Texas Commission on Environmental Quality

Edwards Aquifer Application Cover Page

Our Review of Your Application

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

Administrative Review

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

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

2. This Edwards Aquifer Application Cover Page form (certified by the applicant or agent) must be included in the application and brought to the administrative review meeting.

3. Administrative reviews are scheduled with program staff who will conduct the review. Applicants or their authorized agent should call the appropriate regional office, according to the county in which the project is located, to schedule a review. The average meeting time is one hour.

4. In the meeting, the application is examined for administrative completeness. Deficiencies will be noted by staff and emailed or faxed to the applicant and authorized agent at the end of the meeting, or shortly after. Administrative deficiencies will cause the application to be deemed incomplete and returned.

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

5. If an application is received by mail, courier service, or otherwise submitted without a review meeting, the administrative review will be conducted within 30 days. The applicant and agent will be contacted with the results of the administrative review. If the application is found to be administratively incomplete, it can be retrieved from the regional office or returned by regular mail. If returned by mail, the regional office may require arrangements for return shipping.

6. If the geologic assessment was completed before October 1, 2004 and the site contains “possibly sensitive” features, the assessment must be updated in accordance with the *Instructions to Geologists* (TCEQ-0585 Instructions).

Technical Review

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

2. A site assessment is usually conducted as part of the technical review, to evaluate the geologic assessment and observe existing site conditions. The site must be accessible to our staff. The site boundaries should be

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

3. We evaluate the application for technical completeness and contact the applicant and agent via Notice of Deficiency (NOD) to request additional information and identify technical deficiencies. There are two deficiency response periods available to the applicant. There are 14 days to resolve deficiencies noted in the first NOD. If a second NOD is issued, there is an additional 14 days to resolve deficiencies. If the response to the second notice is not received, is incomplete or inadequate, or provides new information that is incomplete or inadequate, the application must be withdrawn or will be denied. Please note that because the technical review is underway, whether the application is withdrawn or denied **the application fee will be forfeited**.

4. The program has 90 calendar days to complete the technical review of the application. If the application is technically adequate, such that it complies with the Edwards Aquifer rules, and is protective of the Edwards Aquifer during and after construction, an approval letter will be issued. Construction or other regulated activity may not begin until an approval is issued.

Mid-Review Modifications

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

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

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

- If the technical review has begun your application can be denied/withdrawn, your fees will be forfeited, and the plan will have to be resubmitted.
- TCEQ can continue the technical review of the application as it was submitted, and a modification application can be submitted at a later time.

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

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

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

1. Regulated Entity Name: DRIPPING SPRINGS HIGH SCHOOL #2						**2. Regulated Entity No.:**			
3. Customer Name: DRIPPING SPRINGS ISD						**4. Customer No.:** 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):**		155.74	
9. Application Fee:	$10,000		**10. Permanent BMP(s):**			BATCH DETENTION, VEGETATIVE FILTER STRIP			
11. SCS (Linear Ft.):			**12. AST/UST (No. Tanks):**						
13. County:	HAYS		**14. Watershed:**			ONION 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.
DAVID P. SMITH, P.E. Print Name of Customer/Authorized Agent
David P Smith 06-04-2025 Signature of Customer/Authorized Agent Date

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

Contributing Zone 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: DAVID P. SMITH, P.E.

Date: 6-4-2025

Signature of Customer/Agent:

Regulated Entity Name: DRIPPING SPRINGS HIGH SCHOOL #2

Project Information

1. County: HAYS
2. Stream Basin: ONION CREEK
3. Groundwater Conservation District (if applicable): HAYS TRINITY
4. Customer (Applicant):

   Contact Person: JAMES CONKLE
   Entity: DRIPPING SPRINGS ISD
   Mailing Address: 300 SPORTSPLEX DRIVE
   City, State: DRIPPING SPRINGS, TX Zip: 78620
   Telephone: 512-858-3079 Fax: _____
   Email Address: james.conkle@dsisdtx.us

5. Agent/Representative (If any):

Contact Person: DAVID P. SMITH, P.E.
Entity: WALKER PARTNERS, LLC
Mailing Address: 6504 BRIDGE POINT PARKWAY, SUITE 200
City, State: AUSTIN, TX Zip: 78730
Telephone: 512-382-0021 Fax: _____
Email Address: dsmith@walkerpartners.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 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.

SE CORNER OF DARDEN HILL RD AND SAWYER RANCH RD, DRIFTWOOD, TX 78619

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 show:

☒ 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:

☐ Existing commercial site
☐ Existing industrial site
☐ Existing residential site

☐ Existing paved and/or unpaved roads
☒ Undeveloped (Cleared)
☐ Undeveloped (Undisturbed/Not cleared)
☒ Other: DRIPPING SPRINGS ELEMENTARY SCHOOL NO. 5

12. The type of project is:

☐ Residential: # of Lots: _____
☐ Residential: # of Living Unit Equivalents: _____
☐ Commercial
☐ Industrial
☒ Other: HIGH SCHOOL

13. Total project area (size of site): 155.74 Acres

Total disturbed area: 93.53 Acres

14. Estimated projected population: 2,500 STUDENTS

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	383,200	÷ 43,560 =	8.80
Parking	516,300	÷ 43,560 =	11.85
Other paved surfaces	1,442,700	÷ 43,560 =	33.12
Total Impervious Cover	2,342,220	÷ 43,560 =	53.77

Total Impervious Cover 53.77 **÷ Total Acreage** 155.74 **X 100 =** 34.5 **% 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): DRIPPING SPRINGS HIGH SCHOOL NO. 2

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

☐ 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" = 100 '.

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): FIRM PANEL 48209C 0120G, EFFECTIVE DATE 1/17/2025

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

    ☐ **Attachment 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.

    ☐ N/A

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.

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

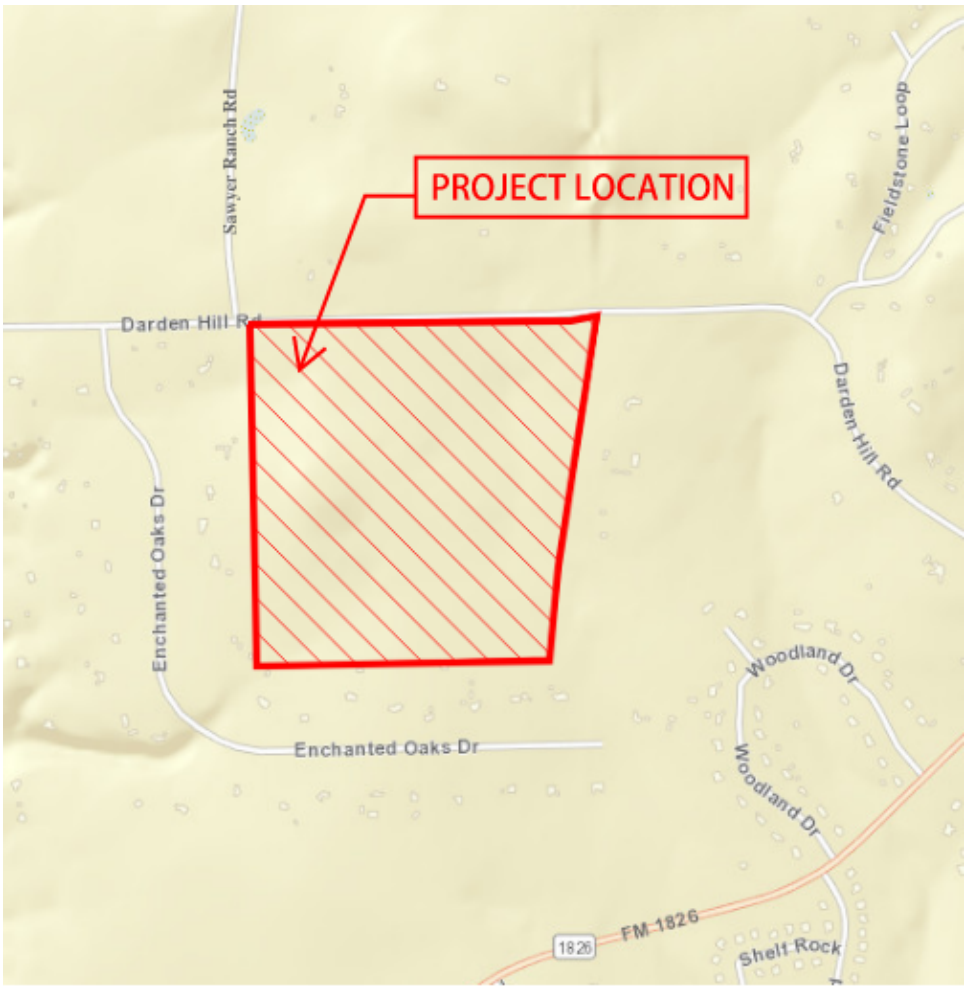
61. [X] Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions.

62. [X] 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. [X] 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.

[X] The Temporary Stormwater Section (TCEQ-0602) is included with the application.

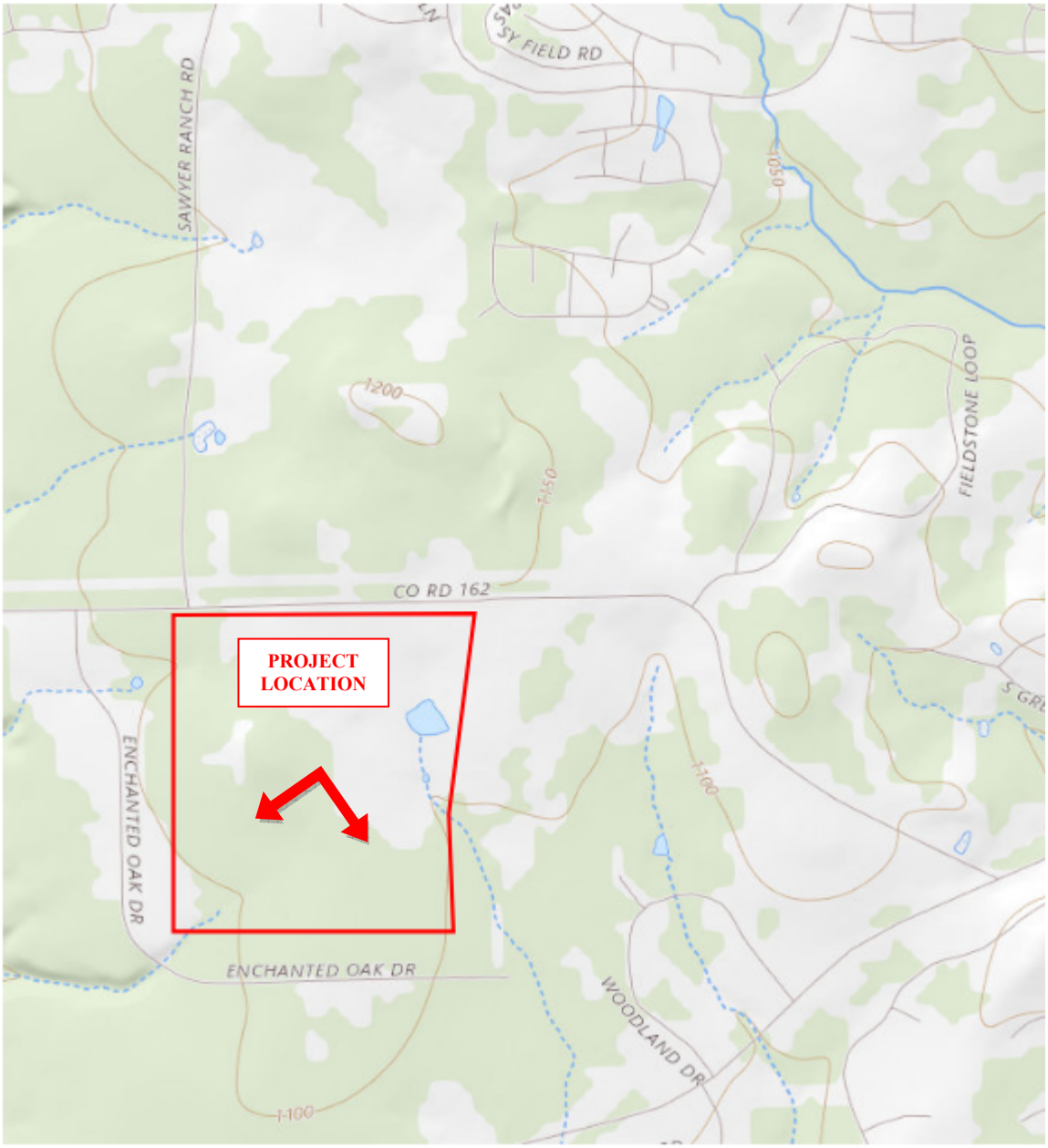
ATTACHMENT A – ROAD MAP



NOT TO SCALE
N.T.S

ATTACHMENT B – USGS QUADRANGLE MAP

DRIPPING SPRINGS 7.5' TOPO



ATTACHMENT C – Project Narrative

The subject property consists of 155.74 acres located at the southeast corner of the intersection of Darden Hill Road and Sawyer Ranch Road. The natural terrain is gently sloping. This Contributing Zone Plan is being submitted for the construction of a new High School campus, including an on-site wastewater treatment facility and land application of treated wastewater. The WWTP and TLAP applications will be submitted separately.

The existing land uses are ranchland with 4.45 acres of existing impervious cover, and Dripping Springs Elementary School No. 5 with 10.03 acres of impervious cover. The existing school (now renamed Cypress Springs Elementary) was constructed in 2021. The Contributing Zone Plan Modification approval letter for this school was issued on October 30, 2020 under EAPP ID 11002109.

The proposed improvements include the main high school building, sports facilities, concession and maintenance buildings, associated drives and parking lots, and all associated water, wastewater, and drainage improvements. The proposed impervious cover for Dripping Springs High School #2 is 2,342,200 sf (53.77 ac). Two batch detention water quality controls with detention ponds are proposed to treat the storm water from this site. Vegetative filter strips are proposed to treat runoff from one of the access drives. Off-site drainage areas will be diverted around the proposed BMPs.

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 are identifed in the Geologic Assessment. See copy of report attached.

Batch detention ponds #1 & #2 will serve as temporary sediment basins during construction. The capture volumes of 177,365 c.f. was calculated in accordance with RG-348 Appendix A (see Pond Plan and Pond Details sheets in the plans). In accordance with "Optional Enhanced Measures" the project will limit the peak rate of runoff for the 2-yr, 24-hour storm from the developed portion of the site to 50% of the undeveloped rate for that event (see table on Pond Drainage Area Map sheet in the plans).

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 increase in TSS load in the runoff from the site. Based on the Project Area of 155.74 acres and the new impervious cover of 53.77 acres, the required amount of TSS Load Removal (L_M) is 45,083 lbs.

The two batch detention ponds and vegetative filter strip (VFS) are proposed as Best Management Practices (BMPs) for the project.

Pond #1: Drainage Area 'PR1-1' (60.34 ac with 39.22 ac impervious) drains to batch detention pond #1 which removes 41,063 lbs, more than the required 33,066 lbs.

Pond #2: Drainage Area 'PR2-1' (33.53 ac with 14.08 ac impervious) drains to batch detention pond #2 which removes 14,948 lbs, more than the required 12,873 lbs.

VFS-1: Drainage Area 'PR1-2' includes an access drive which drains 0.50 ac of impervious cover across an adjacent VFS which removes 783 lbs, more than the required 457 lbs.

The total TSS removal (L_R) by these BMPs is 56,794 lbs which exceeds the required 46,396 lbs.

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 4.10 was used to model the hydrology of the site.

Drainage
Drainage/grading improvements proposed throughout the project will convey runoff to the water quality treatment measures.

Water
Domestic water service and fire flow will be supplied by the Headwaters MUD who purchases water from the West Travis County Public Utility Agency (WTCPUA)

Wastewater
Wastewater from the proposed facility will be collected via gravity by a 10" PVC service line and conveyed to a proposed on-site wastewater treatment plant. The effluent will be land applied on-site. The WWTP and TLAP applications will be submitted separately.

Geologic Assessment

Texas Commission on Environmental Quality

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

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

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

Signature

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

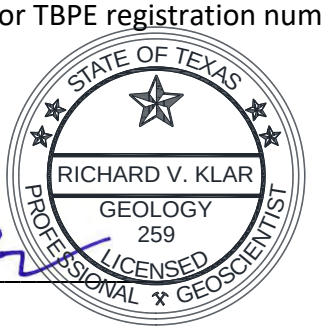
Print Name of Geologist: Richard V. Klar, P.G. Telephone: 210-699-9090

Date: March 2, 2020 Fax: 210-699-6426

Representing: Raba Kistner, Inc., TBPG Firm #50220 / TBPE Firm #3257 for Corgan

(Name of Company and TBPG or TBPE registration number)

Signature of Geologist:



Regulated Entity Name: Dripping Springs Elementary School No. 5 Property

Project Information

1. Date(s) of Geologic Assessment was performed: February 18-21, 2020
2. Type of Project:

☐ WPAP ☐ AST ☒ ***Contributing Zone Plan***
☐ SCS ☐ UST

3. Location of Project:

☐ Recharge Zone
☐ Transition Zone
☐ Contributing Zone within the Transition Zone
☒ ***Contributing Zone***

4. ☒ **Attachment A – Geologic Assessment Table**. Completed Geologic Assessment Table (Form TCEQ-0585-Table) is attached.

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

Table 1 - Soil Units, Infiltration Characteristics and Thickness

Soil Name	Group*	Thickness (feet)
Bolar clay loam, 1 to 3% slopes (BrB)	B	2-2.5
Brackett-Rock outcrop-Real complex, steep (BtD)	C	1-2
Comfort-Rock outcrop complex, undulating (CrD)	D	0.5-1.5
Doss silty clay, 1 to 5% slopes (DoC)	C	1-2
Purves clay, 1 to 5% slopes (PuC)	C	1-2
Real-Comfort-Doss complex, undulating (RcD)	C/D	0.5-1.5
Sunev clay loam, 1 to 3% slopes (SuB)	B	2-3

**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

Note: Bolar and Purves Series soils are not explicitly classified by the NRCS (1986). BrB and PuC soil units are classified as Group B and C, respectively based on information presented in The Soil Survey of Comal and Hays Counties, Texas prepared by the U.S.D.A. (June 1984).

6. ☒ **Attachment B – Stratigraphic Column**. A stratigraphic column showing formations, members, and thickness is attached. The outcropping unit, if present, should be at the top of the stratigraphic column. Otherwise, the uppermost unit should be at the top of the stratigraphic column.

7. ☒ **Attachment C – Site Geology**. A narrative description of the site specific geology including any features identified in the Geologic Assessment Table, a discussion of the potential for fluid movement to the Edwards Aquifer, stratigraphy, structure(s), and karst characteristics is attached.

8. ☒ **Attachment D – Site Geologic Map(s).** The Site Geologic Map must be the same scale as the applicant's Site Plan. The minimum scale is 1":400'.

   Applicant's Site Plan Scale: 1" = 200'
   Site Geologic Map Scale: 1" = 200'
   Site Soils Map Scale (if more than 1 soil type): 1" = 400'

9. Method of collecting positional data:

   ☒ Global Positioning System (GPS) technology.
   ☐ Other method(s). Please describe method of data collection: ___

10. ☒ The project site boundaries are clearly shown and labeled on the Site Geologic Map.

11. ☒ Surface geologic units are shown and labeled on the Site Geologic Map.

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

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

13. ☐ The Recharge Zone boundary is shown and labeled, if appropriate.

14. All known wells (test holes, water, oil, unplugged, capped and/or abandoned, etc.): If applicable, the information must agree with Item No. 20 of the WPAP Application Section.
    ☒ There are 21 (#) test holes present on the project site and the location is shown and and labeled. (Check all of the following that apply.)
    ☒ The test holes are not in use and have been properly abandoned.
    ☒ The test holes are not in use and will be properly abandoned.
    ☐ The wells are in use and comply with 16 TAC Chapter 76.
    ☐ There are no wells or test holes of any kind known to exist on the project site.

Administrative Information

☒ 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.

ATTACHMENTS

ATTACHMENT A

GEOLOGIC ASSESSMENT TABLE (TCEQ-0585-TABLE)

COMMENTS TO GEOLOGIC ASSESSMENT TABLE

SOIL PROFILE

SITE SOILS MAP

GEOLOGIC ASSESSMENT TABLE

PROJECT NAME: **Dripping Springs Elementary School No. 5 Property - Dripping Springs, Hays County, Texas**
RKI Project No. ASF20-019-00**)**

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	
S-1	N30 8 43.4	W98 0 28.7	CD	5	Kgr	19.0	6.0	0.5	NW-SE				F	6	11	✓		✓		Hilltop
S-2	N30 8 48.7	W98 0 29.2	CD	5	Kgr	26.0	7.0	0.7	NW-SE				F	6	11	✓		✓		Hilltop
S-3	N30 8 52.1	W98 0 13.1	CD	5	Kgr	28.0	12.0	0.8	E-W				F	6	11	✓		✓		Hilltop
S-4	N30 8 51.0	W98 0 10.0	CD	5	Kgr	9.0	6.0	1.5	NW-SE				F	6	11	✓		✓		Hilltop
S-5	N30 8 57.5	W98 0 7.6	CD	5	Kgr	75.0	51.0	~2+	N-S				F	6	11	✓			✓	Drainage
S-6	N30 9 12.0	W98 0 17.0	CD	5	Kgr	68.0	12.0	1.0	NW-SE				F	6	11	✓		✓		Hilltop
S-7	N30 9 12.5	W98 0 10.2	CD	5	Kgr	108.0	21.0	0.7	NE-SW	10			F	6	21	✓		✓		Hilltop
S-8	N30 9 2.3	W98 0 1.9	CD	5	Kgr	124.0	30.0	1.0	E-W				F	6	11	✓		✓		Hilltop
S-9	N30 9 0.7	W98 0 4.6	CD	5	Kgr	33.0	5.5	1.7	N-S				F	6	11	✓		✓		Hilltop
S-10	N30 8 59.8	W98 0 4.4	CD	5	Kgr	27.0	3.5	1.3	N-S				F	6	11	✓		✓		Hilltop
S-11	N30 9 2.6	W98 0 7.5	CD	5	Kgr	340.0	258.0	~4+	N-S				F	6	11	✓			✓	Drainage
S-12	N30 9 6.8	W98 0 7.3	CD	5	Kgr	100.0	96.0	~3+	N-S				F	6	11	✓			✓	Drainage
S-13	N30 9 8.7	W98 0 7.6	CD	5	Kgr	32.0	8.0	2.0	N-S				F	6	11	✓			✓	Drainage
S-14	N30 8 46.4	W98 0 26.5	MB (G)	30	Kgr	430.0	4.0	~6-8					F / X	8	38	✓		✓		Hilltop
S-15	N30 9 10.6	W98 0 16.9	MB (TH, DH-T1 West)	30	Kgr	0.4		300.0					F / X	8	38	✓		✓		Hilltop
S-16	N30 9 10.4	W98 0 13.8	MB (TH, DH-T2 East)	30	Kgr	0.4		300.0					F / X	8	38	✓		✓		Hilltop
S-17	N30 9 12.2	W98 0 32.2	MB (PTH, P-1)	30	Kgr	0.3		6.0					F / X	6	36	✓		✓		Hilltop
S-18	N30 9 6.04	W98 0 24.6	MB (PTH, P-2)	30	Kgr	0.3		6.0					F / X	6	36	✓		✓		Hilltop
S-19	N30 9 1.8	W98 0 26.8	MB (PTH, P-3)	30	Kgr	0.3		6.0					F / X	6	36	✓		✓		Hilltop
S-20	N30 9 0.1	W98 0 17.5	MB (PTH, P-4)	30	Kgr	0.3		6.0					F / X	6	36	✓		✓		Hilltop
S-21	N30 8 56.2	W98 0 26.6	MB (PTH, P-5)	30	Kgr	0.3		6.0					F / X	6	36	✓		✓		Hilltop
S-22	N30 8 55.3	W98 0 21.2	MB (PTH, P-6)	30	Kgr	0.3		6.0					F / X	6	36	✓		✓		Hilltop
S-23	N30 8 55.0	W98 0 25.7	MB (PTH, B-1)	30	Kgr	0.3		40.0					F / X	6	36	✓		✓		Hilltop
S-24	N30 8 54.5	W98 0 23.8	MB (PTH, B-2)	30	Kgr	0.3		40.0					F / X	6	36	✓		✓		Hilltop
S-25	N30 8 54.1	W98 0 22.4	MB (PTH, B-3)	30	Kgr	0.3		25.0					F / X	6	36	✓		✓		Hilltop
S-26	N30 8 55.0	W98 0 25.7	MB (PTH, B-4)	30	Kgr	0.3		42.3					F / X	6	36	✓		✓		Hilltop
S-27	N30 8 54.2	W98 0 24.8	MB (PTH, B-5)	30	Kgr	0.3		25.0					F / X	6	36	✓		✓		Hilltop
S-28	N30 8 53.6	W98 0 25.8	MB (PTH, B-6)	30	Kgr	0.3		40.0					F / X	6	36	✓		✓		Hilltop
S-29	N30 8 53.2	W98 0 24.1	MB (PTH, B-7)	30	Kgr	0.3		25.0					F / X	6	36	✓		✓		Hilltop
S-30	N30 8 52.9	W98 0 22.4	MB (PTH, B-8)	30	Kgr	0.3		25.0					F / X	6	36	✓		✓		Hilltop
S-31	N30 8 52.4	W98 0 20.8	MB (PTH, B-9)	30	Kgr	0.3		25.0					F / X	6	36	✓		✓		Hilltop
S-32	N30 8 51.9	W98 0 23.6	MB (PTH, B-10)	30	Kgr	0.3		40.0					F / X	6	36	✓		✓		Hilltop
S-33	N30 8 51.2	W98 0 21.9	MB (PTH, B-11)	30	Kgr	0.3		40.0					F / X	6	36	✓		✓		Hilltop
S-34	N30 8 51.8	W98 0 27.3	MB (PTH, F-1)	30	Kgr	0.3		15.0					F / X	6	36	✓		✓		Hilltop
S-35	N30 8 51.2	W98 0 24.7	MB (PTH, F-2)	30	Kgr	0.3		15.0					F / X	6	36	✓		✓		Hilltop

*** DATUM:** ***NAD 83***

Features: G = natural gas pipeline; TH = test hole; PTH = plugged test hole

Kgr = Glen Rose Formation

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: ***Granular bedding materials for utility line (Feature S-14), bentonite and crushed stone (Features S-15 and S-16), and site-derived soil cuttings (Features S-17 through S-35).***

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

STATE OF TEXAS
RICHARD V. KLAR
GEOLOGY
259
LICENSED
PROFESSIONAL GEOSCIENTIST

Date: *3/2/2020*

Sheet 1 of 1

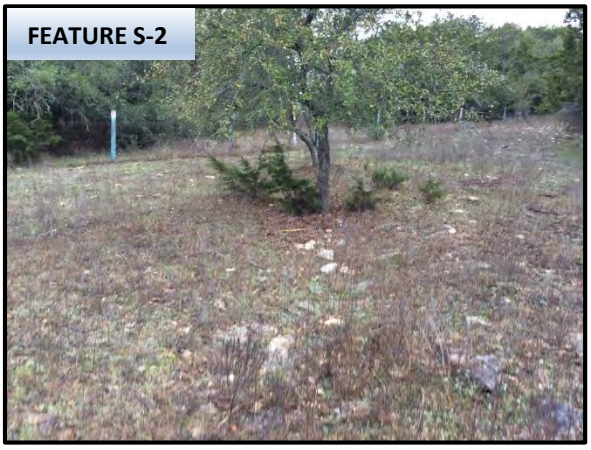
TCEQ-0585-Table (Rev. 10-01-04)

COMMENTS TO GEOLOGIC ASSESSMENT TABLE
Dripping Springs Elementary School No. 5 Property
Dripping Springs, Hays County, Texas

The locations of the following features are indicated on the ***Site Geologic Map*** provided as ***Attachment D*** of this report.

Non Karst Closed Depressions

Features S-1 and S-2 (CD-Subsidence):

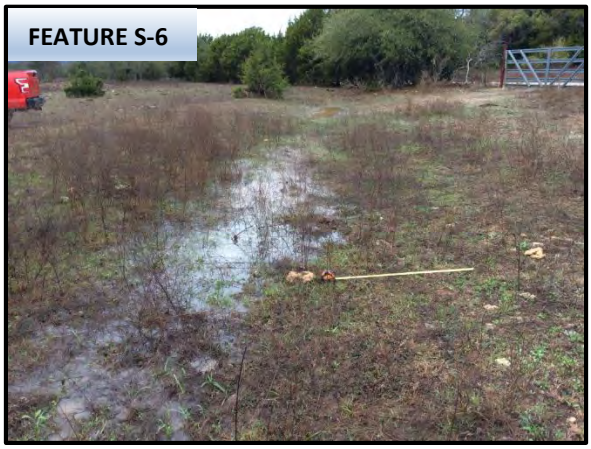


Features S-1 and S-2 consist of non-karst closed depressions apparently formed from subsidence or surface scour adjacent to an existing natural gas pipeline utility (***Feature S-14***). The features are located in the southwest corner of the property. Feature dimensions are reported in length, width, and depth, respectively as follows:

- ***Feature S-1:*** 19 x 6 x 0.5 feet.
- ***Feature S-2:*** 26 x 7 x 0.7 feet.

The features are limited to the soil horizon with no connection to the underlying limestone bedrock.

Features S-3, S-4, S-6, S-7, and S-8 (CD-Surface Scours):



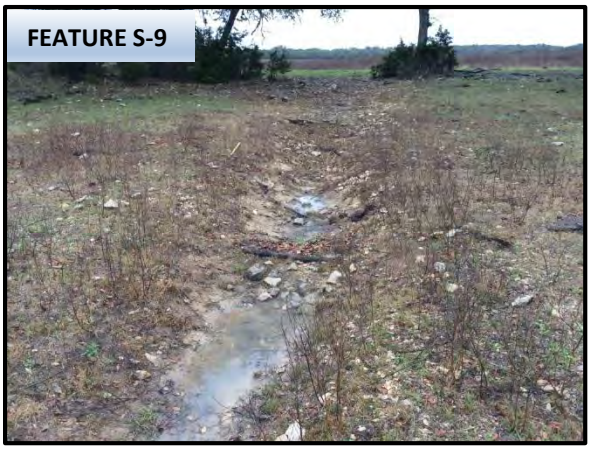
Features S-3, S-4, S-6, S-7, and S-8 consist of non-karst closed depressions formed by surface scour along earthen berms constructed historically in conjunction with ranch operations to direct storm water towards the ephemeral drainage feature that crosses the east part of the property from north to south.

The drainage feature connects to an unnamed tributary of Onion Creek located south of the SITE. Feature dimensions are reported in length, width, and depth, respectively as follows:

- ***Feature S-3:*** 28 x 12 x 0.8 feet.
- ***Feature S-4:*** 9 x 6 x 1.5 feet.
- ***Feature S-6:*** 68 x 12 x 1 feet.
- ***Feature S-7:*** 108 x 21 x 0.7 feet.
- ***Feature S-8:*** 124 x 30 x 1 feet.

The features are limited to the soil horizon with no connection to the underlying limestone bedrock. ***Features S-6*** and ***S-7*** were observed to contain ponded water.

Features S-9, S-10, and S-13 (CD-Ephemeral Drainage Scours):



Features S-9, S-10, and S-13 consist of non-karst closed depressions formed by scour within the ephemeral drainage feature that crosses from north to south within the east part of the property. The drainage feature hosts three stock ponds utilized historically to support ranch operations. As described

below with respect to ***Features S-5, S-11***, and ***S-12***. The feature dimensions are reported in length, width, and depth, respectively as follows:

- ***Feature S-9:*** 33 x 5.5 x 0.7 feet.
- ***Feature S-10:*** 27 x 3.5 x 1.3 feet.
- ***Feature S-13:*** 32 x 8 x 2 feet.

Bedrock exposures were present along the channel floor at ***Features S-9*** and ***S-10***. Ponded water was observed in ***Features S-9*** and ***S-13***.

Features S-5. S-11, and S-12 (CD-Stock Ponds):

Feature S-5 (CD):

Feature S-5 consists of a small stock pond containing water. The feature is located within the east-central part of the SITE, just south of a fence line that crosses the property from west to east. The feature dimensions are on the order of 75 x 51 in length and width, respectively. The depth of the stock pond is estimated to be approximately 2+ feet.

Feature S-11 (CD):

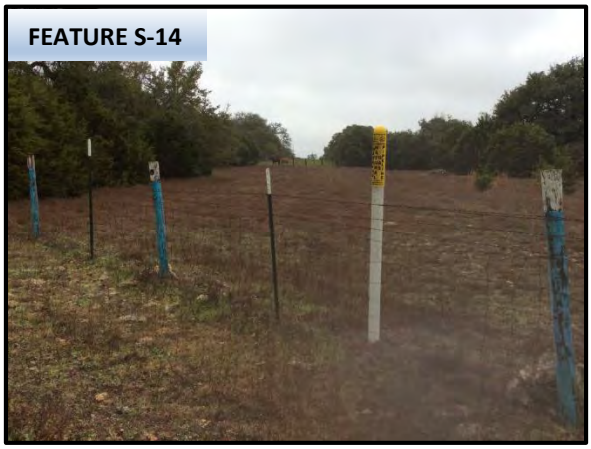
Feature S-11 consists of a large stock pond containing water. The feature is located within the east-central portion of the property. The feature dimensions are on the order of 340 x 258 feet in length and width, respectively. The depth of the stock pond is estimated to be approximately 4+ feet. A manmade berm was observed along the south edge of the stock pond. Patchy limestone exposures were observed around the north, east, and west sides of the feature.

Feature S-12 (CD):

Feature S-12 consists of a small stock pond containing water. The feature is located north of the large stock pond (***Feature S-11***) within the east portion of the property. The feature dimensions are on the order of 100 x 96 feet in length and width, respectively. The depth of the stock pond is estimated to be approximately 3+ feet.

Manmade Features

Feature S-14 (MB-Utility):



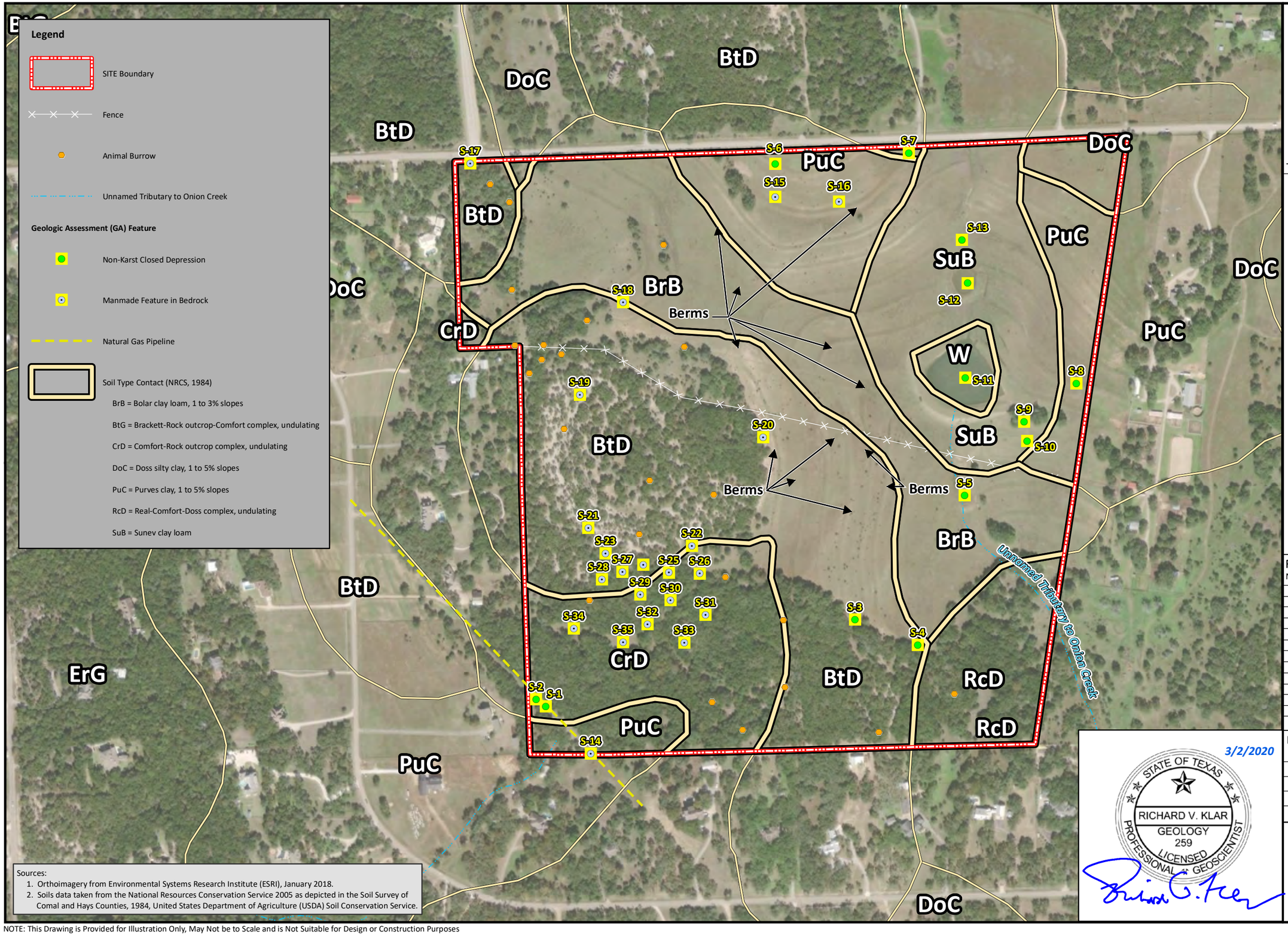
Feature S-14 consists of a natural gas transmission pipeline. According to the Railroad Commission of Texas (RRC) Public GIS Viewer website http://gis.rrc.texas.gov/GISViewer/, the pipeline is operated by Enterprise Products Operating LLC. On the basis of our observations, it is inferred that the trench hosting the utility line is installed 6-8 feet or more into the Glen Rose formation. The length of the utility trench within the project area is estimated on the order of 430 linear feet.

Features S-15 and S-16 (MB-Test Holes)

Features S-15 and S-16 consist of test borings installed by Geothermal Resource Technologies, Inc. on October 17, 2019 to perform thermal conductivity testing to support the design of a geothermal heating, ventilation, and air conditioning (HVAC) system for the proposed school. Both test holes were reportedly installed to depths of 300 feet below ground surface (bgs). The test holes are existing with a bentonite surface seal. Electrical tubing is present and sealed within each of the borings, but is currently capped for possible future testing.

Features S-17 through S-35 (MB):

Features S-17 through S-35 consists of eighteen test holes drilled from December 19, 2019 through December 31, 2019 for a geotechnical engineering study prepared by **Raba Kistner, Inc.** The borings were installed to evaluate soil conditions within the building footprint, pavement area, and athletic field area for the proposed school development. These test holes were reportedly installed to depths on the order of 6-42.3 feet below ground surface. Based on our interpretation of the boring log data, the borings were terminated in the upper member of the Glen Rose formation. The test holes appear to have been effectively plugged using site-derived (clay) soil cuttings and abandoned following the completion of drilling activities.



Sources:
1. Orthoimagery from Environmental Systems Research Institute (ESRI), January 2018.
2. Soils data taken from the National Resources Conservation Service 2005 as depicted in the Soil Survey of Comal and Hays Counties, 1984, United States Department of Agriculture (USDA) Soil Conservation Service.

NOTE: This Drawing is Provided for Illustration Only, May Not be to Scale and is Not Suitable for Design or Construction Purposes

RABA KISTNER
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San Antonio, Texas 78249

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F 210.699.6426

www.rkci.com

TBPE Firm F-3257 / TBPG Firm #50220

SITE SOILS MAP

DRIPPING SPRINGS ELEMENTARY SCHOOL NO. 5 PROPERTY
DRIPPING SPRINGS, HAYS COUNTY, TEXAS

REVISIONS:

No.	DATE	DESCRIPTION

3/2/2020

STATE OF TEXAS
RICHARD V. KLAR
GEOLOGY
259
LICENSED
PROFESSIONAL GEOSCIENTIST

PROJECT No.:	ASF20-019-00
ISSUE DATE:	03-02-2020
DRAWN BY:	LAW
CHECKED BY:	CRM/KWG
REVIEWED BY:	RVK

N
W E
S

0 100 200 400 FEET

1 INCH = 400 FEET

SOIL PROFILE
Dripping Springs Elementary School No. 5 Property
Dripping Springs, Hays County, Texas

SOIL SERIES	THICKNESS ON SITE	DESCRIPTION
Bolar	**2-2.5 feet**	***Bolar clay loam,1-3% slopes (BrB):*** This is a moderately deep, gently sloping soil on concave valley slopes and foot slopes of hills on uplands in the Edwards Plateau, which consist of long and narrow areas. The surface layer is a dark grayish brown and dark brown, clay loam approximately 14 inches thick. The subsoil is a brown clay loam extending to depths of approximately 28 inches. The soil is moderately alkaline and calcareous throughout.
Brackett	**1-2 feet**	***Brackett-Rock outcrop-Comfort complex, undulating (BtD):*** This complex consists of shallow, loamy soils and Rock outcrop on uplands in the Edwards Plateau. On average, Brackett soils make up 50% of the complex. The Rock outcrop makes up 20% and the Comfort soil makes up 15% of this complex. The surface layer of the Brackett soil is grayish brown gravelly clay loam, typically about 6 inches thick. The subsoil is a very pale brown and pale yellow gravelly clay loam extending to a depth of approximately 17 inches. The underlying material is weakly cemented limestone interbedded with thin layers of indurated limestone. The soil is moderately alkaline and calcareous throughout. The surface layers of the Comfort soil is dark brown extremely stony clay approximately 4 inches thick. The subsoil consists of dark reddish brown extremely stony clay extending to a depth of 11 inches. The underlying material is fractured limestone.
Comfort	**0.5-1.5 feet**	***Comfort-Rock outcrop complex, undulating (CrD):*** This complex comprises shallow clayey soils and limestone outcrops on side slopes, hilltops, and ridgetops in the Edwards Plateau. On average, Comfort soils make of 70% of the complex with the Rock outcrop averaging 15%. Areas of limestone outcrop form narrow horizontal bands, and Comfort soils occur between the bands. The surface layer of the Comfort soil is dark brown, extremely stony clay, typically about 6 inches thick. Cobbles to 4 feet in diameter are abundant. The subsoil is dark reddish-brown clay, extremely stony and occurs to depths of about 13 inches.
Doss	**1-2 feet**	***Doss silty clay, 1-5% slopes (DoC):*** This complex comprises a shallow, gently sloping soil on convex slopes of low hills and ridges on uplands in the Edwards Plateau. The surface layer is typically a dark grayish brown silty clay approximately 9 inches thick. The subsoil is a yellowish brown clay loam extending to a depth of 18 inches. The underlying material is weakly cemented limestone and marl extending to a depth of 24 inches. The soil is moderately alkaline and calcareous throughout with a few noncalcareous surface layer area.

Purves	**1-2 feet**	***Purves clay, 1-5% slopes (PuC):*** This complex comprises shallow gently sloping soil on uplands with long and narrow areas. The surface layer of the is a very dark gray clay, typically about 10 inches thick. The subsoil layers are a dark gray clay to a depth of 16 inches, which is underlain to a depth of 19 inches by dark grayish brown clay that consists of approximately 10% of coarse fragments of limestone. The underlying layer is fractured indurated limestone bedrock.
Real	**0.5-1.5 feet**	***Real-Comfort-Doss complex, undulating (RcD):*** This complex comprises shallow, loamy clayey soils on low hills and ridges on uplands in the Edwards Plateau. On average, Real soils make up 40% of the complex with Comfort soils and Doss soils making up 30% and 20%, respectively. The surface layer of the Real soils is very dark grayish brown gravelly loam about 8 inches thick. The underlying material is weakly cemented limestone interbedded with thin layers of inundated limestone. The surface layer of the Comfort soil is dark brown very stony clay approximately 8 inches. The subsoil is dark reddish-brown clay, extremely stony and occurs to depths of about 13 inches. The surface layer of the Doss soils is typically dark brown clay loam about 7 inches thick. The subsoil extends to a depth of 13 inches of a reddish brown clay loam (approximately 15% limestone and caliche gravel). The underlying material is weakly cemented limestone and marl.
Sunev	**2-3 feet**	***Sunev clay loam (SuB):*** The areas of this complex are long and narrow consisting of a deep, gently sloping soil on valley slopes and foot slopes on uplands in the Edwards Plateau. The surface layer is a dark grayish brown clay approximately 11 inches thick. The subsoil extends to a depth of 35 inches and consists of brown clay loam. The underlying material is a reddish yellow clay loam that, by volume, is approximately 15% comprised of soft masses and concretions of calcium carbonate. The soil is moderately alkaline and calcareous throughout.

The preceding table was prepared on the basis of information provided in the *Soils Survey of Comal and Hays Counties, Texas (June 1984)* in addition to field observations. As presented on the attached ***Site Soils Map***, various soil units are mapped throughout the subject property including: (i) Bolar clay loam,1-3% slopes (BrB) [30.7 acres], (ii) Brackett-Rock outcrop-Comfort complex, undulating (BtD) [51.6 acres] (iii) Comfort-Rock outcrop complex, undulating (CrD) [18.0 acres], (iv) Doss silty clay, 1-5% slopes (DoC) [2.6 acres], (v) Purves clay, 1-5% slopes (PuC) [20.7 acres], (vi) Real-Comfort-Doss complex, undulating (RcD) [9.2 acres], and (vii) Sunev clay loam (SuB) [20.2 acres]. Each of the referenced soils are weakly-developed and relatively thin, occurring over weathered limestone units of the upper Glen Rose Formation. The soil units are reported to exhibit low to moderate permeability (0.06-0.2 inches/hour to 0.6-2 inches/hour). All soils are reported as having low to moderate shrink-swell potential with the exception the Purves soils (i.e., high shrink-swell potential).

Reported test hole data (**RKI**, 2020) confirms approximately 2-4 feet of brown clayey soils, which are generally consistent with the soil types mapped along the west portion of the SITE.

ATTACHMENT B

STRATIGRAPHIC COLUMN

STRATIGRAPHIC COLUMN
Dripping Springs Elementary School No. 5 Property
Dripping Springs, Hays County, Texas

STRATIGRAPHIC FORMATION	THICKNESS	DESCRIPTION
Edwards Limestone		***Not present at the SITE.***
Glen Rose Formation (Kgr)		
Upper Member (Kgru)	350-500 feet	Yellowish tan thinly bedded limestone and marl typically exhibiting "stair-step" topography comprised of alternating limestone and marl units with minor evaporate layers. The Upper Glen Rose is more dolomitic and less fossiliferous than the Lower Glen Rose. ***Patchy exposures were observed at the base of the hill and along the base of the ephemeral drainage feature.***
Lower Member (Kgrl)	160 feet	Includes alternating resistant and recessive beds of limestone, dolomite, and marl; limestone is light gray to yellowish-gray, aphanitic to fine-grained, hard to soft, marly; dolomite is fine-grained, porous, yellowish-brown. ***Not present at the SITE.***

Note: Stratigraphic Column adapted from Barnes (1981) and Small and Hanson (1995).

ATTACHMENT C

NARRATIVE OF SITE SPECIFIC GEOLOGY

SITE GEOLOGY NARRATIVE
Dripping Springs Elementary School No. 5 Property
Dripping Springs, Hays County, Texas

Introduction

The following discussion is a site-specific assessment of existing geological conditions and potential recharge features within the referenced project site. This assessment was performed by **Raba Kistner, Inc. (RKI)** for Corgan, pursuant to a Memorandum of Understanding (MOU) established by the U.S. Fish and Wildlife Service (USFWS) and Lower Colorado River Authority (LCRA). The MOU requires that Optional Enhanced Measures for environmental protection stipulated by the Texas Commission on Environmental Quality (TCEQ) be implemented in conjunction with land development, which includes the performance of a Geologic Assessment. This assessment report was prepared in accordance with the revised *Instructions to Geologists for Geologic Assessments on the Edwards Aquifer Recharge/Transition Zones (TCEQ-0585)*, which are applicable to submittals received by the TCEQ after October 1, 2004.

This geologic assessment report documents conditions observed by **RKI** within the project boundaries from February 18-21, 2020.

Site Description

Site Location. The subject property comprises a 155.8-acre tract of undeveloped ranch land located southeast of Darden Hill Road and Sawyer Ranch Road, in Dripping Springs, Hays County, Texas (i.e., hereinafter referred to as SITE). The west portion of the SITE will host an elementary school facility with associated parking and athletic field. Based on review of official maps published by the Texas Commission on Environmental Quality (TCEQ), the SITE is fully-located within the Edwards Aquifer Contributing Zone (EACZ).

Topography and Drainage. Topographic information on the U.S. Geological Survey (USGS, 2012 and 2013) 7.5-minute topographic maps (i.e., Dripping Springs and Signal Hill Quadrangles) was reviewed to evaluate general surface conditions and drainage patterns for the SITE. Topographic conditions for the SITE consists of gently sloping land surrounding a prominent hill feature, which comprises the west-central portion of the property. The maximum elevation is approximately 1160 feet above mean sea level (msl) and slopes to the southwest and southeast to elevations of approximately 1100 msl. As indicated by topographic contours presented on the ***Site Geologic Map***, the surface drainage patterns for the SITE are generally away from the circular hilltop in all directions. Surface runoff from the hill to the northeast, east, and southeast is directed toward an ephemeral drainage feature that crosses the SITE from the north to south by series of manmade soil berms. Surface water entering the drainage channel is impounded at three locations by existing stock ponds, with some drainage exiting the southeast corner of the property. Ultimate storm water discharge is to Onion Creek, which is located approximately 1.5 miles to the west. A review of Flood Insurance Rate Map (FEMA, 2009) indicates that no portion of the SITE is located within 100-year or 500-year floodplain areas as depicted on official maps.

Historical Property Use. Although research pertaining to past SITE operations and historical land use activities was beyond the scope of this assessment, historical aerial imagery was reviewed to evaluate historical land use and the presence of lineations that could indicate the presence of normal faulting. The following aerial photographs from Google Earth™ were reviewed: 1995, 2002, 2006, 2009, 2012, 2014, 2016, and 2018. The aerial images from 1995 to 2018 indicate that the SITE was undeveloped as part of a larger ranch property. Manmade soil berms are visually present in all aerials reviewed. The SITE conditions appear essentially unchanged with negligible differences in vegetation in comparison with previous aerial imagery. As presented on the attached ***Site Geologic Map,*** current adjacent properties include vacant land and residential (i.e., ranch properties) to the north, west, south, and east.

Classification of Recharge Features: As further described herein, no naturally-occurring features attributing to karstification of limestone terrain and/or erosional processed were identified within SITE boundaries. Features identified and discussed below include 21 manmade features (i.e., test holes). The significance of these features was assessed using definitions and guidance provided in *Instructions to Geologists (TCEQ-0585-Instructions, revised October 1, 2004)*. All features within the SITE that met the criteria presented in this reference were mapped. The characteristics of all mapped features and the assessments of these features, as defined by the TCEQ, are presented in the attached ***Geologic Assessment Table (TCEQ-0585)***.

Stratigraphy

As presented in the attached ***Stratigraphic Column***, information pertaining to the lithology of the geologic unit underlying the SITE was taken from Small and Hanson (1995). The published data referenced indicates that the SITE is underlain by the Upper Glen Rose Limestone (Kgru). The Kgru is comprised of dolomite and marl in alternating resistant and recessive beds forming a stair step topography ranging from 350 to 500 feet. The upper member is known to support karst feature development and springs. Review of the test hole data (**RKI**, 2020) is consistent with the published geology (i.e, tan weathered limestone to gray limestone). Patchy exposures of the Kgru were observed at the base of the hill and along the base of the ephemeral drainage feature in the west and east portions of the SITE, respectively

Structure

This SITE is located along the southern edge of the Balcones Fault Zone and, as such, is expected to exhibit a similar dominant structural trend. The Balcones Fault Zone generally consists of a northeast-southwest trending, *en echelon* normal fault system, which juxtaposes Upper Cretaceous lithologies in the southeast with Lower Cretaceous lithologies in the northwest. As a result of this large-scale regional faulting, minor internal fault sequences and fractures exist within this zone which generally follow the same structural trend and accommodate localized displacement.

Based on review of historical aerial photographs, published maps, and in conjunction with field mapping efforts, no indications of lineations that could be associated with normal faulting were identified within the boundaries of the SITE.

Karst Features

Although patchy exposures of limestone bedrock were identified along the west (base of the hill) and along east (base of the ephemeral drainage feature) portions of the SITE, the results of field mapping activities within SITE boundaries did not reveal the presence of any features that could be attributed to karstification of the underlying limestone terrain. Soil cover is greater than 1-2 feet is generally present throughout the SITE.

Non-Karst Closed Depressions

A total of 13 non-karst closed depressions were identified during field reconnaissance. Provided below is information pertaining to each non-karst closed depression mapped:

- ***Features S-1*** and ***S-2*** appear to have formed from surface scour or differential settlement along an existing natural gas pipeline utility located in the southwest corner of the property. The features are not connected directly to the subsurface. Both features are classified as not sensitive owing to the non-karst origin of the closed depressions and estimated low relative infiltration rate (i.e., no evidence of capacity for rapid infiltration).

- ***Features S-3, S-4, S-6, S-7, and S-8*** appear to have formed by surface scour from the conveyance of storm water along constructed earthen berms towards the ephemeral drainage feature. The features are located in the southeast, north, and east portions of the property. These features are limited to the soil zone with no apparent connection to underlying bedrock. Pursuant to point assignment criteria and professional judgment, the non-karst closed depressions are collectively classified as not sensitive, having low potential of transmitting fluids to the subsurface.

- ***Features S-9, S-10, and S-13*** consist of non-karst closed depressions formed by scour within the ephemeral drainage feature that crosses the property from the north to south. Although bedrock exposures were present along the channel floor at ***Features S-9*** and ***S-10,*** ponded water was observed in ***Features S-9*** and ***S-13***. These features are collectively classified as not sensitive and as having low potential of transmitting fluids to the subsurface.

- ***Features S-5, S-11, and S-12*** consist of manmade stock ponds as clearly indicated in the aerial photographs since at least 1995. The features, vary in size owing to rainfall and runoff, are located in the east-central portion of the SITE. Given the function (i.e., ranching purposes) of the ponds and presence of ponded water, the features are collectively classified as not sensitive and as having a low potential of transmitting fluids into the subsurface.

Manmade Features

As presented on the ***Site Geologic Map***, a total of 21 manmade features were identified that may potentially serve to enhance the transmission of surface runoff to the subsurface. The features consist of existing and former test holes that meet the criteria for assessment as manmade features in bedrock. None of the manmade features were observed in conjunction with any naturally-occurring recharge features.

- ***Features S-15 and S-16*** (State of Texas Well Report Tracking Nos. 5307742 and 530777, respectively) consist of existing closed-loop geothermal borings based on information reviewed in the Texas Water Development Board (TWDB) Water Interactive Data (WID) website https://www2.twdb.texas.gov/apps/WaterDataInteractive/GroundwaterDataViewer/?map=sdr. The annular seal for the boreholes is comprised of bentonite to total depth (***Feature S-15***) and to a depth of 30 feet underlain by 3/8-inch gravel (***Feature S-16***). The bentonite seal and piping were observed to be intact and capped, respectively.

- ***Features S-17 through S-35*** are geotechnical soil borings installed by **Raba Kistner, Inc.** from December 19 through December 31, 2019 to evaluate engineering characteristics as necessary to develop structural, pavement, and athletic field recommendations. The borings were reportedly drilled to depths on the order of 6 to 42.3 feet and plugged with site-derived (clay) soil cuttings upon completion of drilling activities.

The existing and former test holes are collectively classified as not sensitive as these are either fully plugged or contain a bentonite surface seal. These classifications are based upon the point assignment criteria presented in the ***Geologic Assessment Table (TCEQ-0585)*** and professional judgment.

Potential for Fluid Migration to the Edwards Aquifer

The majority of the SITE is characterized by intact limestone with overlying clay soils having very slow to moderate published infiltration rates. Based on our review of SITE geology, topography and drainage conditions, in addition to the results of our detailed mapping efforts, the overall potential for fluid movement (i.e., surface-derived flow) to the subsurface is considered to be low. The following assessment findings support this conclusion.

- The Edwards Limestone does not exist at the SITE and the subject property is fully located within the Edwards Aquifer Contributing Zone.
- The capacity for direct infiltration of surface runoff or is limited owing to presence of clay soils overlying thinly-bedded, clayey limestone strata of the Upper Glen Rose Formation.
- No sensitive or other naturally-occurring recharge features were identified within SITE boundaries that may be attributed to karstification of limestone terrain. All natural features identified were erosional in nature and exhibited a propensity for holding as opposed to transmitting water to the subsurface.

References

Barnes, V. L., 1974, Geologic Atlas of Texas Austin Sheet; Bureau of Economic Geology, The University of Texas at Austin, Austin, Texas.

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Small, T. A. and Hanson, J. A., 1995, Geologic Framework and Hydrogeologic Characteristics of the Edwards Aquifer Outcrop, Hays County, Texas: U.S. Geological Survey Water Resources Investigations Report 95-464.

Texas Commission on Environmental Quality Edwards Aquifer Protection Program, Edwards Aquifer Map, https://tceq.maps.arcgis.com/apps/webappviewer/index.html?id=2e5afa3ba8144c30a49d3dc1ab49edcd, accessed February 27, 2020.

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United States Department of Agriculture (USDA), 1984, Soil Survey of Comal and Hays Counties, Texas; USDA / Soil Conservation Service / Texas Agricultural Experiment Station.

United States Department of Agriculture (USDA), 1986, Urban Hydrology for Small Watersheds; USDA / Natural Resource Conservation Service, Technical Release (TR-) 55, June 1986.

ATTACHMENT D

FEATURE POSITION TABLE (GPS COORDINATES)

SITE GEOLOGIC MAP

FEATURE POSITION TABLE

Dripping Springs Elementary School No. 5 Property

Dripping Springs, Hays County, Texas

RKI Project No. ASF20-019-00

Feature Designation	Feature Type	Date Collected	North Latitude	West Longitude	UTM Northing (meters)	UTM Easting (meters)
S-1	Non-karst closed depression	2/18/2020	N30 8 43.4	W98 0 28.7	3335466	595539
S-2	Non-karst closed depression	2/18/2020	N30 8 48.7	W98 0 29.2	3335474	595526
S-3	Non-karst closed depression	2/19/2020	N30 8 52.1	W98 0 13.1	3335584	595954
S-4	Non-karst closed depression	2/19/2020	N30 8 51.0	W98 0 10.0	3335549	596040
S-5	Non-karst closed depression	2/19/2020	N30 8 57.5	W98 0 7.6	3335450	596103
S-6	Non-karst closed depression	2/19/2020	N30 9 12.0	W98 0 17.0	3336196	595848
S-7	Non-karst closed depression	2/19/2020	N30 9 12.5	W98 0 10.2	3336210	596027
S-8	Non-karst closed depression	2/19/2020	N30 9 2.3	W98 0 1.9	3335901	596253
S-9	Non-karst closed depression	2/19/2020	N30 9 0.7	W98 0 4.6	3335849	596183
S-10	Non-karst closed depression	2/19/2020	N30 8 59.8	W98 0 4.4	3335823	596187
S-11	Non-karst closed depression	2/19/2020	N30 9 2.6	W98 0 7.5	3335908	596103
S-12	Non-karst closed depression	2/19/2020	N30 9 6.8	W98 0 7.3	3336036	596107
S-13	Non-karst closed depression	2/20/2020	N30 9 8.7	W98 0 7.6	3336094	596099
S-14	Manmade Feature in Bedrock (Natural Gas Pipeline)	2/18/2020	N30 8 46.4	W98 0 26.5	3336010	595643
S-15	Manmade Feature in Bedrock (Plugged Test Hole, DH-T1 West)	2/19/2020	N30 9 10.6	W98 0 16.9	3336151	595848
S-16	Manmade Feature in Bedrock (Plugged Test Hole, DH-T2 East)	2/19/2020	N30 9 10.4	W98 0 13.8	3336145	595934
S-17	Manmade Feature in Bedrock (Plugged Test Hole, P-1)	2/21/2020	N30 9 12.2	W98 0 32.2	3336192	595436
S-18	Manmade Feature in Bedrock (Plugged Test Hole, P-2)	2/20/2020	N30 9 6.04	W98 0 24.6	3336009	595644
S-19	Manmade Feature in Bedrock (Plugged Test Hole, P-3)	2/18/2020	N30 9 1.8	W98 0 26.8	3335878	595587
S-20	Manmade Feature in Bedrock (Plugged Test Hole, P-4)	2/18/2020	N30 9 0.1	W98 0 17.5	3335827	595837
S-21	Manmade Feature in Bedrock (Plugged Test Hole, P-5)	2/18/2020	N30 8 56.2	W98 0 26.6	3335705	595594

FEATURE POSITION TABLE

Dripping Springs Elementary School No. 5 Property

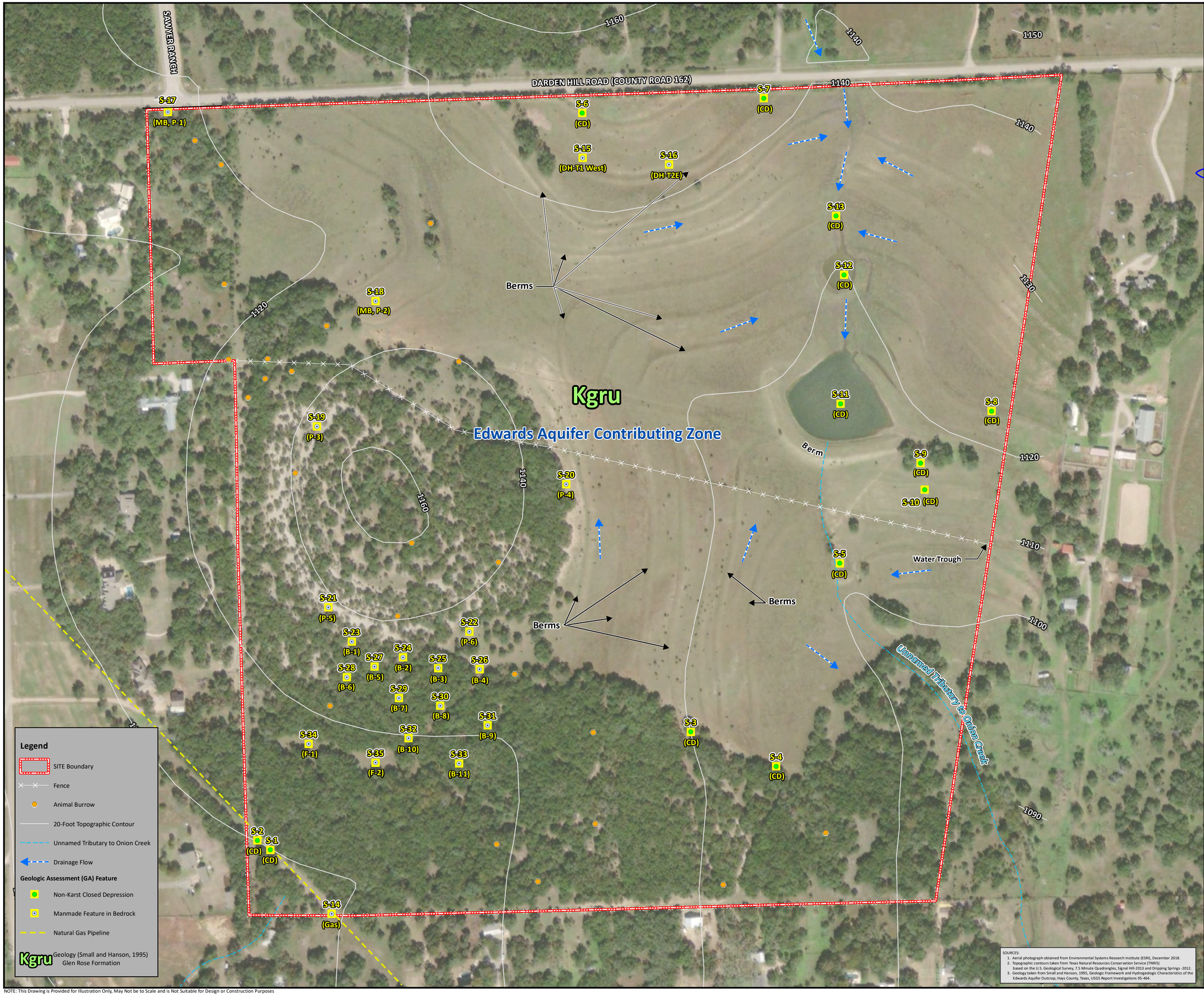
Dripping Springs, Hays County, Texas

RKI Project No. ASF20-019-00

Feature Designation	Feature Type	Date Collected	North Latitude	West Longitude	UTM Northing (meters)	UTM Easting (meters)
S-22	Manmade Feature in Bedrock (Plugged Test Hole, P-6)	2/18/2020	N30 8 55.3	W98 0 21.2	3335679	595738
S-23	Manmade Feature in Bedrock (Plugged Test Hole, B-1)	2/18/2020	N30 8 55.0	W98 0 25.7	3335669	595618
S-24	Manmade Feature in Bedrock (Plugged Test Hole, B-2)	2/18/2020	N30 8 54.5	W98 0 23.8	3335655	595670
S-25	Manmade Feature in Bedrock (Plugged Test Hole, B-3)	2/18/2020	N30 8 54.1	W98 0 22.4	3335641	595706
S-26	Manmade Feature in Bedrock (Plugged Test Hole, B-4)	2/18/2020	N30 8 55.0	W98 0 25.7	3335643	595747
S-27	Manmade Feature in Bedrock (Plugged Test Hole, B-5)	2/18/2020	N30 8 54.2	W98 0 24.8	3335643	595643
S-28	Manmade Feature in Bedrock (Plugged Test Hole, B-6)	2/18/2020	N30 8 53.6	W98 0 25.8	3335627	595616
S-29	Manmade Feature in Bedrock (Plugged Test Hole, B-7)	2/18/2020	N30 8 53.2	W98 0 24.1	3335615	595660
S-30	Manmade Feature in Bedrock (Plugged Test Hole, B-8)	2/18/2020	N30 8 52.9	W98 0 22.4	3335605	595707
S-31	Manmade Feature in Bedrock (Plugged Test Hole, B-9)	2/18/2020	N30 8 52.4	W98 0 20.8	3335590	595751
S-32	Manmade Feature in Bedrock (Plugged Test Hole, B-10)	2/18/2020	N30 8 51.9	W98 0 23.6	3335574	595674
S-33	Manmade Feature in Bedrock (Plugged Test Hole, B-11)	2/18/2020	N30 8 51.2	W98 0 21.9	3335552	595723
S-34	Manmade Feature in Bedrock (Plugged Test Hole, F-1)	2/18/2020	N30 8 51.8	W98 0 27.3	3335570	595577
S-35	Manmade Feature in Bedrock (Plugged Test Hole, F-1)	2/18/2020	N30 8 51.2	W98 0 24.7	3335553	595646

NOTES:

1) Geographic coordinates are presented Degrees, Minutes, Decimal Seconds
2) Reference Datum is NAD 83
3) Data were collected utilizing a ***Garmin GPS 60cx Global Positioning System***
4) Horizontal Accuracy: RMS Value < 3 meter ground resolution
5) GPS data were collected by Chris Murrary and Kyle Gillespie (**RKI** Project Professionals).



