vs "Design Discharge" ("C232) by varying the "Design Depth" ("C233). The required "Design Depth" or a Olso-lob bottom width occurs when the "Design O" ("C217) = the "Design Discharge" ("C232)

First set the desired bottom width in Cell C231.
Highlight Cell F232. The equation showing in the fx screen for Cell F232 should be "= \$C\$217-\$C\$232"

Click on "Tools" and "Solver". The "Solver Parameters" screen pops up. The value in the "Set Target cell" should be \$F\$232 "Error 2"
The value in the "By Changing Cells" should be \$C\$233 "Design Depth" Click on solve.

The resulting "Design Depth" must be equal to or less than 0.33 feet to meet the requirements of the TGM. If the resulting "Design Depth" exceeds 0.33 feet then the design parameters must be revised and the solver run again. First set the desired bottom width in Gell C231.

Highlight Cell F322. The equation showing in the fix secree for Cell F223 should be "= \$C\$217.\$C\$222" Click or Tool's and "Solver". The "Solver Parameters" screen pops up.

The value in the "Sel Target cell" should be \$C\$232 "Error 2"

The value in the "By Changing Cells" should be \$C\$233 "Design Depth"

Click on solve.

The resulting "Design Depth" must be equal to or less than 0.33 feet to meet the requirements of the TGM.

If the resulting "Design Depth" exceeds 0.33 feet then the design parameters must be revised and the solver run again.

EFFICIENCY OF THE SECOND BMP IN THE SERIES = E $_{\rm 2}$ =	75.0	0 percent
EFFICIENCY OF THE THIRD BMP IN THE SERIES = E $_{\rm 3}$ =	0.0	0 percent
THEREFORE, THE NET LOAD REMOVAL WOULD BE: (A ₂ AND A ₂ VALUES ARE FROM SECTION 3 ABOVE)		
$L_{R} \equiv E_{TOT} \times P \times (A_{t} \times 34.6 \times A_{t} \times 0.54) \equiv$	520.7	7 lbs
20. Stormceptor		
Required TSS Removal in BMP Drainage Area	NA	lbs
Impervious Cover Overtreatment=	0.0000	ac
TSS Removal for Uncaptured Area =	0.00	lbs
BMP Sizing		
Effective Area =	NA	EA
Calculated Model Size(s) =	#N/A	
Actual Model Size (if multiple values provided in Calculated		
Model Size or if you are choosing a larger model size) =	0	Model Size
Surface Area =	#N/A	ft ²
Overflow Rate =	#VALUE!	V _{cr}
Rounded Overflow Rate =	#VALUE!	V _{or}
		V _{or}
BMP Efficiency % =	#VALUE!	
L _R Value =	#VALUE!	lbs
TSS Load Credit =	#VALUE!	lbs
is Sufficient Treatment Available? (TSS Credit \geq TSS Uncapt.)	#VALUE!	
TSS Treatment by BMP (LM + TSS Uncapt.) =	#VALUE!	
21. Vortech		
Required TSS Removal in BMP Drainage Area	NA	lbs
Impervious Cover Overtreatment	0.0000	ac
TSS Removal for Uncaptured Area =	0.00	Ibs
BMP Sizing		
Effective Area =	NA	EA
Calculated Model Size(s) =	#N/A	
Actual Model Size (if choosing larger model size) =	Vx1000	Pick Model Size
Surface Area =	7.10	ft ²
Overflow Rate =	#VALUE!	V _{er}
Rounded Overflow Rate =	#VALUE!	V _{or}
BMP Efficiency % =	#VALUE!	%
L _R Value =	#VALUE!	lbs
TSS Load Credit =	#VALUE!	lbs
Is Sufficient Treatment Available? (TSS Credit ≥ TSS Uncapt.)	#VALUE!	

TSS Treatment by BMP (LM + TSS Uncapt.) = #VALUE!



Attachment N-Inspection, Maintenance, Repair, and	Retrofit
Plan	

Attachment N: Inspection, Maintenance, Repair, Retrofit Plan

Batch Detention Pond:

Batch detention basins may have somewhat higher maintenance requirements than an extended detention basin since they are active stormwater controls. The maintenance activities are identical to those of extended detention basins with the addition of maintenance and inspection of the automatic controller and the valve at the outlet.

Inspection:

Inspections should take place a minimum of twice a year. Once inspection should take place during wet weather to determine if the basin is meeting the target detention time of 12 hours and a drawdown time of no more than 48 hours. The remaining inspections should occur between storm event so that manual operation of the valve and controller can be verified. The level sensor in the basin should be inspected and any debris or sediment in the area should be removed. The outlet structure and the trash screen should be inspected for signs of clogging. Debris and sediment should be removed from the orifice and outlet as described in previous sections. Debris obstructing the valve should be removed. During each inspection, erosion areas inside and downstream of this BMP should be identified and repaired/revegetated immediately.

Mowing:

The basin, basin side-slopes and embankment of the basin must be mowed to prevent woody growth and control weeds. A mulching mower should be used, or the grass clippings should be caught and removed. Mowing should take place at least twice a year, or more frequently if vegetation exceeds 18 inches in height. More frequent mowing to maintain aesthetic appeal may be necessary in landscaped areas.

Litter and Debris Removal:

Litter and debris removal should take place at least twice a year, as part of the periodic mowing operations and inspections. Debris and litter should be removed from the surface of the basin. Particular attention should be paid to floatable debris around the outlet structure. The outlet should be checked for the possible clogging or obstructions and any debris removed.

Erosion Control:

The basin side slopes and embankment all may periodically suffer from slumping and erosion. To correct these problems, corrective action, such as regrading and revegetation, may be necessary. Correction of erosion control should take place whenever required based on the periodic inspectins.



Nuisance Control:

Standing water or soggy conditions may occur in the basin. Some standing water may occur after a storm event since the valve may close with 2 to 3 inches of water in the basin. Some flow into the basin may also occur between storms due to spring flow and residential water use that enters the storm sewer system. Twice a year, the facility should be evaluated in terms of nuisance control (insects, weeds, odors, algae, etc.).

Structural Repairs and Replacement:

With each inspection, any damage to structural elements of the basin (pipes, concrete drainage structures, retaining walls, etc.) should be identified and repaired immediately. An example of this type of repair can include patching of cracked concrete, sealing of voids, removal of vegetation from cracks and joints. The various inlet/outlet structures in a basin will eventually deteriorate and must be replaced.

Sediment Removal:

A properly designed batch detention basin will accumulate quantities of sediment over time. The accumulated sediment can detract from the appearance of the facility and reduce the pollutant removal performance of the facility. The sediment also tends to accumulate near the outlet structure and can interfere with the level sensor operation. Sediment shall be removed from the basin at least every 5 years, when sediment depth exceeds 6 inches, when the sediment interferes with the level sensor or when the basin does not drain within 48 hours. Care should be taken not to compromise the basin lining during maintenance.

Logic Controller:

The logic controller should be inspected as part of the twice-yearly investigations. Verify that the external indicators (active, cycle in progress) are operating properly by turning the controller off and on, and by initiating a cycle by triggering the level sensor in the basin. The valve should be manually opened and closed using the open/close switch to verify valve operation and to assist in inspecting the valve for debris. The solar panel should be inspected and any dust or debris on the panel should be carefully removed. The controller and all other circuitry and wiring should be inspected for signs of corrosion, damage from insects, water leaks, or other damage. At the end of the inspection, the controller should be reset.



