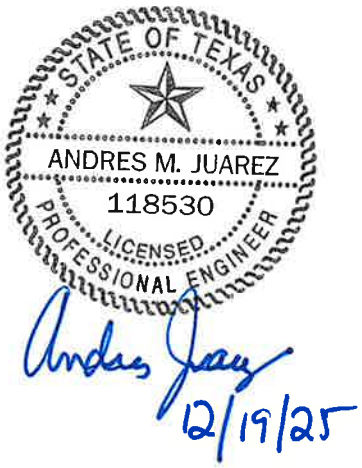
CONTRIBUTING ZONE PLAN

FOR

DRIPPING SPRINGS ISD
NEW K-8 ELEMENTARY & MIDDLE SCHOOL
DRIPPING SPRINGS, TEXAS

DECEMBER 2025



Prepared By:

DIG ENGINEERS
A PBK COMPANY

Texas Registered Engineering Firm No. F-18326

TCEQ-20705: EDWARDS AQUIFER 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

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

Technical Review

1. When an application is deemed administratively complete, the technical review period begins. The regional office will distribute copies of the application to the identified affected city, county, and groundwater conservation district whose jurisdiction includes the subject site. These entities and the public have 30 days to provide comments on the application to the regional office. All comments received are reviewed by TCEQ.
2. A site assessment is usually conducted as part of the technical review, to evaluate the geologic assessment and observe existing site conditions. The site must be accessible to our staff. The site boundaries should be

clearly marked, features identified in the geologic assessment should be flagged, roadways marked and the alignment of the Sewage Collection System and manholes should be staked at the time the application is submitted. If the site is not marked the application may be returned.

3. We evaluate the application for technical completeness and contact the applicant and agent via Notice of Deficiency (NOD) to request additional information and identify technical deficiencies. There are two deficiency response periods available to the applicant. There are 14 days to resolve deficiencies noted in the first NOD. If a second NOD is issued, there is an additional 14 days to resolve deficiencies. If the response to the second notice is not received, is incomplete or inadequate, or provides new information that is incomplete or inadequate, the application must be withdrawn or will be denied. Please note that because the technical review is underway, whether the application is withdrawn or denied **the application fee will be forfeited**.
4. The program has 90 calendar days to complete the technical review of the application. If the application is technically adequate, such that it complies with the Edwards Aquifer rules, and is protective of the Edwards Aquifer during and after construction, an approval letter will be issued. Construction or other regulated activity may not begin until an approval is issued.

Mid-Review Modifications

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

Occasionally, circumstances arise where you may have significant design and/or site plan changes after your Edwards Aquifer application has been deemed administratively complete by TCEQ. This is considered a "MidReview 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: Dripping Springs ISD Elementary and Middle School						**2. Regulated Entity No.: RN108296708**			
3. Customer Name: Dripping Springs ISD						**4. Customer No.:** CN 601259435			
5. Project Type: **(Please circle/check one)**	New		Modification ☒			Extension		Exception	
6. Plan Type: **(Please circle/check one)**	WPAP	CZP ☒	SCS	UST	AST	EXP	EXT	Technical Clarification	Optional Enhanced Measures
7. Land Use: **(Please circle/check one)**	Residential		Non-residential ☒			**8. Site (acres):**			49.103 acres
9. Application Fee:	$8,000		**10. Permanent BMP(s):**			(2) Sand Filtration Ponds (ENHANCED MEASURES)			
11. SCS (Linear Ft.):	N/A		**12. AST/UST (No. Tanks):**			N/A			
13. County:	Hays		**14. Watershed:**			Spring Branch of Bear 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%20GWCD%20map.pdf For more detailed boundaries, please contact the conservation district directly.

Austin Region			
County:	**Hays**	**Travis**	**Williamson**
Original (1 req.)	_X_	—	—
Region (1 req.)	_X_	—	—
County(ies)	_X_	—	—
Groundwater Conservation District(s)	__Edwards Aquifer Authority __Barton Springs/ Edwards Aquifer _X_Hays Trinity __Plum Creek	__ Barton Springs/ Edwards Aquifer	NA
City(ies) Jurisdiction	__Austin __Buda _X_Dripping Springs __Kyle __Mountain City __San Marcos __Wimberley __Woodcreek	__Austin __Bee Cave __Pflugerville __Rollingwood __Round Rock __Sunset Valley __West Lake Hills	__Austin __Cedar Park __Florence __Georgetown __Jerrell __Leander __Liberty Hill __Pflugerville __Round Rock

San Antonio Region					
County:	**Bexar**	**Comal**	**Kinney**	**Medina**	**Uvalde**
Original (1 req.)	—	—	—	—	—
Region (1 req.)	—	—	—	—	—
County(ies)	—	—	—	—	—
Groundwater Conservation District(s)	__ Edwards Aquifer Authority __Trinity-Glen Rose	__Edwards Aquifer Authority	__Kinney	__EAA __Medina	__EAA __Uvalde
City(ies) Jurisdiction	__Castle Hills __Fair Oaks Ranch __Helotes __Hill Country Village __Hollywood Park __San Antonio (SAWS) __Shavano Park	__Bulverde __Fair Oaks Ranch __Garden Ridge __New Braunfels __Schertz	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.

Andres M. Juarez, P.E.
Print Name of Customer/Authorized Agent

Andres Juarez 12/19/25
Signature of Customer/Authorized Agent Date

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

TCEQ-10400: TCEQ CORE DATA FORM

TCEQ Use Only

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 Permit, Registration or Authorization *(Core Data Form should be submitted with the program application.)*

☐ Renewal *(Core Data Form should be submitted with the renewal form)*

☒ Other **Contributing Zone Plan Modification**

2. Customer Reference Number *(if issued)*

CN 601259435

Follow this link to search for CN or RN numbers in Central Registry**

3. Regulated Entity Reference Number *(if issued)*

RN 108296708

SECTION II: Customer Information

4. General Customer Information

5. Effective Date for Customer Information Updates (mm/dd/yyyy) 12/19/2025

☐ New Customer ☒ Update to Customer Information ☐ Change in Regulated Entity Ownership

☐ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)

The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).

6. Customer Legal Name *(If an individual, print last name first: eg: Doe, John)*

If new Customer, enter previous Customer below:

Dripping Springs ISD

7. TX SOS/CPA Filing Number

8. TX State Tax ID (11 digits)

9. Federal Tax ID (9 digits)

74-600309

10. DUNS Number *(if applicable)*

11. Type of Customer:

☐ Corporation ☐ Individual Partnership: ☐ General ☐ Limited

Government: ☐ City ☐ County ☐ Federal ☐ Local ☐ State ☒ Other ☐ Sole Proprietorship ☐ Other:

12. Number of Employees

☐ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☒ 501 and higher

13. Independently Owned and Operated?

☒ **Yes** ☐ **No**

14. Customer Role (Proposed or Actual) – *as it relates to the Regulated Entity listed on this form. Please check one of the following*

☐ Owner ☐ Operator ☒ Owner & Operator

☐ Occupational Licensee ☐ Responsible Party ☐ VCP/BSA Applicant ☐ Other:

15. Mailing Address:

300 Sportsplex Drive

City	Dripping Springs	State	TX	ZIP	78620	ZIP + 4	

16. Country Mailing Information *(if outside USA)*

17. E-Mail Address *(if applicable)*

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*
(512) 858-3000		(512) 858-3099

SECTION III: Regulated Entity Information

21. General Regulated Entity Information *(If 'New Regulated Entity" is selected, a new permit application is also required.)*

☐ New Regulated Entity ☐ Update to Regulated Entity Name ☐ Update to Regulated Entity Information

The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).

22. Regulated Entity Name *(Enter name of the site where the regulated action is taking place.)*

Dripping Springs ISD

23. Street Address of the Regulated Entity: ***(No PO Boxes)***	1000 Sawyer Ranch Road							
	City	Dripping Springs	**State**	TX	**ZIP**	78620	**ZIP + 4**	
24. County	Hays							

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

25. Description to Physical Location:	East side of Sawyer Ranch Road, south of Hwy 290, south of White Washington Way, and north of Cool Springs Way and adjacent to Rachels Canyon Drive				
26. Nearest City			**State**		**Nearest ZIP Code**
Dripping Springs			TX		78620

Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).

27. Latitude (N) In Decimal:	30.181341		**28. Longitude (W) In Decimal:**	97.998133	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
30	10	52.8276	97	59	53.2788

29. Primary SIC Code (4 digits)	30. Secondary SIC Code (4 digits)	31. Primary NAICS Code (5 or 6 digits)	32. Secondary NAICS Code (5 or 6 digits)
8211		611110	

33. What is the Primary Business of this entity? *(Do not repeat the SIC or NAICS description.)*

K-8 Educational Institution

34. Mailing Address:	300 Sportsplex Drive							
	City	**Dripping Springs**	**State**	**TX**	**ZIP**	**78620**	**ZIP + 4**	
35. E-Mail Address:	**elaine.cogburn@dsisd.txed.net**							

36. Telephone Number	37. Extension or Code	38. Fax Number *(if applicable)*
(512) 858-3000		**(512) 858-3099**

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

☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☐ Wastewater	☐ Wastewater Agriculture	☐ Water Rights	☒ Other: Edwards Aquifer
				Contributing Zone

SECTION IV: Preparer Information

40. Name:	Andres M. Juarez, P.E.	**41. Title:**	Vice President-DIG Engineers

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(713) 965-0608		( ) -	andres.juarez@digengineers.com

SECTION V: Authorized Signature

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

Company:	PBK Architects	**Job Title:**	Vice President - DIG Engineers
Name *(In Print):*	Andres M. Juarez, P.E.	**Phone:**	(713) 965- **608**
Signature:	Andres Juarez	**Date:**	12/19/25

TCEQ-10257: CONTRIBUTING ZONE PLAN APPLICATION

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: Andres M. Juarez, P.E.

Date: 12/19/25

Signature of Customer/Agent:

Regulated Entity Name:

Dripping Springs I.S.D.

Project Information

1. County: ___ Hays County
2. Stream Basin: ___ Bear Creak
3. Groundwater Conservation District (if applicable): ___ Hays Trinity Groundwater Conservation District _____
4. Customer (Applicant):

Contact Person:	___ Elaine Cogburn, CPA, RTSBA	
Entity:	___ Dripping Springs I.S.D.	
Mailing Address:	___ 300 Sportsplex Drive	
City, State:	__ Dripping Springs, TX_____	Zip: 78620
Telephone:	___ (512)858-3002____	Fax: ___ (512)858-3099
Email Address:	___ elaine.cogburn@dsisd.txed.net	

5. Agent/Representative (If any):

Contact Person: __ Andres M. Juarez, P.E.
Entity: __ DIG Engineers
Mailing Address: __ 24275 Katy Fwy
City, State: __ Katy, TX___ Zip: __ 77494___
Telephone: __ (713)965-0608___ Fax:
Email Address: __andres.juarez@digengineers.com

6. Project Location:

☐ The project site is located inside the city limits of __.
■ The project site is located outside the city limits but inside the ETJ (extra-territorial jurisdiction) of City of Dripping Springs__.
☐ The project site is not located within any city's limits or ETJ.

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

The project site is located on the east side of Sawyer Ranch Road, south of Highway 290. The site is south of White Washington Way, north of Cool Spring Way, and adjacent to Rachels Canyon Drive.

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

9. ■ **Attachment B - USGS Quadrangle Map**. A copy of the official 7 ½ minute USGS Quadrangle Map (Scale: 1" = 2000') is attached. The map(s) clearly shows:

■ Project site boundaries.
■ USGS Quadrangle Name(s).

10. ■ **Attachment C - Project Narrative**. A detailed narrative description of the proposed project is attached. The project description is consistent throughout the application and contains, at a minimum, the following details:

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

11. Existing project site conditions are noted below:

- [x] Existing commercial site
- [ ] Existing industrial site
- [ ] Existing residential site
- [ ] Existing paved and/or unpaved roads
- [ ] Undeveloped (Cleared)
- [ ] Undeveloped (Undisturbed/Not cleared)
- [ ] Other:

12. The type of project is:

- [ ] Residential: # of Lots:
- [ ] Residential: # of Living Unit Equivalents:
- [ ] Commercial
- [ ] Industrial
- [x] Other: Educational Institution

13. Total project area (size of site): 50.554 Acres Total disturbed area: 38.34 Acres

14. Estimated projected population: N/A

15. The amount and type of impervious cover expected after construction is complete is shown below:

Table 1 - Impervious Cover

Impervious Cover of Proposed Project	***Sq. Ft.***	***Sq. Ft./Acre***	***Acres***
Structures/Rooftops	210,749	÷ 43,560 =	4.84
Parking	310,230	÷ 43,560 =	7.12
Other paved surfaces + Paving in Sawyer Ranch Road	266,405	÷ 43,560 =	6.12
Total Impervious Cover	787,384	÷ 43,560 =	18.08

Total Impervious Cover 18.08 **÷ Total Acreage** 50.554 **X 100 = 35.76 % 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. ■ 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. ☐

N/A

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 x W = ___Ft^2 ÷ 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 Tank):

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

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

■ Sewage Collection System (Sewer Lines):

The sewage collection system will convey the wastewater to the ___ (name) Treatment Plant. The treatment facility is: High Pointe

■ Existing.
☐ Proposed.

☐ N/A

Permanent Aboveground Storage Tanks(ASTs) ≥ 500 Gallons

Complete questions 27 - 33 if this project includes the installation of AST(s) with volume(s) greater than or equal to 500 gallons. ■ N/A

27. Tanks and substance stored:

Table 2 - Tanks and Substance Storage

AST Number	*Size (Gallons)*	*Substance to be Stored*	*Tank Material*
1			
2			
3			
4			
5			

Total x 1.5 = ___ Gallons

28. ☐ The AST will be placed within a containment structure that is sized to capture one and one-half (1 1/2) times the storage capacity of the system. For facilities with more than one tank system, the containment structure is sized to capture one and one-half (1 1/2) times the cumulative storage capacity of all systems.

☐ **Attachment G - Alternative Secondary Containment Methods**. Alternative methods for providing secondary containment are proposed. Specifications showing equivalent protection for the Edwards Aquifer are attached.

29. Inside dimensions and capacity of containment structure(s):

Table 3 - Secondary Containment

Length (L)(Ft.)	*Width(W)(Ft.)*	*Height (H)(Ft.)*	*L x W x H = (Ft3)*	*Gallons*

Total: ___ 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

☐ 33. Any spills must be directed to a point convenient for collection and recovery. Spills from storage tank facilities must be removed from the controlled drainage area for disposal within 24 hours of the spill.

☐ In the event of a spill, any spillage will be removed from the containment structure within 24 hours of the spill and disposed of properly.
☐ In the event of a spill, any spillage will be drained from the containment structure through a drain and valve within 24 hours of the spill and disposed of properly. The drain and valve system are shown in detail on the scaled drawing.

Site Plan Requirements

Items 34 - 46 must be included on the Site Plan.

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

Site Plan Scale: 1" = 20__'.

35. 100-year floodplain boundaries:

☐ Some part(s) of the project site is located within the 100-year floodplain. The floodplain is shown and labeled.
■ No part of the project site is located within the 100-year floodplain.

The 100-year floodplain boundaries are based on the following specific (including date of material) sources(s): ___.

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

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

37. ■ A drainage plan showing all paths of drainage from the site to surface streams.

38. ■ The drainage patterns and approximate slopes anticipated after major grading activities.

39. ■ Areas of soil disturbance and areas which will not be disturbed.

40. ■ Locations of major structural and nonstructural controls. These are the temporary and permanent best management practices.

41. ■ Locations where soil stabilization practices are expected to occur.

42. ■ Surface waters (including wetlands). N/A

43. ☐ Locations where stormwater discharges to surface water.

■ There will be no discharges to surface water.

44. ☐ Temporary aboveground storage tank facilities.

■ Temporary 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.

Permanent Best Management Practices (BMPs)

Practices and measures that will be used during and after construction is completed.

47. ■ Permanent BMPs and measures must be implemented to control the discharge of pollution from regulated activities after the completion of construction. N/A

48. ■ 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

49. ■ 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

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

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

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

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

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

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

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

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

52. **Attachment J - BMPs for Upgradient Stormwater**.

☐ A description of the BMPs and measures that will be used to prevent pollution of surface water, groundwater, or stormwater that originates upgradient from the site and flows across the site is attached.

■ No surface water, groundwater or stormwater originates upgradient from the site and flows across the site, and an explanation is attached.

☐ Permanent BMPs or measures are not required to prevent pollution of surface water, groundwater, or stormwater that originates upgradient from the site and flows across the site, and an explanation is attached.

53. **Attachment K - BMPs for On-site Stormwater**.

■ A description of the BMPs and measures that will be used to prevent pollution of surface water or groundwater that originates on-site or flows off the site, including pollution caused by contaminated stormwater runoff from the site is attached.

☐ Permanent BMPs or measures are not required to prevent pollution of surface water or groundwater that originates on-site or flows off the site, including pollution caused by contaminated stormwater runoff, and an explanation is attached.

54. ■ **Attachment L - BMPs for Surface Streams**. A description of the BMPs and measures that prevent pollutants from entering surface streams is attached. N/A

55. ■ **Attachment M - Construction Plans**. Construction plans and design calculations for the proposed permanent BMPs and measures have been prepared by or under the direct supervision of a Texas Licensed Professional Engineer, and are signed, sealed, and dated. Construction plans for the proposed permanent BMPs and measures are attached and include: Design calculations, TCEQ Construction Notes, all proposed structural plans and specifications, and appropriate details. N/A

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 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. 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.

Responsibility for Maintenance of Permanent BMPs and Measures 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. N/A

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

61. ■ 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

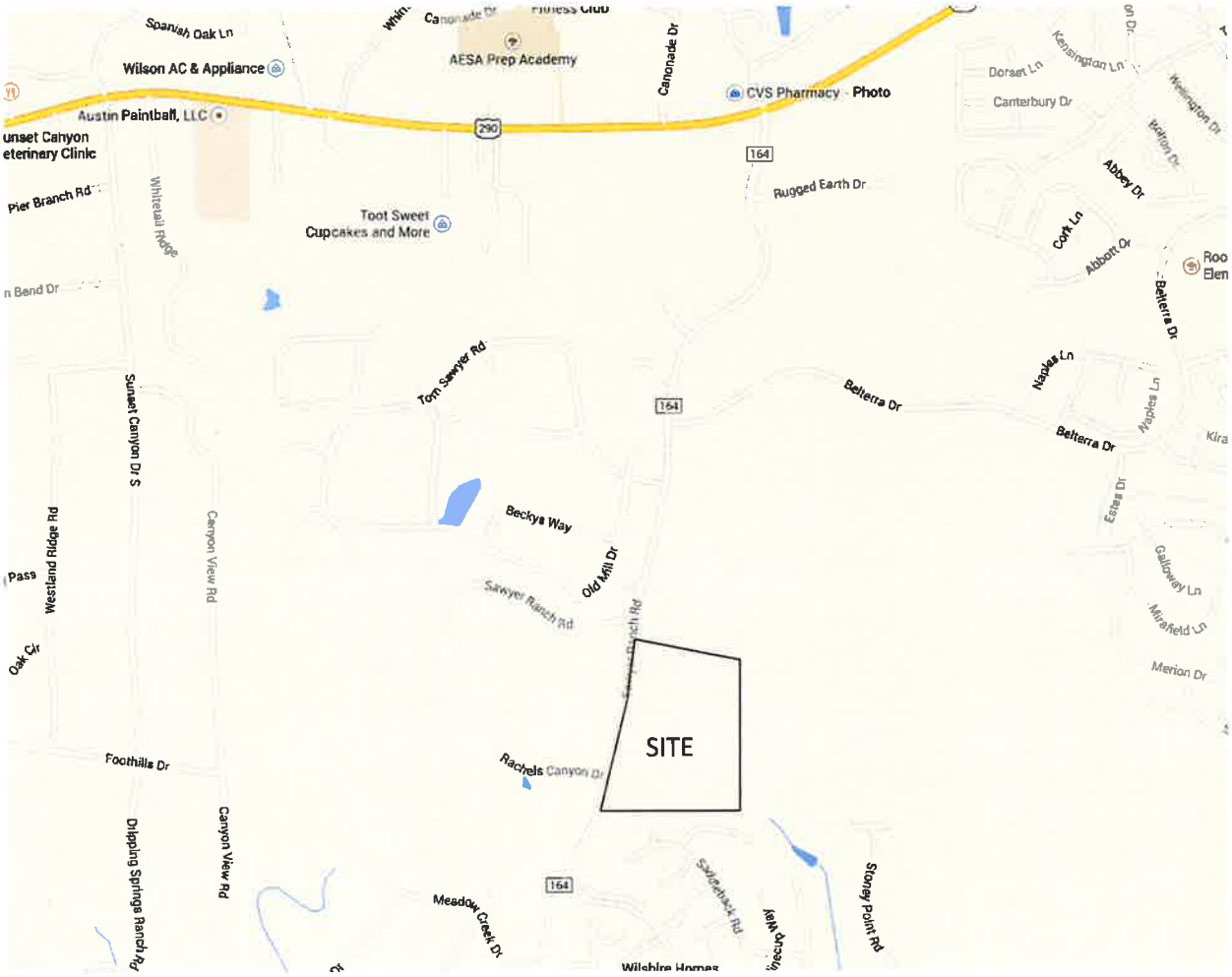
which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions.

62. ■ 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.

63. ☐ 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.

■ The Temporary Stormwater Section (TCEQ-0602) is included with the application.

ATTACHMENT A – Road Map



Protecting Texas by
Reducing and
Preventing Pollution

Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Tx 78711-3087
For more information concerning this map,
please contact the Field Operations Support Division
at (512) 239-1716 02/10/2015

Dripping Springs ISD New Elementary/Middle School

ATTACHMENT C – Project Narrative

The subject property consists of 49.103 acres located on the east side of Sawyer Ranch Road south of Highway 290. The project site was developed in 2015 with a disturbed area of 37.410 acres and increase of impervious cover of 17.15 acres. In addition, approximately 1.45 acres of the abutting ROW (Sawyer Ranch Road) was improved and this area contributes flow to the tract. The owner is now proposing to add an additional 0.93 acres of impervious cover within the 49.103 acre tract. The total project area in the Plan is 50.554 acres. Total Site Impervious Cover is 787,384 sf (18.08 ac. – 35.76% I.C.). The amount of existing impervious cover in the ROW for Sawyer Ranch Road which flows onto the site is approximately 47,750 sf. The total amount of impervious cover within the Project Area (50.554 acres) is 19.172 ac. (37.92% I.C.)

The proposed improved conditions with this Contributing Zone Permit (CZP) application include one existing main school building designed to accommodate a total of 2050 students (K-8) and the addition of one separate building structure, as well as existing associated drives and parking lots, a football field with running track, a practice field, tennis courts, and all associated water, wastewater, and drainage improvements. Existing water quality controls and detention infrastructure were constructed in 2015 to treat the storm water.

In accordance with the West Travis County Public Utility Agency Water and Sewer Service and Development Policies, this project is required to adopt one of the alternative water quality measures required as specified in the "Memorandum of Understanding" between LCRA and the USFWS. The alternative water quality measures to be employed on this project are designed to comply with the TCEQ "Optional Enhanced Measures for Protection of Water Quality in the Edwards Aquifer" (RG-348 Appendix A and Appendix B).

In accordance with the "Optional Enhanced Measures", a Geologic Assessment was performed to identify any sensitive features, and stream buffers were established based on drainage areas contributing flow to the streams. No sensitive features were located in the Geologic Assessment. Temporary sediment traps were constructed sized in accordance with RG-348 Appendix A and permanent BMP's were sized based off of the required TSS removal methodology as outlined in the "Optional Enhanced Measures". Finally, to protect area stream morphology, the project limits the peak rate of runoff for the 2-yr, 24-hour storm to 50% of the undeveloped rate for that event and limits the 10-yr, 24-hour storm peak runoff rate to the undeveloped rate for the same storm conditions.

Due to the site topography, the site was divided into two drainage basins. Each drainage basin is served by a permanent structural BMP (partial sedimentation/filtration basin) and detention basin.

Water Quality Controls

The required amount of TSS removal is based on the methodology in RG-348 Appendix A which requires the removal of 80% of the annual TSS load in the runoff from the site without regard for the level of impervious cover. Based on the Project Area of 50.554 acres and the total (existing + proposed) impervious cover of 19.172 acres, the required amount of TSS Load to be removed (L_M) is 17,525 lbs.

Two partial sedimentation and filtration water quality ponds are acting as Best Management Practices (BMPs) for the project. Drainage Area 'A1' (14.835 acres total with 8.836 acres of impervious cover) drains to the north east corner of the site and has the potential to remove 9,074 lbs of TSS. Drainage Area 'B1' (14.561 acres total with 9.097 acres of impervious cover) drains to the southeast corner of the site and has the potential to remove 9,331 lbs of TSS. The total available load removal by both ponds is 18,405 lbs of TSS. These BMPs are designed to remove a minimum of 17,525 lbs of TSS as required for the overall site by TCEQ's Optional Enhanced Measures, RG-348 Appendix A.

In addition to the two partial sedimentation/filtration basins, there are two existing detention basins. In accordance with the requirement to protect stream morphology portion of the Enhanced Measures, the peak stormwater release rates for the 2-yr 24-hr developed condition event must be limited to 50% of the release rates for the same event under undeveloped conditions. HEC-HMS 4.0 was used to model the hydrology of the site.

Drainage

Drainage/grading improvements throughout the project will convey runoff to the two water quality ponds for treatment. After flows are treated by the water quality ponds, the flows are conveyed into adjoining detention ponds and are then released in pre-developed condition to existing natural drainageways which run offsite into Bear Creek.

Water

Domestic water service and fire flow will be supplied by the West Travis Municipal Utility District No. 5 through connections to the existing water system constructed within the right of way of Sawyer Ranch Road. The connections will be made to an existing 20" waterline along the east side Sawyer Ranch Road to create a complete loop. A 12" PVC line was extended into the site with a 6" water meter, 8" pressure reducer, and 8" backflow preventer at each connection to serve the existing buildings. A new 6" PVC fire line and a new 2.5" domestic line will be extended to the new building construction with a meter, pressure reducer and backflow preventers.

Wastewater

Wastewater from the existing facility is collected via gravity by 6" PVC service line and conveyed to a proposed grinder pump/lift station south of the proposed building. Wastewater for the proposed building addition will be collected via a separate 6" PVC service line. The effluent (about 16 GPM's) will be pumped through a 3" PVC force main to a proposed on-site sewer manhole and then discharged via a new gravity 8" PVC line to the existing wastewater system belonging to the housing subdivision located immediately south of the site.

ATTACHMENT D - Factors Affecting Surface Water Quality

Factors affecting water quality include oils, grease, and other substances typically associated with driving areas. Runoff will be treated as required by the TCEQ Environmental Regulations.

ATTACHMENT E - Volume and Character of Stormwater

Water character that is expected to be generated from the project site includes a mixture of water with oil, grease, and other substances generally associated with paved drives.

Drainage Area (DA) A has an existing area of 17.57 acres and a 25-year flow of 86.7 cfs and curve number of 84 with no impervious cover. After construction, it will have a developed area of 21.59 acres with 41.35% impervious cover. With the use of onsite detention, the total 25-year release rate for this area will be 79.4 cfs.

Under existing conditions, DA B has an existing area of 32.98 acres and a 25-year flow of 153.7 cfs and curve number of 84 with no impervious cover. After construction, DA B will have a developed area of 28.96 acres with 28.35% impervious cover. With the use of onsite detention, the total 25-year release rate for this area will be 139.4 cfs. Proposed DA A and DA B will both have a detention facility designed per the City of Austin Drainage Criteria Manual. The existing overall 25-year site runoff is 239.5 cfs and the proposed overall 25-year site runoff is 218.6 cfs.

DRIPPING SPRINGS NEW ELEMENTARY/MIDDLE SCHOOL

HEC-HMS Summary

EXISTING CONDITIONS

Hydrologic Element	Drainage Area	Composite SCS CN	I.C. %	T_c	T_{LAG} (T_c x 0.6)	Q_2	Q_{10}	Q_{25}	Q_{100}
Existing 'A'	**17.57 Ac.**	**84.00**	**0.0%**	**15.79 Min.**	**9.48 Min.**	**43.3 cfs**	**92.0 cfs**	**86.7 cfs**	**121.8 cfs**
Existing 'B'	**32.98 Ac.**	**84.00**	**0.0%**	**18.74 Min.**	**11.25 Min.**	**75.3 cfs**	**160.8 cfs**	**153.7 cfs**	**215.9 cfs**
TOTAL	50.55 Ac.	---	----	---	---	118.2 cfs	251.4 cfs	239.5 cfs	336.6 cfs

DEVELOPED CONDITIONS

Hydrologic Element	Drainage Area	Composite SCS CN	I.C. %	T_c	T_{LAG} (T_c x 0.6)	Q_2	Q_{10}	Q_{25}	Q_{100}
Proposed 'A1'	14.83 Ac.	84.00	59.56%	5.0 Min.	3.0 Min.	61.1 cfs	112.4 cfs	97.6 cfs	132.7 cfs
WQ 'A' area	0.67 Ac.	84.00	100%	5.0 Min.	3.0 Min.	3.0 cfs	5.2 cfs	4.4 cfs	5.9 cfs
					PEAK POND INFLOW:	64.1 cfs	117.5 cfs	102.0 cfs	138.5 cfs
WQ Pond 'A'					PEAK RELEASED FLOWS:	33.4 cfs	113.9 cfs	99.4 cfs	135.6 cfs
					PEAK WATER SURFACE ELEVATIONS:	**1149.29'**	**1149.66'**	**1149.61'**	**1149.50'**
Det 'A' area	0.56 Ac.	84.00	100%	5.0 Min.	3.0 Min.	2.5 cfs	4.3 cfs	3.6 cfs	4.9 cfs
					PEAK POND INFLOW:	34.6 cfs	118.0 cfs	102.9 cfs	140.4 cfs
Detention 'A'					PEAK RELEASED FLOWS:	6.16 cfs	43.61 cfs	53.43 cfs	80.76 cfs
					PEAK WATER SURFACE ELEVATIONS:	**1143.69'**	**1147.47'**	**1148.03'**	**1149.42'**
Proposed 'A2'	5.52 Ac.	84.00	1.70%	15.79 Min.	9.48 Min.	13.1 cfs	27.6 cfs	26.0 cfs	36.5 cfs
Proposed 'A'	**21.59 Ac.**	**----**	**----**	**----**	**----**	**18.2 cfs**	**69.5 cfs**	**78.3 cfs**	**116.5 cfs**
Proposed 'B1'	13.63 Ac.	84.00	59.92%	5.0 Min.	3.0 Min.	56.2 cfs	103.3 cfs	89.7 cfs	122.0 cfs
WQ 'B' area	0.71 Ac.	84.00	100%	5.0 Min.	3.0 Min.	3.2 cfs	5.5 cfs	4.7 cfs	6.3 cfs
					PEAK POND INFLOW:	59.5 cfs	108.8 cfs	94.4 cfs	128.3 cfs
WQ Pond 'B'					PEAK RELEASED FLOWS:	45.0 cfs	104.6 cfs	92.2 cfs	125.8 cfs
					PEAK WATER SURFACE ELEVATIONS:	**1128.11'**	**1128.38'**	**1128.55'**	**1128.67'**
Det 'B' area	0.49 Ac.	84.00	100%	5.0 Min.	3.0 Min.	2.2 cfs	3.7 cfs	3.2 cfs	4.2 cfs
					PEAK POND INFLOW:	48.1 cfs	109.4 cfs	95.2 cfs	130.0 cfs
Detention 'B'					PEAK RELEASED FLOWS:	6.62 cfs	60.30 cfs	66.42 cfs	103.72 cfs
					PEAK WATER SURFACE ELEVATIONS:	**1124.22'**	**1126.77'**	**1126.93'**	**1127.67'**
Proposed 'B2'	14.13 Ac.	84.00	0.3%	18.74 Min.	11.25 Min.	33.2 cfs	70.9 cfs	67.7 cfs	95.2 cfs
Proposed 'B'	**28.96 Ac.**	**----**	**----**	**----**	**----**	**39.5 cfs**	**131.2 cfs**	**134.1 cfs**	**197.0 cfs**
TOTAL	50.55 Ac.	----	----	----	----	57.6 cfs	200.6 cfs	212.0 cfs	312.7 cfs

Notes:

1. Q2 and Q10 values are based on **SCS Type II distributions** 24-hr rainfalls for Hays County per TCEQ Enhanced Measures RG-348A Page A-26. Q25 and Q100 values are based on **SCS Type III distributions** based on City of Austin Drainage Criteria as adopted by the City of Dripping Springs.

ATTACHMENT J – BMPs for Up Gradient Stormwater

Off-site up gradient stormwater generally consists of sheet flow from the adjacent Sawyer Ranch Road and intermittent flow in the existing drainageway flowing across the northeast corner of the tract. Flows from the adjacent street are small and will comingle with onsite developed flows for treatment by the onsite BMPs. The existing drainageway across the northeast corner of the tract is generally outside of the limits of construction. Developed onsite flows will be diverted to onsite controls prior to release to this drainageway.

ATTACHMENT K – BMPs for On-Site Stormwater

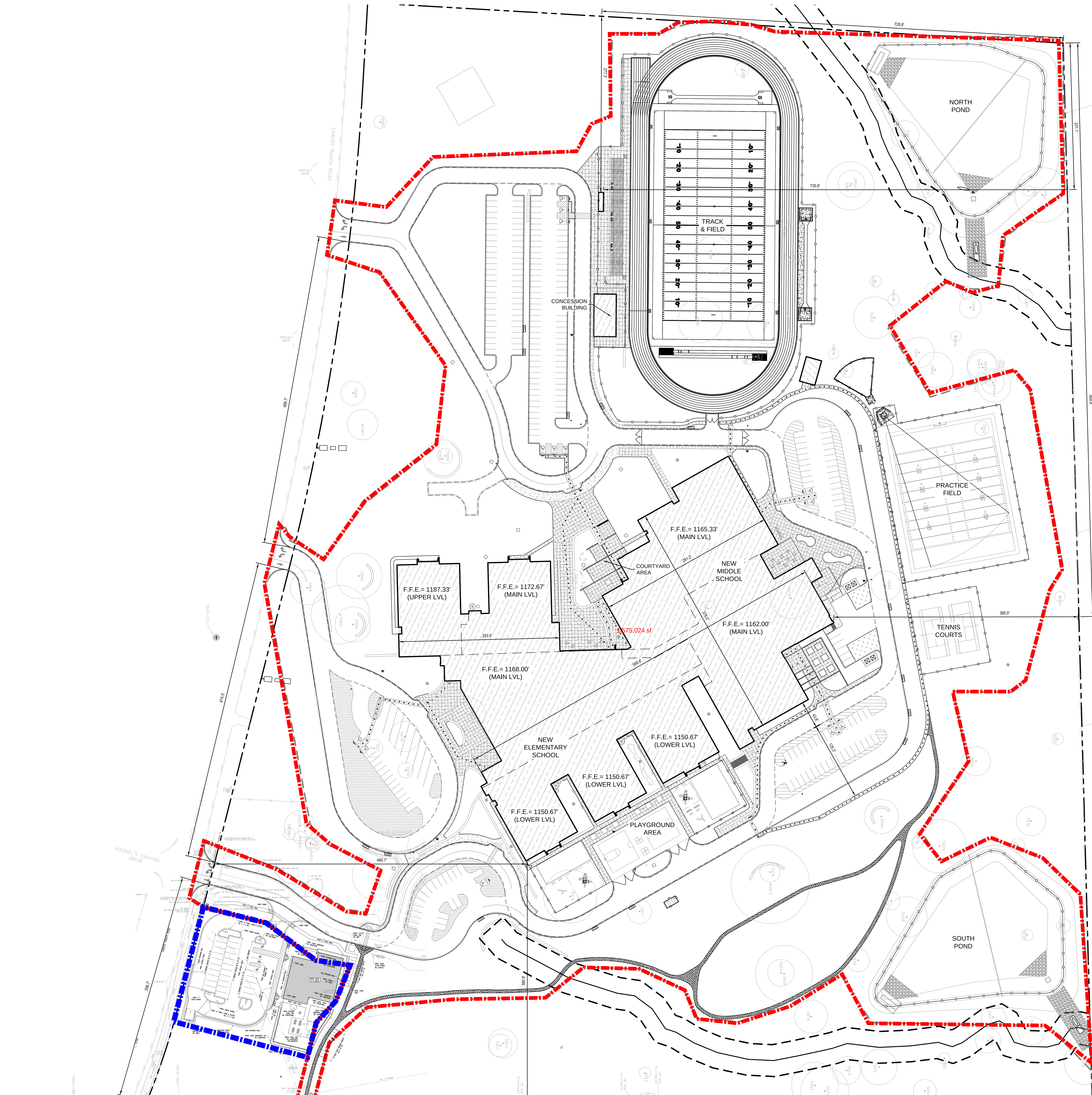
Permanent measures to capture and treat the required volumes of storm water runoff associated with the proposed K-8 school building consist of two (2) partial sedimentation and filtration water quality ponds designed in accordance with TCEQ's Optional Enhanced Measures, RG-348 Appendix A.

ATTACHMENT L – BMPs for Surface Streams

All site developed flows will be routed via storm sewer to the partial sedimentation and filtration water quality and detention ponds onsite. In accordance with the enhanced measures requirement, the peak 2-year release rate is less than 50% of the peak existing 2-year release rate. This helps to minimize streambank erosion of downstream surface streams.

ATTACHMENT M – Construction Plans

Construction plans are included with this application.



GRAPHIC SCALE

60 0 30 60 120

(IN FEET)

1 inch = 60 ft.

LEGEND

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- ELEC — EXISTING ELECTRICAL
- UE — EXISTING UNDERGROUND ELEC.
- OH — EXISTING OVERHEAD ELEC.
- GAS — EXISTING GAS
- 100' — EXISTING CONTOURS
- 100 — EXISTING TREE (TO REMAIN)
- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- PROPOSED STRIPING TO BE PAINTED ON AREA
- PROPOSED CONCRETE AREAS
- PROPOSED CRUSHED GRANITE PATHS
- FIRE LANE — PROPOSED FIRE LANE (PAINTED "FIRE LANE NO PARKING" AND STRIPING ON CURB AND/OR GUTTER AS SPECIFIED & SHOWN)
- L.O.C. (LIMITS OF CONSTRUCTION)
- FENCE (REF: ARCH)
- GATE (REF: ARCH)

PARKING SPACE LABELS

# = REGULAR PARKING SPACE	#C = COMPACT PARKING SPACE
#H = ACCESSIBLE PARKING SPACE	#T = TANDEM PARKING SPACE

PROPOSED UTILITIES:	EXISTING UTILITIES:
FIRE HYDRANTS	FIRE HYDRANTS
WV WATER VALVE	WV WATER VALVE
MANHOLE (STORM)	MANHOLE (STORM)
MANHOLE (WW)	MANHOLE (WW)
INLET	INLET

2015 CZP PLAN APPLICATION BOUNDARY

2025 CZP PLAN APPLICATION MODIFICATION BOUNDARY

NOTES:

1. ALL CURB RADII ARE 3' UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS ARE MEASURED TO FACE OF CURB AS APPLICABLE.
3. FIRE LANE SHALL BE TOP AND FACE OF CURB PAINTED RED. WITH 4" HIGH WHITE LETTERS ON FACE OF CURB "FIRE LANE - NO PARKING - TOW AWAY ZONE" EVERY 25'.
4. WHERE PROPOSED FEATURES TIE TO EXISTING FEATURES, VERIFY EXISTING TOPOGRAPHY PRIOR TO CONSTRUCTION AND CONSTRUCT (WALLS, WALKS, DRIVES, UTILITIES, ETC...) TO MATCH EXISTING LOCATION AND ELEVATION IN ACCORDANCE WITH INTENT OF DESIGN. NOTIFY ENGINEER IF DISCREPANCY EXISTS BETWEEN EXISTING TOPOGRAPHY AND TOPOGRAPHY SHOWN ON PLANS.

FOR INFORMATION PURPOSES ONLY

NOTE:
THE RECOMMENDATIONS MADE IN THE GEOTECHNICAL REPORT BY ALPHA TESTING, INC. (DATED NOVEMBER 3, 2014) SHALL GOVERN THE PROPOSED SITE WORK AS DEPICTED IN THESE PLANS.

NOTE:
CONTRACTOR / STRUCTURAL WALL DESIGNER TO COORDINATE WITH BUILDING STRUCTURAL ENGINEER FOR DESIGN OF SITE WALLS NEAR THE BUILDINGS.

!!! CAUTION !!!

EXISTING OVERHEAD UTILITIES IN VICINITY CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN WORKING NEAR ELECTRIC FACILITIES

!!! WARNING !!!

THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE LOCATION OF UNDERGROUND UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATION AND AVOIDING ALL EXISTING UTILITIES BY CALLING THE 'ONE CALL' LOCATOR SERVICE AT (800) 344-8377 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.