NOTE: This Drawing is Provided for Illustration Only, May Not be to Scale and is Not Suitable for Design or Construction Purposes

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3/2/2020

STATE OF TEXAS
RICHARD V. KLAR
GEOLOGY
259
LICENSED
PROFESSIONAL GEOSCIENTIST

SITE GEOLOGIC MAP

DRIPPING SPRINGS ELEMENTARY SCHOOL NO. 5 PROPERTY
DRIPPING SPRINGS, HAYS COUNTY, TEXAS

REVISIONS:

No.	DATE	DESCRIPTION

PROJECT No.: ASF20-019-00

ISSUE DATE:	03-02-2020
DRAWN BY:	LAW
CHECKED BY:	KWG/CRM
REVIEWED BY:	RVK

N
W E
S
0 50 100 200
FEET
1 INCH = 200 FEET

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

The expected character of water generated from the site includes a mixture of water with sediment, hydrocarbons, and nutrients generally associated with vehicle traffic, landscaping and other urban improvements.

The 155.74-acre site has four main discharge points for stormwater. The combined 25-year peak flow under existing and developed conditions is 1,042 cfs and 997 cfs, respectively.

Developed conditions include two batch detention ponds with peak flow detention in accordance with TCEQ and City of Dripping Springs design criteria.

ATTACHMENT J – BMPs for Up Gradient Stormwater

Approximately 37 acres of off-site up-gradient stormwater flows onto the site from the north after crossing Darden Hill Road. The proposed project will divert this runoff around the site and discharge the flow near the southeast corner of the property. A 100-foot wide stream buffer centered on the diversion channel is required by the City of Dripping Springs development regulations to maintain the water quality of the downstream waterway.

ATTACHMENT K – BMPs for On-Site Stormwater

Permanent measures to capture and treat the required volumes of storm water runoff associated with the proposed school consist of a batch detention pond and vegetated filter strips designed in accordance with TCEQ's requirements including the Optional Enhanced Measures in RG-348 Appendix A.

ATTACHMENT L – BMPs for Surface Streams

As previously described, all site developed flows will be routed to the onsite BMPs prior to discharge into the existing intermittent drainageways on site. 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.

DRIPPING SPRINGS HIGH SCHOOL NO. 2

DRIPPING SPRINGS ISD
DRIPPING SPRINGS, TEXAS

OWNER/DEVELOPER:
DRIPPING SPRINGS ISD
300 SPORTSPLEX DRIVE
DRIPPING SPRINGS, TX 78620
PH: (5120 382-3079
CONTACT: JAMES CONKLE

ENGINEER:
WALKER PARTNERS
6504 BRIDGE POINT PKWY, STE. 200
AUSTIN, TEXAS 78730-5091
PH: (512) 382-0021
CONTACT: DAVID P. SMITH, P.E., CFM

ARCHITECT:
VLK ARCHITECTS, INC.
2700 VIA FORTUNA, STE. 230
AUSTIN, TEXAS 78746
PH: (512) 807-3145
CONTACT: BRIAN COTSWORTH, AIA

LANDSCAPE:
BLU FISH COLLABORATIVE
P.O. BOX 40792
AUSTIN, TX. 78704
PH: 512-388-4115
CONTACT: WHITNEY BLUNT, PLA, ASLA, LI

LEGAL DESCRIPTION:
- 5.0 ACRES OF LOT 74, ONION CREEK RANCH SUBDIVISION (VOL. 8, PG 65 P.R.H.C.T. AND 150.74 ACRES OF DRIPPING SPRINGS (DOC. NO. 2010026988, O.P.R.) BEING OF THE FANNY A.D. DARDEN SURVEY ABSTRACT NO. 664 HAYS COUNTY, TEXAS.

WATERSHED:
- THIS PROJECT IS LOCATED WITHIN THE ONION CREEK WATERSHED.

FLOODPLAIN:
- NO PORTION OF THE SITE LIES WITHIN A DESIGNATED FLOODPLAIN. THE SITE LIES WITHIN 'ZONE X- AREA OF MINIMAL FLOOD HAZARD' ACCORDING TO FEMA FIRM PANEL NO. 48209C 0140G DATED JANUARY 17, 2025.

EDWARDS AQUIFER NOTE:
- ACCORDING TO TCEQ, THE PROPERTY IS WITHIN THE EDWARD'S AQUIFER CONTRIBUTING ZONE. STORM WATER QUALITY MEASURES (I.E. WATER QUALITY PONDS) ARE REQUIRED. THIS SITE IS UNDER THE MEMORANDUM OF UNDERSTANDING (M.O.U.) BETWEEN LCRA AND THE US FISH AND WILDLIFE SERVICES (USFWS). TO COMPLY WITH THE M.O.U., THE TCEQ'S OPTIONAL ENHANCED MEASURES WILL APPLY TO THE SITE AND TO THE DESIGN OF THE STORM WATER QUALITY MEASURES.

WATERS OF THE U.S.:
- NONE

ZONING:
- THE PROPERTY IS IN THE CITY OF DRIPPING SPRINGS EXTRATERRITORIAL JURISDICTION (ETJ) AND IS NOT ZONED.

BENCHMARKS:
-

WATER & WASTEWATER:
- WATER SERVICE WILL BE PROVIDED BY THE WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY "WTCPUA".
- WASTEWATER TREATMENT AND DISPOSAL WILL BE PROVIDED BY AN ON-SITE TREATMENT FACILITY AND ON-SITE LAND APPLICATION OF TREATED EFFLUENT (SEPARATE PERMIT).

ELECTRIC SERVICE:
- PEDERNALES ELECTRIC COOPERATIVE (PEC)

EASEMENT DOCUMENTS:
-

RELATED CASES:
- CYPRESS SPRINGS ELEMENTARY SCHOOL (SD 2020-1412)
- WTCPUA PROJECT NUMBER 290-20-004

NOTES:
1. STORMWATER UTILITIES AND POND MAINTENANCE WILL BE PROVIDED BY OWNER.
2. THERE ARE NO PUBLIC STREETS PROPOSED WITHIN THE PROPERTY WITH THIS PERMIT.

WTCPUA NOTES:
1. THE WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY IS THE WATER PROVIDER.
2. ALL METERS FOR DOMESTIC PURPOSES ONLY.
3. WTCPUA DOES NOT GUARANTEE FIRE FLOW.
4. A WTCPUA REPRESENTATIVE MUST BE PRESENT AT THE TIME OF CONNECTION TO THE EXISTING SYSTEM.
5. ALL WATER AND WASTEWATER INFRASTRUCTURE SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF AUSTIN WATER AND WASTEWATER CONSTRUCTION SPECIFICATIONS AND WITH MATERIALS FROM THE CURRENT APPROVED CITY OF AUSTIN STANDARD PRODUCTS LIST (SPL).

!!! 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.

"RELEASE OF THIS APPLICATION DOES NOT CONSTITUTE A VERIFICATION OF ALL DATA, INFORMATION AND CALCULATIONS SUPPLIED BY THE APPLICANT. THE ENGINEER OF RECORD IS SOLELY RESPONSIBLE FOR THE COMPLETENESS, ACCURACY AND ADEQUACY OF HIS/HER SUBMITTAL, WHETHER OR NOT THE APPLICATION IS REVIEWED FOR CODE COMPLIANCE BY CITY ENGINEERS"

VICINITY MAP
SCALE: N.T.S.

ORIGINAL SUBMITTAL DATE: ####
BY: WALKER PARTNERS

DAVID P SMITH, P.E. 7/24/2025
DATE

REVIEWED BY:

TORY CARPENTER DATE
CITY OF DRIPPING SPRINGS SITE DEVELOPMENT

CHAD GILPIN DATE
CITY ENGINEER
CITY OF DRIPPING SPRINGS SITE DEVELOPMENT PERMIT #SD2025-XXXX

WTCPUA DATE

HAYS COUNTY TRANSPORTATION DEPARTMENT DATE

WTCPUA PROJECT NUMBER: 290-25-XXX

HAYS COUNTY TAX ID TRACT NUMBERS:
10-0664-0047-00002-4 AND 11-6089-0000-07400-4

WTCPUA NOTE:

WTCPUA 290 WATER SYSTEM GRID AT13, AU13 -- DARDEN HILL 16" WATER LINE IMPROVEMENTS (EXTENSION TO PROPOSED SAWYER RANCH WATER LINE) - 1420 HGL.

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

A WATER QUALITY BMP MAINTENANCE PLAN HAS BEEN PREPARED FOR THIS DEVELOPMENT AND IS RECORDED IN DOCUMENT # _____, PUBLIC RECORDS OF HAYS COUNTY, TEXAS.

NO.	DESCRIPTION	REVISE (R) ADD (A) VOID (V) SHEET NO.'S	TOTAL SHTS IN PLAN SET	NET CHANGE IPM. COVER	SITE IMP. COVER	% SITE IMP. COVER	APPROVED /DATE	IMAGED /DATE

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DRIPPING SPRINGS ISD
DRIPPING SPRINGS, TEXAS

Bid Package 2
Issue For Permitting, Bidding and Construction

STATE OF TEXAS
DAVID P. SMITH
56239
REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director Approver | Drawn By Author
Designer Designer | Quality Control
Proj. Arch. Checker

PROJECT NO.
23-134.00

SHEET TITLE
COVER SHEET

SHEET NO.
C0.0

DRIPPING SPRINGS HS No.2

Texas 811 Know what's below. Call before you dig.

Walker Partners engineers | surveyors
T.B.P.E. Registration No. 8053

ABBREVIATIONS

ABS	ACRYLONITRILE-BUTADIENE-STYRENE
ARV	AIR RELEASE VALVE
ACP	ASBESTOS CEMENT PIPE
ALT	ALTERNATE
AWG	AMERICAN WIRE GAGE
BEG	BEGIN
BF	BLIND FLANGE
BFV	BUTTERFLY VALVE
BIW	BEGIN INLET WING
?	BASELINE
BM	BENCH MARK
BC	BACK OF CURB
BW	BOTTOM OF WALL
CATV	CABLE TV
CB	CATCH BASIN
C-C	CENTER TO CENTER
CFS	CUBIC FEET PER SECOND
CIP	CAST IRON PIPE
CJ	CONTROL JOINT
?	CENTER LINE
CLR	CLEAR
CO	CLEANOUT
COE	CORPS OF ENGINEERS
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CTB	CEMENT TREATED BASE
CV	CHECK VALVE
CY	CUBIC YARD
C&G	CURB AND GUTTER
DA	DRAINAGE AREA
DRNG	DRAINAGE
DBL	DOUBLE
DET	DETAIL
DIA	DIAMETER
DI	DUCTILE IRON
DIP	DUCTILE IRON PIPE
DN	DOWN
DRWY	DRIVEWAY
DWG	DRAWING

(E)	EAST
EP	EDGE OF PAVEMENT
EA	EACH
EF	EACH FACE
EIW	END INLET WING
ELEC	ELECTRIC
ELEV	ELEVATION
EJ	EXPANSION JOINT
ENGR	ENGINEER
EQ	EQUAL
ER	END RETURN
ESMT	EASEMENT
ETP	ELECTRIC TRANSFORMER PAS
EW	EACH WAY
EXC	EXCAVATE
EX	EXISTING
FDC	FIRE DEPARTMENT CONNECTION
FEMA	FEDERAL EMERGENCY MANAGEMENT AGENCY
FH	FIRE HYDRANT
FFE	FINISHED FLOOR ELEVATION
FG	FINISHED GRADE
FL	FLOWLINE
FM	FORCE MAIN
FOC	FIBER OPTIC CABLE
FC	FACE OF CURB
FG	FINISHED GRADE
FT	FEET OR FOOT
FH	FIRE HYDRANT
G	GAS LINE
GA	GAUGE
GALV	GALVANIZED
GRND	GROUND
GV	GATE VALVE
HDPE	HIGH DENSITY POLYETHYLENE PIPE
HDWL	HEADWALL
HP	HIGH POINT OR HORSE POWER
HGL	HYDRAULIC GRADE LINE
HORIZ	HORIZONTAL
HW	HEAD WATER

HMAC	HOT MIXED ASPHALTIC CONCRETE
ID	INSIDE DIAMETER
IN	INCH
INCL	INCLUDE (D) (ING)
NSL	INSULATION OR INSULATED
INV	INVERT
IP	IRON PIPE OR IRON PIN
JB	JUNCTION BOX
JT	JOINT
KV	KILOVOLT
L	LENGTH
LP	LOW POINT
LF	LINEAR FOOT
LG	LIP OF GUTTER
LSS	LIME-STABILIZED SUBGRADE
LT	LEFT
MTL	MATERIAL
MAX	MAXIMUM
MBGF	METAL BEAM GAURD FENCE
MED	MEDIUM
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
M&M	MEET AND MATCH
MO	MOTOR OPERATED
MP	MIDPOINT
(N)	NORTH
NAD 83	NORTH AMERICAN DATUM OF 1983
NAVD 88	NORTH AMERICAN VERTICAL DATUM OF 1988
NC	NORMALLY CLOSED
NFV	NOT FIELD VERIFIED
NG	NATURAL GROUND
NTS	NOT TO SCALE
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
OC	ON CENTER
OD	OUTSIDE DIAMETER
OHEW	OVERHEAD ELECTRIC WIRE
OPNG	OPENING

OPP	OPPOSITE
OCEW	ON CENTER EACH WAY
PC	POINT OF CURVATURE OR PORTLAND CEMENT
PED	PEDESTRIAN
PGL	PROPOSED GRADE LINE
PI	POINT OF INTERSECTION
?	PROPERTY LINE
POB	POINT OF BEGINNING
POC	POINT OF COMMENCEMENT
PP	POWER POLE
PRC	POINT OF REVERSE CURVATURE
PROP	PROPOSED
PSI	POUNDS PER SQUARE INCH
PT	POINT OF TANGENCY
PUE	PUBLIC UTILITY EASEMENT
PVC	POINT OF VERTICAL CURVATURE OR POLYVINYL CHLORIDE
PVI	POINT OF VERTICAL INTERSECTION
PVMT	PAVEMENT
PVT	POINT OF VERTICAL TANGENCY
PCC	POINT OF COMPOUND CURVATURE
Q	FLOW RATE,
R	RADIUS
RCB	REINFORCED CONCRETE BOX
RCP	REINFORCED CONCRETE PIPE
RD	ROAD
RE:	REFERENCE OR REFER
REINF	REINFORCE OR REINFORCED
REQD	REQUIRED
REV	REVISION
ROW	RIGHT-OF-WAY
RT	RIGHT
RP	RADIUS POINT

(S)	SOUTH
SCH	SCHEDULE
SD	STORM DRAIN
SF	SQUARE FOOT
SHT	SHEET
SIM	SIMILAR
SPEC	SPECIFICATION
SQ	SQUARE
STA	STATION
STD	STANDARD
STR	STRUCTURAL
STRM	STORM
SW	SIDEWALK
SWBT	SOUTHWESTERN BELL TELEPHONE CO.
SY	SQUARE YARD
SYM	SYMMETRICAL
SYS	SYSTEM
TBA	TO BE ABANDONED
TBM	TEMPORARY BENCHMARK
TELECOM	TELECOMMUNICATIONS
TEMP	TEMPORARY
THK	THICK
TB	TOP OF BANK (BERM)
TC	TOP OF CURB
TG	TOP OF GRATE
TN	TOP OF NUT
TP	TOP OF PAVEMENT
TP&L	TEXAS POWER AND LIGHT
TxDOT	TEXAS DEPARTMENT OF TRANSPORTATION
TYP	TYPICAL
TW	TOP OF WALL
UE	UNDERGROUND ELECTRIC CABLE
UNO	UNLESS NOTED OTHERWISE
V	VELOCITY
VC	VERTICAL CURVE
VERT	VERTICAL
(W)	WEST
W	WATERLINE
WB	WATER BIBB
W/	WITH

W/O	WITHOUT
WM	WATER METER
WSEL	WATER SURFACE ELEVATION
WT	WEIGHT
WWF	WELDED WIRE FABRIC
WW	WASTEWATER

MISCELLANEOUS

PROPERTY LINE
RIGHT-OF-WAY
EASEMENT
SURVEY LINE
RAILROAD
BENCH MARK
CONTROL POINT
GEOTECHNICAL BORE LOCATION
MAILBOX
PANEL MARKER
SIGN
SPOT ELEVATION
INDEX CONTOUR
INTERMEDIATE CONTOUR
FFE=100.00 FINISH FLOOR ELEVATION
SHRUB
SHRUB ROW
TREE
100YR 100 YEAR FLOODPLAIN LIMIT
HMAC HMAC PMVT EDGE
CHAIN LINK FENCE
WIRE FENCE
WOODEN FENCE
BUILDING
BRICK PAVER
CONCRETE
COVERED AREA
GRAVEL
STONE RIP RAP

SURVEY CONTROL

IRON ROD WITH CAP STAMPED "WALKER PARTNERS" SET
IRON ROD FOUND
MONUMENT FOUND
MONUMENT SET
IRON PIPE FOUND
NAIL FOUND
CUT "X" FOUND
BENCH MARK
CONTROL POINT

STORM DRAINAGE

STORM DRAIN GRATE
STORM ROOF DRAIN
STORM DRAIN MANHOLE
SD STORM DRAIN LINE (< 12")
SD STORM DRAIN LINE (>12")
18" STRM

WATER

WM WATER METER
WV WATER METER VAULT
FIRE HYDRANT
WATER VALVE
W WATER MANHOLE
W WATER LINE
IRRIGATION CONTROL VALVE

SANITARY SEWERAGE

SS SANITARY SEWER (WW) CLEAN OUT
S SANITARY SEWER (WW) VENT
S SANITARY SEWER (WW) MANHOLE
FM FORCE MAIN LINE
WW SANITARY SEWER (WW) LINE

TELECOMMUNICATIONS

T TELECOM RISER
T TELECOM RISER
T TELEVISION RISER
TCOM TELECOM VAULT
T TELECOM MANHOLE
FO FIBER OPTIC LINE
CTV CABLE TELEVISION LINE
OHT OVERHEAD TELECOM LINE
UT UNDERGROUND TELECOM LINE

ELECTRIC

A AIR CONDITIONER UNIT
E ELECTRIC BREAKER BOX
E ELECTRIC METER
E ELECTRIC JUNCTION BOX
ELECTRIC CABLE MARKER
EV ELECTRIC VAULT
E ELECTRIC MANHOLE
GUY WIRE
UTILITY POLE
LIGHT POLE
YARD LAMP
OHE OVERHEAD ELECTRIC LINE
UE UNDERGROUND ELECTRIC

GAS

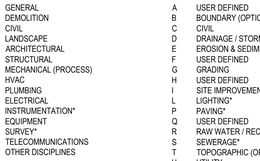
G GAS METER
GAS REGULATOR VALVE
GAS PIPELINE MARKER
GAS ANODE
G GAS MANHOLE
GAS LINE

AUTOMATIC FLUSH VALVE
GATE VALVE
CHECK VALVE
PLUG VALVE
BUTTERFLY VALVE
QUICK DISCONNECT COUPLER
CAPPED END OR PLUGGED END
BLIND FLANGE
REDUCER OR INCREASER
BACKFLOW PREVENTOR
AIR VACUUM AND AIR RELEASE ASSEMBLY
GRATE INLET
BLOW-OFF ASSEMBLY
CENTRIFUGAL OR TURBINE PUMP OR FAN
FIRE HYDRANT & VALVE
CLEANOUT TO GRADE
MANHOLE
123.00 PROPOSED SPOT ELEVATION
JUNCTION BOX
CURB INLET
NEW FENCE
BOUNDARY LINE
FUTURE CONSTRUCTION

MATERIALS LEGEND

CEMENT TREATED BASE
CRUSHED LIMESTONE
COARSE AGGREGATE
GRAVEL
TOPSOIL
EARTH (COMPACTED)
EARTH (UNDISTURBED)
CONCRETE
SAND
ASPHALT
RIP-RAP
MASONRY
STEEL
ALUMINUM
GRATING
CHECKERED PLATE
GROUT
BRICK

DRAWING NUMBER CONVENTION



DISCIPLINE:

G	GENERAL
D	DEMOLITION
C	CIVIL
L	LANDSCAPE
A	ARCHITECTURAL
S	STRUCTURAL
M	MECHANICAL (PROCESS)
H	HVAC
P	PLUMBING
E	ELECTRICAL
I	INSTRUMENTATION*
Q	EQUIPMENT
V	SURVEY*
T	TELECOMMUNICATIONS
X	OTHER DISCIPLINES

AREA CODES:

A	USER DEFINED
B	BOUNDARY (OPTIONAL)
C	CIVIL
D	DRAINAGE / STORMWATER
E	EROSION & SEDIMENTATION CONTROL
F	USER DEFINED
G	GRADING
H	USER DEFINED
I	SITE IMPROVEMENTS / DIMENSION CONTROL
L	LIGHTING*
P	PAVING*
Q	USER DEFINED
R	RAW WATER / RECLAIMED WATER
S	SEWERAGE*
T	TOPOGRAPHIC (OPTIONAL)
U	UTILITY
V	SURVEY*
W	WATER*
X	USER DEFINED
Y	USER DEFINED
Z	USER DEFINED

DRAWING TYPE DESIGNATORS

DRAWING TYPE	DESIGNATOR
GENERAL NOTES, LEGENDS, ABBREVIATIONS, MAPS, ETC.)	0
PLANS; OVERALL PLANS; PLATS; ETC.	1
PLAN & PROFILES; PROFILES; LARGE - SCALE VIEWS; ETC.	2
SECTIONS (SECTIONAL VIEWS, CROSS SECTIONS, ETC.); OR USER-DEFINED	3
DETAILS (PROJECT SPECIFIC)**	4
DETAILS (MUNICIPALITY STANDARDS)**	5
DETAILS (TxDOT STANDARD DETAILS)**	6
SCHEDULES	7
USER DEFINED	8

MAY BE A "DISCIPLINE" OR AN "AREA CODE" DEPENDING ON TYPE OF PROJECT.
DETAILS MAY BE IDENTIFIED BY AN "AREA CODE" OR A "DESIGNATOR"

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WHEN WORKING NEAR ELECTRIC FACILITIES

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DRIPPING SPRINGS ISD
DRIPPING SPRINGS, TEXAS

Bid Package 2
Issue For Permitting, Bidding and Construction

STATE OF TEXAS
DAVID P. SMITH
56239
REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director
Approver
Designer
Designer
Proj. Arch.
Checker

Drawn By
Author
Quality Control

PROJECT NO.
23-134.00

SHEET TITLE
ABBREVIATIONS & LEGENDS

SHEET NO.
C0.1

DRIPPING SPRINGS HS No.2

Drawing Path: G:\Projects\3-00895\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_COVER SHEET.dwg Plotted By: Brian Green Date: 7/23/2025 7:57:16 PM Layout: ABBREVIATIONS & LEGENDS Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), 1:1

GENERAL NOTES:

1) CONTRACTOR TO USE THE LATEST CITY OF AUSTIN CONSTRUCTION GUIDELINES, DETAILS AND SPECIFICTIONS AT THE TIME OF CONSTRUCTION.
2) WHERE PROPOSED FEATURES TIE TO EXISTING FEATURES, FIELD VERIFY EXISTING TOPOGRAPHY PRIOR TO EXVAVATION AND/OR CONSTRUCTION. CONSTRUCT (WALLS, WALKS, DRIVES, UTILITIES, ETC...) TO MATCH EXISTING LOCATION AND ELEVATION IN ACCORDANCE WITH INTENT OF DESIGN. CONTRACTOR TO NOTIFY ENGINEER IF DISCREPANCY EXISTS BETWEEN EXISTING FIELD VERIFIED TOPOGRAPHY AND TOPOGRAPHY SHOWN ON PLANS.
3) CONTRACTOR TO VERIFY LOCATION, DEPTH AND SIZE OF EXISTING UTILITIES PRIOR TO DEMOLITION AND CONSTRUCTION AND ENSURE CONTINUITY OF SERVICES AS NECESSARY.
4) ALL WORK IN PUBLIC EASEMENTS AND RIGHT-OF-WAYS SHALL BE PER APPLICABLE CITY, COUNTY, AND STATE STANDARD DETAILS AND SPECIFICATIONS.
5) ALL PUBLIC UTILITY CONSTRUCTION AND CONNECTIONS TO PUBLIC UTILITIES SHALL BE PER UTILITY OWNER'S STANDARD DETAILS AND SPECIFICATIONS. CONTACT UTILITY OWNER PRIOR TO START OF CONSTRUCTION AND COORDINATE TO ENSURE ACCEPTABLE PROCEDURES, DETAILS, AND SPECIFICATIONS ARE FOLLOWED.
6) CONTRACTOR TO CONTACT THE CITY OF ______ UTILITY DEPARTMENT A MINIMUM OF 48 HOURS PRIOR TO WORK. CITY UTILITY DEPARTMENT MUST BE PRESENT DURING CONNECTION TO EXISTING WATER AND SEWER MAINS.
7) EXISTING LINE LOCATIONS ARE SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR BASED ON AVAILABLE INFORMATION, AND ARE NOT GUARANTEED TO BE CORRECT OR COMPLETE.
8) LOCATIONS OF EXISTING WATER, WASTEWATER, AND WASTEWATER FORCE MAIN ARE APPROXIMATE AND BASED ON DRAWINGS BY:__________ DATED:__________.
9) WHERE FILL IS PROPOSED WITHIN 4 FEET ABOVE THE PROPOSED TOP OF UTILITY PIPE, COMPACTION OF FILL UP TO 4' ABOVE THE TOP OF PROPOSED PIPE IS REQUIRED PRIOR TO EXCAVATION AND INSTALLATION OF PIPE.
10) CONTRACTOR TO REPORT ANY DISCREPANCIES BETWEEN CIVIL AND M.E.P./ARCH/STRUCTURAL PLANS TO ENGINEERS AND ARCHITECT FOR RESOLUTION PRIOR TO THE INSTALLATION OF THE REPORTED ITEMS.

EXISTING CONDITIONS & DEMOLITION NOTES:

1) UTILITY INFORMATION SHOWN HEREON CONSTITUTES A FIELD RECOVERY OF OBSERVED EVIDENCE OF UTILITIES AND IS SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR BASED ON AVAILABLE INFORMATION. THIS INFORMATION IS NOT GUARANTEED TO BE CORRECT OR COMPLETE. LOCATIONS OF UNDERGROUND UTILITIES /STRUCTURES MAY VARY FROM LOCATIONS SHOWN HERE ON. ADDITIONAL BURIED UTILITIES/STRUCTURES, SUCH AS ELECTRICAL, TELEPHONE, CABLE, FIBER OPTICS, AND PIPE LINES, MIGHT BE ENCOUNTERED. NO EXCAVATIONS WERE MADE DURING THE PROGRESS OF THE SURVEY TO LOCATE BURIED UTILITIES/STRUCTURES. FOR INFORMATION REGARDING BURIED UTILITIES/STRUCTURES OR BEFORE ANY EXCAVATION IS BEGUN, PLEASE CONTACT THE APPROPRIATE AGENCIES FOR VERIFICATION OF UTILITY TYPE AND FOR FIELD LOCATION.
2) CONTRACTOR TO VERIFY LOCATION AND DEPTH OF EXISTING UTILITIES PRIOR TO DEMOLITION AND CONSTRUCTION AND ENSURE CONTINUITY OF SERVICE AS NECESSARY.
3) TREES SHOWN ON THE TREE LIST AND ON THIS PLAN ARE THOSE REQUIRED TO BE LOCATED PER THE CURRENT ORDINANCE. OTHER TREES MAY EXIST ON SITE AND ARE TO BE REMOVED IF WITHIN THE LIMITS OF CONSTRUCTION, UNLESS OTHERWISE INDICATED ON THESE PLANS.
4) PROPOSED CONSTRUCTION AND DEMOLITION MAY REQUIRE HAND DIGGING FOR INSTALLATIONS OF NEW FEATURES AND UTILITIES, AND/OR PROTECTION AND SUPPORT/RELOCATION OF EXISTING FEATURES AND UTILITIES.
5) REFER TO M.E.P. SITE DEMO PLANS FOR ALL ELECTRIC, TELEPHONE, AND GAS UTILITIES.
6) REMOVE AND RELOCATE ALL EXISTING SIGNAGE, FENCING, AND GATES AS NECESSARY.
7) PROVIDE AND MAINTAIN A.D.A. ACCESSIBILITY TO FACILITIES THAT ARE TO REMAIN IN USE DURING CONSTRUCTION.
8) CONTRACTOR TO MAINTAIN ALL EXISTING WATER AND WASTEWATER SERVICES WITHIN THE EXTENTS OF THIS PROJECT UNTIL EITHER FACILITIES (SUCH AS BUILDINGS, IRRIGATION SYSTEMS, HOSE BIBS, ETC.) SERVED BY THESE SERVICES ARE REMOVED/VACATED, OR UNTIL NEW OR ALTERNATIVE SERVICES ARE PROVIDED. THE CONTRACTOR SHALL COORDINATE WITH, AND NOTIFY THE OWNER AHEAD OF SERVICE INTERRUPTIONS SHOULD INTERRUPTIONS BE NECESSARY.

EROSION-SEDIMENTATION CONTROL NOTES:

1. UNLESS OTHERWISE INDICATED ON THE LANDSCAPE PLANS AND SPECIFICATIONS:
   - i) ALL DISTURBED AREAS AND AREAS DESIGNATED AS "GRASS" AREAS SHALL RECEIVE A MINIMUM OF 4" OF TOP SOIL AND BE REVEGETATED BY SEED, HYDROMULCH, OR SOD. MAINTAIN AND WATER THESE AREAS AS NECESSARY TO ESTABLISH PERMANENT REVEGETATIVE GROWTH OF APPROXIMATELY TWO (2) INCHES OF HEIGHT OVER 70% OF AREA.
   - ii) TOPSOIL THAT HAS BEEN STRIPPED FROM THE SITE AND STOCKPILED MAY BE USED. REMOVE ALL BRUSH, TRASH, STUMPS, WOOD, CONCRETE AND OTHER DEBRIS OVER 1-1/2" IN SIZE PRIOR TO SPREADING.
   - iii) IF SUFFICIENT QUANTITIES ARE NOT AVAILABLE, PROVIDE IMPORTED TOPSOIL CHARACTERISTIC OR THE AREA. PROVIDE IMPORTED LOAM TOPSOIL CONTAINING A MINIMUM ORGANIC MATTER CONTENT BY WEIGHT OF 5%. TOPSOIL SHALL NOT HAVE A MIXTURE SUBSOIL AND SHALL CONTAIN NO STONES, LUMPS OF SOIL, STICKS, ROOTS, TRASH OR OTHER EXTRANEOUS MATERIALS LARGER THAN 1-1/2 INCHES IN DIAMETER OR LENGTH.
   - iv) . APPLY TOPSOIL TO ENSURE A MINIMUM OF 4" DEPTH IN ALL DISTURBED AREAS. TILL SOIL TO A DEPTH OF 2 INCHES. RAKE SOIL SMOOTH, FREE FROM VARIATIONS, BUMPS AND DEPRESSIONS TO FINISH GRADE (1" BELOW WALKS AND CURBS). ALL AREAS SHALL SLOPE TO DRAIN.
2) ALL PROPOSED STORM INLETS TO HAVE INLET PROTECTION.
3) ADDITIONAL ENVIRONMENTAL CONTROLS MAY BE REQUIRED BY THE CITY AND OR COUNTY INSPECTOR AS CONSTRUCTION PROGRESSES.
4) CONCRETE "WASHOUT" LOCATIONS TO BE DETERMINED IN THE FIELD IN COORDINATION WITH CITY/COUNTY INSPECTOR. WASHOUT LOCATIONS ARE TO BE NOTED IN THE SWPPP.
5) CONTRACTOR TO PUMP OUT WATER FROM DETENTION POND UNTIL POND CONSTRUCTION IS COMPLETE. PUMPED WATER MUST PASS THROUGH 2 ROWS OF SILT FENCE PRIOR TO BEING RELEASED DOWNSTREAM.

6) ALL PRESERVED TREES SHALL BE FLAGGED WITH ORANGE FLUORESCENT VINYL TAPE TO BE WRAPPED AROUND THE MAIN TRUNK AT A HEIGHT OF FOUR (4) FEET OR MORE SO THAT THE TAPE IS VISIBLE TO WORKERS OPERATING CONSTRUCTION EQUIPMENT.
7) USE APPROVED SLOPE STABILIZATION MATTING SUCH AS PYRAMAT ON ALL SLOPES STEEPER THAN 3:1.

SITE PLAN NOTES:

1) ALL DIMENSIONS ARE FROM FACE OF CURB TO FACE OF CURB UNLESS OTHERWISE NOTED.
2) ALL CURB RETURNS SHALL BE 3' RADIUS UNLESS OTHERWISE NOTED.
3) FIRE LANE MARKINGS DESIGNATED HEREIN SHALL CONSIST OF A 6" WIDE RED STRIPE APPLIED EITHER ON THE FACE OF CURB OR THE PAVEMENT SURFACE AS APPROPRIATE. THE RED STRIPE SHALL BE MARKED WITH "FIRE LANE - NO PARKING - TOW AWAY ZONE" IN WHITE LETTERS AT LEAST 3" TALL AT A 30' MAXIMUM INTERVAL. UNLESS OTHERWISE SPECIFIED WITHIN THIS PLAN SET.
4) PAVEMENT STRIPING SHALL BE WHITE PAINT, 4" WIDE.
5) COORDINATE KNOX BOX REQUIREMENTS WITH THE APPROPRIATE CITY/COUNTY FIRE DEPARTMENT.
6) WHERE CONSTRUCTION IS PROPOSED ADJACENT TO EXISTING BUILDINGS, ENSURE THAT EXISTING WEEP HOLES ARE NOT COVERED. CONTACT ENGINEER AND ARCHITECT PRIOR TO CONSTRUCTION SHOULD SUCH A CONFLICT ARISE.
7) REFER TO STRUCTURAL PLANS FOR ALL WALL DETAILS.
8) AT NEW PAVEMENT TIE IN LOCATION, SAWCUT A MINIMUM OF 1' BEHIND AND ALONG THE EDGE OF EXISTING PAVEMENT AS NECESSARY FOR A CLEAN, AND STRUCTURALLY SOUND TIE IN.

GRADING PLAN NOTES:

1) ALL SIDEWALK AND CROSSWALK SLOPES SHALL NOT EXCEED THE FOLLOWING A.D.A. REQUIREMENTS:
   - i) 1:20 LONGITUDINAL (ALONG THE WALK) MAX.
   - ii) 1:50 TRANSVERSE (ACROSS THE WALK) MAX.
2) ALONG AN ACCESSIBLE ROUTE, CHANGES IN LEVEL UP TO 1/4" MAY BE VERTICAL AND WITHOUT EDGE TREATMENT, CHANGES IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2, AND CHANGES IN LEVEL GREATER THAN 1/2" SHALL BE ACCOMPLISHED BY MEANS OF AN ACCESSIBLE RAMP.
3) ALL SIDEWALKS ALONG CURB TO SLOPE TOWARDS CURB (2% MAX)
4) ADJUST ALL CASTINGS TO PROPOSED GRADES.
5) SEE STORM SEWER PLANS FOR ALL TOP OF INLET ELEVATIONS.
6) COORDINATE WITH STRUCTURAL FOUNDATION PLANS AND DETAILS FOR EXTENTS AND GRADES AT ALL STRUCTURAL STOOPS.
7) SLOPES STEEPER THAN 3:1 SHALL BE STRUCTURALLY STABILIZED UNLESS OTHERWISE NOTED.
8) INSTALL EDGE PROTECTION PER TAS FOR ALL ACCESSIBLE ROUTES THAT ARE HIGHER THAN ADJACENT FINISHED
9) INSTALL SAFETY RAILING OR CHAINLINK FENCING, FOR ALL SIDEWALKS, RETAINING WALLS, POND WALLS WITH VERTICAL ELEVATION CHANGES OF MORE THAN 30-INCHES.

STORM SEWER PLAN NOTES:

1) COORDINATE WITH M.E.P. PLANS FOR EXISTING UTILITY DEMO PLANS.
2) COORDINATE WITH M.E.P. PLANS FOR ALL WATER, WASTEWATER, AND STORM CONNECTIONS AT BUILDINGS.
3) COORDINATE WITH M.E.P. PLANS AND INSTALL NECESSARY FITTINGS FOR CONNECTIONS OF STORM SYSTEM TO ROOF DRAINS AND DOWNSPOUTS.
4) T/INET = FINISHED GRADE FOR CURB INLETS AND GRATE INLETS.
5) STORM SEWER LINES 30" OR LARGER SHALL BE CLASS III RCP PIPE. ALL OTHER PIPES TO BE HDPE OR PVC SDR 35 UNLESS OTHERWISE NOTED.
6) ALL DOWNSPOUT LATERAL PIPES TO HAVE A MINIMUM SLOPE OF 1% UNLESS OTHERWISE SPECIFIED.
7) COORDIDNATE WITH ARCH/LANDSCAPE FOR PLANTER DRAIN LOCATIONS NOT SHOWN HEREON. THE PLANTER DRAINS TO DOWNSPOUT COLLECTOR LINES.

WATER & WASTEWATER PLAN NOTES:

1) CONTRACTOR TO CONTACT UTILITY OWNER FOR COORDINATION PRIOR TO INSTALLATION OF NEW, OR RELOCATION/REMOVAL OF EXISTING WATER METERS.
2) COORDINATE WITH M.E.P. PLANS FOR EXISTING UTILITY DEMO PLANS.
3) MUNICIPAL WATER LINES ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE "RULES AND REGULATIONS FOR PUBLIC WATER SYSTEMS", SECTION 290, AS ADOPTED BY THE T.C.E.Q.
4) SANITARY SEWER LINES ARE TO BE CONSTRUCTED IN ACCORDANCE WITH CHAPTER 217, "DESIGN CRITERIA FOR DOMESTIC WASTEWATER SYSTEMS" AS ADOPTED BY THE T.C.E.Q.
5) WHERE WATER LINES AND NEW SEWER LINES ARE INSTALLED WITH A SEPARATION DISTANCE CLOSER THAN NINE FEET (I.E. WATER AND WASTEWATER LINES, OR WATER LINES NEXT TO MANHOLES) THE INSTALLATION MUST MEET THE REQUIREMENTS OF 30 TAC 217.53 OR 30 TAC 290.44(E) (WATER HYGIENE).
6) WATER LINES TO BE AWWA C900 DR 14 UNLESS OTHERWISE NOTED.
7) FIRE HYDRANT LEADS TO BE D.I. PIPE.
8) WASTEWATER LINES TO BE SDR 26 PVC GRAVITY SEWER PIPE, WITH A MINIMUM SLOPE OF 1.0% UNLESS OTHERWISE NOTED.
9) ALL ON-SITE UTILITY MATERIALS AND WORK SHALL CONFORM TO THE CURRENT PLUMBING CODE.
10) COORDINATE WITH M.E.P. PLANS FOR ALL WATER, WASTEWATER, AND STORM SEWER CONNECTIONS AT BUILDING.

REFER TO PLAN SHEETS FOR ANY ADDITIONAL NOTES

TCEQ WATER STORAGE TANK GENERAL CONSTRUCTION NOTES

1. The water storage tank must be constructed in accordance with the current Texas Commission on Environmental Quality (TCEQ) Rules and Regulations for Public Water Systems 30 Texas Administrative Code (TAC) Chapter 290 Subchapter D. When conflicts are noted with local standards, the more stringent requirement shall be applied. At a minimum, construction for public water systems must always meet TCEQ's "Rules and Regulations for Public Water Systems."
2. All facilities for potable water storage shall be covered and designed, fabricated, erected, tested and disinfected in strict accordance with current American Water Works Association (AWWA) standards and shall be provided with the minimum number, size and type of roof vents, man ways, drains, sample connections, access ladders, overflows, liquid level indicators on-site, and other appurtenances as specified in these rules.
3. Disinfection of water storage facilities shall be in strict accordance with current AWWA Standard C652-11 or most recent.
4. Dechlorination of disinfecting water shall be in strict accordance with current AWWA Standard C655-09 or most recent.
5. Bolted tanks shall be designed, fabricated, erected and tested in strict accordance with current AWWA Standard D103. Welded tanks shall be designed, fabricated, erected and tested in strict accordance with current AWWA Standard D100. The roof of all metal tanks shall be designed and erected so that no water ponds at any point on the roof and, in addition, no area of the roof shall have a slope of less than 0.75 inch per foot. Concrete tank roofs shall be constructed in strict compliance with their respective AWWA Standard.
6. Roof vents shall be installed in strict accordance with current AWWA standards and shall be equipped with approved screens to prevent entry of animals, birds, insects and heavy air contaminants. Screens shall be fabricated of corrosion resistant material and shall be 16 mesh or finer. Screens shall be securely clamped in place with stainless or galvanized bands or wires and shall be designed to withstand winds of not less than tank design criteria (unless specified otherwise by the engineer).
7. All roof openings shall be designed in accordance with current AWWA standards. If an alternate 30 inch diameter access opening is not provided in a storage tank, the primary roof access opening shall not be less than 30 inches in diameter. Other roof openings required only for ventilating purposes during cleaning, repairing or painting operations shall be not less than 24 inches in diameter or as specified by the licensed professional engineer. An existing tank without a 30-inch in diameter access opening must be modified to meet this requirement when major repair or maintenance is performed on the tank. Each access opening shall have a raised curbing at least four inches in height with a lockable cover that overlaps the curbing at least two inches in a downward direction. Where necessary, a gasket shall be used to make a positive seal when the hatch is closed. All hatches shall remain locked except during inspections and maintenance.
8. Overflows shall be designed in strict accordance with current AWWA standards and shall terminate with a gravity-hinged and weighted cover, an elastomeric duckbill valve, or other approved device to prevent the entrance of insects and other nuisances. The cover shall fit tightly with no gap over 1/16 inches. If the overflow terminates at any point other than the ground level, it shall be located near enough and at a position accessible from a ladder or the balcony for inspection purposes. The overflow(s) shall be sized to handle the maximum possible fill rate without exceeding the capacity of the overflow(s). The discharge opening of the overflow(s) shall be above the surface of the ground and shall not be subject to submergence.
9. All clearwells and water storage tanks shall have a liquid level indicator located at the tank site. The indicator can be a float with a moving target, an ultrasonic level indicator, or a pressure gauge calibrated in feet of water. If an elevated tank or standpipe has a float with moving target indicator, it must also have a pressure indicator located at ground level. Pressure gauges must not be less than three inches in diameter and calibrated at not more than two-foot intervals. Remote reading gauges at the owner's treatment plant or pumping station will not eliminate the requirement for a gauge at the tank site unless the tank is located at the plant or station.
10. Inlet and outlet connections shall be located so as to prevent short circuiting or stagnation of water. Clearwells used for disinfectant contact time shall be appropriately baffled.
11. Clearwells and potable water storage tanks shall be thoroughly tight against leakage, shall be located above the ground water table and shall have no walls in common with any other plant units containing water in the process of treatment. All associated appurtenances including valves, pipes and fittings shall be tight against leakage.
12. Each clearwell or potable water storage tank shall be provided with a means of removing accumulated silt and deposits at all low points in the bottom of the tank. Drains shall not be connected to any waste or sewage disposal system and shall be constructed so that they are not a potential agent in the contamination of the stored water.
13. All clear wells, ground storage tanks, standpipes, and elevated tanks shall be painted, disinfected, and maintained in strict accordance with current AWWA standards. However, no temporary coatings, wax grease coatings, or coating materials containing lead will be allowed. No other coatings will be allowed which are not approved for use (as a contact surface with potable water) by the United States Environmental Protection Agency (EPA), NSF International, or the United States Food and Drug Administration (FDA). All newly installed coatings must conform to ANSI/NSF International Standard 61 and must be certified by an organization accredited by ANSI.
14. No tanks or containers shall be used to store potable water that has previously been used for any non-potable purpose. Where a used tank is proposed for use, a letter from the previous owner or owners must be submitted to the Commission which states the use of the tank.
15. Access manways in the riser pipe, shell area, access tube, bowl area or any other location opening directly into the water compartment shall be located in strict accordance with current AWWA standards. These openings shall not be less than 24 inches in diameter. However, in the case of a riser pipe or access tube of 36 inches in diameter or smaller, the access manway may be 18 inches times 24 inches with the vertical dimension not less than 24 inches. The primary access manway in the lower ring or section of a ground storage tank shall be not less than 30 inches in diameter. Where necessary, for any access manway which allows direct access to the water compartment, a gasket shall be used to make a positive seal when the access manway is closed.
16. Service pump installation taking suction from storage tanks shall provide automatic low water level cutoff devices to prevent damage to the pumps. The service pump circuitry shall also resume pumping automatically once the minimum water level is reached in the tank.
17. Pursuant to 30 TAC §290.44(b)(1), the maximum allowable lead content of pipes, pipe fittings, plumbing fittings, and fixtures is 0.25 percent.

Texas Commission on Environmental Quality Contributing Zone Plan General Construction Notes

Edwards Aquifer Protection Program Construction Notes – Legal Disclaimer

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

1. A written notice of construction must be submitted to the TCEQ regional office at least 48 hours prior to the start of any ground disturbance or construction activities. This notice must include:
   - the name of the approved project;
   - the activity start date; and
   - the contact information of the prime contractor.
2. All contractors conducting regulated activities associated with this project should be provided with complete copies of the approved Contributing Zone Plan (CZP) and the TCEQ letter indicating the specific conditions of its approval. During the course of these regulated activities, the contractor(s) should keep copies of the approved plan and approval letter on-site.
3. No hazardous substance storage tank shall be installed within 150 feet of a water supply source, distribution system, well, or sensitive feature.
4. Prior to beginning any construction activity, all temporary erosion and sedimentation (E&S) control measures must be properly installed and maintained in accordance with the manufacturers specifications. If inspections indicate a control has been used inappropriately, or incorrectly, the applicant must replace or modify the control for site situations. These controls must remain in place until the disturbed areas have been permanently stabilized.
5. Any sediment that escapes the construction site must be collected and properly disposed of before the next rain event to ensure it is not washed into surface streams, sensitive features, etc.
6. Sediment must be removed from the sediment traps or sedimentation basins when it occupies 50% of the basin's design capacity.
7. Litter, construction debris, and construction chemicals exposed to stormwater shall be prevented from being discharged offsite.
8. All excavated material that will be stored on-site must have proper E&S controls.
9. If portions of the site will have a cease in construction activity lasting longer than 14 days, soil stabilization in those areas shall be initiated as soon as possible prior to the 14th day of inactivity. If activity will resume prior to the 21st day, stabilization measures are not required. If drought conditions or inclement weather prevent action by the 14th day, stabilization measures shall be initiated as soon as possible.
10. The following records should be maintained and made available to the TCEQ upon request:
    - the dates when major grading activities occur;
    - the dates when construction activities temporarily or permanently cease on a portion of the site; and
    - the dates when stabilization measures are initiated.
11. The holder of any approved CZP must notify the appropriate regional office in writing and obtain approval from the executive director prior to initiating any of the following:
    - A. any physical or operational modification of any best management practices (BMPs) or structure(s), including but not limited to temporary or permanent ponds, dams, berms, silt fences, and diversionary structures;
    - B. any change in the nature or character of the regulated activity from that which was originally approved;
    - C. any change that would significantly impact the ability to prevent pollution of the Edwards Aquifer; or
    - D. any development of land previously identified as undeveloped in the approved contributing zone plan.

Austin Regional Office	San Antonio Regional Office
12100 Park 35 Circle, Building A Austin, Texas 78753-1808 Phone (512) 339-2929 Fax (512) 339-3795	14250 Judson Road San Antonio, Texas 78233-4480 Phone (210) 490-3096 Fax (210) 545-4329

CITY OF DRIPPING SPRINGS
STANDARD WASTEWATER UTILITY CONSTRUCTION NOTES
FEBRUARY 2017

- i. All wastewater lines shall be constructed in accordance with City of Austin and TCEQ 30 TAC, Chapter 217 requirements.
- ii. Contractor shall guarantee the Work against defective workmanship and materials for a period of two (2) years from the date of final acceptance of the Work by the City of Dripping Springs.
- iii. Bedding for gravity wastewater lines, force mains, and treated effluent lines shall be ¾" to 1" rock with a 6 ounce nonwoven geotextile fabric, meeting either TxDOT DMS 6200 or Type 1 COA 620S, placed over the bedding. Contractor shall provide a minimum 5 gallon bucket sample of the proposed bedding material for City of Dripping Springs approval.
- iv. When groundwater is encountered during construction, recommendations on bedding and backfill shall be provided by a Geotechnical Engineer before proceeding with construction. All recommendations shall be approved by the City of Dripping Springs.
- v. Contractor shall adhere to City of Austin standard 1100S-1 for wastewater manhole ring adjustments in paved areas.
- vi. Gravity Wastewater lines shall be PVC SDR 26 ASTM D3034 if located greater than 9 feet from a waterline. If less than 9 feet (outside of pipe to outside of pipe) from any water line, pipe shall be PVC SDR 26 ASTM D2241 pressure rated pipe.
- vii. Force Mains shall be minimum PVC SDR 26 ASTM D2241 pressure rated pipe in brown poly bag.
- viii. Treated effluent lines shall be minimum PVC SDR 21 ASTM D2241 purple pressure rated pipe.
- ix. All wastewater manholes are to be coated with cementitious lining (Sewpercoat® or approved equal) per City of Austin requirements. Existing manholes where connections are made to the City Sewer System shall be coated or recoated after connections are made.
- x. Engineer and Contractor shall coordinate with the Dripping Springs WSC regarding water line and water service line crossings.
- xi. Contractor shall install bolted manhole lids on all manholes outside pavement.
- xii. Wastewater manhole lids shall have "Sanitary Sewer" cast in the lid.
- xiii. City of Dripping Springs' inspector shall observe installation of all taps onto wastewater lines.
- xiv. City of Dripping Springs' inspector shall be notified 48 hours prior to all utility line testing by calling the City 512-858-4725 or the designated inspector identified at the preconstruction meeting.
- xv. Contractor shall perform the following testing on all types of wastewater improvements at his expense:
- xvi. Gravity wastewater lines and services – low pressure air test.
- xvii. Gravity wastewater lines – mandrel deflection testing after 30 days of final backfill.
- xviii. Gravity wastewater lines – televised upon completion of construction and prior to paving. Contractor shall provide the videos of the pipes to the City of Dripping Springs prior to acceptance.
- xix. Wastewater manholes – vacuum test @ 10 psi for 3 minutes. No vacuum testing will be accepted by the City of Dripping Springs until completion of minimum first course of base is installed.
- xx. Force mains and treated effluent lines – hydrostatically test to a minimum of 1.5 times working pressure for 24 hours.
- xxi. Existing wastewater facilities – pretest and posttest existing lines and manholes when connecting to existing facilities.

TCEQ WATER DISTRIBUTION SYSTEM GENERAL CONSTRUCTION NOTES
(Revised February 2019 or latest version)

1. This water distribution system must be constructed in accordance with the current Texas Commission on Environmental Quality (TCEQ) Rules and Regulations for Public Water Systems 30 Texas Administrative Code (TAC) Chapter 290 Subchapter D. When conflicts are noted with local standards, the more stringent requirement shall be applied. At a minimum, construction for public water systems must always meet TCEQ's "Rules and Regulations for Public Water Systems."
2. All newly installed pipes and related products must conform to American National Standards Institute (ANSI)/NSF International Standard 61 and must be certified by an organization accredited by ANSI [§290.44(a)(1)].
3. Plastic pipe for use in public water systems must bear the NSF International Seal of Approval (NSF-pw) and have an ASTM design pressure rating of at least 150 psi or a standard dimension ratio of 26 or less [§290.44(a)(2)].
4. No pipe which has been used for any purpose other than the conveyance of drinking water shall be accepted or relocated for use in any public drinking water supply [§290.44(a)(3)].
5. All water line crossings of wastewater mains shall be perpendicular [§290.44(e)(4)(B)].
6. Water transmission and distribution lines shall be installed in accordance with the manufacturer's instructions. However, the top of the water line must be located below the frost line and in no case shall the top of the water line be less than 24 inches below ground surface [§290.44(a)(4)].
7. The maximum allowable lead content of pipes, pipe fittings, plumbing fittings, and fixtures is 0.25 percent [§290.44(b)].
8. The contractor shall install appropriate air release devices with vent openings to the atmosphere covered with 16-mesh or finer, corrosion resistant screening material or an acceptable equivalent [§290.44(d)(1)].
9. The contractor shall not place the pipe in water or where it can be flooded with water or sewage during its storage or installation [§290.44(f)(1)].
10. When waterlines are laid under any flowing or intermittent stream or semi-permanent body of water the waterline shall be installed in a separate watertight pipe encasement. Valves must be provided on each side of the crossing with facilities to allow the underwater portion of the system to be isolated and tested [§290.44(f)(2)].
11. Pursuant to 30 TAC §290.44(a)(5), the hydrostatic leakage rate shall not exceed the amount allowed or recommended by the most current AWWA formulas for PVC pipe, cast iron and ductile iron pipe. Include the formulas in the notes on the plans.
    - o The hydrostatic leakage rate for polyvinyl chloride (PVC) pipe and appurtenances shall not exceed the amount allowed or recommended by formulas in America Water Works Association (AWWA) C-605 as required in 30 TAC §290.44(a)(5). Please ensure that the formula for this calculation is correct and most current formula is in use;

$$Q = \frac{LD\sqrt{P}}{148{,}000}$$

      Where:
      - Q = the quantity of makeup water in gallons per hour,
      - L = the length of the pipe section being tested, in feet,
      - D = the nominal diameter of the pipe in inches, and
      - P = the average test pressure during the hydrostatic test in pounds per square inch (psi).
    - o The hydrostatic leakage rate for ductile iron (DI) pipe and appurtenances shall not exceed the amount allowed or recommended by formulas in America Water Works Association (AWWA) C-600 as required in 30 TAC §290.44(a)(5). Please ensure that the formula for this calculation is correct and most current formula is in use;

$$L = \frac{SD\sqrt{P}}{148{,}000}$$

      Where:
      - L = the quantity of makeup water in gallons per hour,
      - S = the length of the pipe section being tested, in feet,
      - D = the nominal diameter of the pipe in inches, and
      - P = the average test pressure during the hydrostatic test in pounds per square inch (psi).
12. The contractor shall maintain a minimum separation distance in all directions of nine feet between the proposed waterline and wastewater collection facilities including manholes. If this distance cannot be maintained, the contractor must immediately notify the project engineer for further direction. Separation distances, installation methods, and materials utilized must meet §290.44(e)(1)-(4).
13. The separation distance from a potable waterline to a wastewater main or lateral manhole or cleanout shall be a minimum of nine feet. Where the nine-foot separation distance cannot be achieved, the potable waterline shall be encased in a joint of at least 150 psi pressure class pipe at least 18 feet long and two nominal sizes larger than the new conveyance. The space around the carrier pipe shall be supported at five-foot intervals with spacers or be filled to the springline with washed sand. The encasement pipe shall be centered on the crossing and both ends sealed with cement grout or manufactured sealant [§290.44(e)(5)].
14. Fire hydrants shall not be installed within nine feet vertically or horizontally of any wastewater line, wastewater lateral, or wastewater service line regardless of construction [§290.44(e)(6)].
15. Suction mains to pumping equipment shall not cross wastewater mains, wastewater laterals, or wastewater service lines. Raw water supply lines shall not be installed within five feet of any tile or concrete wastewater main, wastewater lateral, or wastewater service line [§290.44(e)(7)].
16. Waterlines shall not be installed closer than ten feet to septic tank drainfields [§290.44(e)(8)].
17. The contractor shall disinfect the new waterlines in accordance with AWWA Standard C-651-14 or most recent, then flush and sample the lines before being placed into service. Samples shall be collected for microbiological analysis to check the effectiveness of the disinfection procedure which shall be repeated if contamination persists. A minimum of one sample for each 1,000 feet of completed waterline will be required or at the next available sampling point beyond 1,000 feet as designated by the design engineer [§290.44(f)(3)].
18. Dechlorination of disinfecting water shall be in strict accordance with current AWWA Standard C655-09 or most recent.

OTHER NOTES – Engineer is responsible for including all applicable notes, including but not limited to County, City, TxDOT, State, Fire Department, OSHA, TCEQ (CZP, WPAP, Organized Sewage Collection System Notes, General Construction Notes). Engineer is responsible for ensuring the current adopted version of all notes is included in the construction plans.

SPOILS MANAGEMENT AND DISPOSAL NOTES

1. Temporary holding sites as necessary to stockpile excavated soils, embedment material, and/or piping and appurtenances may be located within the limits of construction as shown on the plans.
2. No permanent spoils disposal shall be allowed on-site, unless approved by the owner and governing authority.
3. All spoils materials shall be disposed of by the Contractor at an approved spoil disposal site. The Contractor shall be responsible for locating and securing a permit for the site; and shall notify the Owner and/or Engineer at least forty-eight (48) hours prior to disposal of any spoil material.

EROSION /SEDIMENTATION CONTROL NOTES

Use latest City of Austin, City of Dripping Springs, City of Bee Cave, Travis County, Hays County Erosion/Sedimentation Control notes, as appropriate.

STANDARD TREE PROTECTION NOTES

Use latest City of Austin, City of Dripping Springs, City of Bee Cave, Travis County, Hays County Erosion/Sedimentation Control notes, as appropriate

WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY (WTCPUA) NOTES - to be placed on General Notes Sheet

HOURS OF CONSTRUCTION

1. No work shall be done between the hours of 8:00 P.M. and 6:00 A.M; nor on Sundays or Legal Holidays without the written permission of the WTCPUA in each case, except such work as may be necessary for the proper care, maintenance and protection of the work already done or in the case of an emergency.

LIMITS OF CONSTRUCTION

1. The limits of construction shall be bounded by the right of way line or permanent / temporary casement limits shown on the Plans. Limits of construction may be further restricted by placement of silt fence, tree protection fencing, or other appurtenances as shown on the Plans.
2. Limits of construction shall be clearly delineated by the Contractor by installing silt fence, orange tensar fencing (4 - foot roll tied to 6-foot posts set at 10-foot intervals) or other barriers as approved by the Engineer. All temporary barriers shall be removed at the end of the project.
3. Any areas outside the limits of construction disturbed by the Contractor shall immediately be restored to preconstruction condition.

SANITARY FACILITIES

1. Provisions shall be made for necessary sanitary conveniences for the use of laborers on the work. The facilities must be properly secluded from public observation and shall be installed and maintained by the contractor.

PROTECTION OF BORE PITS

1. Install barrier fencing (Tensar orange fencing or chain link fencing) to surround the bore pits. Barrier fencing shall remain in place at all times while the bore pit is open. Contractor shall be responsible for security and safety at the bore pits.

HORIZONTAL CONTROLS

1. All linework shall be staked prior to construction with sealed cut sheets provided to the WTCPUA inspector prior to construction.

CONSTRUCTION SEQUENCING (modify to fit project)

1. 48 hours prior to beginning any work, call the One-Call Board of Texas at 811 or 1-800-545-6005 for utility locations and obtain street cut permit for any work within city, county, and/or state right-of-way.
2. Install temporary erosion controls and tree/natural area protection fencing prior to pre-construction meeting and prior to any site clearing, grubbing, excavation, material stockpiling, or other construction operations.
3. Schedule and convene a preconstruction meeting including but not limited to the Owner's representative, Engineer, WTCPUA representative, Fire Department, City, County, TxDOT representative, and TCEQ representative, as applicable.
4. Install traffic control measures.
5. Contractor shall locate all existing utilities prior to initiating construction.
6. Rough cut water quality ponds and direct runoff to ponds to act as a sediment trap.
7. Remove and stockpile topsoil in areas as required.
8. Rough cut roads/site, as necessary.
9. Install all underground utilities. Contractor shall be responsible for coordinating with the WTCPUA when switching service to the WTCPUA system. It shall be the contractor's responsibility to provide materials/facilities to ensure service is maintained during switchover.
10. Complete all underground installations, including installation of sleeves.
11. Complete subgrade.
12. Complete 1st course base.
13. Complete final course base.
14. Lay pavement and/or complete any pavement repair.
15. Complete water quality ponds.
16. Complete permanent erosion control and site restoration.
17. Remove and dispose of temporary erosion controls.
18. Complete any necessary final dress up of areas disturbed by construction operations.

TRAFFIC CONTROL NOTES (include if applicable)

1. Plans shall indicate responsible agent for traffic control (Engineer or Contractor).
2. Contractor shall maintain reasonable local vehicular traffic throughout construction operations.
3. Contractor shall provide signs, barricades, flaggers, and other measures as required to allow for vehicular and pedestrian traffic to proceed safely with minimum inconvenience.
4. Signs, barricades, flaggers, and related work shall be in accordance with the Texas Manual on Uniform Traffic Control Devices and with the requirements of the governing city/county.
5. For any activity within TxDOT right-of-way, project must ha', e a TxDOT permit. A copy of the TxDOT permit shall be provided to the WTCPUA prior to construction.

SWPPP NOTES

This project is subject to the Texas Commission on Environmental Quality's (TCEQ) Texas Pollution Discharge Elimination System (TPDES) General Permit TXR150000 for Construction Activities. The General Permit requires the preparation of a Storm Water Pollution Prevention Plan (SWPPP), which has been provided by the OWNER for use by the CONTRACTOR. The OWNER shall provide the OWNER'S Notice of Intent (NOI) and Notice of Termination (N0T) to the TCEQ. The CONTRACTOR'S responsibilities are as follows:

1. Maintain a copy of the SWPPP and a set of construction plans with the temporary erosion and sediment control plan at the Work site at all times.
2. File a Notice of Intent (NOI) and applicable payment to the TCEQ at least 2 days prior to site disturbance.
3. Post a copy of the OWNER'S and CONTRACTOR'S NOI forms at the Work site.
4. Sign the certification and obtain a signed certification statement from all Subcontractors responsible for implementing the erosion and sediment control measures which indicates that the CONTRACTOR and Subcontractor understands the permit requirements (forms are in the SWPPP)
5. Follow and comply with all aspects of the TPDES General Permit No. TXR150000. This includes but is not limited to field inspections and report, maintaining and repairing erosion controls and updating erosion controls and updating erosion control plan sheets based on field changes and modifications.
6. File a copy of the CONTRACTOR'S Notice of Termination (NOT) with the TCEQ once the work is completed in accordance with the TPDES general permit no TXR.150000 and has been accepted by the owner.

WTCPUA WATER & WASTEWATER GENERAL CONSTRUCTION NOTES

1. All construction operations shall be accomplished in accordance with applicable state statutes and U.S. Occupational Safety and Health Administration regulations (O.S.H.A.). Copies of O.S.H.A. standards may be purchased from the U.S. Government printing office. Information and related reference materials may be obtained from O.S.H.A. Austin Area Office - La Costa Green Bldg 1033, La Posada Dr, Suite 375, Austin, Texas 78752-3832, 512-374-0271.
2. The attention of the contractor is directed to The City of Austin Standard Specifications and to the State Law, (Vernon's Annotated Texas Statutes, Article 1436 ©) and the need for effective precautionary measures when operating in the vicinity of electrical lines. The contractor is responsible for all safety requirements, and for coordination of all work with the appropriate electric utility company.
3. The Contractor shall contact the One-Call Board of Texas at 811 or 1-800-545-6005 for existing utility locations prior to any excavation. The location and type of utilities and underground facilities shown on these plans are not guaranteed to be accurate or all-inclusive. It is the Contractor's responsibility to locate and protect all existing utilities. The Contractor shall verify all depths and locations of existing utilities prior to any construction. In additional to normal precautions when excavating, use extra caution when excavating within 25 feet of any utilities shown on the plans.
4. The Contractor shall be responsible for all coordination between himself and other contractors and utilities in the vicinity of the project. This includes all water, wastewater, gas, electrical, telephone, cable television, and street and drainage work. Once the contractor becomes aware of a possible conflict, it is the contractor's responsibility to notify the engineer and WTCPUA inspector within twenty-four (24) hours.
5. The Contractor shall be responsible for disposing of all spoil material from the construction site. All spoils material shall be disposed of by the contractor at an approved spoil site. The contractor shall be responsible for locating and securing a permit for the site. The contractor shall notify the WTCPUA inspector at least forty-eight (48) hours prior to disposal of the material. No spoils are to remain overnight in the floodplain.
10. Cleanup - upon completion and before making application for acceptance of the work, the contractor shall clean all streets and all ground occupied by him in connection with the work of all rubbish, excess materials, excess excavated materials, temporary structures and equipment. All parts of the work shall be left in a neat and presentable condition satisfactory to the WTCPUA and other governmental bodies having jurisdiction prior to submittal of the final payment.
11. The Contractor shall maintain access to businesses and residences at all times. The contractor shall coordinate with property owners to minimize disruption of deliveries, parking, and other activities.
12. Dewatering, if necessary, shall be considered incidental to the work and shall not constitute a basis for additional payment.
13. The minimum depth of cover from top of pipe to finished grade for all water lines shall be four feet. Install lines to avoid high points.
14. Concrete shall be Class 'A' with a minimum 28-day compressive strength of 3,000 psi, unless otherwise noted.
15. Reinforcing steel shall be ASTM A 615M, Grade 60 unless otherwise noted.
16. All responsibility for the adequacy of these plans remains with the engineer who prepared them. In reviewing these plans, the WTCPUA must rely on the adequacy of the design engineer. Approval of these plans by the WTCPUA does not release the design engineer of these responsibilities.