Detention Pond/BMP Records

Ir	nspection	Date:
	Type of Inspection:	_
	Comments:	
	Signature:	(Inspector)
$\underline{\mathbf{N}}$	<u> 1aintenance</u>	Date:
	Work Performed:	
	Comments:	
		(Maintenance Personnel)
0	Other .	Date:
	Comments:	
	Signature:	(Title:)



Responsibility of Maintenance

Jenifer Scheibe

Print Name

Owner Scheibe Investments IIc

Corporation/Partnership/Entity Name

Agree to assume the responsibility of maintaining the permanent BMPs constructed as part of the development in accordance with the rules and regulations of the Texas Commission on Environmental Quality (TCEQ).

I also understand that:

- 1. I am 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.
- 2. 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.

Geriffer Scheibe 5/8/2025

Applicant's Signature

Date

Contact Person: Jenifer Scheibe Entity: Fur and Feather Family Vet

Mailing Address: 18738 Forty Six Parkway, Bulverde, TX 78070

Email: jeniferscheibe@gmail.com





Attachment P-Measures for Minimizing Surface Stream Contamination

Attachment P: Measures for Minimizing Surface Stream Contamination

Upon approval of this plan, the Batch Detention Pond, traditionally designed, will be constructed before the proposed development starts. Therefore, any storm water runoff leaving the site will be treated per TCEQ RG-348, and no surface steam contamination is anticipated.





Temporary Stormwater Section

Temporary Stormwater Section

Texas Commission on Environmental Quality

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

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

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

Signature

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

Regulated Entity Name: Fur and Feather Family Vet	
Ress T. Cool	
Signature of Customer/Agent:	
Date: <u>5-6-2025</u>	
Print Name of Customer/Agent: Ross Corder, PE	

Project Information

Potential Sources of Contamination

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

1.	Fuels for construction equipment and hazardous substances which will be used during construction:
	The following fuels and/or hazardous substances will be stored on the site:
	These fuels and/or hazardous substances will be stored in:
	Aboveground storage tanks with a cumulative storage capacity of less than 250 gallons will be stored on the site for less than one (1) year.

	 Aboveground storage tanks with a cumulative storage capacity between 250 gallons and 499 gallons will be stored on the site for less than one (1) year. Aboveground storage tanks with a cumulative storage capacity of 500 gallons or more will be stored on the site. An Aboveground Storage Tank Facility Plan application must be submitted to the appropriate regional office of the TCEQ prior to moving the tanks onto the project.
	igtimes 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.
1.	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.
	 For each activity described, an estimate (in acres) of the total area of the site to be disturbed by each activity is given. For each activity described, include a description of appropriate temporary control measures and the general timing (or sequence) during the construction process that the measures will be implemented.
ŝ.	Name the receiving water(s) at or near the site which will be disturbed or which will

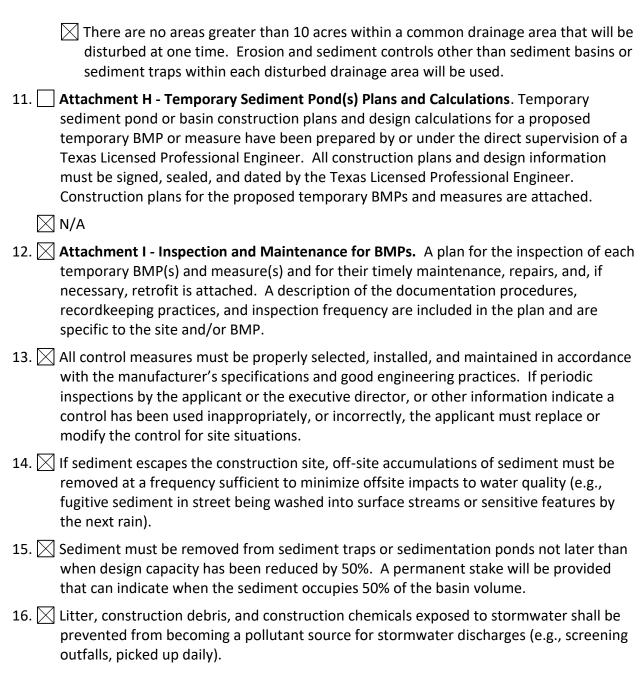
Temporary Best Management Practices (TBMPs)

receive discharges from disturbed areas of the project: Lewis Creek

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

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

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



Soil Stabilization Practices

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

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

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

Administrative Information

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



Attachment A-Spill Response Actions

Attachment A: Spill Response Actions

Contractors working onsite with materials which could potentially cause pollution shall implement the following measures to prevent stormwater pollution.

Education of Employees or Subcontractors Who Handle Materials Which Can Cause Pollution

- Employees should know 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 a spill must be reported to the TCEQ. Information is available in 30 TAC 327.4 and 40 CFR 302.4.
- Educate employees and subcontractors on the potential dangers to humans and the environment from spills and leaks and provide training in spill prevention and cleanup. Hold regular meetings to discuss and reinforce appropriate disposal procedures (incorporate into regular safety meetings).
- Establish a continuing education program to indoctrinate new employees, who will use or handle potential pollutants.
- Provide for a superintendent or representative to oversee and enforce proper spill prevention and control measures.

General Measures

- To the extent that work can be accomplished safely, spills of oil, petroleum products, and substances listed under 40 CFR part 110,117, and 302, and sanitary and septic wastes should be contained and cleaned up immediately.
- Store hazardous materials and waste in covered containers and protect from vandalism.
- Place spill cleanup materials where it will be readily accessible.
- Spills should be covered and protected from stormwater runoff during rainfall to the extent that it doesn't compromise clean-up activities.
- Do not bury spills onsite.
- 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.
- 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.
- Contain contaminated water overflow or minor water spillage and do not allow it to discharge into drainage facilities or watercourses.
- 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.



 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

- Clean up leaks and spills immediately, or as soon as it is safely practical.
- Use a rag for small spills on paved surfaces, a damp mop for general cleanup, and absorbent materials 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.
- Never hose down or bury dry material spills. Clean up as much of the material as possible and dispose of properly.

Minor Spills

- Minor spills such as small quantities of oil, gasoline, paint, etc., should be controlled by the first responder at the discovery of the spill.
- Use absorbent materials on small spills rather than hosing down or burying the spill.
- Absorbent materials should be promptly removed and disposed of properly.
- Follow the practice below for a minor spill:
 - Contain the spread of the spill.
 - Recover spilled materials.
 - o Clean the contaminated area and properly dispose of contaminated materials.

Semi-Significant Spills

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

Spills should be cleaned up immediately, or as soon as safely practical

- Contain spread of the spill.
- Notify the project foreman immediately.
- 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 absorbent materials and do not let the spill spread widely.
- If the spill occurs in dirt areas, immediately contain the spill by constructing an earthen dike. Dig up and properly dispose of contaminated soil.
- If the spill occurs during rain, cover spill with tarps or other materials to prevent contaminating runoff.