Revision / Date

Project: A NEW ELEMENTARY SCHOOL AND NEW MIDDLE SCHOOL FOR DRIPPING SPRINGS I.S.D. DRIPPING SPRINGS, TEXAS

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SITE & DIMENSION CONTROL PLAN - OVERALL

Job. No. 3169101	Sheet No.
Drawn By: B.G., R.B.	C3.1
Date: 03/18/15	

Sheet of

Drawing Path: E:\3169101_Drawings_Production Drawings\SHT_SITE & DIMENSION CONTROL PLAN OVERALL.dwg Plotted By: Russell Beamer Date: 3/18/2015 4:33:43 PM Layout: SITE - OVERALL Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), 1:1

GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH THE JOBSITE.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SAFEGUARDING AND PROTECTING ALL MATERIAL AND EQUIPMENT STORED ON THE JOBSITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STORAGE OF MATERIALS IN A SAFE AND WORKMANLIKE MANNER TO PREVENT INJURIES AND AFTER WORKING HOURS, UNTIL PROJECT COMPLETION.
4. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. DIMENSIONS SHOWN ARE TO FACE OF CURB UNLESS NOTED OTHERWISE.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS AND CONSTRUCTION INSPECTIONS WITH THE PROPER REGULATORY AGENCIES, PRIOR TO BEGINNING CONSTRUCTION. COPIES OF ALL PERMITS SHALL BE SENT TO THE ENGINEER.
6. CONTRACTOR TO OBTAIN ALL PERMITS REQUIRED PRIOR TO STARTING CONSTRUCTION OF UTILITIES AND/OR CULVERTS WITHIN RIGHT-OF-WAYS.
7. TOPOGRAPHIC SURVEY BY:
8. BENCHMARK: SEE SURVEY
9. CONTRACTOR IS SOLELY RESPONSIBLE FOR CONTACTING THE SURVEYOR AND VERIFYING THE BENCHMARK AND ON SITE TBM'S IN THE FIELD.
10. THE DRAWINGS SHOW AS MUCH INFORMATION AS CAN BE REASONABLY OBTAINED FROM ON THE GROUND OBSERVATION AND EXISTING CONSTRUCTION DRAWINGS REGARDING THE ENTIRE TOPOGRAPHY, CONTOURS, SUB-SURFACE SOILS, AS WELL AS THE LOCATION AND NATURE OF PIPELINES, STORM SEWERS, WATERLINES, NATURAL GAS LINES, UNDERGROUND CABLES, ECT. HOWEVER, THE ACCURACY OF OR COMPLETENESS OF SUCH INFORMATION IS NOT GUARANTEED.
11. THE EXISTING UTILITIES SHOWN WERE PROVIDED BY THE SURVEYOR. THE CONTRACTOR SHALL VERIFY THE LOCATIONS, SIZES, AND DEPTHS OF ALL UTILITIES. THE CONTRACTOR SHALL CONTACT THE CIVIL ENGINEER IF UTILITIES SHOWN ARE NOT AS SPECIFIED.
12. CONTRACTOR SHALL COMPLY WITH ALL OCCUPATIONAL SAFETY AND HEALTH ACT (O.S.H.A.) REGULATIONS.
13. ALL WORK IS TO BE DONE IN ACCORDANCE WITH APPLICABLE NATIONAL, STATE, MUNICIPAL, AND LOCAL CODES.
14. IT IS THE CONTRACTORS RESPONSIBILITY TO SUPERVISE AND COORDINATE ALL WORK TO ENSURE THE PROPER EXECUTION. ALL WORK IS TO BE ACCOMPLISHED IN A NEAT, WORKMAN LIKE MANNER, AND ALL EXCESS MATERIALS, TRASH, DEBRIS, ECT., SHALL BE REMOVED FROM THE JOB BY THE CONTRACTOR, AT HIS EXPENSE.
15. THE CONTRACTOR SHALL INCLUDE IN HIS BID AS AN INCIDENTAL ITEM FOR THE REMOVAL OF ANY EXISTING SIGNAGE THAT IS IN THE WAY OF THE PROPOSED NEW CONSTRUCTION. IF REMOVAL OF SIGNAGE IS NECESSARY, THE CONTRACTOR SHALL REPLACE SAID SIGNAGE.
16. THE CONTRACTOR SHALL KEEP ALL STREETS FREE OF DIRT, MUD,ETC. DURING THE COURSE OF CONSTRUCTION.
17. THE CONTRACTOR SHALL NOT LEAVE ANY TRENCHES OR PITS OPEN OVER NIGHT. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR KEEPING THE SCHOOL CHILDREN OUT OF WORK AREA.
18. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES IN THE AREA PRIOR TO COMMENCING WORK IN ANY RIGHT-OF-WAY OR EXISTING EASEMENT. A VERIFICATION NUMBER FROM THE ONE-CALL UTILITY COORDINATING COMMITTEE WILL BE REQUIRED. (800) 344-8377.
19. CONTRACTOR SHALL COORDINATE WITH APPROPRIATE UTILITY COMPANIES TO RELOCATE EXISTING POWER POLE(S) AND/OR UTILITY BOX(ES) OR ANY OTHER UTILITIES DEEMED NECESSARY BY THE ENGINEER. CONTRACTOR SHALL COORDINATE THE RELOCATION AND PAY ANY FEES.
20. STRIPING AND CROSS-HATCHING SHALL BE "TRAFFIC YELLOW" PAINTED LINES, FOUR (4) INCHES WIDE UNLESS OTHERWISE NOTED.
21. ALL PAVEMENT MARKINGS (OTHER THAN STRIPING & CROSS-HATCHING) SHALL BE THERMOPLASTIC.
22. REFER TO ARCHITECTURAL SHEETS FOR HANDICAP SIGNAGE.
23. EXISTING PAVEMENTS, CURBS, SIDEWALKS, AND DRIVEWAYS DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE REPLACED TO CITY STANDARDS.
24. CONDITION OF THE ROAD AND/OR RIGHT-OF-WAY, UPON COMPLETION OF JOB, SHALL BE AS GOOD AS OR BETTER THAN THE CONDITION PRIOR TO STARTING WORK.
25. ADEQUATE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION AND SHALL BE RESTORED TO THE SATISFACTION OF THE OWNING AUTHORITY.
26. WHEEL CHAIR RAMPS SHALL BE INSTALLED IN ACCORDANCE WITH CITY STANDARDS AT ALL INTERSECTIONS WHERE SIDEWALKS EXIST AND THE EXISTING CURB OR SIDEWALK IS DAMAGED OR REMOVED DURING CONSTRUCTION.
27. THIS PROPERTY IS LOCATED IN ZONE "X" UNSHADED, AREAS DETERMINED TO BE OUTSIDE OF THE 500-YEAR FLOODPLAIN AS SHOWN ON THE FLOOD INSURANCE RATE MAP BY (FEMA), 48209C0120G PANEL 120 OF 525, DATED JANUARY 17, 2025. THIS STATEMENT IS BASED ON SCALING THE LOCATION OF THIS SURVEY ON THE ABOVE REFERENCED MAP.

UTILITY NOTES

28. THE CONTRACTOR SHALL FURNISH ALL MATERIALS, EQUIPMENT, AND LABOR FOR EXCAVATION, INSTALLATION, BACKFILLING OF WATER AND/OR SEWER MAINS AND RELATED APPURTENANCES AS SHOWN ON THE PLANS AND/OR DESCRIBED IN THE SPECIFICATIONS.
29. THE CONTRACTOR SHALL COMPLY WITH O.S.H.A. REGULATIONS AND STATE OF TEXAS LAW CONCERNING EXCAVATION. CONTRACTOR SHALL PROVIDE SHEETING, SHORING AND BRACING AS NECESSARY TO PROTECT WORKMEN AND EXISTING UTILITIES DURING ALL PHASES OF CONSTRUCTION.
30. CONTRACTOR SHALL INCLUDE IN BASE PROPOSAL ALL COSTS ASSOCIATED WITH DE-WATERING WELL POINTING, STABILIZING, ETC. THAT MAY BE REQUIRED TO INSTALL ANY AND ALL UNDERGROUND UTILITIES.
31. BEDDING AND BACKFILL SHALL BE SUBSIDIARY TO THE PAY ITEMS FOR PIPE AND SHALL NOT BE PAID FOR DIRECTLY. REFER TO DETAILS. IF WET SAND CONDITIONS ARE ENCOUNTERED, THE CONTRACTOR SHALL CONTACT THE OWNER AND ENGINEER IMMEDIATELY.
32. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SHIPPING AND STORING OF ALL WATER AND SEWER MATERIALS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO EXAMINE SUCH MATERIALS AT THE POINT OF DELIVERY AND TO REJECT ALL DEFECTIVE MATERIAL. THE CONTRACTOR SHALL REPLACE THE DEFECTIVE MATERIAL WITH SOUND MATERIAL AT HIS OWN EXPENSE.
33. THE LOADING AND UNLOADING OF ALL PIPE, VALVES, HYDRANTS, MANHOLES AND OTHER ACCESSORIES SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDED PRACTICES AND SHALL AT ALL TIMES BE PERFORMED WITH CARE TO AVOID ANY DAMAGE TO THE MATERIAL. THE CONTRACTOR SHALL LOCATE AND PROVIDE THE NECESSARY STORAGE AREAS FOR MATERIALS AND EQUIPMENT.
34. ALL STORM SEWER TO BE HIGH DENSITY POLYETHYLENE CORRUGATED EXTERIOR / SMOOTH INTERIOR PIPE WITH WATER TIGHT JOINTS PER ASTM D 3212 UNLESS OTHERWISE OR SPECIFICALLY NOTED.
35. HIGH DENSITY POLYETHYLENE PIPE SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION OR THE PLANS / SPECIFICATIONS; WHICHEVER IS MORE RESTRICTIVE.
36. ALL WATER MAINS TO HAVE A MINIMUM OF 4' (FOUR FEET) OF COVER FROM PROPOSED TOP OF CURB WHEN CONSTRUCTED IN STREET RIGHT-OF-WAY AND 4' (FOUR FEET) OF COVER FROM FINISHED GRADE WHEN CONSTRUCTED WITHIN EASEMENTS. WATER LINES 4" AND LARGER SHALL CONFORM TO ALL REQUIREMENTS OF AWWA C900 - DR 18, CLASS 150. 2", 2-1/2" AND 3" WATER LINES SHALL CONFORM TO ALL REQUIREMENTS OF ASTM D2241 FOR PVC PIPE AND SHALL BE PRESSURE RATED AT 200 P.S.I. WITH A STANDARD DIMENSION RATION (SDR) OF 21 FOR CLASS 200 FOR BOTH BARREL AND BELL DIMENSIONS. WATER LINES SMALLER THAN 2" SHALL CONFORM TO ALL REQUIREMENTS OF SCHEDULE 40.
37. PIPE SLEEVES ARE TO BE 6" PVC, SCHEDULE 40 PIPE CAPPED AT EACH END. THE TOP OF THE PIPE SLEEVE SHALL BE 12" TO 18" BELOW THE BOTTOM OF CONCRETE PAVEMENT OR WALK. EACH END SHALL EXTEND A MINIMUM OF TWO (2) FEET BEYOND THE EDGE OF CONCRETE PAVEMENT OR WALK. LOCATION OF EACH END TO BE MARKED IN CURB OR PAVEMENT WITH BRASS BOLTS.
38. ROOF DRAIN AND DOWNSPOUT COLLECTOR LINES SHALL BE PVC, SDR-26 PIPE (ASTM D2241) OR SCHEDULE 40 PIPE, LAID AT A MINIMUM GRADE OF 0.50% UNLESS NOTED OTHERWISE. COLLECTOR LINES SHALL BE SIZE ON SIZE AND 6" MINIMUM FOR DOWNSPOUTS. ONCE TWO OR MORE ROOF DRAINS / DOWNSPOUTS ARE CONNECTED THE COLLECTOR LINE (RD AND/OR DS) SHALL BE 12" UNLESS NOTED OTHERWISE. NO 90° BENDS SHALL BE USED. ALL BENDS IN LINES SHALL BE MADE WITH EITHER "WYES" OR DOUBLE 45° BENDS. REFER TO THE ARCHITECTURAL SHEETS FOR EXACT LOCATIONS OF GUTTER DOWNSPOUTS AND/OR MEP SHEETS FOR EXACT LOCATION/ SIZES OF ROOF DRAINS. WHERE DOWNSPOUT COLLECTORS ARE LOCATED IN PAVED AREAS, PROVIDE A 24"X24" BLOCK OUT AROUND PIPE. REFER TO DETAILS.
39. CONTRACTOR SHALL PROVIDE A MINIMUM OF 12" (TWELVE INCHES) VERTICAL CLEARANCE AT STORM SEWER AND WATER LINE CROSSINGS AND AT STORM SEWER AND SANITARY SEWER CROSSINGS, AND A MINIMUM OF 24" (TWENTY FOUR INCHES) VERTICAL CLEARANCE AT WATER LINE AND SANITARY SEWER CROSSINGS.
40. MARK LOCATIONS OF ALL CABLE AND TELEPHONE LINES EXTENDING BENEATH PAVING BY SETTING A 60D GALVANIZED NAIL FLUSH WITH TOP OF CURB (OR TOP OF PAVEMENT WHERE THERE IS NO CURB).
41. CONNECTION TO EXISTING MANHOLES / INLETS SHALL BE MADE IN A NEAT AND WORKMANLIKE MANNER. NON-SHRINK GROUT SHALL BE USED TO SEAL THE CONNECTION ON BOTH THE INSIDE AND OUTSIDE OF EXISTING MANHOLES / INLETS. ANY DAMAGE TO EXISTING STRUCTURES SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
42. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE TO EXISTING PUBLIC OR PRIVATE UTILITY LINES, INCLUDING BUT NOT LIMITED TO WATER LINES, WASTEWATER COLLECTION SYSTEMS AND STORM SEWERS, DURING CONSTRUCTION. ALL DAMAGES SHALL BE REPAIRED AT HIS EXPENSE AND IN ACCORDANCE WITH THE AUTHORITY HAVING JURISDICTION AND/OR AS DIRECTED BY THE ENGINEER.

UTILITY NOTES

43. EXISTING UTILITIES SHALL REMAIN IN SERVICE DURING THE CONSTRUCTION PERIOD UNTIL SUCH TIME THAT NEW UTILITIES CAN BE MADE OPERATIONAL.
44. REFER TO THE M.E.P. SHEETS FOR EXACT LOCATIONS OF WATER, FIRE, GAS AND SANITARY SEWER CONNECTIONS AT THE BUILDING.
45. REFERENCE M.E.P. SHEETS FOR REMOVAL AND/OR REROUTING OF ANY ELECTRICAL SERVICES OR ANY UTILITY LINE (ROOF DRAIN, SANITARY SEWER, ETC.) THAT LIES UNDER A PROPOSED STRUCTURE.
46. UTILITY CONTRACTOR SHALL PROVIDE TEMPORARY SILT BARRIER FENCE ON ALL NON-CURB INLETS WHICH WILL REMAIN IN PLACE AFTER UNDERGROUND CONTRACT IS COMPLETE.
47. CONTRACTOR SHALL PROVIDE SILT BARRIER FENCE ON ALL STAGE 1 CURB INLETS.
48. THE CONTRACTOR SHALL INCLUDE IN THE PROPOSAL AN INCIDENTAL AMOUNT FOR THE SAW CUTTING, REMOVAL AND REPLACEMENT OF PAVEMENT AT ALL LOCATIONS WHERE PROPOSED UTILITIES CROSS EXISTING PAVEMENT, WHETHER SHOWN ON THE DRAWINGS OR NOT. THE CONTRACTOR SHALL MATCH THE EXISTING PAVEMENT TYPE, THICKNESS AND GRADES.
49. WHEN CONNECTING TO EXISTING SANITARY SEWERS OR STORM DRAINAGE SYSTEMS, THE CONTRACTOR SHALL START AT THE DOWNSTREAM END AND WORK UPSTREAM. THE CONTRACTOR SHALL ALSO VERIFY THE ELEVATIONS OF THE UPSTREAM AND DOWNSTREAM CONNECTIONS PRIOR TO STARTING WORK. IF ELEVATIONS ARE NOT AS SHOWN ON THE DRAWINGS, CONTACT THE ENGINEER. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR START UPSTREAM AND WORK DOWNSTREAM. PIPE SHALL BE INSTALLED WITH THE BELLS AT THE UPSTREAM END.
50. TELEPHONE COMPANY FACILITIES MAY EXIST ON THE PROPERTY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ALL DAMAGES WHICH MIGHT BE OCCASIONED BY A FAILURE TO EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND UTILITIES. THE CONTRACTOR SHALL CALL (800) 344-8377 A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO HAVE UNDERGROUND LINES FIELD LOCATED. WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF TELEPHONE FACILITIES, ALL EXCAVATIONS MUST BE ACCOMPLISHED USING NON-MECHANIZED EXCAVATION PROCEDURES. WHEN BORING THE CONTRACTOR SHALL EXPOSE THE TELEPHONE FACILITIES. WHEN TELEPHONE FACILITIES ARE EXPOSED, THE CONTRACTOR SHOULD PROVIDE SUPPORT TO PREVENT DAMAGE TO THE CONDUIT DUCTS OR CABLES. WHEN EXCAVATING NEAR TELEPHONE POLES THE CONTRACTOR SHALL BRACE THE POLE FOR SUPPORT
51. CAUTION: UNDERGROUND GAS FACILITIES
GAS LINES (TO INCLUDE UNIT GAS TRANSMISSION AND/OR INDUSTRIAL GAS SUPPLY CORPORATION WHERE APPLICABLE) MAY EXIST ON THE PROPERTY. SERVICE LINES ARE USUALLY NOT SHOWN. THE CONTRACTOR SHALL CONTACT THE UTILITY COORDINATING COMMITTEE AT 811 OR (800) 669-8344 A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO HAVE MAIN AND SERVICES LINES FIELD LOCATED
    * WHEN GAS LINE MARKINGS ARE NOT VISIBLE CALL (713) 967-8037 (7:00 AM-4:30 PM) FOR STATUS OF LINE LOCATION REQUEST BEFORE EXCAVATION BEGINS.
    * WHEN EXCAVATING WITHIN 18" OF THE INDICATED LOCATION OF GAS FACILITIES, ALL EXCAVATION MUST BE ACCOMPLISHED USING NON-MECHANIZED EXCAVATION PROCEDURES.
    * WHEN GAS FACILITIES ARE EXPOSED, SUFFICIENT SUPPORT MUST BE PROVIDED TO THE FACILITIES TO PREVENT EXCESSIVE STRESS ON THE PIPING
THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY DAMAGES CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND FACILITIES.
52. WARNING: OVERHEAD ELECTRICAL FACILITIES
OVERHEAD LINES MAY EXIST ON THE PROPERTY. THESE LINES ARE CLEARLY VISIBLE, AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE THEM PRIOR TO BEGINNING ANY CONSTRUCTION. TEXAS LAW, SECTION 752, HEALTH & SAFETY CODE, FORBIDS ALL ACTIVITIES IN WHICH PERSONS OR THINGS MAY COME WITHIN 6' OF LIVE OVERHEAD HIGH VOLTAGE LINES. PARTIES RESPONSIBLE FOR THE WORK, INCLUDING CONTRACTORS, ARE LEGALLY RESPONSIBLE FOR THE SAFETY OF CONSTRUCTION WORKERS UNDER THIS LAW. THIS LAW CARRIES BOTH CRIMINAL AND CIVIL LIABILITY. TO ARRANGE FOR LINES TO BE TURNED OFF OR REMOVED CALL POWER COMPANY AT (713) 207-2222 (CENTERPOINT).
WARNING: UNDERGROUND ELECTRICAL FACILITIES
UNDERGROUND ELECTRICAL FACILITIES MAY EXIST ON THE PROPERTY. AT LEAST 48 HOURS PRIOR TO CONSTRUCTION, CALL THE UCC AT 811, OR TOLL FREE AT (800) 669-8344, TO VERIFY THAT NO UNDERGROUND FACILITIES EXIST.
53. ALL UNDERGROUND PIPE SHALL HAVE A 12 GAUGE METALLIC TRACER WIRE RUNNING THE FULL LENGTH OF THE PIPE. TRACER WIRE SHALL BE TAPED TO THE PIPE AT INTERVALS NOT TO EXCEED 15 FEET USING DUCT TAPE.

PAVING AND GRADING NOTES

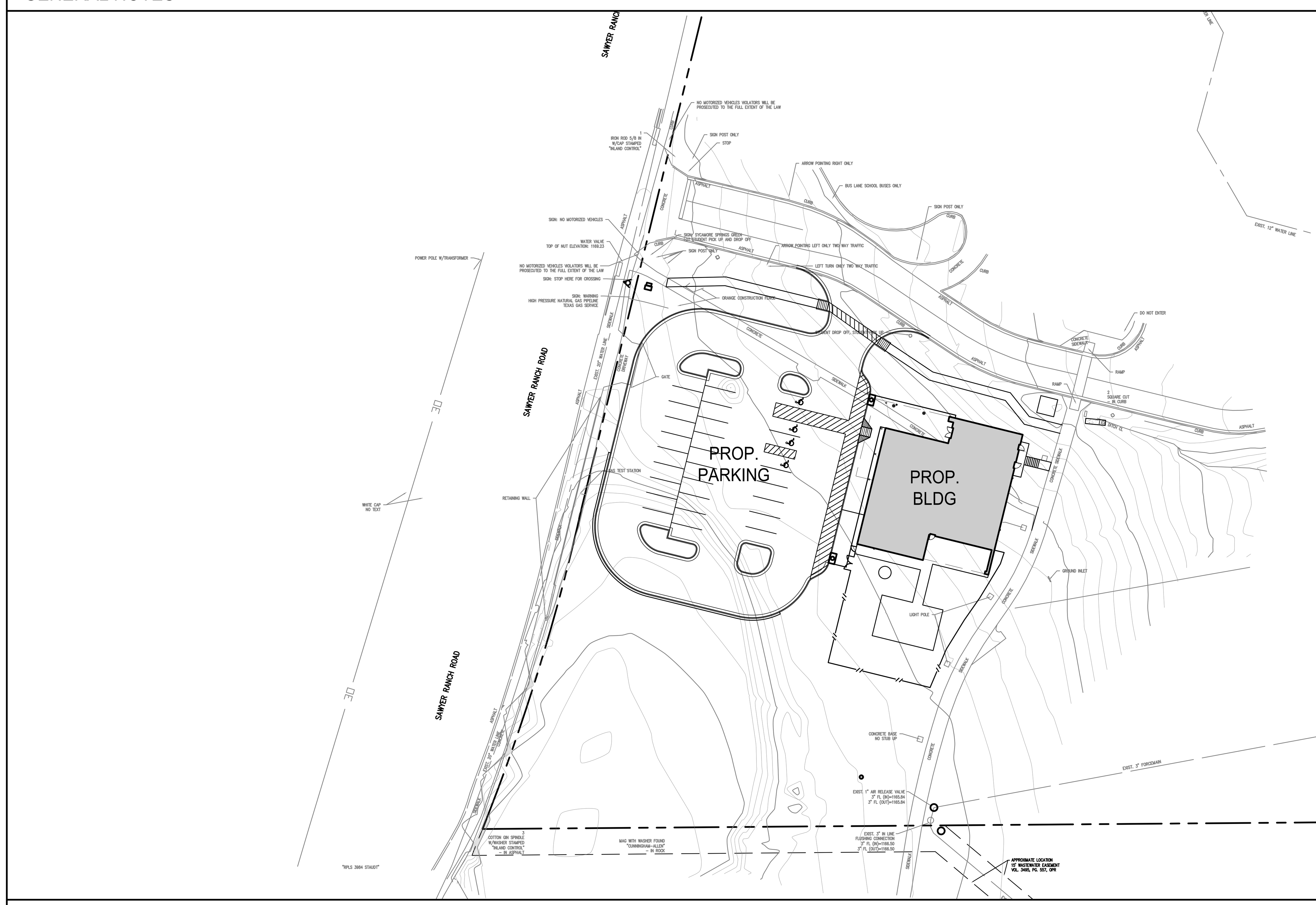
54. REFERENCE THE ARCHITECTURAL SITE PLAN FOR SIDEWALK JOINT PATTERN. SIDEWALK JOINTS SHALL ALIGN WITH PAVING JOINTS WHEN SIDEWALK IS ADJACENT TO PAVING.
55. THE INLETS/MANHOLES SHALL BE COORDINATED WITH THE LOCATION OF PAVEMENT JOINT PATTERN WITHIN PAVEMENT AREAS.
56. EXPANSION JOINT MATERIAL SHALL BE PLACED BETWEEN THE BUILDING AND PERIMETER CONCRETE PAVING. SEAL JOINT AS REQUIRED FOR PAVING JOINTS.
57. UNLESS OTHERWISE SPECIFIED, ALL PAVEMENT JOINT SEALANT SHALL BE SELF-LEVELING SILICONE JOINT SEALANT. (DOWSIL890-SL SILICONE JOINT SEALANT, DAP® SILICONE PLUS™ PREMIUM SILICONE RUBBER CONCRETE SEALANT, GE SILICONE II MASONRY & CONCRETE SEALANT - 5020, SIKASIL - 728 SL, OR PRE-APPROVED EQUIVALENT.)
58. REFER TO STRUCTURAL FOR ANY DOWELS REQUIRED TYING THE BUILDING FOUNDATION AND ADJACENT CONCRETE PAVING TOGETHER.
59. SAWED JOINTS & TRANSVERSE JOINTS ARE TO BE EQUALLY SPACED BETWEEN EXPANSION JOINTS.
60. SAWING OF JOINTS MUST BEGIN AS SOON AS THE CONCRETE HAS HARDENED SUFFICIENTLY TO AVOID EXCESSIVE RAVELING. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
61. THE CONTRACTOR SHALL REPLACE ANY DAMAGED AND/OR REMOVED CONCRETE PAVEMENT, CURB AND/OR WALK TO EQUAL OR BETTER THAN EXISTING CONDITION. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO INCLUDE ANY CONCRETE PAVEMENT, CURB OR WALK REMOVAL AND REPLACEMENT IN HIS BID AS AN INCIDENTAL TO THE COST OF CONSTRUCTION.
62. THE CONTRACTOR SHALL GRADE THE SITE AS INDICATED BY THE CONTOUR LINES, DIRECTIONAL ARROWS AND ELEVATIONS SHOWN ON DRAWINGS. ALL GRADING SHALL VARY UNIFORMLY BETWEEN ELEVATIONS SHOWN.
63. AT ALL DOORWAYS, THE LANDING SHALL SLOPE AT A MAXIMUM OF 2% AWAY FROM DOORWAY FOR A MINIMUM OF 5 FEET. MATCH FINISH FLOOR ELEVATION AT FACE OF DOORWAYS.
64. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTING SILT FENCE OR PLACING SQUARE HAY BALES AT ALL POINTS WHERE STORMWATER RUNOFF EXITS THE SCHOOL PROPERTY, AND AT ALL STORM SEWER INLETS AND MANHOLES, TO PREVENT SEDIMENT CONTAMINATION OF THE EXISTING DRAINAGE ARTERIES AND NEW STORM SEWERS DURING CONSTRUCTION OF OF THIS PROJECT. REFERENCE "STORM WATER POLLUTION PREVENTION PLAN".
65. SITE TO BE CLEARED OF VEGETATION AND DEBRIS AS NECESSARY TO COMPLETE PROJECT OR AS DIRECTED BY ENGINEER. STRIPPINGS, IF CLEAN, ARE TO BE STOCKPILED AND USED AS DRESSING FOR GRADING, OTHERWISE THE STRIPPINGS SHALL BE DISPOSED OF BY THE CONTRACTOR.
66. ALL EXCESS DEBRIS, TREES, AND/OR WASTE MATERIALS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY. ALL ASSOCIATED COST SHALL BE AT THE EXPENSE OF THE CONTRACTOR.
67. BACKFILL TO TOP OF NEW PAVEMENT OR CURBS WITH CLEAN SOIL FREE OF CLODS. ALL DISTURBED AREAS AND AREAS REQUIRING GRADING SHALL BE FINE GRADED. REMOVE ALL TRASH/DEBRIS AND PROVIDE A SMOOTH SURFACE FOR PROPER TURF MANAGEMENT. HYDROMULCH DISTURBED AREAS NOT NOTED TO BE SOLID SOD OR AS DIRECTED BY THE ENGINEER.
68. WHERE NEW CONCRETE PAVING MEETS EXISTING CONCRETE PAVING, INSTALL 3/4" SMOOTH DOWELS, (18" LONG AND 18" C-C), BY DRILLING 8" INTO THE CENTER OF THE EXISTING SLAB AND EMBEDDING WITH EPOXY. WHEN PAVING UP TO BUILDING FOUNDATIONS, ALSO INSTALL IMPREGNATED FIBER BOARD EXPANSION MATERIAL WITH TOP PULL STRIP FOR CAULKING.
69. PAVEMENT GRADES SHALL VARY UNIFORMLY BETWEEN ELEVATIONS SHOWN.
70. SECURE PRECAST CONCRETE WHEEL STOPS BY DRILLING AND SETTING #4 DOWELS INTO PAVEMENT.
71. FILL AREAS NOTED ON PLANS SHALL BE FILLED IN LAYERS NOT EXCEEDING 8" IN DEPTH AND EACH LAYER COMPACTED TO NOT LESS THAN 95% STANDARD PROCTOR DENSITY. FILL AREA SHALL BE SEEDED AND FERTILIZED WITHIN 10 WORKING DAYS.
72. CONTRACTOR SHALL INSTALL A GRASS SOLID SOD ADJACENT TO ALL PROPOSED CURBS, DRIVES AND /OR WALKS.
73. MATCH ALL ELEVATIONS WHERE PROPOSED PAVEMENT ADJOINS EXISTING PAVEMENT.
74. PRIOR TO ANY CHEMICAL STABILIZATION OF SOIL WITH LIME, FLY ASH OR ANY OTHER MATERIAL AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER, CONTRACTOR SHALL HAVE A THIRD PARTY TESTING LAB PERFORM A SOIL ANALYSIS, INCLUDING BUT NOT LIMITED TO A LIME SERIES TEST, TO CONFIRM THE REQUIRED APPLICATION RATE OF THE CHEMICAL USED FOR STABILIZATION.
75. TOPSOIL SHALL BE FERTILE, FRIABLE, NATURAL SANDY LOAM SURFACE SOIL WITH A MINIMUM OF 4 PERCENT ORGANIC MATERIAL CONTENT FREE OF STONES 1 INCH OR LARGER IN ANY DIMENSION AND OTHER EXTRANEOUS MATERIALS HARMFUL TO PLANT GROWTH. COMPLY WITH ASTM D 5268.
76. HYDROMULCH ALL DISTURBED AREAS, UNLESS OTHERWISE NOTED. HYDROMULCH TO BE INSTALLED 90 DAYS PRIOR TO SUBSTANTIAL COMPLETION OR AS SOON AS POSSIBLE IN ORDER TO ESTABLISH GROW-IN PER SPEC. ALTERNATIVELY, GENERAL CONTRACTOR TO PROVIDE SOLID SOD IN LIEU OF HYDROMULCH.

GENERAL NOTES

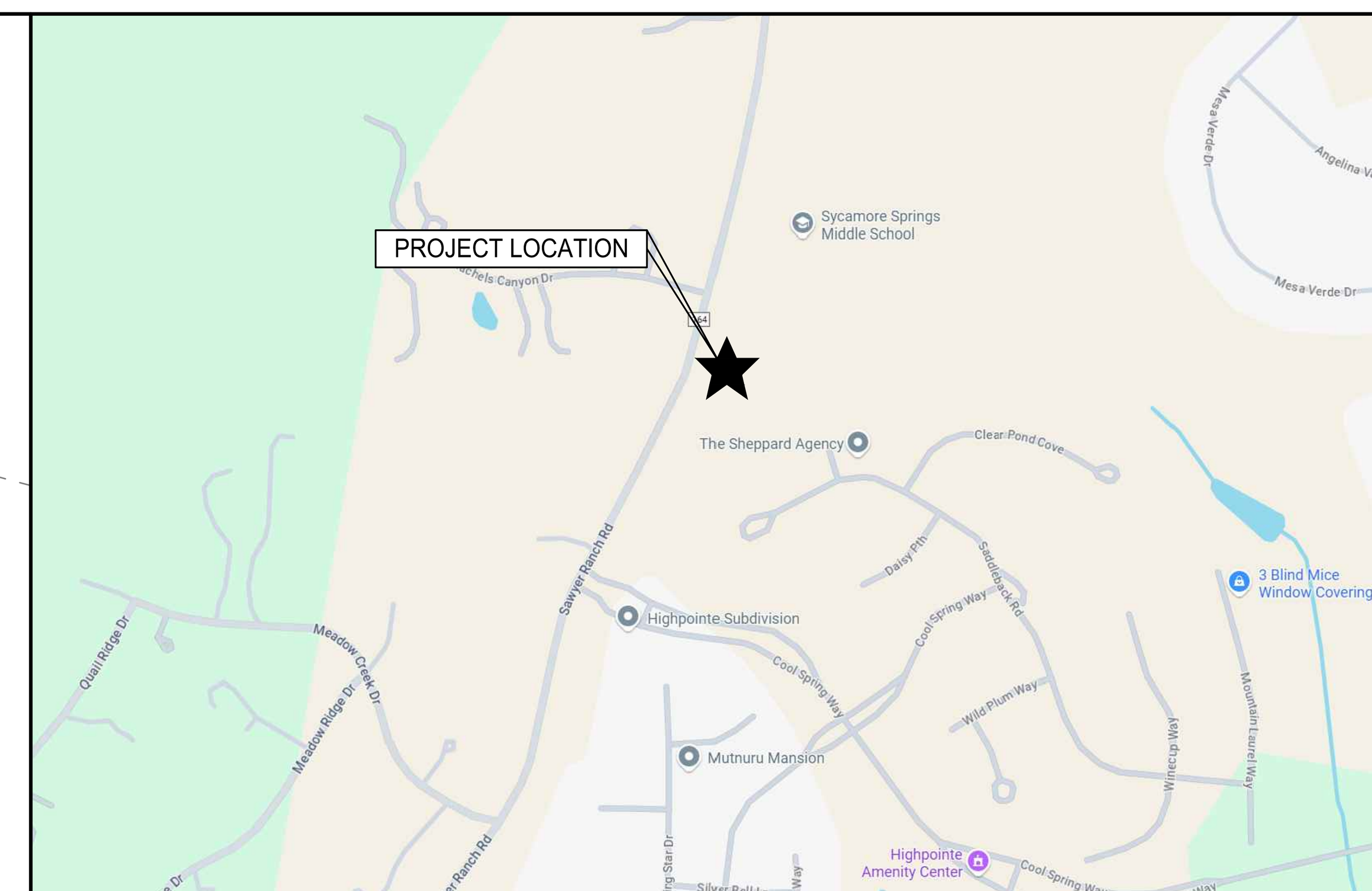
CIVIL LEGEND

Symbol	Description
201	PROPOSED CONTOUR
	PROPOSED CATCH BASIN (C-1)
	PROPOSED "A" INLET (A-1)
	PROPOSED "E" INLET (E-1)
	PROPOSED STORM MANHOLE W/ GRATE TOP
	PROPOSED MANHOLE
	PROPOSED CURB INLET OR JUNCTION BOX INLET
	GATE VALVE & BOX
	PIPE SLEEVES
	PROP. 45° EL
	TAPPING SLEEVE & VALVE
TC	TOP OF CURB ELEVATION
TP	TOP OF PAVEMENT ELEVATION
TG	TOP OF GRATE ELEVATION
TR	TOP OF RIM (MANHOLE)
FG	FINISH GRADE ELEVATION
MEG	MATCH EXISTING GRADE
FL	FLOWLINE ELEVATION
	SWALE
TFL	THROAT FLOWLINE ELEVATION ("E" INLET)
FH	FIRE HYDRANT
MH	MANHOLE
CO	CLEAN OUT
DCO	DOUBLE CLEAN OUT
DS	DOWNSPOUT COLLECTOR
NIC	NOT IN CONTRACT
RD	ROOF DRAIN COLLECTOR
GV	GATE VALVE
STM	STORM SEWER
SAN	SANITARY SEWER
RCP	REINFORCED CONCRETE PIPE
HDPE	HIGH DENSITY POLYETHYLENE
FFF	FILTER FABRIC FENCE
RFB	REINFORCED FABRIC BARRIER
IPB	INLET PROTECTION BARRIER
X	EXPANSION JOINT
L	LONGITUDINAL CONSTRUCTION JOINT
LT	LONGITUDINAL-TIED CONSTRUCTION JOINT
T	TRANSVERSE CONTRACTION JOINT
S	SAWED PAVEMENT JOINT
UE	UTILITY EASEMENT
SSE	SANITARY SEWER EASEMENT
EP	EDGE OF PAVEMENT
HB	HIGH BANK OF DITCH
CL	CENTERLINE OF DITCH
PP	POWER POLE
GW	GUY WIRE
GM	GAS METER
PB	PHONE BOX
FC	FENCE CORNER
CB	CABLE BOX
NG	NATURAL GROUND
× XX.XX	EXISTING ELEVATION
+ TP XX.XX	PROPOSED ELEVATION
	ATHLETIC LIGHTPOLE
	ELECTRICAL PEDISTAL
	HOSE BIB

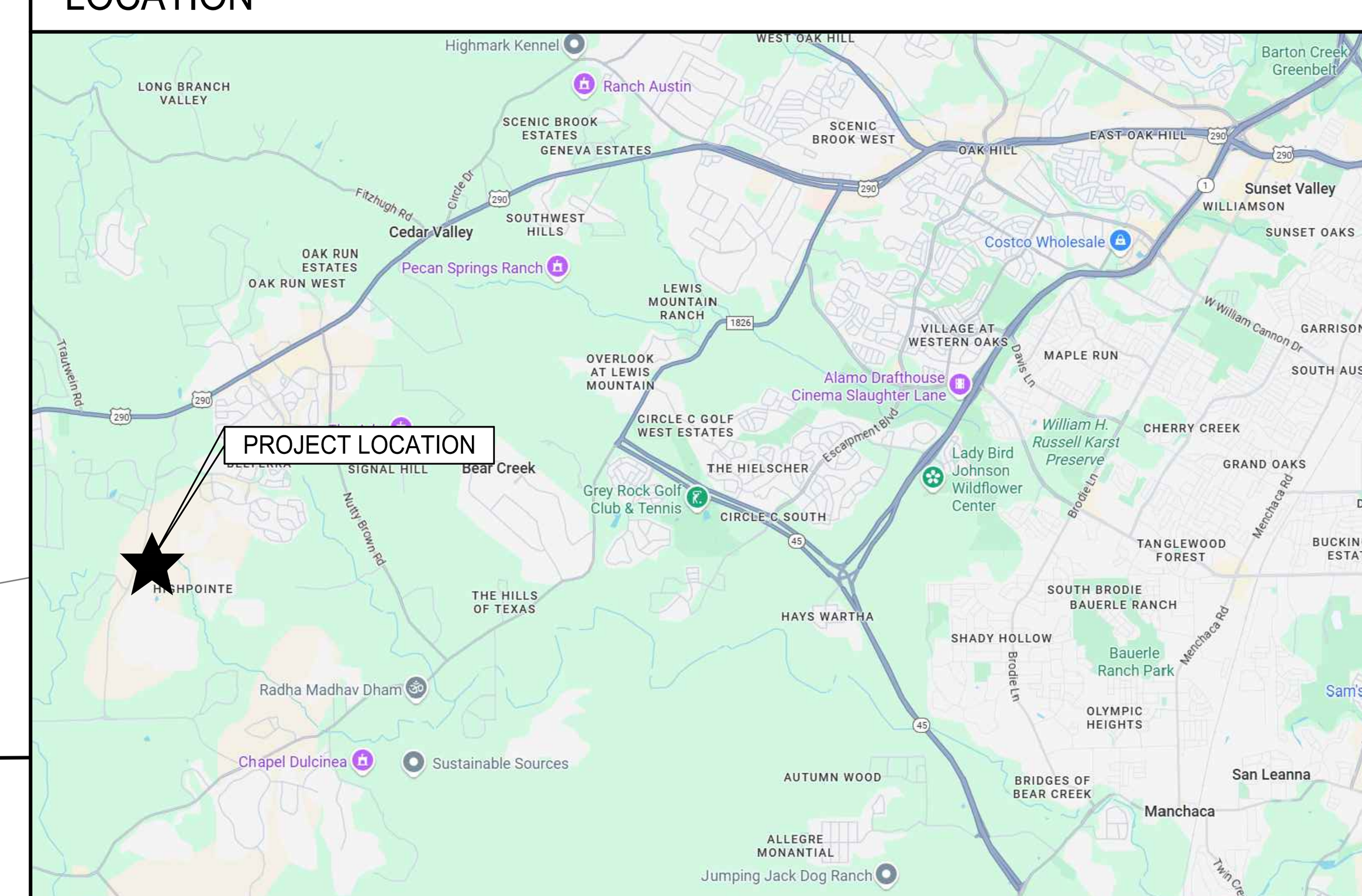
CIVIL LEGEND



SITE PLAN



LOCATION



VICINITY

14451 SAWYER RANCH RD.
AUSTIN, TX 78737

PROJECT NAME:
DRIPPING SPRINGS ISD 18+ BUILDING

LEGAL DESCRIPTION:
CALLED 49.10 ACRES
DRIPPING SPRINGS INDEPENDENT SCHOOL DISTRICT
VOL. 3150 PG. 749, OPR

PHYSICAL ADDRESS:
14451 SAWYER RANCH RD.
AUSTIN, TX 78737

ACREAGE OF PROPOSED SITE:
49.10 ACRES

TOTAL ACREAGE OF EXISTING LOT:
49.10 ACRES

PERMITTING INFORMATION

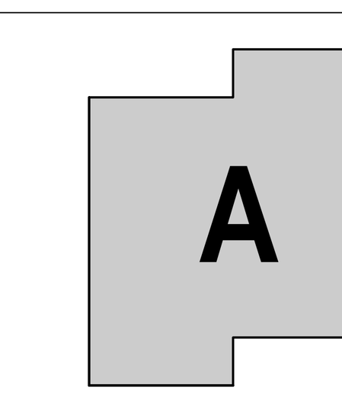
INDEX OF DRAWINGS

PBK

www.pbk.com
TX FIRM: BR 1608
AUSTIN, TX
512-340-0676

DSISD 18+ BUILDING

14451 SAWYER RANCH RD.
AUSTIN, TX 78737
75% CD REVIEW SET



KEY PLAN
NORTH: PLAN TRUE

STATE OF TEXAS
DAVID J. HILDEBRANDT
106713
LICENSED
PROFESSIONAL ENGINEER
10/24/25

CLIENT	
DRIPPING SPRINGS ISD	
DATE 10/17/2025	PROJECT NUMBER 250027

DRAWING HISTORY

No.	Description	Date

CHECKED BY: DH
DRAWN BY: KT

NOTES, INDEX, AND LEGEND

C 001

Z:\Projects\AUS\25\250027\FOC\DIG\Dwgs\C 001 NOTES, INDEX, AND LEGEND.dwg Last Saved: KTRAN
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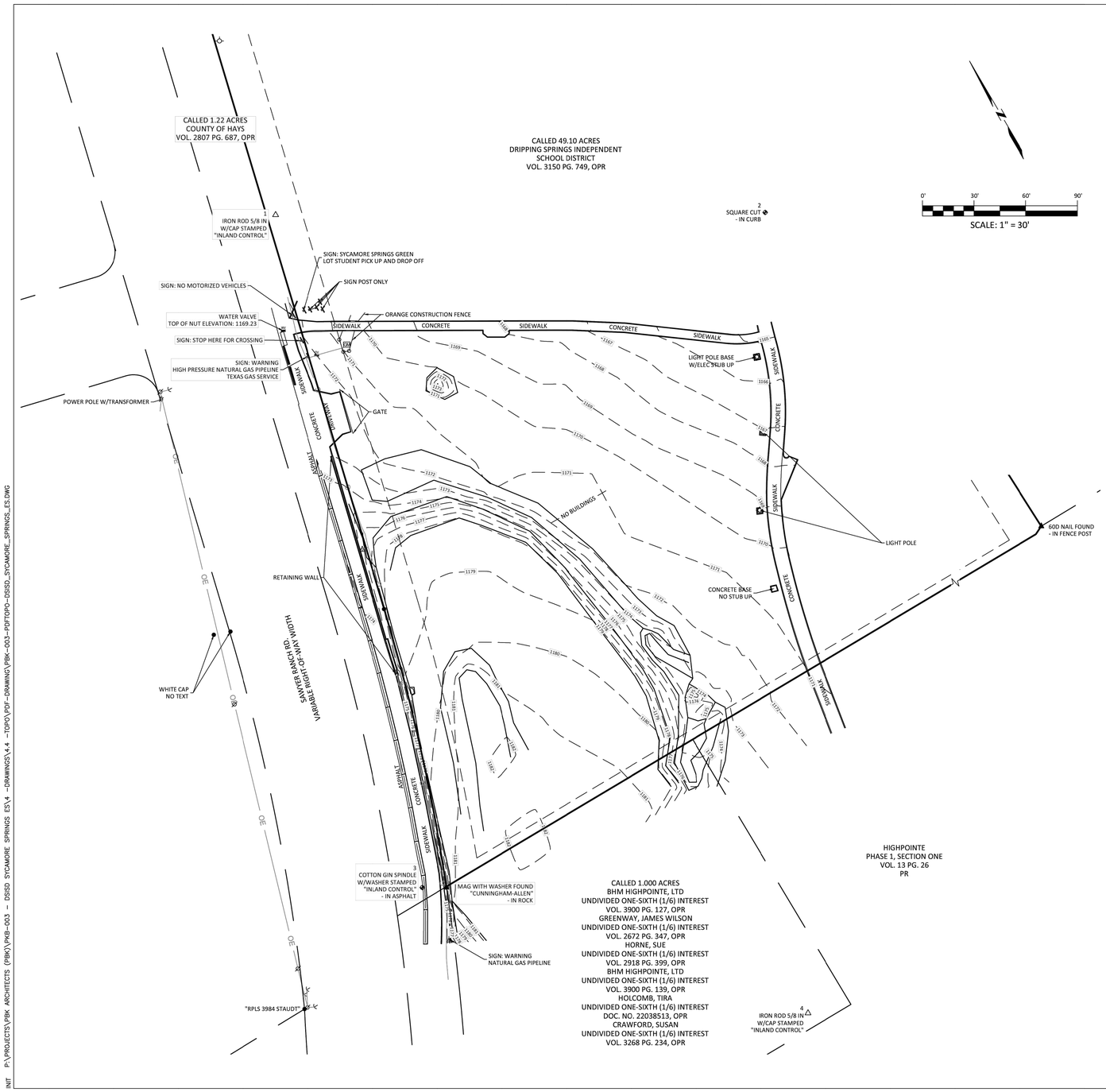
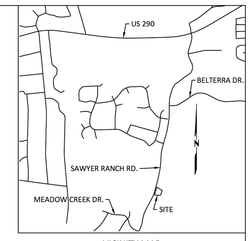