WEST TRAVIS COUNTY PUA WATER AND WASTEWATER UTILITY NOTES

1. West Travis County PUA is the water and / or wastewater service provider for this project. A pre-construction meeting with the WTCPUA shall be held prior to commencement of construction to schedule inspection of installation of water/wastewater facilities. Water facilities will be inspected up to, and including, the water meter and/or fire hydrants. The contact number for WTCPUA is (512) 263- 0100.
2. The City of Austin standard specifications and standard details current at the time of construction shall govern materials and methods used to perform this work. City of Austin Specifications and Standard Details are available at https://library.municode.com/tx/austin/codes/
3. Contractor shall obtain all approvals and permits, including but not limited to street/driveway cut and utility cut permits from the appropriate governmental agency before beginning construction within the right-of-way of a public street or alley.
4. The WTCPUA shall be contacted at (512) 263-0100 at least 48 hours before connecting to their existing water and/or wastewater facilities.
5. The Contractor shall contact the Austin Area "One Call" System at 811 or 1-800-545-6005 for existing utility locations prior to any excavation. In advance of construction, the contractor shall verify the location of all utilities to be extended, tied to, or altered, or subject to damage/inconvenience by the construction operations.
6. No other utility service/appurtenances shall be placed near the property line, or other assigned location designated for water and wastewater utility service that would interfere with the water and/or wastewater services.
7. Where water lines and sewer line are installed with a separation distance closer than nine feet (i.e., water lines crossing wastewater lines, water lines paralleling wastewater lines, or water lines next to manholes) the installation must meet the requirements of 30 TAC §217.53(d) (Pipe Design) and 30 TAC §290.44(e) (Water Distribution). Any deviation these standards shall require a variance approved by TCEQ before submitting piping assignments to the WTCPUA.
8. The City of Austin Specification item 509S will be required as a minimum trench safety measure. Contract documents, which include a trench safety plan signed and sealed by a Texas Professional Engineer and a pay item for trench safety measures, in compliance with OSHA, State, County, and City requirements before beginning work on the project.
9. All material tests, including soil density tests and related soil analysis, shall be accomplished by an independent laboratory funded by the owner in accordance with City of Austin Standard Specification Item 1804S.4.
10. Connections to existing WTCPUA water lines shall be made by cut-in tees in accordance with City of Austin Standard Specification Item 510.3(24). Isolation valves shall be installed on the ends of the cut-in tee, as necessary. A shut-out valve plan shall be provided showing the location of existing gate valves in the vicinity of the connection. The shut-out plan shall identify all affected property owners. Contractor shall perform all work and shall furnish all materials, including draining and cutting into existing piping and connecting a new pipeline or other extension into the existing pressure piping, forming an addition to the potable water transmission and distribution network and performing necessary shutoffs. Contractor shall schedule all such connections in advance and such schedule shall be approved by the WTCPUA before beginning the work. At least 72 hours-notice shall be given to the WTCPUA prior to making the connection, and a representative from the WTCPUA shall be present when the connection is made. Pressure taps may be approved on a case-by-case basis. "Size on Size" taps will NOT be permitted. When approved, any taps shall be made by use of and approved full circle, gasketed cast iron or ductile iron tapping sleeve. Concrete blocking shall be placed behind and under all tap sleeves prior to making the pressure tap and the use of precast blocks may be used to hold the tap in its correction position prior to blocking. The blocking behind and under the tap shall have a minimum of 24 hours curing time before the valve can be reopened for service from that tap.
11. Thrust restraint shall be by metal thrust restraints in accordance with City of Austin Standard Specification Item 510.3(22).
12. Fire hydrants shall be set in accordance with City of Standard Specification Item 51lS.3 E and shall be approved by the Fire Department or other appropriate party prior to installation. Fire hydrants on mains under construction shall be securely wrapped with a poly wrap bag and taped into place. The poly wrap will be removed when the mains are accepted and placed in service. Where Storz adaptors are required (Hays County), fire hydrants shall be manufactured with integral Storz adaptors.
13. Water line testing and sterilization shall be performed in accordance with City of Austin Standard Specification Item 510.3(29) and/or TCEQ rules.
14. Test pressure for 2-hour test shall be at 175 psi at the lowest point in the line.

    Note:
    Prior to pressure testing, contractor shall verify that thrust blocking and/or thrust restraint back to and including the valve against which the pressure test shall be performed, has been installed to at least the specifications of this project. Failure to verify that thrust blocking and/or thrust restraint in the existing line meets or exceeds the specifications of this project may result in serious damage to the existing waterline.
15. Water lines shall be filled with water and all air expelled at least 24 hours before testing. All service laterals and drain valve leads, with the hydrant valves closed and nozzle caps open shall be included in the tests.
16. Contractor shall submit a Disinfection and Flushing Plan in accordance with AWWA standards to the WTCPUA for approval. Required flushing volumes, flushing schedule, and method of disposal of flush water shall be in accordance with the approved plan.
17. Gate valves shall be resilient seated gate valves conforming to AWWA C509, with a minimum rated working pressure of 250 psig.
18. Force main testing shall be performed in accordance with the City of Austin Standard Specification Item 510.3(27) and/or TCEQ rules.
19. Gravity sanitary sewer main testing shall be performed in accordance with the City of Austin Standard Specification Items 510.3(26) and/or TCEQ rules. In addition, all gravity sanitary sewer mains shall be televised prior to acceptance by WTCPUA. Digital files (via CD-ROM) clearly showing televised recording shall be submitted to the Engineer of Record following inspection.
20. Locator 'Finder' Wire - All non -metallic water lines shall have a finder wire located above the pipe. The wire shall be poly-insulated No. 10 solid copper and will terminate at each isolation valve such that it is accessible from the valve box.
21. Locator 'Finder' Wire - All non-metallic wastewater lines shall have a finder wire located above the pipe. The wire shall be poly-insulated No. 10 solid copper and will terminate at readily accessible locations throughout the collection system.
22. Test stations shall be installed where water and/or wastewater lines/appurtenances and wastewater manholes are installed offsite or outside pavement.
23. All valve risers shall have a 1'-6" square concrete box poured around them at finished grade.
24. All manholes shall be lined with a corrosion resistant lining approved by the WTCPUA.
25. Bolted and gasketed covers shall be used for all manholes located in the 100-year floodplain. Where there are more than three gasketed manholes in a row, vents shall be provided on every third manhole.
26. The downstream end of any force main shall be terminated in a sanitary sewer manhole in a manner to minimize turbulence.
27. Contractor shall have necessary Erosion and Sedimentation Controls in place prior to commencing water/wastewater facility construction.
28. Record drawings, as stipulated by the WTCPUA, shall be submitted to the Engineer of Record for verification and furnished to the WTCPUA upon completion of the project.
29. The WTCPUA will own and operate all water lines and appurtenances up to and including the water meter. These improvements will be defined by a recorded easement or in public right-of-way.
30. Any portions of wastewater lines including services that are located outside of a recorded easement or public right-of-way will be owned and maintained by the property owner, or his/her assigns.
31. Where existing water and/or wastewater infrastructure is to be abandoned, the engineer shall submit an abandonment plan for approval by the WTCPUA.
32. Water services shall be installed using HDPE pipe. Copper is not allowed. Minimum service tap shall be 2" diameter.
33. For any storm sewer line crossing a water or wastewater line closer than 18", the storm sewer pipe shall be laid such that no storm sewer joints will be over the water pipe crossing.

!!! 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.

"RELEASE OF THIS APPLICATION DOES NOT CONSTITUTE A VERIFICATION OF ALL DATA, INFORMATION AND CALCULATIONS SUPPLIED BY THE APPLICANT. THE ENGINEER OF RECORD IS SOLELY RESPONSIBLE FOR THE COMPLETENESS, ACCURACY AND ADEQUACY OF HIS/HER SUBMITTAL, WHETHER OR NOT THE APPLICATION IS REVIEWED FOR CODE COMPLIANCE BY CITY ENGINEERS"

Texas 811 — Know what's below. Call before you dig.

Walker Partners
engineers | surveyors
T.B.P.E. Registration No. 8053

VLK

ARCHITECT
VLK
2700 Via Fortuna, Suite 230
Austin, Texas 78746
Main Phone: 512.807.3145
www.vlkarchitects.com

DRIPPING SPRINGS ISD
DRIPPING SPRINGS, TEXAS

Bid Package 2
Issue For Permitting, Bidding and Construction

STATE OF TEXAS
DAVID P SMITH
56239
REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

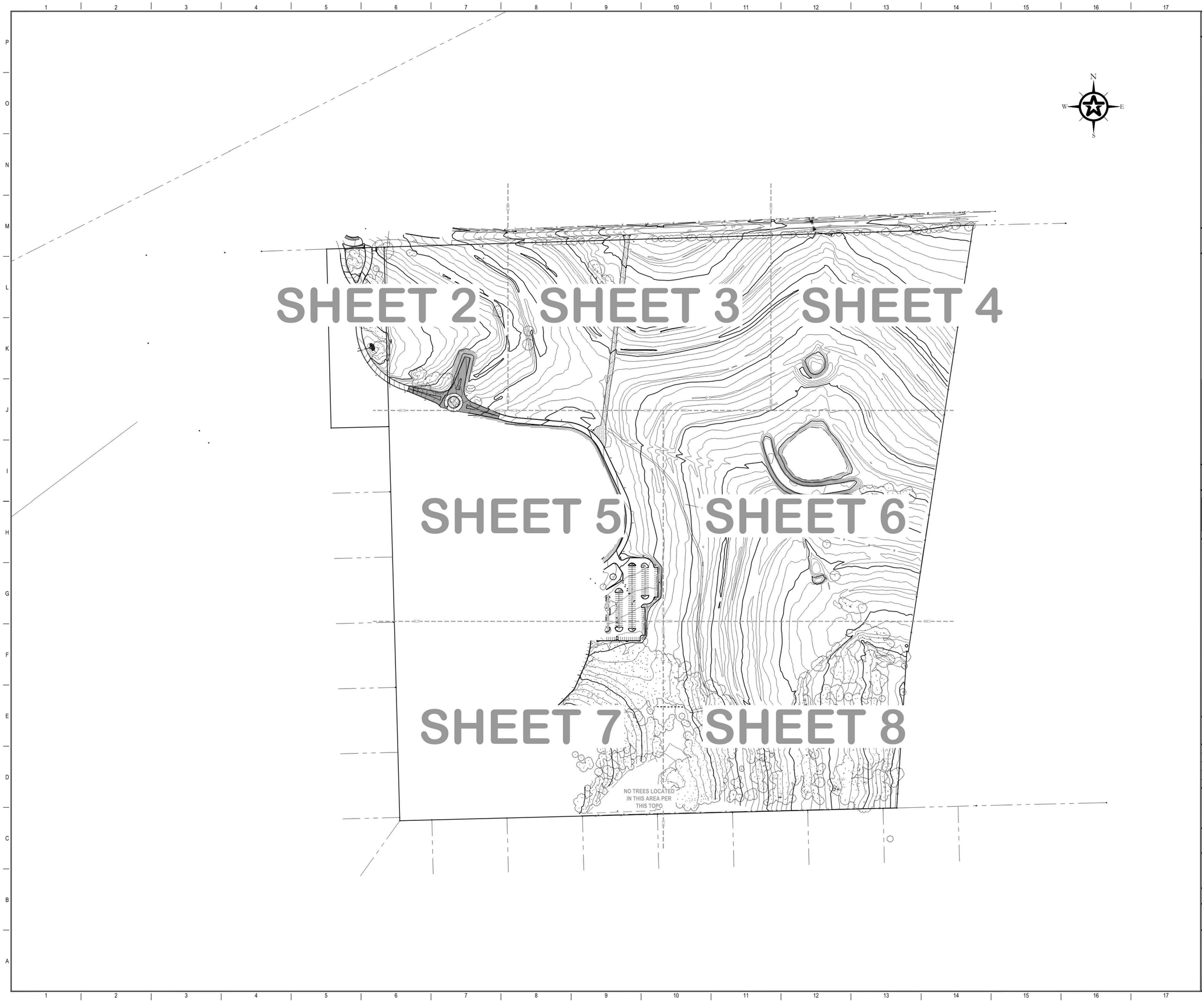
Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.
23-134.00

SHEET TITLE
CONSTRUCTION NOTES

SHEET NO.
C0.2

DRIPPING SPRINGS HS No.2



LEGEND

H.C.C.D.	= HAYES COUNTY CLERK'S DOCUMENT
O.P.R.H.C.T.	= OFFICIAL PUBLIC RECORDS HAYES COUNTY, TEXAS
	= SURVEY CONTROL POINT
	= FIRE HYDRANT
	= WATER VALVE
	= WATER METER
	= WATER IRRIGATION CONTROL VALVE
	= AIR RELEASE VALVE
	= UTILITY POLE
	= GUY WIRE
	= ELECTRIC JUNCTION BOX
	= LIGHT POLE
— E —	= OVERHEAD ELECTRIC LINE
— X —	= FENCE
	= TRAFFIC SIGN
	= ASPHALT EDGE
	= MAILBOX
	= GRAVEL
	= CONCRETE
	= RIP RAP
	= TREE

SURVEYOR'S NOTES

SURVEY DATE: OCTOBER 11, 2024

THE SURVEYOR DID NOT ABSTRACT THE SUBJECT TRACT. THEREFORE THE SURVEYOR CERTIFIES THAT EASEMENTS THAT HE HAS BEEN ADVISED OF HAVE BEEN ADDRESSED HEREON. HOWEVER, THE SURVEYOR DOES NOT GUARANTEE THAT ALL EASEMENTS, RESTRICTIONS OR ENCUMBRANCES (EITHER OF RECORD OR NOT OF RECORD) WHICH MAY AFFECT THE SUBJECT TRACT ARE SHOWN HEREON.

FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) NOTE: BY GRAPHIC PLOTTING ONLY THIS PROPERTY IS IN FEMA **"OTHER AREAS" ZONE X** AS SHOWN ON THE FLOOD INSURANCE RATE MAP, COMMUNITY PANEL #48209C0120F AND 48209C0140F, HAVING AN EFFECTIVE DATE OF SEPTEMBER 2, 2005. THIS FLOOD STATEMENT DOES NOT IMPLY THAT THIS TRACT WILL, OR WILL NOT FLOOD, NOR DOES IT CREATE ANY LIABILITY IN SUCH EVENT ON THE PART OF THIS SURVEYOR OR COMPANY.

EXPLANATION OF FEMA ZONES:
FEMA **"OTHER AREAS" ZONE X** = AREA OF MINIMAL FLOOD HAZARD

TREES SHOWN HEREON WITHOUT TREE TAG NUMBERS ARE 6-17" CEDAR TREES.

THE COORDINATES AND ELEVATIONS ARE BASED UPON STATE PLANE COORDINATE SYSTEM, NAD 83, TEXAS SOUTH CENTRAL ZONE, NAVD 88 (USA GEOID 12B) ACQUIRED FROM GLOBAL POSITIONING SYSTEM OBSERVATIONS. THE COORDINATES SHOWN HEREON ARE SURFACE COORDINATES WITH A COMBINED ADJUSTED SCALE FACTOR (CAF) OF 1.00013. (SURF / CAF = GRID)

3-00895 CONTROL LIST

POINT	NORTHING	EASTING	EASTING	DESCRIPTION
1	13968548.32	2283178.63	1137.13	1/2" IRON ROD WITH CAP STAMPED "WALKER CONTROL"
2	13968508.26	2283154.69	1137.28	MAG NAIL WITH WASHER STAMPED "WALKER PARTNERS"
3	13970179.55	2282119.98	1122.06	CUT "X" IN CONCRETE
4	13970216.21	2285016.77	1146.70	COTTON SPINDLE WITH WASHER STAMPED "WALKER PARTNERS"
5	13969222.69	2283146.54	1135.27	CUT "X" IN CONCRETE
6	13970119.93	2283353.87	1148.71	1/2" IRON ROD WITH CAP STAMPED "WALKER CONTROL"
7	13967487.67	2283103.86	1114.86	1/2" IRON ROD WITH CAP STAMPED "WALKER CONTROL"

0 20 40 80
GRAPHIC SCALE (FEET)

1.	ADDITIONAL TREES	1/8/2025

Walker Partners
engineers ★ surveyors
823 Washington Ave ★ Waco, Texas 76701
Phone: 1-254-714-1402 ★ T.B.P.E. Registration No. 8053
T.B.P.L.S. Registration No. 10033500

DRIPPING SPRINGS, HAYES COUNTY, TEXAS

TOPOGRAPHIC SURVEY
OF DRIPPING SPRINGS HIGH SCHOOL NO. 2

I HEREBY STATE THAT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF THAT THIS PLAT AND THE SURVEY UPON WHICH IT IS BASED MEETS THE REQUIREMENTS FOR LAND SURVEYS IN THE STATE OF TEXAS. SURVEYED IN THE MONTH OF OCTOBER 2024.

NOVEMBER 5, 2024
RELEASE DATE

KOREY LEE SMITH R.P.L.S. 6645
korey@walkerpartners.com

STATE OF TEXAS
REGISTERED
KOREY LEE SMITH
6645
PROFESSIONAL
LAND SURVEYOR

PLAT NUMBER	E1-0074
PROJECT NUMBER	3-00895.00
DRAWN BY/CHECKED BY	WRW/KLS
FIELD NOTE NO.	N/A
DRAWING NAME	3-00895TOPO.DWG
DRAFT DATE	10/29/2024
SHEET NUMBER	1 OF 10

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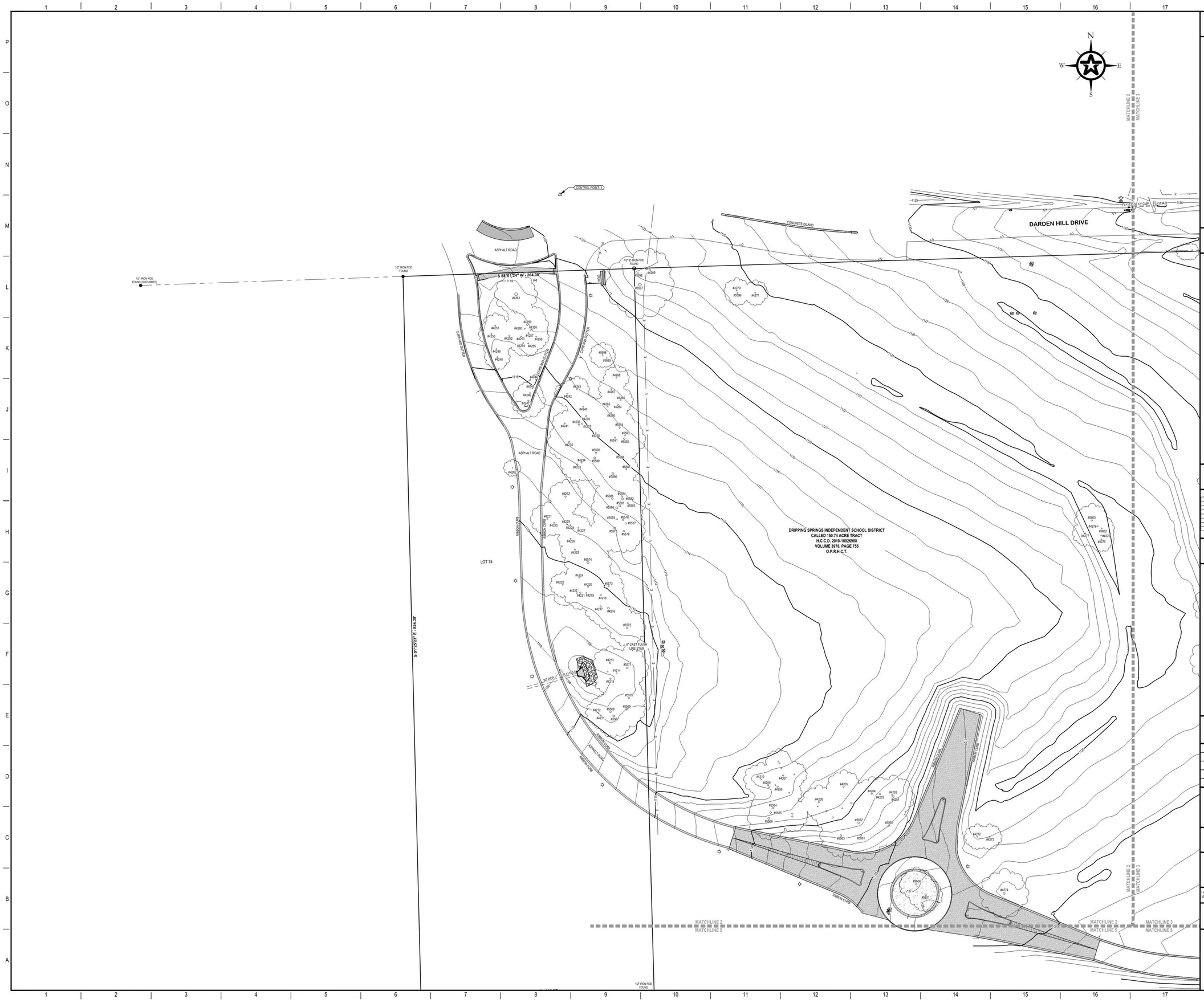

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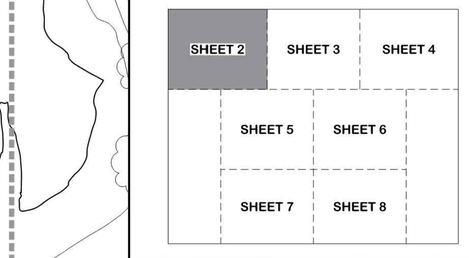
KEY MAP



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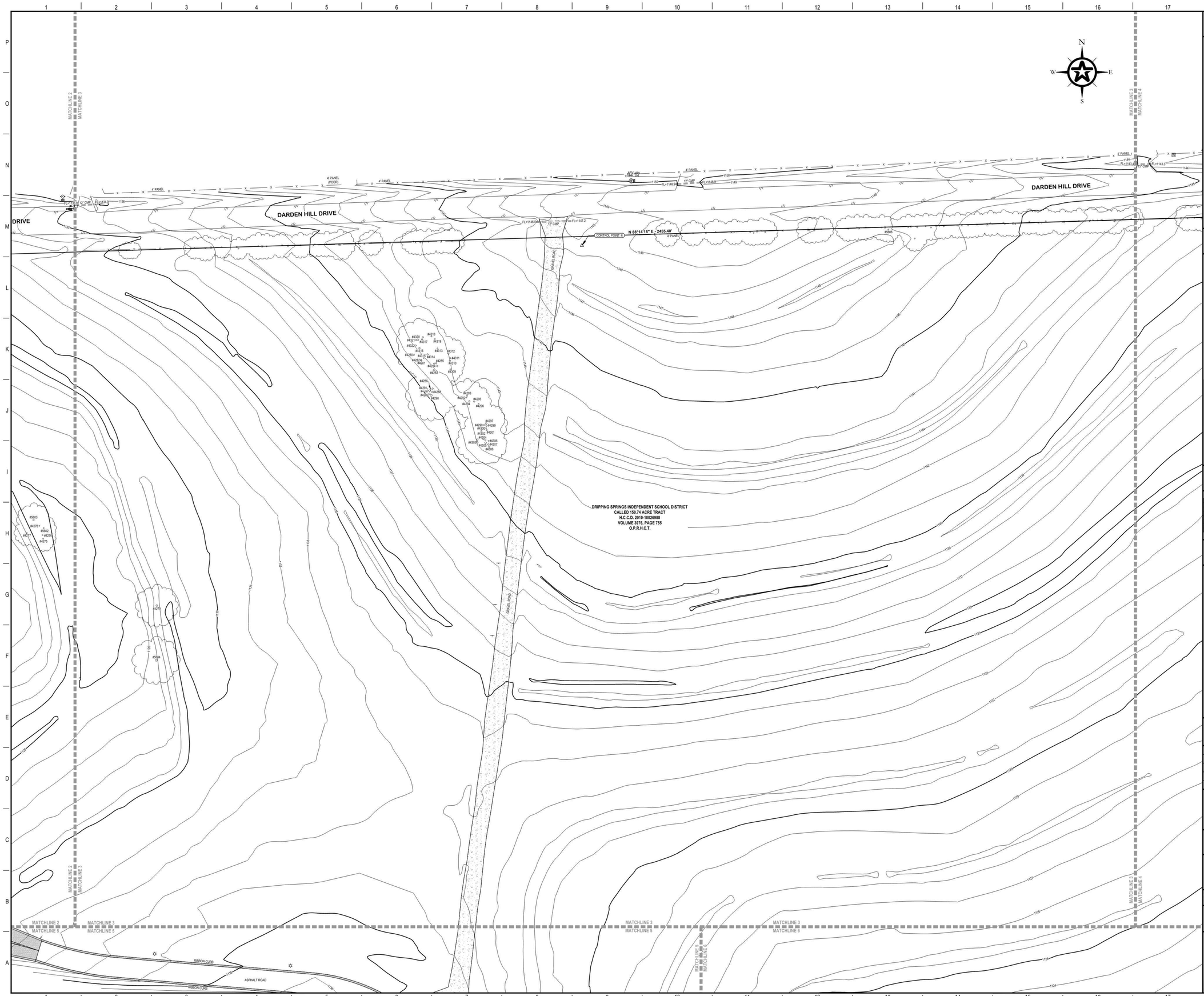
FIELD NOTE NO.	N/A
DRAWING NAME	3-00895TOPO.DWG
DRAFT DATE	10/29/2024
SHEET NUMBER	2 OF 10

G:\PROJECTS\3-00895\1 SURVEY\1.0 CAD\3-00895TOPO.DWG, 2, 1/8/2025 11:27:13 AM, Wrieds, 1:1

C1.1



LEGEND

H.C.C.D.	= HAYES COUNTY CLERK'S DOCUMENT
O.P.R.H.C.T.	= OFFICIAL PUBLIC RECORDS HAYES COUNTY, TEXAS
	= SURVEY CONTROL POINT
	= FIRE HYDRANT
	= WATER VALVE
	= WATER METER
	= WATER IRRIGATION CONTROL VALVE
	= AIR RELEASE VALVE
	= UTILITY POLE
	= GUY WIRE
	= ELECTRIC JUNCTION BOX
	= LIGHT POLE
— E —	= OVERHEAD ELECTRIC LINE
— X —	= FENCE
	= TRAFFIC SIGN
	= ASPHALT EDGE
	= MAILBOX
	= GRAVEL
	= CONCRETE
	= RIP RAP
	= TREE

SURVEYOR'S NOTES

SURVEY DATE: OCTOBER 11, 2024

THE SURVEYOR DID NOT ABSTRACT THE SUBJECT TRACT. THEREFORE THE SURVEYOR CERTIFIES THAT EASEMENTS THAT HE HAS BEEN ADVISED OF HAVE BEEN ADDRESSED HEREON. HOWEVER, THE SURVEYOR DOES NOT GUARANTEE THAT ALL EASEMENTS, RESTRICTIONS OR ENCUMBRANCES (EITHER OF RECORD OR NOT OF RECORD) WHICH MAY AFFECT THE SUBJECT TRACT ARE SHOWN HEREON.

FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) NOTE: BY GRAPHIC PLOTTING ONLY THIS PROPERTY IS IN FEMA **"OTHER AREAS" ZONE X** AS SHOWN ON THE FLOOD INSURANCE RATE MAP, COMMUNITY PANEL #48209C0120F AND 48209C0140F, HAVING AN EFFECTIVE DATE OF SEPTEMBER 2, 2005. THIS FLOOD STATEMENT DOES NOT IMPLY THAT THIS TRACT WILL, OR WILL NOT FLOOD, NOR DOES IT CREATE ANY LIABILITY IN SUCH EVENT ON THE PART OF THIS SURVEYOR OR COMPANY.

EXPLANATION OF FEMA ZONES:
FEMA **"OTHER AREAS" ZONE X** = AREA OF MINIMAL FLOOD HAZARD

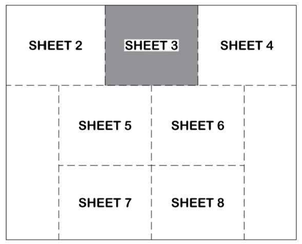
TREES SHOWN HEREON WITHOUT TREE TAG NUMBERS ARE 6-17" CEDAR TREES.

THE COORDINATES AND ELEVATIONS ARE BASED UPON STATE PLANE COORDINATE SYSTEM, NAD 83, TEXAS SOUTH CENTRAL ZONE, NAVD 88 (USA GEOID 12B) ACQUIRED FROM GLOBAL POSITIONING SYSTEM OBSERVATIONS. THE COORDINATES SHOWN HEREON ARE SURFACE COORDINATES WITH A COMBINED ADJUSTED SCALE FACTOR (CAF) OF 1.00013. (SURF / CAF = GRID)

3-00895 CONTROL LIST

POINT	NORTHING	EASTING	EASTING	DESCRIPTION
1	13968548.32	2283178.63	1137.13	1/2" IRON ROD WITH CAP STAMPED "WALKER CONTROL"
2	13968568.26	2283154.69	1137.28	MAG NAIL WITH WASHER STAMPED "WALKER PARTNERS"
3	13970179.55	2282119.99	1122.06	CUT "X" IN CONCRETE
4	13970216.21	2285018.77	1146.70	COTTON SPINDLE WITH WASHER STAMPED "WALKER PARTNERS"
5	13969223.69	2283146.54	1135.27	CUT "X" IN CONCRETE
6	13970119.93	2283353.87	1148.71	1/2" IRON ROD WITH CAP STAMPED "WALKER CONTROL"
7	13967487.87	2283153.86	1114.86	1/2" IRON ROD WITH CAP STAMPED "WALKER CONTROL"

KEY MAP



0 20 40 80
GRAPHIC SCALE (FEET)

1.	ADDITIONAL TREES	1/8/2025

Walker Partners
engineers ★ surveyors
823 Washington Ave ★ Waco, Texas 76701
Phone: 1-254-714-1402 ★ T.B.P.E. Registration No. 8053
T.B.P.L.S. Registration No. 10033500

DRIPPING SPRINGS, HAYES COUNTY, TEXAS

TOPOGRAPHIC SURVEY
OF DRIPPING SPRINGS HIGH SCHOOL NO. 2

I HEREBY STATE THAT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF THAT THIS PLAT AND THE SURVEY UPON WHICH IT IS BASED MEETS THE REQUIREMENTS FOR LAND SURVEYS IN THE STATE OF TEXAS. SURVEYED IN THE MONTH OF OCTOBER 2024.

NOVEMBER 5, 2024
RELEASE DATE

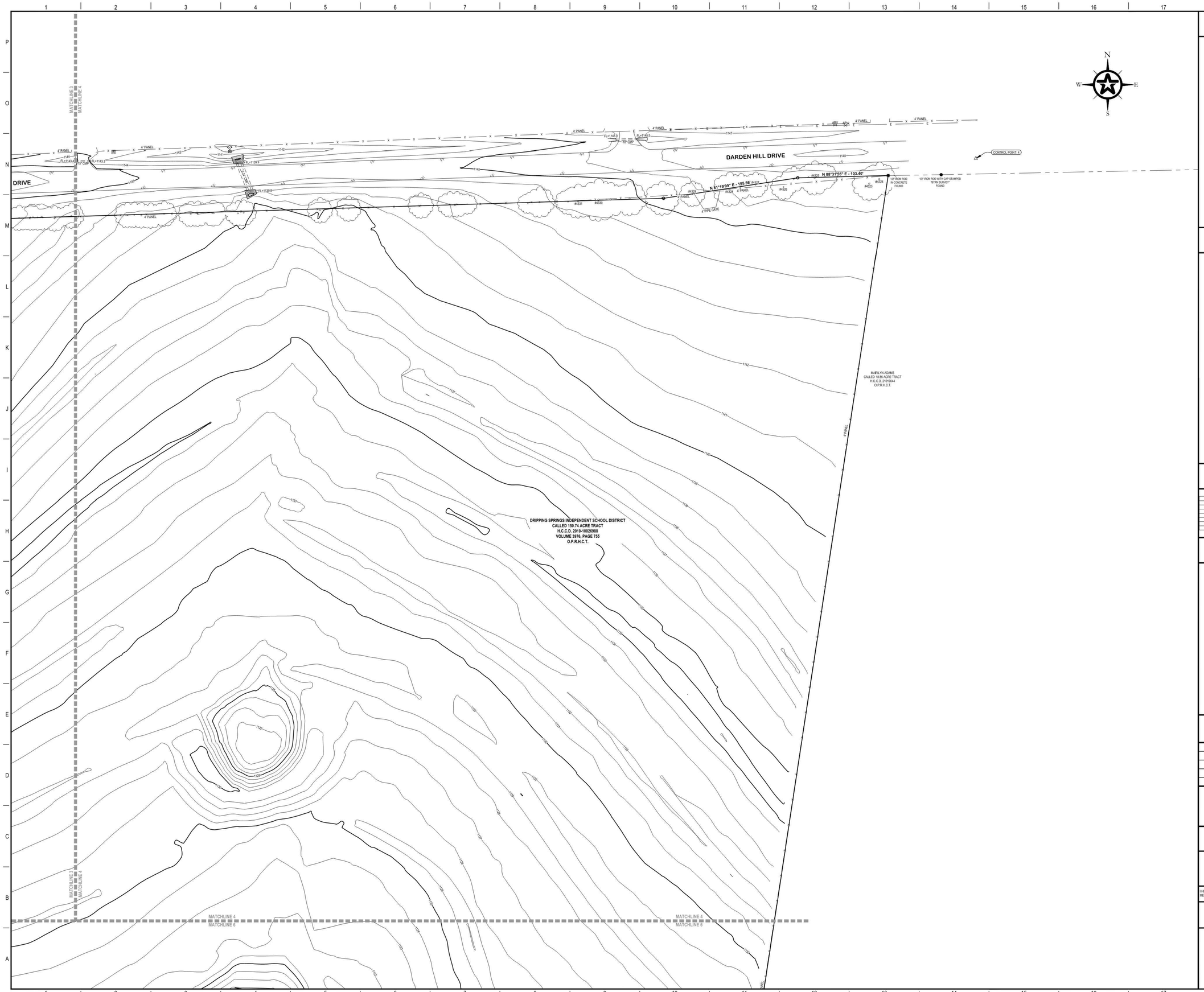
KOREY LEE SMITH R.P.L.S. 6645
korey@walkerpartners.com

STATE OF TEXAS
REGISTERED
KOREY LEE SMITH
6645
PROFESSIONAL
LAND SURVEYOR

PLAT NUMBER	E1-0074
PROJECT NUMBER	3-00895.00
DRAWN BY/CHECKED BY	WRW/KLS
FIELD NOTE NO.	N/A
DRAWING NAME	3-00895TOPO.DWG
DRAFT DATE	10/29/2024
SHEET NUMBER	3 OF 10

C1.2

G:\PROJECTS\3-00895\11 SURVEY\11.0 CAD\3-00895TOPO.DWG, 3, 1/8/2025 11:27:37 AM, WWebb, 1:1



LEGEND

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	= FIRE HYDRANT
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	= WATER METER
	= WATER IRRIGATION CONTROL VALVE
ARV	= AIR RELEASE VALVE
	= UTILITY POLE
	= GUY WIRE
	= ELECTRIC JUNCTION BOX
	= LIGHT POLE
— E —	= OVERHEAD ELECTRIC LINE
— X —	= FENCE
	= TRAFFIC SIGN
	= ASPHALT EDGE
	= MAILBOX
	= GRAVEL
	= CONCRETE
	= RIP RAP
	= TREE

SURVEYOR'S NOTES

SURVEY DATE: OCTOBER 11, 2024

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3-00895 CONTROL LIST

POINT	NORTHING	EASTING	EASTING	DESCRIPTION
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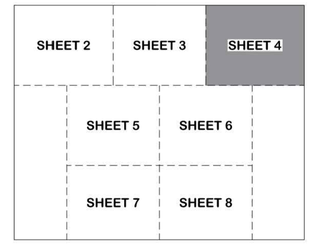
2	13968568.26	2283154.69	1137.28	MAG NAIL WITH WASHER STAMPED "WALKER PARTNERS"
3	13970179.55	2282119.98	1122.06	CUT "X" IN CONCRETE
4	13970216.21	2285039.77	1146.70	COTTON SPINDLE WITH WASHER STAMPED "WALKER PARTNERS"
5	13969222.69	2283146.54	1135.27	CUT "X" IN CONCRETE
6	13970119.93	2283353.87	1140.71	1/2" IRON ROD WITH CAP STAMPED "WALKER CONTROL"
7	13967487.67	2283103.86	1114.86	1/2" IRON ROD WITH CAP STAMPED "WALKER CONTROL"

KEY MAP



0 20 40 80
GRAPHIC SCALE (FEET)

1.	ADDITIONAL TREES	1/8/2025

Walker Partners
engineers ★ surveyors
823 Washington Ave. ★ Waco, Texas 76701
Phone: 1-254-714-1402 ★ T.B.P.E. Registration No. 8053
T.B.P.L.S. Registration No. 10032500

DRIPPING SPRINGS, HAYES COUNTY, TEXAS

TOPOGRAPHIC SURVEY
OF DRIPPING SPRINGS HIGH SCHOOL NO. 2

I HEREBY STATE THAT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF THAT THIS PLAT AND THE SURVEY UPON WHICH IT IS BASED MEETS THE REQUIREMENTS FOR LAND SURVEYS IN THE STATE OF TEXAS. SURVEYED IN THE MONTH OF OCTOBER 2024.

NOVEMBER 5, 2024
RELEASE DATE

KORREY LEE SMITH, R.P.L.S. 6645
korrey@walkerpartners.com

STATE OF TEXAS
KORREY LEE SMITH
6645
REGISTERED
PROFESSIONAL
LAND SURVEYOR

PLAT NUMBER	E1-0074
PROJECT NUMBER	3-00895.00
DRAWN BY/CHECKED BY	WRW/KLS
FIELD NOTE NO.	N/A
DRAWING NAME	3-00895TOPO.DWG
DRAFT DATE	10/29/2024
SHEET NUMBER	4 OF 10

G:\PROJECTS\3-00895\1 SURVEY\1.4 CAD\3-00895TOPO.DWG, 1, 1/8/2025 11:27:42 AM, WWelch, 1:1

C1.3

LEGEND

H.C.C.D. = HAYES COUNTY CLERK'S DOCUMENT
O.P.R.H.C.T. = OFFICIAL PUBLIC RECORDS HAYES COUNTY, TEXAS
= SURVEY CONTROL POINT
= FIRE HYDRANT
= WATER VALVE
= WATER METER
= WATER IRRIGATION CONTROL VALVE
= AIR RELEASE VALVE
= UTILITY POLE
= GUY WIRE
= ELECTRIC JUNCTION BOX
= LIGHT POLE
= OVERHEAD ELECTRIC LINE
= FENCE
= TRAFFIC SIGN
= ASPHALT EDGE
= MAILBOX
= GRAVEL
= CONCRETE
= RIP RAP
= TREE

SURVEYOR'S NOTES

SURVEY DATE: OCTOBER 11, 2024

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3-00895 CONTROL LIST

POINT	NORTHING	EASTING	EASTING	DESCRIPTION
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2	13968568.26	2283154.69	1137.28	MAG NAIL WITH WASHER STAMPED "WALKER PARTNERS"
3	13970179.55	2282119.98	1122.06	CUT "X" IN CONCRETE
4	13970216.21	2285016.77	1146.70	COTTON SPINDLE WITH WASHER STAMPED "WALKER PARTNERS"
5	13969223.69	2283146.54	1135.27	CUT "X" IN CONCRETE
6	13970119.93	2283353.87	1148.71	1/2" IRON ROD WITH CAP STAMPED "WALKER CONTROL"
7	13967487.67	2283103.86	1114.86	1/2" IRON ROD WITH CAP STAMPED "WALKER CONTROL"

KEY MAP

SHEET 2 | SHEET 3 | SHEET 4
SHEET 5 | SHEET 6
SHEET 7 | SHEET 8

0 20 40 80
GRAPHIC SCALE (FEET)

1.	ADDITIONAL TREES	1/8/2025

Walker Partners
engineers ★ surveyors
823 Washington Ave. ● Waco, Texas 76701
Phone: 1-254-714-1402 ● T.B.P.E. Registration No. 8053
T.B.P.L.S. Registration No. 10032500

DRIPPING SPRINGS, HAYES COUNTY, TEXAS

TOPOGRAPHIC SURVEY
OF DRIPPING SPRINGS HIGH SCHOOL NO. 2

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NOVEMBER 5, 2024
RELEASE DATE

KOREY LEE SMITH R.P.L.S. 6645
ksmith@walkerpartners.com

STATE OF TEXAS REGISTERED KOREY LEE SMITH 6645 PROFESSIONAL LAND SURVEYOR

PLAT NUMBER	E1-0074
PROJECT NUMBER	3-00895.00
DRAWN BY/CHECKED BY	WRW/KLS
FIELD NOTE NO.	N/A
DRAWING NAME	3-00895TOPO.DWG
DRAFT DATE	10/29/2024
SHEET NUMBER	5 OF 10

G:\PROJECTS\3-00895\1 SURVEY\1.0 CAD\3-00895TOPO.DWG, 5, 1/8/2025 11:28:09 AM, WWebb, 1:1

C1.4

LEGEND

H.C.C.D.	= HAYES COUNTY CLERK'S DOCUMENT
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△	= SURVEY CONTROL POINT
	= FIRE HYDRANT
⋈	= WATER VALVE
W	= WATER METER
	= WATER IRRIGATION CONTROL VALVE
ARV	= AIR RELEASE VALVE
	= UTILITY POLE
	= GUY WIRE
J	= ELECTRIC JUNCTION BOX
	= LIGHT POLE
— E —	= OVERHEAD ELECTRIC LINE
— X —	= FENCE
	= TRAFFIC SIGN
	= ASPHALT EDGE
	= MAILBOX
	= GRAVEL
	= CONCRETE
	= RIP RAP
	= TREE

SURVEYOR'S NOTES

SURVEY DATE: OCTOBER 11, 2024

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3	13970179.55	2282119.98	1122.06	CUT "X" IN CONCRETE
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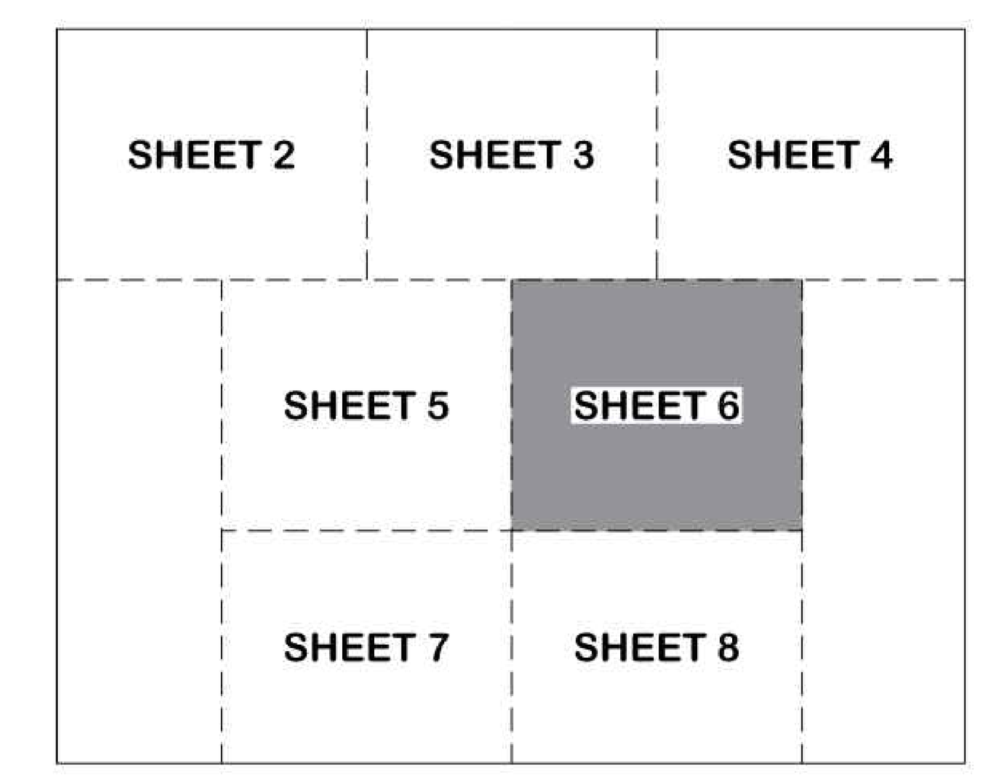
KEY MAP



0 20 40 80
GRAPHIC SCALE (FEET)

1.	ADDITIONAL TREES	1/8/2025

Walker Partners
engineers ★ surveyors
823 Washington Ave. ● Waco, Texas 76701
Phone: 1-254-714-1402 ● T.B.P.E. Registration No. 8053
T.B.P.L.S. Registration No. 10032500

DRIPPING SPRINGS, HAYES COUNTY, TEXAS

TOPOGRAPHIC SURVEY
OF DRIPPING SPRINGS HIGH SCHOOL NO. 2

I HEREBY STATE THAT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF THAT THIS PLAT AND THE SURVEY UPON WHICH IT IS BASED MEETS THE REQUIREMENTS FOR LAND SURVEYS IN THE STATE OF TEXAS. SURVEYED IN THE MONTH OF OCTOBER 2024.

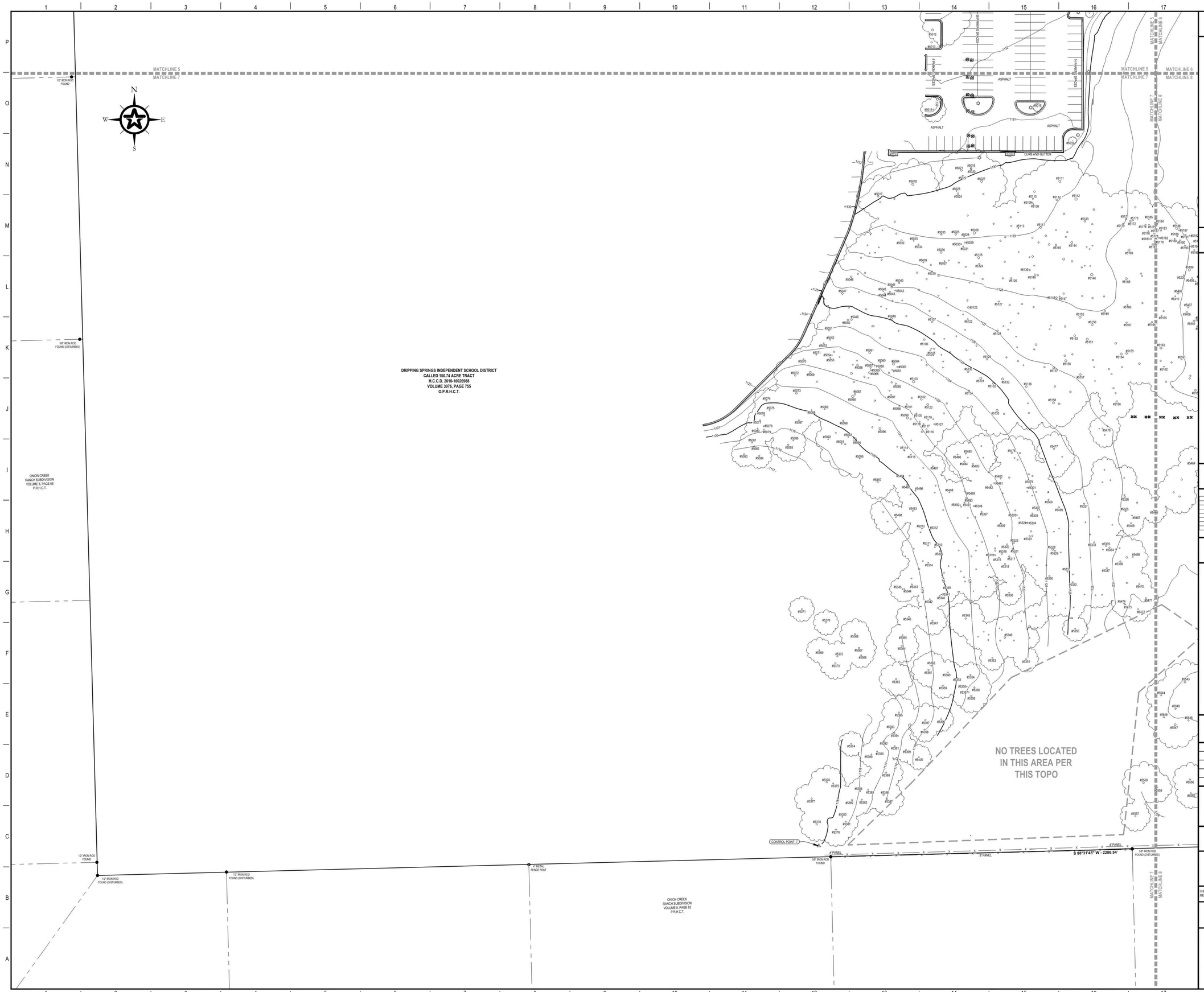
NOVEMBER 5, 2024
RELEASE DATE

KOREY LEE SMITH R.P.L.S. 6645
ksmith@walkerpartners.com

STATE OF TEXAS REGISTERED KOREY LEE SMITH 6645 PROFESSIONAL LAND SURVEYOR

PLAT NUMBER	E1-0074
PROJECT NUMBER	3-00895.00
DRAWN BY/CHECKED BY	WRW/KLS
FIELD NOTE NO.	N/A
DRAWING NAME	3-00895TOPO.DWG
DRAFT DATE	10/29/2024
SHEET NUMBER	6 OF 10

G:\PROJECTS\3-00895\1 SURVEY\1.0 CAD\3-00895TOPO.DWG, 6, 1/8/2025 11:28:40 AM, WWebb, 1:1



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SURVEYOR'S NOTES

SURVEY DATE: OCTOBER 11, 2024

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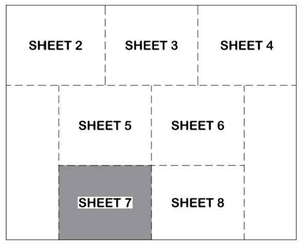
KEY MAP



0 20 40 80
GRAPHIC SCALE (FEET)

1.	ADDITIONAL TREES	1/8/2025

Walker Partners
engineers ★ surveyors
820 Washington Ave ★ Waco, Texas 76701
Phone: 1-254-714-1402 ★ T.B.P.E. Registration No. 8053
T.B.P.L.S. Registration No. 10033500

DRIPPING SPRINGS, HAYES COUNTY, TEXAS

TOPOGRAPHIC SURVEY
OF DRIPPING SPRINGS HIGH SCHOOL NO. 2

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RELEASE DATE

KOREY LEE SMITH ★ R.P.L.S. 6645
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STATE OF TEXAS
REGISTERED
KOREY LEE SMITH
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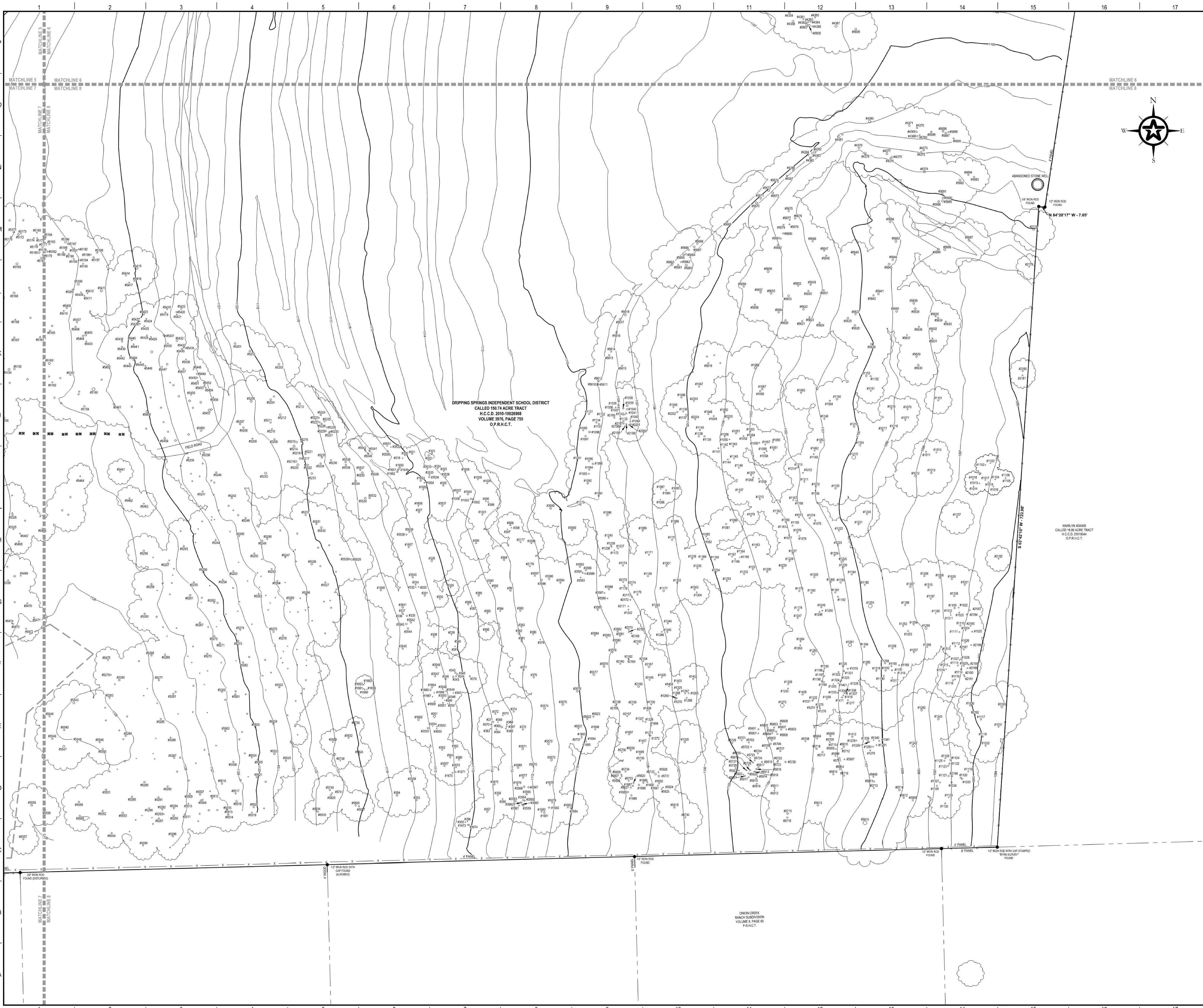
PROFESSIONAL
LAND SURVEYOR

PLAT NUMBER	E1-0074
PROJECT NUMBER	3-00895.00
DRAWN BY/CHECKED BY	WRH/KLS
FIELD NOTE NO.	N/A
DRAWING NAME	3-00895TOPO.DWG
DRAFT DATE	10/29/2024
SHEET NUMBER	7 OF 10

C1.6



LEGEND

H.C.C.D. = HAYES COUNTY CLERK'S DOCUMENT
O.P.R.H.C.T. = OFFICIAL PUBLIC RECORDS HAYES COUNTY, TEXAS
= SURVEY CONTROL POINT
= FIRE HYDRANT
= WATER VALVE
= WATER METER
= WATER IRRIGATION CONTROL VALVE
ARV = AIR RELEASE VALVE
= UTILITY POLE
= GUY WIRE
= ELECTRIC JUNCTION BOX
= LIGHT POLE
— E — = OVERHEAD ELECTRIC LINE
— X — = FENCE
= TRAFFIC SIGN
= ASPHALT EDGE
= MAILBOX
= GRAVEL
= CONCRETE
= RIP RAP
= TREE

SURVEYOR'S NOTES

SURVEY DATE: OCTOBER 11, 2024

THE SURVEYOR DID NOT ABSTRACT THE SUBJECT TRACT. THEREFORE THE SURVEYOR CERTIFIES THAT EASEMENTS THAT HE HAS BEEN ADVISED OF HAVE BEEN ADDRESSED HEREON. HOWEVER, THE SURVEYOR DOES NOT GUARANTEE THAT ALL EASEMENTS, RESTRICTIONS OR ENCUMBRANCES (EITHER OF RECORD OR NOT OF RECORD) WHICH MAY AFFECT THE SUBJECT TRACT ARE SHOWN HEREON.

FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) NOTE: BY GRAPHIC PLOTTING ONLY THIS PROPERTY IS IN FEMA **"OTHER AREAS" ZONE X** AS SHOWN ON THE FLOOD INSURANCE RATE MAP, COMMUNITY PANEL 48209C0120F AND 48209C0140F, HAVING AN EFFECTIVE DATE OF SEPTEMBER 2, 2005. THIS FLOOD STATEMENT DOES NOT IMPLY THAT THIS TRACT WILL, OR WILL NOT FLOOD, NOR DOES IT CREATE ANY LIABILITY IN SUCH EVENT ON THE PART OF THIS SURVEYOR OR COMPANY.

EXPLANATION OF FEMA ZONES:
FEMA **"OTHER AREAS" ZONE X** = AREA OF MINIMAL FLOOD HAZARD

TREES SHOWN HEREON WITHOUT TREE TAG NUMBERS ARE 8-17" CEDAR TREES.

THE COORDINATES AND ELEVATIONS ARE BASED UPON STATE PLANE COORDINATE SYSTEM, NAD 83, TEXAS SOUTH CENTRAL ZONE, NAVD 88 (USA GEOID 12B) ACQUIRED FROM GLOBAL POSITIONING SYSTEM OBSERVATIONS. THE COORDINATES SHOWN HEREON ARE SURFACE COORDINATES WITH A COMBINED ADJUSTED SCALE FACTOR (CAF) OF 1.00013. (SURF / CAF = GRID)

3-00895 CONTROL LIST

POINT	NORTHING	EASTING	EASTING	DESCRIPTION
1	13968548.32	2283176.63	1137.13	1/2" IRON ROD WITH CAP STAMPED "WALKER CONTROL"
2	13968568.26	2283154.69	1137.28	MAG NAIL WITH WASHER STAMPED "WALKER PARTNERS"
3	13970179.55	2282119.98	1122.06	CUT "X" IN CONCRETE
4	13970216.21	2285016.77	1146.70	COTTON SPINDLE WITH WASHER STAMPED "WALKER PARTNERS"
5	13969223.69	2283146.54	1135.27	CUT "X" IN CONCRETE
6	13970119.93	2283353.87	1148.71	1/2" IRON ROD WITH CAP STAMPED "WALKER CONTROL"
7	13967487.67	2283103.86	1114.86	1/2" IRON ROD WITH CAP STAMPED "WALKER CONTROL"

KEY MAP

SHEET 2 | SHEET 3 | SHEET 4
SHEET 5 | SHEET 6
SHEET 7 | SHEET 8

0 20 40 80
GRAPHIC SCALE (FEET)

1.	ADDITIONAL TREES	1/8/2025

Walker Partners
engineers ★ surveyors
823 Washington Ave. ● Waco, Texas 76701
Phone: 1-254-714-1402 ● T.B.P.E. Registration No. 8053
T.B.P.L.S. Registration No. 10032500

DRIPPING SPRINGS, HAYES COUNTY, TEXAS

TOPOGRAPHIC SURVEY
OF DRIPPING SPRINGS HIGH SCHOOL NO. 2

I HEREBY STATE THAT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF THAT THIS PLAT AND THE SURVEY UPON WHICH IT IS BASED MEETS THE REQUIREMENTS FOR LAND SURVEYS IN THE STATE OF TEXAS. SURVEYED IN THE MONTH OF OCTOBER 2024.