Significant/Hazardous Spills

- 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.
- For spills of federal reportable quantities, in conformance with the requirements in 40CFR parts 110, 119 and 302, the contractor should notify the National Response Center at (800) 424-8802.
- Notification should first be made by telephone and followed up with a written report.
 The services of a spill contractor or a Haz-Mat team should be obtained immediately.
 Construction personnel should not attempt to clean up until the appropriate and qualified staff have arrived at the job site.
- Other agencies which may need to be contacted include, but are not limited to, City,
 Police Department, County Sheriff Office, Fire Departments, etc.

Vehicle and Equipment Maintenance

- 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.
- Regularly inspect onsite vehicles and equipment for leaks and repair immediately. Check incoming vehicles and equipment (including delivery trucks, and employee and subcontractor vehicles) for leaking oil and fluids. Do not allow leaking vehicles onsite.
- Always use secondary containment, such as drain pan or drop cloth, to catch spills or leaks when removing or changing fluids.
- Place drip pans or absorbent materials under paving equipment when not in use.
- Use absorbent materials on small spills rather than hosing down or burying the spill.
- Remove the absorbent materials promptly and dispose of properly.
- Promptly transfer used fluids to the proper waste or recycling drums. Don't leave full drip pans or other open containers lying around.
- 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 recycled. As the oil supplier or recycler about recycling oil filters.
- 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 as if it cracked. Put into the containment area until you are sure it is not leaking.
- If fueling must occur on site, used designated areas, located away from drainage courses, to prevent the runoff of stormwater and the runoff of spills.
- Discourage "topping off" on fuel tanks.
- Always use secondary containment, such as drain pan, when fueling to catch spill/leaks.





Attachment B I	Potential Sources	s of Cont	amination
Attachment b-i	Potentiai Source:	s or Cont	.aminauon

Attachment B: Potential Sources of Contamination

Asphalt products used on this project

Preventative measures

After placement of asphalt, emulsion or coatings, the contractor will be responsible for immediate cleanup should an unexpected rain occur. For the duration of the asphalt product curing time, the contractor will maintain standby personnel and equipment to contain any asphalt wash-off should an unexpected rain occur. The contractor will be instructed not to place asphalt products on the ground within 48 hours of forecasted rain.

Oil, grease fuel and hydrocarbon fluid contamination from construction equipment and vehicle drippings.

Preventative measures

- Vehicle maintenance, when possible, will be performed within the construction staging area.
- Construction vehicles and equipment shall be checked regularly for leaks and repaired immediately.

Accidental leaks or spills of oil, petroleum products and substances listed under 40 CFR parts 110, 117, and 302 used or stored temporarily on site.

Preventative measures

- Contractor to incorporate regular safety meetings, a discussion of spill prevention and appropriate disposal procedures.
- Contractor's superintendent or representative overseer shall enforce proper spill prevention and control measures.
- Hazardous material and waste shall be stored in covered containers and protected from vandalism.
- A stockpile of spill cleanup materials shall be stored on site where it will be readily available.



Miscellaneous trash and litter from construction workers and material wrappings.

- Preventative measures
 - Trash containers will be placed throughout the site to encourage proper trash disposal.

Construction Debris

- Preventative measures
 - Construction debris will be monitored daily by the site contractor. Debris will be collected weekly and placed in disposal bins. Situations requiring immediate attention will be addressed on a case-by-case basis.

Spills/ Overflow of waste from portable toilets

- Preventative measures
 - Portable toilets will be placed away from high traffic vehicular areas and storm drain inlets
 - o Portable toilets will be placed on a level ground surface.
 - Portable toilets will be inspected regularly for leaks and will be serviced and sanitized at time intervals that will maintain sanitary conditions.





Attachment C- Sequence of Major Activities

Attachment C: Sequence of Major Construction Activities

The sequence of major construction activities that will disturb earth/soil of the proposed site will be completed in two stages. Initially, the site will cleared and grubbed of existing vegetation to prepare for the proposed site plan. This stage will include installation of temporary erosion controls. Temporary controls include temporary construction entrance, silt fence, rock berm/filter dam and concrete washout pit. The second stage will include the construction of buildings, parking, drives, utilities, Batch Detention Basin, landscaping, and site cleanup. Inlet protection will need to be placed around storm drains inlets are installed onsite. Once the site is fully stabilized with vegetation back in place, the temporary erosion controls may be removed. Both stages will disturb approximately 2.22 acre of land.





Attachment D- Temporary Best Management Practices	and
Measures	

Attachment D: Temporary Best Management Practices and Measures

7a 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.

Upgradient flows are intercepted and diverted by use of swales around the proposed BMPs. The upstream area is fully developed and responsible for water quality treatment separate from this development. Therefore, there are no significant upgradient flows that impact the site and no proposed BMPs are planned specifically for upgradient flows. The proposed onsite batch detention pond is sized to treat all onsite flows and impervious cover.

7b A description of how BMPs and measures will prevent pollution of surface water or groundwater that originates on-site or flows off-site, including pollution caused by contaminated stormwater runoff from the site.

Site preparations will disturb the largest amount of soil. Therefore, before any of this work can begin, the clearing and grading contractor will be responsible for the installation of all on-site control measures. The methodology for pollution prevention of on-site stormwater will include:

- Erection of silt fence and rock filter dam along downgradient boundary of construction activities for temporary erosion and sedimentation controls.
- Installation of stabilized construction entrance/exits to reduce the dispersion of sediment from the site.
- Installation of concrete truck washout.
- Installation of inlet protection once storm drain inlets have been installed.
- Installation of construction staging areas.

7c A description of how BMPs and measures will prevent pollutants from entering surface streams, sensitive features, or the aquifer.

Temporary measures are intended to provide a method of controlling and slowing the flow of runoff from the construction site. By utilizing silt fence and rock berm staged down gradient and along flow paths, will allow sediment and suspended solids to settle out of stormwater flows and be captured onsite. By containing the sediment and suspended solids within the site, they will not enter the aquifer, surface streams and/or sensitive features that may exist downstream of the site.



7d 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

BMP measures utilized in this plan are intended to allow stormwater to continue downstream after passing through the BMPs. The BMPs are providing settlement of suspended solids and containment onsite, but stormwater flows will continue their natural drainage path. Features discovered during construction will be reported and assessed in accordance with applicable regulations.