LEGEND

- BENCHMARK
- IRON ROD FOUND (1/2" OR AS NOTED)
- COTTON SPINDLE WITH WASHER STAMPED "INLAND GEODETICS" SET
- CONTROL POINT (TYPE AS NOTED)
- NAIL FOUND (TYPE AS NOTED)
- FENCE CORNER POST
- FIRE HYDRANT
- WATER VALVE
- GAS METER
- GAS VALVE
- GAS TEST LEAD
- LIGHT POLE
- UTILITY POLE WITH TRANSFORMER
- UTILITY POLE
- GUY ANCHOR
- SIGN POST
- WIRE FENCE "TYPE NOTED"-IF APPLICABLE
- OVERHEAD WIRES
- UNDERGROUND GAS
- OPR — OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS



VICINITY MAP
NOT TO SCALE

NOTES:

1. BEARINGS ARE BASED ON THE TEXAS COORDINATE SYSTEM OF 1983, SOUTH CENTRAL ZONE, NAD83 (2011). ALL DISTANCES SHOWN HEREON ARE SURFACE VALUES REPRESENTED IN U.S. SURVEY FEET BASED ON A GRID-TO-SURFACE COMBINED ADJUSTMENT FACTOR OF 1.00013.
2. VERTICAL POSITIONS WERE DETERMINED USING THE "LEICA SMARTNET" AND GPS REAL TIME SURVEY METHODS AND ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM (NAVD) 88, USING GEOID 18.
3. THE SYMBOLS REFLECTED IN THE LEGEND AND ON THIS SURVEY MAY HAVE BEEN ENLARGED FOR CLARITY. THE SYMBOLS HAVE BEEN PLOTTED AT THE CENTER OF THE FIELD LOCATION AND MAY NOT REPRESENT THE ACTUAL SIZE OR SHAPE OF THE FEATURE.
4. UTILITY INFORMATION SHOWN HEREON CONSTITUTES FIELD RECOVERY OF OBSERVED EVIDENCE OF UTILITIES TOGETHER WITH EVIDENCE FROM MARKINGS BY UTILITY COMPANIES CONTACTED THROUGH THE DIG TESS UTILITY LOCATING SERVICE. LOCATIONS OF UNDERGROUND UTILITIES/STRUCTURES MAY VARY FROM LOCATIONS SHOWN HEREON. ADDITIONAL BURIED UTILITIES/STRUCTURES, SUCH AS ELECTRICAL, TELEPHONE, CABLE TV AND PIPELINES, MAY BE ENCOUNTERED. NO EXCAVATIONS WERE MADE DURING THE PROGRESS OF THIS SURVEY TO LOCATE BURIED UTILITIES/STRUCTURES. FOR INFORMATION REGARDING BURIED UTILITIES/STRUCTURES OR BEFORE ANY EXCAVATION IS BEGUN, CONTACT THE APPROPRIATE AGENCIES FOR VERIFICATION OF UTILITY TYPE AND FOR FIELD LOCATION.
5. FLOOD NOTE:
BY GRAPHIC PLOTTING ONLY, THIS PROPERTY IS IN ZONE X (NOT SHADED) - AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN AS DEFINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 48209C0115G, THAT BEARS AN EFFECTIVE/REVISED DATE OF 01/17/2025. THE SURVEYOR MAKES NO ASSURANCE AS TO THE ACCURACY OF THE DELINEATIONS SHOWN ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP. THIS STATEMENT IS FOR INSURANCE PURPOSES ONLY AND IS NOT AN OPINION THAT THE PROPERTY WILL OR WILL NOT FLOOD. A FLOOD STUDY WAS NOT CONDUCTED ON THE PROPERTY.
6. NO ABOVEGROUND VISIBLE EVIDENCE OF THE FOLLOWING UTILITIES WERE OBSERVED ON THE SUBJECT SITE AS OF THE DATE OF SURVEY: SEWER.
7. THIS TOPOGRAPHIC MAP DOES NOT REPRESENT A BOUNDARY SURVEY, AND SHALL NOT BE USED FOR CONVEYANCE. THE LINES AND OTHER INFORMATION REPRESENTING THE PERIMETER OF THE PROPERTY ARE FOR GENERAL DESCRIPTIVE PURPOSES ONLY.
8. RESTRICTIVE COVENANTS OF RECORD RECORDED IN VOLUME 2904, PAGE 482, OFFICIAL PUBLIC RECORDS, HAYS COUNTY, TEXAS.
9. RIGHT OF WAY EASEMENT OF RECORD IN VOLUME 946, PAGE 393, OFFICIAL PUBLIC RECORDS, HAYS COUNTY, TEXAS.
10. BUILDING SETBACK LINES AS SET FORTH IN INSTRUMENT RECORDED IN VOLUME 2904, PAGE 482, OFFICIAL PUBLIC RECORDS, HAYS COUNTY, TEXAS.
11. THIS SURVEY WAS MADE WITHOUT THE BENEFIT OF AN ABSTRACT OF TITLE NOR A TITLE COMMITMENT OR TITLE POLICY. THERE MAY BE ADDITIONAL EASEMENTS OR RESTRICTIONS, NOT SHOWN HEREON, WHICH MAY AFFECT THE PROPERTY.

PREPARED BY: JA
INLAND GEODETICS

DATE OF LAST FIELD WORK: 07/01/2025
ISSUE DATE:

CONTROL				
Point #	Northing	Easting	Elevation	Raw Description
1	13978859.70	2283992.19	1170.99	CP IRSC 5/8 IC
2	13978717.02	2284238.63	1158.74	BM SQCUT IN CURB
3	13978479.32	2283868.20	1174.52	BM CGS/W IN ASPH
4	13978303.01	2284024.88	1173.60	CP IRSC 5/8 IC

LIMITED
TOPOGRAPHIC SURVEY
SHOWING PROPERTY OF
DRIPPING SPRINGS
INDEPENDENT SCHOOL DISTRICT
PROJECT: DSISD SYCAMORE SPRINGS ES
HAYS COUNTY

INLAND GEODETICS
Land Surveyors
1504 CHISHOLM TRAIL RD., #103
ROUND ROCK, TX 78681
512-238-1200
FIRM REG. NO. 100591-00

SHEET 1 OF 1
PBK-003 08/12/2025

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A

KEY PLAN
NORTH: PLAN TRUE

STATE OF TEXAS
DAVID J. HILDEBRAND
106778
LICENSED
PROFESSIONAL SURVEYOR
10/24/25

CLIENT	
DRIPPING SPRINGS ISD	
DATE	PROJECT NUMBER
10/17/2025	250027

DRAWING HISTORY

No.	Description	Date

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DRAWN BY: KT

SURVEY (FOR INFORMATION ONLY)

C 002

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NORTH

10 20
20 0 40

LEGEND

STRIP EXISTING GROUND COVER TO 6" MIN. DEPTH AND REMOVE DEBRIS, BOULDERS, SMALL TREES AND SHRUBS INCLUDING ROOT BALLS. REFER TO LANDSCAPE FOR PREPARATION OF FINISHED GRASS AREAS AND GEOTECH REPORT FOR BUILDING AND PAVEMENT SOIL PREPARATION.

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NORTH: PLAN TRUE

STATE OF TEXAS
TRACE C. CRYER
143668
LICENSED
PROFESSIONAL ENGINEER

DNG ENGINEERS F-18326

12/12/2025

CLIENT	
DRIPPING SPRINGS ISD	
DATE	PROJECT NUMBER
11/07/2025	250027

DRAWING HISTORY

No.	Description	Date
1	Addendum 1	12.12.2025

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1

DEMOLITION PLAN

C 003

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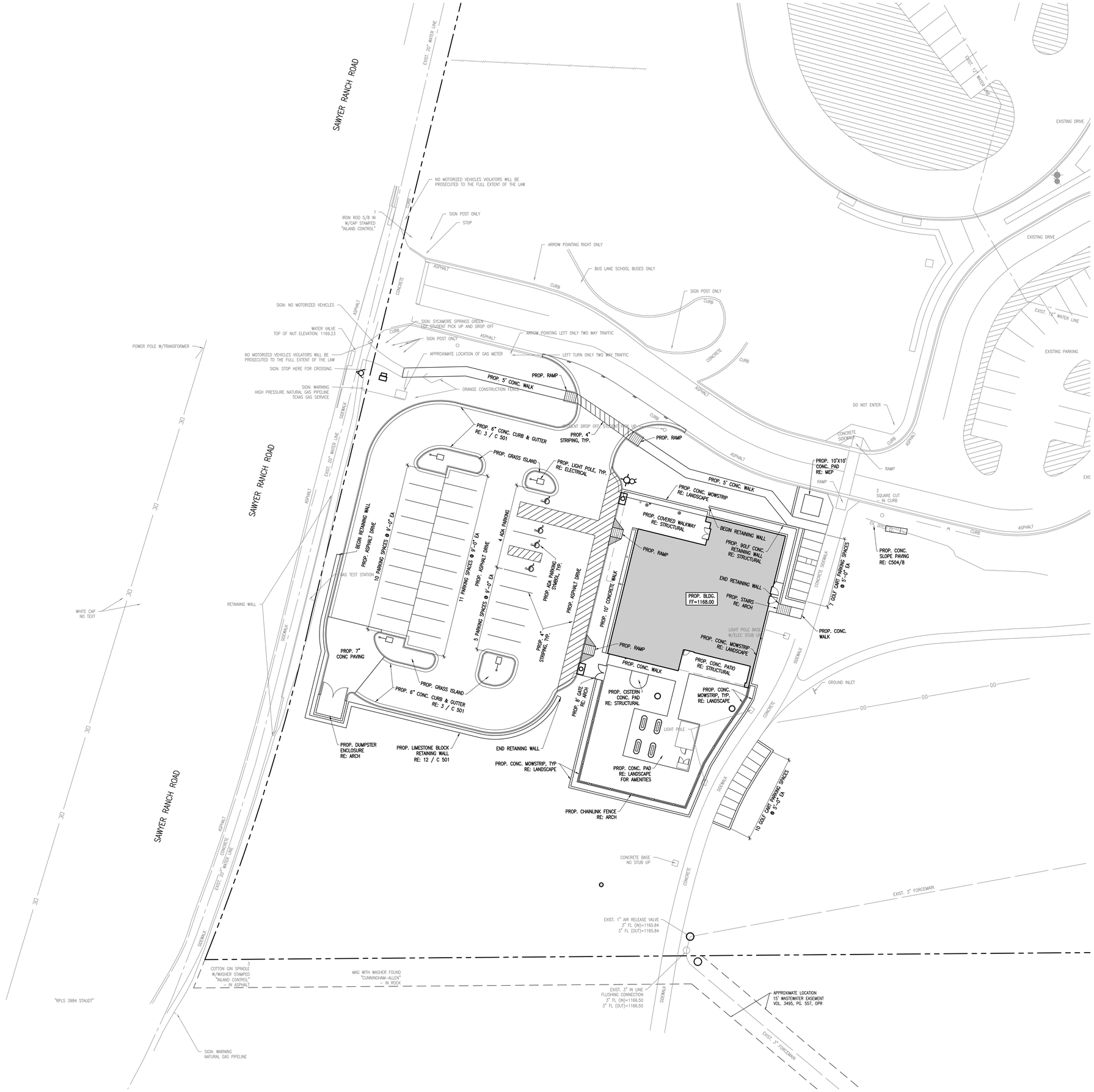

NOTES TO SHEET

SITE PLAN NOTES:

1. ALL CURB RADII ARE 3.00' UNLESS OTHERWISE NOTED ON PLANS.
2. ALL DIMENSIONS ARE TO FACE OF CURB/FACE OF BUILDING UNLESS NOTED ON PLANS.
3. BUILDING DIMENSIONS SHALL BE VERIFIED WITH ARCHITECTURAL PLANS, PRIOR TO LAYOUT OF SITE.
4. FOR DRIVEWAY CONSTRUCTION: THE OWNER IS RESPONSIBLE FOR ALL COSTS FOR RELOCATION OF OR DAMAGE TO UTILITIES.
5. ALL ADA ACCESSIBLE SIDEWALKS SHALL BE CONCRETE, WITH A COURSE BROOM FINISH WITH A MINIMUM WIDTH OF 4' UNLESS OTHERWISE NOTED.
6. ALL PARKING SPACES ARE 90 DEGREES AND 9.00' WIDE X 18.50' DEEP, UNLESS OTHERWISE INDICATED.
7. THIS SITE MEETS TEXAS ACCESSIBILITY STANDARDS AND AN ACCESSIBLE ROUTE WILL BE PROVIDED TO THE OTHER BUILDINGS AS NECESSARY.
8. SEE ARCHITECTURAL DETAIL SHEETS FOR PARKING DETAILS.
9. ALL ON-SITE UTILITIES SHALL BE LOCATED UNDERGROUND UNLESS REQUIRED.
10. ANY PROPOSED MODIFICATIONS, WHICH INCLUDE MOVING A STRUCTURE MORE THAN TWENTY-FIVE (25) FEET OR INCREASING THE HEIGHT OF SQUARE FOOTAGE OF A BUILDING, WILL REQUIRE REVIEW BY THE PLANNING COMMISSION AND OR CITY COUNCIL.
11. SCREENING FOR SOLID WASTE COLLECTION AND LOADING AREAS SHALL BE THE SAME AS, OR OF EQUAL QUALITY TO, PRINCIPAL BUILDING MATERIALS.

ACCESSIBLE ROUTE NOTES:

1. SLOPES ON ACCESSIBLE ROUTES MAY NOT EXCEED 1:20 UNLESS DESIGNED AS A RAMP (TAS 403.3)
2. THE MAXIMUM SLOPE OF A RAMP IN NEW CONSTRUCTION IS 1:12. THE MAXIMUM RISE FOR ANY RAMP RUN IS 30 INCHES. (TAS 405.2, 405.6)
3. ACCESSIBLE ROUTES MUST HAVE A CROSS-SLOPE NO GREATER THAN 1:48. (TAS 403.3)
4. GROUND SURFACES ALONG ACCESSIBLE ROUTES MUST BE STABLE, FIRM, AND SLIP RESISTANT. (TAS 302)

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KEY PLAN
NORTH: PLAN TRUE

STATE OF TEXAS
TRACE C. CRYER
143668
LICENSED
PROFESSIONAL ENGINEER
DIG ENGINEERS
F-18326
12/12/2025

CLIENT	
DRIPPING SPRINGS ISD	
DATE: 11/07/2025	PROJECT NUMBER: 250027

DRAWING HISTORY

No.	Description	Date
1	Addendum 1	12.12.2025

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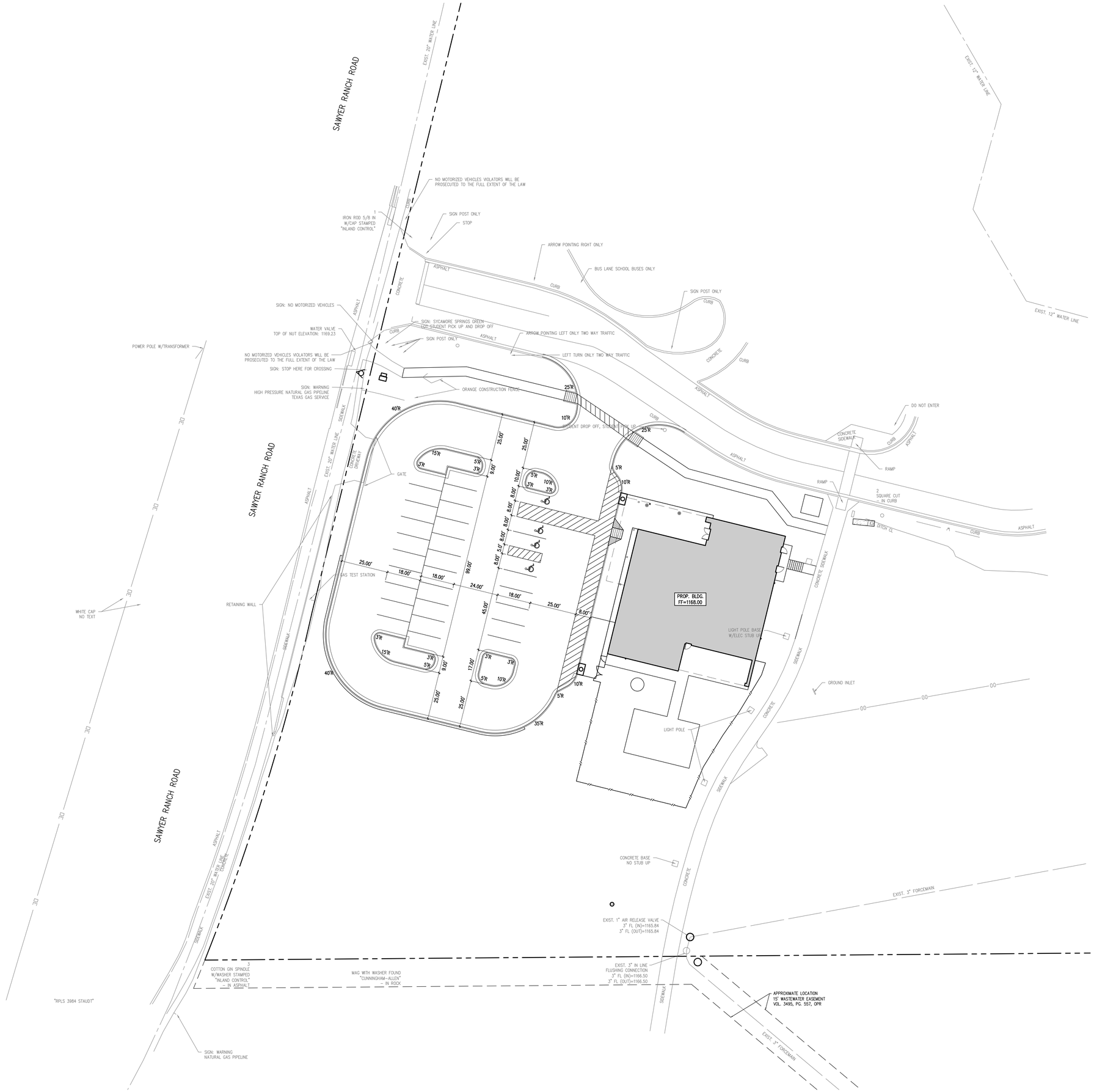
SITE PLAN 1

C 101



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10/24/25

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DATE	PROJECT NUMBER
10/17/2025	250027

DRAWING HISTORY

No.	Description	Date

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DIMENSIONAL CONTROL PLAN

C 102

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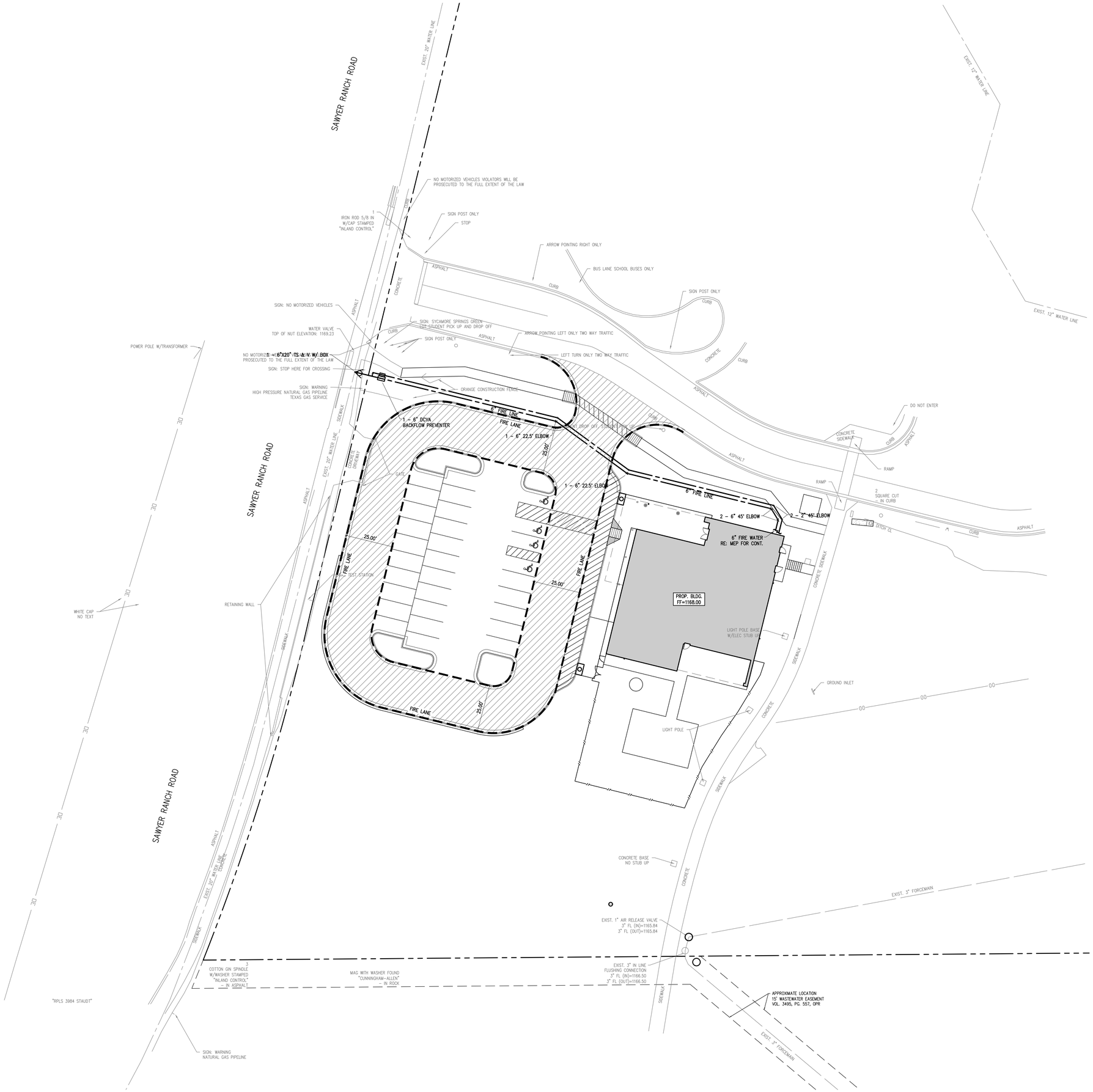

NORTH

10 0 20 40

LEGEND

PROPOSED FIRELANE

FIRE LANE STRIPING

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DATE	PROJECT NUMBER
10/17/2025	250027

DRAWING HISTORY

No.	Description	Date

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DRAWN BY: KT

FIRE APPARATUS ACCESS PLAN

C 103

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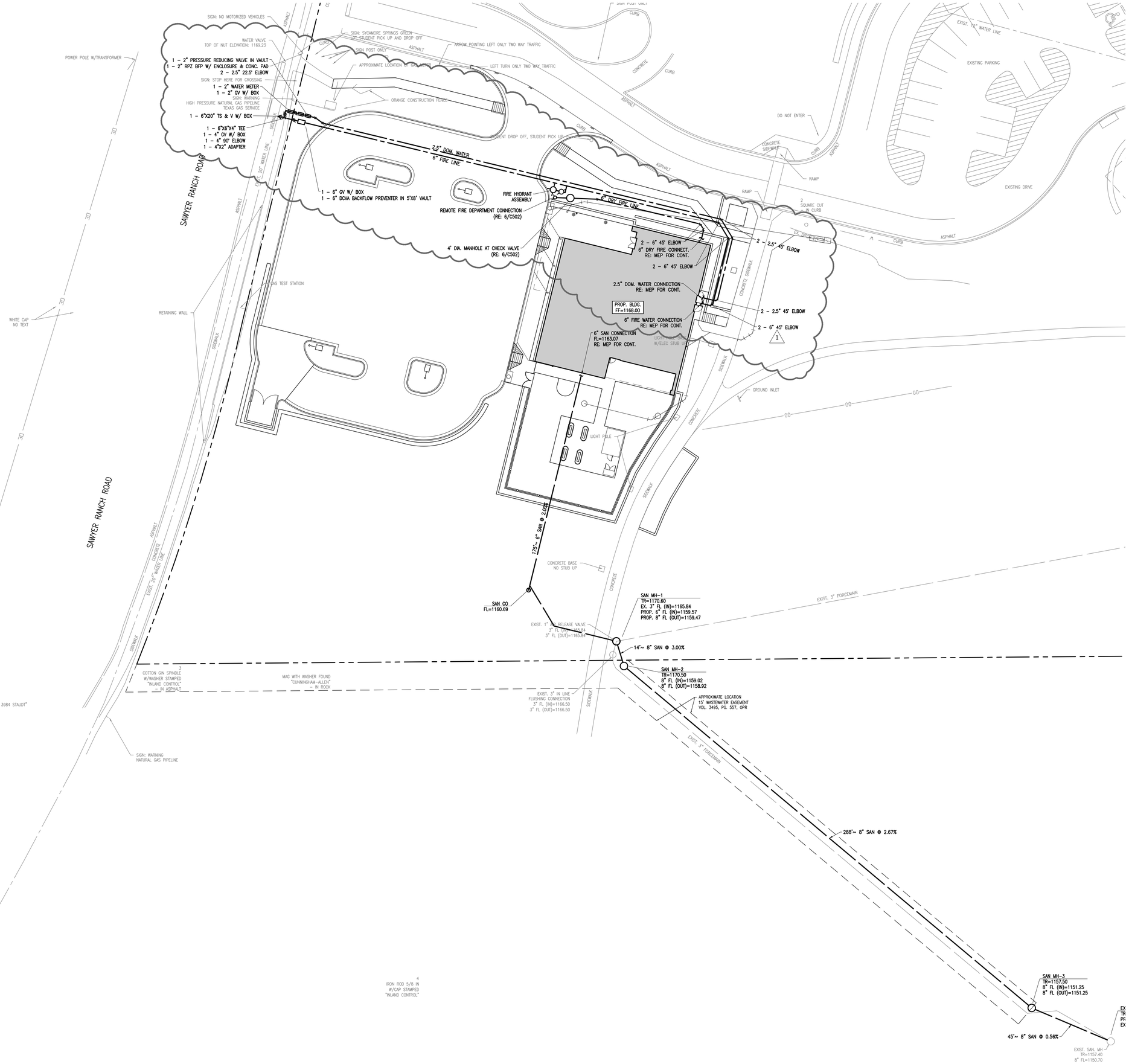

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TRACE C. CRYER
143668
LICENSED
PROFESSIONAL ENGINEER
STATE OF TEXAS

DIG ENGINEERS
F-18326

12/12/2025

CLIENT	
DRIPPING SPRINGS ISD	
DATE	PROJECT NUMBER
11/07/2025	250027

DRAWING HISTORY

No.	Description	Date
1	Addendum 1	12.12.2025

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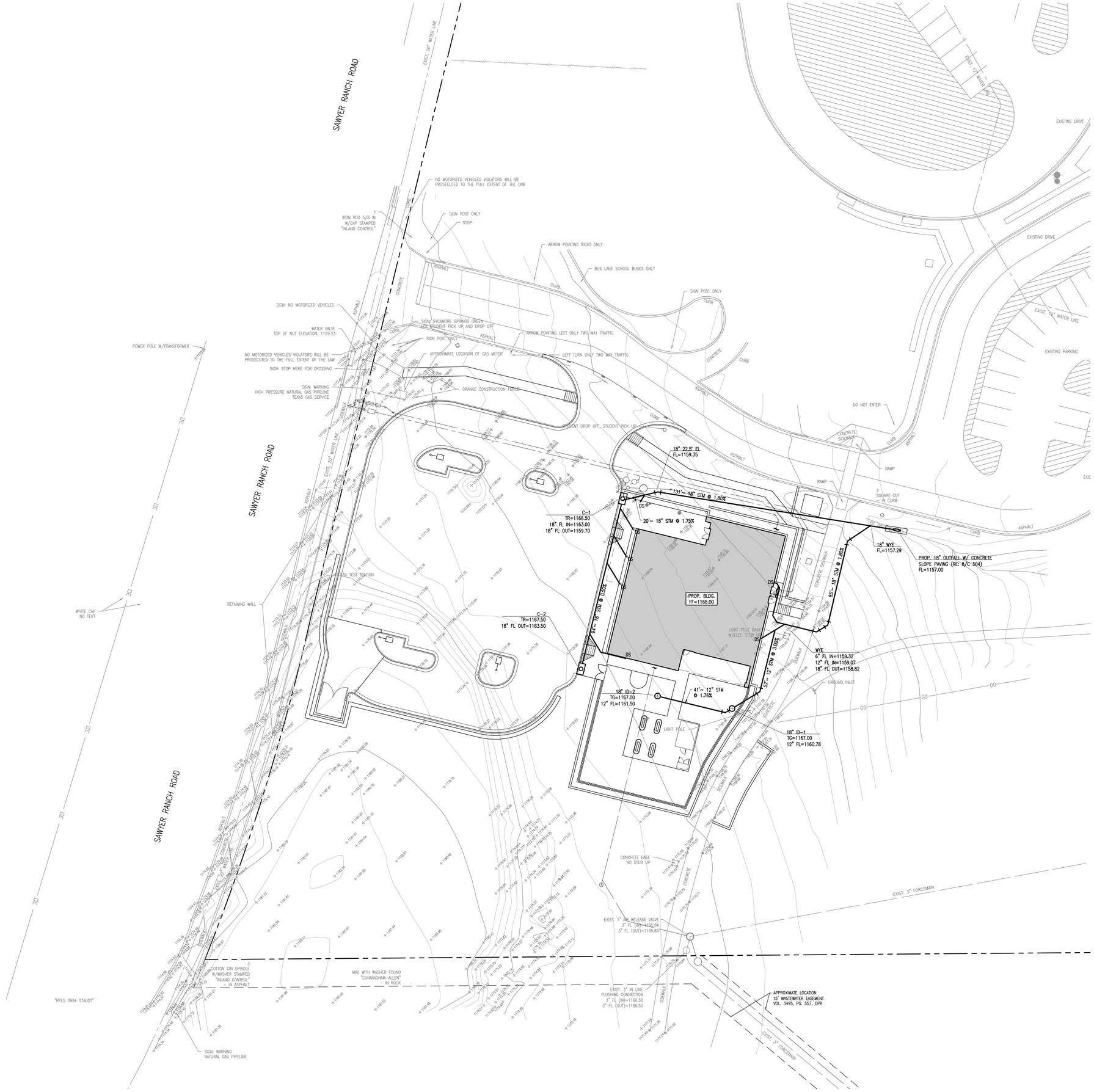
UTILITY PLAN

C 201



NORTH

10 20
20 0 40

NOTES TO SHEET

1. ROOF DRAIN AND DOWNSPOUT COLLECTOR LINES SHALL BE PVC, SDR-26 PIPE (ASTM D2241) OR SCHEDULE 40 PIPE, LAID AT A MINIMUM GRADE OF 0.50% UNLESS NOTED OTHERWISE. COLLECTOR LINES SHALL BE SIZE ON SIZE AND 6" MINIMUM FOR DOWNSPOUTS, ONCE TWO OR MORE ROOF DRAINS / DOWNSPOUTS ARE CONNECTED THE COLLECTOR LINE (RD AND/OR DS) SHALL BE 12" UNLESS NOTED OTHERWISE, NO 90° BENDS SHALL BE USED. ALL BENDS IN LINES SHALL BE MADE WITH EITHER "WYES" OR DOUBLE 45° BENDS. REFER TO THE ARCHITECTURAL SHEETS FOR EXACT LOCATIONS OF GUTTER DOWNSPOUTS AND/OR MEP SHEETS FOR EXACT LOCATION/ SIZES OF ROOF DRAINS. WHERE DOWNSPOUT COLLECTORS ARE LOCATED IN PAVED AREAS, PROVIDE A 24"X24" BLOCK OUT AROUND PIPE. REFER TO DETAILS.

LEGEND

ID - X	18" INLINE DRAIN (RE: 7/C 504)
C - X	CURB INLET (RE: 6/C 504)
CB - X	CATCH BASIN
A - X	AREA INLET
DS	DOWNSPOUT (RE: ARCH)
RD	ROOF DRAIN (RE: MEP)
TR	TOP OF RIM
TG	TOP OF GRATE
FL	FLOW LINE

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143668
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DFG ENGINEERS
F-18326

12/12/2025

CLIENT	
DRIPPING SPRINGS ISD	
DATE	PROJECT NUMBER
11/07/2025	250027

DRAWING HISTORY

No.	Description	Date
1	Addendum 1	12.12.2025

CHECKED BY: DH

DRAWN BY: KT

DRAINAGE PLAN

1

C 202

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GRAPHIC SCALE

(IN FEET)

1 inch = 20 ft.

LEGEND

	PROPERTY LINE
	PROPERTY LINE (ADJACENT)
	EXISTING EASEMENT
ELEC	EXISTING ELECTRICAL
UE	EXISTING UNDERGROUND ELEC.
OH	EXISTING OVERHEAD ELEC.
GAS	EXISTING GAS
100'	EXISTING CONTOURS
100	EXISTING TREE (TO REMAIN)
100	EXISTING TREE (REMOVAL)
	PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
	PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
FIRE LANE	PROPOSED FIRE LANE
	L.O.C. (LIMITS OF CONSTRUCTION)
	PROPOSED ACCESSIBLE ROUTE
100	PROPOSED CONTOURS
100	PROPOSED SPOT GRADES
100	EXISTING SPOT GRADES

ABBREVIATIONS

TC	=	TOP OF CURB	T/W	=	TOP OF WALL
EOP	=	EDGE OF PAVEMENT	ME	=	MATCH EXISTING
FL	=	FLOW LINE	HP	=	HIGH POINT
LP	=	LOW POINT	EG	=	EXISTING GRADE

PROPOSED UTILITIES:	EXISTING UTILITIES:
FIRE HYDRANTS	FIRE HYDRANTS
WV WATER VALVE	WV WATER VALVE
MANHOLE (STORM)	MANHOLE (STORM)
MANHOLE (WW)	MANHOLE (WW)
INLET	INLET
WATER (W)	WATER (W)
WASTEWATER (WW)	WASTEWATER (WW)
STORM SEWER (SD)	STORM SEWER (SD)

NOTES:

1. UPON COMPLETION OF THE PROPOSED SITE IMPROVEMENTS, AND PRIOR TO THE RELEASE OF THE CERTIFICATE OF OCCUPANCY BY THE PERMIT CENTER, THE DESIGN ENGINEER SHALL CERTIFY IN WRITING THAT THE PROPOSED DETENTION AND FILTRATION FACILITIES WERE CONSTRUCTED IN CONFORMANCE WITH THE APPROVED PLANS.

NOTE:
THE RECOMMENDATIONS MADE IN THE GEOTECHNICAL REPORT BY ALPHA TESTING, INC.(DATED NOVEMBER 3, 2014) SHALL GOVERN THE PROPOSED SITE WORK AS DEPICTED IN THESE PLANS.

!!! CAUTION !!!

EXISTING OVERHEAD UTILITIES IN VICINITY CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN WORKING NEAR ELECTRIC FACILITIES

!!! WARNING !!!

THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE LOCATION OF UNDERGROUND UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATION AND AVOIDING ALL EXISTING UTILITIES BY CALLING THE 'ONE CALL" LOCATOR SERVICE AT (800) 344-8377 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.

Revision /	Date	
ADD#5	6-29-2015	REPLACE CONCRETE RETAINING WALL WITH EARTHEN BERM WITH 4:1 SIDE SLOPES. RAISE AND FILTRATION BED, UNDER DRAIN PIPING, AND SPLITTER BOX WEIR ELEVATION BY APPROXIMATELY 6".

Project:
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AND NEW MIDDLE SCHOOL
FOR
DRIPPING SPRINGS I.S.D.
DRIPPING SPRINGS, TEXAS

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POND 'B' PLAN

Job. No.	Sheet No.
3169101	C7.4
Drawn By: B.G., R.B.	
Date: 6/29/15	

Sheet of

3169101 PLANS FOR REFERENCE ONLY

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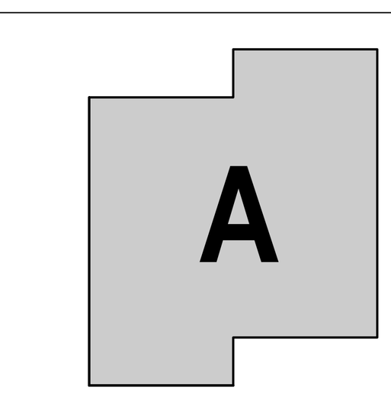

KEY PLAN
NORTH: PLAN TRUE

STATE OF TEXAS
DAVID J. HILDEBRANDT
106713
LICENSED PROFESSIONAL ENGINEER
10/24/25

CLIENT	
DRIPPING SPRINGS ISD	
DATE 10/17/2025	PROJECT NUMBER 250027

DRAWING HISTORY

No.	Description	Date

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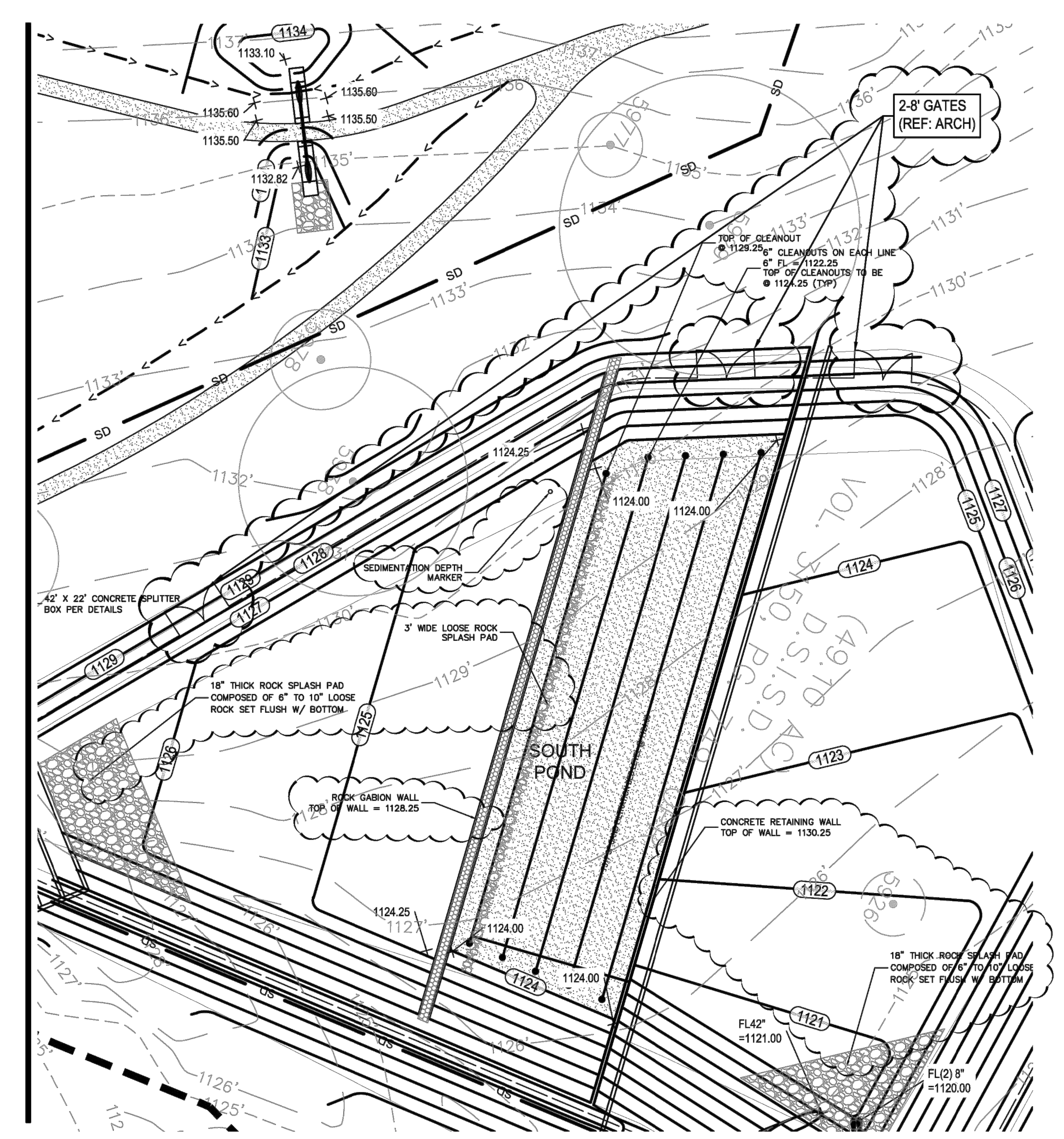
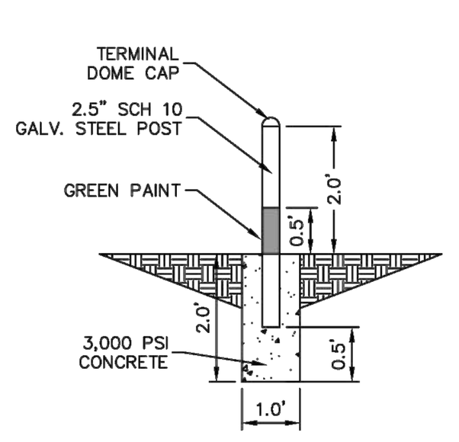
DRAWN BY: KT

EXISTING
DETENTION
POND B

C 203A





SEDIMENTATION DEPTH MARKER
N.T.S.