NOVEMBER 5, 2024
RELEASE DATE

KOREY LEE SMITH, R.P.L.S. 6645
ksmith@walkerpartners.com

STATE OF TEXAS REGISTERED KOREY LEE SMITH 6645 PROFESSIONAL LAND SURVEYOR

PLAT NUMBER	E1-0074
PROJECT NUMBER	3-00895.00
DRAWN BY/CHECKED BY	WRW/KLS
FIELD NOTE NO.	N/A
DRAWING NAME	3-00895TOPO.DWG
DRAFT DATE	10/29/2024
SHEET NUMBER	8 OF 10

G:\PROJECTS\3-00895\1 SURVEY\1.0 CAD\3-00895TOPO.DWG, 8, 1/8/2025 11:29:16 AM, WWebb, 1:1

3-00895.00 TREE TAG LIST

TREE TAG #	TREE SIZE	TREE TYPE
4201	16.5"	OAK
4202	13.5"	OAK
4203	13"	OAK
4204	14"	OAK
4205	18"	CEDAR
4206	18"	CEDAR
4207	16"	OAK
4208	11"	OAK
4209	12"	OAK
4210	20"	CEDAR
4211	11.5"	OAK
4212	12"	OAK
4213	14"	OAK
4214	9.5"	OAK
4215	13"	OAK
4216	17"	OAK
4217	12"	OAK
4218	10.5"	OAK
4219	9"	OAK
4220	9"	OAK
4221	18"	CEDAR
4222	8"	OAK
4223	10"	OAK
4224	9.5"	OAK
4225	13"	OAK
4226	9"	OAK
4227	10"	OAK
4228	10"	OAK
4229	8"	OAK
4230	10"	OAK
4231	21.5"	CEDAR
4232	15"	OAK
4233	11.5"	OAK
4234	11"	OAK
4235	22.5"	OAK
4236	14.5"	OAK
4237	14"	OAK
4238	8.5"	OAK
4239	24.5"	OAK
4240	10"	OAK
4241	11.5"	OAK
4242	9.5"	OAK
4243	8"	OAK
4244	9"	OAK
4245	9.5"	OAK
4246	17"	OAK
4247	20.5"	OAK
4248	8"	OAK
4249	9"	OAK
4250	9.5"	OAK
4251	14"	OAK
4252	12.5"	OAK
4253	11"	OAK
4254	9.5"	OAK
4255	11"	OAK
4256	9"	OAK
4257	13.5"	OAK
4258	10.5"	OAK
4259	17"	OAK
4260	8.5"	OAK
4261	"	OAK
4262	11"	OAK
4263	9"	OAK
4264	11"	OAK
4265	8"	OAK
4266	8"	OAK
4267	9"	OAK
4268	10"	OAK
4269	35"	OAK
4270	9"	OAK
4271	10"	OAK
4272	8.5"	OAK
4273	9"	OAK
4274	24.5"	OAK
4275	9"	OAK
4276	10"	OAK
4277	8"	OAK
4278	10"	OAK
4279	20"	OAK
4280	9"	OAK
4281	8.5"	OAK
4282	9"	OAK
4283	9"	OAK
4284	10.5"	OAK
4285	9.5"	OAK
4286	8.5"	OAK
4287	14.5"	OAK
4288	11.5"	OAK
4289	16.5"	OAK
4290	18"	OAK
4291	12.5"	OAK
4292	11"	OAK
4293	12"	OAK
4294	11"	OAK
4295	11"	OAK
4296	8.5"	OAK
4297	17"	OAK
4298	12.5"	OAK
4299	12.5"	OAK
4300	8.5"	OAK

TREE TAG #	TREE SIZE	TREE TYPE
4301	14.5"	OAK
4302	12"	OAK
4303	16"	OAK
4304	11.5"	OAK
4305	15"	OAK
4306	9"	OAK
4307	12"	OAK
4308	12.5"	OAK
4309	8.5"	OAK
4310	11"	OAK
4311	10.5"	OAK
4312	10"	OAK
4313	10"	OAK
4314	12.5"	OAK
4315	9"	OAK
4316	10"	OAK
4317	12.5"	OAK
4318	8.5"	OAK
4319	9"	OAK
4320	12"	OAK
4321	12"	OAK
4322	10.5"	OAK
4323	13"	OAK
4324	12.5"	OAK
4325	8"	OAK
4326	8"	OAK
4327	8"	OAK
4328	11"	OAK
4329	8.5"	OAK
4330	22"	OAK
4331	25"	CEDAR
4332	12"	OAK
4333	14"	OAK
4334	8"	OAK
4335	10"	OAK
4336	26"	OAK
4337	10"	OAK
4338	11"	OAK
4339	20"	OAK
4340	22"	OAK
4341	27"	OAK
4342	17"	OAK
4343	17"	OAK
4344	15"	OAK
4345	15"	OAK
4346	12"	OAK
4347	14"	OAK
4348	19"	OAK
4349	20"	OAK
4350	19"	OAK
4351	19"	OAK
4352	18"	OAK
4353	18"	OAK
4354	14"	OAK
4355	17.5"	OAK
4356	14"	OAK
4357	12"	OAK
4358	18"	OAK
4359	17.5"	OAK
4360	11"	OAK
4361	13.5"	OAK
4362	9"	OAK
4363	15"	OAK
4364	11.5"	OAK
4365	11.5"	OAK
4366	10"	OAK
4367	27.5"	OAK
4368	11.5"	OAK
4369	17.5"	OAK
4370	8.5"	OAK
4371	18"	OAK
4372	12"	OAK
4373	9.5"	OAK
4374	32.5"	OAK
4375	32"	OAK
4376	13"	OAK
4377	15"	OAK
4378	18"	OAK
4379	21"	OAK
4380	49.5"	OAK
4381	32"	OAK
4382	10.5"	OAK
4383	21"	OAK
4384	16"	OAK
4385	14"	OAK
4386	12"	OAK
4387	9"	OAK

TREE TAG #	TREE SIZE	TREE TYPE
5001	4"	OAK
5002	4.5"	LIVE
5003	4"	LIVE
5004	11"	OAK
5005	9"	OAK
5006	9"	OAK
5007	4"	LIVE
5008	4"	LIVE
5009	4"	LIVE
5010	4.5"	LIVE
5011	4.5"	LIVE
5012	24"	OAK
5013	17"	OAK
5014	8.5"	OAK
5015	4.5"	LIVE
5016	4"	LIVE
5017	20"	CEDAR
5018	23"	OAK
5019	21"	OAK
5020	14.5"	OAK
5021	14.5"	OAK
5022	10"	OAK
5023	13"	OAK
5024	19"	OAK
5025	23"	CEDAR
5026	26"	CEDAR
5027	22"	ELM
5028	11"	OAK
5029	8"	OAK
5030	10.5"	OAK
5031	9"	OAK
5032	18"	CEDAR
5033	8"	OAK
5034	8"	OAK
5035	18"	CEDAR
5036	18"	CEDAR
5037	8"	OAK
5038	8"	OAK
5039	8"	OAK
5040	18"	CEDAR
5041	15"	OAK
5042	9"	OAK
5043	8"	OAK
5044	8"	OAK
5045	13"	OAK
5046	20"	CEDAR
5047	18"	CEDAR
5048	18"	OAK
5049	18"	CEDAR
5050	24"	CEDAR
5051	"	OAK
5052	8"	OAK
5053	8"	OAK
5054	10"	OAK
5055	8"	OAK
5056	20"	OAK
5057	19"	OAK
5058	8"	OAK
5059	11"	OAK
5060	11"	OAK
5061	20"	CEDAR
5062	8"	OAK
5063	8"	OAK
5064	22"	CEDAR
5065	14"	OAK
5066	11"	OAK
5067	18.5"	OAK
5068	26"	CEDAR
5069	18"	CEDAR
5070	11"	OAK
5071	12"	OAK
5072	13"	OAK
5073	23"	CEDAR
5074	10"	OAK
5075	8.5"	OAK
5076	8"	OAK
5077	10"	OAK
5078	8.5"	OAK
5079	11"	OAK
5080	10"	OAK
5081	10"	OAK
5082	11"	OAK
5083	9"	OAK
5084	11"	OAK
5085	12"	OAK
5086	9"	OAK
5087	8"	OAK
5088	8"	OAK
5089	10"	OAK
5090	12"	OAK
5091	8"	OAK
5092	9"	OAK
5093	8"	OAK
5094	47"	CEDAR
5095	9"	OAK
5096	21"	CEDAR
5097	8"	OAK
5098	"	OAK
5099	23"	CEDAR
5100	11"	OAK

TREE TAG #	TREE SIZE	TREE TYPE
5101	9"	OAK
5102	19"	CEDAR
5103	28"	CEDAR
5104	10"	CEDAR
5105	10"	OAK
5106	19"	CEDAR
5107	19"	CEDAR
5108	"	OAK
5109	10"	OAK
5110	15"	OAK
5111	26"	OAK
5112	19"	CEDAR
5113	8"	OAK
5114	8.5"	OAK
5115	9"	OAK
5116	9.5"	OAK
5117	9.5"	OAK
5118	10.5"	OAK
5119	10"	OAK
5120	26"	CEDAR
5121	11"	OAK
5122	11"	OAK
5123	19"	CEDAR
5124	12"	OAK
5125	20"	CEDAR
5126	18"	CEDAR
5127	18"	CEDAR
5128	16"	OAK
5129	18"	CEDAR
5130	19"	CEDAR
5131	24"	CEDAR
5132	19"	CEDAR
5133	24"	CEDAR
5134	14"	OAK
5135	24"	CEDAR
5136	18"	CEDAR
5137	20"	CEDAR
5138	25"	CEDAR
5139	10"	OAK
5140	9"	OAK
5141	18"	CEDAR
5142	32"	CEDAR
5143	13.5"	OAK
5144	19"	CEDAR
5145	18"	CEDAR
5146	26"	CEDAR
5147	9"	OAK
5148	21"	CEDAR
5149	21"	OAK
5150	19"	CEDAR
5151	24"	CEDAR
5152	25"	CEDAR
5153	18"	CEDAR
5154	20"	OAK
5155	14"	OAK
5156	11"	OAK
5157	18"	CEDAR
5158	23"	CEDAR
5159	20"	CEDAR
5160	31"	CEDAR
5161	8.5"	OAK
5162	8"	OAK
5163	27"	CEDAR
5164	12"	OAK
5165	9"	OAK
5166	9.5"	OAK
5167	12"	OAK
5168	24"	CEDAR
5169	22"	CEDAR
5170	9.5"	OAK
5171	15.5"	OAK
5172	18"	OAK
5173	8"	HACK
5174	9"	OAK
5175	10"	OAK
5176	12"	OAK
5177	15.5"	OAK
5178	16.5"	OAK
5179	11"	OAK
5180	16"	OAK
5181	19"	OAK
5182	10.5"	OAK
5183	10.5"	OAK
5184	18"	CEDAR
5185	9.5"	OAK
5186	20.5"	CEDAR
5187	11"	OAK
5188	11"	OAK
5189	9"	OAK
5190	9.5"	OAK
5191	8"	OAK
5192	12"	OAK
5193	10"	OAK
5194	11"	OAK
5195	13"	OAK
5196	12.5"	OAK
5197	9.5"	OAK
5198	11"	OAK
5199	23"	OAK
5200	9.5"	OAK

TREE TAG #	TREE SIZE	TREE TYPE
5201	26"	CEDAR
5202	22"	CEDAR
5203	19"	CEDAR
5204	23"	CEDAR
5205	37"	CEDAR
5206	22"	CEDAR
5207	8"	OAK
5208	8"	OAK
5209	13"	OAK
5210	10"	OAK
5211	8"	OAK
5212	15"	OAK
5213	25"	CEDAR
5214	11"	OAK
5215	10"	OAK
5216	10"	OAK
5217	14"	OAK
5218	10"	OAK
5219	12"	OAK
5220	11"	OAK
5221	11"	OAK
5222	12"	OAK
5223	8"	OAK
5224	8"	OAK
5225	9"	OAK
5226	11"	OAK
5227	9"	OAK
5228	8"	OAK
5229	8"	OAK
5230	8"	OAK
5231	11"	OAK
5232	26"	CEDAR
5233	15"	OAK
5234	12"	OAK
5235	9"	OAK
5236	8"	OAK
5237	8"	OAK
5238	18"	CEDAR
5239	18"	CEDAR
5240	28"	CEDAR
5241	21"	CEDAR
5242	11"	OAK
5243	25"	CEDAR
5244	25"	CEDAR
5245	28"	CEDAR
5246	19"	CEDAR
5247	22"	CEDAR
5248	21"	CEDAR
5249	25"	CEDAR
5250	19"	CEDAR
5252	22"	CEDAR
5253	24"	CEDAR
5254	20"	CEDAR
5255	18"	CEDAR
5256	20"	CEDAR
5257	8"	OAK
5258	30"	CEDAR
5259	18"	CEDAR
5260	18"	CEDAR
5261	40"	CEDAR
5262	18"	CEDAR
5263	23"	CEDAR
5264	18"	CEDAR
5265	22"	CEDAR
5266	18"	CEDAR
5267	26"	CEDAR
5268	33"	CEDAR
5269	22"	CEDAR
5270	19"	CEDAR
5271	18"	CEDAR
5272	22"	CEDAR
5273	20"	CEDAR
5274	18"	CEDAR
5275	25"	CEDAR
5276	12"	OAK
5277	30"	CEDAR
5279	22"	CEDAR
5280	28"	CEDAR
5281	25"	CEDAR
5282	21"	CEDAR
5283	18"	CEDAR
5284	26"	CEDAR
5285	35"	CEDAR
5286	18"	CEDAR
5287	18"	CEDAR
5288	28"	CEDAR
5289	20"	CEDAR
5290	30"	CEDAR
5291	18"	CEDAR
5292	22"	CEDAR
5293	10"	OAK
5294	9"	OAK
5295	18"	CEDAR
5296	24"	CEDAR
5297	18"	CEDAR
5298	8"	OAK
5299	18"	CEDAR
5300	18"	CEDAR

TREE TAG #	TREE SIZE	TREE TYPE
5301	10"	OAK
5302	8.5"	OAK
5303	8.5"	OAK
5304	8"	OAK
5305	10.5"	OAK
5306	10"	OAK
5307	11"	OAK
5308	8.5"	OAK
5309	9"	OAK
5310	18"	CEDAR
5311	9"	OAK
5312	8"	OAK
5313	8"	OAK
5314	10"	OAK
5315	10.5"	OAK
5316	16"	OAK
5317	14"	OAK
5318	21"	CEDAR
5319	8"	OAK
5320	10"	OAK
5321	10"	OAK
5322	8.5"	OAK
5323	9.5"	OAK
5324	8"	OAK
5325	8"	OAK
5326	19"	OAK
5327	21"	CEDAR
5328	17"	OAK
5329	10"	OAK
5330	23"	CEDAR
5331	18"	CEDAR
5332	18"	CEDAR
5333	22"	CEDAR
5334	10.5"	OAK
5335	8.5"	OAK
5336	12"	OAK
5337	22"	CEDAR
5338	42"	CEDAR
5339	13.5"	OAK
5340	10"	OAK
5341	9"	OAK
5342	10.5"	OAK
5343	10"	OAK
5344	9"	OAK
5345	8"	OAK
5346	20"	CEDAR
5347	20"	CEDAR
5348	46"	CEDAR
5349	23"	OAK
5350	9"	OAK
5351	8"	OAK
5352	24"	CEDAR
5353	18"	CEDAR
5354	20"	CEDAR
5355	12.5"	OAK
5356	12"	OAK
5357	13.5"	OAK
5358	15"	OAK
5359	20"	CEDAR
5360	20"	CEDAR
5361	21"	OAK
5362	9.5"	OAK
5363	29"	CEDAR
5364	28"	CEDAR
5365	9"	OAK
5366	8"	OAK
5367	42"	CEDAR
5368	22"	CEDAR
5369	19.5"	ELM
5370	9"	OAK
5371	12"	OAK
5372	20"	CEDAR
5373	22"	CEDAR
5374	9"	OAK
5375	18"	CEDAR
5376	28"	CEDAR
5377	20"	CEDAR
5378	24"	CEDAR
5379	24"	CEDAR
5380	12"	OAK
5381	8"	OAK
5382	17.5"	OAK
5383	13.5"	OAK
5384	18"	OAK
5385	18.5"	OAK
5386	17"	OAK
5387	18"	OAK
5388	30"	CEDAR
5389	9"	OAK
5390	8"	OAK
5391	11.5"	OAK
5392	22"	CEDAR
5393	8"	OAK
5394	25"	CEDAR
5395	26"	CEDAR
5396	25"	CEDAR
5397	28"	CEDAR
5398	12"	OAK
5399	9.5"	OAK
5400	9"	OAK

TREE TAG #	TREE SIZE	TREE TYPE
5401	18"	CEDAR
5402	9"	OAK
5403	9.5"	OAK
5404	21.5"	OAK
5405	22"	OAK
5406	14.5"	OAK
5407	14"	OAK
5408	16"	OAK
5409	10"	OAK
5410	11.5"	OAK
5411	9.5"	OAK
5412	9"	OAK
5413	26"	OAK
5414	10"	OAK
5415	19"	CEDAR
5416	9"	OAK
5417	9"	OAK
5418	10"	OAK
5419	9"	OAK
5420	12"	OAK
5421	9"	OAK
5422	14"	OAK
5423	9.5"	OAK
5424	13"	OAK
5425	8.5"	OAK
5426	10"	OAK
5427	13"	OAK
5428	8"	OAK
5429	8"	OAK
5430	9"	OAK
5431	8"	OAK
5432	19"	OAK
5433	8.5"	OAK
5434	8"	OAK
5435	8"	OAK
5436	9"	OAK
5437	14"	OAK
5438	9"	OAK
5439	11"	OAK
5440	8.5"	OAK
5441	8"	OAK
5442	13"	OAK
5443	10"	OAK
5444	11"	OAK
5445	9.5"	OAK
5446	9"	OAK
5447	12"	OAK
5448	8.5"	OAK
5449	9"	OAK
5450	8.5"	OAK
5451	12"	OAK
5452	9"	OAK
5453	8"	OAK
5454	9"	OAK
5455	8.5"	OAK
5456	8"	OAK
5457	28"	CEDAR
5458	24"	CEDAR
5459	15.5"	OAK
5460	18"	CEDAR
5461	8"	OAK
5462	8"	OAK
5463	9"	OAK
5464	8"	OAK
5466	8"	OAK
5467	10"	OAK
5468	9"	OAK
5469	10"	OAK
5470	8"	OAK
5471	8"	OAK
5472	9.5"	OAK
5473	9"	OAK
5474	10"	OAK
5475	8"	OAK
5476	13"	OAK
5477	18"	CEDAR
5478	19"	CEDAR
5479	8.5"	OAK
5480	10"	OAK
5481	9"	OAK
5482	8.5"	OAK
5483	9"	OAK
5484	22"	OAK
5485	10.5"	OAK
5486	9.5"	OAK
5487	8"	OAK
5488	9"	OAK
5489	11"	OAK
5490	17"	OAK
5491	8.5"	OAK
5492	11"	OAK
5493	24"	CEDAR
5494	8"	OAK
5495	9"	OAK
5496	8.5"	OAK
5497	20"	CEDAR
5498	8"	OAK
5499	31"	CEDAR
5500	9"	OAK

TREE TAG #	TREE SIZE	TREE TYPE
5501	19"	CEDAR
5502	25"	CEDAR
5503	18"	CEDAR
5504	10"	OAK
5505	21"	CEDAR
5506	26"	CEDAR
5507	18"	CEDAR
5508	9"	OAK
5509	18"	OAK
5510	10"	OAK
5511	10"	OAK
5512	8"	OAK
5513	8"	OAK
5514	28"	CEDAR
5515	8"	OAK
5516	33"	CEDAR
5517	12"	OAK
5518	24"	CEDAR
5519	9"	OAK
5520	14"	OAK
5521	18"	CEDAR
5522	24"	CEDAR
5523	26"	CEDAR
5524	35"	CEDAR
5525	22"	CEDAR
5526	35"	CEDAR
5527	19"	CEDAR
5528	18"	CEDAR
5529	22"	CEDAR
5530	13"	OAK
5531	12"	OAK
5532	13"	OAK
5533	14"	OAK
5534	11"	OAK
5535	9"	OAK
5536	11"	OAK
5537	9"	OAK
5538	10"	OAK
5539	9"	OAK
5540	8"	OAK
5541	8"	OAK
5542	11"	OAK
5543	18"	CEDAR
5544	18"	CEDAR
5545	22"	CEDAR
5546	18"	CEDAR
5547	22"	CEDAR
5548	24"	CEDAR
5549	20"	CEDAR
5550	18"	CEDAR
5551	32"	CEDAR
5552	18"	CEDAR
5553	25"	CEDAR
5554	18"	CEDAR
5555	22"	CEDAR
5556	22"	CEDAR
5557	18"	CEDAR
5558	20"	CEDAR
5559	23"	CEDAR
5560	22"	OAK
5561	22"	OAK
5562	21"	OAK
5563	25"	OAK
5564	13"	OAK
5565	8"	OAK
5566	23"	OAK
5567	15"	OAK
5568	16"	OAK
5569	12"	OAK
5570	11"	OAK
5571	22"	OAK
5572	17"	OAK
5573	10"	OAK
5574	35"	CEDAR
5575	13"	OAK
5576	12"	OAK
5577	12"	OAK
5578	16"	OAK
5579	8"	OAK
5580	14"	OAK
5581	12"	OAK
5582	16"	OAK
5583	11"	OAK
5584	10"	OAK
5585	12"	OAK
5586	13"	OAK
5587	11"	OAK
5588	10"	OAK
5589	16"	OAK
5590	11"	OAK
5591	10"	OAK
5592	9"	OAK
5593	11"	OAK
5594	10"	OAK
5595	9"	OAK
5596	9"	OAK
5597	29"	OAK
5598	12"	OAK
5599	10"	OAK
5600	21"	OAK

TREE TAG #	TREE SIZE	TREE TYPE
5601	20"	OAK
5602	9"	OAK
5603	15"	OAK
5604	56"	CEDAR
5606	8"	OAK
5607	17"	HACKBERRY
5608	11"	OAK
5609	23"	HACKBERRY
5610	13.5"	OAK
5611	12"	OAK
5612	10"	OAK
5613	12"	OAK
5614	9"	OAK
5615	23"	CEDAR
5616	21"	OAK
5617	15.5"	OAK
5618	27"	OAK
5619	20"	CEDAR
5620	15"	OAK
5621	11"	OAK
5622	20"	OAK
5623	8.5"	OAK
5624	9"	OAK
5625	14.5"	OAK
5626	18"	OAK
5627	15"	OAK
5628	15.5"	OAK
5629	12"	OAK
5630	11.5"	OAK
5631	9"	OAK
5632	8"	OAK
5633	11.5"	OAK
5634	9.5"	OAK
5635	10"	OAK
5636	9"	OAK
5637	11.5"	OAK
5638	17"	OAK
5639	21"	OAK
5640	17"	OAK
5641	18"	OAK
5642	8"	OAK
5643	23"	OAK
5644	20"	OAK
5645	10.5"	OAK
5646	11"	OAK
5647	10"	OAK
5648	16"	OAK
5649	10"	OAK
5650	11"	OAK
5651	10.5"	OAK
5652	8.5"	OAK
5653	24"	OAK
5654	17"	OAK
5655	12.5"	OAK
5656	22.5"	OAK
5657	20"	OAK
5658	13.5"	OAK
5659	19"	OAK
5660	13"	OAK
5661	9"	OAK
5662	13"	OAK
5663	21"	OAK
5664	19"	OAK
5665	14"	OAK
5666	10"	OAK
5667	14"	OAK
5668	11"	OAK
5669	13"	OAK
5670	20"	OAK
5671	29"	OAK
5672	21"	OAK
5673	19"	OAK
5674	9"	OAK
5675	12"	OAK
5676	10"	OAK
5677	9"	OAK
5678	8.5"	OAK
5679	9"	OAK
5680	10"	OAK
5681	11"	OAK
5682	11"	OAK
5683	21"	OAK
5684	15"	OAK
5685	21"	OAK
5686	23.5"	OAK
5687	16"	OAK
5688	23"	OAK
5689	10"	OAK
5690	16"	OAK
5691	16.5"	OAK
5692	17"	OAK
5693	16"	OAK
5694	18"	OAK
5695	16.5"	OAK
5696	14.5"	OAK
5697	22"	OAK
5698	12"	OAK
5699	14"	OAK
5700	14"	OAK

LEGEND

H.C.C.D.	= HAYES COUNTY CLERK'S DOCUMENT
O.P.R.H.C.T.	= OFFICIAL PUBLIC RECORDS HAYES COUNTY, TEXAS
△	= SURVEY CONTROL POINT
	= FIRE HYDRANT
⋈	= WATER VALVE
W	= WATER METER
✖	= WATER IRRIGATION CONTROL VALVE
ARV	= AIR RELEASE VALVE
—O—	= UTILITY POLE
←	= GUY WIRE
J	= ELECTRIC JUNCTION BOX
☼	= LIGHT POLE
— E —	= OVERHEAD ELECTRIC LINE
— X —	= FENCE
	= TRAFFIC SIGN
	= ASPHALT EDGE
	= MAILBOX
	= GRAVEL
	= CONCRETE
	= RIP RAP
	= TREE

SURVEYOR'S NOTES

SURVEY DATE: OCTOBER 11, 2024

THE SURVEYOR DID NOT ABSTRACT THE SUBJECT TRACT. THEREFORE THE SURVEYOR CERTIFIES THAT EASEMENTS THAT HE HAS BEEN ADVISED OF HAVE BEEN ADDRESSED HEREON. HOWEVER, THE SURVEYOR DOES NOT GUARANTEE THAT ALL EASEMENTS, RESTRICTIONS OR ENCUMBRANCES (EITHER OF RECORD OR NOT OF RECORD) WHICH MAY AFFECT THE SUBJECT TRACT ARE SHOWN HEREON.

FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) NOTE: BY GRAPHIC PLOTTING ONLY THIS PROPERTY IS IN FEMA **"OTHER AREAS" ZONE X** AS SHOWN ON THE FLOOD INSURANCE RATE MAP, COMMUNITY PANEL 48209C0120F AND 48209C0140F, HAVING AN EFFECTIVE DATE OF SEPTEMBER 2, 2005. THIS FLOOD STATEMENT DOES NOT IMPLY THAT THIS TRACT WILL, OR WILL NOT FLOOD, NOR DOES IT CREATE ANY LIABILITY IN SUCH EVENT ON THE PART OF THIS SURVEYOR OR COMPANY.

EXPLANATION OF FEMA ZONES:
FEMA **"OTHER AREAS" ZONE X** = AREA OF MINIMAL FLOOD HAZARD

TREES SHOWN HEREON WITHOUT TREE TAG NUMBERS ARE 8-17" CEDAR TREES.

THE COORDINATES AND ELEVATIONS ARE BASED UPON STATE PLANE COORDINATE SYSTEM, NAD 83, TEXAS SOUTH CENTRAL ZONE, NAVD 88 (USA GEOID 12B) ACQUIRED FROM GLOBAL POSITIONING SYSTEM OBSERVATIONS. THE COORDINATES SHOWN HEREON ARE SURFACE COORDINATES WITH A COMBINED ADJUSTED SCALE FACTOR (CAF) OF 1.00013. (SURF / CAF = GRID)

3-00895 CONTROL LIST

POINT	NORTHING	EASTING	EASTING	DESCRIPTION
1	13968548.32	2283176.63	1137.13	1/2" IRON ROD WITH CAP STAMPED "WALKER CONTROL"
2	13968568.26	2283154.69	1137.28	MAG NAIL WITH WASHER STAMPED "WALKER PARTNERS"
3	13970179.55	2282119.98	1122.06	CUT "X" IN CONCRETE
4	13970216.21	2285016.77	1146.70	COTTON SPINDLE WITH WASHER STAMPED "WALKER PARTNERS"
5	13969223.69	2283146.54	1135.27	CUT "X" IN CONCRETE
6	13970119.93	2283353.87	1148.71	1/2" IRON ROD WITH CAP STAMPED "WALKER CONTROL"
7	13967487.67	2283103.86	1114.86	1/2" IRON ROD WITH CAP STAMPED "WALKER CONTROL"

KEY MAP

SHEET 2 | SHEET 3 | SHEET 4
SHEET 5 | SHEET 6
SHEET 7 | SHEET 8

0 20 40 80
GRAPHIC SCALE (FEET)

1.	ADDITIONAL TREES	1/8/2025

Walker Partners
engineers ★ surveyors
823 Washington Ave. ● Waco, Texas 76701
Phone: 1-254-714-1402 ● T.B.P.E. Registration No. 8053
T.B.P.L.S. Registration No. 10032500

DRIPPING SPRINGS, HAYES COUNTY, TEXAS

TOPOGRAPHIC SURVEY
OF DRIPPING SPRINGS HIGH SCHOOL NO. 2

I HEREBY STATE THAT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF THAT THIS PLAT AND THE SURVEY UPON WHICH IT IS BASED MEETS THE REQUIREMENTS FOR LAND SURVEYS IN THE STATE OF TEXAS. SURVEYED IN THE MONTH OF OCTOBER 2024.

NOVEMBER 5, 2024
RELEASE DATE

Korey Lee Smith
KOREY LEE SMITH R.P.L.S. 6645
ksmith@walkerpartners.com

STATE OF TEXAS REGISTERED KOREY LEE SMITH 6645 PROFESSIONAL LAND SURVEYOR

PLAT NUMBER	E1-0074
PROJECT NUMBER	3-00895.00
DRAWN BY/CHECKED BY	WRW/KLS
FIELD NOTE NO.	N/A
DRAWING NAME	3-00895TOPO.DWG
DRAFT DATE	10/29/2024
SHEET NUMBER	9 OF 10

G:\PROJECTS\3-00895\1 SURVEY\1.0 CAD\3-00895TOPO.DWG, 9, 1/8/2025 11:29:46 AM, WWebb, 1:1

C1.8

3-00895.00 TREE TAG LIST

TREE TAG #	TREE SIZE	TREE TYPE
319	5"	OAK
320	3"	OAK
321	4"	OAK
322	12"	OAK
323	22"	CEDAR
324	4"	OAK
325	4"	OAK
326	15"	OAK
327	5"	OAK
328	22"	CEDAR
329	4"	OAK
330	5"	OAK
331	17"	CEDAR
332	6"	OAK
333	4"	OAK
334	10"	OAK
335	13"	OAK
336	8"	OAK
337	10"	OAK
338	18"	CEDAR
339	4"	OAK
340	3"	OAK
341	3"	OAK
342	13"	OAK
343	14"	OAK
344	11"	OAK
345	11"	OAK
346	9"	OAK
347	3"	OAK
348	3"	OAK
349	2"	OAK
350	4"	OAK
351	24"	CEDAR
352	5"	OAK
353	6"	OAK
354	24"	CEDAR
355	7"	OAK
356	6"	OAK
357	18"	CEDAR
358	6"	OAK
359	8"	OAK
360	6"	OAK
361	7"	OAK
362	6"	OAK
363	8"	OAK
364	7"	OAK
365	12"	OAK
366	7"	OAK
367	7"	OAK
368	6"	OAK
369	6"	OAK
370	9"	OAK
371	9"	OAK
372	8"	OAK
373	6"	OAK
374	18"	CEDAR
375	22"	CEDAR
376	21"	CEDAR
377	20"	CEDAR
378	24"	CEDAR
379	7"	OAK
380	6"	OAK
381	28"	CEDAR
382	29"	CEDAR
383	6"	OAK
384	8"	OAK
385	6"	OAK
386	6"	OAK
387	6"	OAK
388	8"	OAK
389	32"	CEDAR
390	27"	CEDAR
391	30"	CEDAR
392	6"	OAK
393	18"	CEDAR
394	12"	OAK
395	24"	CEDAR
396	8"	OAK
397	6"	OAK
398	6"	OAK
399	10"	OAK
400	8"	OAK
1001	10"	OAK
1002	10"	OAK
1003	7"	OAK
1004	8"	OAK
1005	7"	OAK
1006	7"	OAK
1007	8"	OAK
1008	8"	OAK
1009	6"	OAK
1010	9"	OAK
1011	6"	OAK
1012	30"	CEDAR
1013	30"	CEDAR
1014	6"	OAK
1015	6"	OAK
1016	6"	OAK
1017	6"	OAK
1018	6"	OAK
1019	6"	OAK

TREE TAG #	TREE SIZE	TREE TYPE
1020	11"	OAK
1021	10"	OAK
1022	7"	OAK
1023	7"	OAK
1024	7"	OAK
1025	7"	OAK
1026	6"	OAK
1027	6"	OAK
1028	6"	OAK
1029	9"	OAK
1030	6"	OAK
1031	6"	ELM
1032	24"	CEDAR
1033	12"	OAK
1034	12"	OAK
1035	7"	OAK
1036	10"	OAK
1037	6"	OAK
1038	12"	OAK
1039	17"	OAK
1040	11"	OAK
1041	11"	OAK
1042	6"	OAK
1043	8"	OAK
1044	9"	OAK
1045	6"	OAK
1046	22"	CEDAR
1047	20"	CEDAR
1048	6"	OAK
1049	6"	OAK
1050	8"	OAK
1051	7"	OAK
1052	6"	OAK
1053	6"	OAK
1054	6"	OAK
1055	7"	OAK
1056	6"	OAK
1057	7"	OAK
1058	6"	OAK
1059	6"	OAK
1060	7"	OAK
1061	6"	OAK
1062	6"	OAK
1063	10"	OAK
1064	16"	OAK
1065	18"	OAK
1066	13"	OAK
1067	16"	OAK
1068	24"	OAK
1069	16"	OAK
1070	8"	OAK
1071	8"	OAK
1072	7"	OAK
1073	6"	OAK
1074	18"	CEDAR
1075	24"	CEDAR
1076	6"	OAK
1077	8"	OAK
1078	6"	OAK
1079	6"	OAK
1080	6"	OAK
1081	18"	CEDAR
1082	6"	OAK
1083	6"	OAK
1084	6"	OAK
1085	6"	OAK
1086	6"	OAK
1087	6"	OAK
1088	6"	OAK
1089	8"	OAK
1090	18"	CEDAR
1091	19"	OAK
1092	19"	OAK
1093	7"	OAK
1094	8"	OAK
1095	6"	OAK
1096	12"	ELM
1097	12"	OAK
1098	20"	OAK
1099	7"	OAK
1100	19"	CEDAR
1101	9"	OAK
1102	6"	OAK
1103	7"	OAK
1104	6"	OAK
1105	6"	OAK
1106	6"	OAK
1107	21"	CEDAR
1108	10"	OAK
1109	8"	OAK
1110	8"	OAK
1111	6"	OAK
1112	7"	OAK
1113	6"	OAK
1114	9"	OAK
1115	8"	OAK
1116	8"	OAK
1117	22"	CEDAR
1118	18"	CEDAR
1119	6"	OAK
1120	9"	OAK

TREE TAG #	TREE SIZE	TREE TYPE
1121	7"	OAK
1122	8"	OAK
1123	10"	OAK
1124	6"	OAK
1125	8"	OAK
1126	6"	OAK
1127	6"	OAK
1128	7"	OAK
1129	7"	OAK
1130	10"	OAK
1131	12"	OAK
1132	6"	OAK
1133	7"	OAK
1134	8"	OAK
1135	6"	OAK
1136	9"	OAK
1137	7"	OAK
1138	8"	OAK
1139	7"	OAK
1140	22"	CEDAR
1141	7"	OAK
1142	10"	OAK
1143	7"	OAK
1144	7"	OAK
1145	6"	OAK
1146	6"	OAK
1147	6"	OAK
1148	7"	OAK
1149	10"	OAK
1150	20"	OAK
1151	9"	OAK
1152	13"	OAK
1153	18"	OAK
1154	10"	OAK
1155	18"	CEDAR
1156	7"	OAK
1157	6"	OAK
1158	6"	OAK
1159	7"	OAK
1160	8"	OAK
1161	7"	OAK
1162	7"	OAK
1163	9"	ELM
1164	6"	OAK
1165	6"	OAK
1166	7"	OAK
1167	6"	OAK
1168	6"	OAK
1169	19"	CEDAR
1170	18"	CEDAR
1171	7"	OAK
1172	6"	OAK
1173	19"	CEDAR
1174	6"	OAK
1175	6"	OAK
1176	19"	CEDAR
1177	21"	CEDAR
1178	7"	OAK
1179	19"	CEDAR
1180	18"	CEDAR
1181	7"	OAK
1182	7"	OAK
1183	18"	CEDAR
1184	8"	OAK
1185	7"	OAK
1186	9"	OAK
1187	9"	OAK
1188	9"	OAK
1189	7"	OAK
1190	8"	OAK
1191	8"	OAK
1192	9"	OAK
1193	10"	OAK
1194	21"	CEDAR
1195	7"	OAK
1196	8"	OAK
1197	7"	OAK
1198	6"	OAK
1199	7"	OAK
1200	6"	OAK
1206	8"	OAK
1207	6"	OAK
1208	6"	OAK
1209	6"	OAK
1210	6"	OAK
1211	6"	OAK
1212	6"	ELM
1213	7"	OAK
1214	7"	OAK
1215	36"	OAK
1216	18.5"	OAK
1217	7"	OAK
1218	9"	OAK
1219	9"	OAK
1220	6"	OAK
1221	6"	OAK
1222	9"	OAK
1223	8"	OAK
1224	8"	OAK
1225	12"	OAK
1226	8"	OAK

TREE TAG #	TREE SIZE	TREE TYPE
1227	8"	OAK
1228	8"	OAK
1229	16"	OAK
1230	19"	OAK
1231	8"	OAK
1232	8"	OAK
1233	6"	OAK
1234	10"	OAK
1235	6"	OAK
1236	6"	OAK
1237	8"	OAK
1238	6"	OAK
1239	6"	OAK
1240	13"	OAK
1241	15"	OAK
1242	6"	OAK
1243	7"	OAK
1244	8"	OAK
1245	6"	OAK
1246	6"	OAK
1247	9"	OAK
1248	9"	OAK
1249	6"	OAK
1250	6"	OAK
1251	21"	ELM
1252	6"	OAK
1253	7"	OAK
1254	7"	OAK
1255	19"	CEDAR
1256	7"	OAK
1257	7"	OAK
1258	7"	OAK
1259	7"	OAK
1260	7"	OAK
1261	24"	CEDAR
1262	23"	OAK
1263	7"	OAK
1264	7"	OAK
1265	6"	OAK
1266	7"	OAK
1267	7"	OAK
1268	6"	OAK
1269	6"	OAK
1270	6"	OAK
1271	6"	OAK
1272	6"	OAK
1273	27"	OAK
1274	7"	OAK
1275	6"	OAK
1276	8"	OAK
1277	8"	OAK
1278	6"	OAK
1279	6"	OAK
1280	6"	OAK
1281	9"	OAK
1282	20"	CEDAR
1301	18"	CEDAR
1302	18"	CEDAR
1303	6"	OAK
1304	6"	OAK
1305	8"	OAK
1306	18"	CEDAR
1307	13"	OAK
1308	10"	OAK
1309	10"	OAK
1310	10"	OAK
1311	6"	OAK
1312	6"	OAK
1313	7"	OAK
1314	7"	OAK
1315	6"	OAK
1316	6"	OAK
1317	6"	OAK
1318	9"	OAK
1319	10"	OAK
1320	16"	OAK
1321	8"	OAK
1322	6"	OAK
1323	6"	OAK
1324	6"	OAK
1325	6"	OAK
1326	6"	OAK
1327	6"	OAK
1328	18"	CEDAR
1329	6"	OAK
1330	6"	OAK
1331	6"	OAK
1332	12"	OAK
1333	6"	OAK
1334	6"	OAK
1335	6"	OAK
1336	6"	OAK
1337	9"	OAK
1338	7"	OAK
1339	6"	OAK
1340	6"	OAK
1341	6"	OAK
1342	28"	OAK
1343	30"	CEDAR
1401	7"	OAK
1402	18"	CEDAR

TREE TAG #	TREE SIZE	TREE TYPE
1403	6"	OAK
1404	6"	OAK
1405	6"	OAK
1406	6"	OAK
1407	6"	OAK
1408	18"	CEDAR
1409	6"	OAK
1410	9"	OAK
1411	6"	OAK
1412	7"	OAK
1649	9"	OAK
1650	9.5"	OAK
1651	14"	OAK
1652	8.5"	OAK
1653	12.5"	OAK
1654	6"	OAK
1655	8.5"	OAK
1656	11"	OAK
1657	18"	CEDAR
1658	19"	CEDAR
1659	5"	OAK
1660	4"	OAK
1661	4"	OAK
1662	3"	OAK
1663	4"	OAK
1664	4"	OAK
1665	27"	CEDAR
1666	4"	OAK
1667	4.5"	OAK
1668	4.5"	OAK
1669	19"	CEDAR
1670	7"	OAK
1671	6"	OAK
1672	8"	OAK
1673	6"	OAK
1674	6"	OAK
1675	18"	CEDAR
1676	11"	OAK
1677	7"	OAK
1678	7"	OAK
1679	7"	OAK
1680	7"	OAK
1681	6"	OAK
1682	7"	OAK
1683	7"	OAK
1684	8"	OAK
1685	8"	OAK
1686	9"	OAK
1687	7"	OAK
1688	7"	OAK
1689	14"	OAK
1690	7"	OAK
1691	10"	OAK
1692	10"	OAK
1693	6"	OAK
1694	7"	OAK
1695	7"	OAK
1696	6"	OAK
1697	7"	OAK
1698	11"	OAK
1699	8"	OAK
1700	8"	OAK
2156	9"	OAK
2157	7"	OAK
2158	7"	OAK
2159	6"	OAK
2160	6"	OAK
2161	6"	OAK
2162	9"	OAK
2163	7"	OAK
2164	6"	OAK
2165	6"	OAK
2166	21"	CEDAR
2167	19"	CEDAR
2168	6"	OAK
2169	6"	OAK
2170	6"	OAK
2171	7"	OAK
2172	7"	OAK
2173	6"	OAK
2174	6"	OAK
2175	6"	OAK
2176	6"	OAK
2177	7"	OAK
2178	20"	OAK
2179	7"	OAK
2180	8"	OAK
2181	8"	OAK
2182	10"	OAK
2183	9"	OAK
2184	7"	OAK
2185	6"	OAK
2186	8"	OAK
2187	6"	OAK
2188	8"	OAK
2189	6"	OAK
2190	6"	OAK
2191	6"	OAK
2192	10"	OAK
2193	27"	OAK
2194	6"	OAK

TREE TAG #	TREE SIZE	TREE TYPE
2195	11"	OAK
2196	6"	OAK
2197	6"	OAK
2198	6"	OAK
2199	8"	OAK
2200	10"	OAK
2201	8"	OAK
2202	11"	OAK
2203	11"	OAK
2204	8"	OAK
2205	13"	OAK
3530	10"	OAK
3531	8"	OAK
3532	8"	OAK
3533	5"	OAK
3534	10"	OAK
3535	8"	OAK
3536	23"	CEDAR
3537	18"	CEDAR
3538	18"	CEDAR
3539	19"	CEDAR
3540	24"	CEDAR
3541	25"	CEDAR
3542	10"	OAK
3543	10"	OAK
3544	10"	OAK
3545	22"	CEDAR
3546	18"	CEDAR
3547	7"	OAK
3548	5"	OAK
3549	4"	OAK
3550	5"	OAK
3551	4"	OAK
3552	3"	OAK
3553	4"	OAK
3554	3"	OAK
3555	3"	OAK
3557	6"	OAK
3558	19"	CEDAR
3559	6"	OAK
3560	6"	OAK
3561	6"	OAK
3562	8"	OAK
3563	9"	OAK
3564	7"	OAK
3565	6"	OAK
3566	6"	OAK
3567	6"	OAK
3568	20"	CEDAR
3569	18"	CEDAR
3570	7"	OAK
3571	22"	CEDAR
3572	20"	CEDAR
3573	30"	CEDAR
3574	35"	CEDAR
3575	22"	CEDAR
3576	24"	CEDAR
3577	19"	CEDAR
3578	12"	OAK
3579	6"	OAK
3580	6"	OAK
3581	6"	OAK
3582	6"	OAK
3583	6"	OAK
3584	6"	OAK
3585	19"	CEDAR
3586	6"	OAK
3587	7"	OAK
3588	10"	ELM
3589	6"	OAK
3590	8"	OAK
3591	7"	OAK
3592	7"	OAK
3593	6"	OAK
3594	7"	OAK
3595	13"	OAK
3596	22"	CEDAR
3597	6"	OAK
3598	7"	OAK
3599	9"	OAK
3600	12"	OAK
5701	7"	OAK
5702	6"	OAK
5703	6"	OAK
5704	7"	OAK
5705	6"	OAK
5706	11"	OAK
5707	11"	OAK
5708	6"	OAK
5709	7"	OAK
5710	6"	OAK
5711	7"	OAK
5712	6"	OAK
5713	6"	OAK
5714	22"	OAK
5715	20"	OAK
5716	7"	OAK
5717	6"	OAK
5718	8"	OAK
5719	6"	OAK
5720	10"	OAK

TREE TAG #	TREE SIZE	TREE TYPE
5721	8"	OAK
5722	6"	OAK
5723	6"	OAK
5724	6"	OAK
5725	8"	OAK
5726	6"	OAK
5727	6"	OAK
5728	6"	OAK
5729	18"	CEDAR
5730	25"	CEDAR
5731	10"	OAK
5732	10"	OAK
5733	6"	OAK
5734	6"	OAK
5735	8"	OAK
5736	6"	OAK
5737	7"	OAK
5738	6"	OAK
5739	6"	OAK
5740	12"	OAK
5741	6"	OAK
5801	6"	OAK
5802	6"	OAK
5803	6"	OAK
5804	6"	OAK
5805	13"	OAK
5806	6"	OAK
5807	7"	OAK
5808	"	OAK7
5809	7"	OAK
5810	7"	OAK
5811	12"	OAK
5812	7"	OAK
5813	24"	CEDAR
5814	7"	OAK
5815	10"	OAK
5816	7"	OAK
5817	12"	OAK
5818	6"	OAK
5819	19"	CEDAR
5820	6"	OAK
5821	6"	OAK
5822	6"	OAK
5823	7"	OAK
5824	8"	OAK
5825	13"	OAK
5826	6"	OAK
5827	6"	OAK
5901	8"	OAK
5902	9"	OAK
5903	6"	OAK
5904	7"	OAK
5905	8"	OAK
5906	6"	OAK
5907	6"	OAK
5908	9"	OAK
5909	17"	OAK
5910	30"	OAK
5911	9"	OAK
5912	10"	OAK
5913	8"	OAK
5914	8"	OAK
5915	9"	OAK
5916	10"	OAK
5917	7"	OAK
5918	8"	OAK
5919	12"	OAK
5920	6"	OAK
5921	7"	OAK
5922	6"	OAK
5923	6"	OAK
5924	8"	OAK
5925	8"	OAK
5926	13"	OAK
5927	11"	OAK
5928	6"	OAK
5929	7"	OAK
5930	6"	OAK
5931	6"	OAK
5932	10"	OAK
5933	7"	OAK
5934	6"	OAK
5935	6"	OAK

LEGEND

H.C.C.D. = HAYES COUNTY CLERK'S DOCUMENT
O.P.R.H.C.T. = OFFICIAL PUBLIC RECORDS HAYES COUNTY, TEXAS
= SURVEY CONTROL POINT
= FIRE HYDRANT
= WATER VALVE
= WATER METER
= WATER IRRIGATION CONTROL VALVE
= AIR RELEASE VALVE
= UTILITY POLE
= GUY WIRE
= ELECTRIC JUNCTION BOX
= LIGHT POLE
= OVERHEAD ELECTRIC LINE
= FENCE
= TRAFFIC SIGN
= ASPHALT EDGE
= MAILBOX
= GRAVEL
= CONCRETE
= RIP RAP
= TREE

SURVEYOR'S NOTES

SURVEY DATE: OCTOBER 11, 2024

THE SURVEYOR DID NOT ABSTRACT THE SUBJECT TRACT. THEREFORE THE SURVEYOR CERTIFIES THAT EASEMENTS THAT HE HAS BEEN ADVISED OF HAVE BEEN ADDRESSED HEREON. HOWEVER, THE SURVEYOR DOES NOT GUARANTEE THAT ALL EASEMENTS, RESTRICTIONS OR ENCUMBRANCES (EITHER OF RECORD OR NOT OF RECORD) WHICH MAY AFFECT THE SUBJECT TRACT ARE SHOWN HEREON.

FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) NOTE: BY GRAPHIC PLOTTING ONLY THIS PROPERTY IS IN FEMA **"OTHER AREAS" ZONE X** AS SHOWN ON THE FLOOD INSURANCE RATE MAP, COMMUNITY PANEL 48209C0120F AND 48209C0140F, HAVING AN EFFECTIVE DATE OF SEPTEMBER 2, 2005. THIS FLOOD STATEMENT DOES NOT IMPLY THAT THIS TRACT WILL, OR WILL NOT FLOOD, NOR DOES IT CREATE ANY LIABILITY IN SUCH EVENT ON THE PART OF THIS SURVEYOR OR COMPANY.

EXPLANATION OF FEMA ZONES:
FEMA **"OTHER AREAS" ZONE X** = AREA OF MINIMAL FLOOD HAZARD

TREES SHOWN HEREON WITHOUT TREE TAG NUMBERS ARE 8-17" CEDAR TREES.

THE COORDINATES AND ELEVATIONS ARE BASED UPON STATE PLANE COORDINATE SYSTEM, NAD 83, TEXAS SOUTH CENTRAL ZONE, NAVD 88 (USA GEOID 12B) ACQUIRED FROM GLOBAL POSITIONING SYSTEM OBSERVATIONS. THE COORDINATES SHOWN HEREON ARE SURFACE COORDINATES WITH A COMBINED ADJUSTED SCALE FACTOR (CAF) OF 1.00013. (SURF / CAF = GRID)

3-00895 CONTROL LIST

POINT	NORTHING	EASTING	EASTING	DESCRIPTION
1	13968548.32	2283176.63	1137.13	1/2" IRON ROD WITH CAP STAMPED "WALKER CONTROL"
2	13968568.26	2283154.69	1137.28	MAG NAIL WITH WASHER STAMPED "WALKER PARTNERS"
3	13970179.55	2282119.98	1122.06	CUT "X" IN CONCRETE
4	13970216.21	2285016.77	1146.70	COTTON SPINDLE WITH WASHER STAMPED "WALKER PARTNERS"
5	13969223.69	2283146.54	1135.27	CUT "X" IN CONCRETE
6	13970119.93	2283353.87	1148.71	1/2" IRON ROD WITH CAP STAMPED "WALKER CONTROL"
7	13967487.67	2283103.86	1114.86	1/2" IRON ROD WITH CAP STAMPED "WALKER CONTROL"

KEY MAP

SHEET 2 | SHEET 3 | SHEET 4
SHEET 5 | SHEET 6
SHEET 7 | SHEET 8

0 20 40 80
GRAPHIC SCALE (FEET)

1.	ADDITIONAL TREES	1/8/2025

Walker Partners
engineers ★ surveyors
823 Washington Ave. ● Waco, Texas 76701
Phone: 1-254-714-1402 ● T.B.P.E. Registration No. 8053
T.B.P.L.S. Registration No. 10032500

DRIPPING SPRINGS, HAYES COUNTY, TEXAS

TOPOGRAPHIC SURVEY
OF DRIPPING SPRINGS HIGH SCHOOL NO. 2

I HEREBY STATE THAT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF THAT THIS PLAT AND THE SURVEY UPON WHICH IT IS BASED MEETS THE REQUIREMENTS FOR LAND SURVEYS IN THE STATE OF TEXAS. SURVEYED IN THE MONTH OF OCTOBER 2024.

NOVEMBER 5, 2024
RELEASE DATE

Korey Lee Smith
KOREY LEE SMITH R.P.L.S. 6645
ksmith@walkerpartners.com

STATE OF TEXAS REGISTERED KOREY LEE SMITH 6645 PROFESSIONAL LAND SURVEYOR

PLAT NUMBER	E1-0074
PROJECT NUMBER	3-00895.00
DRAWN BY/CHECKED BY	WRW/KLS
FIELD NOTE NO.	N/A
DRAWING NAME	3-00895TOPO.DWG
DRAFT DATE	10/29/2024
SHEET NUMBER	10 OF 10

G:\PROJECTS\3-00895\1 SURVEY\1.0 CAD\3-00895TOPO.DWG, 10, 1/8/2025 11:30:20 AM, WWebb, 1:1

N
W E
S

GRAPHIC SCALE
100 0 50 100 200
(IN FEET)
SCALE =1:100

LEGEND	
▪ ▪ ▪ ▪ ▪	DRAINAGE BOUNDARY LINE
—— TC ——	TIME OF CONCENTRATION LINE
➡	DRAINAGE FLOW ARROW
(#)	DRAINAGE LABEL

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

!!! 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.

"RELEASE OF THIS APPLICATION DOES NOT CONSTITUTE A VERIFICATION OF ALL DATA, INFORMATION AND CALCULATIONS SUPPLIED BY THE APPLICANT. THE ENGINEER OF RECORD IS SOLELY RESPONSIBLE FOR THE COMPLETENESS, ACCURACY AND ADEQUACY OF HIS/HER SUBMITTAL, WHETHER OR NOT THE APPLICATION IS REVIEWED FOR CODE COMPLIANCE BY CITY ENGINEERS"

Texas 811 Know what's below. Call before you dig.

Walker Partners
engineers | surveyors
T.B.P.E. Registration No. 8053

VLK

ARCHITECT

VLK
2700 Via Fortuna, Suite 230
Austin, Texas 78746
Main Phone: 512.807.3145
www.vlkarchitects.com

DRIPPING SPRINGS ISD
DRIPPING SPRINGS, TEXAS

Bid Package 2
Issue For Permitting,
Bidding and Construction

STATE OF TEXAS
DAVID P SMITH
56239
REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

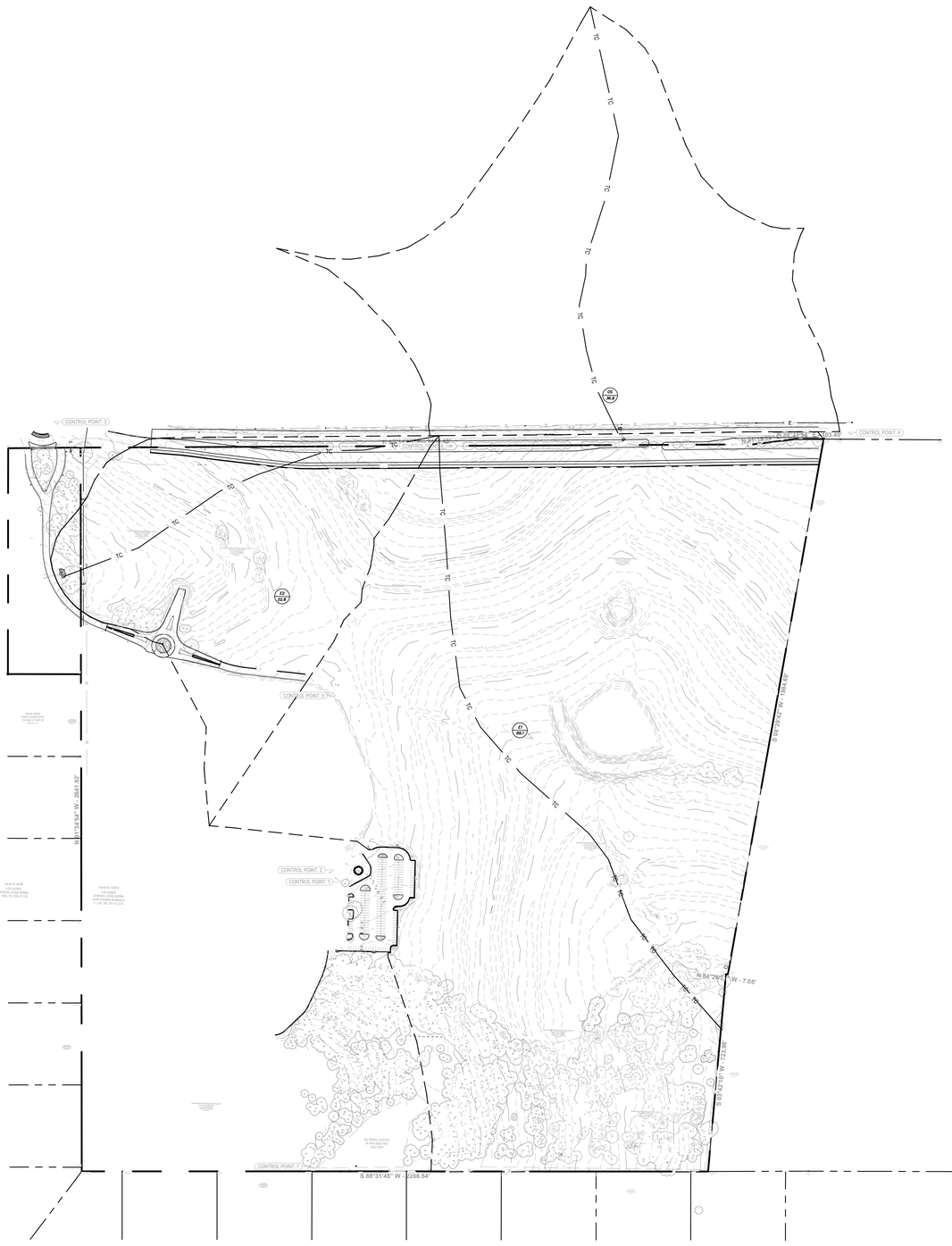
PROJECT NO.
23-134.00

SHEET TITLE
EXISTING CONDITIONS AND DEMO PLAN

SHEET NO.
C2.0

DRIPPING SPRINGS HS No.2

Drawing Path: G:\Projects\3-00895\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_EXISTING CONDITIONS & DEMO PLAN.dwg Plotted By: Brian Green Date: 7/23/2025 7:57:46 PM Layout: EXISTING CONDITIONS AND DEMO PLA Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), 1:99.9999



N

W E

S

GRAPHIC SCALE

100 0 50 100 200

(IN FEET)

SCALE = 1:100

LEGEND

- DRAINAGE BOUNDARY LINE
- TC — TIME OF CONCENTRATION LINE
- DRAINAGE FLOW ARROW
- (#) DRAINAGE LABEL

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

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7-24-2025

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Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

23-134.00

SHEET TITLE

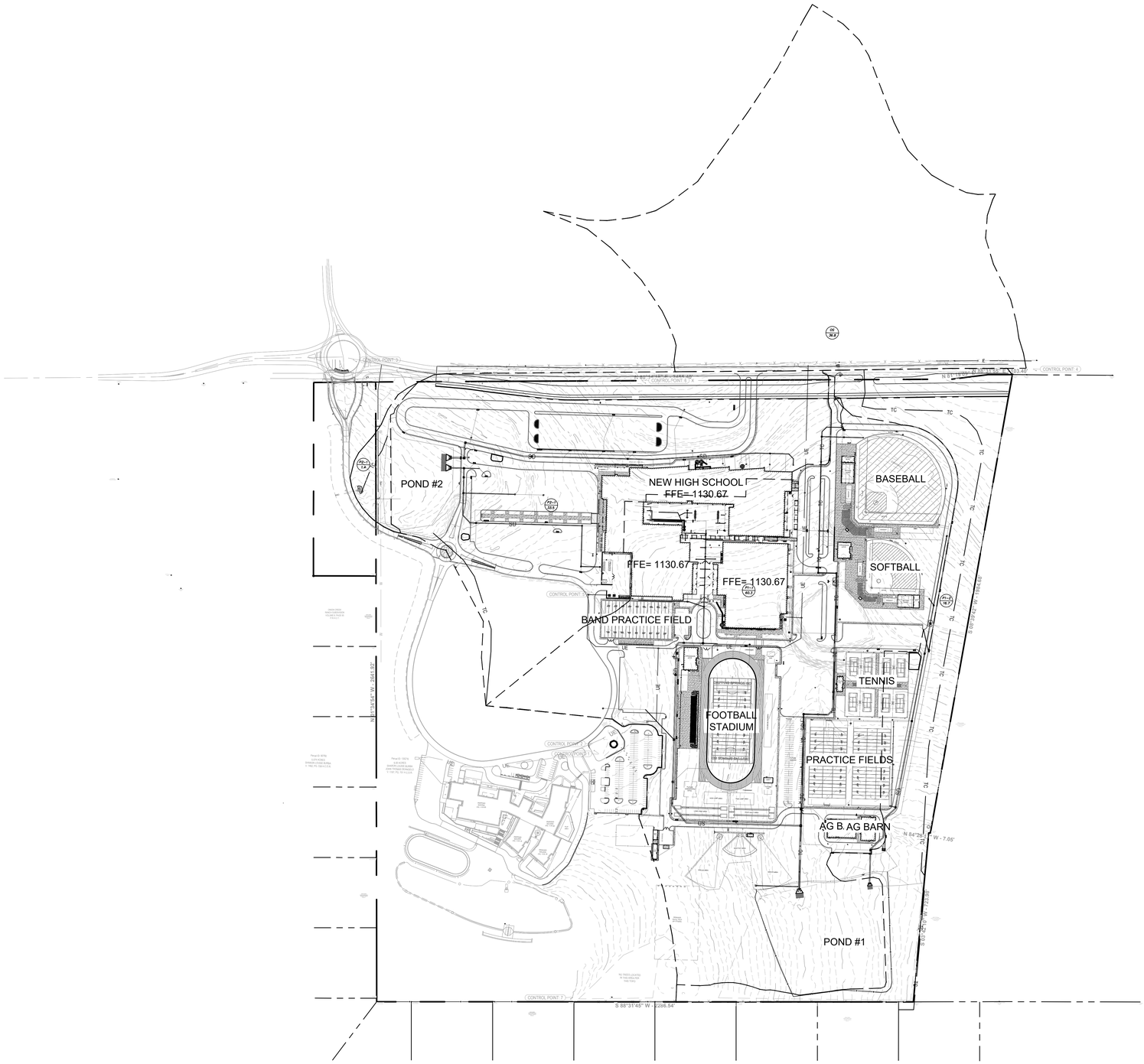
EXISTING DRAINAGE AREA MAP

SHEET NO.

C3.0

DRIPPING SPRINGS HS No.2

Drawing Path: G:\Projects\3-008995\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_EXISTING DA MAP.dwg Plotted By: Brian Green Date: 7/23/2025 7:57:56 PM Layout: EXISTING DRAINAGE AREA MAP Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), 1:200



N

W E

S

GRAPHIC SCALE

200 0 100 200 400

(IN FEET)

SCALE = 1:200

LEGEND

- DRAINAGE BOUNDARY LINE
- TC — TIME OF CONCENTRATION LINE
- DRAINAGE FLOW ARROW
- (#) DRAINAGE LABEL

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

!!! CAUTION !!!

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CONTRACTOR SHALL EXERCISE EXTREME CAUTION
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DRIPPING SPRINGS, TEXAS

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STATE OF TEXAS
DAVID P SMITH
56239
LICENSED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

23-134.00

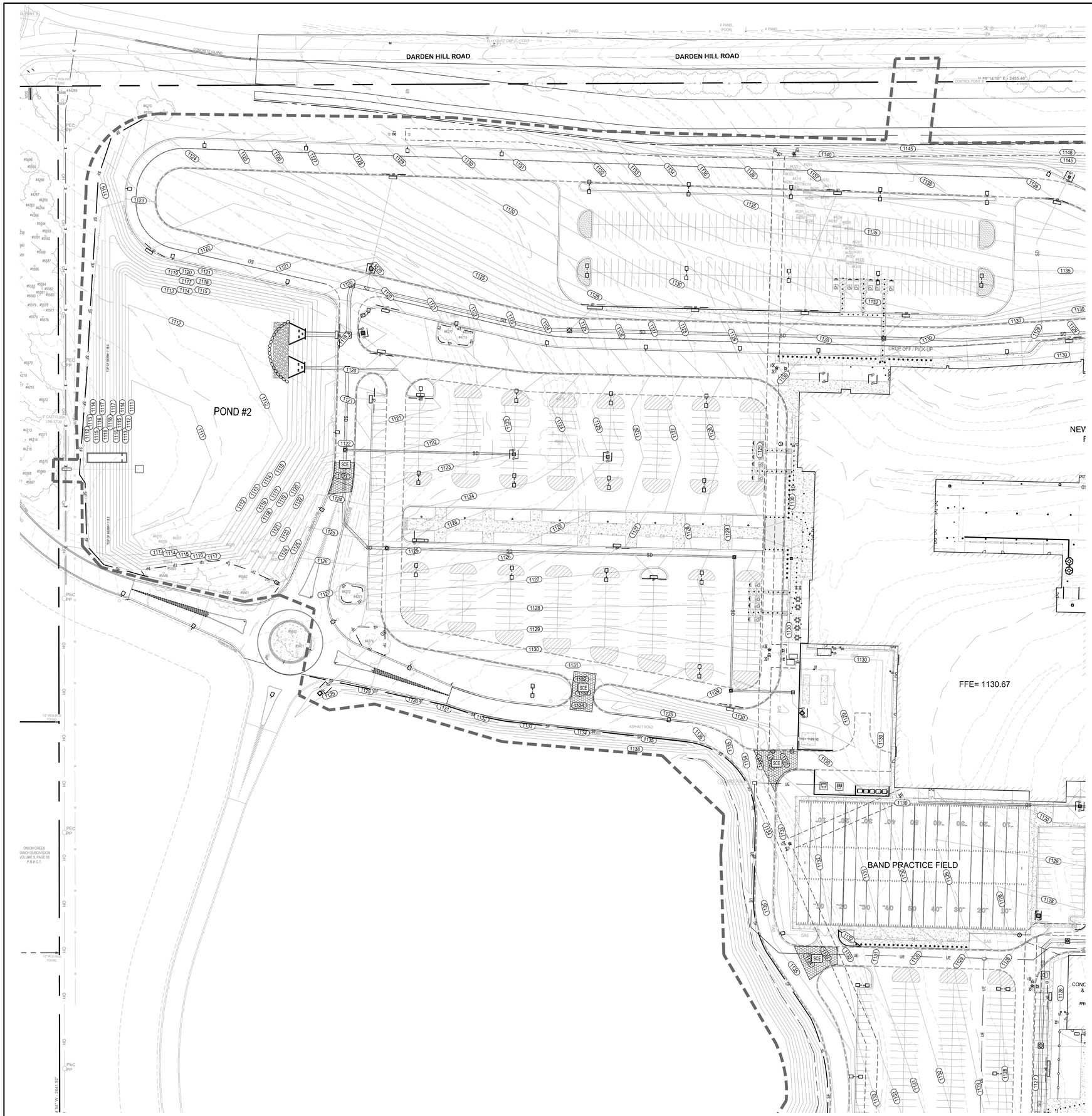
SHEET TITLE

PROPOSED DRAINAGE AREA MAP

SHEET NO.

C3.1

Drawing Path: G:\Projects\3-00895\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_PROPOSED DA MAP.dwg Plotted By: Brian Green Date: 7/24/2025 10:00:26 AM Layout: PROPOSED DRAINAGE AREA MAP Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), 1:200



N

W E

S

GRAPHIC SCALE

50 0 25 50 100

(IN FEET)

SCALE = 1:50

LEGEND

- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- SF SILT FENCE
- TP TREE PROTECTION
- IP INLET PROTECTION
- S.C.E. (TEMPORARY STABILIZED CONSTRUCTION ENTRANCE)
- S.C.S. (TEMPORARY SPOILS AND CONSTRUCTION STAGING)
- ROCK BERM
- VEGETATIVE FILTER STRIP (PERMANENT)
- 100 PROPOSED CONTOURS
- 100 PROPOSED CONTOURS - MAJOR
- 101 PROPOSED CONTOURS - MINOR

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- EXISTING TREE (TO REMAIN)
- 100 PROPOSED TREE

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

!!! CAUTION !!!

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

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56239
REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

23-134.00

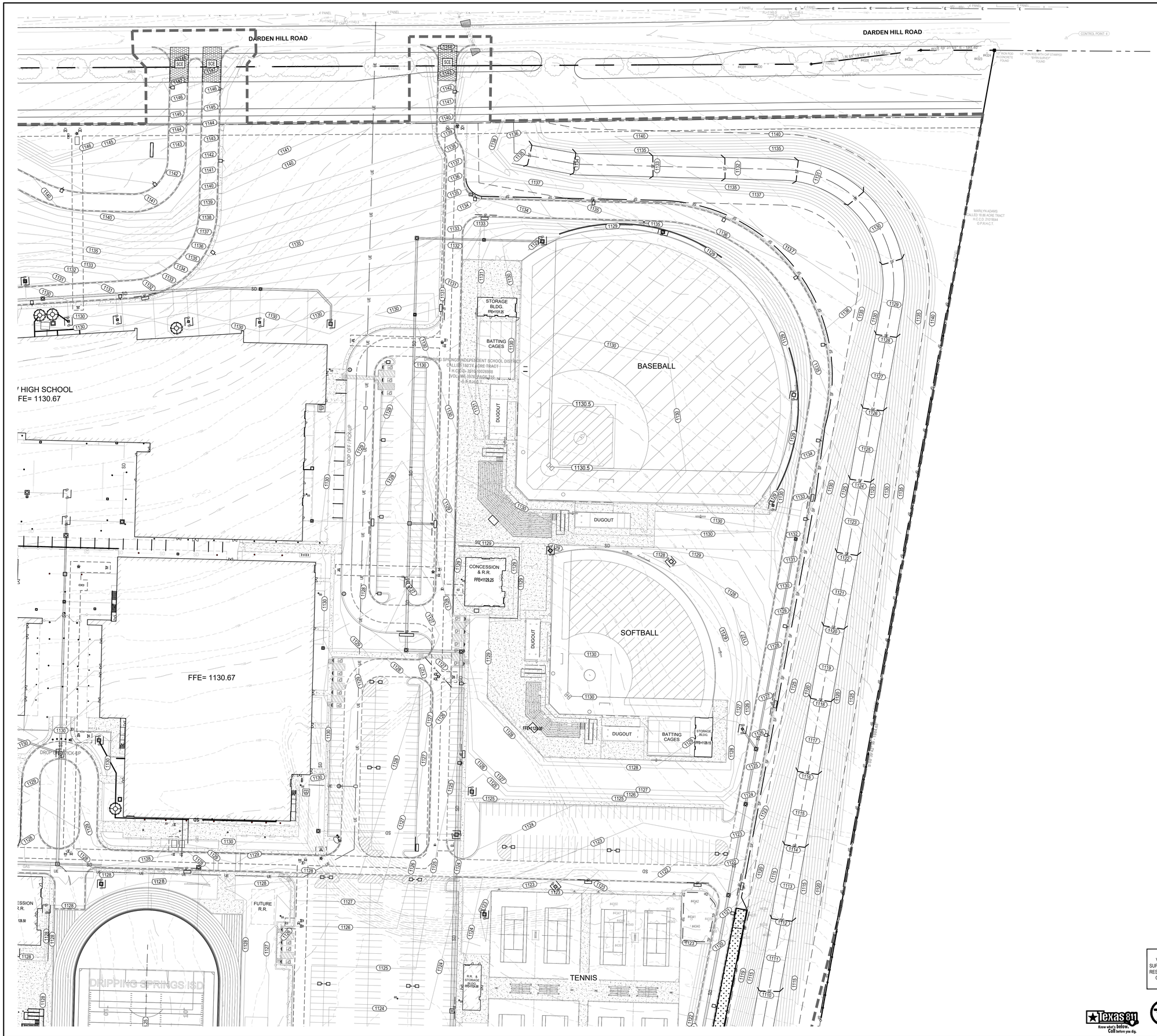
SHEET TITLE

TEMP ESC PLAN - SECTION 1

SHEET NO.