Attachment F-Structural Practices

Attachment F: Structural Practices

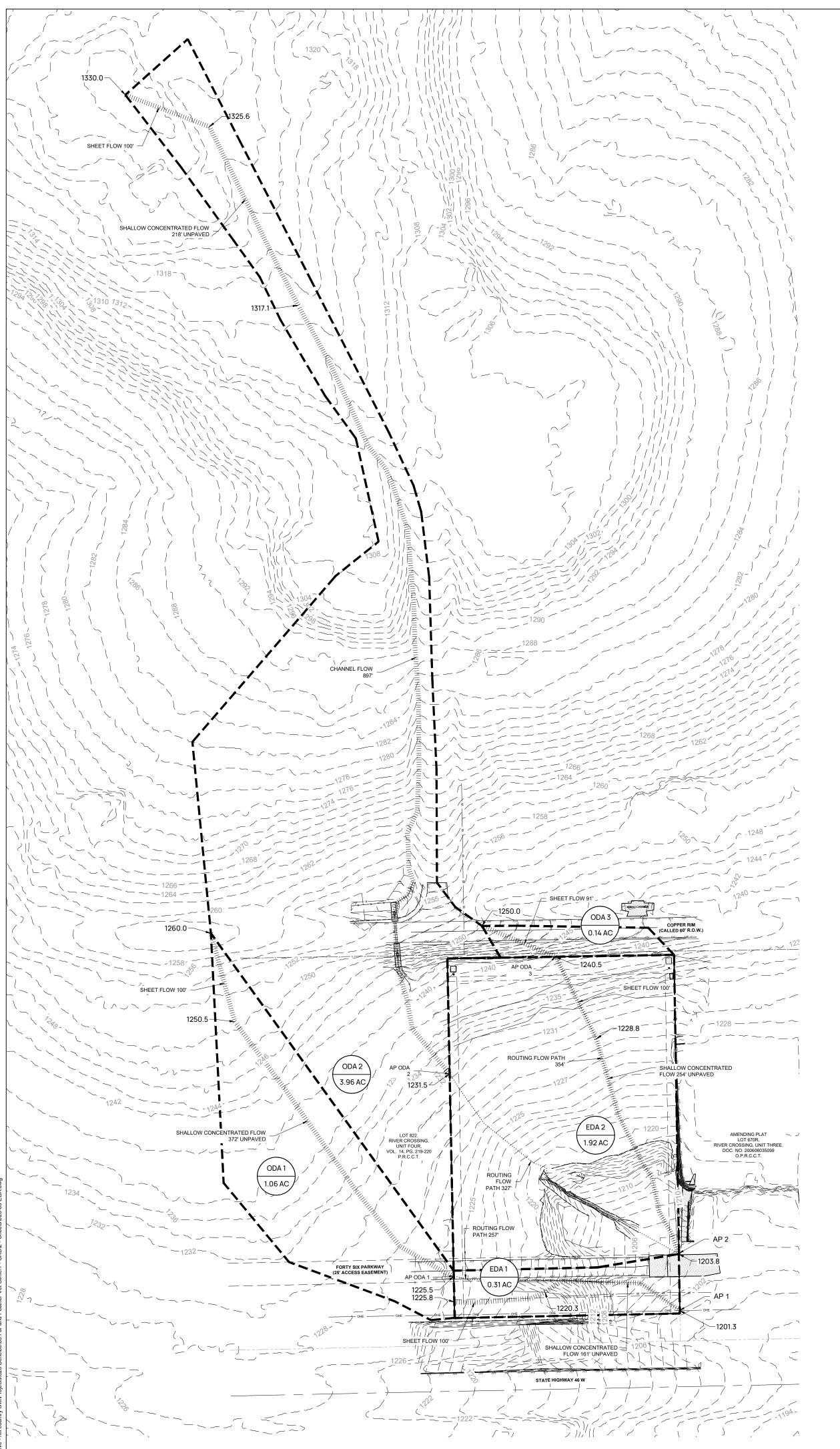
The structural practices listed below are shown on the Erosion Control Plans and are listed on Attachment D of the Temporary Controls Section of the CZP.

- A stabilized construction entrance with washout pit will be constructed at all locations where vehicular traffic enters and leaves the site. This will reduce sediments which leave the site and are tracked or fall onto adjacent roadways.
- A concrete truck washout will be installed to prevent pollutants to stormwater from concrete waste.
- Silt fencing and rock filter dam will be installed adjacent to any drainage way which
 receives sheet flow from upgradient-disturbed areas and along the side slope perimeter
 of disturbed areas.
- Inlet protection will be used at storm drainage inlets prior to stabilization of the drainage areas.





Attachment G-Drainage Area Map



TIME OF CONCENTRATION

Drainage Area Name:

ODA 1 Proposed Time of Concentration (min):

		*Minimum	5								
			Elevation (ft)				Wetted	XS		Incremental	Cumulative
		Length			Mannings	Velocity	Perimeter	Area	Slope	Time of	Time of
Segment	Condition	(ft)	Start	End	n	(ft/s)	(ft)	(sq. ft.)	(ft/ft)	Travel (min)	Travel (min)*
1	Sheet	100.0	1260.0	1250.5	0.240		N/A	N/A	0.0950	6.7434	6.7434
2	Shall. Conc.	372.0	1250.5	1225.5			N/A	N/A	0.0672	4.1827	10.9261
3	Channel or Sewer	0.0	1225.5	0.0			3.50	0.75	0.0000	0.0000	10.9261

ODA 2 Drainage Area Name: Proposed Time of Concentration (min):

•		· ,										
*Minimum Initial T_c (min):												
			Elevati	ion (ft)			Wetted	XS		Incremental	Cumulative	
		Length			Mannings	Velocity	Perimeter	Area	Slope	Time of	Time of	
Segment	Condition	(ft)	Start	End	n	(ft/s)	(ft)	(sq. ft.)	(ft/ft)	Travel (min)	Travel (min)*	
1	Sheet	100.0	1330.0	1325.6	0.240		N/A	N/A	0.0440	9.1746	9.1746	
2	Shall. Conc.	218.0	1325.6	1317.1			N/A	N/A	0.0390	3.1859	12.3606	
2	Channel or Sower	897 N	1317 1	1231 5	0.035		0.00	4.00	0.0054	0.7161	12 0767	

Drainage Area Name: ODA 3

Proposed Time of Concentration (min):

*Minimum Initial T_c (min):

			Elevation (ft)				Wetted	XS		Incremental	Cumulative
		Length			Mannings	Velocity	Perimeter	Area	Slope	Time of	Time of
Segment	Condition	(ft)	Start	End	n	(ft/s)	(ft)	(sq. ft.)	(ft/ft)	Travel (min)	Travel (min)*
1	Sheet	91.0	1250.0	1240.5	0.011		N/A	N/A	0.1044	0.5113	0.5113
2	Shall. Conc.	0.0	1240.5	794.0			N/A	N/A	0.0000	0.0000	0.5113
3	Channel or Sewer	0.0	794.0	0.0					0.0000	0.0000	0.5113

EDA 1 Drainage Area Name: Proposed Time of Concentration (min):

*Minimum Initial T_c (min):

			Elevation (ft)				Wetted	XS		Incremental	Cumulative
		Length			Mannings	Velocity	Perimeter	Area	Slope	Time of	Time of
Segment	Condition	(ft)	Start	End	n	(ft/s)	(ft)	(sq. ft.)	(ft/ft)	Travel (min)	Travel (min)*
1	Sheet	100.0	1225.8	1220.3	0.240		N/A	N/A	0.0550	8.3912	8.3912
2	Shall. Conc.	161.0	1220.3	1201.3			N/A	N/A	0.1180	5.5427	13.9339
3	Channel or Sewer	0.0	0.0	0.0					0.0000	0.0000	13.9339

EDA 2 Drainage Area Name: Proposed Time of Concentration (min):