SEAN FRIEND 99671 LICENSED PROFESSIONAL ENGINEER

GRAPHIC SCALE
(IN FEET)
1 inch = 30 ft.
(11"x17" SHEET)

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ADD #1
-ADDED GATES & CALLOUTS, DETAILS.

Job. No. 1686-01-01 | Date: 04/17/15
Sheet No. C7.4-1

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10/24/25

CLIENT
DRIPPING SPRINGS ISD

DATE	PROJECT NUMBER
10/17/2025	250027

DRAWING HISTORY

No.	Description	Date

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EXISTING DETENTION POND B

C 203B

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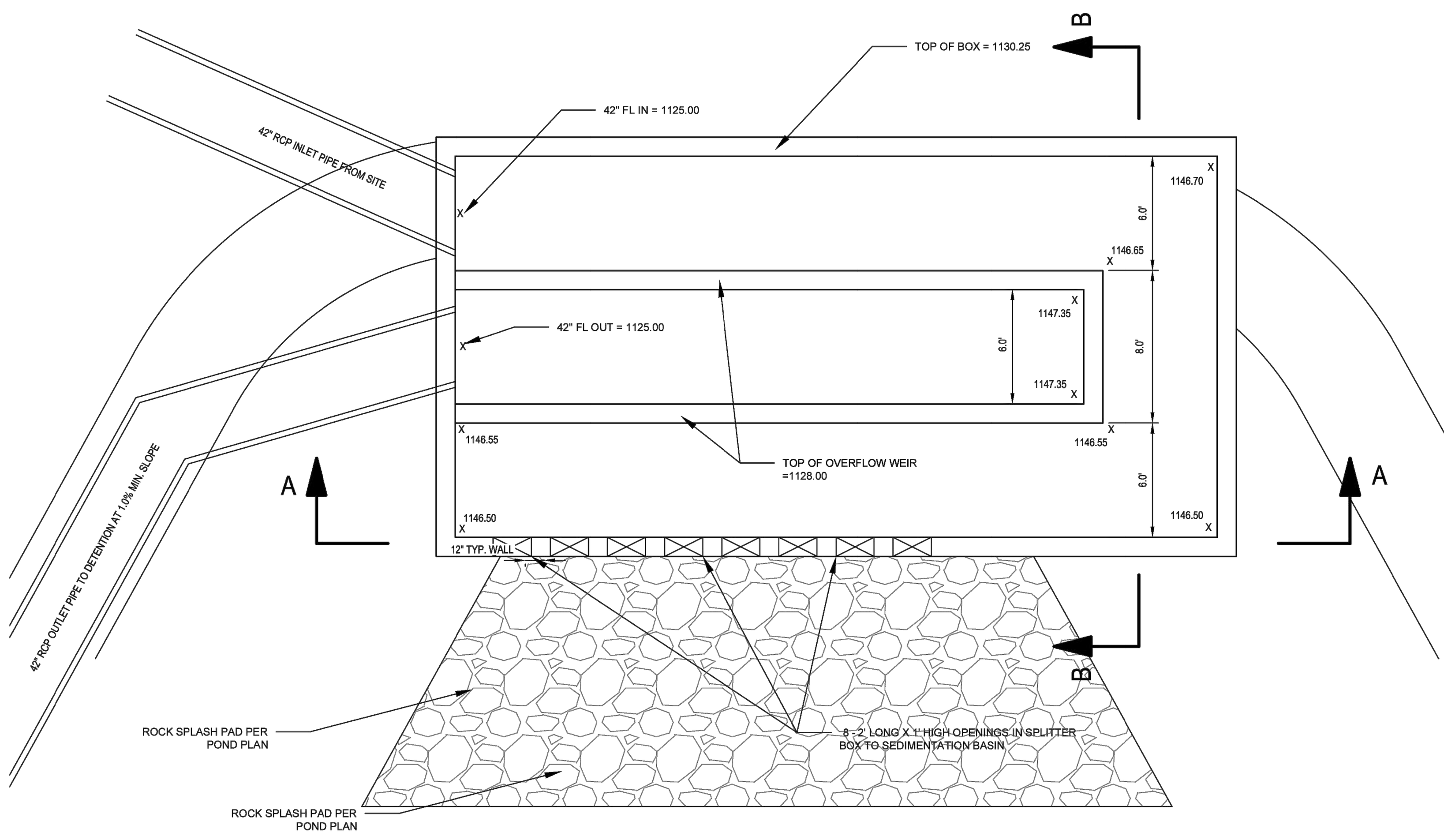
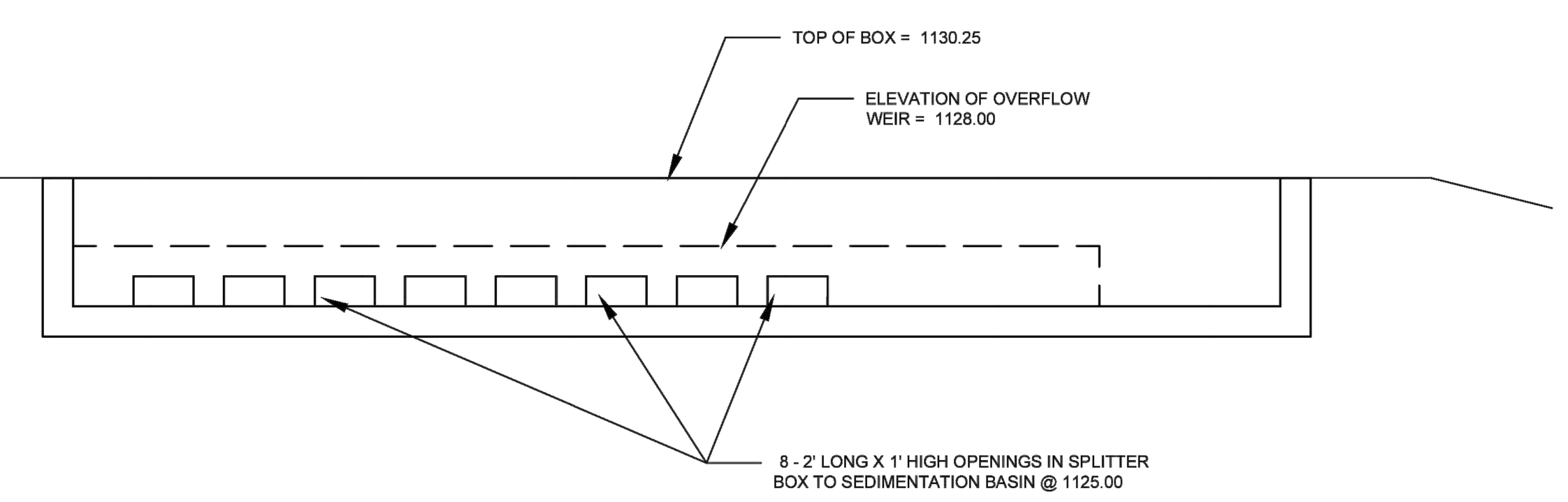


WATER QUALITY POND 'B' SPLITTER BOX PLAN

SCALE: 1" = 5'



RFI 124
North Pond Grades

WATER QUALITY POND 'B' SPLITTER BOX: SECTION A-A

SCALE: 1" = 5'

STORMWATER QUALITY CALCULATIONS
BASIN 'B': PARTIAL SEDIMENTATION

DRAINAGE AREA DATA

	Total Area	Impervious Cover
Total	593745 sf	355753 sf

Impervious Cover 59.92%

Rainfall Depth (per TCEQ Enhanced Treatment Calcs) = 1.875 inches
Runoff Coeff (per TCEQ Enhanced Treatment Calcs) = 0.559

WATER QUALITY CONTROL CALCULATIONS

The Water Quality Control is to be PARTIAL sedimentation/filtration.

		Required	Provided
Site Area Draining to Pond			13.631 ac.
Total Area Draining to Pond			13.631 ac.
Design Flow Rate		Q100	128.3 cfs
		Q25	94.4 cfs
Water Quality Volume	(WQV=Rp x Rv x DA)	51,860	---
Storage for Sediment		10,372	---
Total Capture Volume		62232 cf	67186 cf
Filtration Pond Area *(WQV/10)*		5186 sf	7949 sf
Water Quality Elevation			1,127.50
Elevation of Splitter/Overflow Weir *(>WQ elev)*			1,128.00
Height of Gabion Wall *(WQ elev - 0.5')*			1,127.50
Length of Splitter Weir			76.00
Weir Coefficient			3.00
Required Head to Pass Q100			0.68
Pond Freeboard Provided			1.57

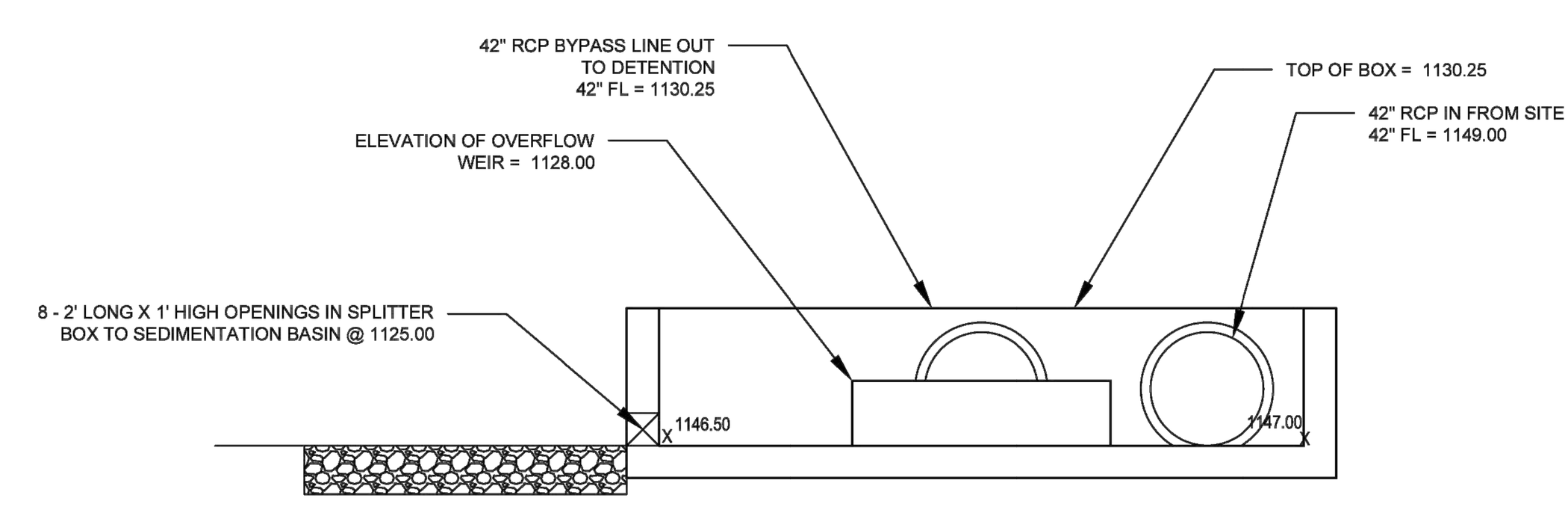
STAGE	SEDIMENTATION		FILTRATION		Total	
(elev)	Surface Area (ft^2)	Volume (ft^3)	Surface Area (ft^2)	Volume (ft^3)	Volume (ft^3)	
1124.00	0	0	7949	0	0	
1124.25	0	0	8055	2001	2001	
1125.00	4742	1778	8372	8161	9939	
1126.00	9354	8826	8792	16743	25569	
1127.00	11900	19453	9208	25743	45196	
1127.50	12576	25572	9415	30398	55971	WQ Elev
1127.78	12956	29166	9532	33066	62232	
1128.00	13251	32029	9622	35158	67186	Weir Elev
1129.00	14655	45982	10035	44986	90968	
1130.00	16700	61659	10448	55228	116887	
1130.25	17282	65942	10551	57852	123795	Top Berm

Size splitter openings to pass Q25 where $Q=CA(2gH)^{0.5}$

	for Q_{25} =	94.4 cfs
Orifice Coefficient = C	C=	0.6
Open Area (A) = 2'x1' openings x 9	A =	16.0 sf
Required H to pass Q25 through openings:	H =	1.50 ft
Available H in splitter box (to top of weir)	H =	2.50 ft

Calculations for outlet orifice size:

Average Drawdown Flow (Total Pond Volume / 48-hours)	Q =	0.3888 cfs
Average Available H for Drawdown Flow	H =	2.00 ft
Required Orifice Area based on Orifice Eq.	A =	0.0571 sf
Required min. Orifice Diameter	D=	3.2356 in.
Chosen Diameter of Orifice in PVC pipe cap	D=	3.25 in.



SCALE: 1" = 5'

WATER QUALITY POND 'B' SPLITTER BOX: SECTION B-B

SCALE: 1" = 5'

TSS Removal Calculations 02-05-2015

(for use with OPTIONAL ENHANCED MEASURES, RG-348 Appendix A ONLY)

Project Name: Dripping Springs New Elementary/Middle School
Date Prepared: 2/5/2015

1. The required Load Reduction for the Total Project: Calculations from RG-348; Appendix A — Pages A-20 to A-24

Page A-21 Equation 4.3: L = 27.7 (A x P)

where:
L = Total required TSS removal (pounds) from total project area
A = Impervious Area (acres)
P = Average annual precipitation (inches)

County = Hays
Total project area included in plan = 50.554 acres
Total impervious area (acres) = 18.242 acres
Total post-development impervious cover fraction = 0.36
P = 33 inches/yr

REQUIRED $L_{M\ TOTAL\ PROJECT}$ = 16675 lbs.

2. Number of drainage basins / outfalls areas leaving the plan area: 2

3. BMP(s) chosen for drainage basin(s)

Proposed BMP = Sand Filter
Removal Efficiency = 89 percent

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

Page A-22 Equation 4.5: L_R = (BMP Efficiency) x P x (A_I x 34.6 + A_P x 0.54)

where:
L_R = Maximum available load removed by BMP
BMP Efficiency = TSS removal efficiency (expressed as a decimal fraction)
A_I = Impervious Cover in basin to BMP (acres)
A_P = Pervious Cover in basin to BMP (acres)
P = Average annual precipitation (inches)
= 33 inches/yr

For Basin 'A':
A_I = 8.836 acres
A_P = 5.999 acres
L_R = 9074 lbs.

For Basin 'B':
A_I = 8.167 acres
A_P = 5.464 acres
L_R = 8386 lbs.

Total Available Load Removal in Basins 'A' and 'B': L_R = 17460 lbs.

5. Calculate Fraction of Annual Runoff to Treat the Plan Area

Desired L_M this Plan = 16675 lbs

Page A-23 Equation 4.6: $F = L / \sum L_R$
F = Fraction of the annual rainfall treated by the BMP
L_R = Available load reduction from each BMP above
L = Required Project Load Reduction
F = 0.955

6. Calculate Capture Volume required by the BMP Type in each drainage basin

Page A-23 Equation 4.7: WQV = Rainfall Depth x R_V x A
WQV = Water Quality Volume
Rainfall Depth = 1.87 Inches (based on Fraction of annual rainfall treated by the BMP)
R_V = Runoff coefficient
Page A-23 Equation 4.8: R_V = 0.05 + 0.0085(% I.C. in the drainage basin)
A = Area of drainage basin to the BMP

For Basin 'A':	
% I.C. =	59.56%
R_V =	0.55628
A =	14.835 acres
On-site Water Quality Volume =	56138 cubic feet
Storage for Sediment =	11228 cubic feet
Total Capture Volume (WQV + Sed Storage) =	**67365 cubic feet**

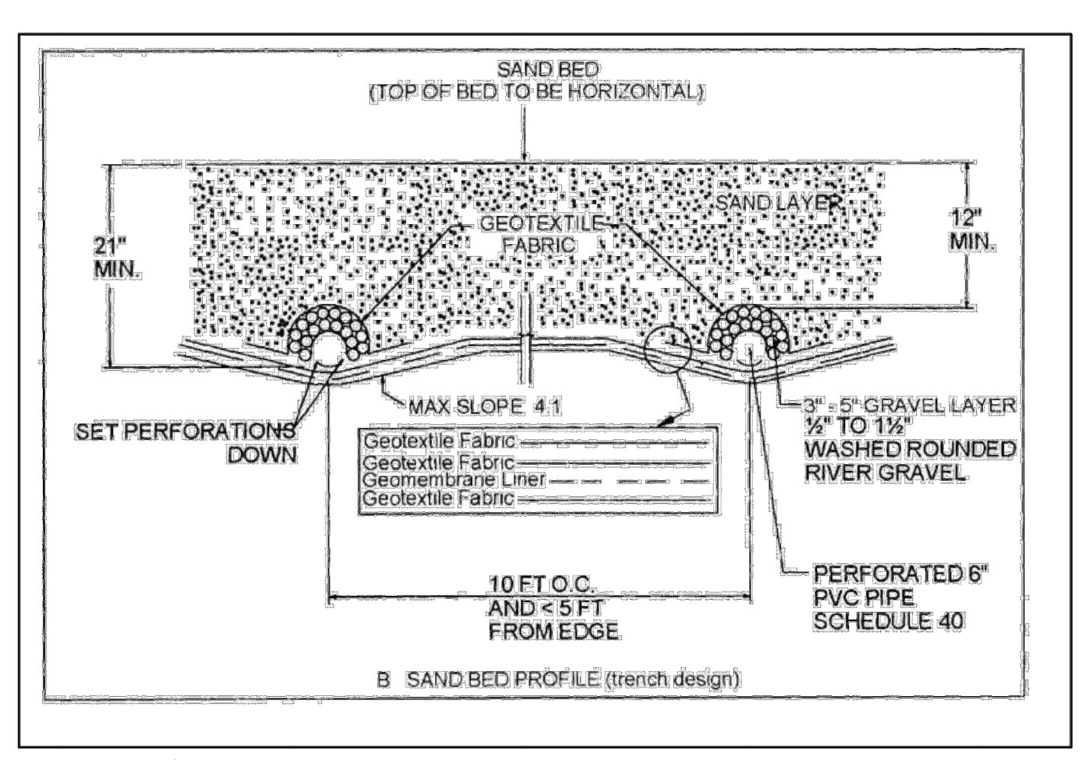
For Basin 'B':	
% I.C. =	59.91%
R_V =	0.55928
A =	13.631 acres
On-site Water Quality Volume =	51860 cubic feet
Storage for Sediment =	10372 cubic feet
Total Capture Volume (WQV + Sed Storage) =	**62232 cubic feet**

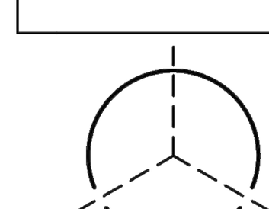
9. Filter area for Sand Filters

For Basin 'A':
9B. Partial Sedimentation and Filtration System
Water Quality Volume for combined basins = 67365 cubic feet
Minimum filter basin area = 5614 square feet
Maximum sedimentation basin area = 22455 square feet — For minimum depth of 2 feet
Minimum sedimentation basin area = 1403 square feet — For maximum depth of 8 feet

For Basin 'B':
9B. Partial Sedimentation and Filtration System
Water Quality Volume for combined basins = 62232 cubic feet
Minimum filter basin area = 5186 square feet
Maximum sedimentation basin area = 20744 square feet — For minimum depth of 2 feet
Minimum sedimentation basin area = 1296 square feet — For maximum depth of 8 feet

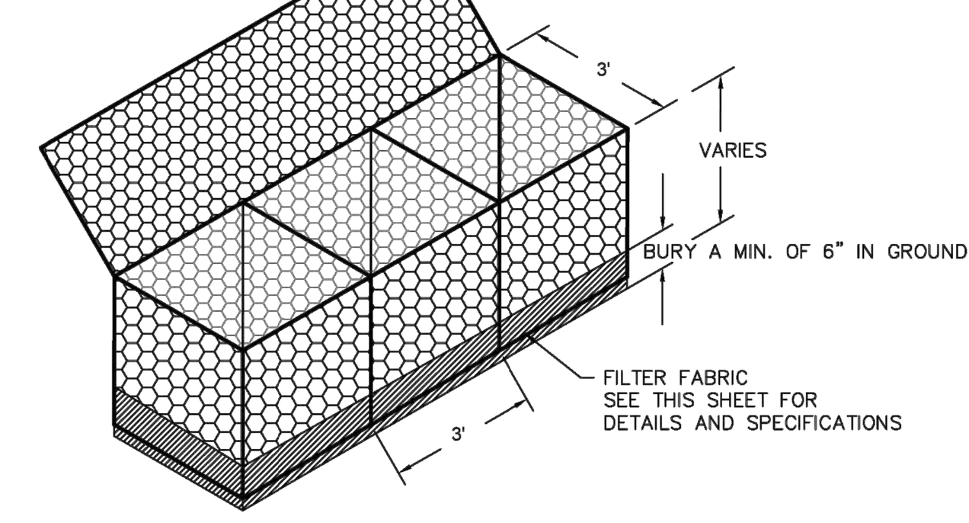
5.14 AD No 5, Civil Item 14: **To the Drawings, Sheet C7.5, "POND 'B' WATER QUALITY DETAILS,"** Refer to Supplemental Drawings c7.5-1 and c7.5-2: Update weir elevation.





PERFORATION LAYOUT

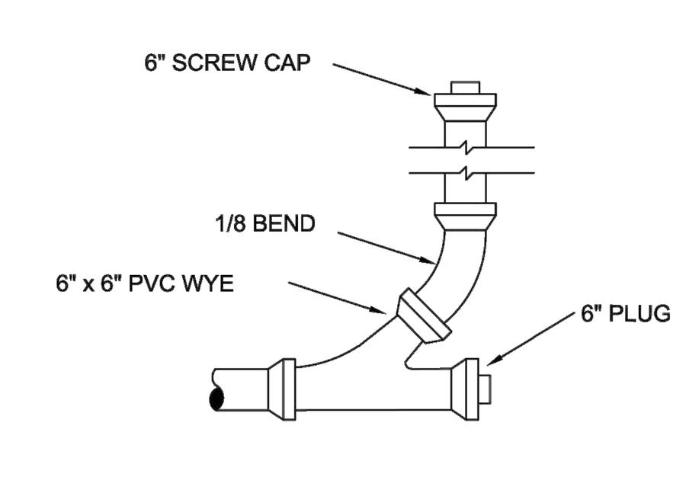
NOTES:
1. UNDERDRAIN PIPING PERFORATIONS SHOULD BE 3/8".
2. MAXIMUM SPACING BETWEEN ROWS OF PERFORATIONS



GABION BASKET DETAIL

SCALE: NTS

1. STONE
   STONE FILL MATERIAL SHALL CONSIST OF HARD, DURABLE, CLEAN STONE OF THE SIZE INDICATED, 5 TO 8 INCHES IN SIZE OR AS APPROVED BY THE ENGINEER AND RESISTANT TO THE ACTION OF AIR AND WATER AND SUITABLE IN ALL RESPECTS FOR THE PURPOSE INTENDED.
2. WIRE CONTAINERS
   WIRE MESH SHALL CONSIST OF PLASTIC COATED (P.V.C.) GALVANIZED WIRE 0.120 INCH IN DIAMETER MINIMUM AND SHALL EQUAL OR EXCEED FEDERAL SPECIFICATION QQ-W-461G, CLASS 3 UNLESS OTHERWISE INDICATED. OPENING OF THE MESH SHALL NOT EXCEED APPROXIMATELY 4 INCHES IN THE LONGEST DIMENSION. THE WIRE MESH IS TO BE FABRICATED IN SUCH MANNER AS TO BE NONRAVELING. TIE AND CONNECTING WIRE SHALL BE OF THE SAME TYPE AND SIZE AS THE BASKETS AND SHALL BE SUPPLIED IN SUFFICIENT QUANTITY FOR SECURELY FASTENING ALL EDGES OF THE GABION AND DIAPHRAGMS.
3. FILTER FABRIC
   FILTER FABRIC SHALL BE NON-BIODEGRADABLE ULTRAVIOLET STABILIZED, INERT TO MOST SOIL CHEMICALS, UNAFFECTED BY MOISTURE WHICH ALLOWS WATER TO PASS THROUGH WHILE RETAINING SOIL PARTICLES AND SHALL CONFORM TO ITEM NO. 620, "FILTER FABRIC".



TYPICAL FILTRATION POND CLEAN-OUT DETAIL

SCALE: NTS

!!! CAUTION !!!

EXISTING OVERHEAD UTILITIES IN VICINITY CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN WORKING NEAR ELECTRIC FACILITIES

!!! WARNING !!!

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Revision / Date

Project: A NEW ELEMENTARY SCHOOL AND NEW MIDDLE SCHOOL FOR DRIPPING SPRINGS I.S.D. DRIPPING SPRINGS, TEXAS

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Christopher M. Huckabee

Huckabee

POND 'B' WATER QUALITY DETAILS

Job. No. 3169101 — Sheet No. C7.5
Drawn By: B.G., R.B.
Date: 03/18/15
Sheet 51 OF 172

Drawing Path: E:\3169101_Drawings_Production Drawings\SHT_WATER QUALITY POND B.dwg Plotted By: Russell Beamer Date: 3/18/2015 4:42:44 PM Layout: POND 'B' WATER QUALITY DETAILS Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), 1:1

3169101 PLANS FOR REFERENCE ONLY

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DRIPPING SPRINGS INDEPENDENT SCHOOL DISTRICT — DS — EST. 1976

KEY PLAN — A
NORTH PLAN TRUE

DAVID J. HILDEBRANDT 106713 LICENSED
10/24/25

CLIENT	
DRIPPING SPRINGS ISD	
DATE 10/17/2025	PROJECT NUMBER 250027

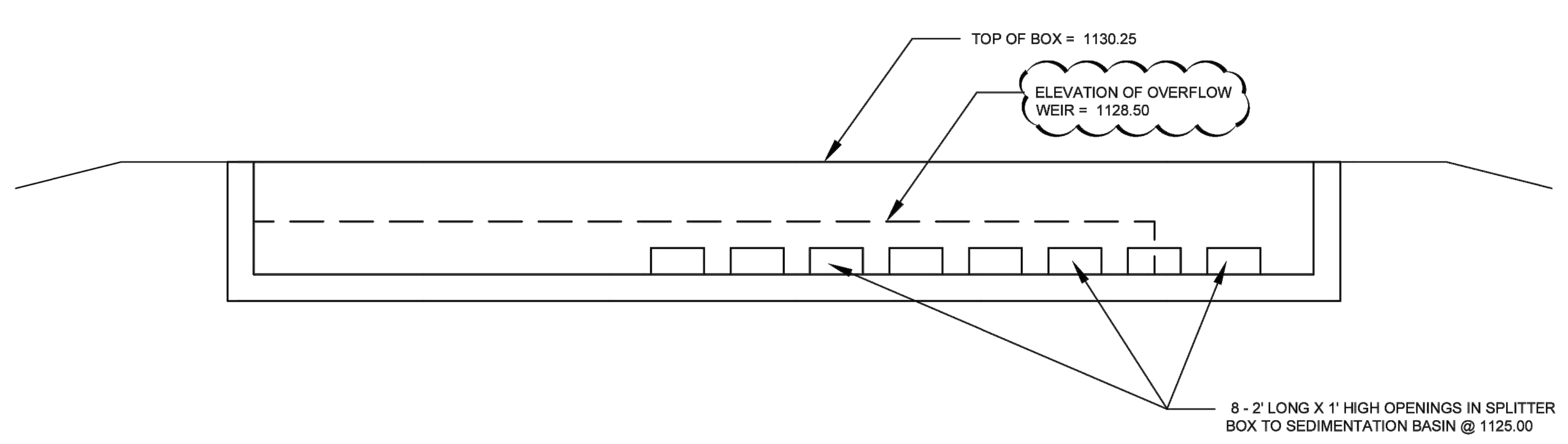
DRAWING HISTORY

No.	Description	Date

CHECKED BY: DH
DRAWN BY: KT

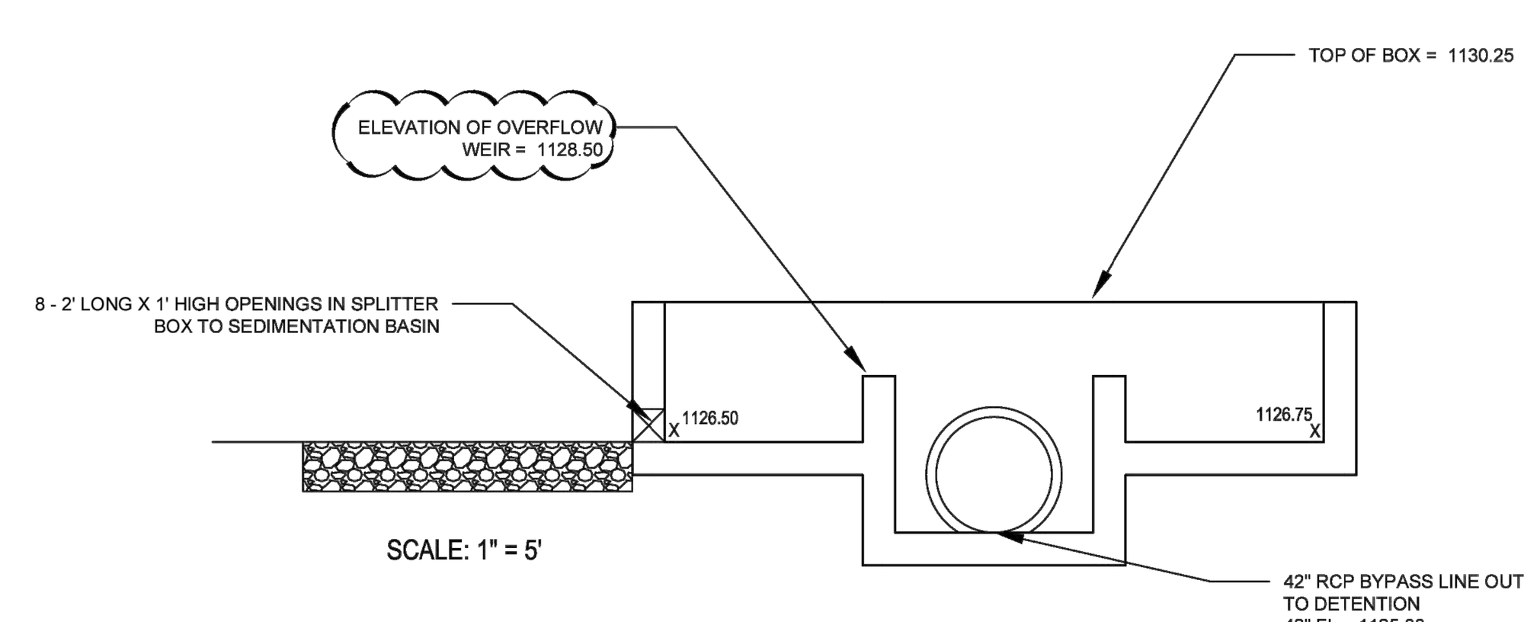
EXISTING DETENTION POND B

C 203C



WATER QUALITY POND 'B' SPLITTER BOX: SECTION A-A

SCALE: 1" = 5'



SCALE: 1" = 5'

WATER QUALITY POND 'B' SPLITTER BOX: SECTION B-B

SCALE: 1" = 5'

ADD #5
-REVISED WEIR ELEVATION.

Project: A NEW ELEMENTARY SCHOOL AND NEW MIDDLE SCHOOL FOR DRIPPING SPRINGS I.S.D. DRIPPING SPRINGS, TEXAS

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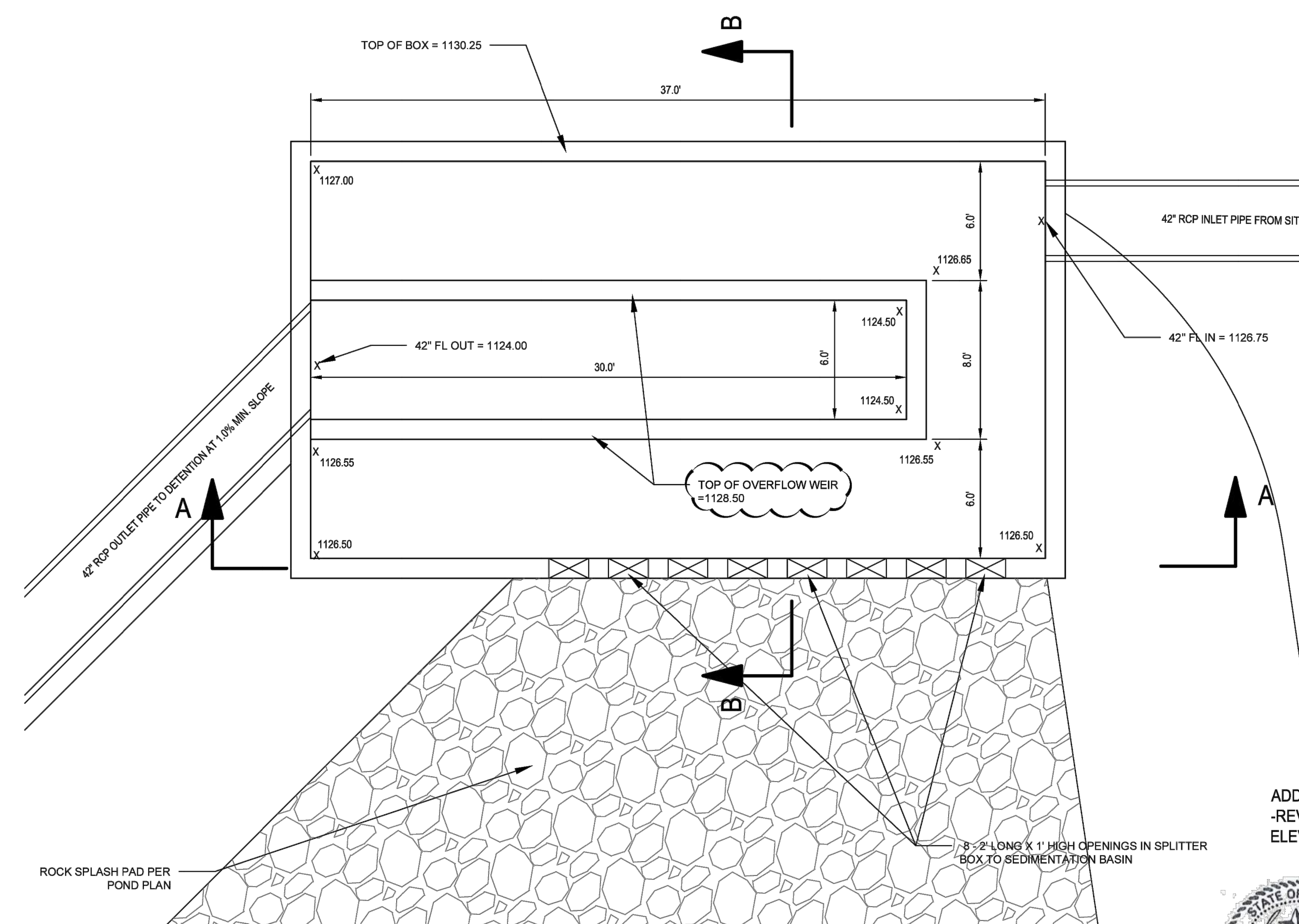
Job. No.	Date:
1686-01-01	6/29/15

Sheet No. C7.5-2



RFI 122
S. Detention
Pond Elevations

WATER QUALITY POND 'B' SPLITTER BOX PLAN

SCALE: 1" = 5'

ADD #5
-REVISED WEIR ELEVATION.