C4.0

Drawing Path: G:\Projects\3-008955\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_TEMP EROSION & SEDIMENTATION CONTROL PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:01:17 AM Layout: TEMP ESC PLAN - SECTION 1 Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches); 1:50



N

W E

S

GRAPHIC SCALE

50 0 25 50 100

(IN FEET)

SCALE = 1:50

LEGEND

- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- SF SILT FENCE
- TP TP TREE PROTECTION
- IP IP INLET PROTECTION
- S.C.E. (TEMPORARY STABILIZED CONSTRUCTION ENTRANCE)
- S.C.S. (TEMPORARY SPOILS AND CONSTRUCTION STAGING)
- ROCK BERM
- VEGETATIVE FILTER STRIP (ESTABLISHED)
- 100 PROPOSED CONTOURS
- 100 PROPOSED CONTOURS - MAJOR
- 101 PROPOSED CONTOURS - MINOR

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- EXISTING TREE (TO REMAIN)
- 100 PROPOSED TREE

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

!!! 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.

"RELEASE OF THIS APPLICATION DOES NOT CONSTITUTE A VERIFICATION OF ALL DATA, INFORMATION AND CALCULATIONS SUPPLIED BY THE APPLICANT. THE ENGINEER OF RECORD IS SOLELY RESPONSIBLE FOR THE COMPLETENESS, ACCURACY AND ADEQUACY OF HIS/HER SUBMITTAL, WHETHER OR NOT THE APPLICATION IS REVIEWED FOR CODE COMPLIANCE BY CITY ENGINEERS"

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2700 Via Fortuna, Suite 230
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DRIPPING SPRINGS ISD
DRIPPING SPRINGS, TEXAS

Bid Package 2
Issue For Permitting, Bidding and Construction

STATE OF TEXAS
DAVID P SMITH
56239
REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

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Checker	

PROJECT NO.

23-134.00

SHEET TITLE

TEMP ESC PLAN - SECTION 2

SHEET NO.

C4.1

DRIPPING SPRINGS HS No.2

Drawing Path: G:\Projects\3-008995\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_TEMP EROSION & SEDIMENTATION CONTROL PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:01:30 AM Layout: TEMP ESC PLAN - SECTION 2 Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches); 1:50

N

W E

S

GRAPHIC SCALE

100 0 25 50 100

(IN FEET)

SCALE = 1:50

LEGEND

- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
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- 100 PROPOSED CONTOURS
- 100 PROPOSED CONTOURS - MAJOR
- 101 PROPOSED CONTOURS - MINOR

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- EXISTING TREE (TO REMAIN)
- 100 PROPOSED TREE

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

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DRIPPING SPRINGS ISD
DRIPPING SPRINGS, TEXAS

Bid Package 2
Issue For Permitting, Bidding and Construction

STATE OF TEXAS
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Checker	

PROJECT NO.

23-134.00

SHEET TITLE

TEMP ESC PLAN - SECTION 3

SHEET NO.

C4.2

DRIPPING SPRINGS HS No.2

Drawing Path: G:\Projects\3-008955\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_TEMP EROSION & SEDIMENTATION CONTROL PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:01:47 AM Layout: TEMP ESC PLAN - SECTION 3 Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches); 1:50

3-00895.00 TREE TAG LIST

TREE TAG #	TREE SIZE	TREE TYPE
* 4201	16.5"	OAK
* 4202	13.5"	OAK
* 4203	13"	OAK
* 4204	14"	OAK
* 4205	18"	CEDAR
* 4206	18"	CEDAR
* 4207	16"	OAK
* 4208	11"	OAK
* 4209	12"	OAK
* 4210	20"	CEDAR
4211	11.5"	OAK
4212	12"	OAK
4213	14"	OAK
4214	9.5"	OAK
4215	13"	OAK
4216	17"	OAK
4217	12"	OAK
4218	10.5"	OAK
4219	9"	OAK
4220	9"	OAK
4221	18"	CEDAR
4222	8"	OAK
4223	10"	OAK
4224	9.5"	OAK
4225	13"	OAK
4226	9"	OAK
4227	10"	OAK
4228	10"	OAK
4229	8"	OAK
4230	10"	OAK
4231	21.5"	CEDAR
4232	15"	OAK
4233	11.5"	OAK
4234	11"	OAK
4235	22.5"	OAK
4236	14.5"	OAK
4237	14"	OAK
4238	8.5"	OAK
4239	24.5"	OAK
4240	10"	OAK
4241	11.5"	OAK
4242	9.5"	OAK
4243	8"	OAK
4244	9"	OAK
4245	9.5"	OAK
4246	17"	OAK
4247	20.5"	OAK
4248	8"	OAK
4249	9"	OAK
4250	9.5"	OAK
4251	14"	OAK
4252	12.5"	OAK
4253	11"	OAK
4254	9.5"	OAK
4255	11"	OAK
4256	9"	OAK
4257	13.5"	OAK
4258	10.5"	OAK
4259	17"	OAK
4260	8.5"	OAK
4261	"	OAK
4262	11"	OAK
4263	9"	OAK
4264	11"	OAK
4265	8"	OAK
4266	8"	OAK
4267	9"	OAK
4268	10"	OAK
4269	35"	OAK
4270	9"	OAK
4271	10"	OAK
4272	8.5"	OAK
4273	9"	OAK
4274	24.5"	OAK
4275	9"	OAK
4276	10"	OAK
4277	8"	OAK
* 4278	10"	OAK
* 4279	20"	OAK
* 4280	9"	OAK
* 4281	8.5"	OAK
* 4282	9"	OAK
* 4283	9"	OAK
* 4284	10.5"	OAK
* 4285	9.5"	OAK
* 4286	8.5"	OAK
* 4287	14.5"	OAK
* 4288	11.5"	OAK
* 4289	16.5"	OAK
* 4290	18"	OAK
* 4291	12.5"	OAK
* 4292	11"	OAK
* 4293	12"	OAK
* 4294	11"	OAK
* 4295	11"	OAK
* 4296	8.5"	OAK
* 4297	17"	OAK
* 4298	12.5"	OAK
* 4299	12.5"	OAK
* 4300	8.5"	OAK
* 4301	14.5"	OAK
* 4302	12"	OAK
* 4303	16"	OAK
* 4304	11.5"	OAK
* 4305	15"	OAK
* 4306	9"	OAK
* 4307	12"	OAK
* 4308	12.5"	OAK
* 4309	8.5"	OAK
* 4310	11"	OAK
* 4311	10.5"	OAK
* 4312	10"	OAK
* 4313	10"	OAK
* 4314	12.5"	OAK
* 4315	9"	OAK
* 4316	10"	OAK
* 4317	12.5"	OAK
* 4318	8.5"	OAK
* 4319	9"	OAK
* 4320	12"	OAK
* 4321	12"	OAK
* 4322	10.5"	OAK
4323	13"	OAK
4324	12.5"	OAK
4325	8"	OAK
4326	8"	OAK
4327	8"	OAK
4328	11"	OAK
4329	8.5"	OAK
4330	22"	OAK
4331	25"	CEDAR
4332	12"	OAK
4333	14"	OAK
* 4334	8"	OAK
* 4335	10"	OAK
* 4336	26"	OAK
* 4337	10"	OAK
* 4338	11"	OAK
* 4339	20"	OAK
4340	22"	OAK
4341	27"	OAK
4342	17"	OAK
* 4343	17"	OAK
* 4344	15"	OAK
* 4345	15"	OAK
* 4346	12"	OAK
* 4347	14"	OAK
* 4348	19"	OAK
* 4349	20"	OAK
* 4350	19"	OAK
* 4351	19"	OAK
* 4352	18"	OAK
* 4353	18"	OAK
* 4354	14"	OAK
* 4355	17.5"	OAK
* 4356	14"	OAK
* 4357	12"	OAK
* 4358	18"	OAK
* 4359	17.5"	OAK
* 4360	11"	OAK
* 4361	13.5"	OAK
* 4362	9"	OAK
* 4363	15"	OAK
* 4364	11.5"	OAK
* 4365	11.5"	OAK
* 4366	10"	OAK
* 4367	27.5"	OAK
* 4368	11.5"	OAK
* 4369	17.5"	OAK
* 4370	8.5"	OAK
* 4371	18"	OAK
* 4372	12"	OAK
* 4373	9.5"	OAK
* 4374	32.5"	OAK
4375	32"	OAK
4376	13"	OAK
4377	15"	OAK
* 4378	18"	OAK
* 4379	21"	OAK
* 4380	49.5"	OAK
* 4381	32"	OAK
* 4382	10.5"	OAK
* 4383	21"	OAK
* 4384	16"	OAK
* 4385	14"	OAK
* 4386	12"	OAK
* 4387	9"	OAK
5001	4"	OAK
5002	4.5"	LIVE
5003	4"	LIVE
5004	11"	OAK
5005	9"	OAK
5006	9"	OAK
5007	4"	LIVE
5008	4"	LIVE
5009	4"	LIVE
5010	4.5"	LIVE
5011	4.5"	LIVE
5012	24"	OAK
5013	17"	OAK
5014	8.5"	OAK
5015	4.5"	LIVE
5016	4"	LIVE
5017	20"	CEDAR
5018	23"	OAK
5019	21"	OAK
5020	14.5"	OAK
5021	14.5"	OAK
5022	10"	OAK
5023	13"	OAK
5024	19"	OAK
5025	23"	CEDAR
5026	26"	CEDAR
5027	22"	ELM
5028	11"	OAK
5029	8"	OAK
5030	10.5"	OAK
5031	9"	OAK
5032	18"	CEDAR
5033	8"	OAK
5034	8"	OAK
5035	18"	CEDAR
5036	18"	CEDAR
5037	8"	OAK
5038	8"	OAK
5039	8"	OAK
5040	18"	CEDAR
5041	15"	OAK
5042	9"	OAK
5043	8"	OAK
5044	8"	OAK
5045	13"	OAK
5046	20"	CEDAR
5047	18"	CEDAR
5048	18"	OAK
5049	18"	CEDAR
5050	24"	CEDAR
5051	"	OAK
5052	8"	OAK
5053	8"	OAK
5054	10"	OAK
5055	8"	OAK
5056	20"	OAK
5057	19"	OAK
5058	8"	OAK
5059	11"	OAK
5060	11"	OAK
5061	20"	CEDAR
5062	8"	OAK
5063	8"	OAK
5064	22"	CEDAR
5065	14"	OAK
5066	11"	OAK
5067	18.5"	OAK
5068	26"	CEDAR
5069	18"	CEDAR
5070	11"	OAK
5071	12"	OAK
5072	13"	OAK
5073	23"	CEDAR
5074	10"	OAK
5075	8.5"	OAK
5076	8"	OAK
5077	10"	OAK
5078	8.5"	OAK
5079	11"	OAK
5080	10"	OAK
5081	10"	OAK
5082	11"	OAK
5083	9"	OAK
5084	11"	OAK
5085	12"	OAK
5086	9"	OAK
5087	8"	OAK
5088	8"	OAK
5089	10"	OAK
5090	12"	OAK
5091	8"	OAK
5092	9"	OAK
5093	8"	OAK
5094	47"	CEDAR
5095	9"	OAK
5096	21"	CEDAR
5097	8"	OAK
5098	"	OAK
5099	23"	CEDAR
5100	11"	OAK
* 5101	9"	OAK
5102	19"	CEDAR
5103	28"	CEDAR
5104	10"	CEDAR
5105	10"	OAK
5106	19"	CEDAR
5107	19"	CEDAR
5108	"	OAK
5109	10"	OAK
5110	15"	OAK
5111	26"	OAK
5112	19"	CEDAR
5113	8"	OAK
5114	8.5"	OAK
5115	9"	OAK
5116	9.5"	OAK
5117	9.5"	OAK
5118	10.5"	OAK
5119	10"	OAK
5120	26"	CEDAR
5121	11"	OAK
5122	11"	OAK
5123	19"	CEDAR
5124	12"	OAK
5125	20"	CEDAR
5126	18"	CEDAR
5127	18"	CEDAR
5128	16"	OAK
5129	18"	CEDAR
5130	19"	CEDAR
5131	24"	CEDAR
5132	19"	CEDAR
5133	24"	CEDAR
5134	14"	OAK
5135	24"	CEDAR
5136	18"	CEDAR
5137	20"	CEDAR
5138	25"	CEDAR
5139	10"	OAK
5140	9"	OAK
5141	18"	CEDAR
5142	32"	CEDAR
5143	13.5"	OAK
5144	19"	CEDAR
5145	18"	CEDAR
5146	26"	CEDAR
5147	9"	OAK
5148	21"	CEDAR
5149	21"	OAK
5150	19"	CEDAR
5151	24"	CEDAR
5152	25"	CEDAR
5153	18"	CEDAR
5154	20"	OAK
5155	14"	OAK
5156	11"	OAK
5157	18"	CEDAR
5158	23"	CEDAR
5159	20"	CEDAR
5160	31"	CEDAR
5161	8.5"	OAK
5162	8"	OAK
5163	27"	CEDAR
5164	12"	OAK
5165	9"	OAK
5166	9.5"	OAK
5167	12"	OAK
* 5168	24"	CEDAR
* 5169	22"	CEDAR
* 5170	9.5"	OAK
* 5171	15.5"	OAK
* 5172	18"	OAK
* 5173	8"	HACK
* 5174	9"	OAK
* 5175	10"	OAK
* 5176	12"	OAK
* 5177	15.5"	OAK
* 5178	16.5"	OAK
* 5179	11"	OAK
* 5180	16"	OAK
* 5181	19"	OAK
* 5182	10.5"	OAK
* 5183	10.5"	OAK
* 5184	18"	CEDAR
* 5185	9.5"	OAK
* 5186	20.5"	CEDAR
* 5187	11"	OAK
* 5188	11"	OAK
* 5189	9"	OAK
* 5190	9.5"	OAK
* 5191	8"	OAK
5192	12"	OAK
* 5193	10"	OAK
5194	11"	OAK
5195	13"	OAK
5196	12.5"	OAK
5197	9.5"	OAK
5198	11"	OAK
5199	23"	OAK
5200	9.5"	OAK
* 5201	26"	CEDAR
* 5202	22"	CEDAR
* 5203	19"	CEDAR
5204	23"	CEDAR
* 5205	37"	CEDAR
* 5206	22"	CEDAR
* 5207	8"	OAK
* 5208	8"	OAK
5209	13"	OAK
5210	10"	OAK
5211	8"	OAK
5212	15"	OAK
5213	25"	CEDAR
5214	11"	OAK
5215	10"	OAK
5216	10"	OAK
5217	14"	OAK
5218	10"	OAK
5219	12"	OAK
5220	11"	OAK
5221	11"	OAK
5222	12"	OAK
5223	8"	OAK
5224	8"	OAK
5225	9"	OAK
5226	11"	OAK
5227	9"	OAK
5228	8"	OAK
5229	8"	OAK
5230	8"	OAK
5231	11"	OAK
5232	26"	CEDAR
5233	15"	OAK
5234	12"	OAK
5235	9"	OAK
5236	8"	OAK
5237	8"	OAK
* 5238	18"	CEDAR
5239	18"	CEDAR
5240	28"	CEDAR
5241	21"	CEDAR
5242	11"	OAK
5243	25"	CEDAR
5244	25"	CEDAR
5245	28"	CEDAR
5246	19"	CEDAR
5247	22"	CEDAR
5248	21"	CEDAR
5249	25"	CEDAR
5250	19"	CEDAR
5252	22"	CEDAR
5253	24"	CEDAR
5254	20"	CEDAR
5255	18"	CEDAR
5256	20"	CEDAR
5257	8"	OAK
5258	30"	CEDAR
5259	18"	CEDAR
5260	18"	CEDAR
5261	40"	CEDAR
5262	18"	CEDAR
5263	23"	CEDAR
5264	18"	CEDAR
5265	22"	CEDAR
5266	18"	CEDAR
5267	26"	CEDAR
5268	33"	CEDAR
5269	22"	CEDAR
5270	19"	CEDAR
5271	18"	CEDAR
5272	22"	CEDAR
5273	20"	CEDAR
5274	18"	CEDAR
5275	25"	CEDAR
5276	12"	OAK
5277	30"	CEDAR
5279	22"	CEDAR
5280	28"	CEDAR
5281	25"	CEDAR
5282	21"	CEDAR
5283	18"	CEDAR
5284	26"	CEDAR
5285	35"	CEDAR
5286	18"	CEDAR
5287	18"	CEDAR
5288	28"	CEDAR
5289	20"	CEDAR
5290	30"	CEDAR
5291	18"	CEDAR
5292	22"	CEDAR
5293	10"	OAK
5294	9"	OAK
5295	18"	CEDAR
5296	24"	CEDAR
5297	18"	CEDAR
5298	8"	OAK
5299	18"	CEDAR
5300	18"	CEDAR
5301	10"	OAK
5302	8.5"	OAK
5303	8.5"	OAK
5304	8"	OAK
5305	10.5"	OAK
5306	10"	OAK
5307	11"	OAK
5308	8.5"	OAK
5309	9"	OAK
5310	18"	CEDAR
5311	9"	OAK
5312	8"	OAK
5313	8"	OAK
5314	10"	OAK
5315	10.5"	OAK
5316	16"	OAK
5317	14"	OAK
5318	21"	CEDAR
* 5318	10"	OAK
5319	8"	OAK
* 5319	9"	OAK
5320	10"	OAK
* 5320	12"	OAK
* 5321	10"	OAK
5322	8.5"	OAK
* 5322	14"	OAK
5323	9.5"	OAK
5324	8"	OAK
5325	8"	OAK
5326	19"	OAK
5327	21"	CEDAR
5328	17"	OAK
5329	10"	OAK
5330	23"	CEDAR
5331	18"	CEDAR
5332	18"	CEDAR
5333	22"	CEDAR
5334	10.5"	OAK
5335	8.5"	OAK
5336	12"	OAK
5337	22"	CEDAR
5338	42"	CEDAR
5339	13.5"	OAK
5340	10"	OAK
5341	9"	OAK
5342	10.5"	OAK
5343	10"	OAK
5344	9"	OAK
5345	8"	OAK
5346	20"	CEDAR
5347	20"	CEDAR
5348	46"	CEDAR
5349	23"	OAK
5350	9"	OAK
5351	8"	OAK
5352	24"	CEDAR
5353	18"	CEDAR
5354	20"	CEDAR
5355	12.5"	OAK
5356	12"	OAK
5357	13.5"	OAK
5358	15"	OAK
5359	20"	CEDAR
5360	20"	CEDAR
5361	21"	OAK
5362	9.5"	OAK
5363	29"	CEDAR
5364	28"	CEDAR
5365	9"	OAK
5366	8"	OAK
5367	42"	CEDAR
5368	22"	CEDAR
5369	19.5"	ELM
5370	9"	OAK
5371	12"	OAK
5372	20"	CEDAR
5373	22"	CEDAR
5374	9"	OAK
5375	18"	CEDAR
5376	28"	CEDAR
5377	20"	CEDAR
5378	24"	CEDAR
5379	24"	CEDAR
5380	12"	OAK
5381	8"	OAK
5382	17.5"	OAK
5383	13.5"	OAK
5384	18"	OAK
5385	18.5"	OAK
5386	17"	OAK
5387	18"	OAK
5388	30"	CEDAR
5389	9"	OAK
5390	8"	OAK
5391	11.5"	OAK
5392	22"	CEDAR
5393	8"	OAK
5394	25"	CEDAR
5395	26"	CEDAR
5396	25"	CEDAR
5397	28"	CEDAR
5398	12"	OAK
5399	9.5"	OAK
5400	9"	OAK
* 5401	18"	CEDAR
5402	9"	OAK
5403	9.5"	OAK
5404	21.5"	OAK
5405	22"	OAK
5406	14.5"	OAK
5407	14"	OAK
5408	16"	OAK
5409	10"	OAK
5410	11.5"	OAK
5411	9.5"	OAK
5412	9"	OAK
5413	26"	OAK
5414	10"	OAK
5415	19"	CEDAR
5416	9"	OAK
5417	9"	OAK
* 5419	9"	OAK
* 5420	12"	OAK
* 5421	9"	OAK
* 5422	14"	OAK
5423	9.5"	OAK
5424	13"	OAK
5425	8.5"	OAK
5426	10"	OAK
5427	13"	OAK
* 5428	8"	OAK
* 5429	8"	OAK
* 5430	9"	OAK
* 5431	8"	OAK
* 5432	19"	OAK
* 5433	8.5"	OAK
* 5434	8"	OAK
* 5435	8"	OAK
* 5436	9"	OAK
* 5437	14"	OAK
5438	9"	OAK
5439	11"	OAK
5440	8.5"	OAK
5441	8"	OAK
5442	13"	OAK
* 5443	10"	OAK
* 5444	11"	OAK
* 5445	9.5"	OAK
* 5446	9"	OAK
* 5447	12"	OAK
* 5448	8.5"	OAK
* 5449	9"	OAK
* 5450	8.5"	OAK
* 5451	12"	OAK
* 5452	9"	OAK
* 5453	8"	OAK
* 5454	9"	OAK
* 5455	8.5"	OAK
* 5456	8"	OAK
* 5457	28"	CEDAR
* 5458	24"	CEDAR
* 5459	15.5"	OAK
* 5460	18"	CEDAR
5461	8"	OAK
5462	8"	OAK
5463	9"	OAK
5464	8"	OAK
5466	8"	OAK
5467	10"	OAK
5468	9"	OAK
5469	10"	OAK
5470	8"	OAK
5471	8"	OAK
5472	9.5"	OAK
5473	9"	OAK
5474	10"	OAK
5475	8"	OAK
5476	13"	OAK
5477	18"	CEDAR
5478	19"	CEDAR
5479	8.5"	OAK
5480	10"	OAK
5481	9"	OAK
5482	8.5"	OAK
5483	9"	OAK
5484	22"	OAK
5485	10.5"	OAK
5486	9.5"	OAK
5487	8"	OAK
5488	9"	OAK
5489	11"	OAK
5490	17"	OAK
5491	8.5"	OAK
5492	11"	OAK
5493	24"	CEDAR
5494	8"	OAK
5495	9"	OAK
5496	8.5"	OAK
5497	20"	CEDAR
5498	8"	OAK
5499	31"	CEDAR
5500	9"	OAK
5501	19"	CEDAR
5502	25"	CEDAR
* 5503	18"	CEDAR
5504	10"	OAK
5505	21"	CEDAR
5506	26"	CEDAR
5507	18"	CEDAR
5508	9"	OAK
5509	18"	OAK
5510	10"	OAK
5511	10"	OAK
5512	8"	OAK
5513	8"	OAK
5514	28"	CEDAR
5515	8"	OAK
5516	33"	CEDAR
5517	12"	OAK
5518	24"	CEDAR
5519	9"	OAK
5520	14"	OAK
5521	18"	CEDAR
5522	24"	CEDAR
5523	26"	CEDAR
5524	35"	CEDAR
5525	22"	CEDAR
5526	35"	CEDAR
5527	19"	CEDAR
5528	18"	CEDAR
5529	22"	CEDAR
5530	13"	OAK
5531	12"	OAK
5532	13"	OAK
5533	14"	OAK
5534	11"	OAK
5535	9"	OAK
5536	11"	OAK
5537	9"	OAK
5538	10"	OAK
5539	9"	OAK
5540	8"	OAK
5541	8"	OAK
5542	11"	OAK
5543	18"	CEDAR
5544	18"	CEDAR
5545	22"	CEDAR
5546	18"	CEDAR
5547	22"	CEDAR
5548	24"	CEDAR
5549	20"	CEDAR
5550	18"	CEDAR
5551	32"	CEDAR
5552	18"	CEDAR
5553	25"	CEDAR
5554	18"	CEDAR
5555	22"	CEDAR
5556	22"	CEDAR
5557	18"	CEDAR
5558	20"	CEDAR
5559	23"	CEDAR
5560	22"	OAK
5561	22"	OAK
5562	21"	OAK
5563	25"	OAK
* 5564	13"	OAK
5565	8"	OAK
5566	23"	OAK
5567	15"	OAK
5568	16"	OAK
5569	12"	OAK
5570	11"	OAK
5571	22"	OAK
5572	17"	OAK
5573	10"	OAK
5574	35"	CEDAR
5575	13"	OAK
5576	12"	OAK
5577	12"	OAK
5578	16"	OAK
5579	8"	OAK
5580	14"	OAK
5581	12"	OAK
5582	16"	OAK
5583	11"	OAK
5584	10"	OAK
5585	12"	OAK
5586	13"	OAK
5587	11"	OAK
5588	10"	OAK
5589	16"	OAK
5590	11"	OAK
5591	10"	OAK
5592	9"	OAK
5593	11"	OAK
5594	10"	OAK
5595	9"	OAK
5596	9"	OAK
5597	29"	OAK
5598	12"	OAK
5599	10"	OAK
5600	21"	OAK
5601	20"	OAK
* 5602	9"	OAK
* 5603	15"	OAK
* 5604	56"	CEDAR
5606	8"	OAK
* 5607	17"	HACKBERRY
* 5608	11"	OAK
* 5609	23"	HACKBERRY
5610	13.5"	OAK
5611	12"	OAK
5612	10"	OAK
5613	12"	OAK
5614	9"	OAK
5615	23"	CEDAR
5616	21"	OAK
5617	15.5"	OAK
5618	27"	OAK
5619	20"	CEDAR
* 5620	15"	OAK
* 5621	11"	OAK
* 5622	20"	OAK
* 5623	8.5"	OAK
* 5624	9"	OAK
* 5625	14.5"	OAK
* 5626	18"	OAK
* 5627	15"	OAK
* 5628	15.5"	OAK
5629	12"	OAK
5630	11.5"	OAK
5631	9"	OAK
* 5632	8"	OAK
* 5633	11.5"	OAK
* 5634	9.5"	OAK
* 5635	10"	OAK
* 5636	9"	OAK
* 5637	11.5"	OAK
* 5638	17"	OAK
* 5639	21"	OAK
* 5640	17"	OAK
* 5641	18"	OAK
* 5642	8"	OAK
* 5643	23"	OAK
* 5644	20"	OAK
* 5645	10.5"	OAK
* 5646	11"	OAK
* 5647	10"	OAK
* 5648	16"	OAK
* 5649	10"	OAK
* 5650	11"	OAK
* 5651	10.5"	OAK
* 5652	8.5"	OAK
* 5653	24"	OAK
* 5654	17"	OAK
* 5655	12.5"	OAK
* 5656	22.5"	OAK
* 5657	20"	OAK
* 5658	13.5"	OAK
* 5659	19"	OAK
* 5660	13"	OAK
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* 5662	13"	OAK
* 5663	21"	OAK
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* 5665	14"	OAK
* 5666	10"	OAK
* 5667	14"	OAK
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* 5669	13"	OAK
* 5670	20"	OAK
* 5671	29"	OAK
* 5672	21"	OAK
* 5673	19"	OAK
* 5674	9"	OAK
* 5675	12"	OAK
* 5676	10"	OAK
* 5677	9"	OAK
* 5678	8.5"	OAK
* 5679	9"	OAK
* 5680	10"	OAK
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* 5682	11"	OAK
* 5683	21"	OAK
* 5684	15"	OAK
* 5685	21"	OAK
* 5686	23.5"	OAK
* 5687	16"	OAK
* 5688	23"	OAK
* 5689	10"	OAK
* 5690	16"	OAK
* 5691	16.5"	OAK
* 5692	17"	OAK
* 5693	16"	OAK
* 5694	18"	OAK
* 5695	16.5"	OAK
* 5696	14.5"	OAK
* 5697	22"	OAK
* 5698	12"	OAK
* 5699	14"	OAK
* 5700	14"	OAK

★ TREE TO REMOVE

VLK

ARCHITECT

VLK
2700 Via Fortuna, Suite 230
Austin, Texas 78746
Main Phone: 512.807.3145
www.vlkarchitects.com

DRIPPING SPRINGS ISD
DRIPPING SPRINGS, TEXAS

DRIPPING SPRINGS HS No.2

Bid Package 2
Issue For Permitting, Bidding and Construction

STATE OF TEXAS
DAVID P. SMITH
56239
REGISTERED
PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director | Drawn By
Approver | Author
Designer | Quality Control
Designer
Proj. Arch.
Checker

PROJECT NO.

23-134.00

SHEET TITLE

TEMP ESC PLAN - TREE LIST (1 OF 2)

SHEET NO.

C4.3

!!! 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.

"RELEASE OF THIS APPLICATION DOES NOT CONSTITUTE A VERIFICATION OF ALL DATA, INFORMATION AND CALCULATIONS SUPPLIED BY THE APPLICANT. THE ENGINEER OF RECORD IS SOLELY RESPONSIBLE FOR THE COMPLETENESS, ACCURACY AND ADEQUACY OF HIS/HER SUBMITTAL, WHETHER OR NOT THE APPLICATION IS REVIEWED FOR CODE COMPLIANCE BY CITY ENGINEERS"

Texas 811 Know what's below. Call before you dig.

Walker Partners engineers | surveyors
T.B.P.E. Registration No. 8053

3-00895.00 TREE TAG LIST

	TREE TAG #	TREE SIZE	TREE TYPE
*	319	5"	OAK
*	320	3"	OAK
*	321	4"	OAK
*	322	12"	OAK
*	323	22"	CEDAR
*	324	4"	OAK
*	325	4"	OAK
*	326	15"	OAK
*	327	5"	OAK
*	328	22"	CEDAR
*	329	4"	OAK
*	330	5"	OAK
	331	17"	CEDAR
	332	6"	OAK
	333	4"	OAK
	334	10"	OAK
	335	13"	OAK
	336	8"	OAK
	337	10"	OAK
	338	18"	CEDAR
*	339	4"	OAK
*	340	3"	OAK
	341	3"	OAK
	342	13"	OAK
	343	14"	OAK
	344	11"	OAK
	345	11"	OAK
	346	9"	OAK
	347	3"	OAK
	348	3"	OAK
	349	2"	OAK
	350	4"	OAK
	351	24"	CEDAR
	352	5"	OAK
	353	6"	OAK
	354	24"	CEDAR
	355	7"	OAK
	356	6"	OAK
	357	18"	CEDAR
	358	6"	OAK
	359	8"	OAK
	360	6"	OAK
	361	7"	OAK
	362	6"	OAK
*	363	8"	OAK
*	364	7"	OAK
*	365	12"	OAK
*	366	7"	OAK
*	367	7"	OAK
*	368	6"	OAK
*	369	6"	OAK
*	370	9"	OAK
*	371	9"	OAK
*	372	8"	OAK
*	373	6"	OAK
*	374	18"	CEDAR
*	375	22"	CEDAR
*	376	21"	CEDAR
*	377	20"	CEDAR
*	378	24"	CEDAR
*	379	7"	OAK
*	380	6"	OAK
*	381	28"	CEDAR
*	382	29"	CEDAR
*	383	6"	OAK
*	384	8"	OAK
*	385	6"	OAK
*	386	6"	OAK
*	387	6"	OAK
*	388	8"	OAK
*	389	32"	CEDAR
*	390	27"	CEDAR
*	391	30"	CEDAR
*	392	6"	OAK
*	393	18"	CEDAR
*	394	12"	OAK
*	395	24"	CEDAR
*	396	8"	OAK
*	397	6"	OAK
*	398	6"	OAK
*	399	10"	OAK
*	400	8"	OAK
*	1001	10"	OAK
*	1002	10"	OAK
*	1003	7"	OAK
*	1004	8"	OAK
*	1005	7"	OAK
*	1006	7"	OAK
*	1007	8"	OAK
*	1008	8"	OAK
*	1009	6"	OAK
	1010	9"	OAK
	1011	6"	OAK
	1012	30"	CEDAR
	1013	30"	CEDAR
	1014	6"	OAK
	1015	6"	OAK
	1016	6"	OAK
	1017	6"	OAK
	1018	6"	OAK
	1019	6"	OAK
	1020	11"	OAK
	1021	10"	OAK
	1022	7"	OAK
	1023	7"	OAK
	1024	7"	OAK
	1025	7"	OAK
	1026	6"	OAK
	1027	6"	OAK
	1028	6"	OAK
	1029	9"	OAK
	1030	6"	OAK
	1031	6"	ELM
	1032	24"	CEDAR
	1033	12"	OAK
	1034	12"	OAK
	1035	7"	OAK
	1036	10"	OAK
	1037	6"	OAK
	1038	12"	OAK
	1039	17"	OAK
	1040	11"	OAK
	1041	11"	OAK
	1042	6"	OAK
	1043	8"	OAK
	1044	9"	OAK
	1045	6"	OAK
	1046	22"	CEDAR
	1047	20"	CEDAR
	1048	6"	OAK
	1049	6"	OAK
	1050	8"	OAK
	1051	7"	OAK
	1052	6"	OAK
	1053	6"	OAK
	1054	6"	OAK
	1055	7"	OAK
	1056	6"	OAK
	1057	7"	OAK
	1058	6"	OAK
	1059	6"	OAK
	1060	7"	OAK
	1061	6"	OAK
	1062	6"	OAK
	1063	10"	OAK
	1064	16"	OAK
	1065	18"	OAK
	1066	13"	OAK
	1067	16"	OAK
	1068	24"	OAK
	1069	16"	OAK
	1070	8"	OAK
	1071	8"	OAK
	1072	7"	OAK
	1073	6"	OAK
	1074	18"	CEDAR
	1075	24"	CEDAR
	1076	6"	OAK
	1077	8"	OAK
	1078	6"	OAK
	1079	6"	OAK
	1080	6"	OAK
	1081	18"	CEDAR
	1082	6"	OAK
	1083	6"	OAK
	1084	6"	OAK
	1085	6"	OAK
	1086	6"	OAK
	1087	6"	OAK
	1088	6"	OAK
	1089	8"	OAK
	1090	18"	CEDAR
	1091	19"	OAK
	1092	19"	OAK
	1093	7"	OAK
	1094	8"	OAK
	1095	6"	OAK
	1096	12"	ELM
	1097	12"	OAK
	1098	20"	OAK
	1099	7"	OAK
	1100	19"	CEDAR
	1101	9"	OAK
	1102	6"	OAK
	1103	7"	OAK
	1104	6"	OAK
	1105	6"	OAK
	1106	6"	OAK
	1107	21"	CEDAR
	1108	10"	OAK
	1109	8"	OAK
	1110	8"	OAK
	1111	6"	OAK
	1112	7"	OAK
	1113	6"	OAK
	1114	9"	OAK
	1115	8"	OAK
	1116	8"	OAK
	1117	22"	CEDAR
	1118	18"	CEDAR
	1119	6"	OAK
	1120	9"	OAK
	1121	7"	OAK
	1122	8"	OAK
	1123	10"	OAK
	1124	6"	OAK
	1125	8"	OAK
	1126	6"	OAK
	1127	6"	OAK
	1128	7"	OAK
	1129	7"	OAK
	1130	10"	OAK
	1131	12"	OAK
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	1133	7"	OAK
	1134	8"	OAK
	1135	6"	OAK
	1136	9"	OAK
	1137	7"	OAK
	1138	8"	OAK
	1139	7"	OAK
	1140	22"	CEDAR
	1141	7"	OAK
	1142	10"	OAK
	1143	7"	OAK
	1144	7"	OAK
	1145	6"	OAK
	1146	6"	OAK
	1147	6"	OAK
	1148	7"	OAK
	1149	10"	OAK
	1150	20"	OAK
	1151	9"	OAK
	1152	13"	OAK
	1153	18"	OAK
	1154	10"	OAK
	1155	18"	CEDAR
	1156	7"	OAK
	1157	6"	OAK
	1158	6"	OAK
	1159	7"	OAK
	1160	8"	OAK
	1161	7"	OAK
	1162	7"	OAK
	1163	9"	ELM
	1164	6"	OAK
	1165	6"	OAK
	1166	7"	OAK
	1167	6"	OAK
	1168	6"	OAK
	1169	19"	CEDAR
	1170	18"	CEDAR
	1171	7"	OAK
	1172	6"	OAK
	1173	19"	CEDAR
	1174	6"	OAK
	1175	6"	OAK
	1176	19"	CEDAR
	1177	21"	CEDAR
	1178	7"	OAK
	1179	19"	CEDAR
	1180	18"	CEDAR
	1181	7"	OAK
	1182	7"	OAK
	1183	18"	CEDAR
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	1189	7"	OAK
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	1191	8"	OAK
	1192	9"	OAK
	1193	10"	OAK
	1194	21"	CEDAR
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	1198	6"	OAK
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	1209	6"	OAK
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	1212	6"	ELM
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	1214	7"	OAK
	1215	36"	OAK
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	1221	6"	OAK
	1222	9"	OAK
	1223	8"	OAK
	1224	8"	OAK
	1225	12"	OAK
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	1227	8"	OAK
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	1230	19"	OAK
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	1232	8"	OAK
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	1234	10"	OAK
	1235	6"	OAK
	1236	6"	OAK
	1237	8"	OAK
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	1242	6"	OAK
	1243	7"	OAK
	1244	8"	OAK
	1245	6"	OAK
	1246	6"	OAK
	1247	9"	OAK
	1248	9"	OAK
	1249	6"	OAK
	1250	6"	OAK
	1251	21"	ELM
	1252	6"	OAK
	1253	7"	OAK
	1254	7"	OAK
	1255	19"	CEDAR
	1256	7"	OAK
	1257	7"	OAK
	1258	7"	OAK
	1259	7"	OAK
	1260	7"	OAK
	1261	24"	CEDAR
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	1263	7"	OAK
	1264	7"	OAK
	1265	6"	OAK
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	1267	7"	OAK
	1268	6"	OAK
	1269	6"	OAK
	1270	6"	OAK
	1271	6"	OAK
	1272	6"	OAK
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	1274	7"	OAK
	1275	6"	OAK
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	1282	20"	CEDAR
	1301	18"	CEDAR
	1302	18"	CEDAR
	1303	6"	OAK
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	1305	8"	OAK
	1306	18"	CEDAR
	1307	13"	OAK
	1308	10"	OAK
	1309	10"	OAK
	1310	10"	OAK
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	1315	6"	OAK
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	1327	6"	OAK
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	1337	9"	OAK
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	1339	6"	OAK
	1340	6"	OAK
	1341	6"	OAK
	1342	28"	OAK
	1343	30"	CEDAR
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	1402	18"	CEDAR
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	1405	6"	OAK
	1406	6"	OAK
	1407	6"	OAK
	1408	18"	CEDAR
	1409	6"	OAK
	1410	9"	OAK
	1411	6"	OAK
	1412	7"	OAK
	1649	9"	OAK
	1650	9.5"	OAK
	1651	14"	OAK
	1652	8.5"	OAK
	1653	12.5"	OAK
	1654	6"	OAK
	1655	8.5"	OAK
	1656	11"	OAK
	1657	18"	CEDAR
	1658	19"	CEDAR
	1659	5"	OAK
	1660	4"	OAK
	1661	4"	OAK
	1662	3"	OAK
	1663	4"	OAK
	1664	4"	OAK
	1665	27"	CEDAR
	1666	4"	OAK
	1667	4.5"	OAK
	1668	4.5"	OAK
	1669	19"	CEDAR
	1670	7"	OAK
	1671	6"	OAK
	1672	8"	OAK
	1673	6"	OAK
	1674	6"	OAK
	1675	18"	CEDAR
	1676	11"	OAK
	1677	7"	OAK
	1678	7"	OAK
	1679	7"	OAK
	1680	7"	OAK
	1681	6"	OAK
	1682	7"	OAK
	1683	7"	OAK
	1684	8"	OAK
	1685	8"	OAK
	1686	9"	OAK
	1687	7"	OAK
	1688	7"	OAK
	1689	14"	OAK
	1690	7"	OAK
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	1692	10"	OAK
	1693	6"	OAK
	1694	7"	OAK
	1695	7"	OAK
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	1697	7"	OAK
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	2165	6"	OAK
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	2167	19"	CEDAR
	2168	6"	OAK
	2169	6"	OAK
	2170	6"	OAK
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	3549	4"	OAK
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	3558	19"	CEDAR
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	3583	6"	OAK
	3584	6"	OAK
	3585	19"	CEDAR
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	3588	10"	ELM
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	5918	8"	OAK
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	5925	8"	OAK
	5926	13"	OAK
	5927	11"	OAK
	5928	6"	OAK
	5929	7"	OAK
	5930	6"	OAK
	5931	6"	OAK
	5932	10"	OAK
	5933	7"	OAK
	5934	6"	OAK
	5935	6"	OAK

* TREE TO REMOVE

!!! CAUTION !!!

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

!!! WARNING !!!

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DRIPPING SPRINGS ISD
DRIPPING SPRINGS, TEXAS

DRIPPING SPRINGS HS No.2

Bid Package 2
Issue For Permitting, Bidding and Construction

STATE OF TEXAS
DAVID P SMITH
56239
REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director
Approver
Designer
Designer
Proj. Arch.
Checker

Drawn By
Author
Quality Control

PROJECT NO.

23-134.00

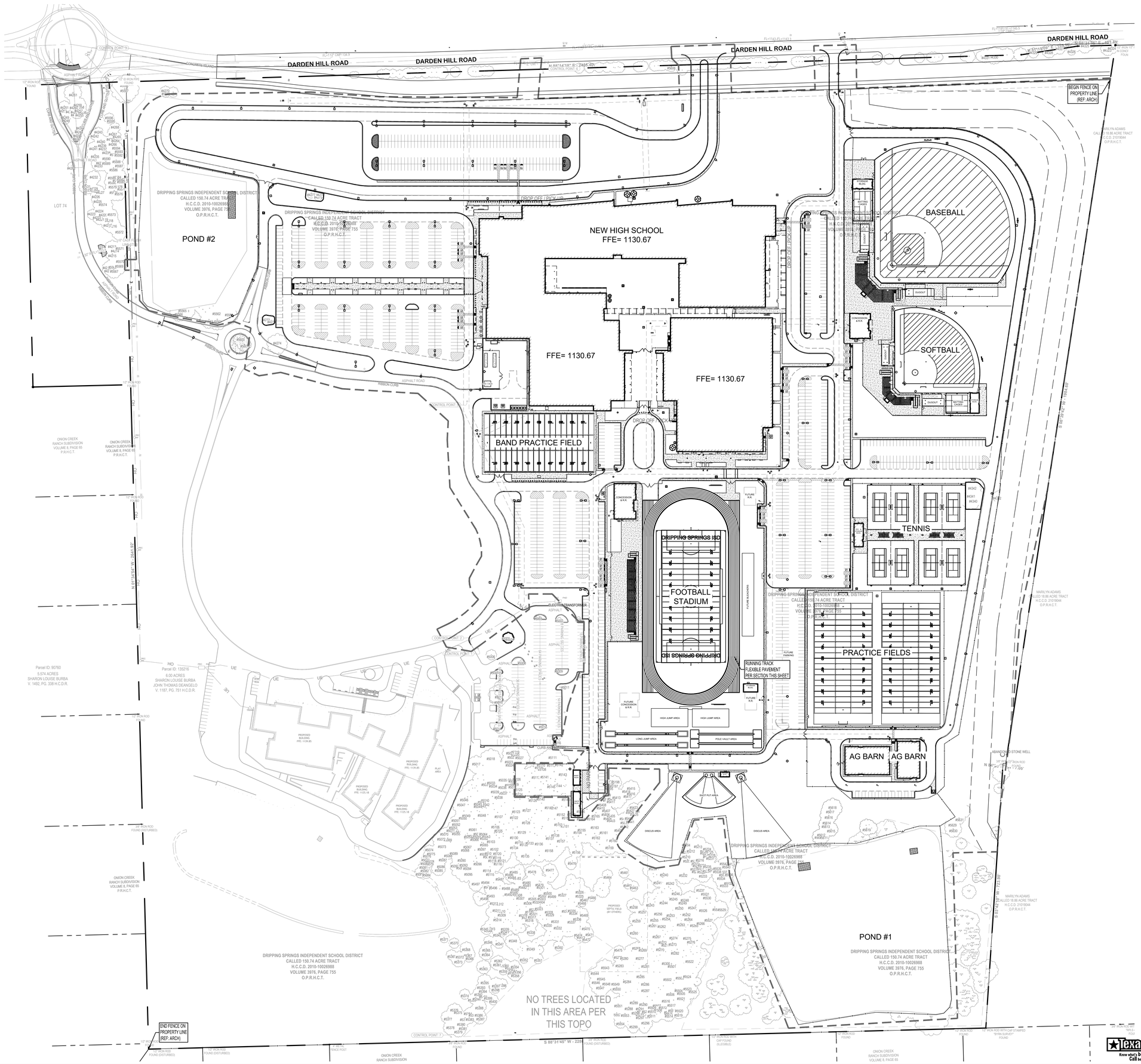
SHEET TITLE

TEMP ESC PLAN - TREE LIST (2 OF 2)

SHEET NO.

C4.4

Drawing Path: G:\Projects\3-00895\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_TEMP EROSION & SEDIMENTATION CONTROL PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:01:53 AM Layout: TEMP ESC PLAN - TREE LIST (2 OF 2) Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), ####



N

W E

S

GRAPHIC SCALE

100 0 50 100 200

(IN FEET)

SCALE = 1:100

LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
- FENCE (REF ARCH)
- GR PEDESTRIAN GUARDRAIL (REF ARCH)
- VEHICLE GUARDRAILS

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

PARKING COUNTS
STANDARD PARKING - 1,426 SPACES
ADA PARKING - 41 SPACES

!!! CAUTION !!!

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Bid Package 2
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STATE OF TEXAS
DAVID P SMITH
56239
REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director
Approver
Designer
Designer
Proj. Arch.
Checker

Drawn By
Author
Quality Control

PROJECT NO.

23-134.00

SHEET TITLE

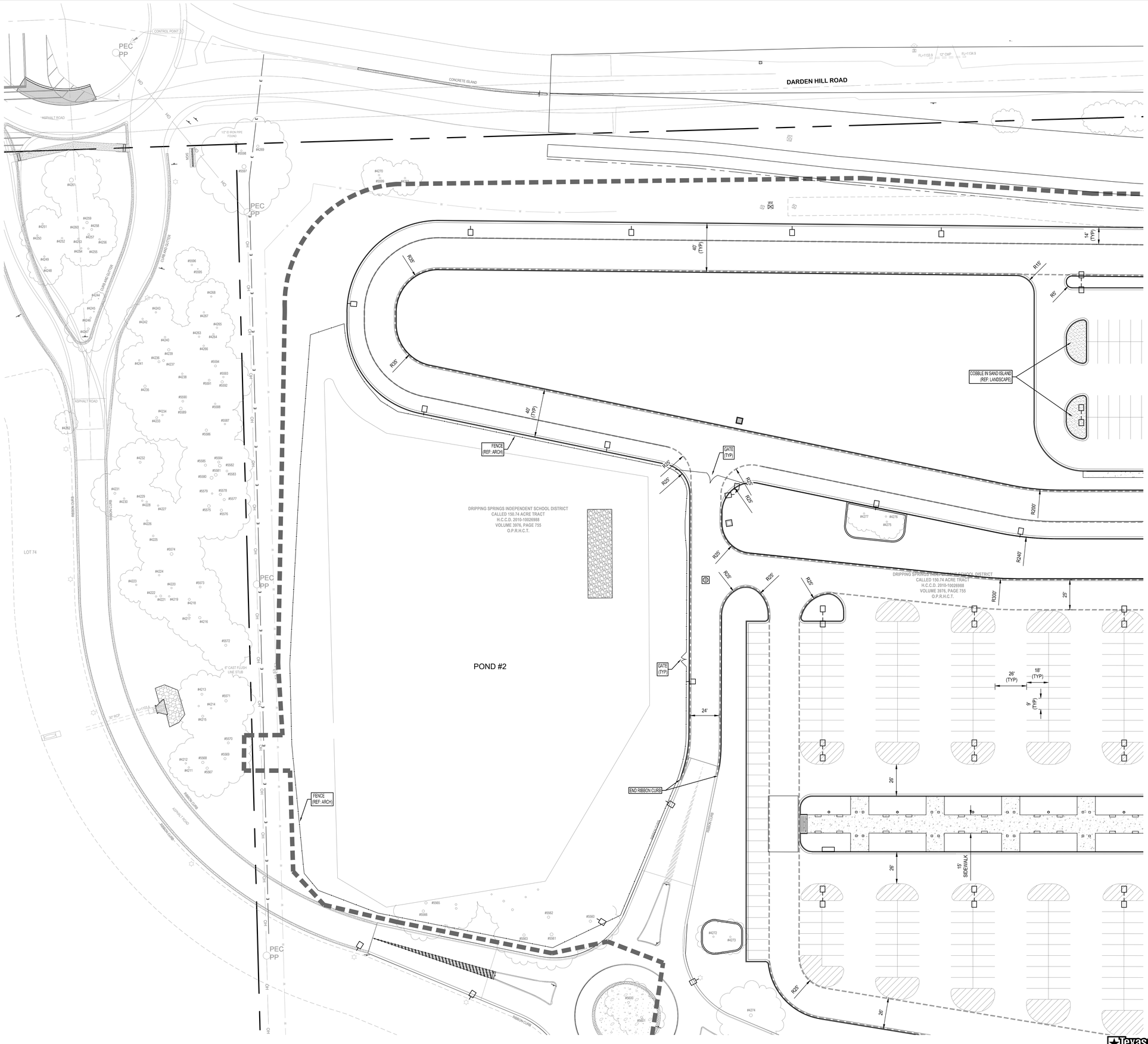
OVERALL SITE PLAN

SHEET NO.

C5.0

DRIPPING SPRINGS HS No.2

Drawing Path: G:\Projects\3-008995\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_SITE PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:03:55 AM Layout: OVERALL SITE PLAN Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), 1:100



N
W E
S

GRAPHIC SCALE

30 0 15 30 60

(IN FEET)

SCALE = 1:30

LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
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- PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
- FIRE LANE
- FENCE (REF ARCH)
- GR PEDESTRIAN GUARDRAIL (REF ARCH)
- VEHICLE GUARDRAILS

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

!!! CAUTION !!!

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Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

23-134.00

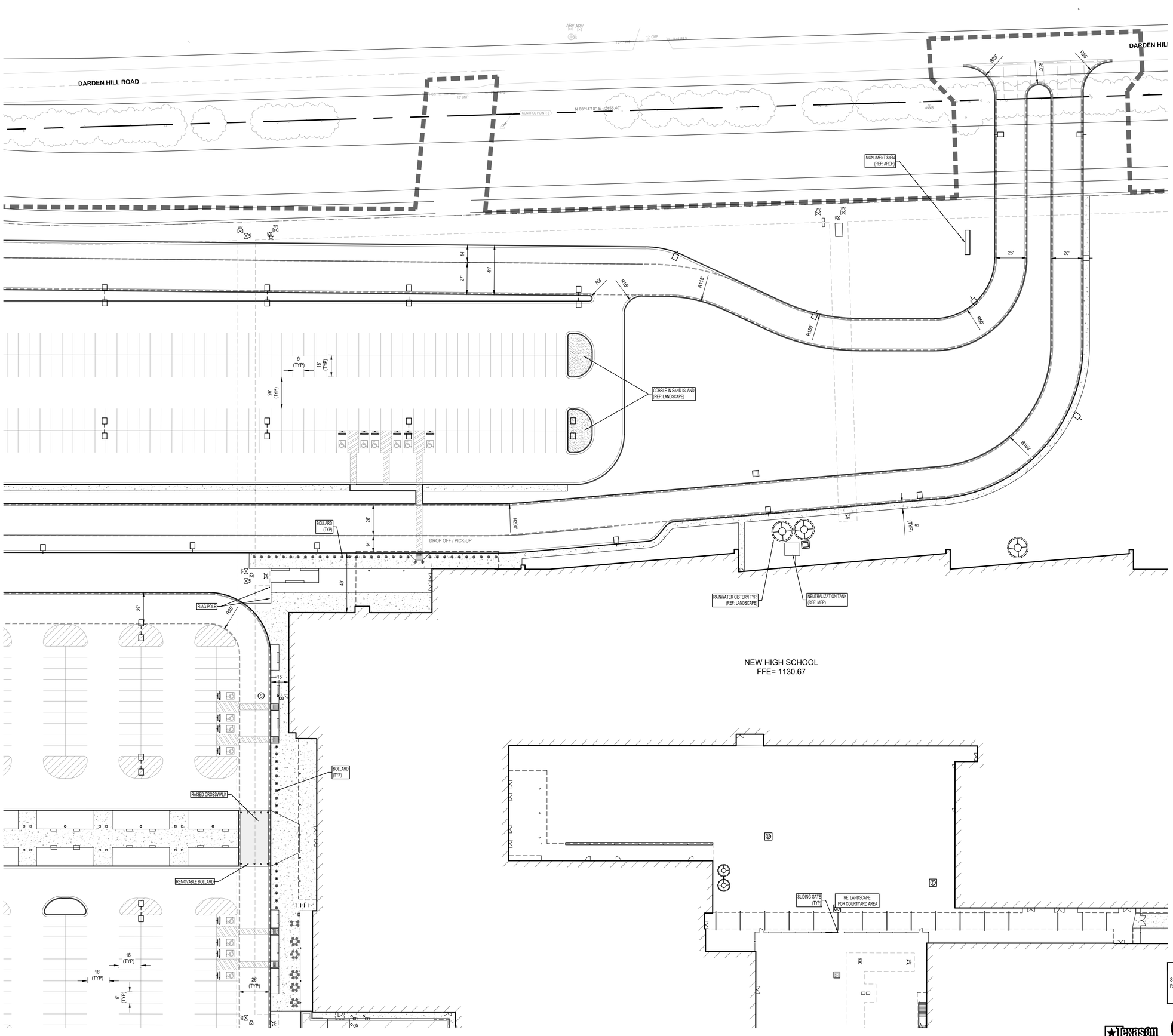
SHEET TITLE

SITE PLAN - SECTION 1

SHEET NO.

C5.1

Drawing Path: G:\Projects\3-00899\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_SITE PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:03:15 AM Layout: SITE PLAN - SECTION 1 Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), 1:30



LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
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- VEHICLE GUARDRAILS

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

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Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.
23-134.00

SHEET TITLE
SITE PLAN - SECTION 2

SHEET NO.
C5.2

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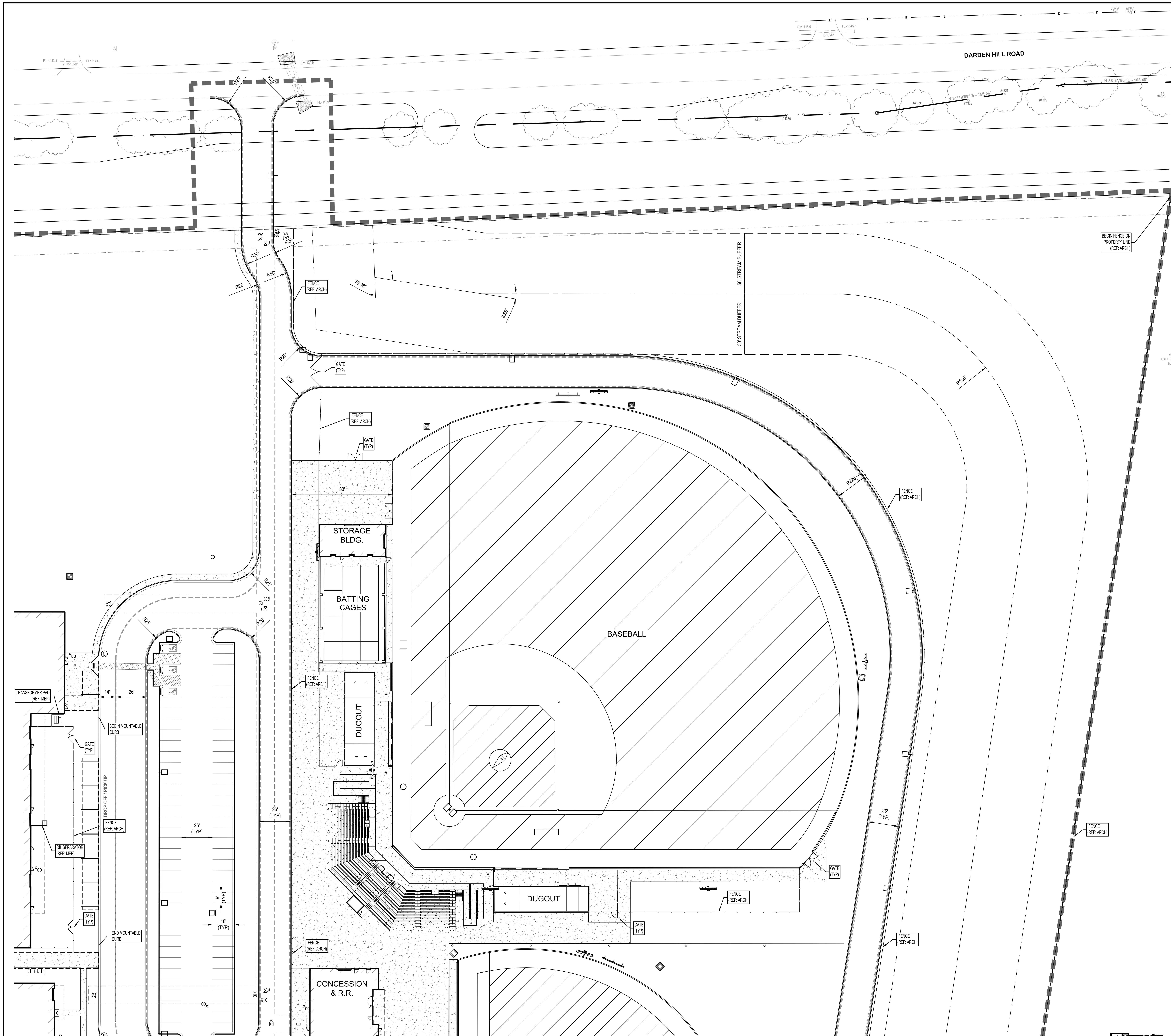

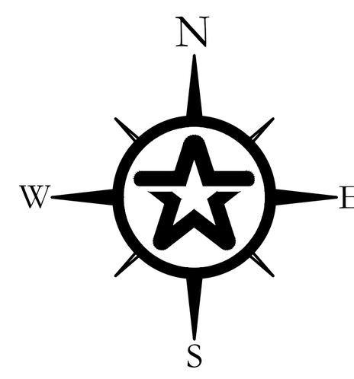

GRAPHIC SCALE

30 0 15 30 60

(IN FEET)
SCALE = 1:30

LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK — PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- FIRE LANE — PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
- FENCE (REF:ARCH)
- GR — PEDESTRIAN GUARDRAIL (REF:ARCH)
- VEHICLE GUARDRAILS

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

!!! 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.

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STATE OF TEXAS
DAVID P SMITH
56239
REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.
23-134.00

SHEET TITLE
SITE PLAN - SECTION 3

SHEET NO.
C5.3

LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK — PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- FIRE LANE — PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
- FENCE (REF ARCH)
- GR — PEDESTRIAN GUARDRAIL (REF ARCH)
- VEHICLE GUARDRAILS

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 — EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

!!! CAUTION !!!

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

!!! WARNING !!!

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Revision No.	Revision Date

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Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.
23-134.00

SHEET TITLE
SITE PLAN - SECTION 4

SHEET NO.
C5.4

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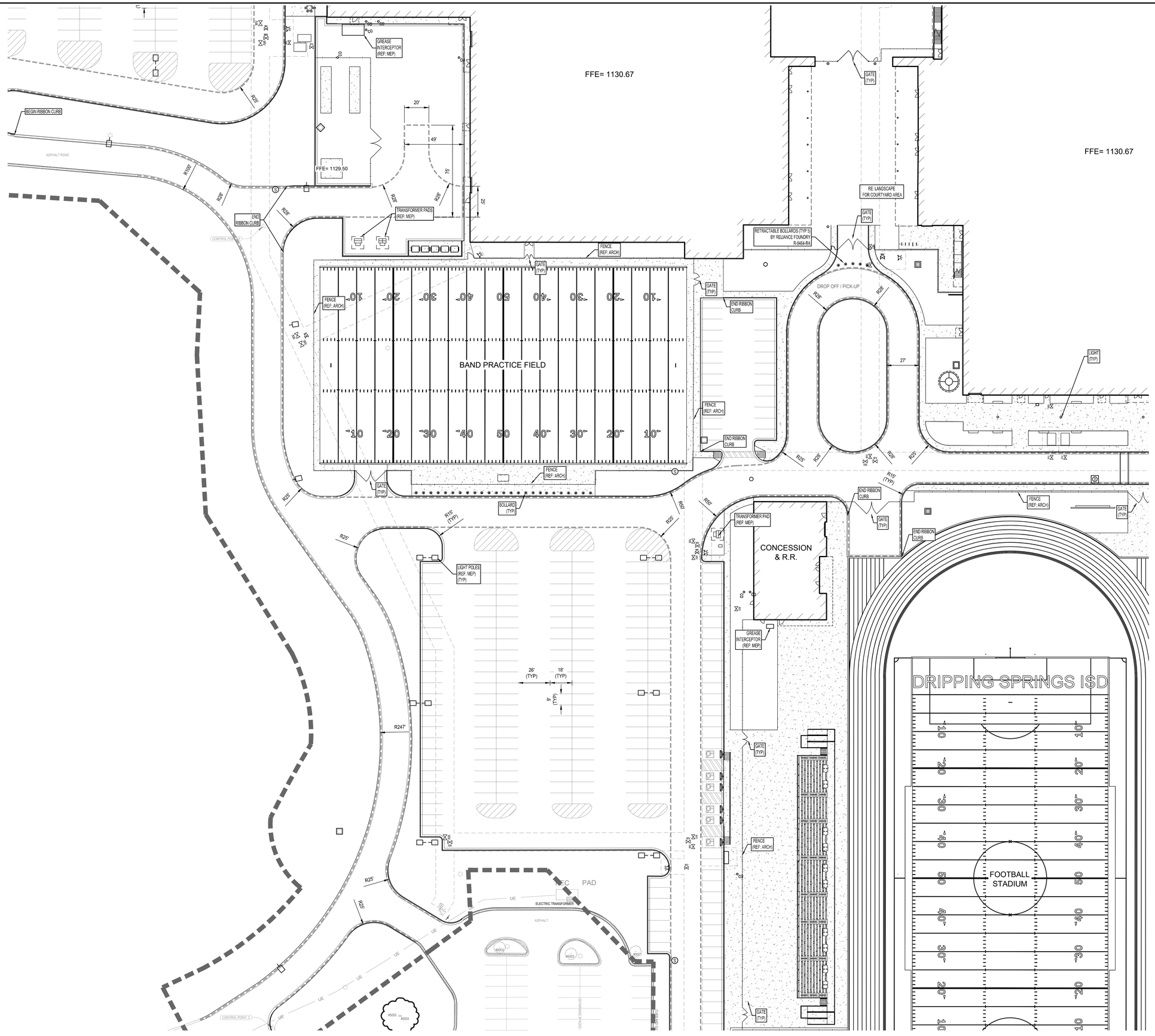

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GRAPHIC SCALE

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(IN FEET)

SCALE = 1:30

LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- FIRE LANE PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
- FENCE (REF ARCH)
- GR PEDESTRIAN GUARDRAIL (REF ARCH)
- VEHICLE GUARDRAILS

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

!!! CAUTION !!!

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

!!! WARNING !!!

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REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
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Designer	
Proj. Arch.	
Checker	

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23-134.00

SHEET TITLE

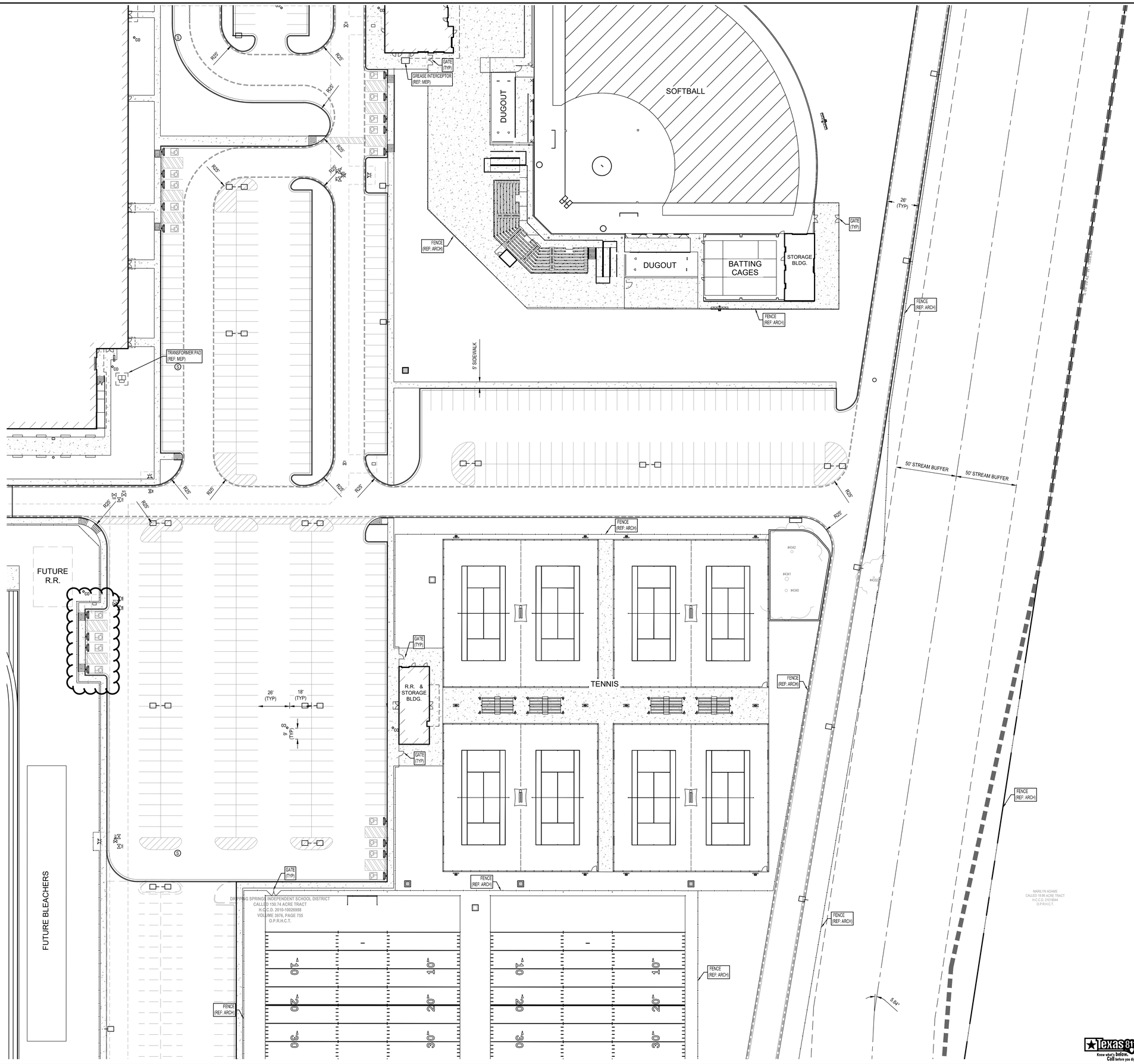
SITE PLAN - SECTION 5

SHEET NO.