·		,						*Minimum	Initial T_c (r	nin):	5
			Elevat	ion (ft)			Wetted	XS		Incremental	Cumulative
		Length			Mannings	Velocity	Perimeter	Area	Slope	Time of	Time of
Segment	Condition	(ft)	Start	End	n	(ft/s)	(ft)	(sq. ft.)	(ft/ft)	Travel (min)	Travel (min)*
1	Sheet	100.0	1240.5	1228.8	0.240		N/A	N/A	0.1170	6.2043	6.2043
2	Shall. Conc.	254.0	1228.8	1203.8			N/A	N/A	0.0984	5.0618	11.2662
3	Channel or Sewer	0.0	1203.8	0.0					0.0000	0.0000	11.2662

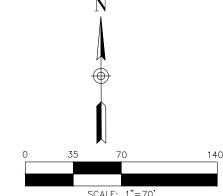
COMPOSITE CURVE NUMBER

Drainage Area Name:		ODA 1	
DESCRIPTION		AREA	С
Residential: average lot size 2 acre		1.06	82
	Total	1.06	82
Drainage Area Name:	(ODA 2	
DESCRIPTION		AREA	С
Residential: average lot size 2 acre		3.96	82
	Total	3.96	82
Drainage Area Name:		ODA 3	
DESCRIPTION		AREA	С
Residential: average lot size 2 acre		0.14	82
	Total	0.14	82
Drainage Area Name:	1	EDA 1	
DESCRIPTION		AREA	С
Woods		0.24	77
Paved Parking Lots, Roofs, Driveways, etc.		0.07	98
	Total	0.31	82
Duainaga Ayaa Nama	ı	EDA 2	
Drainage Area Name:		LDAZ	

RUNOFF SUMMARY TABLE

Paved Parking Lots, Roofs, Driveways, etc.

	Rainfall Runoff - Summary - City of Bulverde											
			Flow (cfs)									
Analysis Point	2 yr	5 yr	10 yr	25 yr	100 yr							
EX AP1	3.128	4.787	6.420	8.927	13.660							
PROP AP1	3.128	4.787	6.420	8.927	13.660							
EX AP2	12.730	19.740	26.700	37.410	57.690							
PROP AP2	12.000	19.570	26.700	37.390	57.560							

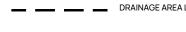


LEGEND EXISTING FLOW ARROW

· ~	EXISTINOT LOW ARROW
01- —	EXISTING MINOR CONTOUR
00 ·	EXISTING MAJOR CONTOUR
01	PROPOSED MINOR CONTOUR
00	PROPOSED MAJOR CONTOUR
~ →	PROPOSED FLOW ARROW
	PROPOSED DRAINAGE SWALE
600.00	PROPOSED SPOT ELEVATION
	HIGH POINT



| TIME OF CONCENTRATION







Hill Country

Revisions									
~									
Date									
No.									
	Date								

AND FEATHER VET

OSED DRAINAC

CAUTION!

TRENCH EXCAVATION SAFETY PROTECTION

EMPLOYEE, OR STRUCTURAL/GEOTECHNICAL/SAFETY EQUIPMENT CONSULTANT, SHALL REVIEW THESE

INSTALLATION SITES WITHIN THE PROJECT AREA IN ORDER TO IMPLEMENT CONTRACTORS TRENCH EXCAVATION SAFETY PROTECTION PLAN, SYSTEMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE

TRENCH SAFETY PROTECTION THAT COMPLY WITH AS

SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH

A MINIMUM OSHA STANDARDS, SPECIFICALLY, CONTRACTOR AND/OR RETAINED EMPLOYEE OR

SAFETY PLAN IN ACCORDANCE WITH OSHA

REGULATIONS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND/OR

AROUND THE EXPOSED TRENCH EXCAVATION.

CONTRACTOR SHALL EXERCISE CAUTION DURING DEMOLITION, EXCAVATION, CLEARING AND

CONSTRUCTION ACTIVITIES NEAR OVERHEAD ELECTRIC LINES. CONTRACTOR SHALL COMPLY WITH ALL SAFETY REGULATIONS WHEN OPERATING

CONTRACTOR, SUB-CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED

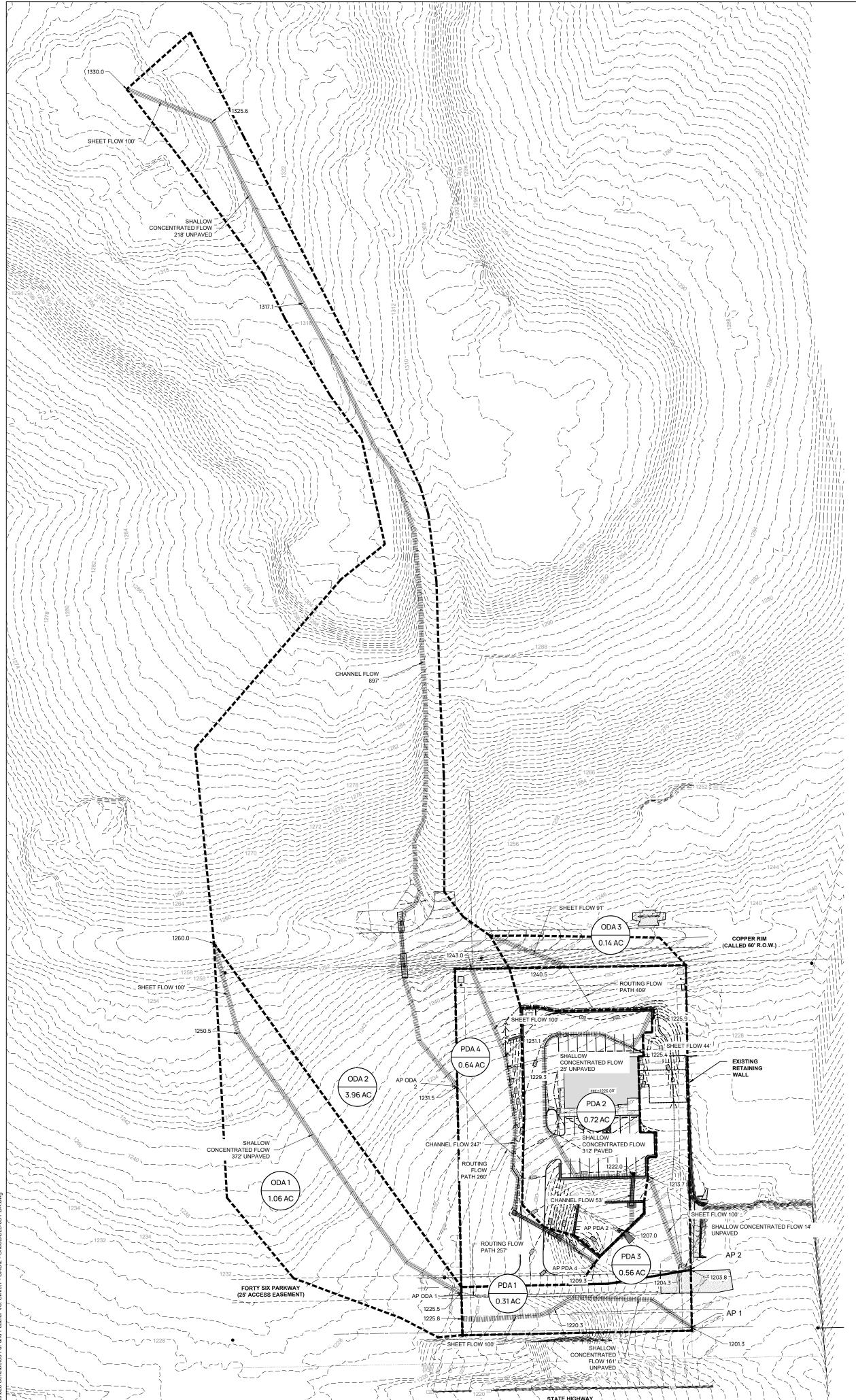
PLANS AND GEOTECHNICAL REPORT, THE

SHEET No.