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Job. No.	Date:
1686-01-01	6/29/15

Sheet No. C7.5-1

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KEY PLAN

A

NORTH: PLAN TRUE

DAVID J. HILDEBRANDT 106713 LICENSED PROFESSIONAL ENGINEER
10/24/25

CLIENT
DRIPPING SPRINGS ISD

DATE	PROJECT NUMBER
10/17/2025	250027

DRAWING HISTORY

No.	Description	Date

CHECKED BY: DH

DRAWN BY: KT

EXISTING DETENTION POND B

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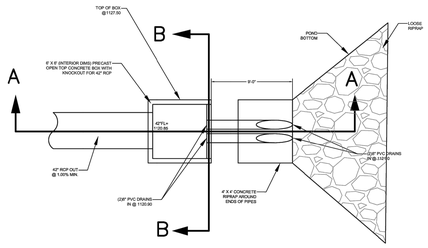
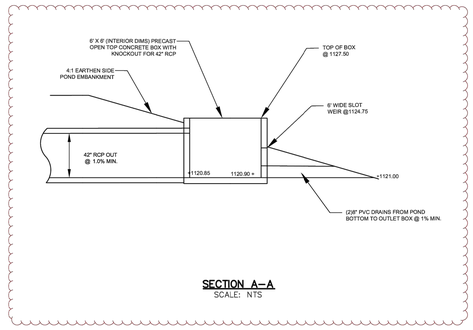


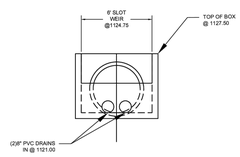
POND OUTLET – PLAN VIEW
SCALE: NTS



SECTION A–A
SCALE: NTS

RFI 122
S. Detention
Pond Elevations

C7.6
Updated



SECTION B–B
SCALE: NTS

DRIPPING SPRINGS NEW ELEMENTARY/MIDDLE SCHOOL
DETENTION POND 'B': STAGE / STORAGE / DISCHARGE CALCULATIONS

	TYPE OF OUTLET	# OPENINGS	FLOWLINE	DIA (IN) / LENGTH (FT)	COEFFICENT
OUTLET 1	ORIFICE	2	1121.00	8 in.	0.6
OUTLET 2	WEIR	1	1124.75	6 ft	3.0
OUTLET 3	WEIR	1	1127.50	25 ft	3.0

ELEVATION	AREA	INC. STORAGE	CUMULATIVE STORAGE	DISCHARGE ORIFICE	DISCHARGE WEIR	DISCHARGE WEIR	TOTAL DISCHARGE	NOTES
1121	0 sf	0 cf	0 cf	0.00 cfs	0.00 cfs	0.00 cfs	0.00 cfs	OUTLET 1 @ POND BOTTOM
1122	2797 sf	1399 cf	1399 cf	4.34 cfs	0.00 cfs	0.00 cfs	4.34 cfs	
1123	8263 sf	5530 cf	6929 cf	4.34 cfs	0.00 cfs	0.00 cfs	4.34 cfs	
1124	12649 sf	10456 cf	17385 cf	5.49 cfs	0.00 cfs	0.00 cfs	5.49 cfs	
1124.644	14322 sf	8682 cf	26067 cf	6.12 cfs	0.00 cfs	0.00 cfs	6.12 cfs	2-YR WSE
1124.75	14598 sf	1536 cf	27602 cf	6.21 cfs	0.00 cfs	0.00 cfs	6.21 cfs	OUTLET 2 CONTROL WEIR
1125	15248 sf	3731 cf	31333 cf	6.44 cfs	2.25 cfs	0.00 cfs	8.69 cfs	
1126	16752 sf	16000 cf	47333 cf	7.26 cfs	25.16 cfs	0.00 cfs	32.42 cfs	
1126.996	18217 sf	17411 cf	64744 cf	8.00 cfs	60.58 cfs	0.00 cfs	68.58 cfs	10-YR WSE
1127	18223 sf	77 cf	64821 cf	8.00 cfs	60.75 cfs	0.00 cfs	68.75 cfs	
1127.08	18341 sf	1541 cf	66362 cf	8.06 cfs	64.20 cfs	0.00 cfs	72.26 cfs	25-YR WSE
1127.50	18925 sf	7746 cf	74107 cf	8.35 cfs	82.09 cfs	0.00 cfs	90.43 cfs	OUTLET 3 EMERGENCY SPILLWAY
1127.74	19259 sf	4553 cf	78661 cf	8.51 cfs	92.99 cfs	8.74 cfs	110.24 cfs	100-YR WSE
1128	19626 sf	5084 cf	83745 cf	8.68 cfs	105.46 cfs	26.52 cfs	140.66 cfs	
1128.25	20004 sf	4954 cf	88699 cf	8.84 cfs	117.86 cfs	48.71 cfs	175.42 cfs	TOP OF BEM

DRIPPING SPRINGS NEW ELEMENTARY/MIDDLE SCHOOL
HEC-HMS Summary

EXISTING CONDITIONS

Hydrologic Element	Drainage Area	Composite SCS CN	I.C. %	T_c	T_{LAG} (T_c x 0.6)	Q_2	Q_{10}	Q_{25}	Q_{100}
Existing 'A'	**17.57 Ac.**	**84.00**	**0.0%**	**15.79 Min.**	**9.48 Min.**	**43.3 cfs**	**92.0 cfs**	**86.7 cfs**	**121.8 cfs**
Existing 'B'	**32.98 Ac.**	**84.00**	**0.0%**	**18.74 Min.**	**11.25 Min.**	**75.3 cfs**	**160.8 cfs**	**153.7 cfs**	**215.9 cfs**
TOTAL	50.55 Ac.	----	----	----	----	118.2 cfs	251.4 cfs	239.5 cfs	336.6 cfs

DEVELOPED CONDITIONS

Hydrologic Element	Drainage Area	Composite SCS CN	I.C. %	T_c	T_{LAG} (T_c x 0.6)	Q_2	Q_{10}	Q_{25}	Q_{100}
Proposed 'A1'	14.83 Ac.	84.00	59.56%	5.0 Min.	3.0 Min.	61.1 cfs	112.4 cfs	97.6 cfs	132.7 cfs
WQ 'A' area	0.67 Ac.	84.00	100%	5.0 Min.	3.0 Min.	3.0 cfs	5.2 cfs	4.4 cfs	5.9 cfs
					PEAK POND INFLOW:	64.1 cfs	117.5 cfs	102.0 cfs	138.5 cfs
WQ Pond 'A'					PEAK RELEASED FLOWS:	33.4 cfs	113.9 cfs	99.4 cfs	135.6 cfs
					PEAK WATER SURFACE ELEVATIONS:	1149.29'	1149.66'	1149.61'	1149.50'
Det 'A' area	0.56 Ac.	84.00	100%	5.0 Min.	3.0 Min.	2.5 cfs	4.3 cfs	3.6 cfs	4.9 cfs
					PEAK POND INFLOW:	34.6 cfs	118.0 cfs	102.9 cfs	140.4 cfs
Detention 'A'					PEAK RELEASED FLOWS:	5.57 cfs	44.89 cfs	54.49 cfs	81.59 cfs
					PEAK WATER SURFACE ELEVATIONS:	1144.07'	1147.58'	1148.12'	1149.49'
Proposed 'A2'	5.52 Ac.	84.00	1.70%	15.79 Min.	9.48 Min.	13.1 cfs	27.6 cfs	26.0 cfs	36.5 cfs
Proposed 'A'	**21.59 Ac.**	----	----	----	----	**17.5 cfs**	**70.9 cfs**	**79.4 cfs**	**117.4 cfs**
Proposed 'B1'	13.63 Ac.	84.00	59.92%	5.0 Min.	3.0 Min.	56.2 cfs	103.3 cfs	89.7 cfs	122.0 cfs
WQ 'B' area	0.71 Ac.	84.00	100%	5.0 Min.	3.0 Min.	3.2 cfs	5.5 cfs	4.7 cfs	6.3 cfs
					PEAK POND INFLOW:	59.5 cfs	108.8 cfs	94.4 cfs	128.3 cfs
WQ Pond 'B'					PEAK RELEASED FLOWS:	45.0 cfs	104.6 cfs	92.2 cfs	125.8 cfs
					PEAK WATER SURFACE ELEVATIONS:	1128.11'	1128.38'	1128.55'	1128.67'
Det 'B' area	0.49 Ac.	84.00	100%	5.0 Min.	3.0 Min.	2.2 cfs	3.7 cfs	3.2 cfs	4.2 cfs
					PEAK POND INFLOW:	48.1 cfs	109.4 cfs	95.2 cfs	130.0 cfs
Detention 'B'					PEAK RELEASED FLOWS:	6.11 cfs	68.57 cfs	72.26 cfs	110.23 cfs
					PEAK WATER SURFACE ELEVATIONS:	1124.64'	1127.00'	1127.08'	127.74'
Proposed 'B2'	14.13 Ac.	84.00	0.3%	18.74 Min.	11.25 Min.	33.2 cfs	70.9 cfs	67.7 cfs	95.2 cfs
Proposed 'B'	**28.96 Ac.**	----	----	----	----	**38.9 cfs**	**139.3 cfs**	**139.4 cfs**	**202.1 cfs**
TOTAL	50.55 Ac.	----	----	----	----	56.3 cfs	210.0 cfs	218.6 cfs	318.0 cfs

Notes:
1. Q2 and Q10 values are based on **SCS Type II distributions** 24-hr rainfalls for Hays County per TCEQ Enhanced Measures RG-348A Page A-26.
Q25 and Q100 values are based on **SCS Type III distributions** based on City of Austin Drainage Criteria as adopted by the City of Dripping Springs.

!!! CAUTION !!!
EXISTING OVERHEAD UTILITIES IN VICINITY CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN WORKING NEAR ELECTRIC FACILITIES

!!! WARNING !!!
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POND 'B' DETENTION DETAILS

Job. No.	Sheet No.
3169101	C7.6
Drawn By: B.G., R.B.	
Date: 03/18/15	

Sheet 52 OF 172

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DRIPPING SPRINGS INDEPENDENT SCHOOL DISTRICT EST. 1973

A

KEY PLAN
NORTH: PLAN TRUE

STATE OF TEXAS
DAVID J. HILDEBRANDT
106712
LICENSED
PROFESSIONAL ENGINEER
10/24/25

CLIENT
DRIPPING SPRINGS ISD

DATE	PROJECT NUMBER
10/17/2025	250027

DRAWING HISTORY

No.	Description	Date

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DRAWN BY: KT

EXISTING DETENTION POND B

C 203E

Drawing Path: E:\3169101_Drawings_Production Drawings\SHT_WATER QUALITY POND B.dwg Plotted By: Russell Beamer Date: 3/18/2015 4:43:00 PM Layout: POND 'B' DETENTION DETAILS Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), 1:1

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EXISTING DRAINAGE CONDITIONS

IDF COEFFICIENTS

	2-YEAR	25-YEAR	100-YEAR
a	45.240	63.96	77.31
b	9.339	7.941	6.832
c	0.7399	0.6354	0.6524

DEVELOPED RUNOFF COEFFICIENTS

	2-YEAR	25-YEAR	100-YEAR
Pervious	0.21	0.29	0.36
Impervious	0.73	0.86	0.95
OPEN SPACE	0.21	0.29	0.36

AREA NO.	AREA (AC)	Pervious AREA (AC)	Impervious AREA (AC)	OPEN SPACE (AC)	Tc (MIN)	C2 COMP	C25 COMP	C100 COMP	I2 (IN/HR)	I25 (IN/HR)	I100 (IN/HR)	Q2 (CFS)	Q25 (CFS)	Q100 (CFS)	INLET LOCATION	ID
EX-1	1.56	1.53	0.03	0.00	5.0	0.22	0.30	0.37	6.31	11.79	15.42	2.2	5.5	8.9	CULVERT	EX-1
TOTAL	1.56	1.53	0.03	0.00	5.0	0.22	0.30	0.37	6.31	11.79	15.42	2.2	5.5	8.9	NA	TOTAL

NORTH

10 0 20

20 0 40

NOTES TO SHEET

1. NOTES

LEGEND

EXISTING DRAINAGE AREA BOUNDARY

A-X
X.XX
AREA #
ACREAGE OF AREA #

FLOW PATH

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STATE OF TEXAS
DAVID J. HILDEBRANDT
106713
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PROFESSIONAL ENGINEER

10/24/25

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No.	Description	Date

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DRAWN BY: KT

EXISTING DRAINAGE AREA MAP

C 204

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PROPOSED DRAINAGE CONDITIONS

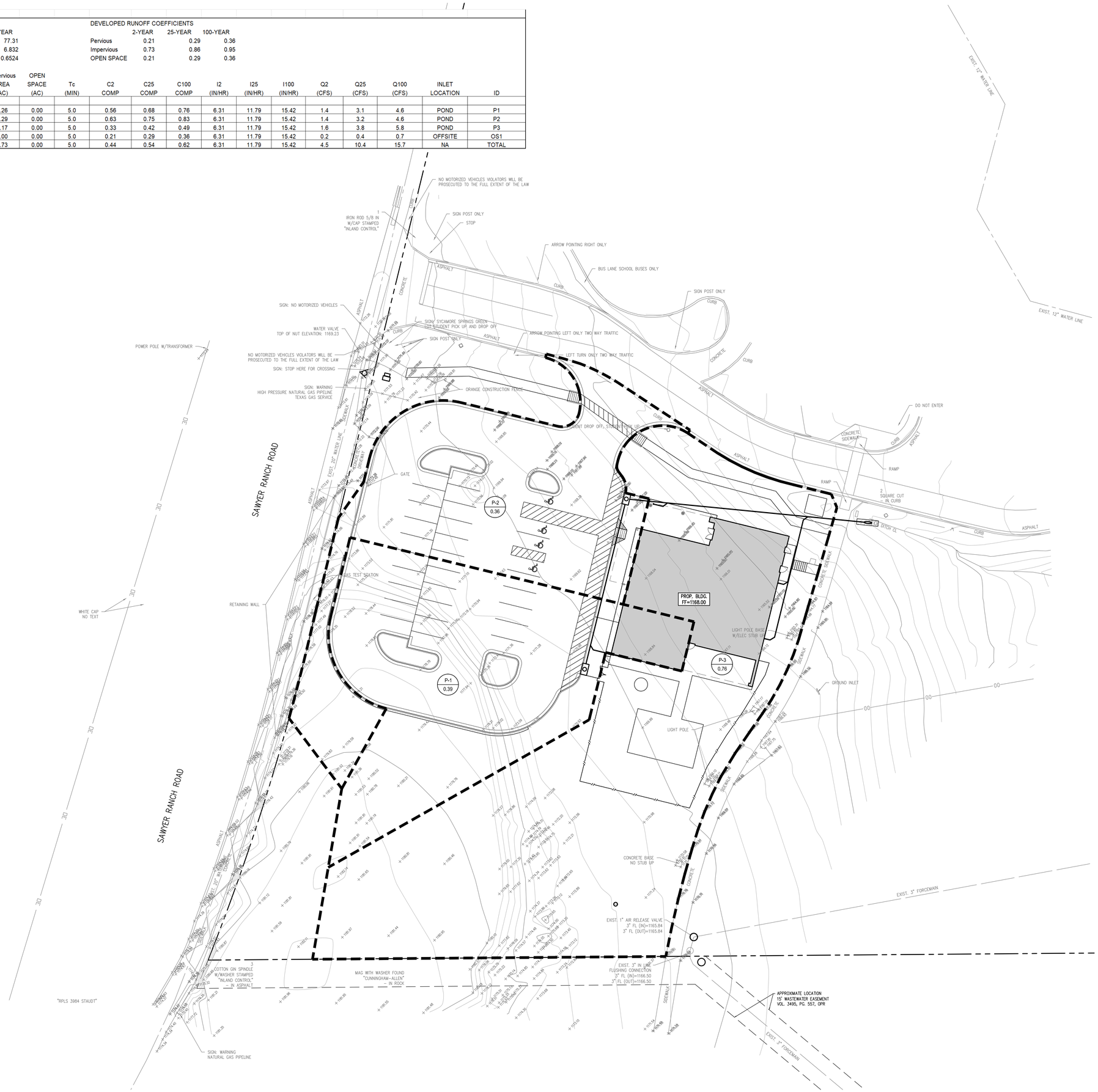
IDF COEFFICIENTS

	2-YEAR	25-YEAR	100-YEAR
a	45.240	69.96	77.31
b	9.339	7.941	6.832
c	0.7399	0.6954	0.6524

DEVELOPED RUNOFF COEFFICIENTS

	2-YEAR	25-YEAR	100-YEAR
Pervious	0.21	0.29	0.36
Impervious	0.73	0.86	0.95
OPEN SPACE	0.21	0.29	0.36

AREA NO.	AREA (AC)	Pervious AREA (AC)	Impervious AREA (AC)	OPEN SPACE (AC)	Tc (MIN)	C2 COMP	C25 COMP	C100 COMP	I2 (IN/HR)	I25 (IN/HR)	I100 (IN/HR)	Q2 (CFS)	Q25 (CFS)	Q100 (CFS)	INLET LOCATION	ID
P1	0.39	0.13	0.26	0.00	5.0	0.56	0.68	0.76	6.31	11.79	15.42	1.4	3.1	4.6	POND	P1
P2	0.36	0.07	0.29	0.00	5.0	0.63	0.75	0.83	6.31	11.79	15.42	1.4	3.2	4.6	POND	P2
P3	0.76	0.59	0.17	0.00	5.0	0.33	0.42	0.49	6.31	11.79	15.42	1.6	3.8	5.8	POND	P3
OS1	0.12	0.12	0.00	0.00	5.0	0.21	0.29	0.36	6.31	11.79	15.42	0.2	0.4	0.7	OFFSITE	OS1
TOTAL	1.63	0.90	0.73	0.00	5.0	0.44	0.54	0.62	6.31	11.79	15.42	4.5	10.4	15.7	NA	TOTAL



NORTH

10 0 10 20 20 40

NOTES TO SHEET

1. NOTES

LEGEND

- PROPOSED DRAINAGE AREA BOUNDARY
- A-X / X.XX — AREA # / ACREAGE OF AREA #
- FLOW PATH

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75% CD REVIEW SET

DRIPPING SPRINGS INDEPENDENT SCHOOL DISTRICT EST. 1970

A

KEY PLAN

NORTH: PLAN TRUE

STATE OF TEXAS
DAVID HILDEBRANDT
106711
LICENSED
PROFESSIONAL ENGINEER

10/24/25

CLIENT	
DRIPPING SPRINGS ISD	
DATE	PROJECT NUMBER
10/17/2025	250027

DRAWING HISTORY

No.	Description	Date

CHECKED BY: DH

DRAWN BY: KT

PROPOSED DRAINAGE AREA MAP

C 205

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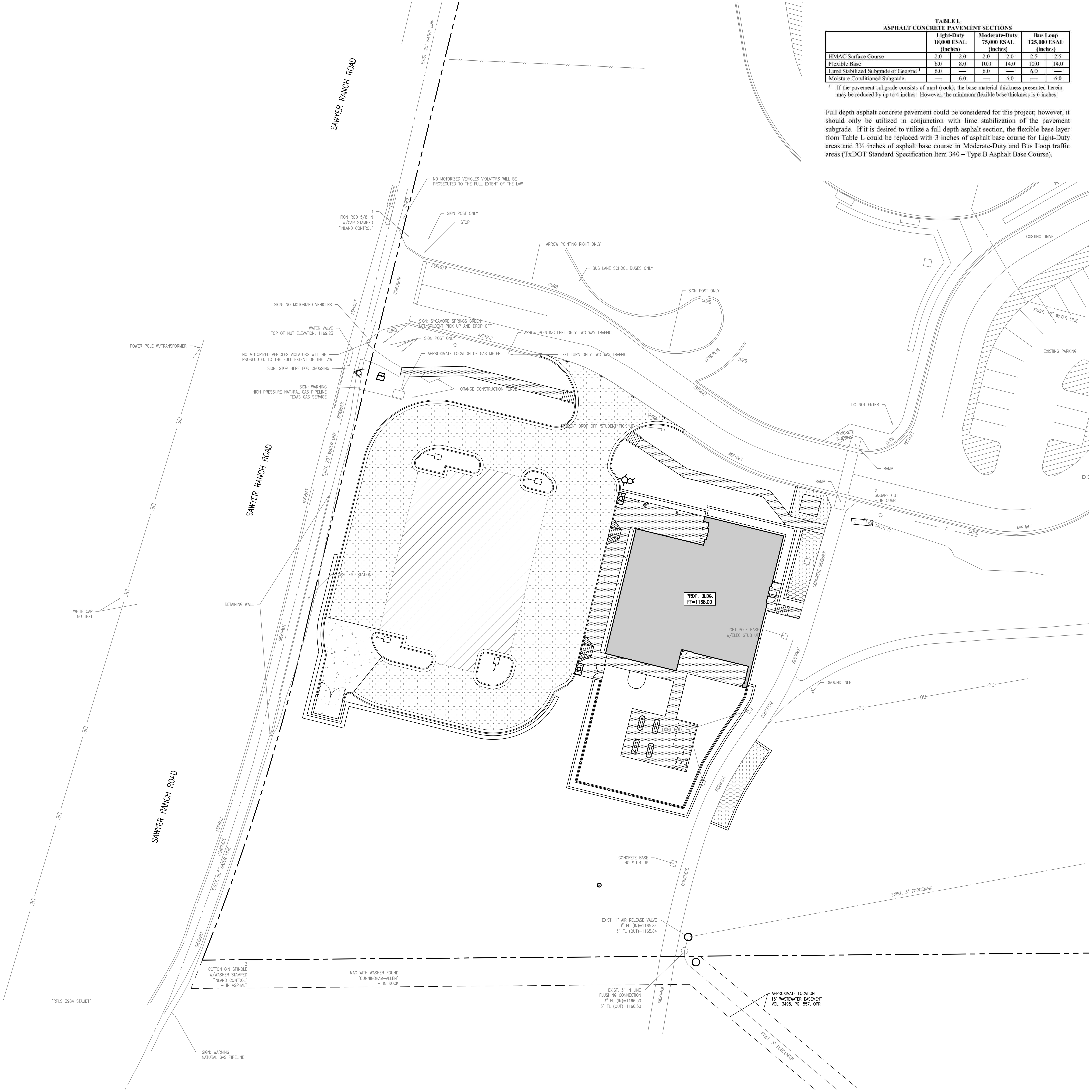
TABLE L
ASPHALT CONCRETE PAVEMENT SECTIONS

	Light-Duty 18,000 ESAL (inches)		Moderate-Duty 75,000 ESAL (inches)		Bus Loop 125,000 ESAL (inches)	
HMAC Surface Course	2.0	2.0	2.0	2.0	2.5	2.5
Flexible Base	6.0	8.0	10.0	14.0	10.0	14.0
Lime Stabilized Subgrade or Geogrid [1]	6.0	—	6.0	—	6.0	—
Moisture Conditioned Subgrade	—	6.0	—	6.0	—	6.0

[1] If the pavement subgrade consists of marl (rock), the base material thickness presented herein may be reduced by up to 4 inches. However, the minimum flexible base thickness is 6 inches.

Full depth asphalt concrete pavement could be considered for this project; however, it should only be utilized in conjunction with lime stabilization of the pavement subgrade. If it is desired to utilize a full depth asphalt section, the flexible base layer from Table L could be replaced with 3 inches of asphalt base course for Light-Duty areas and 3½ inches of asphalt base course in Moderate-Duty and Bus Loop traffic areas (TxDOT Standard Specification Item 340 – Type B Asphalt Base Course).



SAWYER RANCH ROAD
EXIST. 20" WATER LINE
NO MOTORIZED VEHICLES VIOLATORS WILL BE PROSECUTED TO THE FULL EXTENT OF THE LAW
SIGN POST ONLY
STOP
IRON ROD 5/8 IN W/CAP STAMPED "INLAND CONTROL"
ARROW POINTING RIGHT ONLY
BUS LANE SCHOOL BUSES ONLY
SIGN POST ONLY
SIGN: NO MOTORIZED VEHICLES
SIGN: SYCAMORE SPRINGS GROUP LOT STUDENT PICK UP AND DROP OFF
WATER VALVE TOP OF NUT ELEVATION: 1169.23
ARROW POINTING LEFT ONLY TWO WAY TRAFFIC
POWER POLE W/TRANSFORMER
APPROXIMATE LOCATION OF GAS METER
LEFT TURN ONLY TWO WAY TRAFFIC
SIGN: STOP HERE FOR CROSSING
ORANGE CONSTRUCTION FENCE
SIGN: WARNING HIGH PRESSURE NATURAL GAS PIPELINE TEXAS GAS SERVICE
STUDENT DROP OFF, STUDENT PICK UP
DO NOT ENTER
EXISTING DRIVE
EXIST. 12" WATER LINE
EXISTING PARKING
RAMP
SQUARE CUT IN CURB
GAS TEST STATION
RETAINING WALL
WHITE CAP NO TEXT
PROP. BLDG. FF=1168.00
LIGHT POLE BASE W/ELEC STUB UP
GROUND INLET
LIGHT POLE
CONCRETE BASE NO STUB UP
EXIST. 3" FORCEMAIN
EXIST. 1" AIR RELEASE VALVE 3" FL (IN)=1165.84 3" FL (OUT)=1165.84
COTTON GIN SPINDLE W/WASHER STAMPED "INLAND CONTROL" IN ASPHALT
MAG WITH WASHER FOUND "CUNNINGHAM-ALLEN" IN ROCK
EXIST. 3" IN LINE FLUSHING CONNECTION 3" FL (IN)=1166.50 3" FL (OUT)=1166.50
APPROXIMATE LOCATION 15' WASTEWATER EASEMENT VOL. 3495, PG. 557, OPR
"RPLS 3984 STAUDT"
SIGN: WARNING NATURAL GAS PIPELINE

NORTH

10 20
20 0 40

LEGEND

- HEAVY DUTY (BUS LOOP) ASPHALT PAVING
- LIGHT DUTY ASPHALT PAVING
- 4.5" CONCRETE SIDEWALK
- 7" CONCRETE PAVING 3,000 PSI AT 28-DAYS
- DECOMPOSED GRANITE (RE: LANDSCAPE)

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A

KEY PLAN
NORTH: PLAN TRUE

STATE OF TEXAS
TRACE C. CRYER
143668
LICENSED PROFESSIONAL ENGINEER
DG ENGINEERS F-18326
12/12/2025

CLIENT	
DRIPPING SPRINGS ISD	
DATE 11/07/2025	PROJECT NUMBER 250027

DRAWING HISTORY

No.	Description	Date
1	Addendum 1	12.12.2025

CHECKED BY: DH
DRAWN BY: KT

PAVING PLAN

C 301

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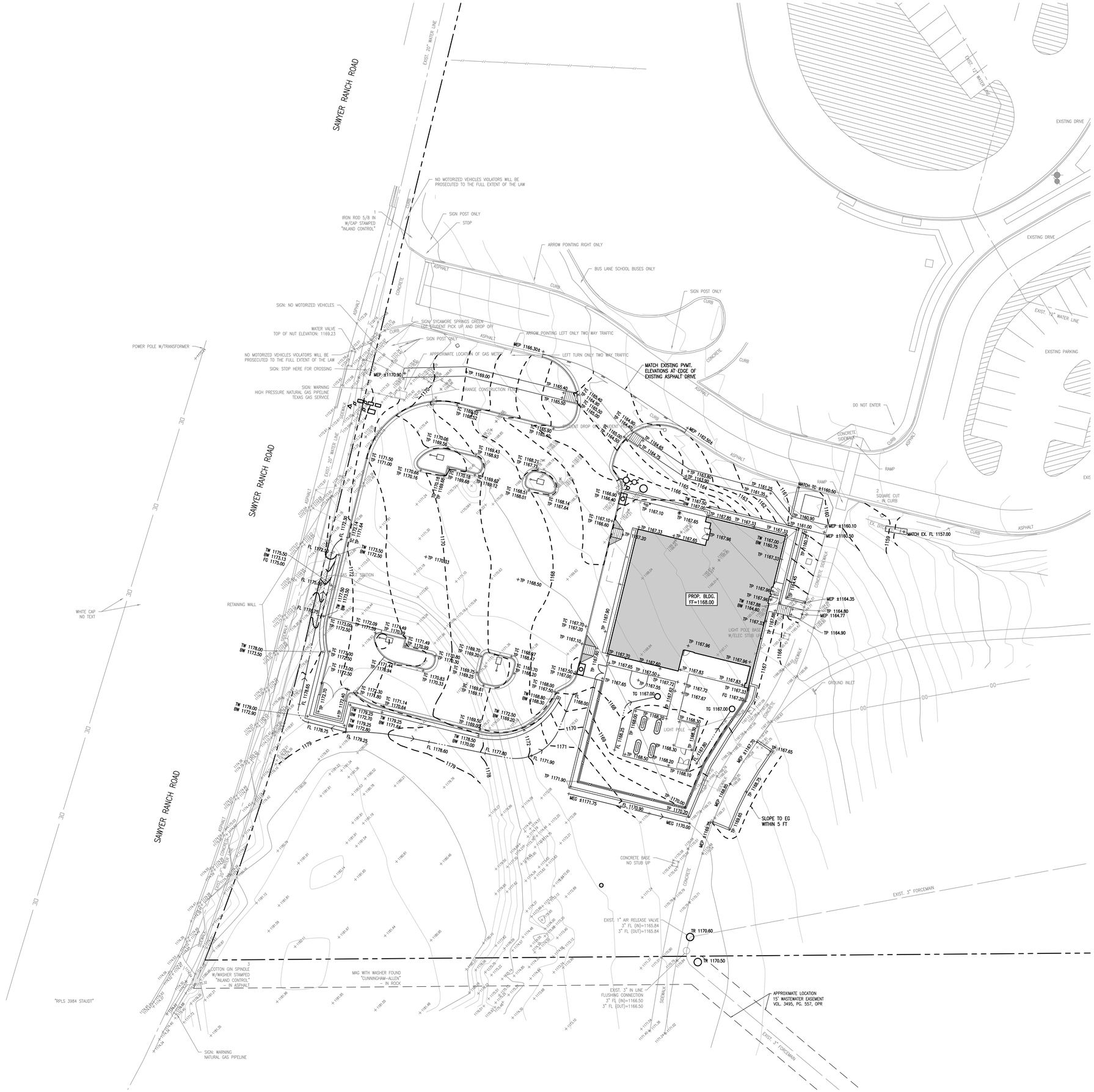

NORTH

10 20
20 0 40

LEGEND

TC	TOP OF CURB
FL	FLOW LINE
TP	TOP OF PAVEMENT
TR	TOP OF RIM
TG	TOP OF GRATE
A - X	AREA INLET
CB - X	CATCH BASIN
C - X	CURB INLET

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NORTH: PLAN TRUE

TRACE C. CRYER
143668
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PROFESSIONAL ENGINEER
STATE OF TEXAS

DG ENGINEERS F-18326

12/12/2025

CLIENT	
DRIPPING SPRINGS ISD	
DATE	PROJECT NUMBER
11/07/2025	250027

DRAWING HISTORY

No.	Description	Date
1	Addendum 1	12.12.2025

CHECKED BY: DH

DRAWN BY: KT

GRADING PLAN

1

C 302

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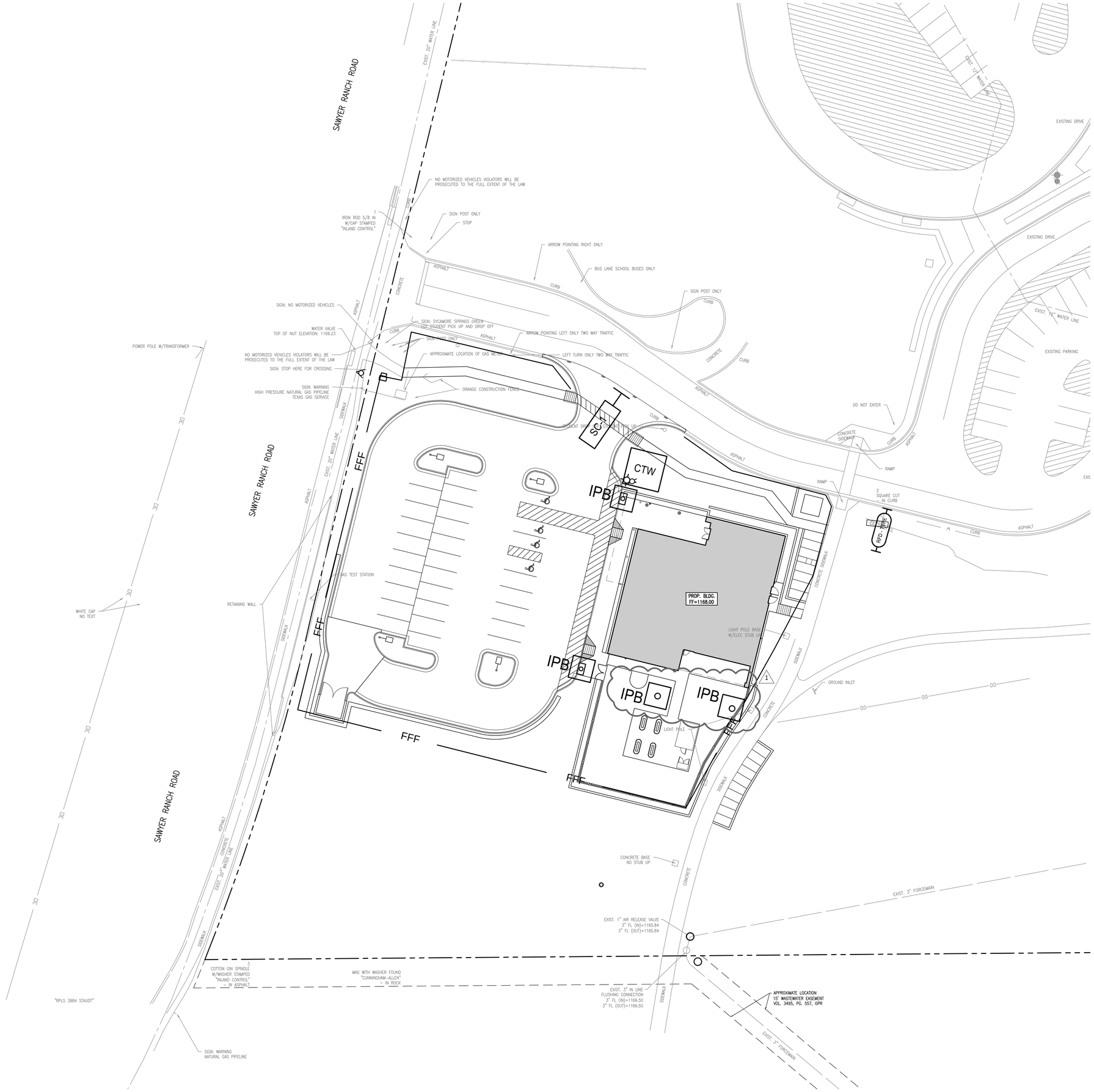
Friday, December 12, 2025 2:59:13 PM



NORTH

10 20
20 0 40

NOTES TO SHEET

- IPB — INLET PROTECTION BARRIER
- FFF — FILTER FABRIC FENCE
- RFD - TYPE — REINFORCED FILTER DAM
- CTW — CONCRETE WASH OUT
- SC-1 — STABILIZED CONSTRUCTION ENTRANCE

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STATE OF TEXAS
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143668
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PROFESSIONAL ENGINEER

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F-18326

12/12/2025

CLIENT	
DRIPPING SPRINGS ISD	
DATE	PROJECT NUMBER
11/07/2025	250027

DRAWING HISTORY

No.	Description	Date
1	Addendum 1	12.12.2025

CHECKED BY: DH

DRAWN BY: KT

EROSION CONTROL PLAN

C 401

U:\PBK\Austin\Projects\250250027\FOCIDIG\Dwgs\C-401 EROSION CONTROL PLAN.dwg Last Saved: KTRAN

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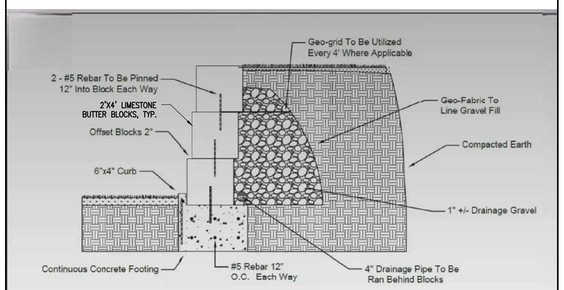
16 | NOT USED

15 | NOT USED

14 | NOT USED

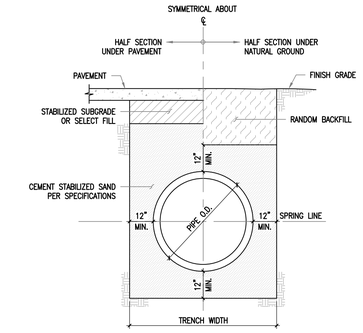
13 | NOT USED



Retaining Wall Notes:

1. Limestone block to be within 4"
2. Concrete to be no less than 3000 PSI
3. Cut Spots into blocks every 15' for 4" pipe "T" joint
4. Wall to be constructed out of +/- 2'x5' limestone quarry blocks
5. Concrete footing is to run continuously the entire wall length

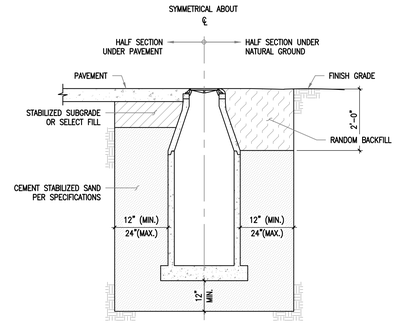
12 | LIMESTONE RETAINING WALL DETAIL



NOTES:

1. THIS DETAIL MAY BE USED ONLY FOR DRY STABLE TRENCH CONDITIONS. WHERE WET SAND CONDITIONS ARE ENCOUNTERED SEWERS SHALL BE BACKFILLED PER THE REQUIREMENTS OF THE WET CONDITION BEDDING AND BACKFILLING DETAIL.
2. ALL BACKFILL SHALL BE PLACED IN 8-INCH THICK LOOSE LIFTS AND COMPACTED TO AN IN-PLACE DENSITY EQUAL TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY AT A MOISTURE CONTENT WITHIN +/-2% OF THE OPTIMUM MOISTURE CONTENT AS DETERMINED BY ASTM D698.
3. MIN. TRENCH WIDTH SHALL BE PIPE O.D. PLUS 24-INCHES FOR PIPES WITH A NOMINAL SIZE OF 30-INCHES OR LESS AND O.D. PLUS 36-INCHES FOR PIPES WITH A NOMINAL SIZE GREATER THAN 30-INCHES.

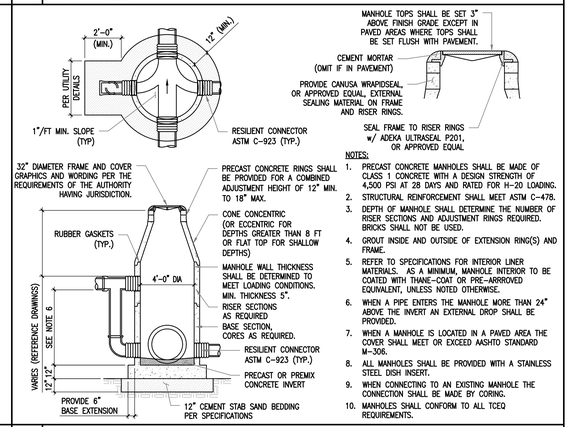
11 | SANITARY SEWER BEDDING AND BACKFILL



NOTES:

1. THIS DETAIL MAY BE USED ONLY FOR BEDDING AND BACKFILLING OF MANHOLES, CLEAN-OUTS AND OTHER STRUCTURES IN DRY STABLE TRENCH CONDITIONS. WHERE WET SAND CONDITIONS ARE ENCOUNTERED STRUCTURES SHALL BE BACKFILLED PER THE REQUIREMENTS OF THE WET CONDITION BEDDING AND BACKFILLING DETAIL.
2. ALL BACKFILL SHALL BE PLACED IN 8-INCH THICK LOOSE LIFTS AND COMPACTED TO AN IN-PLACE DENSITY EQUAL TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY AT A MOISTURE CONTENT WITHIN +/-2% OF THE OPTIMUM MOISTURE CONTENT AS DETERMINED BY ASTM D698.

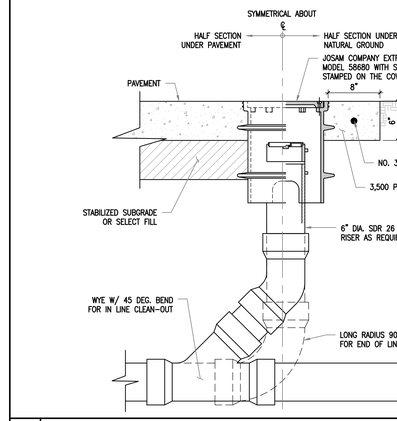
10 | SANITARY SEWER STRUCTURE BEDDING AND BACKFILL



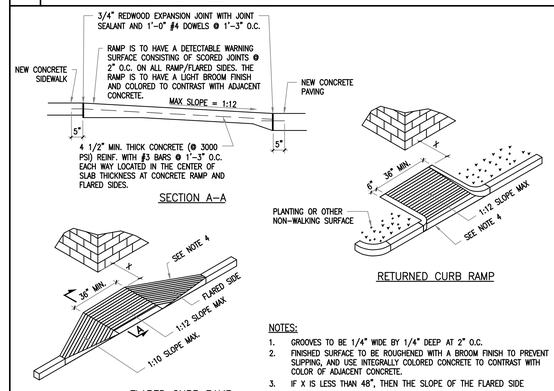
NOTES:

1. PRECAST CONCRETE MANHOLES SHALL BE MADE OF CLASS 1 CONCRETE WITH A DESIGN STRENGTH OF 4,500 PSI AT 28 DAYS AND RATED FOR H-20 LOADING.
2. STRUCTURAL REINFORCEMENT SHALL MEET ASTM C-478.
3. DEPTH OF MANHOLE SHALL DETERMINE THE NUMBER OF RISER SECTIONS AND ADJUSTMENT RINGS REQUIRED. BRICKS SHALL NOT BE USED.
4. GROUT INSIDE AND OUTSIDE OF EXTENSION RING(S) AND FRAME.
5. REFER TO SPECIFICATIONS FOR INTERIOR LINER MATERIALS. AS A MINIMUM, MANHOLE INTERIOR TO BE COATED WITH THANE-COAT OR PRE-APPROVED EQUIVALENT, UNLESS NOTED OTHERWISE.
6. WHEN A PIPE ENTERS THE MANHOLE MORE THAN 24" ABOVE THE INVERT AN EXTERNAL DROP SHALL BE PROVIDED.
7. WHEN A MANHOLE IS LOCATED IN A PAVED AREA THE COVER SHALL MEET OR EXCEED AASHTO STANDARD M-306.
8. ALL MANHOLES SHALL BE PROVIDED WITH A STAINLESS STEEL DISH INSERT.
9. WHEN CONNECTING TO AN EXISTING MANHOLE THE CONNECTION SHALL BE MADE BY CORING.
10. MANHOLES SHALL CONFORM TO ALL TCEQ REQUIREMENTS.

9 | SANITARY SEWER MANHOLE



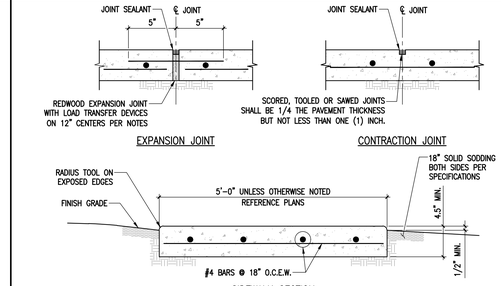
8 | SANITARY SEWER CLEAN OUT



NOTES:

1. GROOVES TO BE 1/4" WIDE BY 1/4" DEEP AT 2" O.C.
2. FINISHED SURFACE TO BE ROUGHENED WITH A BROOM FINISH TO PREVENT SLIPPING, AND USE INTEGRALLY COLORED CONCRETE TO CONTRAST WITH COLOR OF ADJACENT CONCRETE.
3. IF X IS LESS THAN 48", THEN THE SLOPE OF THE FLARED SIDE SHALL NOT EXCEED 1:12 X MIN. SHALL BE 42".
4. RAMP IS TO BE ISOLATED ON ALL SIDES WITH EXPANSION JOINTS.

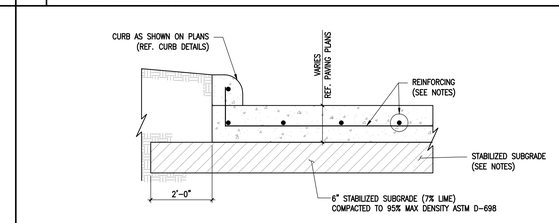
4 | ACCESSIBLE CURB RAMP



NOTES:

1. SLOPE TRANSVERSE SURFACE 2% (1:50) IN DIRECTION OF GENERAL SITE AREA DRAINAGE.
2. RUNNING SLOPE IN THE DIRECTION OF TRAVEL SHALL NOT EXCEED 5% (1:20).
3. FLOAT EDGES 1/4" MAXIMUM AT CONTROL JOINTS.
4. USE REDWOOD BOARD EXPANSION JOINT w/ #4 SMOOTH BAR w/ LOAD KEY (10" LONG).
5. REDWOOD BOARD EXPANSION JOINTS ON 15 FOOT CENTERS MAXIMUM.
6. CONTROL JOINT SPACING NOT TO EXCEED FIVE (5) FEET. SCORED, TOOLED OR SAWN JOINTS SHALL BE 1/4 THE PAVEMENT THICKNESS BUT NOT LESS THAN ONE (1) INCH.
7. SIDEWALK JOINTS SHALL ALIGN WITH PAVING JOINTS WHEN SIDEWALK IS ADJACENT TO PAVING.