C5.5

DRIPPING SPRINGS HS No.2

Drawing Path: G:\Projects\3-00895\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_SITE PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:03:56 AM Layout: SITE PLAN - SECTION 5 Page Size: ARCH full bleed E1 (30.00 x 42.00 inches), 1:30.0003



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GRAPHIC SCALE

30 0 15 30 60

(IN FEET)

SCALE = 1:30

LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK — PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- FIRE LANE — PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
- FENCE (REF ARCH)
- GR — PEDESTRIAN GUARDRAIL (REF ARCH)
- VEHICLE GUARDRAILS

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 — EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

!!! CAUTION !!!

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

!!! WARNING !!!

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REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

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23-134.00

SHEET TITLE

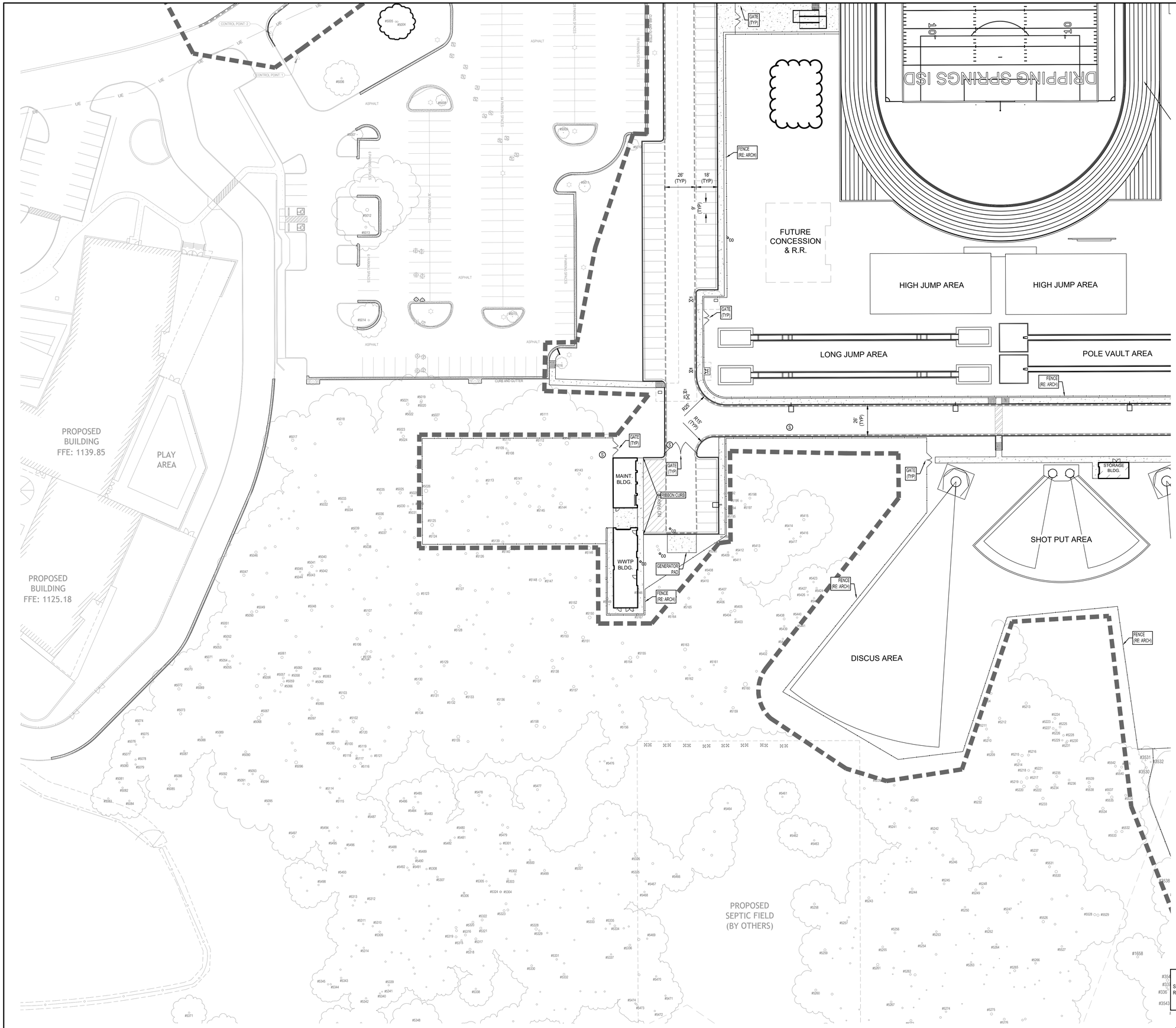
SITE PLAN - SECTION 6

SHEET NO.

C5.6

DRIPPING SPRINGS HS No.2

Drawing Path: G:\Projects\3-008995\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_SITE PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:04:06 AM Layout: SITE PLAN - SECTION 6 Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches); 1:30.0003



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GRAPHIC SCALE

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(IN FEET)

SCALE = 1:30

LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- FIRE LANE PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
- FENCE (REF ARCH)
- GR PEDESTRIAN GUARDRAIL (REF ARCH)
- VEHICLE GUARDRAILS

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

!! CAUTION !!

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

!! WARNING !!

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REGISTERED PROFESSIONAL ENGINEER
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Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

23-134.00

SHEET TITLE

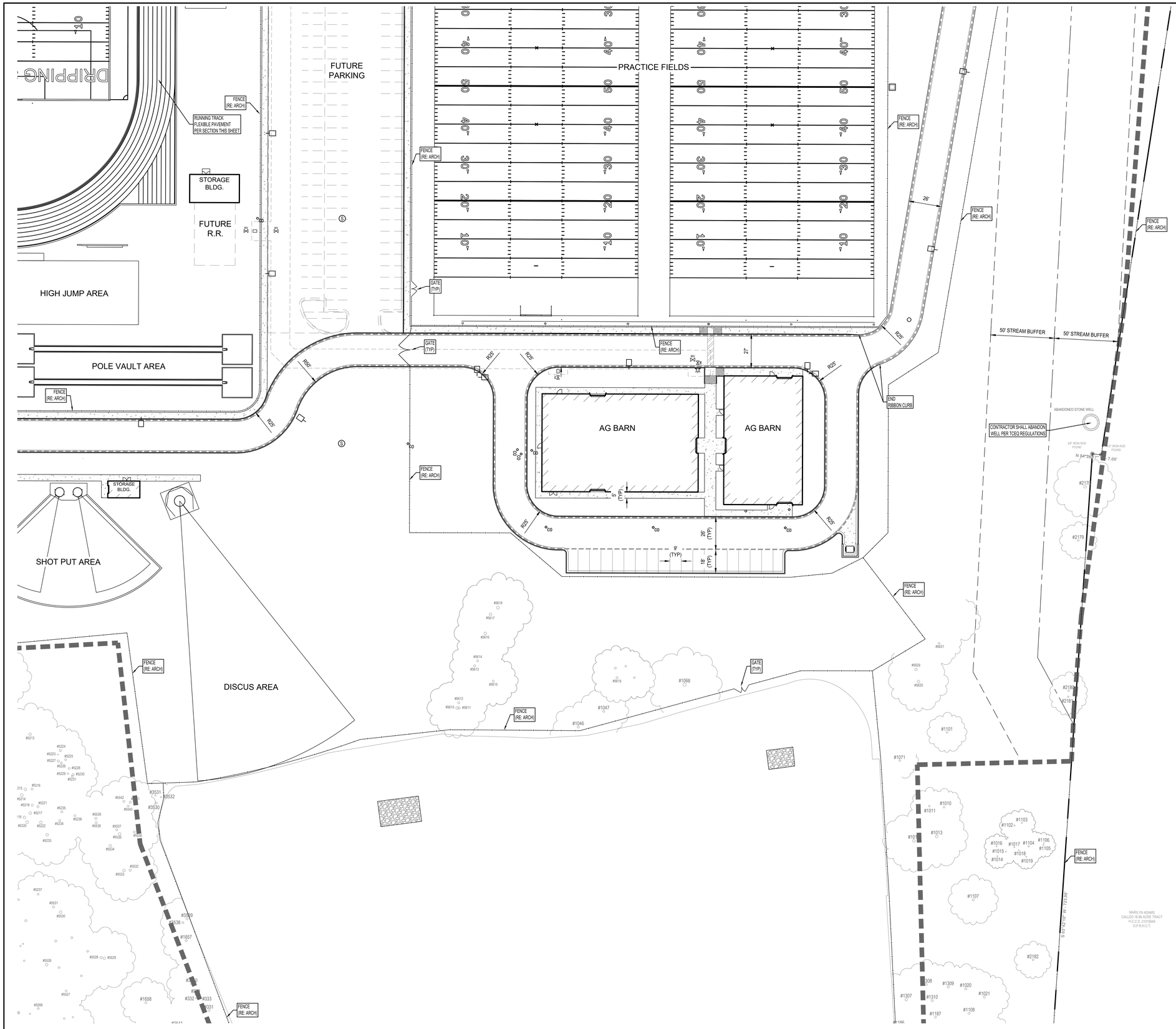
SITE PLAN - SECTION 7

SHEET NO.

C5.7

DRIPPING SPRINGS HS No.2

Drawing Path: G:\Projects\3-008991\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_SITE PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:04:16 AM Layout: SITE PLAN - SECTION 7 Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches); 1:30



GRAPHIC SCALE

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(IN FEET)

SCALE = 1:30

LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
- FIRE LANE
- FENCE (REF ARCH)
- GR PEDESTRIAN GUARDRAIL (REF ARCH)
- VEHICLE GUARDRAILS

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

!!! CAUTION !!!

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

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REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

23-134.00

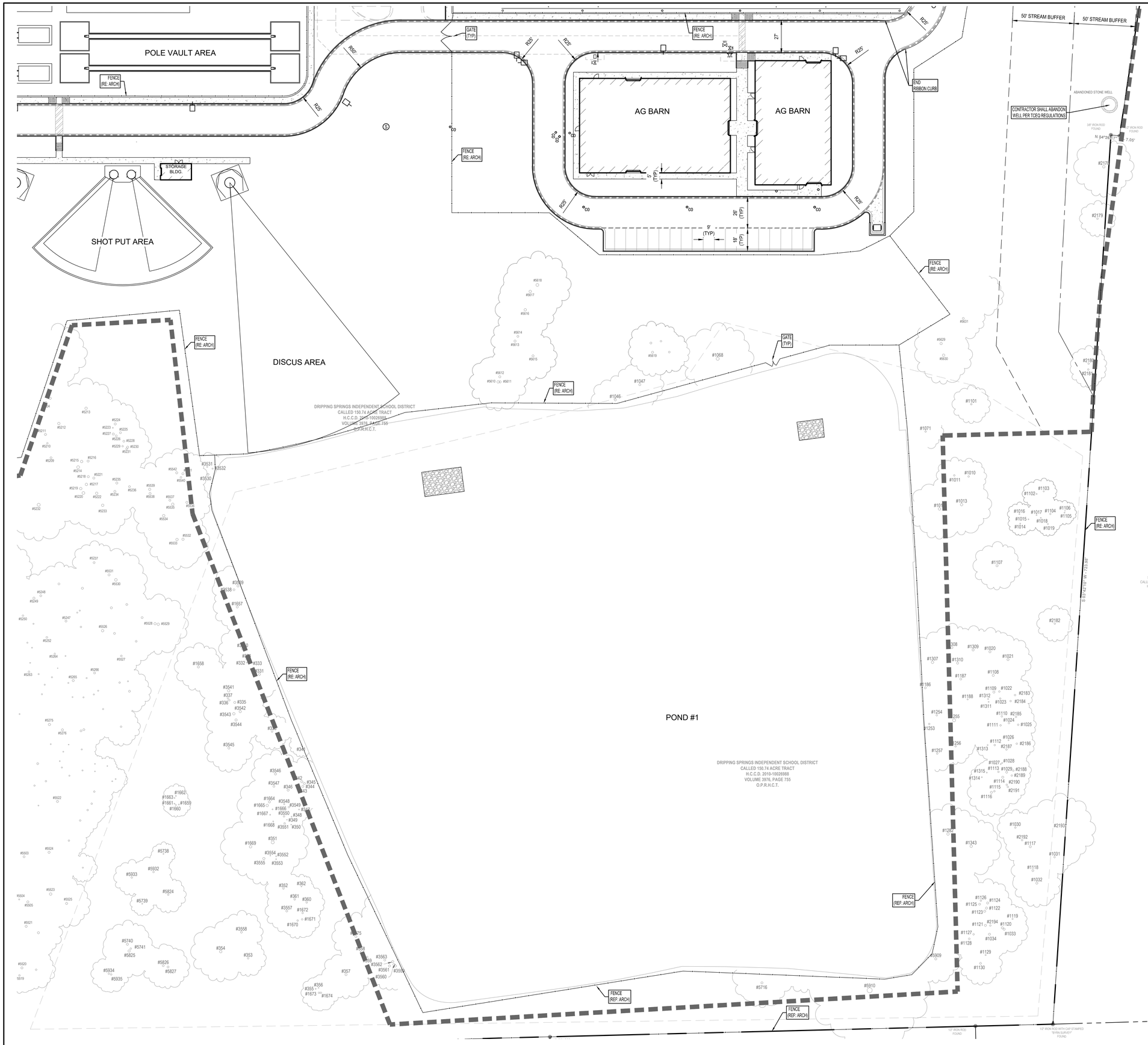
SHEET TITLE

SITE PLAN - SECTION 8

SHEET NO.

C5.8

Drawing Path: G:\Projects\3-008950 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_SITE PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:50:49 AM Layout: SITE PLAN - SECTION 8 Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches); 1:30



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GRAPHIC SCALE

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(IN FEET)

SCALE = 1:30

LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK — PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- FIRE LANE — PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
- FENCE (REF ARCH)
- GR — PEDESTRIAN GUARDRAIL (REF ARCH)
- VEHICLE GUARDRAILS

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 — EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

!!! CAUTION !!!

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

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56239
REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

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Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

23-134.00

SHEET TITLE

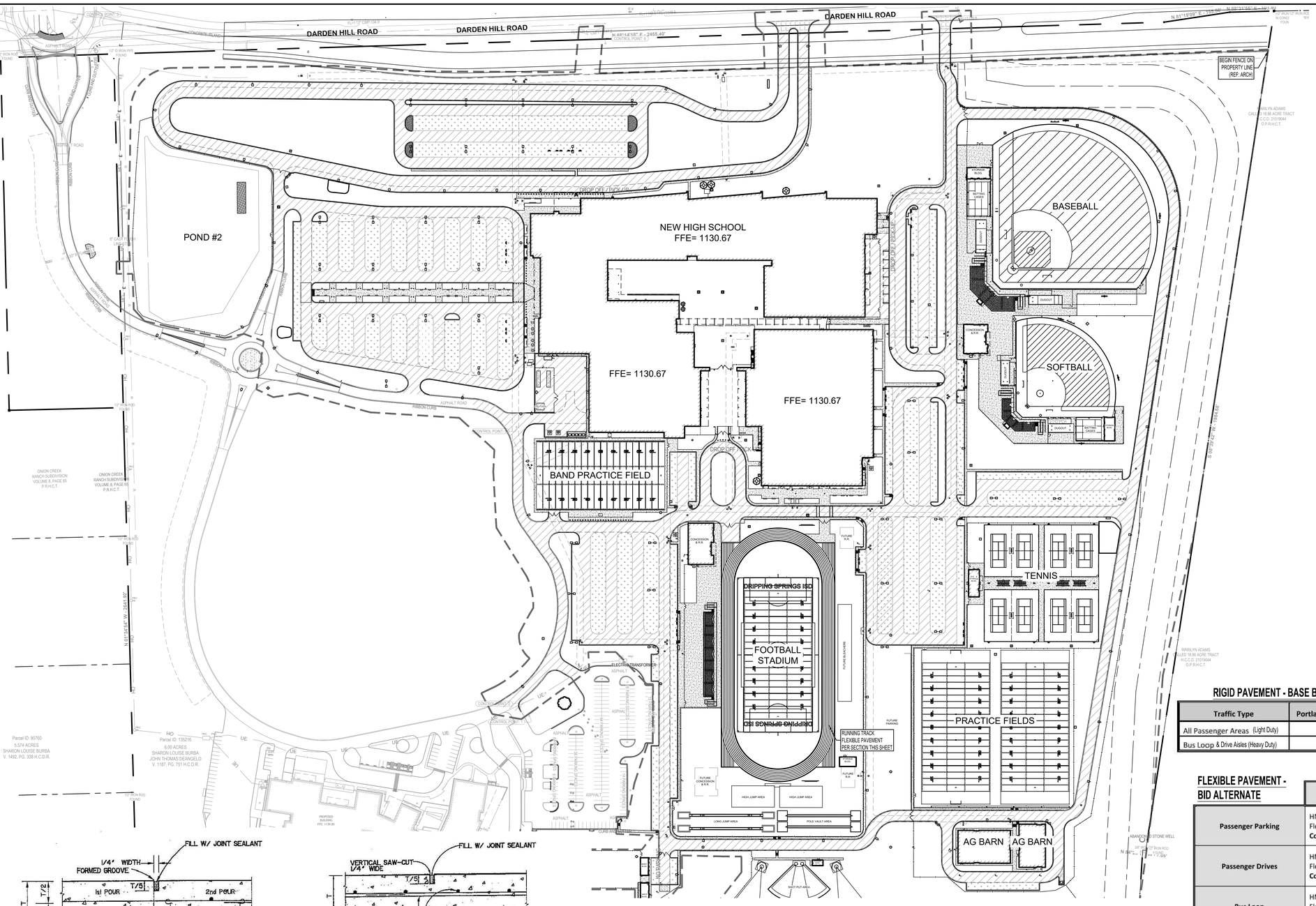
SITE PLAN - SECTION 9

SHEET NO.

C5.9

DRIPPING SPRINGS HS No.2

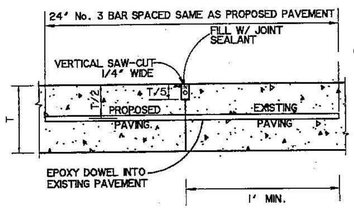
Drawing Path: G:\Projects\3-006895\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_SITE PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:04:36 AM Layout: SITE PLAN - SECTION 9 Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), 1:30.0003



CONSTRUCTION JOINT
N.T.S.

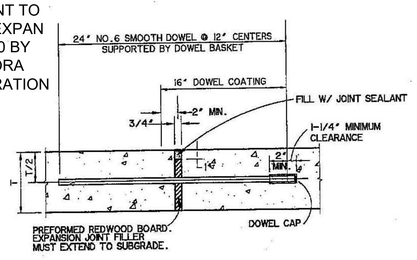
SAWED CONTRACTION JOINT
N.T.S.

1. T=PAVEMENT THICKNESS
2. THE CONSTRUCTION JOINT IS TO BE USED BETWEEN SEPARATE POURS OF PROPOSED PAVEMENT. NOTE THAT IT REQUIRES REINFORCEMENT TO BE EXTENDED THROUGH THE FORM TO TIE TO THE NEXT POUR. THE BUTT JOINT IS TO BE USED BETWEEN EXISTING CONCRETE PAVEMENT (STREET OR DRIVEWAY) AND PROPOSED PAVEMENT, UNLESS AN EXPANSION JOINT IS CALLED FOR.

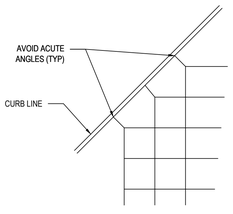


BUTT JOINT
N.T.S.

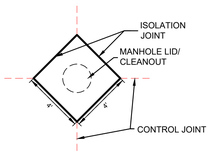
SEALANT TO BE: UREXPAN NR-200 BY PECORA CORPORATION



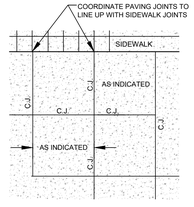
EXPANSION JOINT
N.T.S.



TYPICAL JOINT LAYOUT
N.T.S.



PLAN-TYP. MANHOLE/CLEANOUT LID JOINTS



PLAN - TYP. CONC. PAVING
N.T.S.

RIGID PAVEMENT - BASE BID

Traffic Type	Portland Cement Concrete	Flexible Base
All Passenger Areas (Light Duty)	5 in.	4 in.
Bus Loop & Drive Aisles (Heavy Duty)	7 in.	4 in.

FLEXIBLE PAVEMENT - BID ALTERNATE

	Layer Description	Layer Thickness
Passenger Parking	HMAC Surface Course, Type "D" Flexible Base **Combined Total**	2.0 in. 8.0 in. **10.0 in.**
Passenger Drives	HMAC Surface Course, Type "D" Flexible Base **Combined Total**	2.5 in. 9.0 in. **11.5 in.**
Bus Loop	HMAC Surface Course, Type "D" Flexible Base **Combined Total**	3.5 in. 10.0 in. **13.5 in.**

FLEXIBLE PAVEMENT - BASE BID

	Layer Description	Minimum Layer Thickness
Running Track	HMAC Surface Course, Type "D" Flexible Base **Combined Total**	1.5 in. 6.0 in. **7.5 in.**

GRAPHIC SCALE
100 0 50 100 200
(IN FEET)
SCALE = 1:100

LEGEND
- HEAVY DUTY PAVEMENT
- LIGHT DUTY PAVEMENT
- TYPE II DRIVEWAY (COA DETAIL 433S-2)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

!!! CAUTION !!!
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!!! WARNING !!!
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DRIPPING SPRINGS, TEXAS

Bid Package 2
Issue For Permitting, Bidding and Construction

DAVID P SMITH 56239 REGISTERED PROFESSIONAL ENGINEER STATE OF TEXAS
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director
Approver
Designer
Designer
Proj. Arch.
Checker
Drawn By
Author
Quality Control

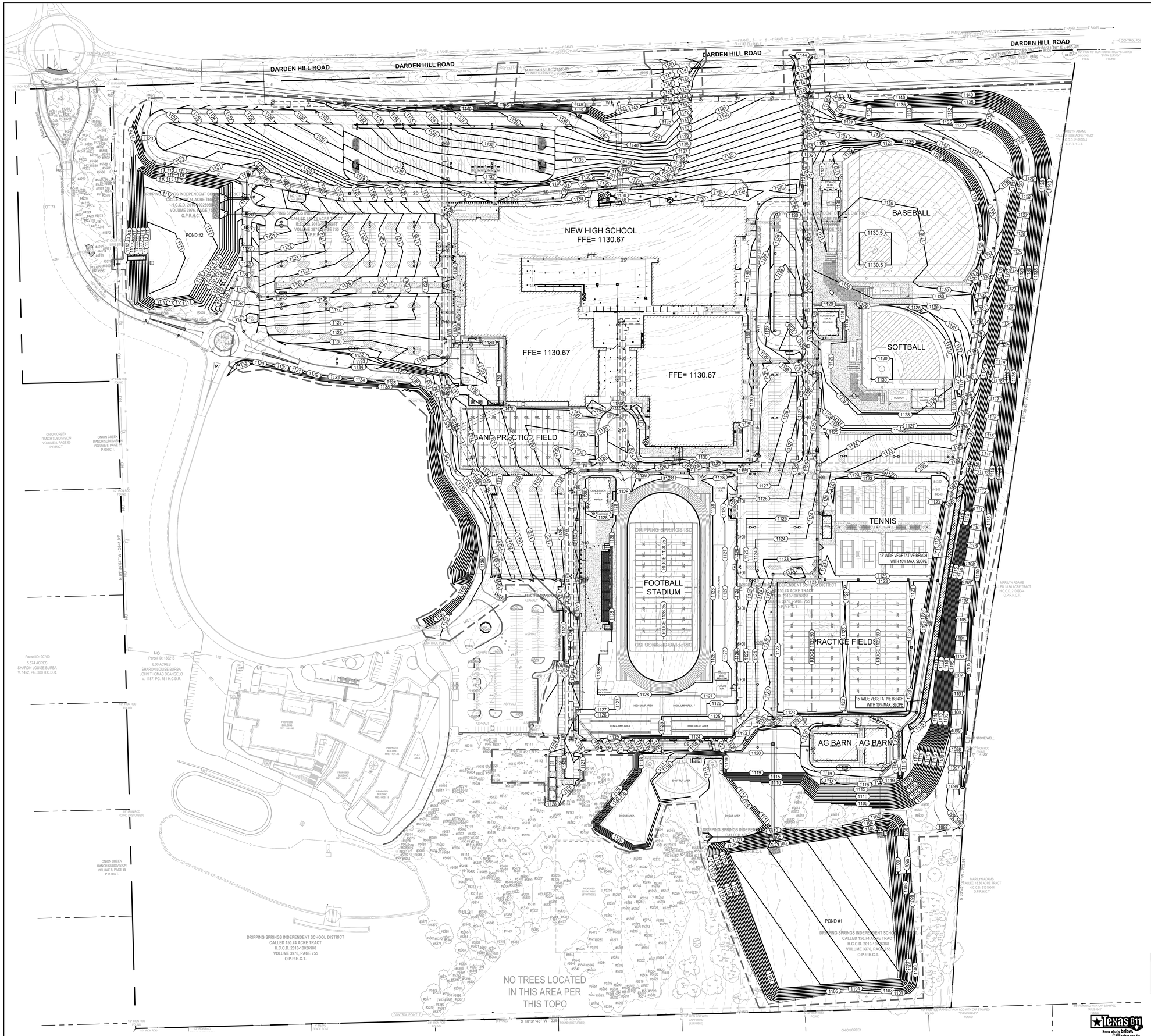
PROJECT NO.
23-134.00

SHEET TITLE
PAVEMENT PLAN

SHEET NO.
C5.10

DRIPPING SPRINGS HS No.2

Drawing Path: G:\Projects\3-008950\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_SITE PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 11:00:07 AM Layout: PAVEMENT PLAN Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), 1:100



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GRAPHIC SCALE

100 0 50 100 200

(IN FEET)

SCALE =1:100

LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- FIRE LANE PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
- FENCE (REF ARCH)
- GR PEDESTRIAN GUARDRAIL (REF ARCH)
- VEHICLE GUARDRAILS
- 100 PROPOSED CONTOURS
- 100 PROPOSED SPOT GRADES
- 100 PROPOSED CONTOURS - MAJOR
- 101 PROPOSED CONTOURS - MINOR

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

!!! CAUTION !!!

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STATE OF TEXAS
DAVID P SMITH
56239
REGISTERED PROFESSIONAL ENGINEER
7-29-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

23-134.00

SHEET TITLE

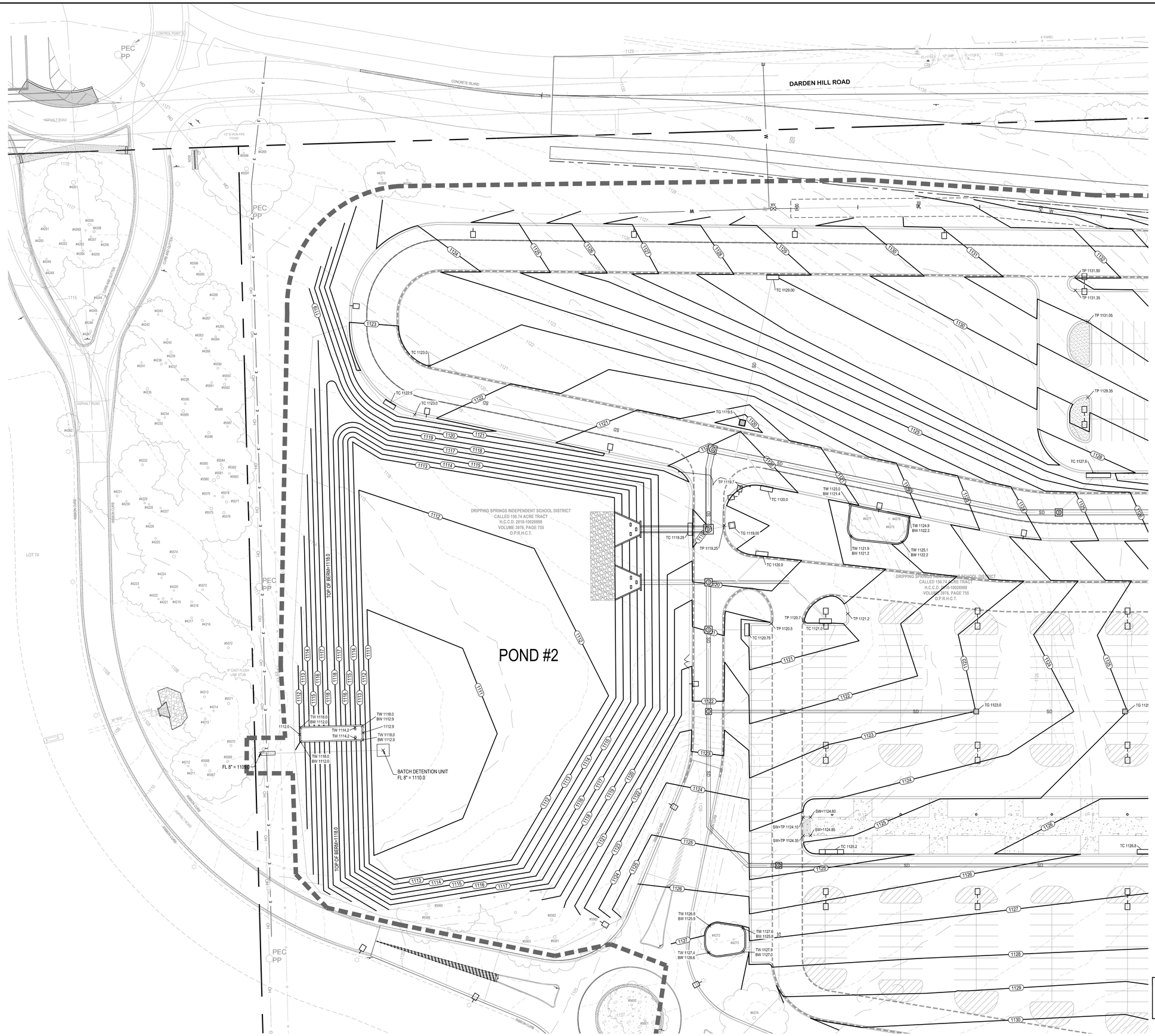
OVERALL GRADING PLAN

SHEET NO.

C6.0

DRIPPING SPRINGS HS No.2

Drawing Path: G:\Projects\3-008952 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_GRADING PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:05:39 AM Layout: OVERALL GRADING PLAN Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches); 1:100



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W E
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GRAPHIC SCALE
30 0 15 30 60
(IN FEET)
SCALE = 1:30

LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
- FENCE (REF ARCH)
- GR PEDESTRIAN GUARDRAIL (REF ARCH)
- VEHICLE GUARDRAILS
- 100 PROPOSED CONTOURS
- 100 PROPOSED SPOT GRADES
- 100 PROPOSED CONTOURS - MAJOR
- 101 PROPOSED CONTOURS - MINOR

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 EXISTING TREE (TO REMAIN)

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7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

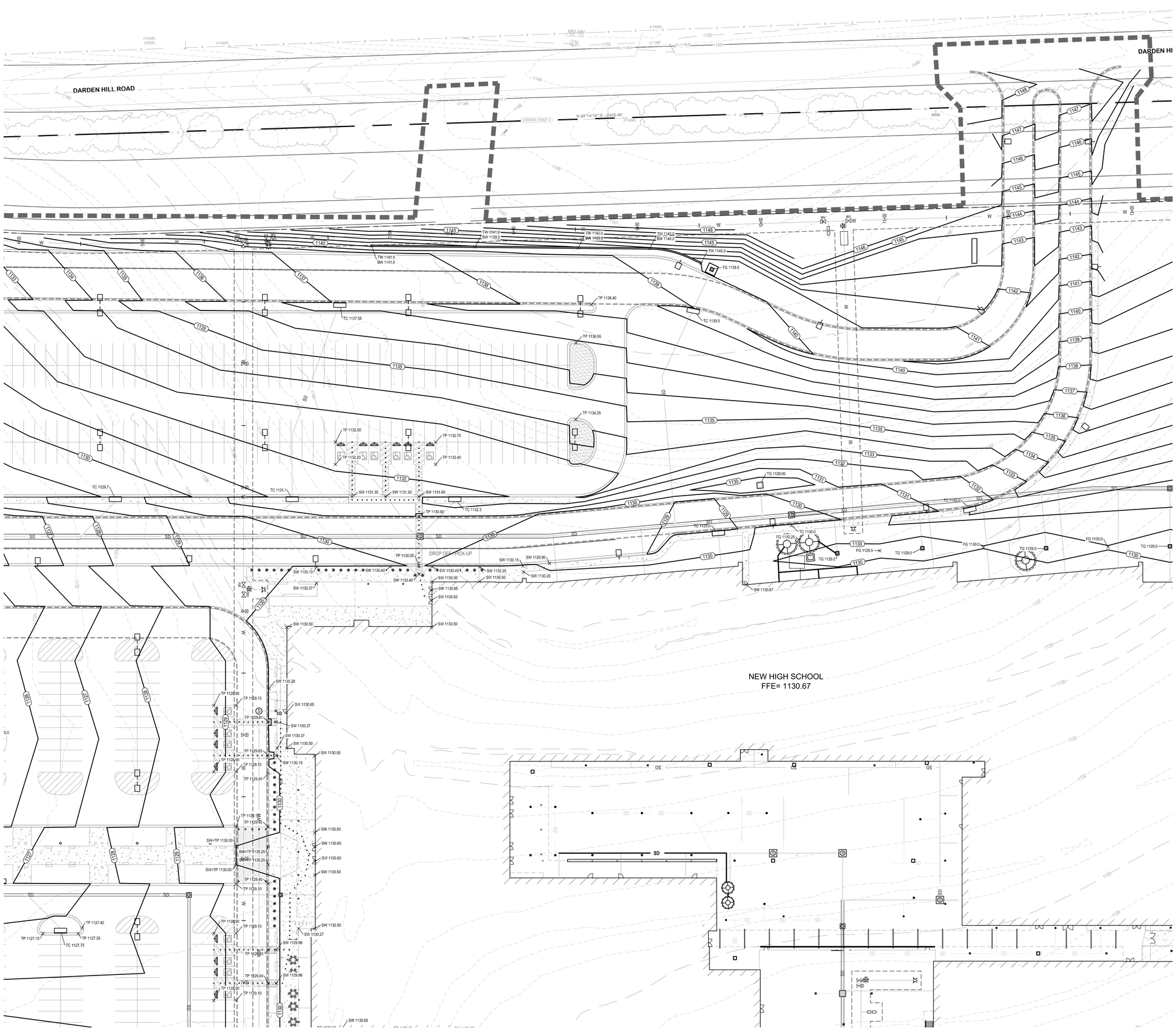
Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.
23-134.00

SHEET TITLE
GRADING PLAN - SECTION 1

SHEET NO.
C6.1

Drawing Path: G:\Projects\3-008955\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_GRADING PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:05:51 AM Layout: GRADING PLAN - SECTION 1 Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), ##########



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GRAPHIC SCALE

30 0 15 30 60

(IN FEET)

SCALE = 1:30

LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- FIRE LANE PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
- FENCE (REF ARCH)
- GR PEDESTRIAN GUARDRAIL (REF ARCH)
- VEHICLE GUARDRAILS
- 100 PROPOSED CONTOURS
- 100 PROPOSED SPOT GRADES
- 100 PROPOSED CONTOURS - MAJOR
- 101 PROPOSED CONTOURS - MINOR

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

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REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

23-134.00

SHEET TITLE

GRADING PLAN - SECTION 2

SHEET NO.

C6.2

DRIPPING SPRINGS HS No.2

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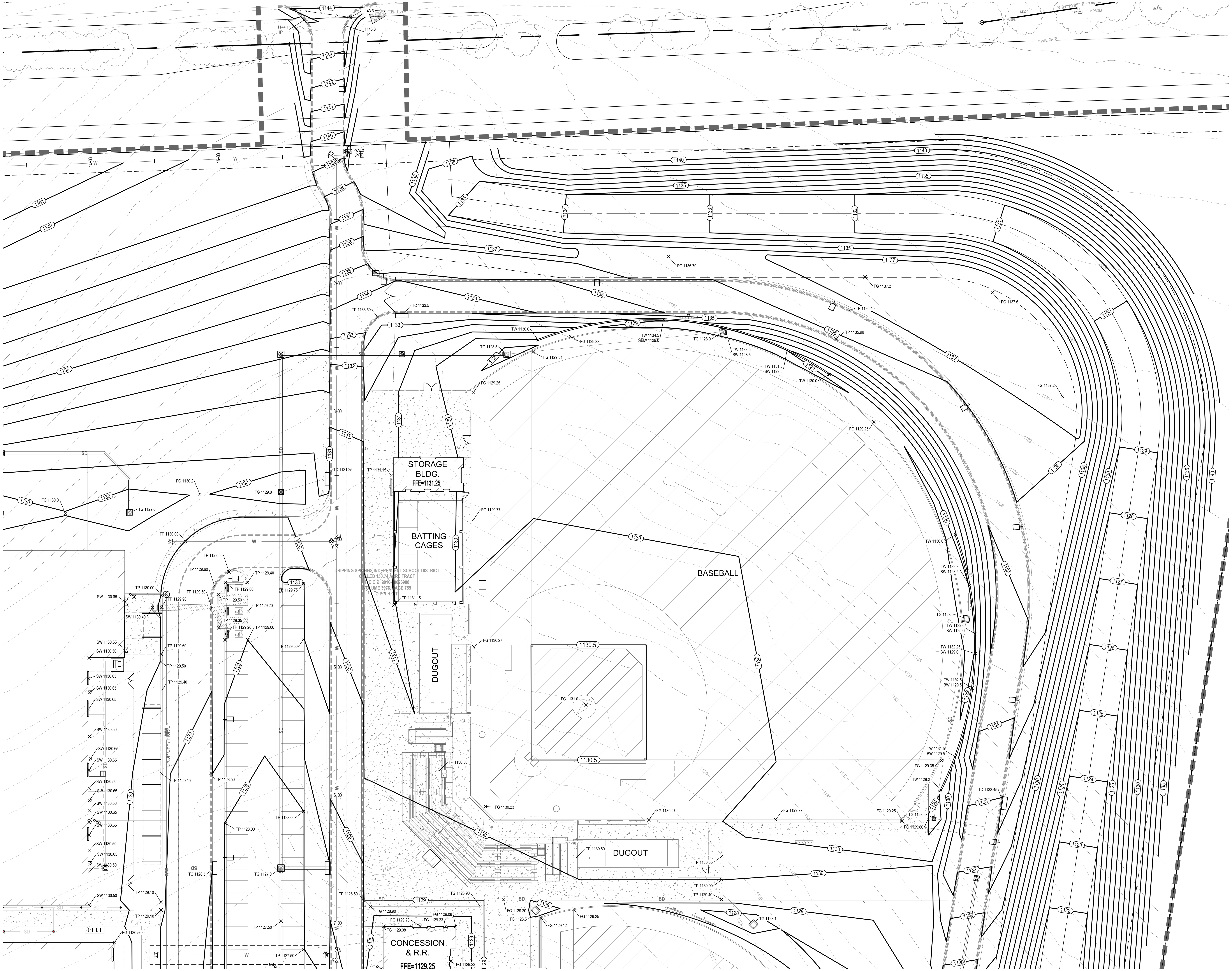

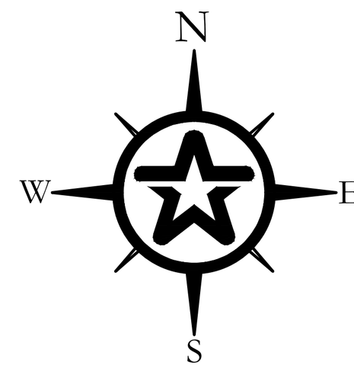

GRAPHIC SCALE

30 0 15 30 60

(IN FEET)
SCALE = 1:30

LEGEND

	PROPOSED ACCESSIBLE ROUTE
	PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
SDWK	PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
	L.O.C. (LIMITS OF CONSTRUCTION)
FIRE LANE	PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
	FENCE (REF:ARCH)
GR	PEDESTRIAN GUARDRAIL (REF:ARCH)
	VEHICLE GUARDRAILS
100	PROPOSED CONTOURS
+100	PROPOSED SPOT GRADES
100	PROPOSED CONTOURS - MAJOR
101	PROPOSED CONTOURS - MINOR

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

	PROPERTY LINE
	PROPERTY LINE (ADJACENT)
	EXISTING EASEMENT
100	EXISTING TREE (TO REMAIN)

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56239
REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

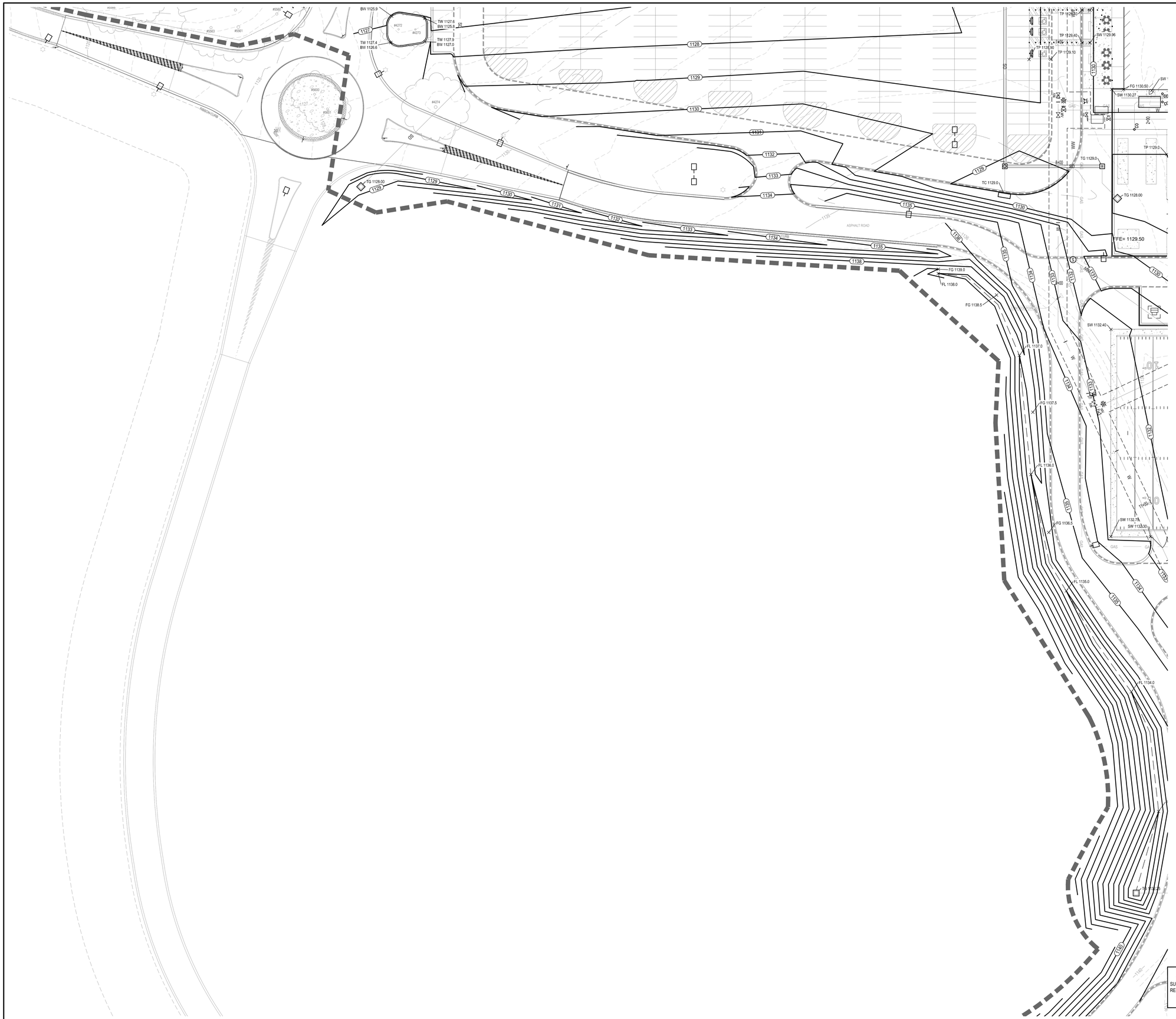
Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.
23-134.00

SHEET TITLE
GRADING PLAN - SECTION 3

SHEET NO.
C6.3



GRAPHIC SCALE

30 0 15 30 60

(IN FEET)

SCALE = 1:30

LEGEND

	PROPOSED ACCESSIBLE ROUTE
	PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
SDWK	PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
	L.O.C. (LIMITS OF CONSTRUCTION)
FIRE LANE	PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
	FENCE (REF ARCH)
GR	PEDESTRIAN GUARDRAIL (REF ARCH)
	VEHICLE GUARDRAILS
100	PROPOSED CONTOURS
100	PROPOSED SPOT GRADES
100	PROPOSED CONTOURS - MAJOR
101	PROPOSED CONTOURS - MINOR

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

PROPERTY LINE
PROPERTY LINE (ADJACENT)
EXISTING EASEMENT
100 EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

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STATE OF TEXAS
DAVID P. SMITH
56239
REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

23-134.00

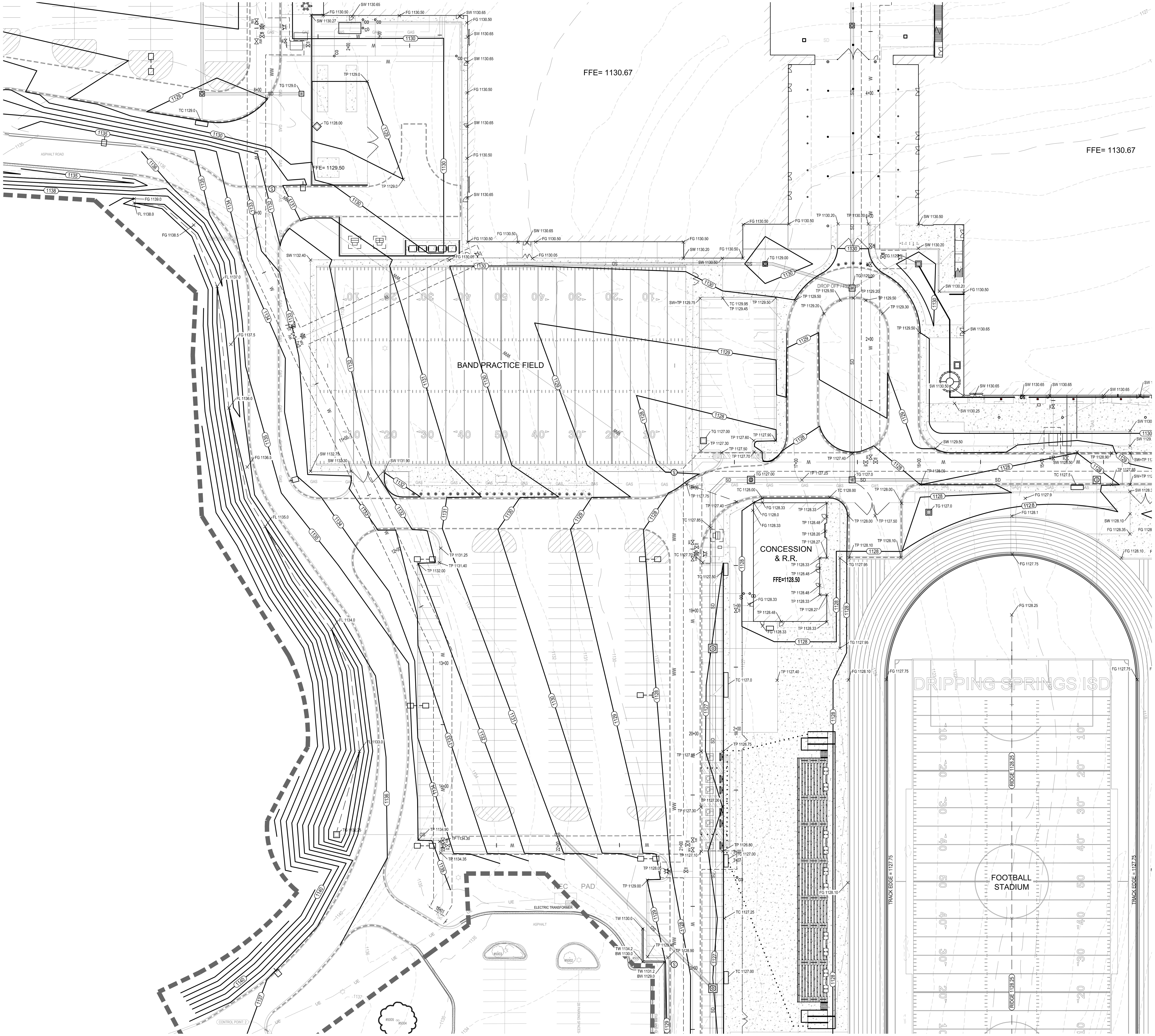
SHEET TITLE

GRADING PLAN - SECTION 4

SHEET NO.

C6.4

Drawing Path: G:\Projects\3-00899\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_GRADING PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:06:26 AM Layout: GRADING PLAN - SECTION 4 Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), ########



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GRAPHIC SCALE

30 0 15 30 60

(IN FEET)
SCALE = 1:30

LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK — PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- FIRE LANE — PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
- FENCE (REF:ARCH)
- GR — PEDESTRIAN GUARDRAIL (REF:ARCH)
- VEHICLE GUARDRAILS
- 100 — PROPOSED CONTOURS
- +100 — PROPOSED SPOT GRADES
- 100 — PROPOSED CONTOURS - MAJOR
- 101 — PROPOSED CONTOURS - MINOR

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

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DRIPPING SPRINGS ISD
DRIPPING SPRINGS, TEXAS

DRIPPING SPRINGS HS No.2

Bid Package 2
Issue For Permitting, Bidding and Construction

STATE OF TEXAS
DAVID P SMITH
56239
REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.
23-134.00

SHEET TITLE
GRADING PLAN - SECTION 5

SHEET NO.
C6.5

SOFTBALL

DUGOUT

DUGOUT

BATTING CAGES

STORAGE BLDG.
FFE=1129.15

FFE=1129.30

FFE=1129.25

TENNIS

R.R. & STORAGE BLDG.
FFE=1124.00

FUTURE R.R.

FUTURE BLEACHERS

15' WIDE VEGETATIVE BENCH WITH 10% MAX. SLOPE

DRIPPING SPRINGS INDEPENDENT SCHOOL DISTRICT
A.L.LED 150.74 ACRE TRACT
H.C.C.D. 2010-10026988
VOLUME 3976, PAGE 755
O.P.R.H.C.T.

MARILYN ADAMS
CALLED 18.86 ACRE TRACT
H.C.C.D. 21019044
O.P.R.H.C.T.

GRAPHIC SCALE
30 0 15 30 60
(IN FEET)
SCALE = 1:30

LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
- FL FENCE (REF ARCH)
- GR PEDESTRIAN GUARDRAIL (REF ARCH)
- VEHICLE GUARDRAILS
- 100 PROPOSED CONTOURS
- 100 PROPOSED SPOT GRADES
- 100 PROPOSED CONTOURS - MAJOR
- 101 PROPOSED CONTOURS - MINOR

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

!!! 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.

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7-29-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

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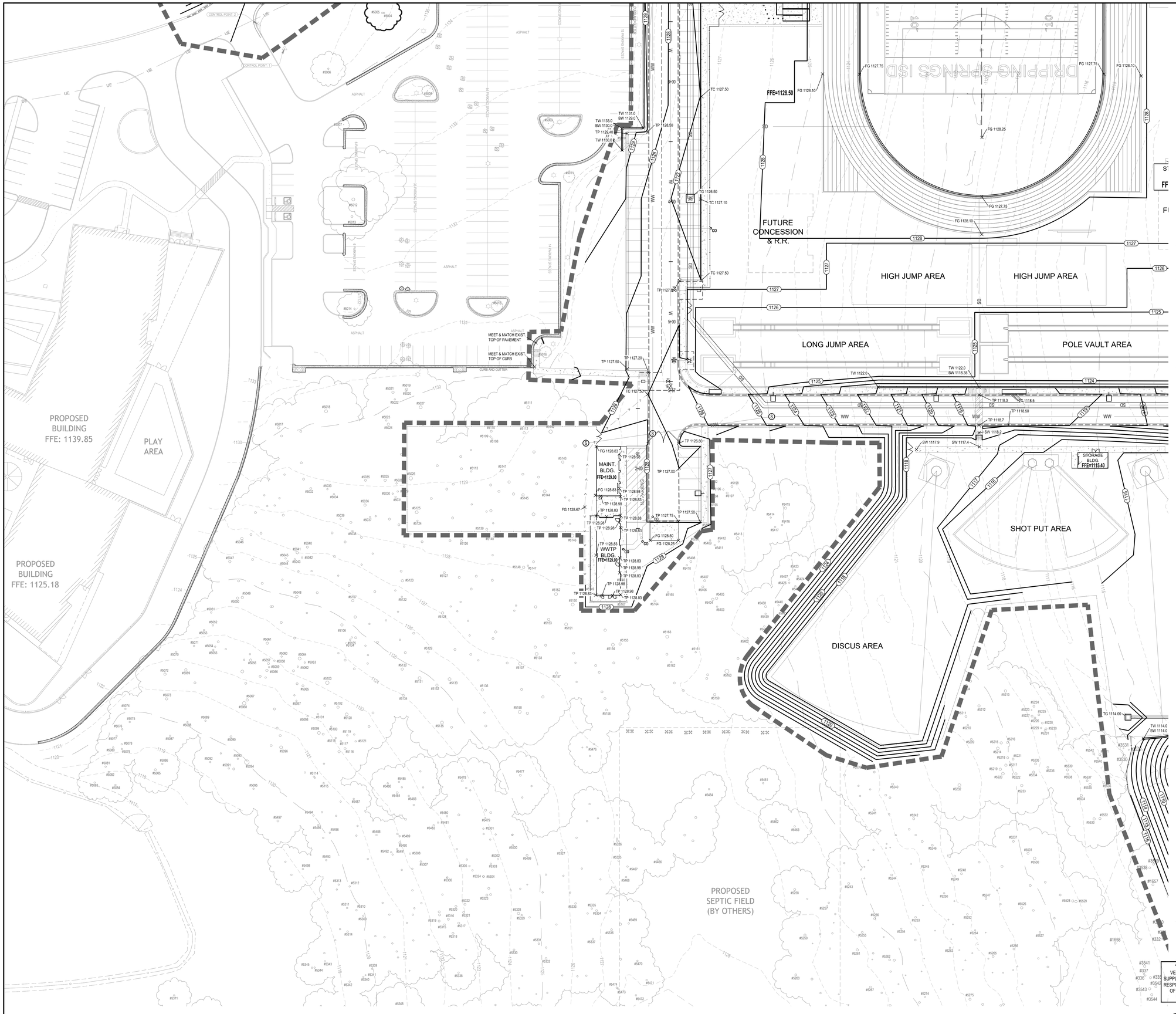
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.
23-134.00

SHEET TITLE
GRADING PLAN - SECTION 6

SHEET NO.
C6.6

Drawing Path: G:\Projects\3-00695\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_GRADING PLAN.dwg Plotted By: David Smith Date: 7/28/2025 2:26:06 PM Layout: GRADING PLAN - SECTION 6 Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches). ####



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GRAPHIC SCALE
30 0 15 30 60
(IN FEET)
SCALE = 1:30

LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
- FENCE (REF ARCH)
- GR PEDESTRIAN GUARDRAIL (REF ARCH)
- VEHICLE GUARDRAILS
- 100 PROPOSED CONTOURS
- 100 PROPOSED SPOT GRADES
- 100 PROPOSED CONTOURS - MAJOR
- 101 PROPOSED CONTOURS - MINOR

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

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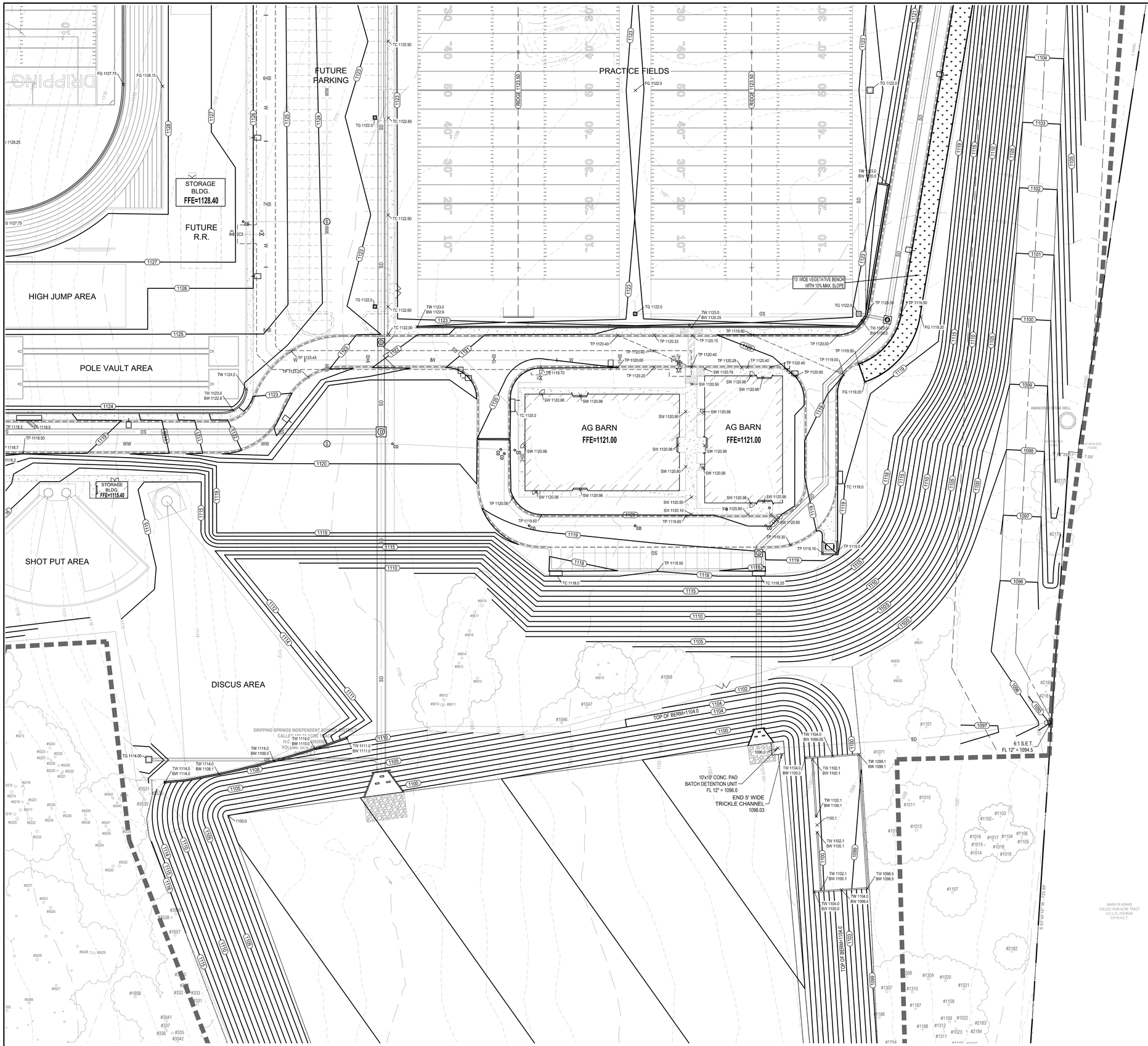
Designer	
Proj. Arch.	
Checker	

PROJECT NO.
23-134.00

SHEET TITLE
GRADING PLAN - SECTION 7

SHEET NO.
C6.7

Drawing Path: G:\Projects\3-008995\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_GRADING PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:07:01 AM Layout: GRADING PLAN - SECTION 7 Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), ####



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GRAPHIC SCALE

30 0 15 30 60

(IN FEET)

SCALE = 1:30

LEGEND

	PROPOSED ACCESSIBLE ROUTE
	PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
SDWK	PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
L.O.C.	L.O.C. (LIMITS OF CONSTRUCTION)
FIRE LANE	PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
	FENCE (REF ARCH)
GR	PEDESTRIAN GUARDRAIL (REF ARCH)
	VEHICLE GUARDRAILS
100	PROPOSED CONTOURS
100	PROPOSED SPOT GRADES
100	PROPOSED CONTOURS - MAJOR
101	PROPOSED CONTOURS - MINOR

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

PROPERTY LINE
PROPERTY LINE (ADJACENT)
EXISTING EASEMENT
100 EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

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7-24-2025

ISSUED: July 28, 2025

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Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

23-134.00

SHEET TITLE

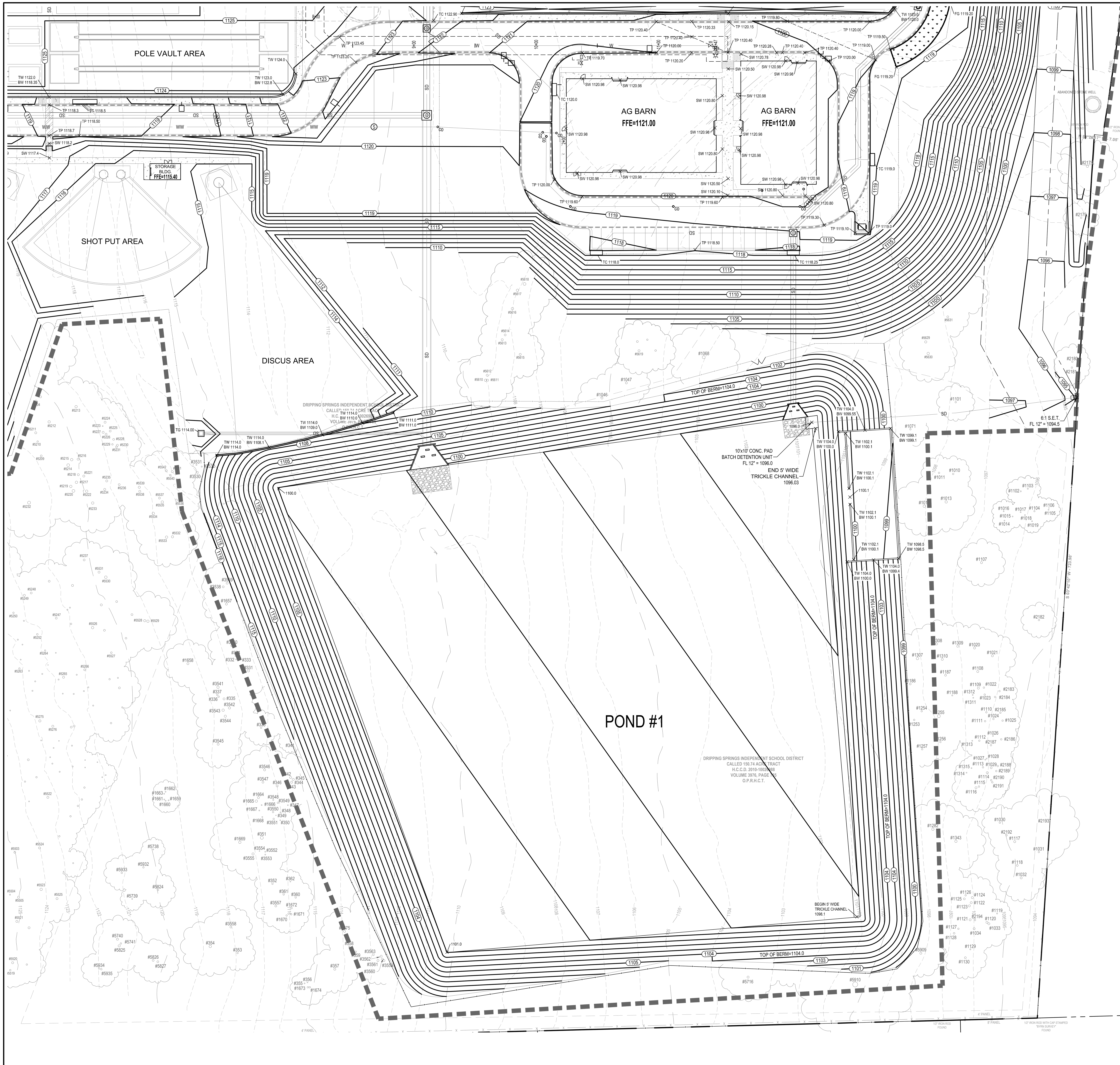
GRADING PLAN - SECTION 8

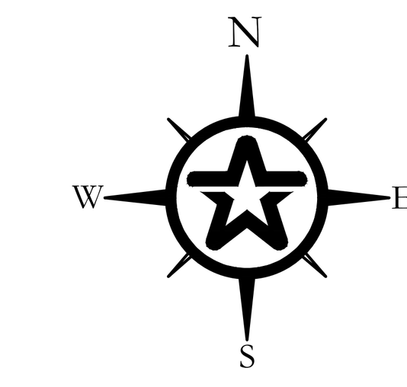
SHEET NO.

C6.8

DRIPPING SPRINGS HS No.2

Drawing Path: G:\Projects\3-00895\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_GRADING PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:07:13 AM Layout: GRADING PLAN - SECTION 8 Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), ####





GRAPHIC SCALE

30 0 15 30 60

(IN FEET)
SCALE = 1:30

LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK — PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- FIRE LANE — PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
- FENCE (REF:ARCH)
- GR — PEDESTRIAN GUARDRAIL (REF:ARCH)
- VEHICLE GUARDRAILS
- 100 — PROPOSED CONTOURS
- +100 — PROPOSED SPOT GRADES
- 100 — PROPOSED CONTOURS - MAJOR
- 101 — PROPOSED CONTOURS - MINOR

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 — EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

!!! CAUTION !!!