OF 19

DIG TESS:

CONTRACTOR SHALL CONTACT 1-800-DIG-TESS A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION ACTIVITY (ON OR OFFSITE) FOR THE PROJECT.



TIME OF CONCENTRATION

Drainage Area Name: Proposed Time of Concentration (min):

PDA 1 13.93

PDA 2

								*Minimum	Initial T_c (n	nin):	5
			Elevati	Elevation (ft)			Wetted	XS		Incremental	Cumulative
		Length			Mannings	Velocity	Perimeter	Area	Slope	Time of	Time of
Segment	Condition	(ft)	Start	End	n	(ft/s)	(ft)	(sq. ft.)	(ft/ft)	Travel (min)	Travel (min)*
1	Sheet	100.0	1225.8	1220.3	0.240		N/A	N/A	0.0550	8.3912	8.3912
2	Shall. Conc.	161.0	1220.3	1201.3			N/A	N/A	0.1180	5.5427	13.9339
3	Channel or Sewer	0.0	1201.3	0.0					0.0000	0.0000	13.9339

Drainage Area Name: Proposed Time of Concentration (min): 5.00

		*Minimum	Initial T_c (r	min):	
	Wetted	XS		Incremental	Cu
locity	Perimeter	Area	Slope	Time of	-
ft/s)	(ft)	(sq. ft.)	(ft/ft)	Travel (min)	Tra

			Elevation (ft)				Wetted	XS		Incremental	Cumulative
		Length			Mannings	Velocity	Perimeter	Area	Slope	Time of	Time of
Segment	Condition	(ft)	Start	End	n	(ft/s)	(ft)	(sq. ft.)	(ft/ft)	Travel (min)	Travel (min)*
1	Sheet	44.0	1225.9	1225.4	0.011		N/A	N/A	0.0114	0.6942	0.6942
2	Shall. Conc.	312.0	1225.4	1222.0			N/A	N/A	0.0109	2.1221	2.8163
3	Channel or Sewer	53.0	1222.0	1207.0	0.035		8.00	4.00	0.2830	0.0246	2.8408

PDA 3 Drainage Area Name: Proposed Time of Concentration (min):

								*Minimum	Initial T_c (r	min):	5
			Elevati	on (ft)			Wetted	XS		Incremental	Cumulative
		Length			Mannings	Velocity	Perimeter	Area	Slope	Time of	Time of
Segment	Condition	(ft)	Start	End	n	(ft/s)	(ft)	(sq. ft.)	(ft/ft)	Travel (min)	Travel (min)*
1	Sheet	100.0	1213.7	1204.3	0.240		N/A	N/A	0.0940	6.7720	6.7720
2	Shall. Conc.	14.0	1204.3	1203.8			N/A	N/A	0.0357	3.0491	9.8212
3	Channel or Sewer	0.0	1203.8	0.0					0.0000	0.0000	9.8212

PDA 4 Drainage Area Name: Proposed Time of Concentration (min):

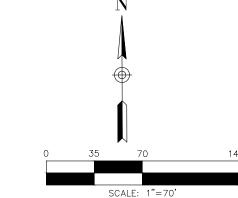
								*Minimum	Initial T_c (r	min):	5
			Elevati	ion (ft)			Wetted	XS		Incremental	Cumulative
		Length			Mannings	Velocity	Perimeter	Area	Slope	Time of	Time of
Segment	Condition	(ft)	Start	End	n	(ft/s)	(ft)	(sq. ft.)	(ft/ft)	Travel (min)	Travel (min)*
1	Sheet	100.0	1243.0	1231.1	0.240		N/A	N/A	0.1190	6.1624	6.1624
2	Shall. Conc.	25.0	1231.1	1229.3			N/A	N/A	0.0720	4.3293	10.4918
3	Channel or Sewer	247.0	1229.3	1209.3	0.035		8.00	4.00	0.0810	0.2141	10.7058

COMPOSITE CURVE NUMBER

Drainage Area Name:		PDA 1		
DESCRIPTION		AREA	С	
Woods		0.24	77	
Paved Parking Lots, Roofs, Driveways, etc.		0.07	98	
	Total	0.31	82	
Drainage Area Name:	PDA 2			
DESCRIPTION		AREA	С	
Woods		0.2	77	
Paved Parking Lots, Roofs, Driveways, etc.		0.52	98	
	Total	0.72	92	
Drainage Area Name:		PDA 3		
DESCRIPTION		AREA	С	
Woods		0.55	77	
Paved Parking Lots, Roofs, Driveways, etc.		0.01	98	
	Total	0.56	77	
Drainage Area Name:		PDA 4		
DESCRIPTION		AREA	С	
Woods		0.57	77	
Paved Parking Lots, Roofs, Driveways, etc.		0.07	98	
	Total	0.64		

RUNOFF SUMMARY TABLE

Rainfall Runoff - Summary - City of Bulverde						
			Flow (cfs)			
Analysis Point	2 yr	5 yr	10 yr	25 yr	100 yr	
EX AP1	3.128	4.787	6.420	8.927	13.660	
PROP AP1	3.128	4.787	6.420	8.927	13.660	
EX AP2	12.730	19.740	26.700	37.410	57.690	
PROP AP2	12.000	19.570	26.700	37.390	57.560	



EXISTING FLOW ARROW — — 101 — — EXISTING MINOR CONTOUR — — 100 — — EXISTING MAJOR CONTOUR PROPOSED MINOR CONTOUR PROPOSED MAJOR CONTOUR PROPOSED FLOW ARROW ✓ 600.00 PROPOSED SPOT ELEVATION

HIGH POINT

EXISTING TREE

TIME OF CONCENTRATION DRAINAGE AREA LINE

/ DA # ` DRAINAGE AREA \ ACRES /

FLOW ARROWS

ROSS T. CORDER

Civil

Hill Country

Revisions				
Date				
S				

AND FEATHER VET

OSED DRAINAC

TRENCH EXCAVATION SAFETY PROTECTION

CAUTION!

CONTRACTOR SHALL EXERCISE CAUTION DURING DEMOLITION, EXCAVATION, CLEARING AND CONSTRUCTION ACTIVITIES NEAR OVERHEAD

ELECTRIC LINES. CONTRACTOR SHALL COMPLY WITH ALL SAFETY REGULATIONS WHEN OPERATING

NEAR POWER LINES.