7 | CONCRETE SIDEWALK

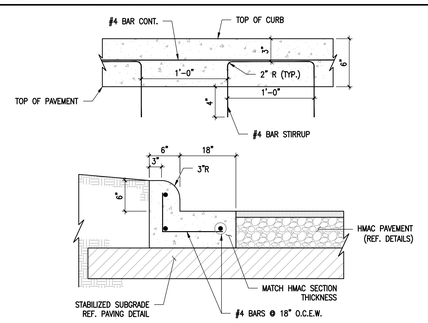


NOTES:

1. AREAS TO RECEIVE PAVING SHALL BE STRIPPED OF THE ORGANIC TOPSOIL TO A DEPTH OF AT LEAST 6-INCHES AND TO A DEPTH AS NECESSARY TO OBTAIN THE DESIRED FINISH GRADE. AFTER REMOVAL OF THE TOPSOIL THE EXPOSED SUBGRADE SHALL BE PROOFROLLED WITH A 15-TON ROLLER TO DETECT ANY WET, SOFT, OR UNSTABLE SOILS. WET, SOFT OR UNSTABLE SOILS SHALL BE TREATED WITH SUITABLE DRYING OR STABILIZING AGENTS OR REMOVED AND REPLACE WITH PROPERLY COMPACTED FILL AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
2. IF IT IS NECESSARY TO PLACE FILL IN ORDER TO BRING THE PAVEMENT SUBGRADE TO THE REQUIRED ELEVATION, SUITABLE EARTH FILL OR SELECT FILL SHALL BE UTILIZED. SUITABLE EARTH FILL AND SELECT FILL SHALL BE FREE OF ORGANICS, DELETERIOUS SUBSTANCES AND BE A CLAYEY SAND OR INACTIVE LEAN CLAY WITH A MAXIMUM LIQUID LIMIT OF 35 AND PLASTICITY INDEX RANGE OF 8 TO 20. FILL MATERIAL SHALL BE PLACED IN 8-INCH THICK LOOSE LIFTS AND COMPACTED TO AN IN-PLACE DENSITY EQUAL TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY AT A MOISTURE CONTENT WITHIN +/-2% OF THE OPTIMUM MOISTURE CONTENT AS DETERMINED BY ASTM D698.
3. REFERENCE PAVING PLANS FOR SUBGRADE STABILIZATION REQUIREMENTS.
4. CONCRETE PAVEMENT SHALL CONSIST OF NOT LESS THAN 5.5 SACKS OF CONCRETE PER CUBIC YARD AND OBTAIN A 28-DAY COMPRESSIVE STRENGTH OF AT LEAST 4,000 PSI. REFERENCE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
5. REINFORCING SHALL CONSIST OF THE THE FOLLOWING:
   - 7-INCH THICK PAVING – #4 BARS AT 24" O.C.E.W.

1

3 | CONCRETE PAVEMENT



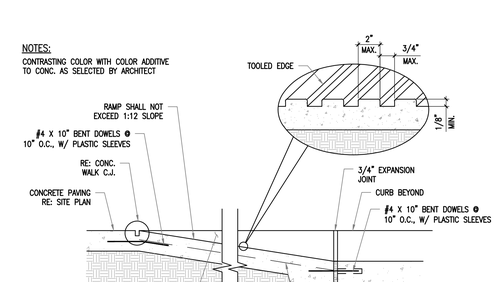
NOTES:

1. FOR NEW PAVEMENT STIRRUPS SHALL BE SET IN FRESH CONCRETE AND SECURED.
2. FOR NEW CURB ON EXISTING PAVEMENT STIRRUPS SHALL BE DRILLED AND EPOXIED INTO THE EXISTING PAVEMENT.
3. MIN COVER ON ALL REINFORCING STEEL SHALL BE 2".
4. PLACE 3/4" INCH PREFORMED EXPANSION JOINTS THROUGH CURB AND GUTTERS AT LOCATIONS OF EXPANSION JOINTS IN PAVEMENT, AT END OF RADIUS RETURNS AT STREET INTERSECTIONS AND DRIVEWAYS, AND AT CURB INLETS. MAXIMUM SPACING SHALL BE 60' CENTERS.
5. PLACE 1/4" TOOLED JOINTS THROUGH CURB AND GUTTERS AT LOCATIONS OF SAWED JOINTS IN PAVEMENT.

2 | CONCRETE CURB AND GUTTER

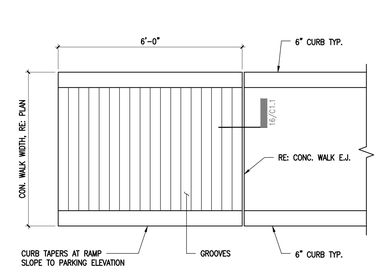
1

6 | ACCESSIBLE RAMP PROFILE



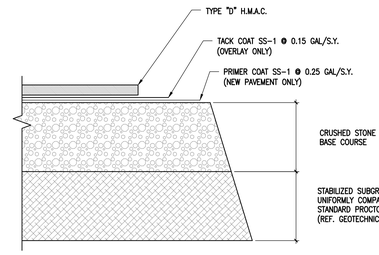
NOTES:
CONTRASTING COLOR WITH COLOR ADDITIVE TO CONC. AS SELECTED BY ARCHITECT

5 | ACCESSIBLE RAMP PLAN



NOTES:
6'-0" RUN BASED ON 6" HIGH CURB AND WALK-LENGTH SHALL BE ADJUSTED ACCORDING TO CURB HEIGHT AND MAXIMUM RISE OF 1:12.

NOTES:
REFER TO SHEET C 301 AND GEOTECH REPORT FOR SPECIFIC PAVEMENT REQUIREMENTS



1

1 | ASPHALT PAVEMENT SECTION

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Friday, December 12, 2025 11:43:08 AM

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ISSUE FOR PERMIT AND CONSTRUCTION

DRIPPING SPRINGS INDEPENDENT SCHOOL DISTRICT EST. 1970

A

KEY PLAN
NORTH: PLAN TRUE

TRACE C. CRYER
143668
LICENSED PROFESSIONAL ENGINEER
STATE OF TEXAS
DIG ENGINEERS F-18326
12/12/2025

CLIENT	
DRIPPING SPRINGS ISD	
DATE	PROJECT NUMBER
11/07/2025	250027

DRAWING HISTORY

No.	Description	Date
1	Addendum 1	12.12.2025

CHECKED BY: DH

DRAWN BY: KT

DETAILS

C 501

15 NOT USED

14 NOT USED

13 NOT USED

12 NOT USED

11 NOT USED

10 NOT USED

9 NOT USED

8 NOT USED

7 NOT USED

6 NOT USED

5 REINFORCED FILTER DAM

GEOTEXTILE NOTES:

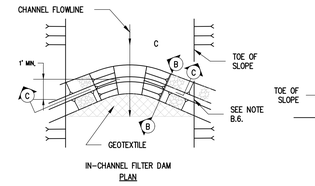
MIN. AOS	SIEVE NO.	120 MIN
MAX. AOS	SIEVE NO.	50 MAX
WEIGHT	OZ/SY	4 OZ. MIN

RFD-TYPE

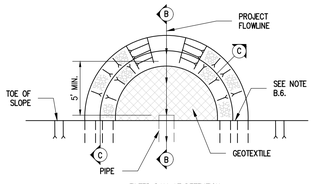
FILTER DAM SYMBOL

A. TYPES OF FILTER DAMS

1. TYPE 1 (NON-REINFORCED)
   a. HEIGHT – 18-24 INCHES. MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
   b. TOP WIDTH – 2 FEET (MINIMUM)
   c. SLOPES – 2:1 (MAXIMUM).
2. TYPE 2 (REINFORCED).
   a. HEIGHT – 18-36 INCHES. MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
   b. TOP WIDTH – 2 FEET (MINIMUM).
   c. SLOPES – 2:1 (MAXIMUM).
3. TYPE 3 (REINFORCED)
   a. HEIGHT – 36-48 INCHES. MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
   b. TOP WIDTH – 2 FEET (MINIMUM).
   c. SLOPES – 3:1 (MAXIMUM).
4. TYPE 4 (GABION)
   a. HEIGHT – 30 INCHES (MINIMUM). MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
   b. TOP WIDTH – 2 FEET (MINIMUM).
5. TYPE 5. AS SHOWN ON THE PLANS.



IN-CHANNEL FILTER DAM
PLAN



FILTER DAM AT DETENTION BASIN OUTFALL PIPE
PLAN

B. CONSTRUCT FILTER DAMS ACCORDING TO THE FOLLOWING CRITERIA UNLESS SHOWN OTHERWISE ON THE PLANS.

1. TYPE 2 AND 3 FILTER DAMS: SECURE WITH 20 GAUGE GALVANIZED WOVEN WIRE MESH WITH 1 INCH DIAMETER HEXAGONAL OPENINGS.

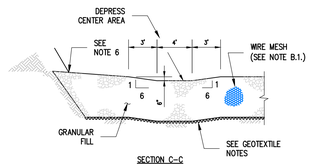
2. PLACE GRANULAR FILL ON THE WIRE MESH TO HEIGHT AND SLOPES SHOWN ON PLANS OR AS SPECIFIED BY THE ENGINEER.
   a. 3-5 INCHES FOR ROCK FILTER DAM TYPES 1, 2 AND 4.
   b. 4-8 INCHES FOR ROCK FILTER DAM TYPE REFER TO GRANULAR FILL IN SPECIFICATION SECTION No. 02378 RIPRAP AND GRANULAR FILL.

3. FOLD WIRE MESH AT UPSTREAM SIDE OVER GRANULAR FILL AND TIGHTLY SECURED TO ITSELF ON THE DOWNSTREAM SIDE USING WIRE TIES OR HOG RINGS.

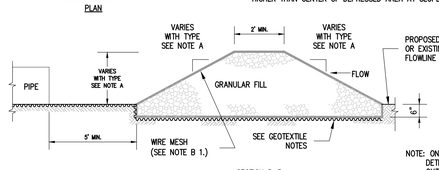
4. IN STREAMS: SECURE OR STAKE MESH TO STREAM BED PRIOR TO AGGREGATE PLACEMENT.

5. SEE HCFCD SPECIFICATION SECTION NO. 02364-FILTER DAMS.

6. EMBED ONE FOOT MINIMUM INTO SLOPE AND RAISE ONE FOOT HIGHER THAN CENTER OF DEPRESSED AREA AT SLOPE.



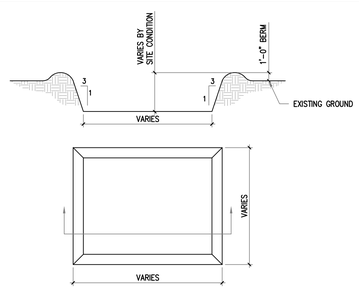
SECTION C–C



SECTION B–B

NOTE: ONLY APPLIES FOR DETENTION BASIN OUTFALL PIPE PROTECTION.

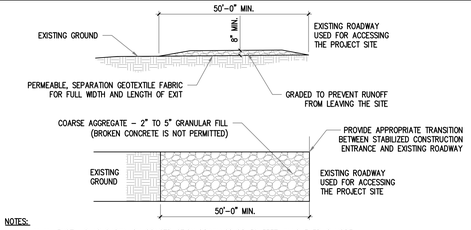
4 CONCRETE TRUCK WASHOUT AREA



NOTES:

1. POST A SIGN READING "CONCRETE WASH OUT PIT" NEXT TO THE PIT.
2. VERBALLY INSTRUCT THE CONCRETE TRUCK DRIVERS WHERE THE PIT IS AND TO WASH OUT THEIR TRUCKS IN THE PIT AND NO WHERE ELSE.
3. UPON THE CONCRETE SETTING UP (CURING, DRYING OUT), THE CONCRETE WASTE SHALL BE REMOVED FROM THE PROJECT SITE AND DISPOSED OF PROPERLY BY THE CONTRACTOR. AFTER REMOVAL OF THE CONCRETE WASTE, THE WASH OUT PIT SHALL BE FILLED WITH CLEAN FILL MATERIAL AND COMPACTED TO IN-SITU CONDITIONS, OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
4. CONCRETE WASH OUT PITS SHALL NOT BE LOCATED DIRECTLY ADJACENT TO, NOR AT ANY TIME DRAIN INTO THE STORM SEWER SYSTEM OR ANY OTHER SWALE, DITCH, OR WATERWAY.
5. CONSTRUCT ENTRY ROAD AND BOTTOM OF WASHOUT AREA TO SUPPORT EXPECTED LOADINGS FROM TRUCKS EQUIPMENT.

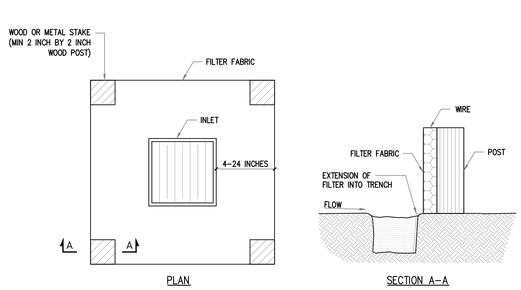
3 STABILIZED CONSTRUCTION ENTRANCE



NOTES:

1. MINIMUM LENGTH IS AS SHOWN ON CONSTRUCTION DRAWINGS OR 50 FEET, WHICHEVER IS MORE.
2. CONSTRUCT AND MAINTAIN CONSTRUCTION EXIT WITH CONSTANT WIDTH ACROSS ITS LENGTH, INCLUDING ALL POINTS OF INGRESS OR EGRESS.
3. UNLESS SHOWN ON THE CONSTRUCTION DRAWINGS, STABILIZATION FOR OTHER AREAS WILL HAVE THE SAME AGGREGATE THICKNESS AND WIDTH REQUIREMENTS AS THE STABILIZED CONSTRUCTION EXIT.
4. WHEN REQUIRED, WIDEN OR LENGTHEN STABILIZED AREA TO ACCOMMODATE A TRUCK WASHING AREA. PROVIDE OUTLET SEDIMENT TRAP FOR THE TRUCK WASHING AREA.
5. PROVIDE PERIODIC TOP DRESSING WITH ADDITIONAL COARSE AGGREGATE TO MAINTAIN THE REQUIRED DEPTH OR WHEN SURFACE BECOMES PACKED WITH MUD.
6. PERIODICALLY TURN AGGREGATE TO EXPOSE A CLEAN DRIVING SURFACE.
7. ALTERNATIVE METHODS OF CONSTRUCTION INCLUDE:
   CEMENT STABILIZED SOIL: COMPACTED CEMENT STABILIZED SOIL, LIMESTONE AGGREGATE, OR OTHER FILL MATERIAL IN AN APPLICATION OF THICKNESS OF 8 INCHES.
   WOOD MATS: OAK OR OTHER HARDWOOD TIMBERS PLACED EDGE TO EDGE AND ACROSS SUPPORT WOODEN BEAMS WHICH ARE PLACED ON TOP OF EXISTING SOIL IN AN APPLICATION THICKNESS OF 6 INCHES.
   STEEL MATS: PERFORATED MATS PLACED ACROSS PERPENDICULAR SUPPORT MEMBERS.
8. MINIMUM 14' WIDTH FOR ONE WAY TRAFFIC AND 20' WIDTH FOR TWO WAY TRAFFIC.

2 SILT FENCE INLET PROTECTION BARRIER (IPB)



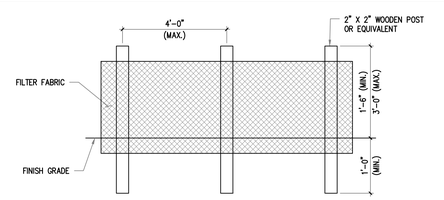
PLAN

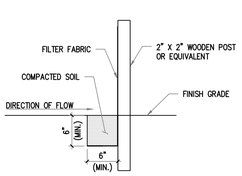
SECTION A–A

CONSTRUCTION NOTES

1. SET 2 INCH BY 2 INCH WOODEN STAKES SPACED A MAX OF 6 FEET APART AND EMBEDDED A MIN OF 12 INCHES.
2. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH STAPLES.
3. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE, WITH TIES SPACED EVERY 24 INCHES AT TOP AND MIDSECTION.
4. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE, WITH TIES SPACED EVERY 24 INCHES AT TOP AND MIDSECTION.
5. MINIMUM HEIGHT OF FILTER SHOULD BE 18 INCHES AND A MAXIMUM OF 36 INCHES ABOVE NATURAL GROUND.
6. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED 6 INCHES AT THE POSTS, AND FOLDED.

1 FILTER FABRIC FENCE (FFF)





NOTES:

1. SET POSTS AT 4-FEET MAXIMUM SPACING. IF FACTORY PREASSEMBLED FENCE WITH SUPPORT NETTING IS USED, SPACING OF POST MAY BE INCREASED TO 8 FEET MAXIMUM
2. WHEN TWO SECTIONS OF FILTER FABRIC ADJOIN EACH OTHER, OVERLAP 6 INCHES AT THE POST, FOLD TOGETHER, AND ATTACH TO THE POSTS.
3. REMOVE SEDIMENT DEPOSITS WHEN SILT DEPTH REACHES ONE-THIRD OF THE HEIGHT OF THE FENCE.

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NORTH: PLAN TRUE

STATE OF TEXAS
DAVID J. HILDEBRANDT
106713
LICENSED
PROFESSIONAL ENGINEER
10/24/25

CLIENT
DRIPPING SPRINGS ISD

DATE	PROJECT NUMBER
10/17/2025	250027

DRAWING HISTORY

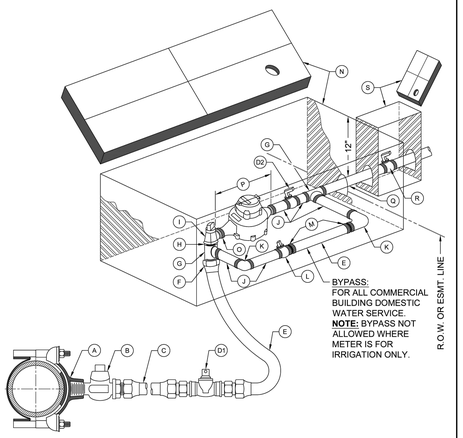
No.	Description	Date

CHECKED BY: DH

DRAWN BY: KT

DETAILS

C 502



CITY OF AUSTIN AUSTIN WATER	1 ½" - 2" METER INSTALLATION SHOWING OPTIONAL BYPASS	
RECORD COPY SIGNED BY KATHI L FLOWERS *05/18/2016* ADOPTED	THE ENGINEER/ARCHITECT ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. MODIFICATIONS TO THIS STANDARD ARE PROHIBITED.	STANDARD NO. 520-AW-04 1 OF 2

MATERIALS LIST:

A. 2" SERVICE CLAMP
B. 2" CORPORATION STOP MALE THREAD INLET BY COMPRESSION OUTLET
C. 2" COPPER WATER SERVICE TUBING EXTENDED BEYOND PAVEMENT
D1. 2" BALL VALVE, SPL WW-275
D2. 2" BALL VALVE, SPL WW-275
E. 2" COPPER SERVICE TUBING
F. 2" BRASS COUPLING - COMPRESSION TO MALE IPT
G. 2" BRASS TEE
H. 2" BRASS CLOSE-NIPPLE
I. 2" ANGLE METER STOP; SERVICE TUBING INLET x FLANGED OUTLET
J. 2" BRASS NIPPLE
K. 2" BRASS ELBOW
L. 2" LOCKABLE CURB STOP - FEMALE IPT INLET BY COMPRESSION OUTLET
M. 2" BRASS COUPLING - SERVICE TUBING TO MALE IPT
N. RECTANGULAR METER BOX AND COVER, SPL WW-145A
O. BRASS ADAPTER (2" x 1 ½") FOR 1 ½" METER ONLY
P. WATER METER. LENGTH 13", (PURCHASED FROM AUSTIN WATER)
Q. 2" COPPER SERVICE TUBING (PRIVATE PLUMBING PER CODE)
R. CUSTOMER CUT-OFF VALVE
S. CUSTOMER VALVE BOX AND LID

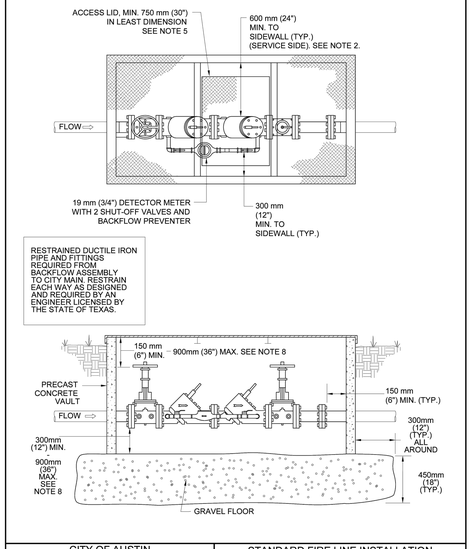
NOTES:

1. SERVICE CLAMP SHALL BE WRAPPED COMPLETELY WITH 8 MIL. POLYETHYLENE FILM.
2. BRANCH CONNECTIONS AND ALL ANGLE METER STOPS MUST BE INSTALLED PRIOR TO ANY METER INSTALLATION.
3. TOP OF BOXES SHOULD BE 1" ABOVE GROUND.
4. PIPING AND TUBING IN STREET RIGHT-OF-WAY SHALL BE BEDDED IN GRANULAR MATERIALS AS REQUIRED BY SECTION 510.3 (14) OF THE CITY OF AUSTIN STANDARD SPECIFICATIONS; BACKFILL ABOVE GRANULAR BEDDING AS REQUIRED BY SECTION 510.3 (25).
5. BOX MUST BE BEHIND CURB NEXT TO PROPERTY LINE OR EASEMENT AND OUT OF VEHICULAR TRAFFIC AREA AND SIDEWALK.
6. BALL VALVE "D1" SHALL NOT BE LOCATED UNDER SIDEWALK, CURB, OR PAVEMENT, AND NOT BE LOCATED MORE THAN 24" HORIZONTALLY FROM METER BOX OR 36" BELOW FINAL GRADE.
7. COPPER SERVICE SHALL BE COPPER TUBING SIZE ANNEALED SEAMLESS TYPE "K" MEETING ASTM B88 WITH NO SWEAT OR SOLDERED JOINTS.

RECLAIMED WATER:

FOR RECLAIMED WATER SERVICES AND METERS, ALL RECLAIMED TUBING SHALL BE MANUFACTURED PURPLE TUBING. ALL OTHER TUBING AND APPURTENANCES SHALL BE MANUFACTURED PURPLE IF AVAILABLE. ALL TUBING AND FITTINGS THAT ARE NOT AVAILABLE FROM THE MANUFACTURER IN PURPLE SHALL BE PAINTED PURPLE PER SPL WW-3C. ALL BURIED DI AND CI PIPE AND FITTINGS SHALL ALSO BE WRAPPED IN PURPLE POLYETHYLENE PER SPL WW-27D. ALL COVERS SHALL HAVE **"RECLAIMED WATER"** CAST INTO THEM.

CITY OF AUSTIN AUSTIN WATER	1 ½" - 2" METER INSTALLATION SHOWING OPTIONAL BYPASS	
RECORD COPY SIGNED BY KATHI L FLOWERS *05/18/2016* ADOPTED	THE ENGINEER/ARCHITECT ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. MODIFICATIONS TO THIS STANDARD ARE PROHIBITED.	STANDARD NO. 520-AW-04 2 OF 2

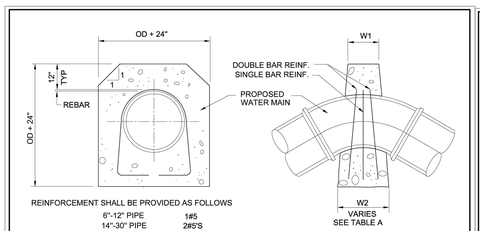


CITY OF AUSTIN WATER AND WASTEWATER UTILITY	STANDARD FIRE LINE INSTALLATION WITHOUT MASTER METER	
RECORD COPY SIGNED BY KATHI L FLOWERS 08/31/2011 ADOPTED	THE ENGINEER/ARCHITECT ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. MODIFICATIONS TO THIS STANDARD ARE PROHIBITED.	STANDARD NO. 520S-19C 1 OF 2

NOTES:

1. ALL BACKFLOW PREVENTION ASSEMBLIES SHALL HAVE LAB AND FIELD APPROVAL FROM THE UNIVERSITY OF SOUTHERN CALIFORNIA FOUNDATION FOR CROSS CONNECTION CONTROL AND HYDRAULIC RESEARCH.
2. ALL TEST PORTS SHALL BE DIRECTED UPWARD AND PLUGGED. TEST PORTS ARE LOCATED ON SERVICE SIDE. PLUGS SHALL BE NON-FERROUS.
3. BACKFLOW PREVENTION ASSEMBLIES SHALL BE INSTALLED IN THE UPRIGHT HORIZONTAL POSITION, UNLESS OTHERWISE APPROVED. BACKFLOW PREVENTION ASSEMBLIES SHALL NOT BE ROTATED ON THEIR AXIS.
4. CLEARANCE SHALL BE AS INDICATED,AND IN THE STANDARD CROSS CONNECTION ORDINANCES AND UCM.
5. ACCESS OPENING MUST BE LARGE ENOUGH TO REMOVE LARGEST PORTION OF BACKFLOW PREVENTER, BUT NOT LESS THAN 750 mm (30") IN LEAST DIMENSION.
6. TEST AND MAINTENANCE REPORT SHALL BE RECEIVED BY AUSTIN WATER UTILITY'S SPECIAL SERVICE DIVISION WITHIN 5 DAYS AFTER BEING INSTALLED.
7. VAULT SHALL NOT BE INSTALLED IN TRAFFIC AREA.
8. VAULT DEPTH MAY NOT EXCEED 1.8m (72"), BOTTOM OF LID TO TOP OF FLOOR.
9. HAND WHEELS SHALL BE HORIZONTALLY LOCATED WITHIN 300mm (12") OF ACCESS OPENING.
10. FOR ACCESS DOORS SEE SPL WW-614 OR APPROVED EQUAL (H20 LOADING REQUIRED).
11. FOR VAULT SEE SPL WW-298 OR APPROVED EQUAL (H20 LOADING REQUIRED).
12. VAULT PIPE WALL VOIDS SHALL BE SEALED WITH NON-SHRINK GROUT OR SEALANT PER SPL WW-146A OR APPROVED EQUAL.
13. THE TOP OF THE METER VAULT SHALL BE AT AN ELEVATION SUCH THAT THE SURROUNDING GROUND SLOPES AWAY FROM THE VAULT. ADDITIONAL DRAINAGE CONSIDERATION SUCH AS CONNECTION OF VAULT TO STORM SEWER, LATERAL DRAIN LINES FROM GRAVEL BED OR OTHER MEANS SHALL BE REQUIRED IF CONDITIONS CAUSE WATER TO COLLECT IN VAULT.

CITY OF AUSTIN WATER AND WASTEWATER UTILITY	STANDARD FIRE LINE INSTALLATION WITHOUT MASTER METER	
RECORD COPY SIGNED BY KATHI L FLOWERS 08/31/2011 ADOPTED	THE ENGINEER/ARCHITECT ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. MODIFICATIONS TO THIS STANDARD ARE PROHIBITED.	STANDARD NO. 520S-19C 2 OF 2



REINFORCEMENT SHALL BE PROVIDED AS FOLLOWS

6"-12" PIPE	1#5
14"-30" PIPE	2#5'S
36"-48" PIPE	2#7'S

VERTICAL DOWN BEND

TABLE A
UPWARD THRUST GRAVITY BLOCKS

PIPE DIA.	MIN. TOP WIDTH W1	ANGLE (degrees)	BOTTOM WIDTH-W2 (in)
6"	6"	0-5	NOTE 2
		5-15	24
		15-25	48
		> 25	NOTE 1
8"	6"	0-5	NOTE 2
		5-9	30
		9-15	36
		>15	NOTE 1
12"	6"	0-5	NOTE 2
		5-15	48
		> 15	NOTE 1
16"	12"	0-5	NOTE 2
		5-10	60
		10-15	96
		> 15	NOTE 1
24" THRU 36" DIA.		>5.0	NOTE 1
42" THRU 48" DIA.		>3.0	NOTE 1

NOTES:

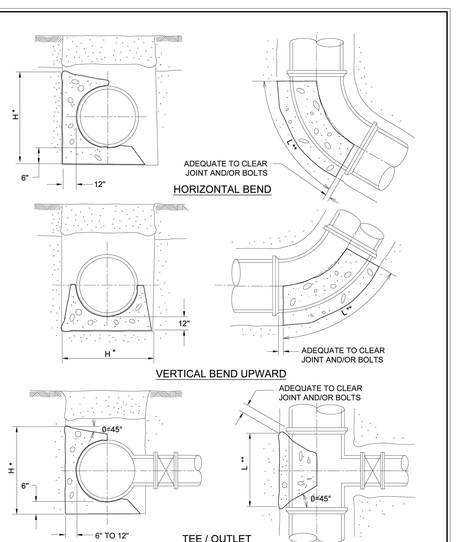
1- FOR ANGLES GREATER THAN THOSE INDICATED RESTRAINED JOINTS SHALL BE INSTALLED

2- FOR JOINT DEFLECTIONS LESS THAN 5 DEGREES, NO HORIZONTAL OR VERTICAL THRUST RESTRAINT IS REQUIRED FOR PIPES LESS THAN 42" IN DIAMETER.

THRUST BLOCK DESIGN AS FOLLOWS
A. PRESSURE OF 150 P.S.I. (ACTUAL IF HIGHER) + 50 % SURGE ALLOWANCE
B. MAXIMIM SOIL BEARING SEE TABLE BELOW

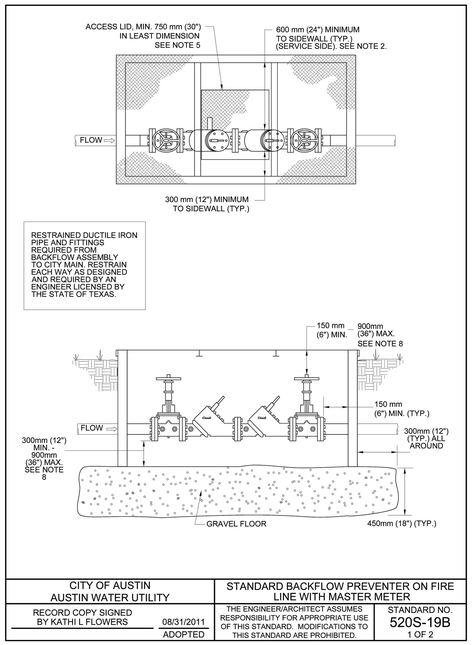
SOIL TYPES	PRESSURE
LOOSE OR SPONGY SOIL	1500 Lb/Sq.Ft.
UNDISTURBED SOIL, CALICHE	2000 Lb/Sq.Ft.
LIMESTONE ROCK	4000 Lb/Sq.Ft.

CITY OF AUSTIN WATER AND WASTEWATER UTILITY	CONCRETE THRUST BLOCKING	
RECORD COPY SIGNED BY JAMES E. THOMPSON 2/11/86 ADOPTED	THE ENGINEER/ARCHITECT ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. MODIFICATIONS TO THIS STANDARD ARE PROHIBITED.	STANDARD NO. 510-6 1 OF 2



* THE DIMENSION FOR "H" MUST BE GREATER THAN DIAMETER OF THE PIPE
** LENGTH "L" ALONG THE BEND MUST BE GREATER THAN "H" AND LESS THAN 2 TIMES "H"

CITY OF AUSTIN WATER AND WASTEWATER UTILITY	CONCRETE THRUST BLOCKING	
RECORD COPY SIGNED BY JAMES E. THOMPSON 2/11/86 ADOPTED	THE ENGINEER/ARCHITECT ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. MODIFICATIONS TO THIS STANDARD ARE PROHIBITED.	STANDARD NO. 510-6 2 OF 2



CITY OF AUSTIN AUSTIN WATER UTILITY	STANDARD BACKFLOW PREVENTER ON FIRE LINE WITH MASTER METER	
RECORD COPY SIGNED BY KATHI L FLOWERS 08/31/2011 ADOPTED	THE ENGINEER/ARCHITECT ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. MODIFICATIONS TO THIS STANDARD ARE PROHIBITED.	STANDARD NO. 520S-19B 1 OF 2

NOTES:

1. ALL BACKFLOW PREVENTION ASSEMBLIES SHALL HAVE LAB AND FIELD APPROVAL FROM THE UNIVERSITY OF SOUTHERN CALIFORNIA FOUNDATION FOR CROSS CONNECTION CONTROL AND HYDRAULIC RESEARCH.
2. ALL TEST PORTS SHALL BE DIRECTED UPWARD AND PLUGGED. TEST PORTS ARE LOCATED ON SERVICE SIDE. PLUGS SHALL BE NON-FERROUS.
3. BACKFLOW PREVENTION ASSEMBLIES SHALL BE INSTALLED IN THE UPRIGHT HORIZONTAL POSITION, UNLESS OTHERWISE APPROVED. BACKFLOW PREVENTION ASSEMBLIES SHALL NOT BE ROTATED ON THEIR AXIS.
4. CLEARANCE SHALL BE AS INDICATED,AND IN THE STANDARD CROSS CONNECTION ORDINANCES AND UCM.
5. ACCESS OPENING MUST BE LARGE ENOUGH TO REMOVE LARGEST PORTION OF BACKFLOW PREVENTER, BUT NOT LESS THAN 750 mm (30") IN LEAST DIMENSION.
6. TEST AND MAINTENANCE REPORT SHALL BE RECEIVED BY AUSTIN WATER UTILITY'S SPECIAL SERVICE DIVISION WITHIN 5 DAYS AFTER BEING INSTALLED.
7. VAULT SHALL NOT BE INSTALLED IN TRAFFIC AREA.
8. VAULT DEPTH MAY NOT EXCEED 1.8m (72"), BOTTOM OF LID TO TOP OF FLOOR.
9. HAND WHEELS SHALL BE HORIZONTALLY LOCATED WITHIN 300mm (12") OF ACCESS OPENING.
10. FOR ACCESS DOORS SEE SPL WW-614 OR APPROVED EQUAL (H20 LOADING REQUIRED).
11. FOR VAULT SEE SPL WW-298 OR APPROVED EQUAL (H20 LOADING REQUIRED).
12. VAULT PIPE WALL VOIDS SHALL BE SEALED WITH NON-SHRINK GROUT OR SEALANT PER SPL WW-146A OR APPROVED EQUAL.
13. THE TOP OF THE METER VAULT SHALL BE AT AN ELEVATION SUCH THAT THE SURROUNDING GROUND SLOPES AWAY FROM THE VAULT. ADDITIONAL DRAINAGE CONSIDERATION SUCH AS CONNECTION OF VAULT TO STORM SEWER, LATERAL DRAIN LINES FROM GRAVEL BED OR OTHER MEANS SHALL BE REQUIRED IF CONDITIONS CAUSE WATER TO COLLECT IN VAULT.

CITY OF AUSTIN AUSTIN WATER UTILITY	STANDARD BACKFLOW PREVENTER ON FIRE LINE WITH MASTER METER	
RECORD COPY SIGNED BY KATHI L FLOWERS 08/31/2011 ADOPTED	THE ENGINEER/ARCHITECT ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. MODIFICATIONS TO THIS STANDARD ARE PROHIBITED.	STANDARD NO. 520S-19B 2 OF 2

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ENGINEERS F-18326
12/12/2025

CLIENT	
DRIPPING SPRINGS ISD	
DATE 11/07/2025	PROJECT NUMBER 250027

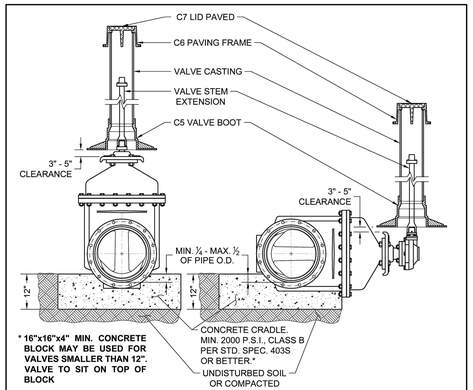
DRAWING HISTORY

No.	Description	Date
1	Addendum 1	12.12.2025

CHECKED BY: DH
DRAWN BY: KT

DETAILS 1

C 503



VERTICAL VALVE

HORIZONTAL VALVE

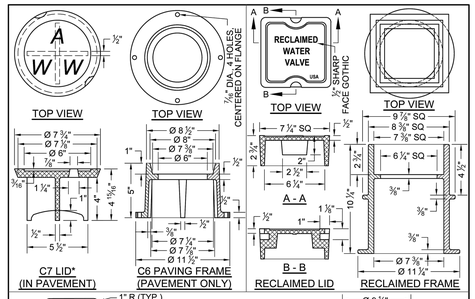
ONLY TO BE USED WHEN CALLED OUT ON THE DRAWINGS.

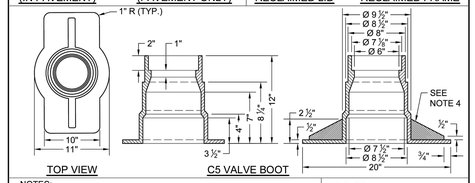
NOTES:

1. WELD SOCKET 2½" x 2" DEEP TO 1" SCH. 40 CARBON STEEL ROUND STEM EXTENSION, FITTED ON OPERATING NUT, [SCH. 80 FOR LENGTHS OVER 10'.]
2. VALVE CASTING SHALL BE 6" DI PIPE WITH BELL OR COLLAR CENTERED OVER VALVE BOOT.
3. NUT AT TOP OF VALVE EXTENSION ROD SHALL BE SQUARE 2" LONG WELDED TO TOP OF ROD.
4. VALVE STEM EXTENSIONS ARE REQUIRED ON ALL VALVES THAT EXCEED 3' DEEP FROM FINISHED GRADE. VALVE EXTENSIONS SHALL BE PLACED SUCH THAT THE EXTENSION NUT IS BETWEEN 12" AND 18" FROM FINISHED GRADE.

RECLAIMED WATER: ALL RECLAIMED PVC PIPE SHALL BE MANUFACTURED PURPLE PIPE. HDPE PIPE SHALL BE MANUFACTURED WITH PURPLE STRIPES. ALL OTHER PIPE AND APPURTENANCES SHALL BE MANUFACTURED PURPLE IF AVAILABLE. ALL PIPE AND FITTINGS THAT ARE NOT AVAILABLE FROM THE MANUFACTURER IN PURPLE SHALL BE PAINTED PURPLE PER SPL WW-3C. ALL BURIED DI AND CI PIPE AND FITTINGS SHALL ALSO BE WRAPPED IN PURPLE POLYETHYLENE PER SPL WW-27D. ALL COVERS SHALL HAVE **"RECLAIMED WATER"** CAST INTO THEM.

CITY OF AUSTIN AUSTIN WATER	TYPICAL GATE VALVE 4" - 16"	
RECORD COPY SIGNED BY KATHI L FLOWERS 05/18/2016 ADOPTED	THE ENGINEER/ARCHITECT ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. MODIFICATIONS TO THIS STANDARD ARE PROHIBITED.	STANDARD NO. 511-AW-01 1 OF 4





NOTES:

1. MATERIAL SHALL BE GRAY CAST IRON, ASTM A48, GRADE 30B.
2. THE MANUFACTURER'S IDENTIFICATION AND CASTING NUMBER, AND THE COUNTRY WHERE CAST, SHALL BE DISTINCTLY CAST ONTO EACH LID, FRAME, COLLAR AND BASE.
3. DRAFT AND SHRINKAGE ALLOWANCE SHALL BE IN ACCORDANCE WITH NORMAL FOUNDRY PRACTICE.
4. CASTING FINISH BY MANUFACTURER SHALL INCLUDE REMOVAL OF FINS AND FLASHING, AND PAINT WITH BLACK ASPHALT COATING.

WEIGHTS:

C7 LID: 13 LBS
RECLAIMED LID: 15 LBS
C6 FRAME: 23 LBS
RECLAIMED FRAME: 33 LBS
C5 BASE: 78 LBS

* LETTERING SHALL BE 1 ½" 2 PICK BAR SLOTS REQUIRED

CITY OF AUSTIN AUSTIN WATER	TYPICAL GATE VALVE 4" - 16"	
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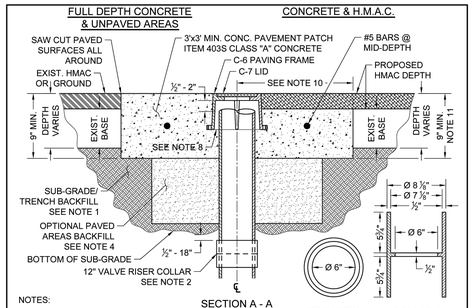
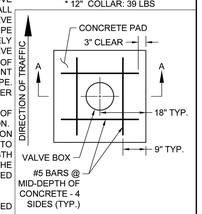


NOTES:

1. SUB-GRADE/TRENCH BACKFILL SHALL BE COMPACTED AS PER ITEM 201S, SUB-GRADE PREPARATION.
2. TO ADJUST VALVE CASTINGS TO FINAL GRADE, REMOVE RISER PIPE BELOW SUB-GRADE AND INSTALL APPROPRIATE LENGTH OF NEW RISER PIPE TO ACHIEVE FINAL GRADE. CONNECT THE TWO PIECES OF RISER PIPE WITH A 6" COLLAR MIN. 12" LENGTH APPROXIMATELY CENTERED ON THE JOINT WITH THE TOP OF SLEEVE LOCATED ½" - 18" BELOW SUB-GRADE. THE INSIDE "LIP" OF COLLAR TO BE PAINTED WITH FLUORESCENT WHITE PAINT OR COVERED WITH FLUORESCENT WHITE TAPE. ALTERNATE: FOR OPTIONAL SINGLE PIECE RISER INSTALLATION SEE SHEET 4 OF 4.
3. CLEAN VALVE BOX OF ALL DEBRIS DOWN TO THE NUT OF THE VALVE; NUT SHALL OPERATE WITH NO OBSTRUCTION.
4. WHERE CASTINGS TO BE REMOVED REQUIRE EXCAVATION GREATER THAN 20" DEEP, CONTRACTOR MAY ELECT TO FILL EXCAVATION WITH CONTROLLED LOW STRENGTH MATERIAL (SPEC. ITEM 402S) TO THE UNDERSIDE OF THE CONCRETE. PAVEMENT PATCH IN LIEU OF COMPACTED BACKFILL.
5. REINFORCING STEEL SHALL MEET SPEC. ITEM 406S.7.
6. NO MORE THAN 2 SECTIONS OF PIPE SHALL BE USED FROM VALVE TO FINAL GRADE.
7. BELL AND SPIGOT IS ACCEPTABLE FOR DEPTH OVER 18'.