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

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REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

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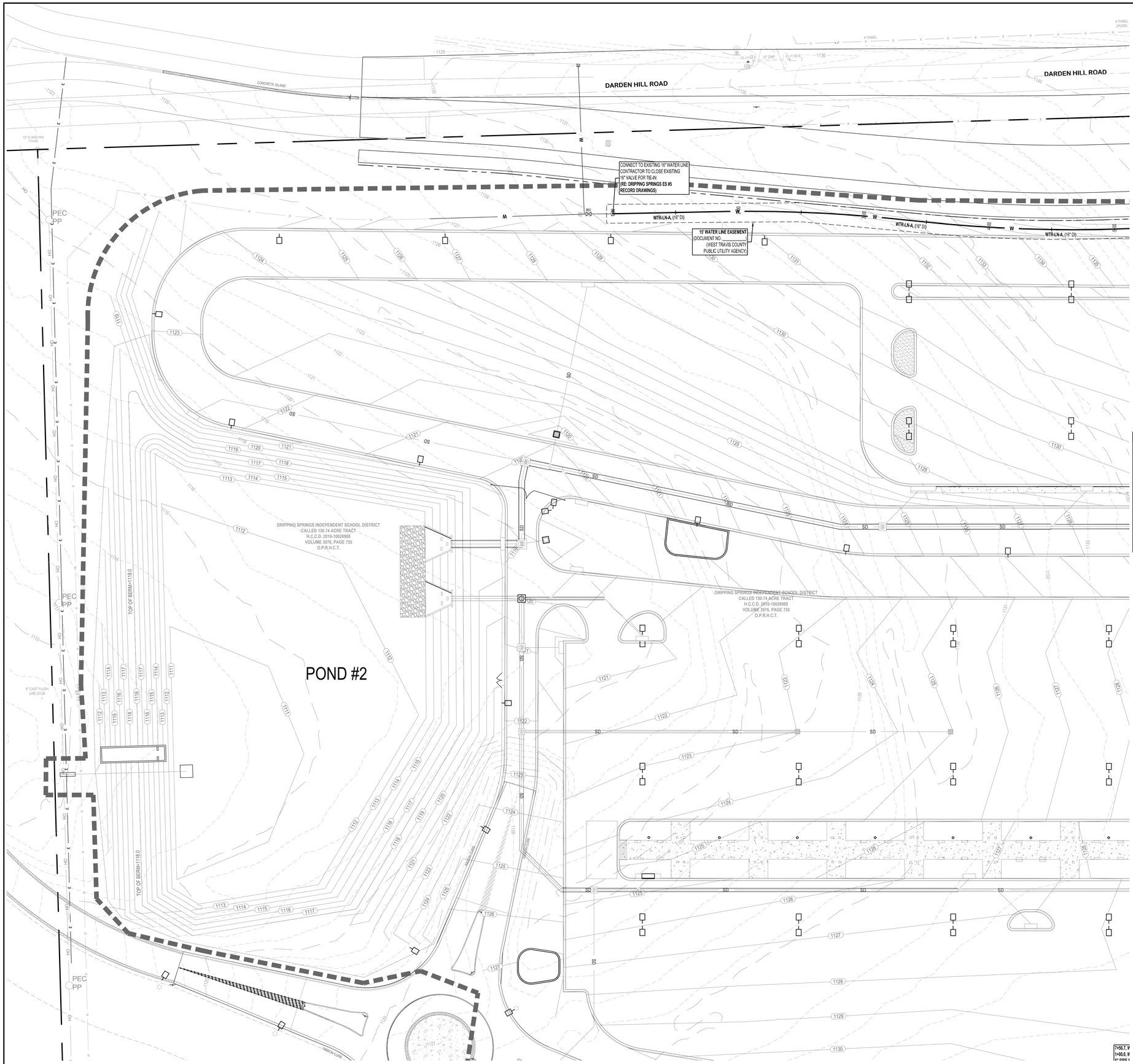
23-134.00

SHEET TITLE
GRADING PLAN - SECTION 9

SHEET NO.
C6.9

DRIPPING SPRINGS HS No.2



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GRAPHIC SCALE

30 0 15 30 60

(IN FEET)

SCALE = 1:30

LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK — PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
- FENCE (REF ARCH)
- GR — PEDESTRIAN GUARDRAIL (REF ARCH)
- VEHICLE GUARDRAILS
- 100 — PROPOSED CONTOURS
- 100 — PROPOSED CONTOURS - MAJOR
- 101 — PROPOSED CONTOURS - MINOR

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

WATER METER TABLE

Meter Number	Meter Size (in.)	WSFU	Individual Demand (GPM)	Water Service Deliniation	Water Service
1	3" Compound	1,384	255	WTR-SERV-B-1	4" Domestic Service
2	2" Compound	643	150	WTR-SERV-C2-2	4" Domestic Service
3	3" Compound	1,247	239	WTR-SERV-C2-1	4" Domestic Service
4	1.5"	251	75	WTR-SERV-C-3	3" Domestic Service
5	1.5"	261	77	WTR-SERV-C-1	3" Domestic Service
6	5/8"	11	15	WTR-SERV-C-2	1.5" Domestic Service
7	3/4"	28	23	WTR-SERV-C1-3	2" Domestic Service
8	1.5"	251	75	WTR-SERV-C1-1	3" Domestic Service
9	1.5"	251	75	WTR-SERV-C3-1	3" Domestic Service
10	1.5"	251	75	WTR-SERV-C1-2	3" Domestic Service
11	5/8"	12	16	WTR-SERV-C3-2	1.5" Domestic Service
12	*Future Meter*			WTR-SERV-C-4	3" Domestic Service

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DAVID P SMITH
56239
REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

23-134.00

SHEET TITLE

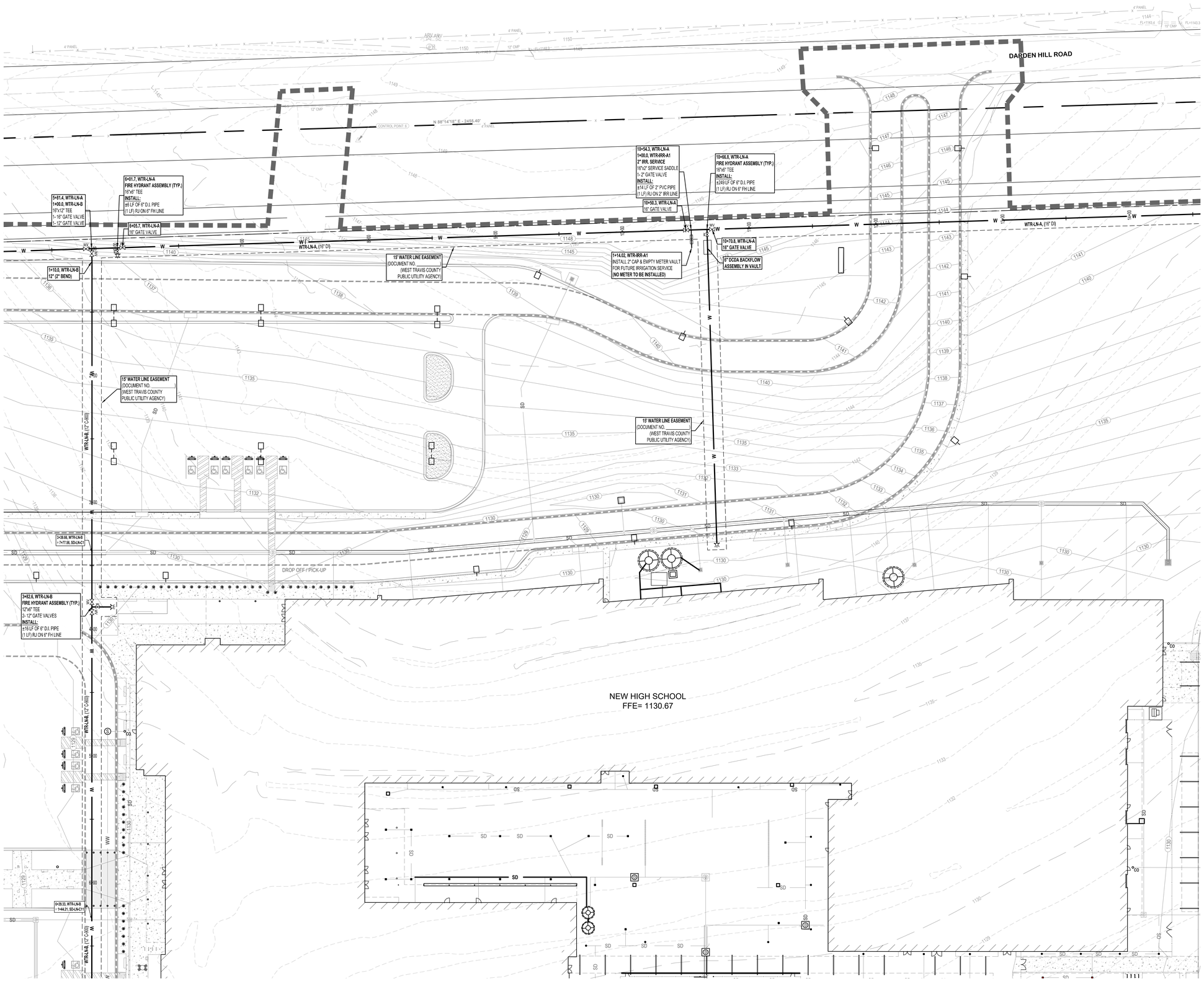
WATER PLAN - SECTION 1

SHEET NO.

C7.0

DRIPPING SPRINGS HS No.2

Drawing Path: G:\Projects\3-008995\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_WATER PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:08:17 AM Layout: WATER PLAN - SECTION 1 Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), ##########



GRAPHIC SCALE

30 0 15 30 60

(IN FEET)

SCALE = 1:30

LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- FIRE LANE PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
- FENCE (REF ARCH)
- GR PEDESTRIAN GUARDRAIL (REF ARCH)
- VEHICLE GUARDRAILS
- 100 PROPOSED CONTOURS
- 100 PROPOSED CONTOURS - MAJOR
- 101 PROPOSED CONTOURS - MINOR

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

!!! CAUTION !!!

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23-134.00

SHEET TITLE

WATER PLAN - SECTION 2

SHEET NO.

C7.1

Drawing Path: G:\Projects\3-006995\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_WATER PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:08:33 AM Layout: WATER PLAN - SECTION 2 Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), ####

DARDEN HILL ROAD

N 88°31'55" E - 103.40'

N 84°13'09" E - 155.56'

15+92.2, WTR-LN-A
1+00.0, WTR-LN-C
16"x6" TEE
1- 16" GATE VALVE
1- 8" GATE VALVE

WTR-LN-A, (16" DI)

1+07.3, WTR-LN-C
8" (2" BEND)

16+12.4, END WTR-LN-A
INSTALL 2" TAPPING CAP & 16" PLUG

16+09.1, WTR-LN-A
16" GATE VALVE

16+02.2, WTR-LN-A
FIRE HYDRANT ASSEMBLY (TYP.)
16"x6" TEE
INSTALL:
±6 LF OF 6" D.I. PIPE
(1 LF) RJ ON 6" FH LINE

15' WATER LINE EASEMENT
(DOCUMENT NO.
(WEST TRAVIS COUNTY
PUBLIC UTILITY AGENCY)

15' WATER LINE EASEMENT
(DOCUMENT NO.
(WEST TRAVIS COUNTY
PUBLIC UTILITY AGENCY)

3+55.39, WTR-LN-C
2+39.01, SDLN-B

4+01.2, WTR-LN-C
FIRE HYDRANT ASSEMBLY (TYP.)
6"x6" TEE
2- 6" GATE VALVES
INSTALL:
±109 LF OF 6" D.I. PIPE
(1 LF) RJ ON 6" FH LINE

7+25.0, WTR-LN-C
FIRE HYDRANT ASSEMBLY (TYP.)
6"x6" TEE
2- 6" GATE VALVES
INSTALL:
±164 LF OF 6" D.I. PIPE
(1 LF) RJ ON 6" FH LINE

7+48.8, WTR-LN-C
1+00.0, WTR-SERV-C1-3
3" DOM. SERVICE
8"x3" SERVICE SADDLE
1- 3" GATE VALVE
INSTALL:
±32.2 LF OF 3" PVC PIPE
(1 LF) RJ ON 3" DOM. LINE

7+34.21, WTR-LN-C
1+31.01, WW-SERV-A3

1+31.9, WTR-SERV-C-1
BLDG. CONNECTION
(RE: M.E.P. PLANS)

1+25.9, WTR-SERV-C-1
METER #5
1.5" WATER METER IN VAULT

STORAGE BLDG.
FFE=1131.25

BATTING CAGES

DUGOUT

BASEBALL

DUGOUT

CONCESSION & R.R.
FFE=1129.25

SOFTBALL

DRIPPING SPRINGS INDEPENDENT SCHOOL DISTRICT
CALLED 150.74 ACRE TRACT
VOL.C.D. 2015-0020888
VOLUME 3978, PAGE 755
O.P.R.H.C.T.

MARILYN ADAMS
CALLED 19.86 ACRE TRACT
H.C.C.D. 2101/9044
O.P.R.H.C.T.

WTR-LN-C, (8" C-900)

GRAPHIC SCALE

30 0 15 30 60

(IN FEET)

SCALE = 1:30

LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
- FENCE (REF ARCH)
- GR PEDESTRIAN GUARDRAIL (REF ARCH)
- VEHICLE GUARDRAILS
- 100 PROPOSED CONTOURS
- 100 PROPOSED CONTOURS - MAJOR
- 101 PROPOSED CONTOURS - MINOR

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

!!! 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.

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DRIPPING SPRINGS, TEXAS

Bid Package 2
Issue For Permitting, Bidding and Construction

STATE OF TEXAS
DAVID P SMITH
56239
REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

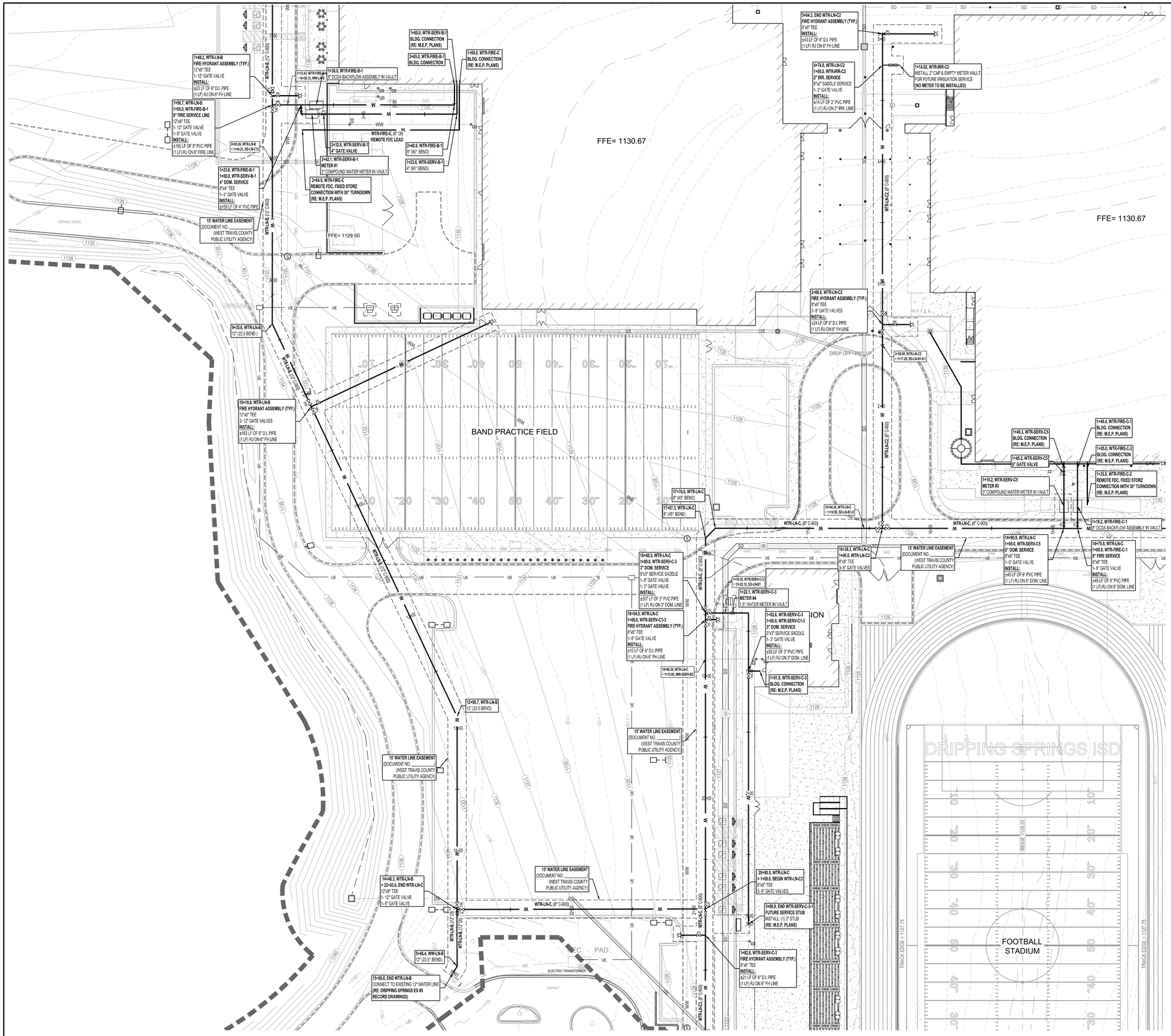
PROJECT NO.
23-134.00

SHEET TITLE
WATER PLAN - SECTION 3

SHEET NO.
C7.2

DRIPPING SPRINGS HS No.2

Drawing Path: G:\Projects\3-008955\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_WATER PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:08:47 AM Layout: WATER PLAN - SECTION 3 Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), ####



LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
- FIRE LANE
- FENCE (REF ARCH)
- GR PEDESTRIAN GUARDRAIL (REF ARCH)
- VEHICLE GUARDRAILS
- 100 PROPOSED CONTOURS
- 100 PROPOSED CONTOURS - MAJOR
- 101 PROPOSED CONTOURS - MINOR

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

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

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STATE OF TEXAS
DAVID P SMITH
56239
REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

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Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.
23-134.00

SHEET TITLE
WATER PLAN - SECTION 4

SHEET NO.
C7.3

DRIPPING SPRINGS HS No.2

Drawing Path: G:\Projects\3-008991\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_WATER PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:09:01 AM Layout: WATER PLAN - SECTION 4 Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), #####

LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
- FIRE LANE
- FENCE (REF ARCH)
- GR PEDESTRIAN GUARDRAIL (REF ARCH)
- VEHICLE GUARDRAILS
- 100 PROPOSED CONTOURS
- 100 PROPOSED CONTOURS - MAJOR
- 101 PROPOSED CONTOURS - MINOR

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

!!! CAUTION !!!

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

!!! WARNING !!!

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STATE OF TEXAS
DAVID P. SMITH
56239
REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

23-134.00

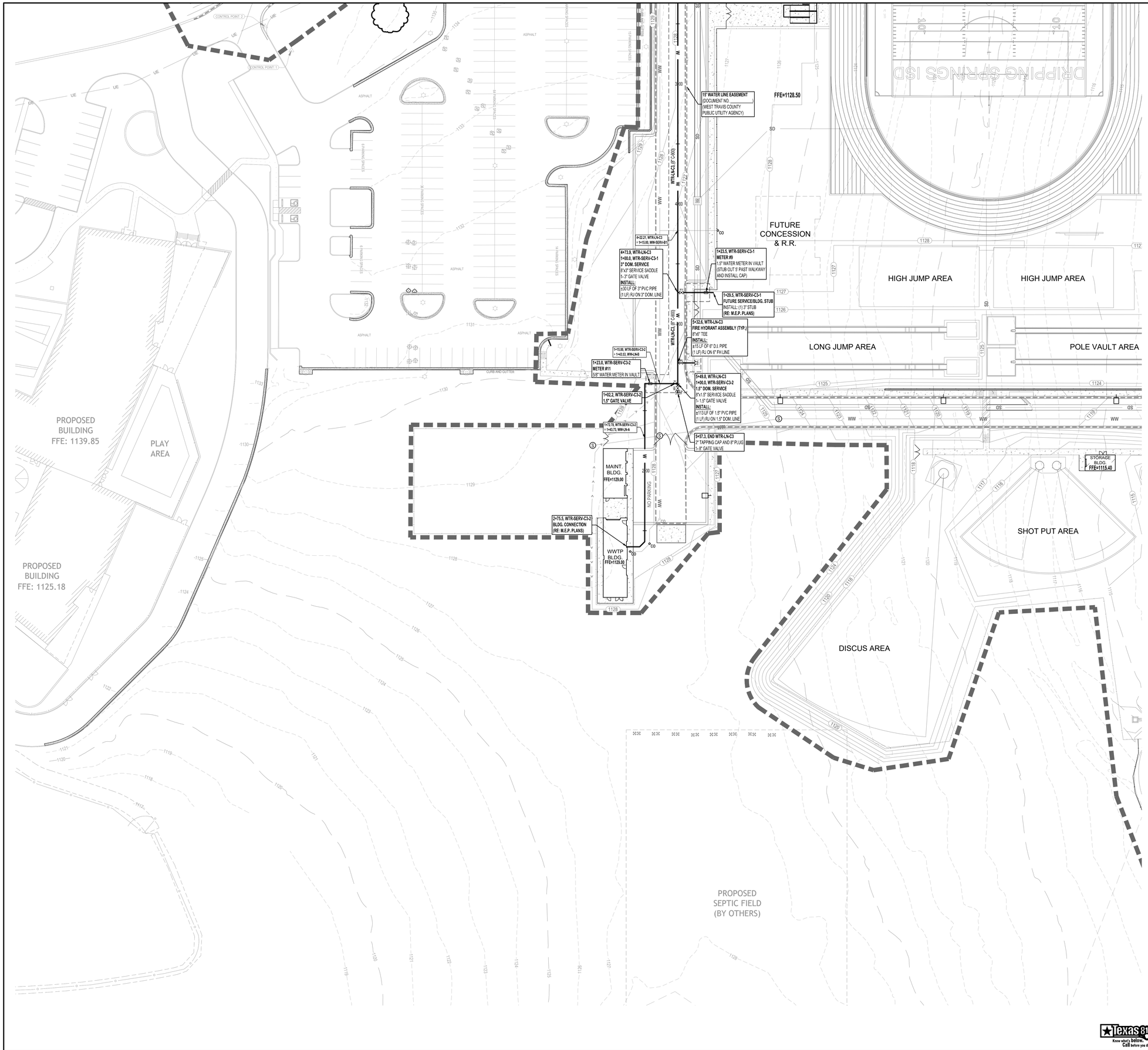
SHEET TITLE

WATER PLAN - SECTION 5

SHEET NO.

C7.4

Drawing Path: G:\Projects\3-00895\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_WATER PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:09:15 AM Layout: WATER PLAN - SECTION 5 Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), ####



N

W E

S

GRAPHIC SCALE

30 0 15 30 60

(IN FEET)

SCALE = 1:30

LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK — PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- FIRE LANE — PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
- FENCE (REF ARCH)
- GR — PEDESTRIAN GUARDRAIL (REF ARCH)
- VEHICLE GUARDRAILS
- 100 — PROPOSED CONTOURS
- 100 — PROPOSED CONTOURS - MAJOR
- 101 — PROPOSED CONTOURS - MINOR

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 — EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

!!! CAUTION !!!

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

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Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

23-134.00

SHEET TITLE

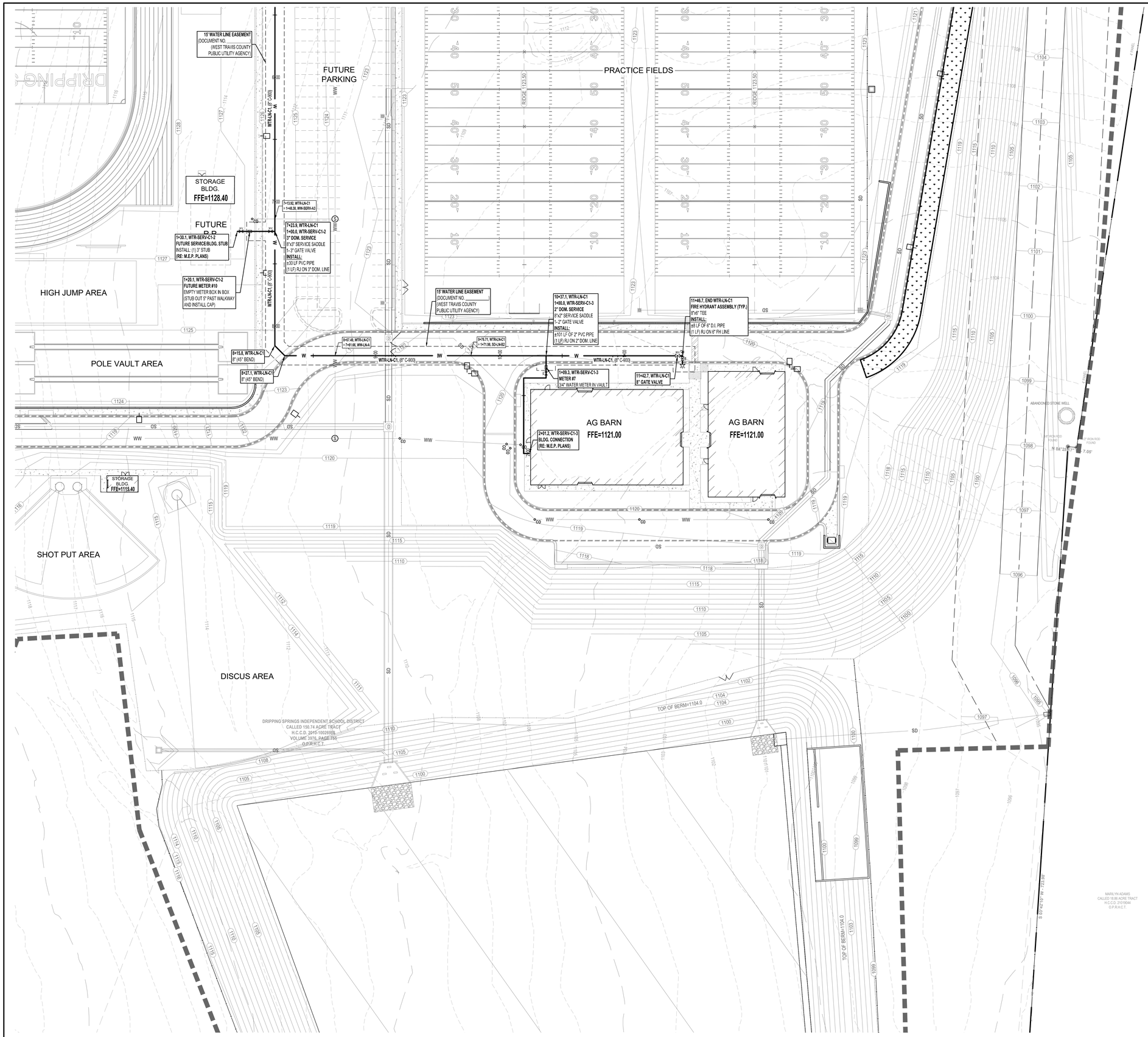
WATER PLAN - SECTION 6

SHEET NO.

C7.5

DRIPPING SPRINGS HS No.2

Drawing Path: G:\Projects\3-008695\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_WATER PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:09:29 AM Layout: WATER PLAN - SECTION 6 Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), ####



N

W E

S

GRAPHIC SCALE

30 0 15 30 60

(IN FEET)

SCALE = 1:30

LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- FIRE LANE PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
- FENCE (REF ARCH)
- GR PEDESTRIAN GUARDRAIL (REF ARCH)
- VEHICLE GUARDRAILS
- 100 PROPOSED CONTOURS
- 100 PROPOSED CONTOURS - MAJOR
- 101 PROPOSED CONTOURS - MINOR

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

!!! CAUTION !!!

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

!!! WARNING !!!

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56239
REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

23-134.00

SHEET TITLE

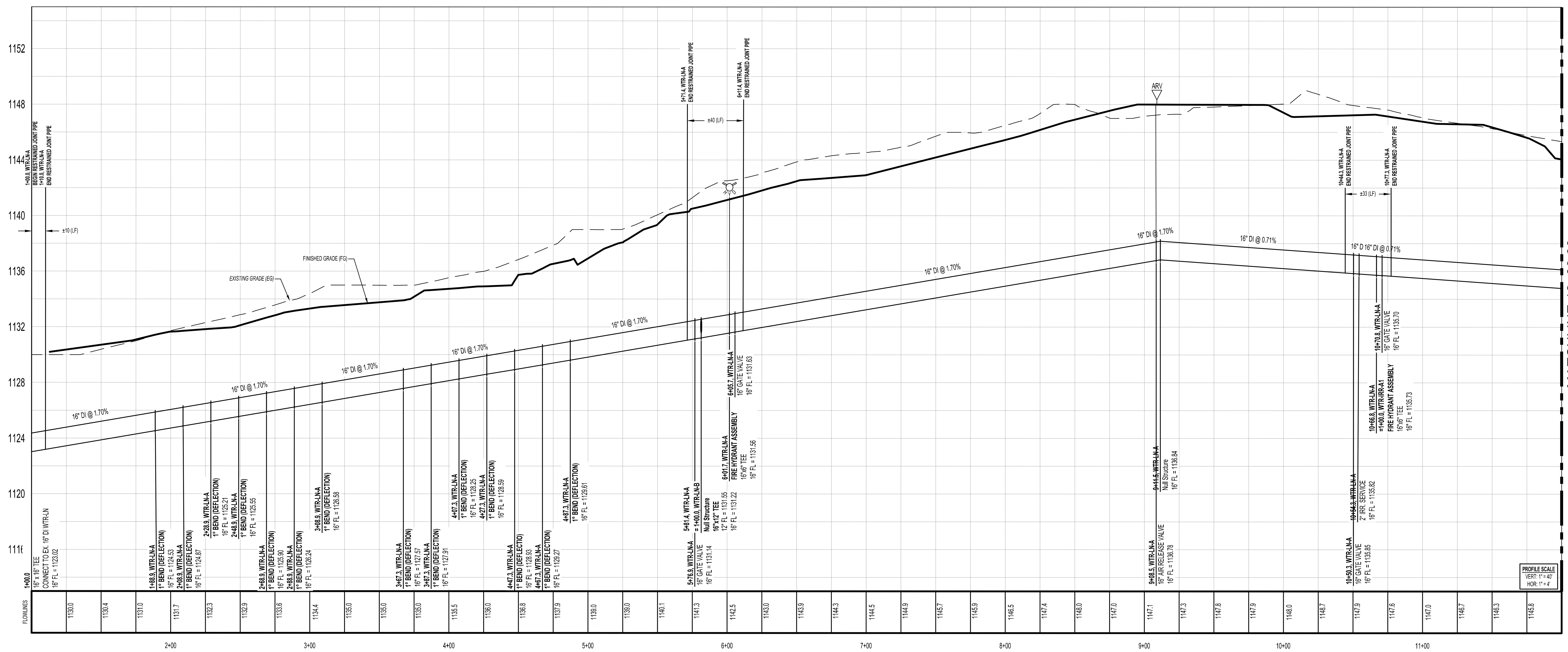
WATER PLAN - SECTION 7

SHEET NO.

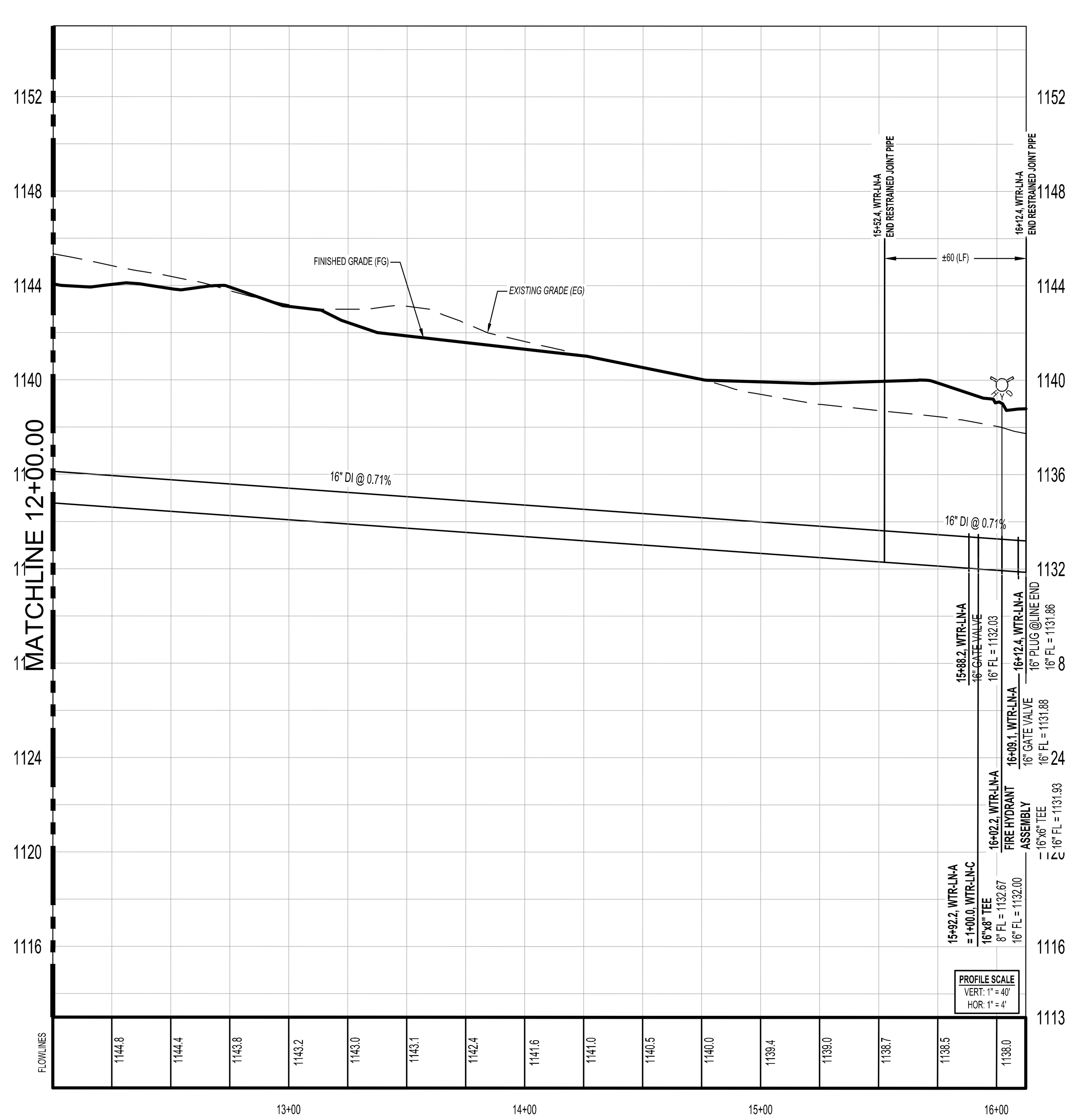
C7.6

DRIPPING SPRINGS HS No.2

Drawing Path: G:\Projects\3-008995\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_WATER PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:09:42 AM Layout: WATER PLAN - SECTION 7 Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), ####



WTR-LN-A



WTR-LN-A

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REGISTERED
PROFESSIONAL ENGINEER
7-24-2025

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Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.
23-134.00

SHEET TITLE
WATER PROFILE
WL-A

SHEET NO.
C7.7

DRIPPING SPRINGS HS No.2

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

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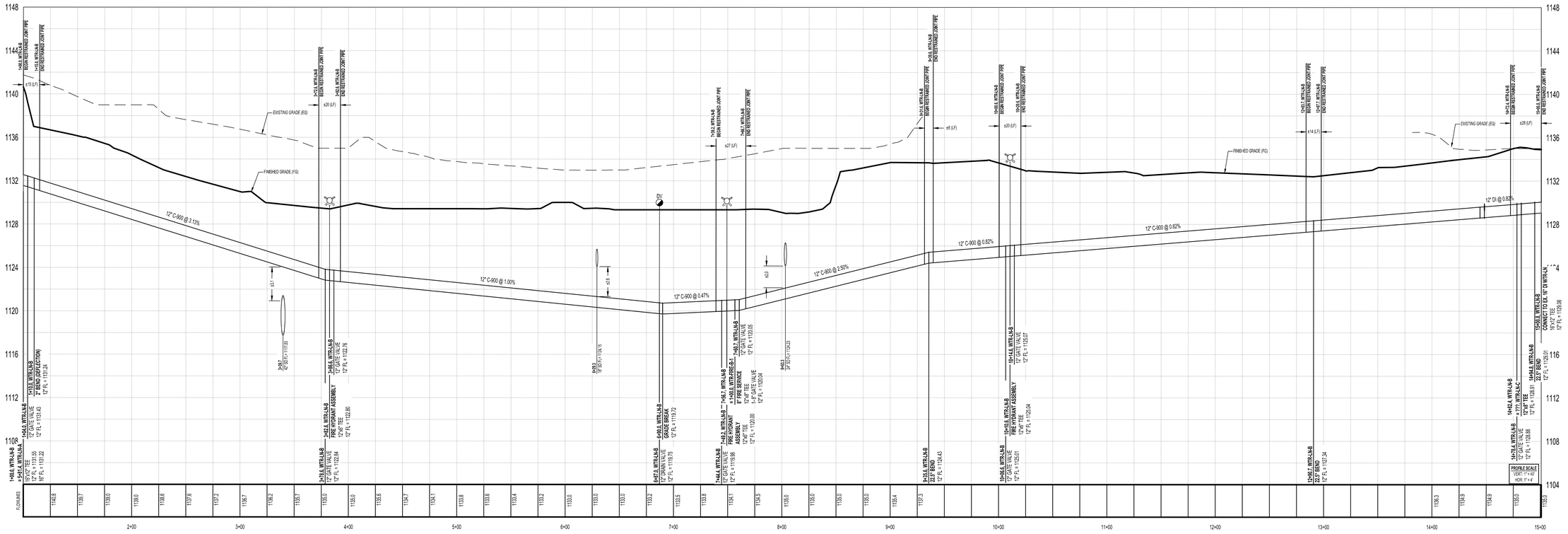

WTR-LN-B

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STATE OF TEXAS
DAVID P SMITH
56239
REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

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Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

23-134.00

SHEET TITLE

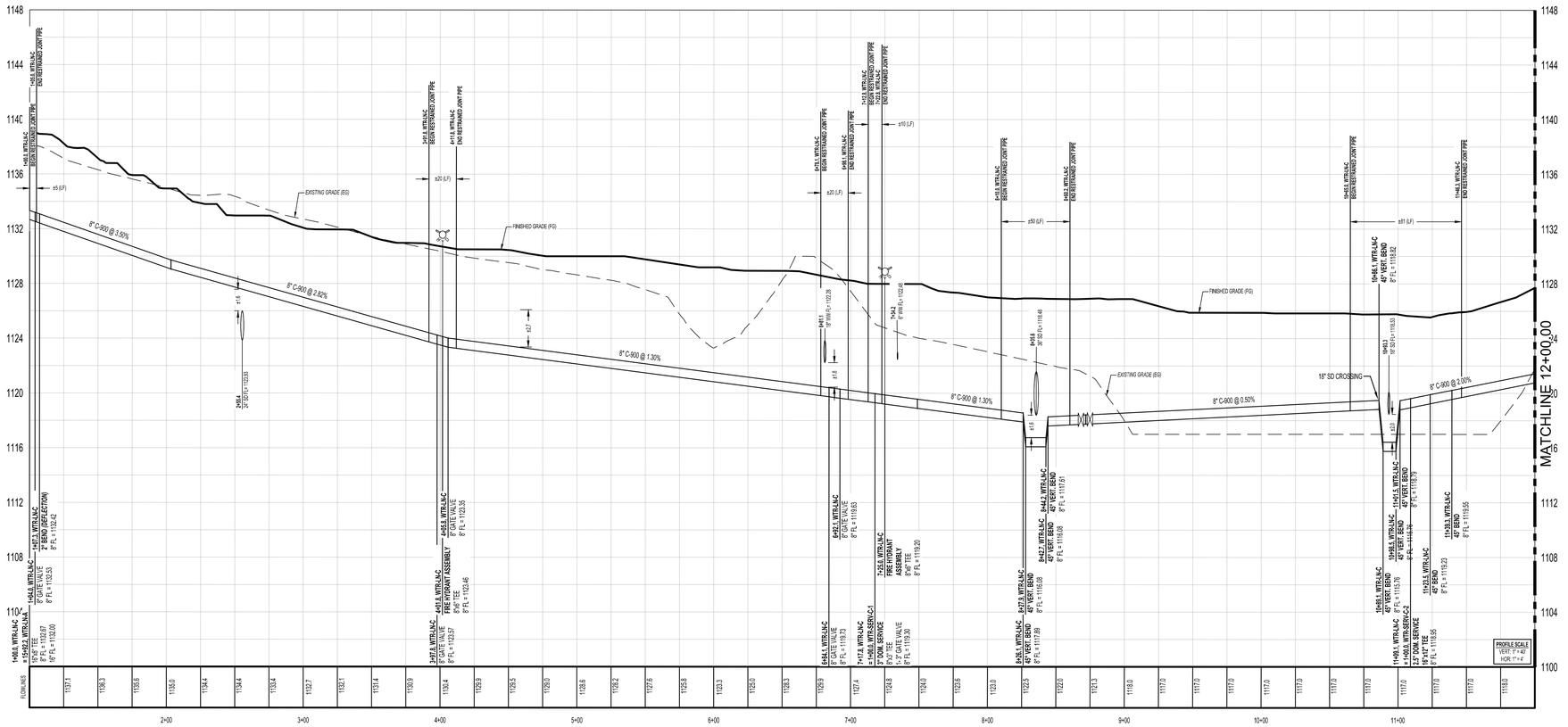
WATER PROFILE WL-B

SHEET NO.

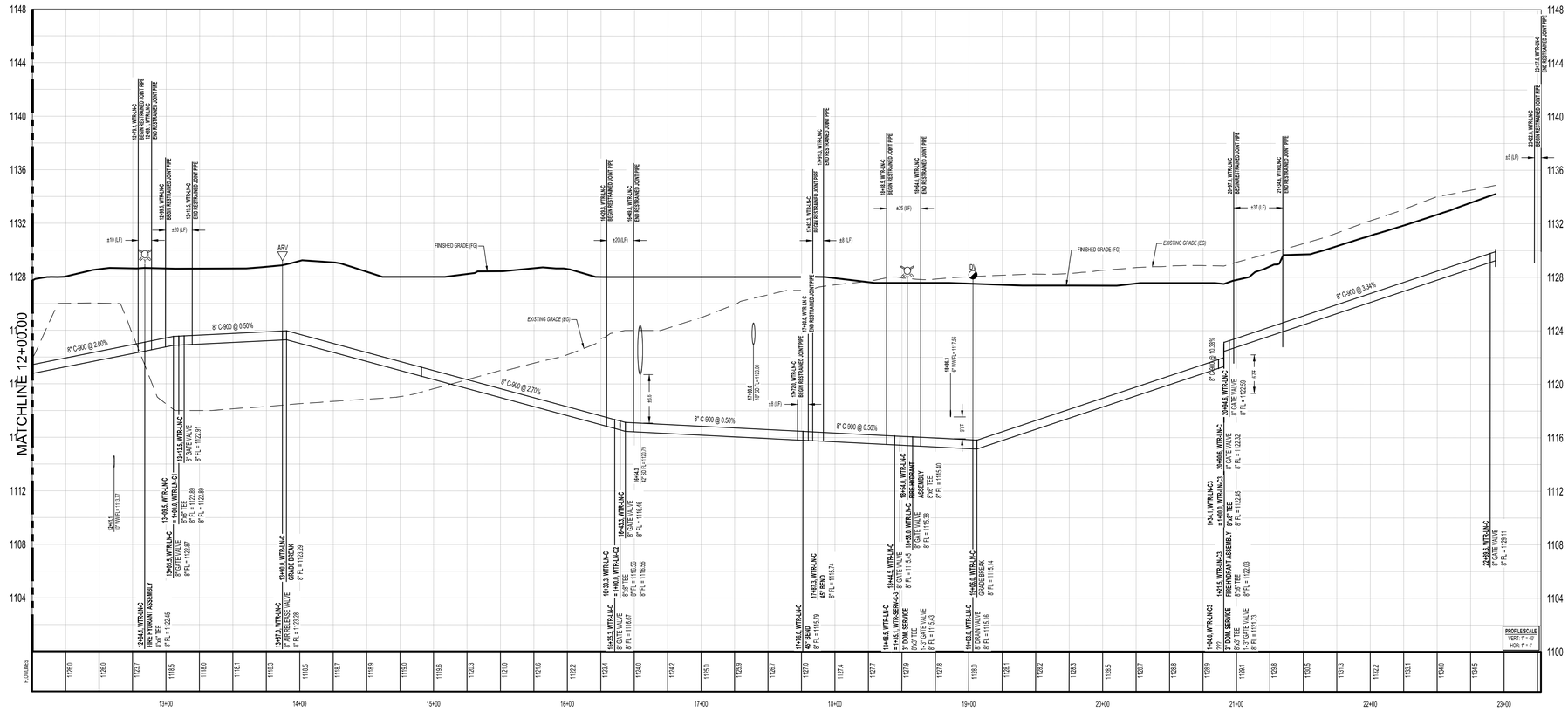
C7.8

DRIPPING SPRINGS HS No.2

Drawing Path: G:\Projects\3-00899\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_WATER PROFILES.dwg Plotted By: Brian Green Date: 7/24/2025 1:11:30 PM Layout: WATER PROFILE WL-B Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), ####



WTR-LN-C



WTR-LN-C

ARCHITECT

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DRIPPING SPRINGS, TEXAS

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7-24-2025

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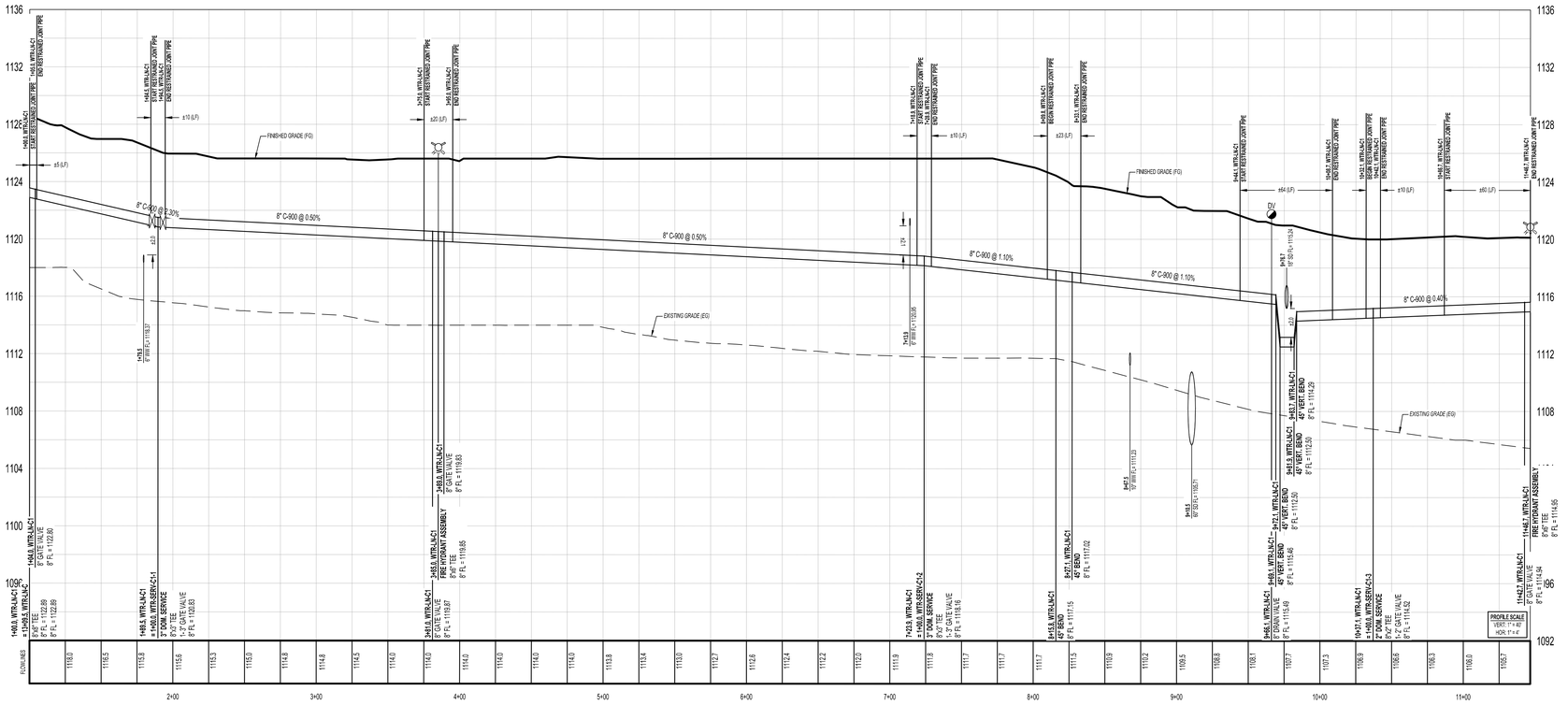
23-134.00

SHEET TITLE
WATER PROFILE WL-C

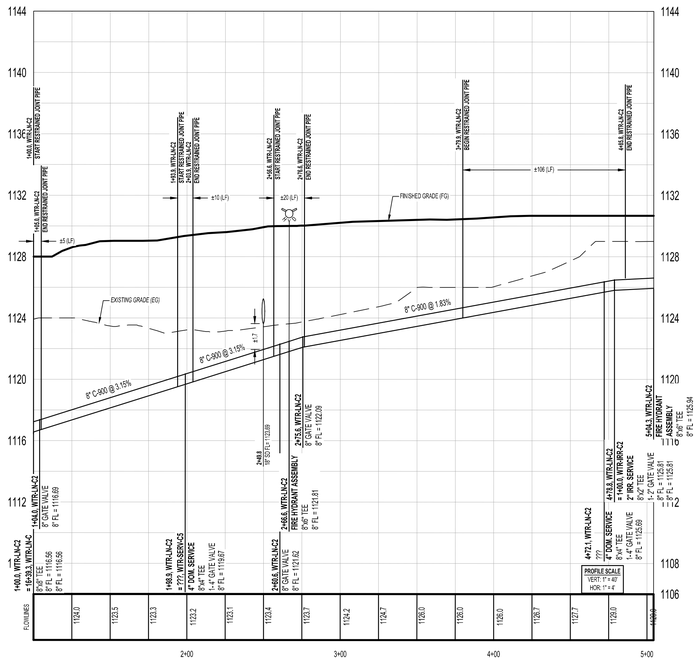
SHEET NO.
C7.9

DRIPPING SPRINGS HS No.2

Drawing Path: G:\Projects\3-006995\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_WATER PROFILES.dwg Plotted By: Brian Green Date: 7/24/2025 1:12:10 PM Layout: WATER PROFILE WL-C Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), ####



WTR-LN-C1



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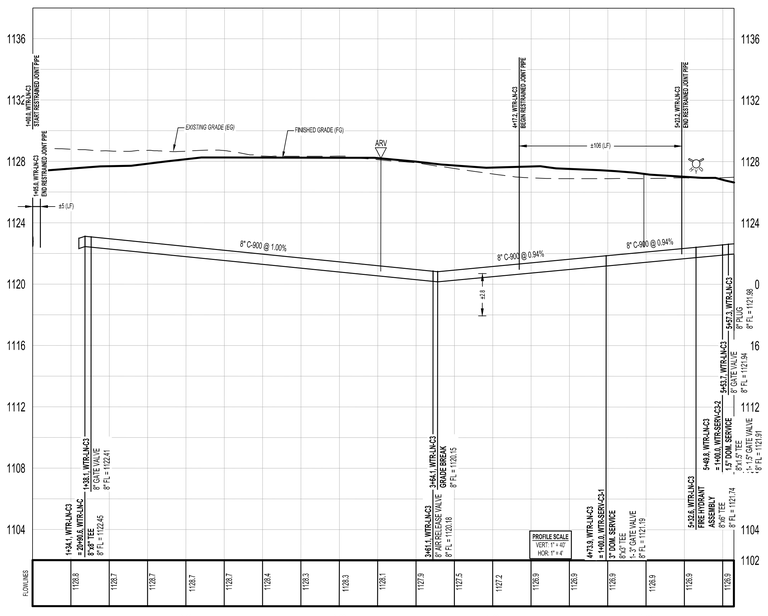

WTR-LN-C3

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DRIPPING SPRINGS, TEXAS

!!! 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.

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Issue For Permitting, Bidding and Construction

STATE OF TEXAS
DAVID P SMITH
56239
REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

23-134.00

SHEET TITLE

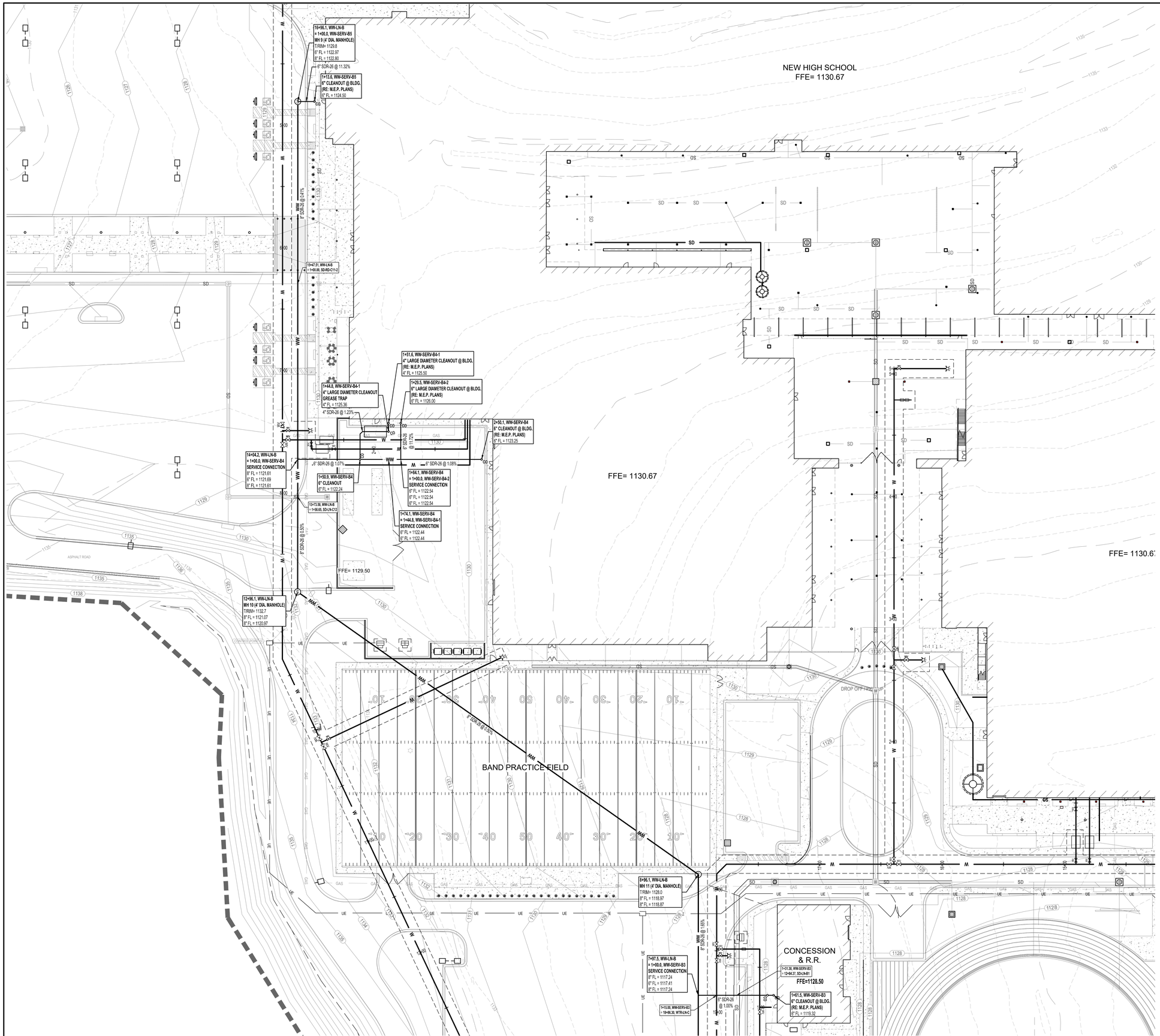
WATER PROFILE
WL C1, C2 & C3

SHEET NO.

C7.10

DRIPPING SPRINGS HS No.2

Drawing Path: G:\Projects\3-008991\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_WATER PROFILES.dwg Plotted By: Brian Green Date: 7/24/2025 1:12:58 PM Layout: WATER PROFILE WL-C1 Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches); ####



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W E

S

GRAPHIC SCALE

30 0 15 30 60

(IN FEET)

SCALE = 1:30

LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES) (FIRE LANE)
- FENCE (REF ARCH)
- GR PEDESTRIAN GUARDRAIL (REF ARCH)
- VEHICLE GUARDRAILS
- 100 PROPOSED CONTOURS
- 100 PROPOSED CONTOURS - MAJOR
- 101 PROPOSED CONTOURS - MINOR

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

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STATE OF TEXAS
DAVID P SMITH
56239
REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

23-134.00

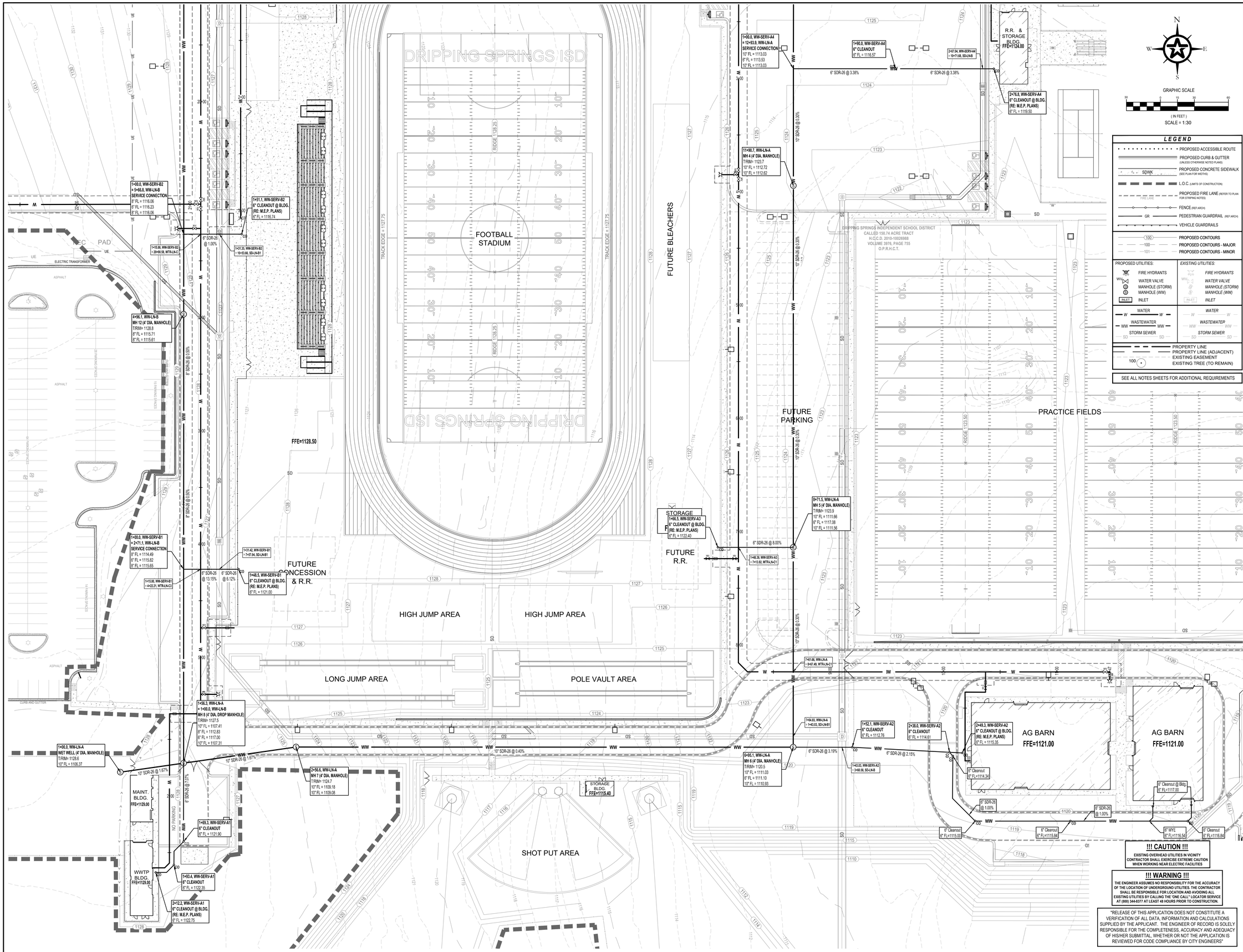
SHEET TITLE

WASTEWATER PLAN - SECTION 1

SHEET NO.