CONTRACTOR, SUB-CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE, OR STRUCTURAL/GEOTECHNICAL/SAFETY EQUIPMENT CONSULTANT, SHALL REVIEW THESE PLANS AND GEOTECHNICAL REPORT, THE INSTALLATION SITES WITHIN THE PROJECT AREA IN ORDER TO IMPLEMENT CONTRACTORS TRENCH EXCAVATION SAFETY PROTECTION PLAN, SYSTEMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH SAFETY PROTECTION THAT COMPLY WITH AS A MINIMUM OSHA STANDARDS, SPECIFICALLY, CONTRACTOR AND/OR RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PLAN IN ACCORDANCE WITH OSHA REGULATIONS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND/OR AROUND THE EXPOSED TRENCH EXCAVATION.

DIG TESS:

CONTRACTOR SHALL CONTACT 1-800-DIG-TESS A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION ACTIVITY (ON OR OFFSITE) FOR THE PROJECT.

SHEET No.

OF 19



Attachment I: Inspection and Maintenance for BMPs

The following list of items outlines and dictates Inspection and Maintenance for BMPs practices. Inspection and maintenance guidelines come from TCEQ RG-348.

In addition to these measures the contractor will be subject to the provisions of the TCEQ General Permit Number TXR 150000 relating to discharges from construction activities.

Temporary Construction Entrance/Exit

- 1. 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 top dressing with additional stone as conditions demand and repairs and/or cleanout of any measures used to trap sediment.
- 2. All sediment spilled, dropped, washed, or tracked onto public rights-of-way should be removed immediately by contractor.
- 3. When necessary, wheels should be cleaned to remove sediment prior to entrance on to public right-of-way.
- 4. 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
- 5. All sediment should be prevented from entering any storm drain, ditch, or water course by using approved methods.

Silt Fence

- 1. Inspect all fencing weekly, and after any rainfall.
- 2. Remove sediment when buildup reaches 6 inches.
- 3. Replace any torn fabric or install a second line of fencing parallel to the torn section.
- 4. Replace or repair any sections crushed or collapsed during construction activity. If a section of fence is obstructing vehicular access, consider relocating it to a spot to 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.
- 5. 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.

Rock Filter Dam

- 1. Inspect weekly, and after any rainfall.
- 2. Remove sediment when buildup reaches 6 inches.
- 3. Replace any damaged sections of the dam.
- 4. Replace or repair any sections crushed or collapsed during construction activity. If a section of rock is obstructing vehicular access, consider relocating it to a spot to where it will provide equal protection, but will not obstruct vehicles.
- 5. 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 dam should be revegetated.

Inlet Protection Barrier

1. Inspections should be made weekly and after each rainfall. Repair or replacement should be made promptly as needed by the contractor.



- 2. Remove sediment when buildup reaches a depth of 3 inches. Removed sediment should be deposited in a suitable area and in such a manner that it will not erode.
- 3. Check placement of devices to prevent gaps between device and curb.
- 4. Inspect filter fabric and patch or replace if torn or missing.
- 5. Structures should be removed, and the area stabilized only after the remaining drainage area has been properly stabilized.

Concrete Washout

1. Concrete washout facilities should be inspected daily and after heavy rains to check for leaks, identify if any plastic linings and sidewalls have been damaged by construction activities, and determine whether they have been filled to over 75 percent capacity. When the washout container is filled to over 75 percent of its capacity, the washwater should be vacuumed off or allowed to evaporate to avoid overflows. Then when the remaining cementitious solids have hardened, they should be removed and recycled. Damage to the container should be repaired promptly. Before heavy rains, the washout container's liquid level should be lowered, or the container should be covered to avoid an overflow during the rain storm.





Attachment J- Schedule of Interim and Permanent Soil Stabilization Practices

Attachment J: Schedule of Interim and Permanent Soil Stabilization Practices

Onsite construction activities shall be conducted in accordance with the Erosion Control Plan for the project which includes the provisions of the TPDES General Permit TXR150000.

Interim on-site stabilization measures will include minimizing soil disturbances by exposing the smallest practical area of land required for the shortest duration and maximizing the use of natural vegetation. All disturbed soil will be stabilized as per project specifications in accordance with TCEQ Technical Guidance Manual RG-348 (2005).

Stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than 14 days after the construction activity in that portion of the site has temporarily or permanently ceased. Where the initiation of stabilization measures by the 14th day after construction activity temporarily or permanently cease is precluded by weather conditions, stabilization measures shall be initiated as soon as practicable. Where construction activity on a portion of the site has temporarily ceased, and earth disturbing activities will be resumed within 21 days, temporary stabilization measures do not have to be initiated on that portion of the site. In areas experiencing droughts where the initiation of stabilization measures by the 14th day after construction activity has temporarily or permanently ceased is preclude by seasonal arid conditions, stabilization measures shall be initiated as soon as practicable.

Interim Stabilization Measures will include one or more of the following methods.

- 1. Temporary Vegetation
- 2. Installation of blankets or matting material
- 3. Hydraulic Mulch
- 4. Sod

The interim and permanent stabilization will be installed in accordance with the standard specifications for the county or city having jurisdiction over the project, whichever is more stringent. If the governing entity does not have specifications for these items, the work shall be completed in compliance with the procedures and specifications outlined in the current Technical Guidance Manual published by the TCEQ.

Permanent Stabilization measures will include one or more of the following methods.

- 1. Permanent Vegetation including landscape planting with trees, shrubs, or ground cover.
- 2. Installation of blankets or matting material
- 3. Hydromulch
- 4. Grass Sodding
- 5. Rock or concrete riprap

A copy of the Erosion Control Plan is attached.





Agent Authorization

Agent Authorization Form

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

I	Jenifer Scheibe	
	Print Name	
	Owner	
	Title - Owner/President/Other	
of	Fur and Feather Family Vet	
	Corporation/Partnership/Entity Name	
have authorized	Ross Corder, PE	
	Print Name of Agent/Engineer	
of	Hill Country Civil	
	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

1/26/24 Date

THE STATE OF TEXAL §

County of Compl §

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

GIVEN under my hand and seal of office on this 24 day of November 2024.

KIMBERLY A. PALACIOS
Notary Public, State of Texas
Comm. Expires 05-23-2026
Notary ID 131579521

NOTARY PUBLIC

Typed or Printed Name of Notary

MY COMMISSION EXPIRES: 05.23.2024



Application Fee Form

Application Fee Form

Texas Commission on Environme	ntal Quality					
Name of Proposed Regulated Enti	Name of Proposed Regulated Entity: Fur and Feather Family Vet					
Regulated Entity Location: 18738 Forty Six Parkway, Spring Branch, TX 78070						
Name of Customer: Jenifer Scheib	<u>e</u>					
Contact Person: Jenifer Scheibe	Phor	ne: <u>(210) 634-0003</u>				
Customer Reference Number (if is	sued):CN					
Regulated Entity Reference Numb	er (if issued):RN	_				
Austin Regional Office (3373)						
Hays	Travis	□ w	illiamson			
San Antonio Regional Office (336	2)					
Bexar	Medina	Πuv	valde			
Comal	Kinney					
Application fees must be paid by o	check, certified check,	or money order, payab	le to the Texas			
Commission on Environmental Q						
form must be submitted with you		-50	27			
Austin Regional Office		San Antonio Regional O				
Mailed to: TCEQ - Cashier		Overnight Delivery to: 1				
Revenues Section		L2100 Park 35 Circle	CEQ COSTILCT			
Mail Code 214		Building A, 3rd Floor				
P.O. Box 13088		Austin, TX 78753				
Austin, TX 78711-3088		512)239-0357				
		312/233 0337				
Site Location (Check All That App						
Recharge Zone	Contributing Zone	Transi	tion Zone			
Type of Plan	n	Size	Fee Due			
Water Pollution Abatement Plan,	Contributing Zone					
Plan: One Single Family Residentia	al Dwelling	Acres	\$			
Water Pollution Abatement Plan,	Contributing Zone					
Plan: Multiple Single Family Reside	Acres	\$				
Water Pollution Abatement Plan,						
Plan: Non-residential	2.22 Acres	\$ 4,000				
Sewage Collection System	L.F.	\$				
Lift Stations without sewer lines	Acres	\$				
Underground or Aboveground Sto	rage Tank Facility	Tanks	\$			
Piping System(s)(only)		Each	\$			
Exception		Each	\$			
Extension of Time						