CITY OF AUSTIN AUSTIN WATER	TYPICAL GATE VALVE 4" - 16"	
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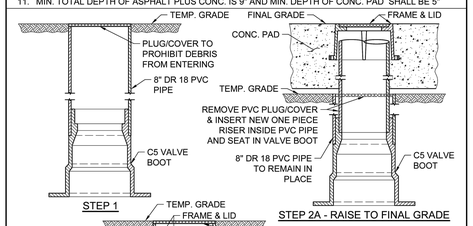
NOTES (CONT'):

8. PAVING FRAME SHALL BE FLUSH WITH THE CONC. PAD AND PLACED ½" - 2" ABOVE RISER PIPE (FRAME SHALL NOT REST ON RISER.)
9. IN UNPAVED AREAS, INSTALL ONE DELINEATOR STAKE IMMEDIATELY ADJACENT TO THE EDGE OF THE CONCRETE PAD. DELINEATOR SHALL BE BLUE FOR POTABLE WATER AND PURPLE FOR RECLAIMED WATER AND SHALL EXTEND AT LEAST 60" ABOVE GROUND. DELINEATORS SHALL HAVE 2" WIDE, WHITE IN COLOR, TYPE I REFLECTIVE TAPE MOUNTED DIAGONALLY AT 12" SPACING ON BOTH SIDES.
10. VALVE SHALL TYPICALLY BE CENTERED IN CONCRETE DIAMOND BUT MAY BE OFFSET WITH A MIN. OF 12" FROM CENTER OF VALVE LID TO EDGE OF CONCRETE IN ALL DIRECTIONS.
11. MIN. TOTAL DEPTH OF ASPHALT PLUS CONC. IS 9" AND MIN. DEPTH OF CONC. PAD SHALL BE 5"



OPTIONAL ONE PIECE VALVE CASTING INSTALLATION

CITY OF AUSTIN AUSTIN WATER	TYPICAL GATE VALVE 4" - 16"	
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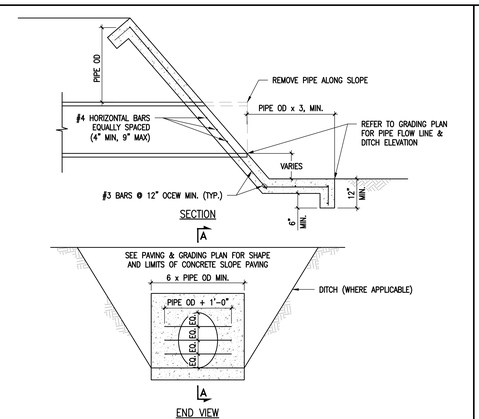
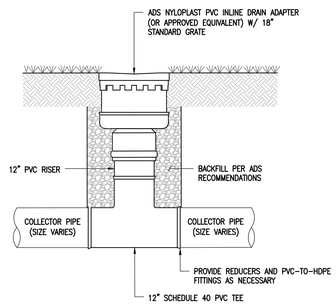
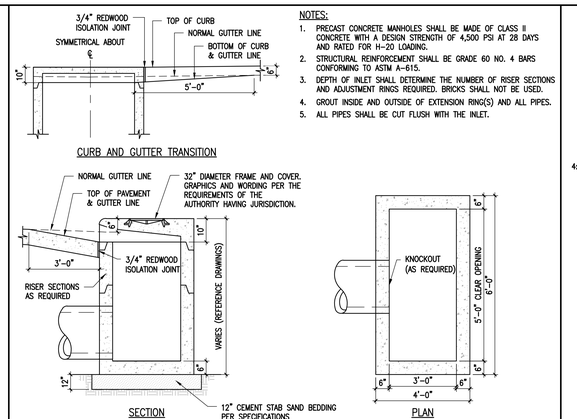


8 | CONCRETE SLOPE PAVEMEMT



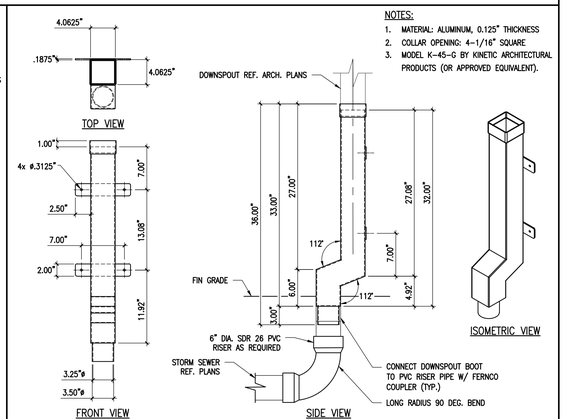
7 | INLINE DRAIN (18 INCH)



NOTES:

1. PRECAST CONCRETE MANHOLES SHALL BE MADE OF CLASS II CONCRETE WITH A DESIGN STRENGTH OF 4,500 PSI AT 28 DAYS AND RATED FOR H-20 LOADING.
2. STRUCTURAL REINFORCEMENT SHALL BE GRADE 60 NO. 4 BARS CONFORMING TO ASTM A-615.
3. DEPTH OF INLET SHALL DETERMINE THE NUMBER OF RISER SECTIONS AND ADJUSTMENT RINGS REQUIRED. BRICKS SHALL NOT BE USED.
4. GROUT INSIDE AND OUTSIDE OF EXTENSION RING(S) AND ALL PIPES.
5. ALL PIPES SHALL BE CUT FLUSH WITH THE INLET.

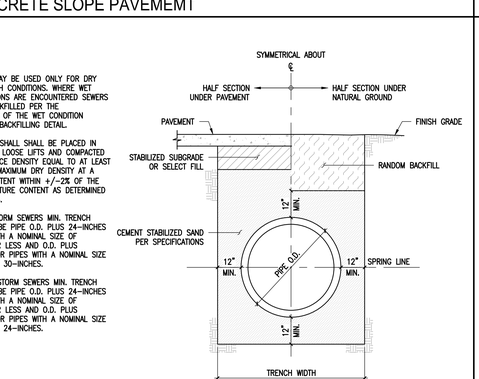
6 | TYPE "C" STORM SEWER INLET



NOTES:

1. MATERIAL: ALUMINUM, 0.125" THICKNESS
2. COLLAR OPENING: 4-1/16" SQUARE
3. MODEL K-45-G BY KINETIC ARCHITECTURAL PRODUCTS (OR APPROVED EQUIVALENT).

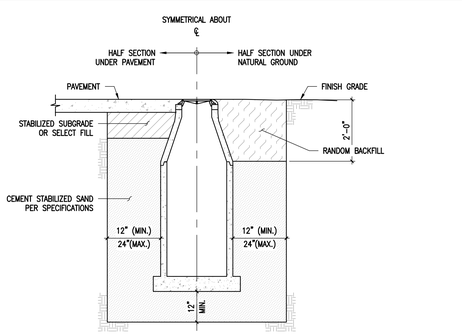
5 | DOWNSPOUT BOOT



NOTES:

1. THIS DETAIL MAY BE USED ONLY FOR DRY STABLE TRENCH CONDITIONS. WHERE WET SAND CONDITIONS ARE ENCOUNTERED SEWERS SHALL BE BACKFILLED PER THE REQUIREMENTS OF THE WET CONDITION BEDDING AND BACKFILLING DETAIL.
2. ALL BACKFILL SHALL SHALL BE PLACED IN 8-INCH THICK LOOSE LIFTS AND COMPACTED TO AN IN-PLACE DENSITY EQUAL TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY AT A MOISTURE CONTENT WITHIN +/-2% OF THE OPTIMUM MOISTURE CONTENT AS DETERMINED BY ASTM D698.
3. FOR R.C.P. STORM SEWERS MIN. TRENCH WIDTH SHALL BE PIPE O.D. PLUS 24-INCHES FOR PIPES WITH A NOMINAL SIZE OF 30-INCHES OR LESS AND O.D. PLUS 36-INCHES FOR PIPES WITH A NOMINAL SIZE GREATER THAN 30-INCHES.
4. FOR H.D.P.E. STORM SEWERS MIN. TRENCH WIDTH SHALL BE PIPE O.D. PLUS 24-INCHES FOR PIPES WITH A NOMINAL SIZE OF 24-INCHES OR LESS AND O.D. PLUS 36-INCHES FOR PIPES WITH A NOMINAL SIZE GREATER THAN 24-INCHES.

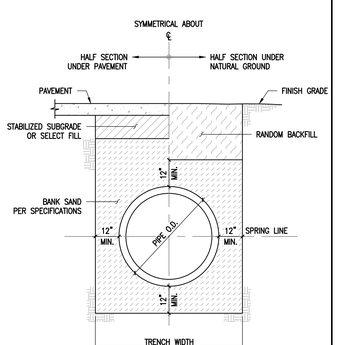
4 | STORM SEWER BEDDING AND BACKFILL



NOTES:

1. THIS DETAIL MAY BE USED ONLY FOR BEDDING AND BACKFILLING OF MANHOLES, INLETS AND OTHER STRUCTURES IN DRY STABLE TRENCH CONDITIONS. WHERE WET SAND CONDITIONS ARE ENCOUNTERED STRUCTURES SHALL BE BACKFILLED PER THE REQUIREMENTS OF THE WET CONDITION BEDDING AND BACKFILLING DETAIL.
2. ALL BACKFILL SHALL SHALL BE PLACED IN 8-INCH THICK LOOSE LIFTS AND COMPACTED TO AN IN-PLACE DENSITY EQUAL TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY AT A MOISTURE CONTENT WITHIN +/-2% OF THE OPTIMUM MOISTURE CONTENT AS DETERMINED BY ASTM D698.

3 | STORM SEWER STRUCTURE BEDDING AND BACKFILL



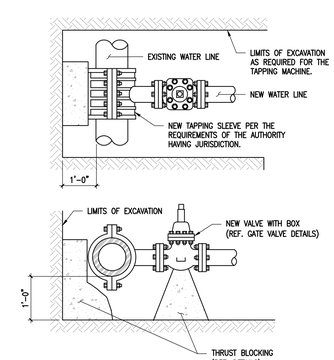
NOTES:

1. THIS DETAIL MAY BE USED ONLY FOR DRY STABLE TRENCH CONDITIONS. WHERE WET SAND CONDITIONS ARE ENCOUNTERED SEWERS SHALL BE BACKFILLED PER THE REQUIREMENTS OF THE WET CONDITION BEDDING AND BACKFILLING DETAIL.
2. ALL BACKFILL SHALL SHALL BE PLACED IN 8-INCH THICK LOOSE LIFTS AND COMPACTED TO AN IN-PLACE DENSITY EQUAL TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY AT A MOISTURE CONTENT WITHIN +/-2% OF THE OPTIMUM MOISTURE CONTENT AS DETERMINED BY ASTM D698.
3. MIN. TRENCH WIDTH SHALL BE PIPE O.D. PLUS 24-INCHES FOR PIPES WITH A NOMINAL SIZE OF 30-INCHES OR LESS AND O.D. PLUS 36-INCHES FOR PIPES WITH A NOMINAL SIZE GREATER THAN 30-INCHES.

2 | WATER LINE BEDDING & BACKFILL

NOTES:

1. TAPPING VALVES ARE NOT ALLOWED WHEN TAP IS SAME SIZE AS THE EXISTING MAIN EXCEPT WHEN APPROVED BY THE AUTHORITY HAVING JURISDICTION.



1 | WATER TAPPING SLEEVE AND VALVE

PBK
www.pbk.com
TX FIRM: BR 1608
AUSTIN, TX
512-340-0676

DSISD 18+ BUILDING

14451 SAWYER RANCH RD.
AUSTIN, TX 78737
ISSUE FOR PERMIT AND CONSTRUCTION

DRIPPING SPRINGS INDEPENDENT SCHOOL DISTRICT ESTABLISHED 1970

A

KEY PLAN

NORTH: PLAN TRUE

TRACE C. CRYER
143668
LICENSED PROFESSIONAL ENGINEER
STATE OF TEXAS

DIG ENGINEERS F-18326

12/12/2025

CLIENT	
DRIPPING SPRINGS ISD	
DATE 11/07/2025	PROJECT NUMBER 250027

DRAWING HISTORY

No.	Description	Date
1	Addendum 1	12.12.2025

CHECKED BY: DH

DRAWN BY: KT

DETAILS

1

C 504

ATTACHMENT N:

INSPECTION SCHEDULE AND MAINTENANCE PLAN PERMANENT BEST MANAGEMENT PRACTICE

PROJECT NAME: **Dripping Springs ISD New Elementary & Middle School**

Sand Filter System (SFS):

Inspections: BMP facilities must be inspected at least twice a year (once during or immediately following wet weather) to evaluate facility operation. During the first year of operation, facilities must be inspected on a quarterly basis and after large storms. During each inspection, erosion areas inside and downstream of the BMP must be identified and repaired or revegetated immediately. With each inspection, any damage to the structural elements of the system (pipes, concrete drainage structures, retaining walls, etc.) must be identified and repaired immediately. Cracks, voids and undermining should be patched/filled to prevent additional structural damage. Trees and root systems should be removed or eliminated by appropriate herbicide to prevent growth in cracks and joints that can cause structural damage.

Sediment Removal: Remove sediment from the inlet structure and sedimentation chamber when sediment buildup reaches a depth of 6 inches or when the proper functioning of the inlet and outlet structures is impaired. Sediment should be cleared from the inlet structure at least every year and from the sedimentation basin at least every 5 years.

Media Replacement: Maintenance of the filter media is necessary when the drawdown time exceeds 48 hours. When this occurs, the upper layer of sand should be removed and replaced with new material meeting the original specifications. Any discolored sand should also be removed and replaced. If filters have been regularly maintained, this should be limited to the top 2 to 3 inches.

Debris and Litter Removal: Debris and litter will accumulate near the sedimentation basin outlet device and should be removed during regular mowing operations and inspections. Particular attention should be paid to floating debris than can eventually clog the control device or riser.

Filter underdrain: Clean underdrain piping network to remove any sediment buildup as needed to maintain design drawdown time.

Mowing: Grass areas in and around sand filters must be mowed at least twice annually to limit vegetation height to 18 inches. Vegetation on the pond embankments should be mowed as appropriate to prevent the establishment of woody vegetation.

Responsible Party: Elaine Cogburn

Entity: Dripping Springs ISD New Elementary & Middle School
Mailing Address: 1000 Sawyer Ranch Road
City, State: Dripping Springs, Texas Zip: 78620
Telephone: 512-858-3000

Elaine Cogburn

Signature of Responsible Party:

12.12.2025

Date:

ATTACHMENT P – Measures for Minimizing Surface Stream Contamination

In order to avoid or minimize surface stream contamination, storm water runoff from the site will be routed to the proposed partial sedimentation and filtration water quality ponds designed in accordance with TCEQ's RG-348. The improvements are not expected to change the way water enters surface streams

TSS Removal Calculations
(Optional Enhanced Measures, RG-348 Appendix A)

1. The required Load Reduction for the Total Project: Calculations from RG-348, Appendix A Pages A-20 to A-24

Page A-21 Equation 4.3: $L = 27.7 (A \times P)$

where

L = Total required TSS removal (pounds) from total project area
A = Impervious Area (acres)
P = Average annual precipitation (inches)

County =	Hays	
Total project area included in plan =	50.554	acres
Total impervious area =	19.172	acres
Total post-development impervious cover fraction =	0.38	
P =	33	inches/year

REQUIRED L = 17,525 lbs

2. Number of drainage basins / outfalls areas leaving the plan area: 2

3. BMP's chosen for drainage basin(s)

Proposed BMP =	Sand Filter	
Removal Efficiency =	89	Percent

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

Page A-22 Equation 4.5: $L_R = (\text{BMP Efficiency}) \times P \times (A_I \times 34.6 + A_P \times 0.54)$

where

L_R = Maximum available load removed by BMP
BMP Efficiency = TSS removal efficiency (expressed as a decimal fraction)
A_I = Impervious Cover in basin to BMP (acres)
A_P = Pervious Cover in basin to BMP (acres)
P = Averal annual precipitation (inches)
= 33 inches/year

For Basin 'A':	A_I =	8.836	acres
	A_P =	5.999	acres
	L_R =	**9,074**	**lbs**
For Basin 'B':	A_I =	9.097	acres
	A_P =	5.464	acres
	L_R =	**9,331**	**lbs**
Total Available Load Removal in Basins 'A' and 'B':	**L_R =**	**18,405**	**lbs**

5. Calculate Fraction of Annual Runoff to Treat the Plan Area

Desired L_M this Plan = 17,525 lbs

Page A-23 Equation 4.6: $F = L / \sum L_R$

where

F = Fraction of the annual rainfall treated by the BMP

L_R = Available load reduction from each BMP above

L = Required Project Load Reduction

F = 0.952

6. Calculate Capture Volume Required by the BMP Type in Each Drainage Basin

Page A-23 Equation 4.7: WQV = Rainfall Depth x R_V x A

where

WQV = Water Quality Volume

Rainfall Depth = 1.874 Inches (based on Fraction of annual rainfall treated by BMP

R_V = Runoff Coefficient

Page A-23 Equation 4.8: R_V = 0.05 + 0.0085 (% I.C. in the drainage basin)

A = Area of drainage basin to the BMP

For Basin 'A':	% I.C. =	59.56	%
	R_V =	0.55628	
	A =	14.835	acres
	On-site Water Quality Volume =	56138	cubic feet
	Storage for Sediment =	11228	cubic feet
Total Capture Volume (WQV + Sed Storage) =		**67366**	**cubic feet**

For Basin 'B':	% I.C. =	62.48	%
	R_V =	0.58104	
	A =	14.561	acres
	On-site Water Quality Volume =	57554	cubic feet
	Storage for Sediment =	10372	cubic feet
	Total Capture Volume (WQV + Sed Storage) =	**67926**	**cubic feet**

9. Filter area for Sand Filters

For Basin 'A':

9A. Partial Sedimentation and Filtration System

Water Quality Volume for Combined Basins =	67366	cubic feet	
Minimum filter basin area =	5,614	square feet	
Maximum sedimentation basin =	22455	square feet	For minimum depth of 2 feet
Minimum sedimentation basin area =	1404	square feet	For Maximum depth of 8 feet

For Basin 'B':

9B. Partial Sedimentation and Filtration System

Water Quality Volume for Combined Basins =	67926	cubic feet	
Minimum filter basin area =	5,186	square feet	
Maximum sedimentation basin =	23591	square feet	For minimum depth of 2 feet
Minimum sedimentation basin area =	1297	square feet	For Maximum depth of 8 feet

STORMWATER QUALITY CALCULATIONS
BASIN 'A': PARTIAM SEDIMENTATION

DRAINAGE AREA DATA

	Total Area	Impervious Cover
Total	646184 sf	384878 sf

Impervious Cover 59.56 %

Rainfall Depth (per TCEQ Enhanced Treatment Calcs) = 1.874 inches
Runoff Coeff (per TCEQ Enhanced Treatment Calcs) = 0.556

WATER QUALITY CONTROL CALCULATIONS

The Water Quality Control is to be **PARTIAL** sedimentation/filtration

Site Area Draining to Pond		14.835 ac
Total Area Draining to Pond		14.835 ac
Design Flow Rate	Q100	138.5 cfs
	Q25	102.0 cfs

	Required	Provided	
Water Quality Volume (cf) (WQV=R_D x R_V x DA)	56138	---	
Storage for Sediment (cf)	11228	---	
Total Capture Volume (cf)	67366	85386	cf
Filtration Pond Area (WQV/10) (sf)	5614	7848	sf

Water Quality Elevation (ft)	1148.19	
Elevation of Splitter/Overflow Weir (>WQ elev) (ft)	1149.00	
Height of Gabion Wall (WQ elev - 0.5') (ft)	1148.50	
Length of Splitter Weir	72	ft
Weir Coefficient	3.00	
Required Head to Pass Q100	0.74	
Pond Freeboard Provided	1.51	

STAGE	SEDIMENTATION		FILTRATION		TOTAL	
(elev)	Surface Area (ft2)	Volume (ft3)	Surface Area (ft2)	Volume (ft3)	Volume (ft3)	
1144.00	0	0	7848	0	0	
1144.25	0	0	7956	1976	1976	
1145.00	3876	1454	8280	8064	9518	
1146.00	8439	7611	8712	16560	24171	
1147.00	10713	17187	9143	25488	42675	
1148.00	11780	28434	9573	34846	63279	
1148.19	11984	30693	9655	36674	67366	WQ elev
1149.00	12854	40751	10004	44634	85385	Weir Elev
1150.00	13944	54150	10433	54853	109002	
1151.00	15075	68659	10863	65501	134160	
1151.25	15381	72466	10971	68230	140696	Top of Box

Size splitter openings to pass Q25 where $Q=CA(2gH)^{0.5}$

For Q_{25} =	102.0	cfs
Orifice Coefficient, C =	0.6	
Open Area (A) = 2'x1' openings x 9, A =	16.0	sf
Required H to pass Q25 through openings, H =	1.75	ft
Available H in splitter box (to top of weir), H =	2.50	ft

Calculations for outlet orifice size:

Average Drawdown Flow (Total Pond Volume / 48 hours) Q =	0.4941	cfs
Average Available H for Drawdown Flow H =	2.50	ft
Required Orifice Area based on Orifice Eq. A =	0.0649	sf
Required Minimum Orifice Diameter D =	3.4496	in
Provided Diameter of Orifice in PVC Pipe Cap D =	3.50	in

STORMWATER QUALITY CALCULATIONS
BASIN 'B': PARTIAM SEDIMENTATION

DRAINAGE AREA DATA

	Total Area	Impervious Cover
Total	634,256 sf	396,264 sf

Impervious Cover 62.48 %

Rainfall Depth (per TCEQ Enhanced Treatment Calcs) = 1.874 inches
Runoff Coeff (per TCEQ Enhanced Treatment Calcs) = 0.581

WATER QUALITY CONTROL CALCULATIONS

The Water Quality Control is to be **PARTIAL** sedimentation/filtration

Site Area Draining to Pond		14.561	ac
Total Area Draining to Pond		14.561	ac
Design Flow Rate	Q100	128.3	cfs
	Q25	94.4	cfs

	Required	Provided	
Water Quality Volume (cf) (WQV=R_D x R_V x DA)	57554	---	
Storage for Sediment (cf)	10372	---	
Total Capture Volume (cf)	67926	79077	cf
Filtration Pond Area (WQV/10) (sf)	5755	7949	sf

Water Quality Elevation (ft)	1127.57	
Elevation of Splitter/Overflow Weir (>WQ elev) (ft)	1128.50	
Height of Gabion Wall (WQ elev - 0.5') (ft)	1128.00	
Length of Splitter Weir	76	ft
Weir Coefficient	3.00	
Required Head to Pass Q100	0.68	
Pond Freeboard Provided	1.57	

STAGE	SEDIMENTATION		FILTRATION		TOTAL	
(elev)	Surface Area (ft2)	Volume (ft3)	Surface Area (ft2)	Volume (ft3)	Volume (ft3)	
1124.00	0	0	7949	0	0	
1124.25	0	0	8055	2001	2001	
1125.00	4742	1778	8372	8161	9939	
1126.00	9354	8826	8792	16743	25569	
1127.00	11900	19453	9208	25743	45196	
1127.50	12576	25572	9415	30398	55971	
1127.57	12670	26470	9444	31064	57554	WQ elev
1127.78	12956	29166	9532	33066	62232	
1128.00	13251	32029	9622	35158	67186	
1128.50	13953	39005	9829	40072	79077	Weir Elev
1129.00	14655	45982	10035	44986	90968	
1130.00	16700	61659	10448	55228	116887	
1130.25	17282	65942	10551	57852	123795	Top of Box

Size splitter openings to pass Q25 where $Q=CA(2gH)^{0.5}$

For Q_{25} =	94.4	cfs
Orifice Coefficient, C =	0.6	
Open Area (A) = 2'x1' openings x 9, A =	16.0	sf
Required H to pass Q25 through openings, H =	1.5	ft
Available H in splitter box (to top of weir), H =	2.50	ft

Calculations for outlet orifice size:

Average Drawdown Flow (Total Pond Volume / 48 hours)	Q =	0.4576	cfs
Average Available H for Drawdown Flow	H =	2.00	ft
Required Orifice Area based on Orifice Eq.	A =	0.0571	sf
Required Minimum Orifice Diameter	D =	3.2356	in
Provided Diameter of Orifice in PVC Pipe Cap	D =	3.25	in

TCEQ-0585: GEOLOGIC ASSESSMENT

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

REGULATED ENTITY NAME: 49-Acre Tract, Sawyer Ranch Road, Dripping Springs, Texas

TYPE OF PROJECT: ___ WPAP __ AST __ SCS __ UST

LOCATION OF PROJECT: __ Recharge Zone _ Transition Zone __ Contributing Zone within the Transition Zone

PROJECT INFORMATION

1. _X_ Geologic or manmade features are described and evaluated using the attached **GEOLOGIC ASSESSMENT TABLE**.

2. Soil cover on the project site is summarized in the table below and uses the SCS Hydrologic Soil Groups* (*Urban Hydrology for Small Watersheds, Technical Release No. 55, Appendix A*, Soil Conservation Service, 1986). If there is more than one soil type on the project site, show each soil type on the site Geologic Map or a separate soils map.

Soil Units, Infiltration Characteristics & Thickness		
Soil Name	Group*	Thickness (feet)
Bracket Rock Outcrop-Comfort Series (BtD)	C	1-2
Bracket Rock Outcrop-Real Series (BtG)	C	1-2

* Soil Group Definitions (Abbreviated)

A. Soils having a high infiltration rate when thoroughly wetted.

B. Soils having a moderate infiltration rate when thoroughly wetted.

C. Soils having a slow infiltration rate when thoroughly wetted.

D. Soils having a very slow infiltration rate when thoroughly wetted.

3. _X_ A **STRATIGRAPHIC COLUMN** is attached at the end of this form that shows formations, members, and thicknesses. The outcropping unit should be at the top of the stratigraphic column.

4. _X_ A **NARRATIVE DESCRIPTION OF SITE SPECIFIC GEOLOGY** is attached at the end of this form. The description must include a discussion of the potential for fluid movement to the Edwards Aquifer, stratigraphy, structure, and karst characteristics of the site.

5. _X_ Appropriate **SITE GEOLOGIC MAP(S)** are attached:

The Site Geologic Map must be the same scale as the applicant's Site Plan. The minimum scale is 1" : 400'

Applicant's Site Plan Scale	1" = ____ '
Site Geologic Map Scale	1" = 400'
Site Soils Map Scale (if more than 1 soil type)	1" = 1,850'

6. Method of collecting positional data:
   _X_ Global Positioning System (GPS) technology.
   __ Other method(s).

7. X The project site is shown and labeled on the Site Geologic Map.

8. X Surface geologic units are shown and labeled on the Site Geologic Map.

9. __ Geologic or manmade features were discovered on the project site during the field investigation. They are shown and labeled on the Site Geologic Map and are described in the attached Geologic Assessment Table.

X Geologic or manmade features were not discovered on the project site during the field investigation.

10. __ The Recharge Zone boundary is shown and labeled, if appropriate.

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

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

* The well is currently in use, and will be plugged during site redevelopment.

__ The wells are not in use and have been properly abandoned.
__ The wells are not in use and will be properly abandoned.
__ The wells are in use and comply with 16 TAC Chapter 76.

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

ADMINISTRATIVE INFORMATION

12. 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. The copies must be submitted to the appropriate regional office.

Date(s) Geologic Assessment was performed: February 13, 2015
Date(s)

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

STATE OF TEXAS
Russell C. Ford
GEOLOGY
#1185
LICENSED
PROFESSIONAL GEOSCIENTIST

Russell Ford, P.G.
Print Name of Geologist

512-442-1122
Telephone

512-442-1181
Fax

Signature of Geologist

2/19/15
Date

Representing: Terracon Consultants, Inc.
(Name of Company)

If you have questions on how to fill out this form or about the Edwards Aquifer protection program, please contact us at 210/490-3096 for projects located in the San Antonio Region or 512/339-2929 for projects located in the Austin Region.

Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 512/239-3282.

Terracon

SITE-SPECIFIC GEOLOGY

The Geologic Assessment (GA) of the 49-acre Tract was performed by Mr. Russell C. Ford, P.G., of Terracon on February 13, 2015. The site consists of approximately 49 acres of naturally vegetated, undeveloped land located off of sawyer Ranch Road, just south of Highway 290 in Dripping Springs, Texas. The site consists of undeveloped, ranch property. Exhibit 1 (attached) is a site location map depicting the site in relation to the surrounding area. The site is vegetated with mostly native grasses and areas with scattered to dense hardwoods, mostly Ashe Juniper and Live Oak. The areas immediately surrounding the site are a combination of undeveloped and residential properties. The site is characterized as gently sloping to the east. Site elevation ranges from about 1200 feet above mean sea level (msl) to about 1040 feet msl.

The Geologic Site Map is provided as Exhibit 2. The site is located outside of the recharge zone of the Edwards aquifer. The surficial geologic unit present at the site has been identified as the Glen Rose Formation. The Glen Rose Formation forms the lower confining unit to the Edwards aquifer and consists of a yellowish-tan, thinly bedded limestone and marl. The upper member of the Glen Rose consists of shale and marl alternating with thin beds of limestone and dolomite. This alternating bedding of limestone and marl forms the typical stair-step topography observed in outcrops in the area and on the site. Thicknesses of about 350 to 400 feet are present in the area. Table 1 (attached) is a stratigraphic column prepared for the site. The upper 100 feet is typically heavily weathered and contains abundant porous soft dolomite and burrowed limestone resulting in gentle slopes and many springs. The dolomitic portions of the upper member contain water and make up part of the upper Trinity aquifer. The completed Geologic Assessment form is attached.

Surface exposure onsite of the Glen Rose is generally obscured by the presence of soil cover and vegetation. Several scattered small limestone outcroppings were observed throughout the site. No evidence of any faulting was observed on the site and none is shown on any of the available published geologic maps of the area. Additionally, a review of aerial photographs did not reveal any lineations, which typically indicate the presence of faulting. No caves, sinkholes, or significant solution cavities were observed on the site. The closest mapped fault is located approximately 6 miles southwest of the site. The fault trends toward the northeast and is associated with the Balcones fault zone, which is comprised of en echelon, normal, high-angle faults, that are generally down thrown to the southeast and represents the dominant structural trend of the area.

No sensitive geologic features, as defined in the TCEQ's instructions to geologists, were observed on the site. Since the site is not located within the recharge zone of the Edwards Aquifer, there is no potential for any recharge to the Edwards Aquifer beneath the site.

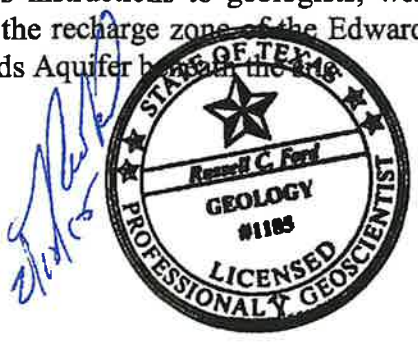
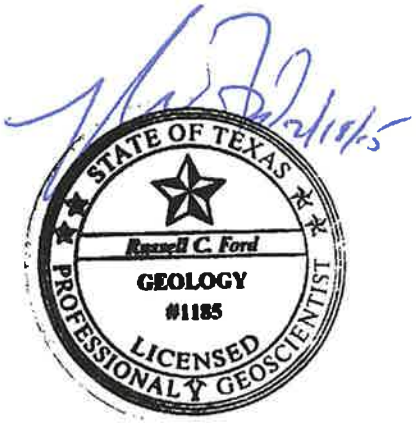


TABLE 1

Stratigraphic Column
49-Acre Tract
Sawyer Ranch Road
Dripping Springs, Texas

HYDROGEOLOGIC SUBDIVISION	FORMATION	THICKNESS (feet)	LITHOLOGY
Lower confining unit	Glen Rose Limestone	380	Dolomitic limestone interbedded with marl in alternating resistant and recessive beds

Source: Geologic Atlas of Texas, Llano Sheet



No Recharge Features Observed

GEOLOGIC ASSESSMENT TABLE			PROJECT NAME: 49-Acre Tract, Sawyer ranch Road, Dripping Springs, Texas																
LOCATION			FEATURE CHARACTERISTICS											EVALUATION			PHYSICAL SETTING		
1A	1B *	1C*	2A	2B	3	4			5	5A	6	7	8A	8B	9	10		11		12
FEATURE ID	LATITUDE	LONGITUDE	FEATURE TYPE	POINTS	FORMATION	DIMENSIONS (FEET)			TREND (DEGREES)	DOM	DENSITY (NO/FT)	APERTURE (FEET)	INFILL	RELATIVE INFILTRATION RATE	TOTAL	SENSITIVITY		CATCHMENT AREA (ACRES)		TOPOGRAPHY
						X	Y	Z		10						<40	>40	<1.6	>1.6	

* DATUM NAD27

2A TYPE	TYPE	2B POINTS
C	Cave	30
SC	Solution cavity	20
SF	Solution-enlarged fracture(s)	20
F	Fault	20
O	Other natural bedrock features	5
MB	Manmade feature in bedrock	30
SW	Swallow hole	30
SH	Sinkhole	20
CD	Non-karst closed depression	5
Z	Zone, clustered or aligned features	30

8A INFILLING	
N	None, exposed bedrock
C	Coarse - cobbles, breakdown, sand, gravel
O	Loose or soft mud or soil, organics, leaves, sticks, dark colors
F	Fines, compacted clay-rich sediment, soil profile, gray or red colors
V	Vegetation. Give details in narrative description
FS	Flowstone, cements, cave deposits
X	Other materials

12 TOPOGRAPHY
Cliff, Hilltop, Hillside, Drainage, Floodplain, Streambed

I have read, I understood, and I have followed the Texas Natural Resource Conservation Commission's Instructions to Geologists. The information presented here complies with that document and is a true representation of the conditions observed in the field.

My signature certifies that I am qualified as a geologist as defined by 30 TAC 213

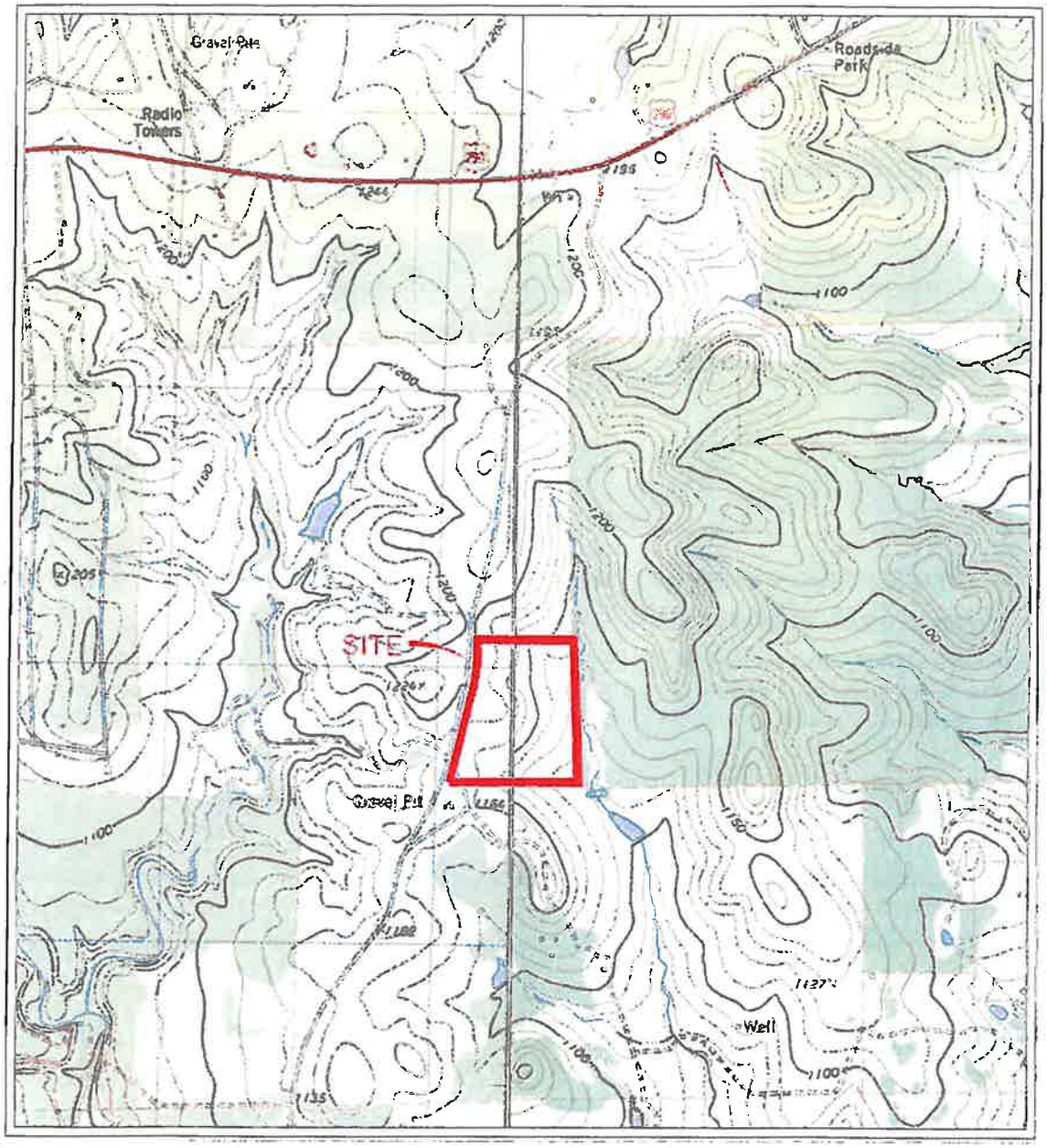
Date 2/18/15

TNRCC-0585-Table (Rev. 5-1-02)

Sheet 1 of 1

STATE OF TEXAS
Russell C. Ford
GEOLOGY
#1185
LICENSED PROFESSIONAL GEOSCIENTIST

UNITED STATES – DEPARTMENT OF THE INTERIOR – GEOLOGICAL SURVEY



SCALE 1:24,000

1 .5 0 KILOMETERS 1 2

1000 0 METERS 1000 2000

1 .5 0 1

MILES

1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

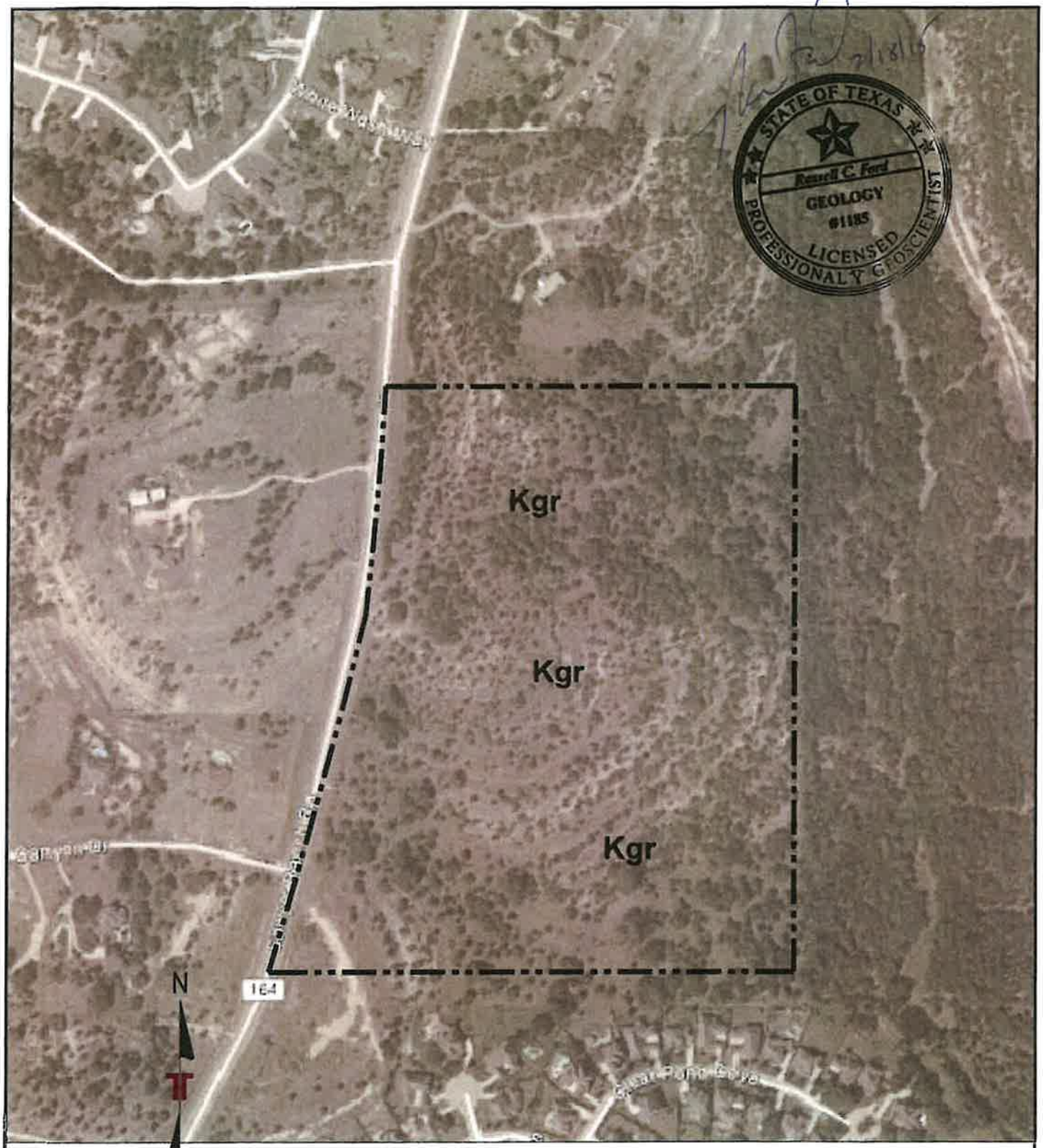
CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

Dripping Springs, Texas
30098-B1-TF-024
1986
7.5 MINUTE SERIES (TOPOGRAPHIC)

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

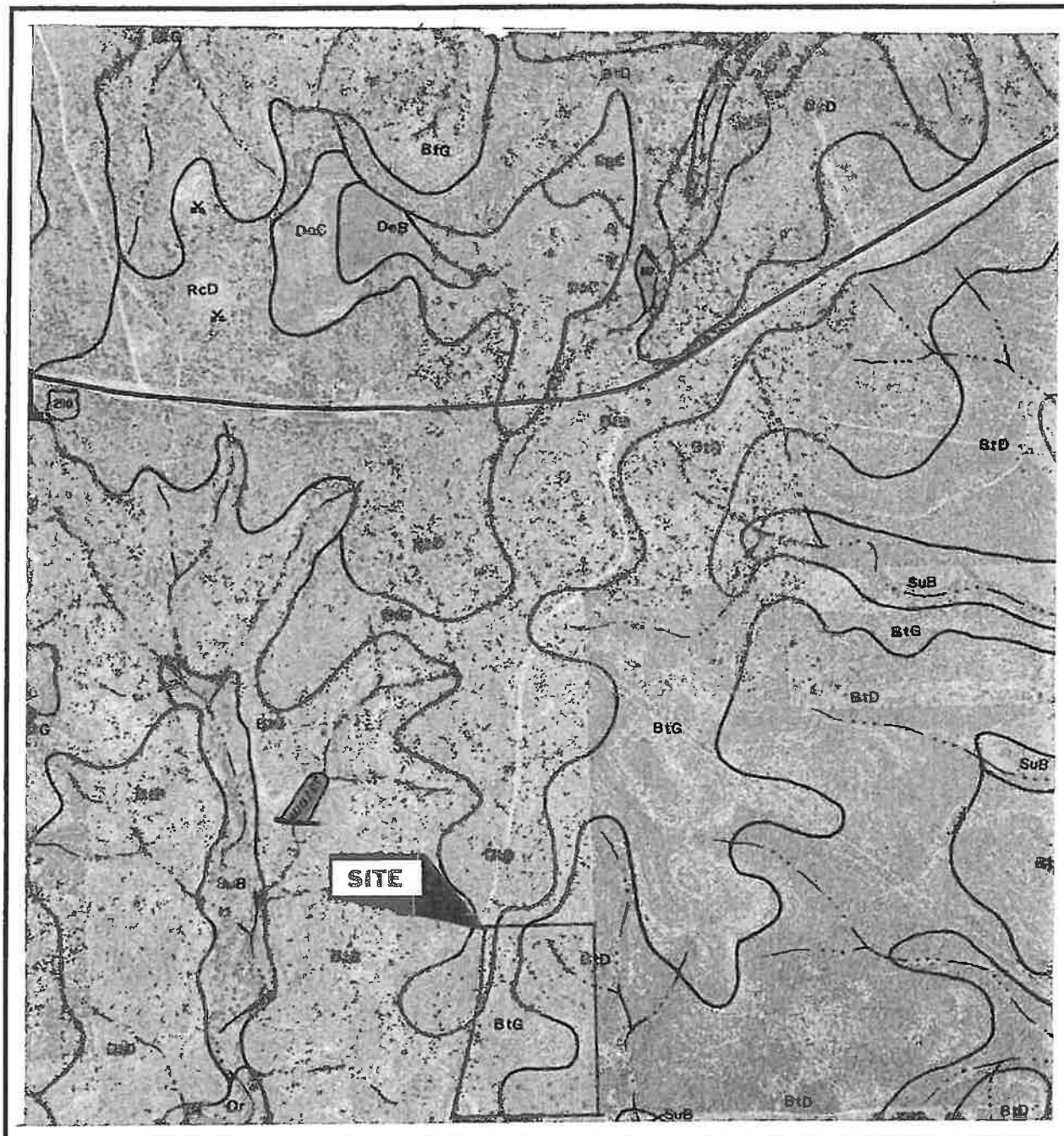
Signal Hill, Texas
30097-B8-TF-024
1986
7.5 MINUTE SERIES (TOPOGRAPHIC)

Project Mngr: KLB	Project No. 96077141	Terracon Consulting Engineers and Scientists	SITE LOCATION MAP	FIG. No.
Drawn By: Austin CAD	Scale: AS SHOWN	5307 INDUSTRIAL OAKS BLVD - #160 AUSTIN, TEXAS 78735	49.1 Acre Tract	1
Checked By: KLB	File No. 96077141	PH. (512) 442-1122 FAX. (512) 442-1161	Sawyer Ranch Road	
Approved By: BSM	Date: February 22, 2011		Dripping Springs, Hays County, Texas	



Project Mngr: RF	Project No. 96157071	Terracon Consulting Engineers and Scientists	SITE GEOLOGIC MAP
Drawn By: Austin CAD	Scale: AS SHOWN	5307 INDUSTRIAL OAKS BLVD. - #160 AUSTIN, TX 78735	49.1 - Acre Tract
Checked By: RF	File No. 96157071	PH. (512) 442-1122 FAX. (512) 442-1181	Dripping Springs, Hays County, Texas
Approved By: RF	Date: February 18, 2015		Hays County, Texas

EXHIBIT 2



Soil Survey of Comal and Hays County

Batte, 1984

SCALE: 1" = 1850'

N

49-Acre Tract

Sawyer Ranch Road, Dripping Springs, Texas

Terracon Project No.96157071

Exhibit 3-Soils Map

TCEQ-0602: 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:

Print Name of Customer/Agent: Andres M. Juarez, P.E.