Signature:

Date: 11-22-2024

TCEQ-0574 (Rev. 02-24-15)

inf Schiele

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

Project	Project Area in 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				



Core Data Form



TCEQ Core Data Form

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

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)

New Perm	nit, Registration or A	uthorization	(Core Data Form	should be s	submitted	with the pr	ogram application.)				
Renewal (Core Data Form sho	uld be submi	tted with the ren	ewal form)			Other				
CN Customer Reference Number (if issued)				ollow this li or CN or RN Central R		s in					
	N II: Cust					Informatio	n Updates (mm/d	d/yyyy)		11/22/2024	
☑ New Custon ☑Change in Le		pdate to Custom xas Secretary of S		_	Change in Regulated Entity Ownership er of Public Accounts)						
	r Name submitted s Comptroller of F	_	-	tomaticall	ly based	on what is	current and activ	ve with th	ne Texas Secr	etary of State	
. Customer L	egal Name (If an i	ndividual, pri	nt last name firs	t: eg: Doe, J	lohn)		If new Custome	r, enter pr	evious Custome	er below:	
Scheibe Ir	nvestments, LLC										
				TX State Tax ID (11 digits) 991258244			9. Federal Tax (9 digits) 47-5245234	(9 digits)		Number (if	
1. Type of Cu		Corpora		7.00			_			eral Limited	
	City County County] Federal [_]	Local State [Other		☐ Sole	ole Proprietorship				
12. Number of Employees ☑ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher						⊠ Yes □ No					
L4. Customer	Role (Proposed or	Actual) – as i	t relates to the R	egulated Er	ntity listed	d on this fori	n. Please check one	of the follo	owing		
⊠Owner ☐Occupationa	:	erator esponsible Pa	_	ner & Opera CP/BSA App			Othe	r:			
15. Mailing	17080 HWY 46 pa	d 5									
Address:	City Spring	Branch		State	TX	ZIP	78070		ZIP + 4		
16. Country Mailing Information (if outside USA)					17. E-Mail	Address (if applica	ble)				
					jscheibe@furandfeatherfamilyvet.com						

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18. Telephone Number		1	19. Extension or	Code		20. Fax Number (if applicable)			
(210) 634-0003						()	-		
ECTION III:	Regula	ted Entit	y Inform	ation	1				
21. General Regulated En	tity Informa	tion (If 'New Regula	ited Entity" is select	ed, a new po	ermit applica	tion is als	o required.)		
New Regulated Entity	Update to	Regulated Entity Nar	me 🔲 Update to	Regulated	Entity Inform	ation			
The Regulated Entity Nar as Inc, LP, or LLC).	ne submitted	d may be updated	l, in order to mee	t TCEQ Cor	e Data Stai	ndards (r	emoval of o	rganization	al endings such
22. Regulated Entity Nam	n e (Enter name	e of the site where th	ne regulated action	is taking pla	ce.)				
Fur and Feather Family \	Vet								
23. Street Address of									
the Regulated Entity:	18738 Forty	Six Parkway							
(No PO Boxes)	City	Spring Branch	State	TX	ZIP	78070		ZIP + 4	
24. County			1					I	
		If no Street A	Address is provid	ed, fields 2	5-28 are re	quired.			
25. Description to	5 C A .	taria TV talla II	204N - 11 - 46 Th	. 1 1 1.		0720 5 - 4	C: DI D		070
Physical Location:	From San An	tonio, TX take Hwy 2	281N to Hwy 46. Th	e location is	at address 1	8/38 Fort	y Six Pkwy Bul	verde, IX 78	070
26. Nearest City				State		Nearest ZIP Code			
Bulverde				TX		78070			
Latitude/Longitude are roused to supply coordinate	-				ata Standa	ırds. (Ge	ocoding of ti	he Physical	Address may be
27. Latitude (N) In Decimal: -98.404				ongitude (V	V) In Dec	imal:	29.798		
Degrees	Minutes	Sec	conds	Degre	es		Minutes		Seconds
98	24		14.4		29		47		52.8
29. Primary SIC Code	30.	Secondary SIC Cod	de	31. Primar	y NAICS Co	de	32. Seco	ondary NAIC	CS Code
(4 digits)	(4 di	gits)		(5 or 6 digit	s)		(5 or 6 di	gits)	
0742				541940					
33. What is the Primary E	Business of t	his entity? (Do no	ot repeat the SIC or	NAICS descr	iption.)				
Veterinary Clinic									
34. Mailing									
· ·	17080 HW	Y 46 pad 5							
Address:	City	Spring Branch	State	тх	ZIP	78070		ZIP + 4	
35. E-Mail Address:	jscho	 eibe@furandfeather	rfamilyvet.com						<u> </u>
36. Telephone Number		3	7. Extension or C	Code	38. F	ax Numb	per (if applicat	ble)	
(210) 634-0003			() -						

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☐ Dam Safety ☐ Districts			Edwards Aquifer	missions Inventory	Air	☐ Industrial Hazardous Waste				
☐ Municipal	Solid Waste	OSSF	Petroleum Storage Tank			☐ PWS				
Sludge	Sludge Storm Water Title V Air				îres	Used Oil				
Voluntary	untary Cleanup		Vater Rights		Other:					
SECTIO	N IV: Pr	eparer Inf	ormation							
40. Name:	Blake Alli		41. Title:	41. Title: Manager						
42. Telephone	Number	43. Ext./Code	44. Fax Number	45. E-N	E-Mail Address					
(817) 659-	(817) 659-9078									
SECTIO	N V: Au	thorized S	<u>ignature</u>							
46. By my signatu to submit this for	ure below, I certify m on behalf of th	, to the best of my kno e entity specified in Sec	wledge, that the informati tion II, Field 6 and/or as re	ion provided equired for th	in this	s form is true and co lates to the ID num	omplete, bers iden	and that I h tified in fiel	ave signature autho d 39.	rity
Company:	Fur	+ Feather	- family	Job Title	ner	Vete	vine	ariar	7	
Name (In Print): Jan	rifer Sc	heibe			Pho		210'	387-66	70
Signature:	12	not. 50	heile)			Date):	11/2.	8/24	
	0)								•	

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