Date: 12/19/2025

Signature of Customer/Agent:

Regulated Entity Name: Dripping Springs I.S.D.

Project Information

Potential Sources of Contamination

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

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

   ☐ The following fuels and/or hazardous substances will be stored on the site: _____

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

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

☐ Aboveground storage tanks with a cumulative storage capacity between 250 gallons and 499 gallons will be stored on the site for less than one (1) year.

☐ Aboveground storage tanks with a cumulative storage capacity of 500 gallons or more will be stored on the site. An Aboveground Storage Tank Facility Plan application must be submitted to the appropriate regional office of the TCEQ prior to moving the tanks onto the project.

☒ Fuels and hazardous substances will not be stored on the site.

2. ☒ **Attachment A - Spill Response Actions**. A site specific description of the measures to be taken to contain any spill of hydrocarbons or hazardous substances is attached.

3. ☐ Temporary aboveground storage tank systems of 250 gallons or more cumulative storage capacity must be located a minimum horizontal distance of 150 feet from any domestic, industrial, irrigation, or public water supply well, or other sensitive feature.

4. ☒ **Attachment B - Potential Sources of Contamination**. A description of any activities or processes which may be a potential source of contamination affecting surface water quality is attached.

Sequence of Construction

5. ☒ **Attachment C - Sequence of Major Activities**. A description of the sequence of major activities which will disturb soils for major portions of the site (grubbing, excavation, grading, utilities, and infrastructure installation) is attached.

   ☐ For each activity described, an estimate (in acres) of the total area of the site to be disturbed by each activity is given.

   ☒ For each activity described, include a description of appropriate temporary control measures and the general timing (or sequence) during the construction process that the measures will be implemented.

6. ☒ Name the receiving water(s) at or near the site which will be disturbed or which will receive discharges from disturbed areas of the project: Spring Branch of Bear Creek

Temporary Best Management Practices (TBMPs)

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

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

☐ A description of how BMPs and measures will prevent pollution of surface water, groundwater or stormwater that originates upgradient from the site and flows across the site.

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

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

☐ A description of how, to the maximum extent practicable, BMPs and measures will maintain flow to naturally-occurring sensitive features identified in either the geologic assessment, TCEQ inspections, or during excavation, blasting, or construction.

8. ☒ The temporary sealing of a naturally-occurring sensitive feature which accepts recharge to the Edwards Aquifer as a temporary pollution abatement measure during active construction should be avoided.

   ☐ **Attachment E - Request to Temporarily Seal a Feature**. A request to temporarily seal a feature is attached. The request includes justification as to why no reasonable and practicable alternative exists for each feature.

   ☒ There will be no temporary sealing of naturally-occurring sensitive features on the site.

9. ☒ **Attachment F - Structural Practices**. A description of the structural practices that will be used to divert flows away from exposed soils, to store flows, or to otherwise limit runoff discharge of pollutants from exposed areas of the site is attached. Placement of structural practices in floodplains has been avoided.

10. ☒ **Attachment G - Drainage Area Map**. A drainage area map supporting the following requirements is attached:

    ☐ For areas that will have more than 10 acres within a common drainage area disturbed at one time, a sediment basin will be provided.

    ☐ For areas that will have more than 10 acres within a common drainage area disturbed at one time, a smaller sediment basin and/or sediment trap(s) will be used.

    ☐ For areas that will have more than 10 acres within a common drainage area disturbed at one time, a sediment basin or other equivalent controls are not attainable, but other TBMPs and measures will be used in combination to protect down slope and side slope boundaries of the construction area.

    ☒ There are no areas greater than 10 acres within a common drainage area that will be disturbed at one time. A smaller sediment basin and/or sediment trap(s) will be used in combination with other erosion and sediment controls within each disturbed drainage area.

☐ There are no areas greater than 10 acres within a common drainage area that will be disturbed at one time. Erosion and sediment controls other than sediment basins or sediment traps within each disturbed drainage area will be used.

11. ☒ **Attachment H - Temporary Sediment Pond(s) Plans and Calculations**. Temporary sediment pond or basin construction plans and design calculations for a proposed temporary BMP or measure have been prepared by or under the direct supervision of a Texas Licensed Professional Engineer. All construction plans and design information must be signed, sealed, and dated by the Texas Licensed Professional Engineer. Construction plans for the proposed temporary BMPs and measures are attached.

☐ N/A

12. ☒ **Attachment I - Inspection and Maintenance for BMPs.** A plan for the inspection of each temporary BMP(s) and measure(s) and for their timely maintenance, repairs, and, if necessary, retrofit is attached. A description of the documentation procedures, recordkeeping practices, and inspection frequency are included in the plan and are specific to the site and/or BMP.

13. ☒ All control measures must be properly selected, installed, and maintained in accordance with the manufacturer's specifications and good engineering practices. If periodic inspections by the applicant or the executive director, or other information indicate a control has been used inappropriately, or incorrectly, the applicant must replace or modify the control for site situations.

14. ☒ If sediment escapes the construction site, off-site accumulations of sediment must be removed at a frequency sufficient to minimize offsite impacts to water quality (e.g., fugitive sediment in street being washed into surface streams or sensitive features by the next rain).

15. ☒ Sediment must be removed from sediment traps or sedimentation ponds not later than when design capacity has been reduced by 50%. A permanent stake will be provided that can indicate when the sediment occupies 50% of the basin volume.

16. ☒ Litter, construction debris, and construction chemicals exposed to stormwater shall be prevented from becoming a pollutant source for stormwater discharges (e.g., screening outfalls, picked up daily).

Soil Stabilization Practices

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

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

18. ☒ Records must be kept at the site of the dates when major grading activities occur, the dates when construction activities temporarily or permanently cease on a portion of the site, and the dates when stabilization measures are initiated.

19. ☒ Stabilization practices must be initiated as soon as practicable where construction activities have temporarily or permanently ceased.

Administrative Information

20. ☒ All structural controls will be inspected and maintained according to the submitted and approved operation and maintenance plan for the project.

21. ☒ If any geologic or manmade features, such as caves, faults, sinkholes, etc., are discovered, all regulated activities near the feature will be immediately suspended. The appropriate TCEQ Regional Office shall be immediately notified. Regulated activities must cease and not continue until the TCEQ has reviewed and approved the methods proposed to protect the aquifer from any adverse impacts.

22. ☒ Silt fences, diversion berms, and other temporary erosion and sediment controls will be constructed and maintained as appropriate to prevent pollutants from entering sensitive features discovered during construction.

ATTACHMENT A – SPILL RESPONSE ACTIONS

The following practices will be followed for spill prevention and cleanup:

- Manufacturers' recommended methods for spill cleanup will be clearly posted and site personnel will be made aware of the procedures and the location of the information and cleanup supplies.
- Materials and equipment necessary for spill cleanup will be kept in the material storage area on site. Equipment and materials will include, but not be limited to, brooms, dustpans, mops, rags, gloves, goggles, sand, sawdust, and plastic and metal trash containers specifically for this purpose.
- All spill will be cleaned up immediately upon discovery.
- The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with a hazardous substance.
- Spills of toxic or hazardous material will be reported to the appropriate state or local government agency, regardless of the size.
- The spill prevention plan will be adjusted to include measures to prevent the reoccurrence of similar spills and how to clean up the spill if there is another one. A description of the spill, what caused it, and the cleanup measures will also be included.
- The Contractor will be the spill prevention and cleanup coordinator. The names of responsible spill personnel will be posted in the material storage area and in the office trailer on site.

The following practices are used to reduce the risks associated with hazardous materials:

- Products will be kept in original containers unless they are not resealable.
- Original labels and material safety data will be retained; they contain important product information.
- If surplus product must be disposed of, manufacturer or local and state recommended methods for proper disposal will be followed.

In the event of a large spill, the following steps should be taken:

1. Determine Reportable Discharge or Spill: A reportable discharge or spill is a discharge or spill of oil, petroleum product, used oil, hazardous substances, industrial solid waste, or other substances into the environment in a quantity equal to or greater than the reportable quantity listed in TAC §327.4 in any 24-hour period.

   The reportable quantities for crude oil and oil other than that defined as petroleum product or used oil shall be:

   - For spills or discharges onto land: 210 gallons (five barrels).
   - For spills or discharges directly into water in the state: quantity sufficient to create a sheen.

   The reportable quantities for petroleum product and used oil shall be:

   - For spills or discharges onto land: 25 gallons.

- For spills or discharges to land from PST exempted facilities: 210 gallons (five barrels).
- For spills or discharges directly into water in the state: quantity sufficient to create a sheen.

2. Initial Notification: Upon the determination that a reportable or spill has occurred, a telephone report is required by the person responsible as soon as possible but not later than 24 hours after the discovery of the spill or discharge. The telephone report required may be made to the TCEQ. Alternately, the TCEQ encourages calls directly to a regional office during regular business hours (8:00 AM to 5:00 PM) or to the agency's 24-hour number. After hours, an answering service receives incoming calls and then an operator/paging system notifies TCEQ staff of release reports.

TCEQ Emergency Release Hotline (24 hours a day)	(800) 832-8224
TCEQ Region 11 Office (Austin)	(512) 339-2929

When making a telephone report of a spill or pollution complaint, it will be helpful if the following information is at available:

- The date and time of the spill or release.
- The identity or chemical name of any material released or spilled, as well as whether the substance is extremely hazardous.
- An estimate of the quantity of material released or spilled and the time or duration of the event.
- The exact location of the spill, including the name of waters involved or threatened, and any other media affected by the release or spill.
- The extent of actual and potential water pollution.
- The source of the release or spill.
- The name, address, and phone number of the party in charge of, or responsible for, the facility, vessel, or activity associated with the release or spill. If that party is not at the site, also have the name and phone number of the party at the site who is in charge of operations.
- The steps being taken or proposed to contain and clean up the released or spilled material and any precautions taken to minimize impacts, including evacuation.
- The extent of injuries, if any.
- Any known or anticipated health risks associated with the incident and, where appropriate, advice regarding medical attention necessary for persons exposed.
- Possible hazards to the environment (air, soil, water, wildlife, etc.). This assessment may include references to accepted chemical databases, material safety data sheets, and health advisories. The TCEQ may request estimated or measured concentrations of the contaminant for the state's hazard assessment.
- The identities of any government or private-sector representatives responding at the scene.

3. Abate and Contain: The responsible person shall immediately abate and contain the spill or discharge and cooperate fully with the executive director and the local incident command system. The responsible person shall also begin reasonable response actions, which may include, but are not limited to, the following actions:
    - Arrival of the responsible person or response personnel hired by the responsible person at the site of the discharge or spill.
    - Initiating efforts to stop the discharge or spill.
    - Minimizing the impact to the public health and the environment.
    - Neutralizing the effects of the incident.
    - Removing the discharged or spilled substances.
    - Managing the wastes.

    Upon request of the local government responders or the executive director, the responsible person shall provide a verbal or written description, or both, of the planned response actions and all actions taken before the local governmental responders or the executive director arrive. When the agency on-scene coordinator requests this information, it is subject to possible additional response action requirements by the executive director. The information will serve as a basis for the executive director to determine the need for:
    - Further response actions by the responsible person.
    - Initiating state funded actions for which the responsible person may be held liable to the maximum extent allowed by law.
    - Subsequent reports on the response actions.
4. Follow-up Report: Within 30 working days of the discovery of a reportable discharge or spill, the person responsible must submit written information to the appropriate TCEQ regional office describing the details and supporting the adequacy of the response. The documentation must contain one of the following:
    a. Information from the initial notification, and a statement that the response to the discharge or spill has been completed and a description of how the action was conducted.
    b. A request for the extension of time to complete the response, along with the reasons for the request, and a projected work schedule outlining the time required to complete the response action. Proceed according to the projected schedule unless otherwise notified by the appropriate TCEQ regional director.
    c. A statement and explanation that the discharge or spill response has not been, and is not expected to be, completed within the maximum allowable extension (six months from the date of the discharge or spill), along with a projected work schedule.

    Additional information to include:

    a. Response Chronology: A chronology, listing times and dates, of the responses by the responsible person, as well as:

- the nature of the responses, along with the name, address, and phone number of the response contractor as well as the name of a contact, if different than the responsible person
- the date and time of the first containment actions and the name of the individuals or company conducting these activities
- a detailed description of the containment equipment and personnel used and a description of the effectiveness of the initial response actions; etc.

b. Meteorology: Describe weather conditions during the incident and include a discussion of how the weather may have helped or hindered the cleanup.

c. Reported Injuries: Describe any injuries or fatalities.

d. Remediation of Contamination: Describe actions taken to remove or neutralize the substances discharged or spilled including:

- The amounts of substances recovered and contained.
- The amounts of substances lost to the environment.
- If soil was affected, the amounts of substances removed. Include a scaled map indicating the lateral and vertical extent of excavation.
- The disposition of any excavated substances, any recovered substances, and any additional wastes generated from the cleanup, including any on-site or off-site storage, processing, or treatment. If the material is stored off-site, the responsible person must give the name, physical address, and phone number for the storage facility.

e. Sampling and Analysis: A description of all sampling activities including:

- A list of the persons collecting the samples.
- A scaled map indicating the lateral and vertical location of the sampling locations.
- A tabulation of the analyses performed and the analytical methods used.
- The name and address of the laboratory conducting the analytical work.
- The name and address of the supplier of the sample containers.
- A copy of the analytical results as reported by the laboratory to the responsible person.

f. Waste Classification and Disposal: List the U.S. EPA and TCEQ waste-classification and waste-code numbers, along with:

- Copies of any analytical results used to obtain the waste classifications as well as any correspondence from the TCEQ.
- A list of any temporary generator or transporter numbers used, if applicable.
- Copies of the manifests for the shipment of the wastes.
- The name, address, and phone number of the facility receiving the waste

ATTACHMENT B – POTENTIAL SOURCES OF CONTAMINATION

Below is a list of description of any activities or processes that may be a potential source of contamination affecting surface water quality.

Non-Stormwater Discharges: It is expected that the following non-stormwater discharges will occur from the site during the construction period:

- Water from water line flushing.
- Pavement wash waters (where no spills or leaks of toxic or hazardous materials have occurred).
- Uncontaminated groundwater (from dewatering of excavation).
- All non-stormwater discharges will be directed towards erosion control structures prior to discharge.

Material Inventory: The materials or substances listed below are expected to be present on site during construction:

- Concrete and concrete products
- Metal reinforcing materials – rebar, welded wire fabric
- Fertilizers
- Petroleum-based products
- Wood
- Plastic (PVC) and metal pipe and fittings
- Paints
- Rock, gravel, sand, and soil

ATTACHMENT C – SEQUENCE OF MAJOR ACTIVITIES

1. Temporary erosion and sedimentation controls are to be installed as indicated on the approved site plan and in accordance with the Stormwater Pollution Prevention Plan ("SWPPP") that is required to be posted on the site. Install tree protection and initial tree mitigation measures. I.) Area Disturbed = 0.93 acres, II.) Description of Temporary Control Measures = Silt Fence, Mulch Sock, Tree Fence, Inlet Protection, III.) General Implementation of Temporary Control Measures Timing = Start of construction activity.
2. The Environmental Project Manager or Site Supervisor must contact the City of Dripping Springs Environmental Health Department, at (512) 858-4725, 72 hours prior to the scheduled date of the required pre-construction meeting. I.) Area Disturbed = 0.93 acres, II.) Description of Temporary Control Measures = Silt Fence, Mulch Sock, Tree Fence, Inlet Protection, III.) General Implementation of Temporary Control Measures Timing = Start of construction activity.
3. The Environmental Project Manager, and/or Site Supervisor, and/or designated responsible party, and the General Contractor will follow the SWPPP posted on the site. Temporary erosion and sedimentation controls will be revised, if needed, to comply with City Inspectors' directives, and revised construction schedule relative to the water quality plan requirements and the erosion plan. I.) Area Disturbed = 0.93 acres, II.) Description of Temporary Control Measures = Silt Fence, Mulch Sock, Tree Fence, Inlet Protection, III.) General Implementation of Temporary Control Measures Timing = Start of construction activity.
4. Temporary erosion and sedimentation controls including sedimentation basin of existing water quality pond will be inspected and maintained in accordance with the SWPPP posted on the site. I.) Area Disturbed = 0.93 acres, II.) Description of Temporary Control Measures = Silt Fence, Mulch Sock, Tree Fence, Inlet Protection, III.) General Implementation of Temporary Control Measures Timing = Start of construction activity.
5. Begin site clearing/construction (or demolition) activities. I.) Area Disturbed = 0.93 acres, II.) Description of Temporary Control Measures = Silt Fence, Mulch Sock, Tree Fence, Inlet Protection, III.) General Implementation of Temporary Control Measures Timing = Start of construction activity.
6. Complete construction and start revegetation of the site and installation of landscaping. I.) Area Disturbed = 0.93 acres, II.) Description of Temporary Control Measures = Silt Fence, Mulch Sock, Tree Fence, Inlet Protection, III.) General Implementation of Temporary Control Measures Timing = Near final activity of construction.
7. Upon completion of the site construction and revegetation of a project site, the design engineer shall submit an engineer's letter of concurrence to the Development Services Department indicating that construction, including revegetation, is complete and in substantial conformity with the approved plans. After receiving this letter, a final inspection will be scheduled by the appropriate City Inspector. I) Area Disturbed = 0.93 acres, II) Description of Temporary Control Measures = None, III) General Implementation of Temporary Control Measures Timing = After construction is complete
8. Upon completion of landscape installation of a project site, the Landscape Architect shall submit a letter of concurrence to the Development Services Department indicating that the required landscaping is complete and in substantial conformity with the approved plans. After receiving this letter, a final inspection will be scheduled by the appropriate City Inspector. I.) Area Disturbed = 0.93 acre, II.) Description of Temporary Control Measures

= Silt Fence, Mulch Sock, Tree Fence, Inlet Protection, III.) General Implementation of Temporary Control Measures Timing = After construction is complete

9. After a final inspection has been conducted by the City Inspector and with approval from the City Inspector, remove the temporary erosion and sedimentation controls and complete any necessary final revegetation resulting from removal of the controls. Conduct any maintenance and rehabilitation of the water quality ponds or controls. I.) Area Disturbed = 0.93 acres, II.) Description of Temporary Control Measures = None, III.) General Implementation of Temporary Control Measures Timing = After construction is complete

ATTACHMENT D – TEMPORARY BEST MANAGEMENT PRACTICES AND MEASURES

Spill Prevention and Cleanup Practices: The following practices will be followed for spill prevention and cleanup.

- Manufacturers' recommended methods for spill cleanup will be clearly posted and site personnel will be made aware of the procedures and the location of the information and cleanup supplies.
- Materials and equipment necessary for spill cleanup will be kept in the material storage area on site. Equipment and material swill include, but not be limited to, brooms, dustpans, mops, rags, gloves, goggles, sand, sawdust, and plastic and metal trash containers specifically for this purpose.
- All spill will be cleaned up immediately upon discovery.
- The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with a hazardous substance.
- Spills of toxic or hazardous material will be reported to the appropriate state or local government agency, regardless of the size.
- The spill prevention plan will be adjusted to include measures to prevent the reoccurrence of similar spills and how to clean up the spill if there is another one. A description of the spill, what caused it, and the cleanup measures will also be included.
- The Contractor will be the spill prevention and cleanup coordinator. The names of responsible spill personnel will be posted in the material storage area and in the office trailer on site.

Hazardous Materials: The following practices are used to reduce the risks associated with hazardous materials.

- Products will be kept in original containers unless they are not resealable.
- Original labels and material safety data will be retained; they contain important product information.
- If surplus product must be disposed of, manufacturer or local and state recommended methods for proper disposal will be followed.

Material Management Practices: The following are the material management practices that will be used to reduce the risk of spills or other accidental exposure of materials and substances to stormwater runoff.

- All soil, sand, gravel, and excavated materials stockpiles on site will have appropriate erosion and sedimentation controls placed downgradient.
- An effort will be made to store only product required to do the job.
- All materials stored on site will be stored in a neat, orderly manner in their appropriate containers and, if possible, under a roof or other enclosure.
- Materials will be stored in the construction staging, material storage, and temporary spoils disposal area as shown on the construction plans.
- Products will be kept in their original containers with the original manufacturer's labels.
- Whenever possible all of a product will be used before disposing of the container.

- Manufacturer's recommendations for proper use and disposal will be followed.
- The Contractor will make a daily inspection to ensure the proper use and disposal of materials on site.

Product Specific Practices: The following product specific practices will be followed on site.

- Petroleum Products: All on site vehicles will be monitored for leaks and receive regular preventive maintenance to reduce the chance of leakage. Petroleum products will be stored in tightly sealed containers that are clearly labeled. Any asphaltic substances used on site will be applied according to the manufacturer's recommendations.
- Fertilizers: Fertilizers will be applied only in the minimum amounts recommended by the manufacturer. Once applied, fertilizer will be worked into the soil to limit exposure to stormwater. The contents of any partially used bags of fertilizer will be transferred to a sealable plastic bin to avoid spills.
- Paints: All containers will be tightly sealed and stored when not required for use. Excess paint will not be discharged to the storm sewer system, but will be properly disposed of according to manufacturer's instructions or state and local regulations.
- Concrete Trucks: Concrete trucks will not be allowed to wash out or discharge surplus concrete or drum water on the site except in designated areas. Upon completion of the project, the Contractor will clean up the wash-out site in accordance with state and local regulations.
- Construction Equipment/Vehicles: Construction equipment/vehicles will be limited, as much as possible, to the project site. Any soil, mud, etc. to be carried form the project into public roads will be cleaned up within 24 hours.

ATTACHMENT E – REQUEST TO TEMPORARILY SEAL A FEATURE

Not applicable.

ATTACHMENT F – STRUCTURAL PRACTICES

During construction the site will be protected by temporary structural erosion controls to trap construction sediment on site. The controls primarily consist of silt fence, mulch sock, stabilized construction entrance, rock berm, and inlet protection designed in accordance with COA Environmental Criterial Standards. In addition to the proposed temporary controls, the sedimentation basin of the existing water quality pond will act as a sediment basin as a backup if sediment should escape the upstream temporary practices such as rock berms and silt fences. In conjunction with the other temporary controls, the existing sediment basin will provide an additional factor of safety.

ATTACHMENT G – DRAINAGE AREA MAP

The drainage area map for this project can be found in the site construction plans, Sheet C 205.

ATTACHMENT H – TEMPORARY SEDIMENT POND(S) PLANS AND CALCULATIONS

The sediment basin of the existing water quality pond will be used as a temporary sediment trap in the event sediment should escape the upstream temporary practices such as rock berm and silt fences. Any sediment that escapes to the sediment basin will be removed prior to writing the engineer's concurrence letter and acceptance of the project.

ATTACHMENT I – INSPECTION AND MAINTENANCE FOR BMPS

An Environmental Project Manager, who shall be on-site more than 90% of the time, shall be designated to be responsible for inspection and compliance of temporary erosion sedimentation control ("ESC") during construction.

The following is a general schedule for installation and inspection of temporary ESC.

- Install erosion controls and tree protection fencing as indicated on the approved site plan.
- Environmental Project Manager shall schedule and hold an on-site pre-construction meeting prior to start of construction. The following shall be in attendance: Environmental Project Manager, Design Engineer, Owner, Contractor, and Inspector for the City of Dripping Springs.
- Revise ESC if necessary, per Inspector, and review construction schedule relative to water quality plan requirements and erosion control plan.
- Inspect and maintain temporary controls weekly and prior to/immediately after rainfall events as needed.
- Response within 24 hours to violations reported by the Inspector.
- Have Environmental Project Manager schedule a mid-construction meeting to coordinate changes in construction schedule and evaluate effectiveness of erosion control devices. At this time, also identify anticipated completion date and coordinate final construction sequence and inspection schedule. The following shall be in attendance: Environmental Project Manager, Design Engineer, and City of Dripping Springs Inspector.
- Clean out permanent controls and install/maintain filter media as necessary.
- Complete construction and re-vegetate disturbed areas. Remove remaining temporary erosion controls.
- Submit engineer's concurrence letter to City of Dripping Springs.

ATTACHMENT J – SCHEDULE OF INTERIM AND PERMANENT SOIL STABILIZATION PRACTICES

Periodically throughout the project all erosion controls will be re-analyzed and repaired as needed. Upon completion of construction, the areas of disturbance will be re-vegetated. All portions of the site that are not to be worked for more than 14 days will be treated with temporary or permanent soil stabilization measures in accordance with the design criteria of the COA Environmental Criteria Manual.

TCEQ-20022: NOTICE OF INTENT

TCEQ Office Use Only
Permit No.:
RN:
CN:
Region:

Notice of Intent (NOI) for Stormwater Discharges Associated with Construction Activity under TPDES General Permit (TXR150000)

IMPORTANT:

- Use the INSTRUCTIONS to fill out each question in this form.
- Use the CHECKLIST to make certain you filled out all required information. Incomplete applications **WILL** delay approval or result in denial.
- Once processed your permit can be viewed at: http://www.tceq.texas.gov/goto/wq-dpa

ePERMITS: Sign up now for online NOI: https://www3.tceq.texas.gov/steers/
Pay a $225 reduced application fee by using ePermits.

APPLICATION FEE:

- You must pay the **$325** Application Fee to TCEQ for the paper application to be complete.
- Payment and NOI must be mailed to separate addresses.
- Did you know you can pay on line?
  - Go to http://www.tceq.texas.gov/goto/epay
  - Select Fee Type: GENERAL PERMIT CONSTRUCTION STORM WATER DISCHARGE NOI APPLICATION
- **Provide your payment information below, for verification of payment:**

☐ Mailed Check/Money Order Number: _____
Name Printed on Check: _____
Copy of check enclosed? ☐ Yes

☐ EPAY Voucher Number: _____
Is the Payment Voucher copy attached? ☐ Yes

RENEWAL: Is this NOI a Renewal of an existing General Permit Authorization? (Note: A permit cannot be renewed after June 3, 2013.)

☐ Yes The Permit number is: TXR15_____
(If a permit number is not provided, a new number will be assigned.)
☑ No

1) OPERATOR (Applicant)

a) If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? You may search for your CN at: http://www.tceq.texas.gov/goto/cr-customer

CN 601259435

b) What is the Legal Name of the entity (applicant) applying for this permit?
Dripping Springs Independent School District
(The legal name must be spelled exactly as filed with the Texas Secretary of State, County, or in the legal document forming the entity.)

c) What is the contact information for the Operator (Responsible Authority)? The mailing address must be recognized by the US Postal Service (USPS). You may verify the address at: https://tools.usps.com/go/ZipLookupAction!input.action
Prefix (Mr. Ms. Miss): Ms.
First/Last Name: Elaine Cogburn Suffix:
Title: Deputy Superintendent for Finance and Operations Credential:
Phone Number: (512) 858-3000 Ext: Fax Number:
E-mail: elaine.cogburn@dsisdtx.us
Mailing Address: 300 Sportsplex Drive
Internal Routing (Mail Code, Etc.):
City: Dripping Springs State: TX ZIP Code: 78620
If outside USA:
Territory: Country Code: Postal Code:

d) Indicate the type of Customer (The instructions will help determine your customer type):

☐ Individual	☐ Limited Partnership	☐ Sole Proprietorship-DBA
☐ Joint Venture	☐ General Partnership	☐ Corporation
☐ Trust	☐ Estate	☐ Federal Government
☐ State Government	☐ County Government	☐ City Government
☑ Other Government		

e) Independent Operator? (If governmental entity, subsidiary, or part of a larger corporation, check "No".)
☐ Yes ☑ No

f) Number of Employees:
☐ 0-20; ☐ 21-100; ☐ 101-250; ☐ 251-500; or ☑ 501 or higher

g) Customer Business Tax and Filing Numbers:
(REQUIRED for Corporations and Limited Partnerships. Not Required for Individuals, Government, or Sole Proprietors)
State Franchise Tax ID Number:
Federal Tax ID: 74600309
Texas Secretary of State Charter (filing) Number:
DUNS Number (if known):

2) APPLICATION CONTACT

If TCEQ needs additional information regarding this application, who should be contacted?

Is the application contact the same as the applicant identified above?

☐ Yes, go to Section 3).

☑ No, complete section below

Prefix (Mr. Ms. Miss): Mr.
First/Last Name: Andres M. Juarez, P.E. Suffix:
Title: Vice President - DIG Engineers Credential:
Organization Name: DIG Engineers
Phone Number: (713) 965-0608 Ext: Fax Number:
E-mail: andres.juarez@digengineers.com
Mailing Address: 24275 Katy Fwy
Internal Routing (Mail Code, Etc.):
City: Katy State: TX ZIP Code: 77494
Mailing Information if outside USA:
Territory: Country Code: Postal Code:

3) REGULATED ENTITY (RE) INFORMATION ON PROJECT OR SITE

If the site of your business is part of a larger business site or if other businesses were located at this site before yours, a Regulated Entity Number (RN) may already be assigned for the larger site. Use the RN assigned for the larger site. Search TCEQ's Central Registry to see if the larger site may already be registered as a regulated site at:
http://www.tceq.texas.gov/goto/cr-searchrn

If the site is found, provide the assigned Regulated Entity Reference Number and provide the information for the site to be authorized through this application below. The site information for this authorization may vary from the larger site information.

a) TCEQ issued RE Reference Number (RN): RN 108296708

b) Name of project or site (the name known by the community where located):
Dripping Springs Elementary and Middle School k-8

c) In your own words, briefly describe the primary business of the Regulated Entity: (Do not repeat the SIC and NAICS code):
Educational Institute.

d) County (or counties if > 1)
Hays County

e) Latitude: 30.181341 Longitude: 97.998133

f) Does the site have a physical address?

☑ Yes, complete Section A for a physical address.

☐ No, complete section B for site location information.

Section A: Enter the physical address for the site.
Verify the address with USPS. If the address is not recognized as a delivery address, provide the address as identified for overnight mail delivery, 911 emergency or other online map tools to confirm an address.

Physical Address of Project or Site:
Street Number: 1000 Street Name: Sawyer Ranch Rd
City: Dripping Springs State: Texas ZIP Code: 78620

Section B: Enter the site location information.

If no physical address (Street Number & Street Name), provide a written location access description to the site. (Example: located 2 miles west from intersection of Hwy 290 & IH35 accessible on Hwy 290 South)

East side of Sawyer Ranch Road, south of Hwy 290, south of White Washington Way, and north of Cool Springs Way and adjacent to Rachels Canyon Drive

City where the site is located or, if not in a city, what is the nearest city:
Dripping Springs

State: Texas ZIP Code where the site is located: 78620

4) GENERAL CHARACTERISTICS

a) Is the project/site located on Indian Country Lands?

☐ Yes - If the answer is Yes, you must obtain authorization through EPA, Region 6.

☑ No

b) Is your construction activity associated with a facility that, when completed, would be associated with the exploration, development, or production of oil or gas or geothermal resources?

☐ Yes - If the answer is Yes, you may be under jurisdiction of the Railroad Commission of Texas and may need to obtain authorization through EPA, Region 6.

☑ No

c) What is the Primary Standard Industrial Classification (SIC) Code that best describes the construction activity being conducted at the site?
Primary SIC Code: 8211

d) If applicable, what is the Secondary SIC Code(s):

e) What is the total number of acres disturbed? 0.93

f) Is the project site part of a larger common plan of development or sale?

☑ Yes - If the answer is Yes, the total number of acres disturbed can be less than 5 acres.

☐ No - If the answer is No, the total number of acres disturbed must be 5 or more. If the total number of acres disturbed is less than 5 then the project site does not qualify for coverage through this Notice of Intent. Coverage will be denied. See the requirements in the general permit for small construction sites.

g) What is the name of the first water body(s) to receive the stormwater runoff or potential runoff from the site?

Bear Creak

h) What is the segment number(s) of the classified water body(s) that the discharge will eventually reach?

1427 C

i) Is the discharge into an MS4?

☑ Yes - If the answer is Yes, provide the name of the MS4 operator below.

Hays County

Note: The general permit requires you to send a copy of the NOI to the MS4 operator.

☐ No

j) Are any of the surface water bodies receiving discharges from the construction site on the latest EPA-approved CWA 303(d) List of impaired waters?

☐ Yes - If the answer is Yes, provide the name(s) of the impaired water body(s) below.

☑ No

k) Is the discharge or potential discharge within the Recharge Zone, Contributing Zone, or Contributing Zone within the Transition Zone of the Edwards Aquifer as defined in 30 TAC Chapter 213?

☑ Yes - If the answer is Yes, complete certification below by checking "Yes."

☐ No

I certify that a copy of the TCEQ approved Plan required by the Edwards Aquifer Rule (30 TAC Chapter 213) is either included or referenced in the Stormwater Pollution Prevention Plan.

☑ Yes

5) CERTIFICATION

Check Yes to the certifications below. Failure to indicate Yes to ***ALL*** items may result in denial of coverage under the general permit.

a) I certify that I have obtained a copy and understand the terms and conditions of the Construction General Permit (TXR150000). ☑ Yes

b) I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas. ☑ Yes

c) I understand that a Notice of Termination (NOT) must be submitted when this authorization is no longer needed. ☑ Yes

d) I certify that a Stormwater Pollution Prevention Plan has been developed, will be implemented prior to construction and to the best of my knowledge and belief is compliant with any applicable local sediment and erosion control plans, as required in the general permit TXR150000. Note: For multiple operators who operate under a shared SWP3, the confirmation of an operator may be limited to its obligations under the SWP3 provided all obligations are confirmed by at least one operator. ☑ Yes

Operator Certification:

I,_____ _____
Typed or printed name Title

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

I further certify that I am authorized under **30 Texas Administrative Code §305.44** to sign and submit this document, and can provide documentation in proof of such authorization upon request.

Signature: _____ Date:_____
(Use blue ink)

TCEQ-0599: AGENT AUTHORIZATION FORM

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

I Elaine Cogburn,
Print Name

Dept. Superintendent / Owner,
Title - Owner/President/Other

of Dripping Springs Independent School District,
Corporation/Partnership/Entity Name

have authorized Andres M. Juarez, P.E.
Print Name of Agent/Engineer

of DIG Engineers
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:

Elaine Cogburn
Applicant's Signature

12.12.2025
Date

THE STATE OF Texas §

County of Hays §

BEFORE ME, the undersigned authority, on this day personally appeared Elaine Cogburn 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 12 day of Dec 2025.

Jennifer Eileen Martinez
NOTARY PUBLIC

Jennifer Eileen Martinez
Typed or Printed Name of Notary

JENNIFER EILEEN MARTINEZ
Notary ID #126196613
My Commission Expires
December 14, 2026

MY COMMISSION EXPIRES: Dec 14 2026

TCEQ-0574: APPLICATION FEE FORM

Application Fee Form

Texas Commission on Environmental Quality

Name of Proposed Regulated Entity: Dripping Springs ISD Elementary and Middle School

Regulated Entity Location: 1000 Sawyer Ranch Road, Dripping Springs Texas, 78620

Name of Customer: Dripping Springs ISD

Contact Person: Elaine Cogburn Phone: (512)858-3006

Customer Reference Number (if issued):CN 601259435

Regulated Entity Reference Number (if issued):RN 108296708

Austin Regional Office (3373)

☒ Hays ☐ Travis ☐ Williamson

San Antonio Regional Office (3362)

☐ Bexar ☐ Medina ☐ Uvalde

☐ Comal ☐ Kinney

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

☐ Austin Regional Office

☐ Mailed to: TCEQ - Cashier
Revenues Section
Mail Code 214
P.O. Box 13088
Austin, TX 78711-3088

☐ San Antonio Regional Office

☒ Overnight Delivery to: TCEQ - Cashier
12100 Park 35 Circle
Building A, 3rd Floor
Austin, TX 78753
(512)239-0357

Site Location (Check All That Apply):

☐ Recharge Zone ☒ Contributing Zone ☐ Transition Zone

Type of Plan	*Size*	*Fee Due*
Water Pollution Abatement Plan, Contributing Zone Plan: One Single Family Residential Dwelling	Acres	$
Water Pollution Abatement Plan, Contributing Zone Plan: Multiple Single Family Residential and Parks	Acres	$
Water Pollution Abatement Plan, Contributing Zone Plan: Non-residential	49.10 Acres	$ 8,000
Sewage Collection System	L.F.	$
Lift Stations without sewer lines	Acres	$
Underground or Aboveground Storage Tank Facility	Tanks	$
Piping System(s)(only)	Each	$
Exception	Each	$
Extension of Time	Each	$

Signature: Andrea Jeans Date: 12/19/25

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 5 < 10 10 < 40 40 < 100 100 < 500 ≥ 500	$1,500 $3,000 $4,000 $6,500 $8,000 $10,000
Non-residential (Commercial, industrial, institutional, multi-family residential, schools, and other sites where regulated activities will occur)	< 1 1 < 5 5 < 10 10 < 40 40 < 100 ≥ 100	$3,000 $4,000 $5,000 $6,500 $8,000 $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