C8.0

Drawing Path: G:\Projects\3-00899\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_WASTEWATER PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:12:28 AM Layout: WASTEWATER PLAN - SECTION 1 Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), ##########



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DAVID P SMITH
56239
REGISTERED PROFESSIONAL ENGINEER
STATE OF TEXAS
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.
23-134.00

SHEET TITLE
WASTEWATER PLAN - SECTION 2

SHEET NO.
C8.1

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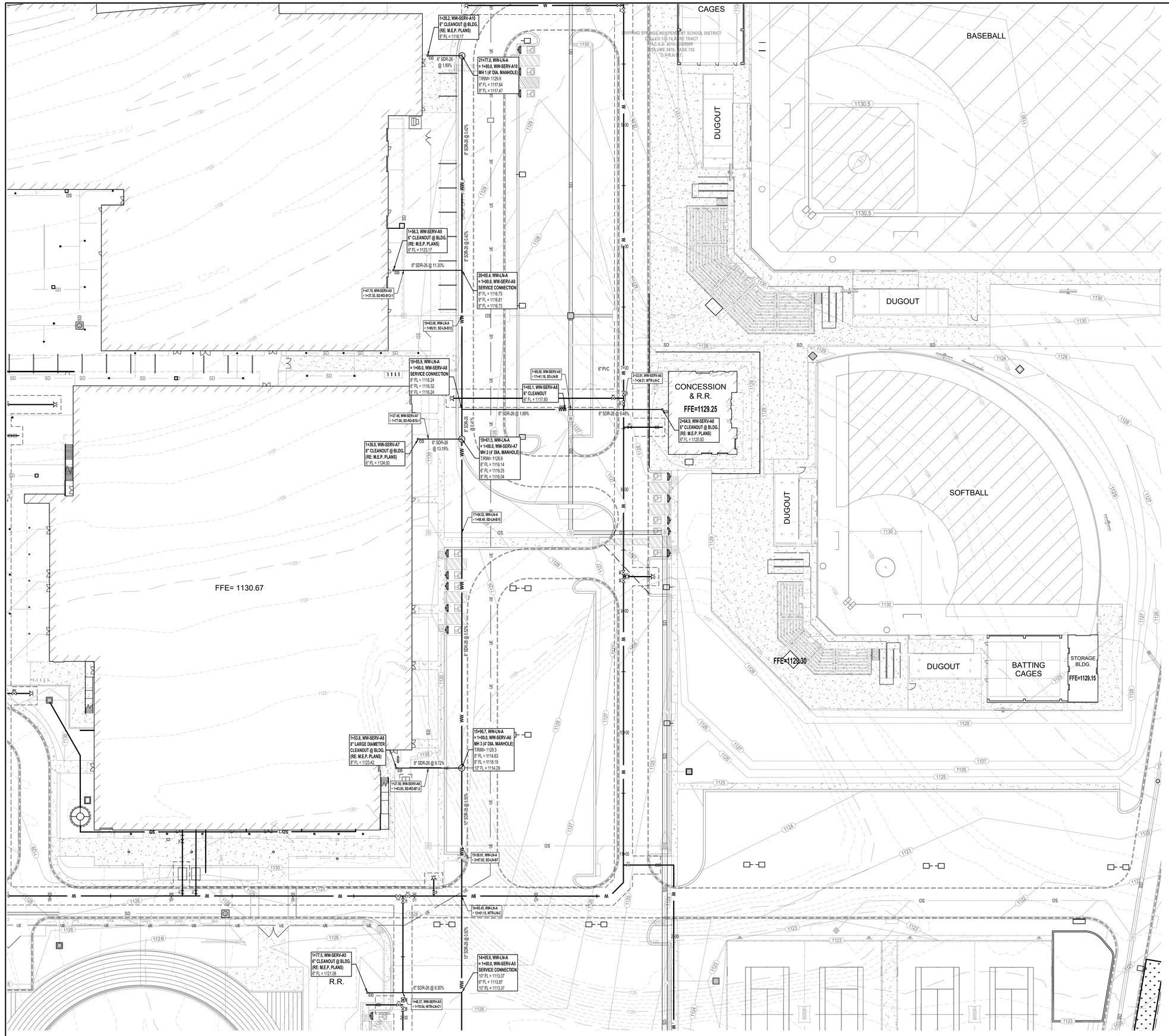
Drawing Path: G:\Projects\3-008950 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_WASTEWATER PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:12:42 AM Layout: WASTEWATER PLAN - SECTION 2 Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches); ####



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GRAPHIC SCALE
30 0 15 30 60
(IN FEET)
SCALE = 1:30

LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- FIRE LANE PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
- FENCE (REF ARCH)
- GR PEDESTRIAN GUARDRAIL (REF ARCH)
- VEHICLE GUARDRAILS
- 100 PROPOSED CONTOURS
- 100 PROPOSED CONTOURS - MAJOR
- 101 PROPOSED CONTOURS - MINOR

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

PROPERTY LINE
PROPERTY LINE (ADJACENT)
EXISTING EASEMENT
100 EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

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STATE OF TEXAS
DAVID P. SMITH
56239
REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

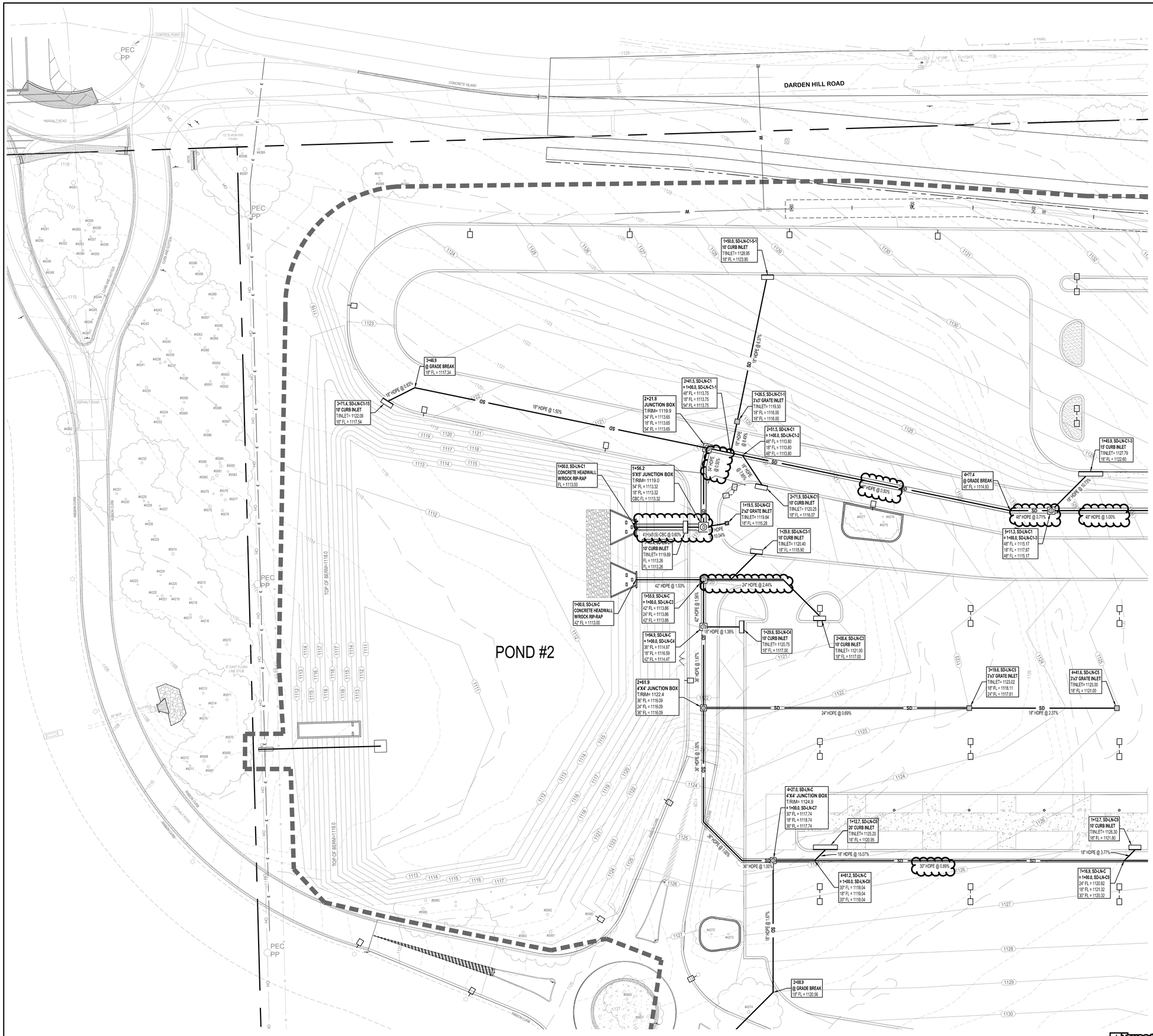
PROJECT NO.
23-134.00

SHEET TITLE
WASTEWATER PLAN - SECTION 3

SHEET NO.
C8.2

DRIPPING SPRINGS HS No.2

Drawing Path: G:\Projects\3-008995\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_WASTEWATER PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:12:56 AM Layout: WASTEWATER PLAN - SECTION 3 Page Size: ARCH full bleed E1 (30.00 x 42.00 inches), ####



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GRAPHIC SCALE

30 0 15 30 60

(IN FEET)

SCALE = 1:30

LEGEND

	PROPOSED ACCESSIBLE ROUTE
	PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
SDWK	PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
L.O.C.	L.O.C. (LIMITS OF CONSTRUCTION)
FIRE LANE	PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
	FENCE (REF ARCH)
GR	PEDESTRIAN GUARDRAIL (REF ARCH)
	VEHICLE GUARDRAILS
100	PROPOSED CONTOURS
100	PROPOSED CONTOURS - MAJOR
101	PROPOSED CONTOURS - MINOR

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

PROPERTY LINE
PROPERTY LINE (ADJACENT)
EXISTING EASEMENT
100 EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

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7-29-2025

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REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

23-134.00

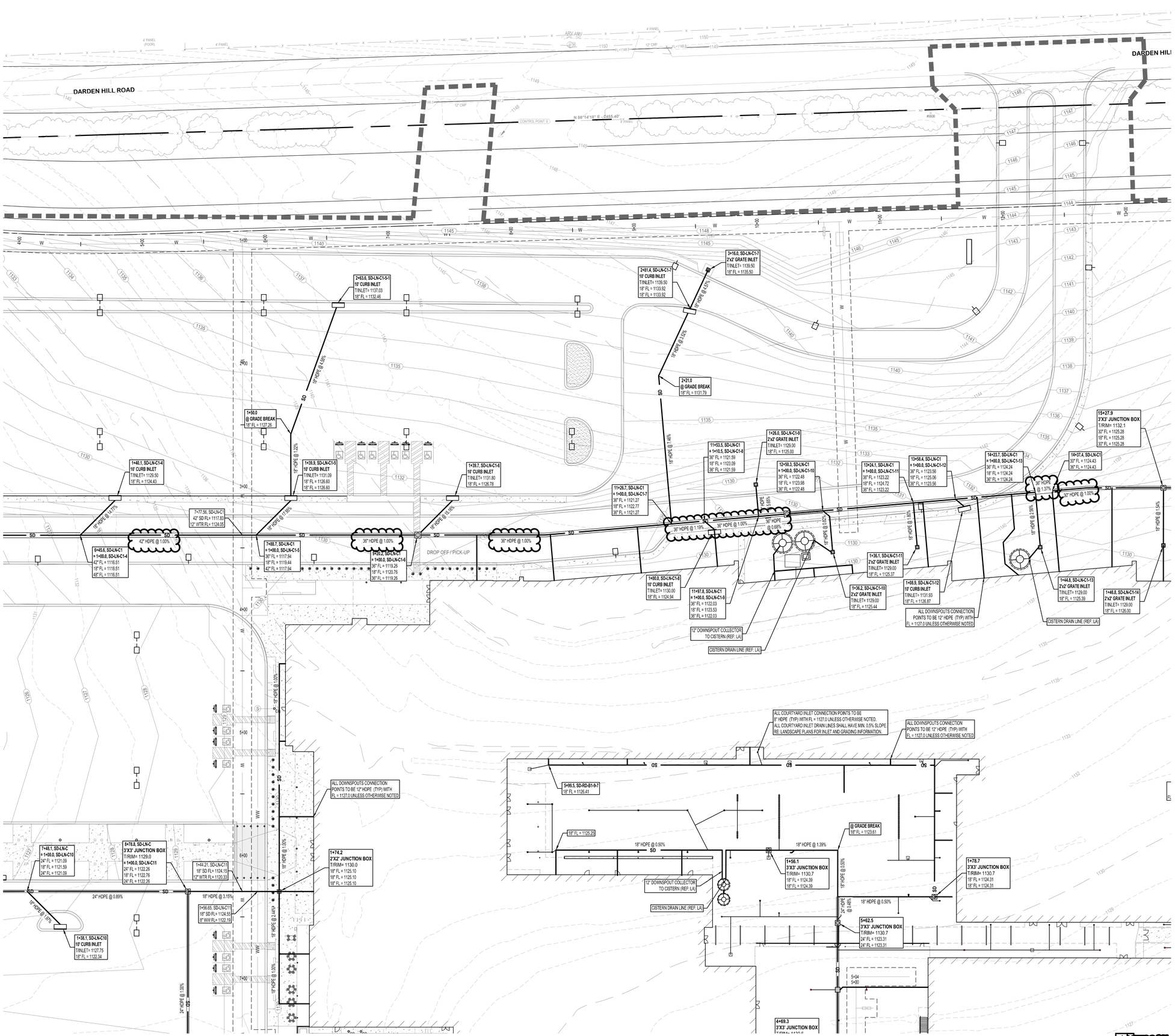
SHEET TITLE

STORM SEWER PLAN - SECTION 1

SHEET NO.

C9.0

Drawing Path: G:\Projects\3-008995\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_STORM SEWER PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:13:15 AM Layout: STORM SEWER PLAN - SECTION 1 Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), ##########



GRAPHIC SCALE

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(IN FEET)

SCALE = 1:30

LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES) (FIRE LANE)
- FENCE (REF ARCH)
- GR PEDESTRIAN GUARDRAIL (REF ARCH)
- VEHICLE GUARDRAILS
- 100 PROPOSED CONTOURS
- 100 PROPOSED CONTOURS - MAJOR
- 101 PROPOSED CONTOURS - MINOR

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

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DRIPPING SPRINGS, TEXAS

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Issue For Permitting, Bidding and Construction

STATE OF TEXAS
DAVID P SMITH
56239
REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

23-134.00

SHEET TITLE

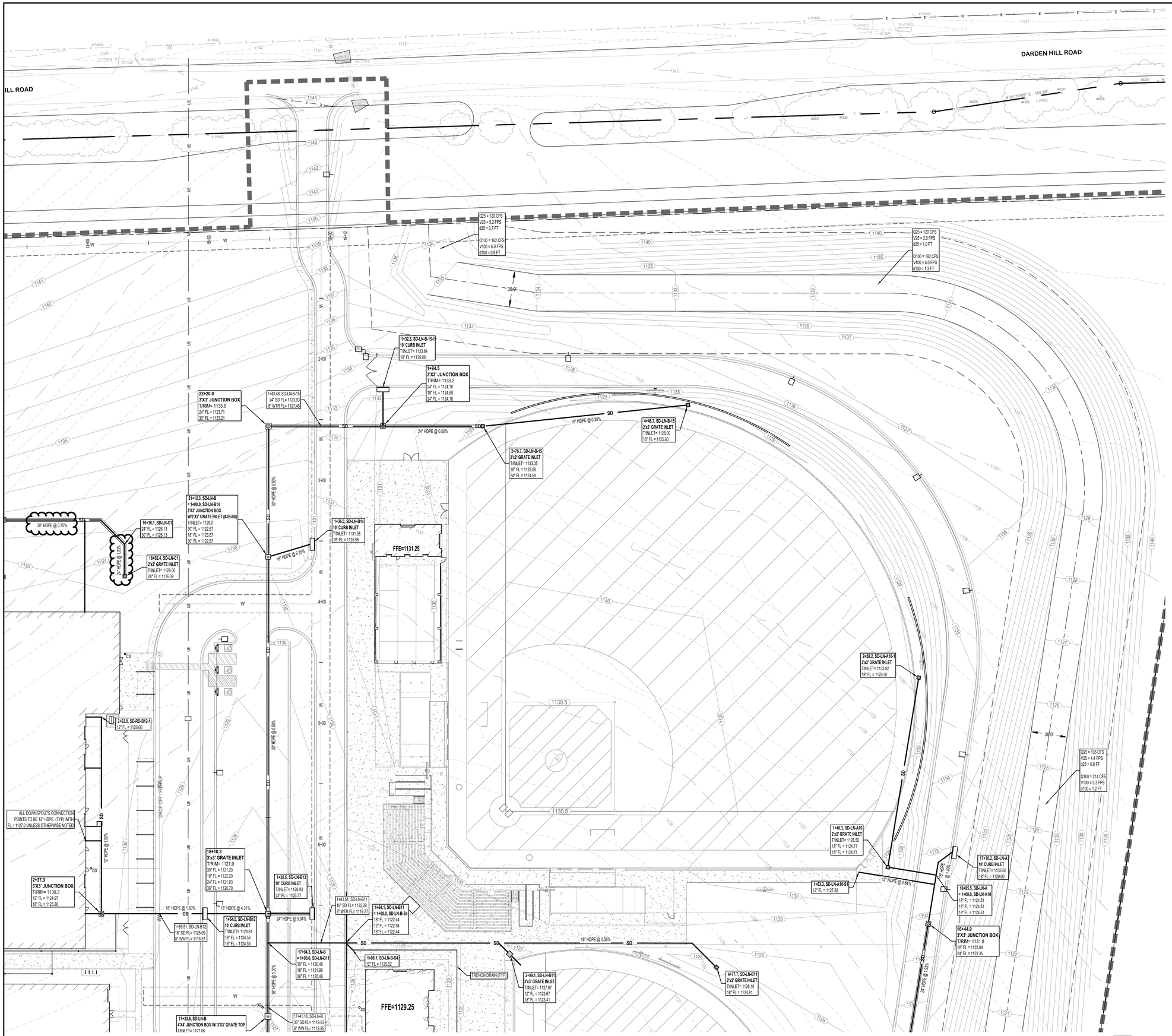
STORM SEWER PLAN - SECTION 2

SHEET NO.

C9.1

DRIPPING SPRINGS HS No.2

Drawing Path: G:\Projects\3-006995\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_STORM SEWER PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:13:35 AM Layout: STORM SEWER PLAN - SECTION 2 Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), ####



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GRAPHIC SCALE

30 0 15 30 60

(IN FEET)

SCALE = 1:30

LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES) (FIRE LANE)
- FENCE (REF ARCH)
- GR PEDESTRIAN GUARDRAIL (REF ARCH)
- VEHICLE GUARDRAILS
- 100 PROPOSED CONTOURS
- 100 PROPOSED CONTOURS - MAJOR
- 101 PROPOSED CONTOURS - MINOR

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 EXISTING TREE (TO REMAIN)

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DRIPPING SPRINGS, TEXAS

Bid Package 2
Issue For Permitting, Bidding and Construction

STATE OF TEXAS
DAVID P SMITH
56239
REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

23-134.00

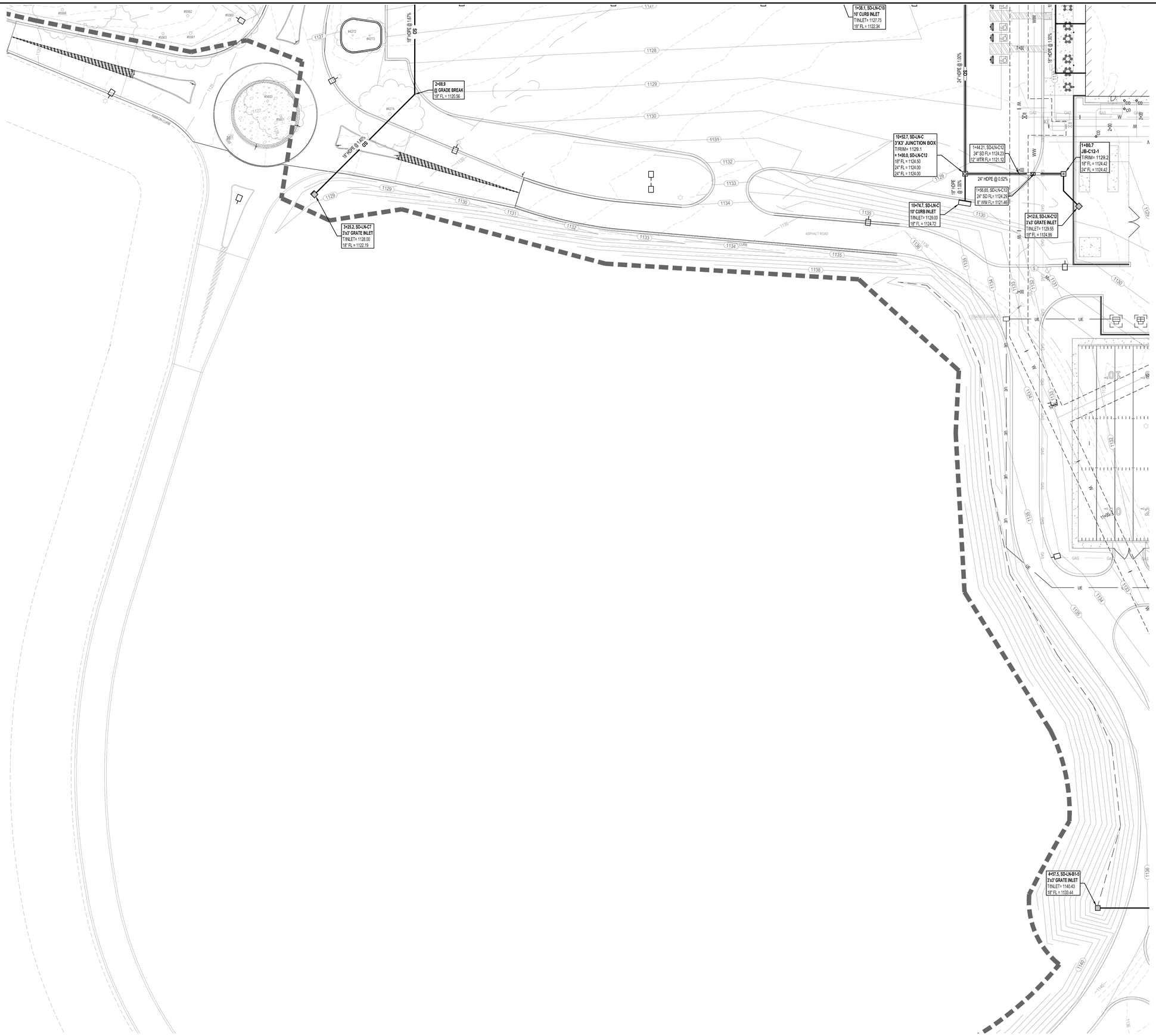
SHEET TITLE

STORM SEWER PLAN - SECTION 3

SHEET NO.

C9.2

Drawing Path: G:\Projects\3-008995\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_STORM SEWER PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:13:51 AM Layout: STORM SEWER PLAN - SECTION 3 Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), ####



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GRAPHIC SCALE

30 0 15 30 60

(IN FEET)

SCALE = 1:30

LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
- FENCE (REF ARCH)
- GR PEDESTRIAN GUARDRAIL (REF ARCH)
- VEHICLE GUARDRAILS
- 100 PROPOSED CONTOURS
- 100 PROPOSED CONTOURS - MAJOR
- 101 PROPOSED CONTOURS - MINOR

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 EXISTING TREE (TO REMAIN)

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Issue For Permitting, Bidding and Construction

STATE OF TEXAS
DAVID P SMITH
56239
REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

23-134.00

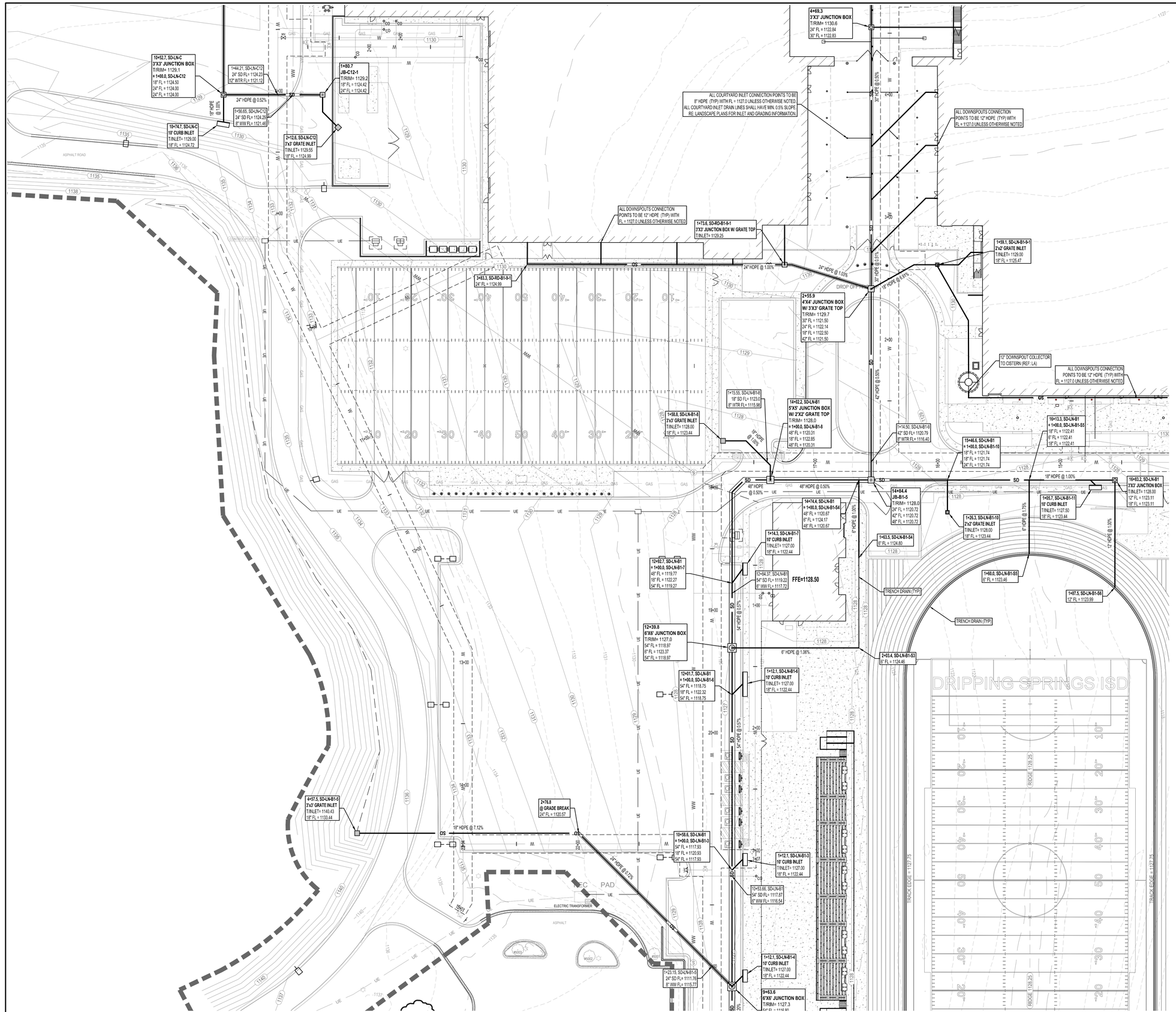
SHEET TITLE

STORM SEWER PLAN - SECTION 4

SHEET NO.

C9.3

Drawing Path: G:\Projects\3-00899\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_STORM SEWER PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:14:07 AM Layout: STORM SEWER PLAN - SECTION 4 Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), ########



LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- FIRE LANE PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
- FENCE (REF ARCH)
- GR PEDESTRIAN GUARDRAIL (REF ARCH)
- VEHICLE GUARDRAILS
- 100 PROPOSED CONTOURS
- 100 PROPOSED CONTOURS - MAJOR
- 101 PROPOSED CONTOURS - MINOR

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

STORM SEWER NOTES:

1. TRENCH DRAIN FOR THE RUNNING TRACK SHALL BE SYSTEM 2000 BY ACO USA.
2. TRENCH DRAIN FOR STADIUM CONCESSION AREAS SHALL BE K100 BY ACO USA. TRENCH GRATES IN PEDESTRIAN WALKS SHALL BE GALVANIZED STEEL AND ADA COMPLIANT.
3. TOP OF 6"-12" DISSIPATION ROCK TO BE LEVEL WITH FINISHED GRADE AND WITH THICKNESS TO BE A MINIMUM OF 18" UNLESS OTHERWISE NOTED OR DETAILED.

!!! CAUTION !!!

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

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REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

23-134.00

SHEET TITLE

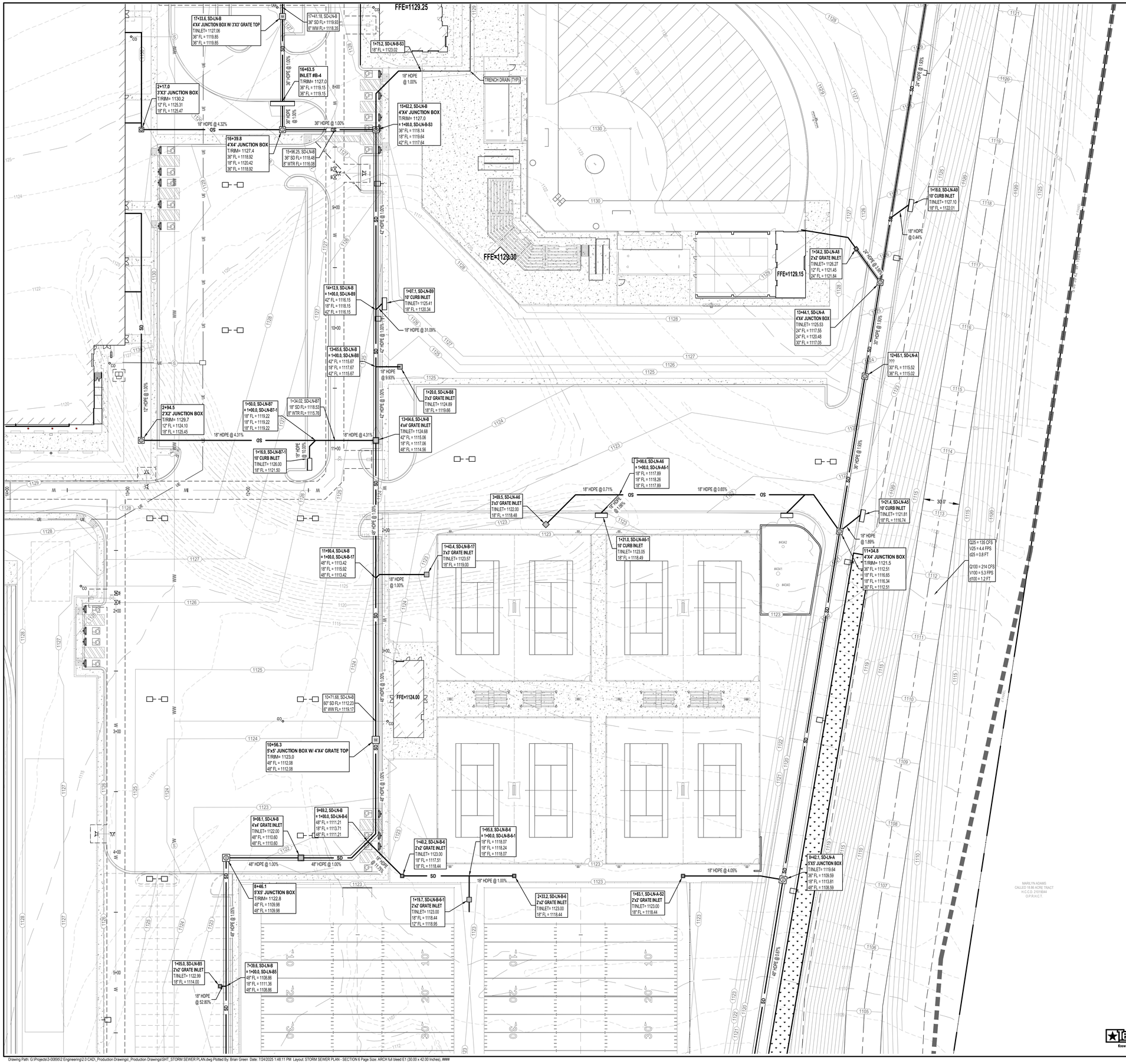
STORM SEWER PLAN - SECTION 5

SHEET NO.

C9.4

DRIPPING SPRINGS HS No.2

Drawing Path: G:\Projects\3-006995\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_STORM SEWER PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:14:24 AM Layout: STORM SEWER PLAN - SECTION 5 Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), ####



N
W
E
S

GRAPHIC SCALE
30 0 15 30 60
(IN FEET)
SCALE = 1:30

LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK — PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
- FIRE LANE
- FENCE (REF ARCH)
- GR — PEDESTRIAN GUARDRAIL (REF ARCH)
- VEHICLE GUARDRAILS
- 100 — PROPOSED CONTOURS
- 100 — PROPOSED CONTOURS - MAJOR
- 101 — PROPOSED CONTOURS - MINOR

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

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

!!! WARNING !!!
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REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

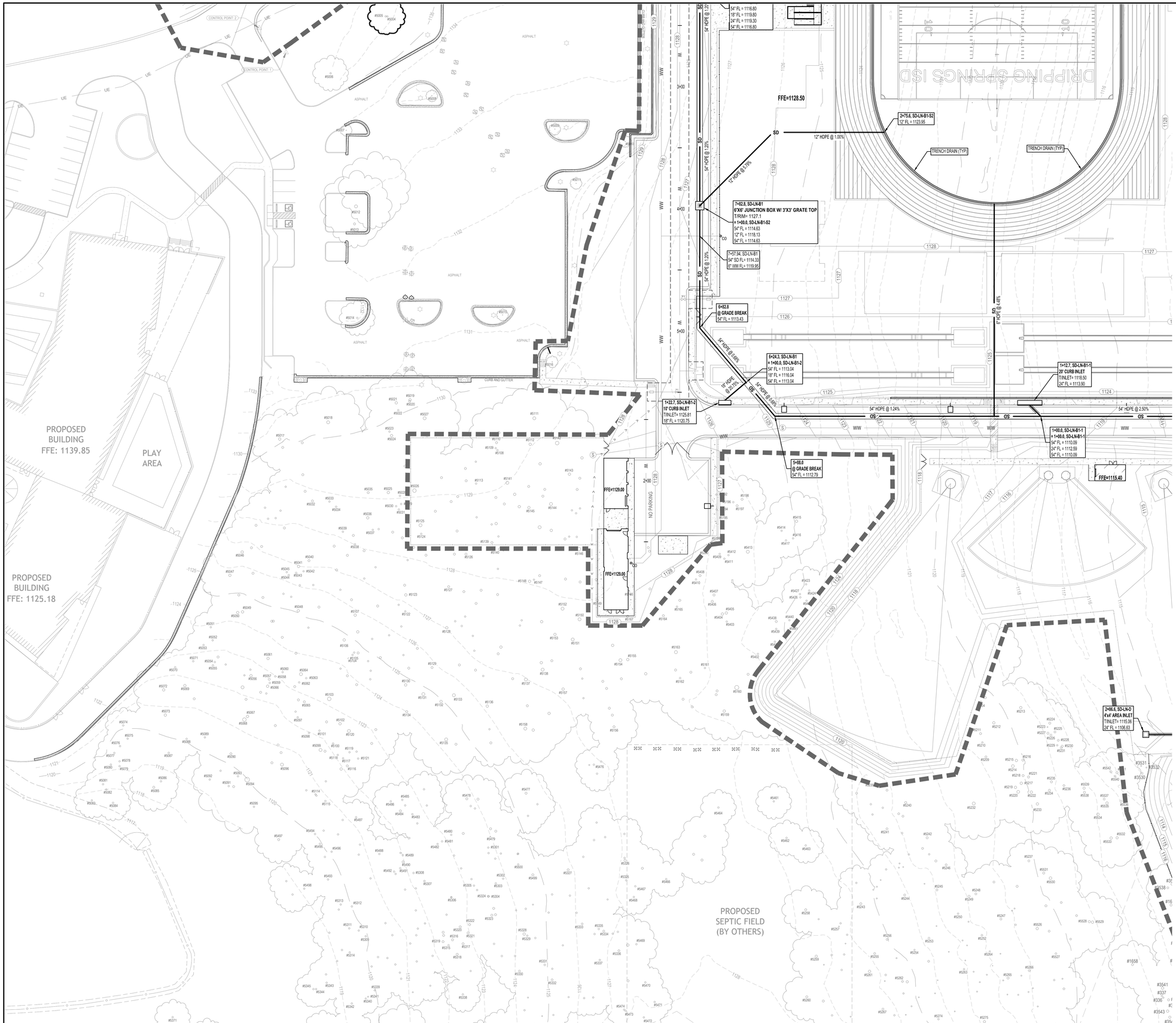
PROJECT NO.
23-134.00

SHEET TITLE
STORM SEWER PLAN - SECTION 6

SHEET NO.
C9.5

DRIPPING SPRINGS HS No.2

Drawing Path: G:\Projects\3-008992 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_STORM SEWER PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 1:48:11 PM Layout: STORM SEWER PLAN - SECTION 6 Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), ####



N

W E

S

GRAPHIC SCALE

30 0 15 30 60

(IN FEET)

SCALE = 1:30

LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
- FENCE (REF ARCH)
- GR PEDESTRIAN GUARDRAIL (REF ARCH)
- VEHICLE GUARDRAILS
- 100 PROPOSED CONTOURS
- 100 PROPOSED CONTOURS - MAJOR
- 101 PROPOSED CONTOURS - MINOR

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

STORM SEWER NOTES:

1. TRENCH DRAIN FOR THE RUNNING TRACK SHALL BE SYSTEM 2000 BY ACO USA.
2. TRENCH DRAIN FOR STADIUM CONCESSION AREAS SHALL BE K100 BY ACO USA. TRENCH GRATES IN PEDESTRIAN WALKS SHALL BE GALVANIZED STEEL AND ADA COMPLIANT.
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56239
REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

23-134.00

SHEET TITLE

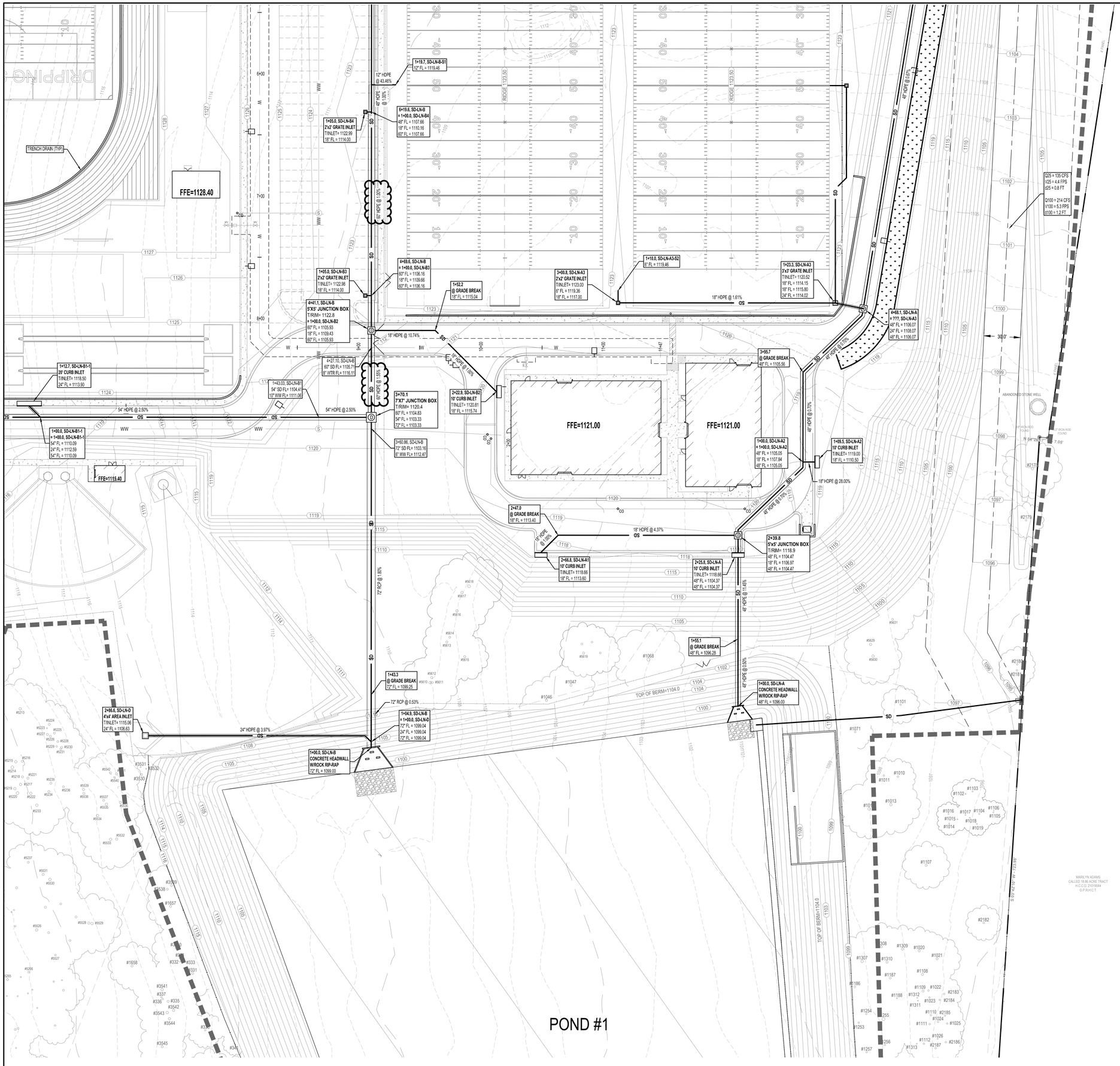
STORM SEWER PLAN - SECTION 7

SHEET NO.

C9.6

DRIPPING SPRINGS HS No.2

Drawing Path: G:\Projects\3-00895\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_STORM SEWER PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:14:57 AM Layout: STORM SEWER PLAN - SECTION 7 Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), ####



GRAPHIC SCALE

30 0 15 30 60

(IN FEET)

SCALE = 1:30

LEGEND

- PROPOSED ACCESSIBLE ROUTE
- PROPOSED CURB & GUTTER (UNLESS OTHERWISE NOTED PLANS)
- SDWK PROPOSED CONCRETE SIDEWALK (SEE PLAN FOR WIDTHS)
- L.O.C. (LIMITS OF CONSTRUCTION)
- FIRE LANE PROPOSED FIRE LANE (REFER TO PLAN FOR STRIPING NOTES)
- FENCE (REF ARCH)
- GR PEDESTRIAN GUARDRAIL (REF ARCH)
- VEHICLE GUARDRAILS
- 100 PROPOSED CONTOURS
- 100 PROPOSED CONTOURS - MAJOR
- 101 PROPOSED CONTOURS - MINOR

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

- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- 100 EXISTING TREE (TO REMAIN)

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

!!! CAUTION !!!

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STATE OF TEXAS
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REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

23-134.00

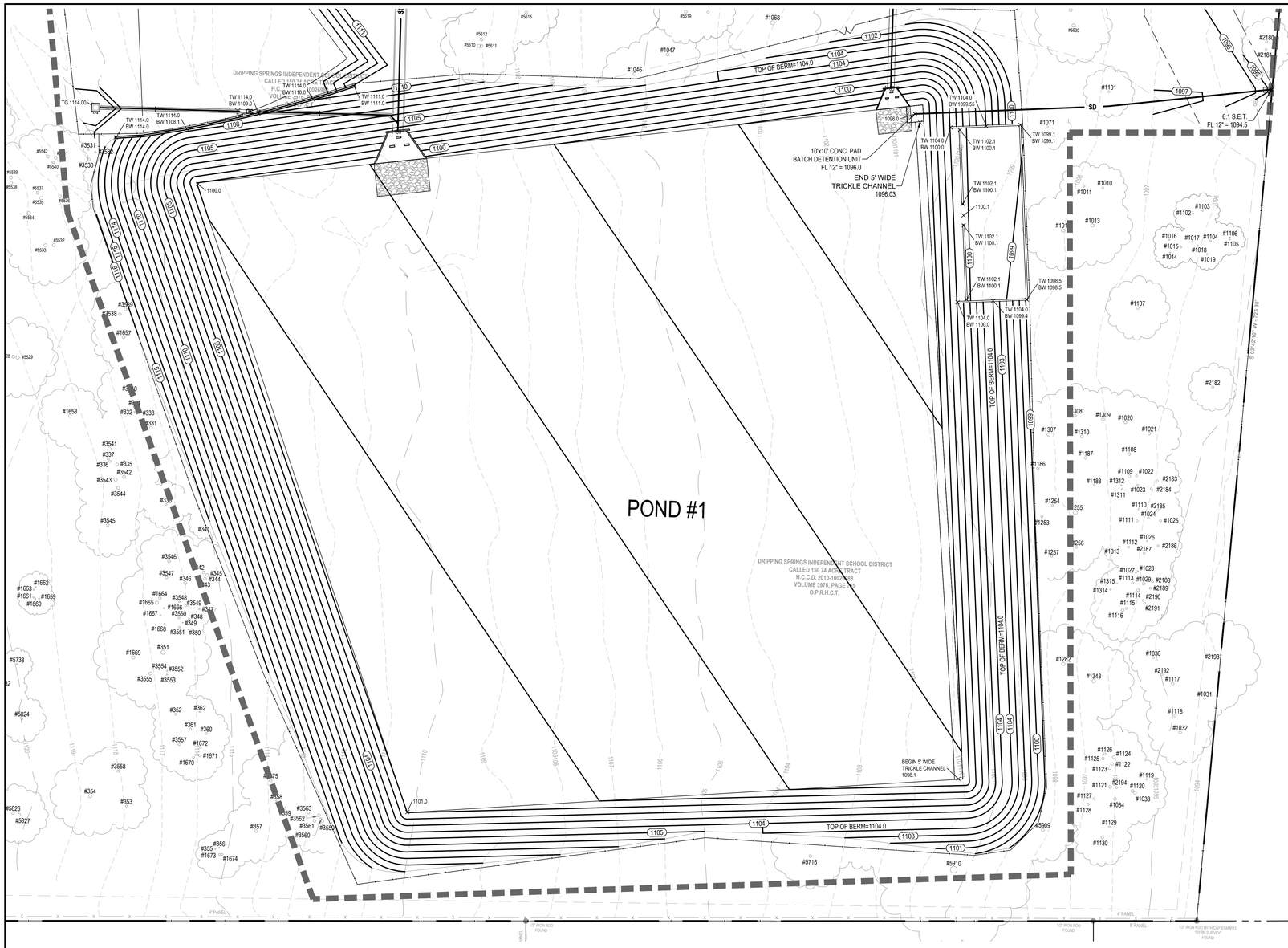
SHEET TITLE

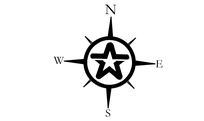
STORM SEWER PLAN - SECTION 8

SHEET NO.

C9.7

Drawing Path: G:\Projects\3-00899\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_STORM SEWER PLAN.dwg Plotted By: Brian Green Date: 7/24/2025 10:15:14 AM Layout: STORM SEWER PLAN - SECTION 8 Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches); ####





GRAPHIC SCALE

30 0 15 30 60

(IN FEET)

SCALE = 1:30

- PROPOSED CONTOURS
- PROPOSED SPOT GRADES
- EXISTING SPOT GRADES
- PROPOSED CONTOURS - MAJOR
- PROPOSED CONTOURS - MINOR
- PROPOSED FLOW DIRECTION
- L.O.C. (LIMITS OF CONSTRUCTION)
- FENCE (REF ARCH)
- PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXISTING EASEMENT
- EXISTING TREE (TO REMAIN)
- 50 ' STREAM BUFFERS
- 100 ' STREAM BUFFERS
- 200' STREAM BUFFERS
- 400' STREAM BUFFERS

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

!!! CAUTION !!!

EXISTING OVERHEAD UTILITIES IN VICINITY
CONTRACTOR SHALL EXERCISE EXTREME CAUTION
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STATE OF TEXAS
DAVID P SMITH
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REGISTERED PROFESSIONAL ENGINEER
7-27-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

23-134.00

SHEET TITLE

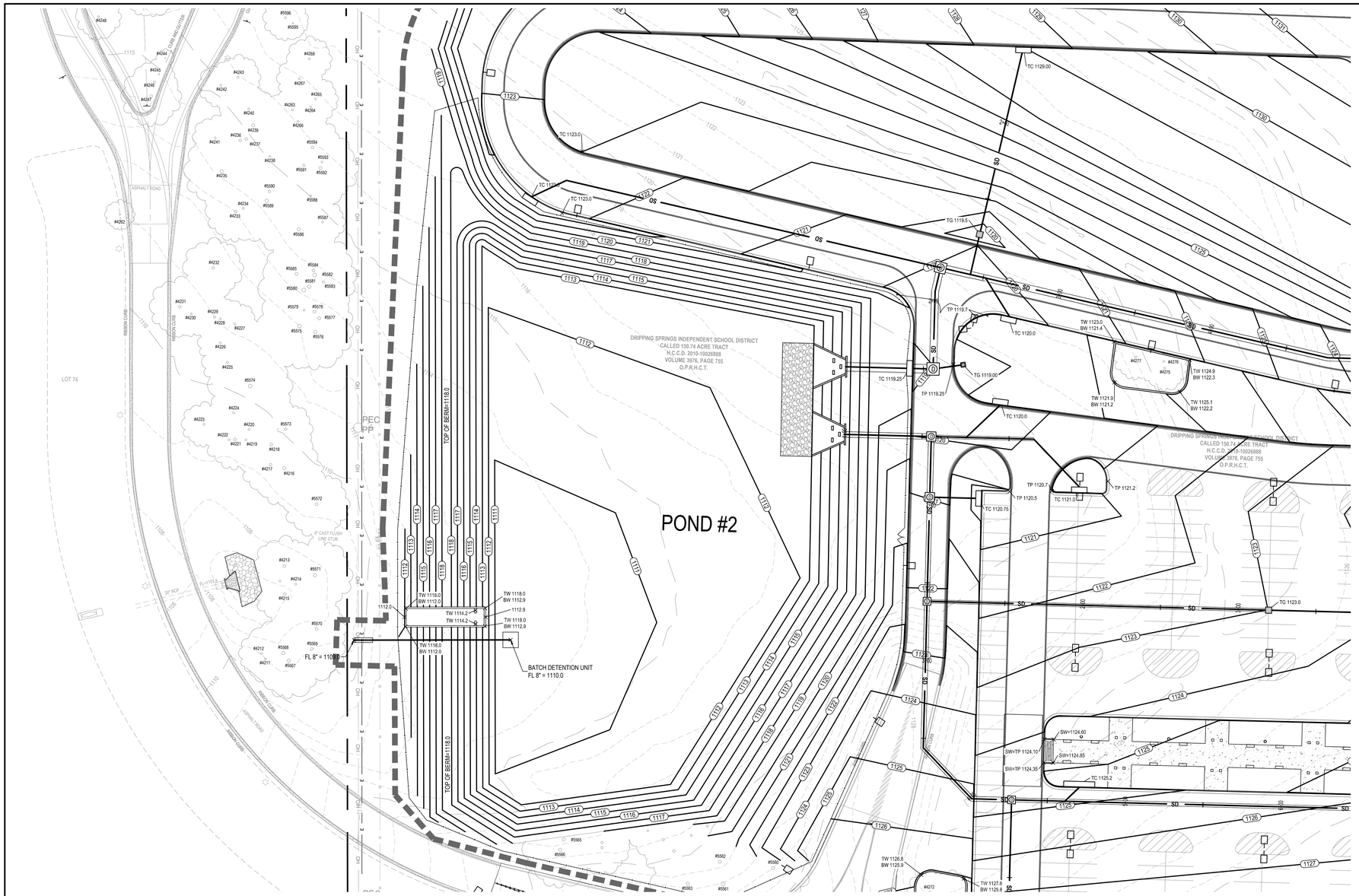
POND 1 PLAN

SHEET NO.

C10.0

DRIPPING SPRINGS HS No.2

Drawing Path: G:\Projects\3-008992 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_POND PLAN.dwg Plotted By: Brian Green Date: 7/23/2025 8:12:15 PM Layout: POND 1 PLAN Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), 1:30



GRAPHIC SCALE

30 0 15 30 60

(IN FEET)

SCALE = 1:30

100	PROPOSED CONTOURS
+ 100	PROPOSED SPOT GRADES
100	*EXISTING SPOT GRADES*
100	PROPOSED CONTOURS - MAJOR
101	PROPOSED CONTOURS - MINOR
	PROPOSED FLOW DIRECTION
	L.O.C. (LIMITS OF CONSTRUCTION)
	FENCE (REF ARCH)
	PROPERTY LINE
	PROPERTY LINE (ADJACENT)
	EXISTING EASEMENT
100	EXISTING TREE (TO REMAIN)
	50 ' STREAM BUFFERS
	100 ' STREAM BUFFERS
	200' STREAM BUFFERS
	400' STREAM BUFFERS

SEE ALL NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

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DAVID P. SMITH
56239
REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.

23-134.00

SHEET TITLE

POND 2 PLAN

SHEET NO.

C10.1

Drawing Path: G:\Projects\3-00899\2 Engineering\2.0 CAD_Production Drawings_Production Drawings\SHT_POND PLAN.dwg Plotted By: Brian Green Date: 7/23/2025 8:12:31 PM Layout: POND 2 PLAN Page Size: ARCH full bleed E1 (30.00 x 42.00 Inches), 1:30

HEC-HMS OUTPUT - EXISTING

BASIN NAME	AREA (FT^2)	AREA Acres	AREA (MI^2)	RUNOFF CURVE NO.	IMPERVOUS (%)	PERVIOUS (%)	T_C (min)	2-YR Q (FT^3/S)	10-YR Q (FT^3/S)	25-YR Q (FT^3/S)	100-YR Q (FT^3/S)
E1	3,880,127	89.08	0.1391804	72	5%	95%	20.2	146.7	323.8	453.0	675.1
OS	1,603,415	36.81	0.0575146	74	2%	98%	16.5	70.3	151.7	210.5	310.8
E1 + OS	5,483,542	125.88	0.1966950					214.9	471.8	658.5	978.3
E2	992,931	22.79	0.0356165	77	0%	100%	20.3	57.7	115.9	156.5	225.3

SCS TYPE B, C & D SOILS, GRASSLAND, GOOD CONDITION
SCS CURVE NUMBER RANGE: 72-77
SCS UNIT HYDROGRAPH METHOD
HEC-HMS FREQUENCY STORM RAINFALL DISTRIBUTION

DEPTH DURATION FREQUENCY RAINFALL

Year	5-MIN	15-MIN	60-MIN	2-HR	3-HR	6-HR	12-HR	24-HR
2	0.52	1.04	1.93	2.39	2.66	3.13	3.59	4.08
10	0.80	1.59	2.95	3.76	4.27	5.13	5.94	6.76
25	0.98	1.95	3.64	4.76	5.50	6.72	7.80	8.87
100	1.29	2.56	4.78	6.59	7.84	9.86	11.50	13.00

HEC-HMS OUTPUT - OPTIONAL ENHANCED METHODS (OEM)

BASIN NAME	AREA (FT^2)	AREA Acres	AREA (MI^2)	IMPERVOUS (%)	PERVIOUS (%)	T_C (min)	2-YR Q (FT^3/S)	10-YR Q (FT^3/S)	25-YR Q (FT^3/S)	100-YR Q (FT^3/S)
OEM-1	2,628,598	60.34	0.0942880	5%	95%	20.2	99.4	219.4	306.9	457.3
OEM-2	1,460,369	33.53	0.05238353	0%	100%	16.5	86.1	171.6	230.9	330.3

HEC-HMS OUTPUT - PROPOSED

BASIN OR JUNCTION NAME	AREA (FT^2)	AREA Acres	AREA (MI^2)	RUNOFF CURVE NO.	IMPERVOUS (%)	PERVIOUS (%)	T_C (min)	2-YR Q (FT^3/S)	10-YR Q (FT^3/S)	25-YR Q (FT^3/S)	100-YR Q (FT^3/S)
P1-1	2,628,598	60.34	0.0942880	72	65%	35%	10.8	225.8	377.1	480.8	657.1
POND OUTFLOW								45.4	203.9	335.4	520.9
POND PEAK STORAGE (ACRE-FEET)								13.2	15.9	17.1	18.7
POND PEAK ELEVATION (FT MSL)								1,102.1	1,102.7	1,103.0	1,103.4
OS	1,603,415	36.81	0.0575146	74	2%	98%	16.5	70.3	151.7	210.5	310.8
P1-2	729,034	16.74	0.0261505		3%	97%	13.3	32.2	71.7	100.7	150.6
P1 OUTFALL	4,961,047	113.89	0.1779531					134.9	400.4	632.9	972.5
P2-1	1,460,369	33.53	0.05238353	76	42%	58%	8.7	121.4	214.8	279.1	387.9
POND OUTFLOW								42.8	99.0	141.2	212.6
POND PEAK STORAGE (ACRE-FEET)								4.7	6.3	7.3	8.9
POND PEAK ELEVATION (FT MSL)								1,114.7	1,115.6	1,116.2	1,117.0
P2-2	59,872	1.37	0.0021476	75	0%	100%	7.8	3.5	7.6	10.4	15.3
P2 OUTFALL	1,520,241	34.90	0.0545311					44.1	102.4	146.2	220.5

SCS TYPE B, C & D SOILS, GRASSLAND, GOOD CONDITION
SCS CURVE NUMBER RANGE: 72-76
SCS UNIT HYDROGRAPH METHOD
HEC-HMS FREQUENCY STORM RAINFALL DISTRIBUTION

DEPTH DURATION FREQUENCY RAINFALL

Year	5-MIN	15-MIN	60-MIN	2-HR	3-HR	6-HR	12-HR	24-HR
2	0.52	1.04	1.93	2.39	2.66	3.13	3.59	4.08
10	0.80	1.59	2.95	3.76	4.27	5.13	5.94	6.76
25	0.98	1.95	3.64	4.76	5.50	6.72	7.80	8.87
100	1.29	2.56	4.78	6.59	7.84	9.86	11.50	13.00

HEC-HMS OUTPUT - STORM EVENT DELTA

JUNCTION NAME	2-YR Δ Q (FT^3/S)	10-YR Δ Q (FT^3/S)	25-YR Δ Q (FT^3/S)	100-YR Δ Q (FT^3/S)
P1 OUTFALL vs. E1+OS	-80.0	-71.4	-25.6	-5.8
P2 OUTFALL vs. E2	-13.6	-13.5	-10.3	-4.8

HEC-HMS OUTPUT - OPTIONAL ENHANCED METHODS (OEM)

BASIN NAME	AREA (FT^2)	AREA Acres	AREA (MI^2)	RUNOFF CURVE NO.	IMPERVOUS (%)	PERVIOUS (%)	T_C (min)	2-YR Q (FT^3/S)	10-YR Q (FT^3/S)	25-YR Q (FT^3/S)	100-YR Q (FT^3/S)
OEM-1	2,628,598	60.34	0.0942880	72	5%	95%	20.2	99.4	219.4	306.9	457.3
OEM-2	1,460,369	33.53	0.05238353	76	0%	100%	16.5	86.1	171.6	230.9	330.3

HEC-HMS OUTPUT - STORM EVENT DELTA

JUNCTION NAME	2-YR Δ Q (FT^3/S)	2-YR Δ PCT.
POND 1 vs. OEM-1	-54.0	46%
POND 2 vs. OEM-2	-43.3	50%

DRIPPING SPRINGS HS #2
POND 1

STAGE-AREA-STORAGE TABLE

WSEL (FT)	AREA (SF)	AREA (AC)	STORAGE (CF)	STORAGE (AF)	DISCHARGE (CFS)	NOTES
1,096.0	-	-	-	0.0	0	
1,097.0	11,777	0.27036	5,889	0.1	0	
1,098.0	47,110	1.08150	35,332	0.8	0	
1,099.0	96,292	2.21056	107,033	2.5	0	
1,099.7	130,930	3.00574	186,561	4.3	0	WQE
1,100.0	145,775	3.34653	228,067	5.2	0	
1,101.0	172,954	3.97048	387,431	8.9	14	
1,102.0	179,643	4.12404	563,730	12.9	43	
1,102.1	180,051	4.13339	574,520	13.2	45	2-YR
1,102.7	184,310	4.23117	688,747	15.8	204	10-YR
1,103.0	186,436	4.27998	746,769	17.1	338	25-YR
1,103.4	188,916	4.33692	814,332	18.7	521	100-YR
1,104.0	193,326	4.43815	936,650	21.5	913	TOP OF BERM

Weir # 1 @ 1100.10 - 5.5' long
Weir # 2 @ 1102.10 - 100' long

DRIPPING SPRINGS HS #2
POND 2

STAGE-AREA-STORAGE TABLE

WSEL (FT)	AREA (SF)	AREA (AC)	STORAGE (CF)	STORAGE (AF)	DISCHARGE (CFS)	NOTES
1,110.0	-	-	-	0.0	0	
1,111.0	14,885	0.34171	7,443	0.2	0	
1,112.0	46,416	1.06556	38,093	0.9	0	
1,112.9	61,065	1.40187	86,460	2.0	0	WQE
1,113.0	62,693	1.43923	92,648	2.1	0	
1,114.0	67,566	1.55110	157,777	3.6	17	
1,114.7	71,103	1.63230	206,311	4.7	43	2-YR
1,115.0	72,619	1.66710	227,924	5.2	59	
1,115.6	75,992	1.74453	275,479	6.3	99	10-YR
1,116.0	77,889	1.78809	303,178	7.0	125	
1,116.2	78,993	1.81343	318,866	7.3	141	25-YR
1,117.0	83,410	1.91483	383,827	8.8	209	
1,117.0	83,641	1.92013	387,168	8.9	213	100-YR
1,118.0	89,183	2.04736	470,124	10.8	306	TOP OF BERM

Weir # 1 @ 1112.90 - 5' long
Weir # 2 @ 1114.20 - 6' long

Texas Commission on Environmental Quality

TSS Removal Calculations 04-20-2009

Project Name: Dripping Springs HS 2
Date Prepared: 5/19/2025

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

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

Page 3-29 Equation 3.3: $L_M = 27.7(A_N \times P)$

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

Site Data: Determine Required Load Removal Based on the Entire Project

County =	Hays	
Total project area included in plan * =	119.61	acres
Predevelopment impervious area within the limits of the plan * =	4.48	acres
Total post-development impervious area within the limits of the plan * =	53.77	acres
Total post-development impervious cover fraction * =	0.49	
P =	33	inches
$L_{M\ TOTAL\ PROJECT}$ =	45129	lbs.

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

Number of drainage basins / outfalls areas leaving the plan area = 3

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

Drainage Basin/Outfall Area No. = 1

Total drainage basin/outfall area =	60.34	acres
Predevelopment impervious area within drainage basin/outfall area =	3.02	acres
Post-development impervious area within drainage basin/outfall area =	39.22	acres
Post-development impervious fraction within drainage basin/outfall area =	0.65	
$L_{M\ THIS\ BASIN}$ =	33094	lbs.

3. Indicate the proposed BMP Code for this basin.

Proposed BMP = Wet Basin Batch Detention
Removal efficiency = 91 percent

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

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

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

A_C =	60.34	acres
A_I =	39.22	acres
A_P =	21.12	acres
L_R =	41095	lbs

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

Desired $L_{M\ THIS\ BASIN}$ = 33094 lbs.

F = 0.81

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

Rainfall Depth =	1.12	inches
Post Development Runoff Coefficient =	0.60	
On-site Water Quality Volume =	147804	cubic feet

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

Off-site area draining to BMP =	0.00	acres
Off-site Impervious cover draining to BMP =	0.00	acres
Impervious fraction of off-site area =	0	
Off-site Runoff Coefficient =	0.00	
Off-site Water Quality Volume =	0	cubic feet
Storage for Sediment =	29561	
Total Capture Volume (required water quality volume(s) x 1.20) =	177365	cubic feet

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

Texas Commission on Environmental Quality

TSS Removal Calculations 04-20-2009

Project Name: Dripping Springs HS 2
Date Prepared: 5/19/2025

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

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

Page 3-29 Equation 3.3: $L_M = 27.7(A_N \times P)$

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

Site Data: Determine Required Load Removal Based on the Entire Project

County =	Hays	
Total project area included in plan * =	119.61	acres
Predevelopment impervious area within the limits of the plan * =	4.48	acres
Total post-development impervious area within the limits of the plan * =	53.77	acres
Total post-development impervious cover fraction * =	0.49	
P =	33	inches
$L_{M\ TOTAL\ PROJECT}$ =	45129	lbs.

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

Number of drainage basins / outfalls areas leaving the plan area = 3

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

Drainage Basin/Outfall Area No. = 2

Total drainage basin/outfall area =	33.53	acres
Predevelopment impervious area within drainage basin/outfall area =	0.00	acres
Post-development impervious area within drainage basin/outfall area =	14.08	acres
Post-development impervious fraction within drainage basin/outfall area =	0.42	
$L_{M\ THIS\ BASIN}$ =	12873	lbs.

3. Indicate the proposed BMP Code for this basin

Proposed BMP = Wet Basin Batch Detention
Removal efficiency = 91 percent

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

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

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

A_C =	33.53	acres
A_I =	14.08	acres
A_P =	19.45	acres
L_R =	14948	lbs

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

Desired $L_{M\ THIS\ BASIN}$ = 12873 lbs.

F = 0.86

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

Rainfall Depth =	1.38	inches
Post Development Runoff Coefficient =	0.61	
On-site Water Quality Volume =	68362	cubic feet

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

Off-site area draining to BMP =	0.00	acres
Off-site Impervious cover draining to BMP =	0.00	acres
Impervious fraction of off-site area =	0	
Off-site Runoff Coefficient =	0.00	
Off-site Water Quality Volume =	0	cubic feet
Storage for Sediment =	13672	
Total Capture Volume (required water quality volume(s) x 1.20) =	82034	cubic feet

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

DRIPPING SPRINGS HIGH SCHOOL #2
Batch Detention Pond #1

Drainage Area Data

Drainage Area Control (DA)	60.34	AC
Drainage Area Impervious Cover	39.22	
	65	%

Water Quality Control Calculations :

	Required		Provided	
Load Removal (L_M) for this basin	33,094	LB	33,094	LB
Water Quality Volume:				
On-site Water Quality Volume	147,804	CF		
Storage for Sediment	29,561	CF		
Total WQV	177,365	CF	186,561	CF
Water Quality Elevation	1,099.70	FT		
Elevation of Overflow	1,099.70	FT	1,100.10	FT

Batch Detention Pond:

Stage (ft)*		Area (sf)		Storage (cf)			
					Total Vol		
Elev	Depth	Area	Avg Area	Inc. Vol	cf		ac-ft
	ft	sf	sf	cf	cf		ac-ft
1096.0		0			0		0.00
1097.0	1.0	11,777	5,889	5,889	5,889		0.14
1098.0	1.0	47,110	29,444	29,444	35,332		0.81
1099.0	1.0	96,292	71,701	71,701	107,033		2.46
1099.7	0.7	130,930	113,611	79,528	186,561		4.28

48-Hour Drawdown (Falling Head Orifice Equation)

A =	130930	sq. ft. (WQE surface area)
Cd =	0.6	(Orifice Coefficient)
t =	151200	sec (42hr Drawdown Time in Seconds)
g =	32.2	ft/s^2 (Gravitational Acceleration)
h2 =	0.00	
h1 =	4.10	(WQE - Orifice Elevation)

Falling head orifice equation:

$$A_o = \frac{-2A}{C_d * t * \sqrt{2g}} * \left[\sqrt{h_2} - \sqrt{h_1}\right]$$

Pipe Size = 0.73 sq. ft. = 12 "

DRIPPING SPRINGS HIGH SCHOOL #2
Batch Detention Pond #2

Drainage Area Data

Drainage Area Control (DA)	33.53	AC
Drainage Area Impervious Cover	14.08	
	42	%

Water Quality Control Calculations :

	Required		Provided	
Load Removal (L_M) for this basin	12,873	LB	12,873	LB
Water Quality Volume:				
On-site Water Quality Volume	68,362	CF		
Storage for Sediment	13,672	CF		
Total WQV	82,034	CF	86,459	CF
Water Quality Elevation	1,112.90	FT		
Elevation of Overflow	1,112.90	FT	1,112.90	FT

Batch Detention Pond:

Stage (ft)*		Area (sf)		Storage (cf)			
					Total Vol		
Elev	Depth	Area	Avg Area	Inc. Vol	cf		ac-ft
	ft	sf	sf	cf	cf		ac-ft
1110.0	0.0	0	0	0	0		0.00
1111.0	1.0	14,885	7,443	7,443	7,443		0.17
1112.0	1.0	46,416	30,651	30,651	38,093		0.87
1112.9	0.9	61,065	53,741	48,366	86,459		1.98

48-Hour Drawdown (Falling Head Orifice Equation)

A =	61065	sq. ft. (WQE surface area)
Cd =	0.6	(Orifice Coefficient)
t =	129600	sec (36hr Drawdown Time in Seconds)
g =	32.2	ft/s^2 (Gravitational Acceleration)
h2 =	0.00	
h1 =	2.90	(WQE - Orifice Elevation)

Falling head orifice equation:

$$A_o = \frac{-2A}{C_d * t * \sqrt{2g}} * \left[\sqrt{h_2} - \sqrt{h_1}\right]$$

Pipe Size = 0.33 sq. ft. = 8 "

Pre-Developed Tc Calculations (SCS Unit Hydrograph Model)

PROJECT NAME: DSISD High School No. 2
PROJECT NO. 3-00895
Date: 7/6/2025

AREA No.	Sheet Flow					Shallow Concentrated Flow					Shallow Concentrated Flow					Open Channel Flow						Total T_c (minimum 5 min)		T lag
	L (ft)	n	s (ft/ft)	P_2 (in)	$t_{sheet\ min}$	L (ft)	Surface	s (ft/ft)	V (fps)	$t_{shallow\ min}$	L (ft)	Surface	s (ft/ft)	V (fps)	$t_{shallow\ min}$	L (ft)	n	s (ft/ft)	R	V (fps)	$t_{channel\ min}$	min	hrs	
E1	100	0.15	0.0100	4.14	11.37	1212	Unpaved	0.0350	3.02	6.69						874	0.04	0.0330	1.00	6.75	2.16	20.2	0.34	12.1
OS	100	0.40	0.0900	4.14	10.34	1128	Unpaved	0.0363	3.08	6.11												16.5	0.27	9.9
E2	100	0.15	0.0400	4.14	6.53	1943	Unpaved	0.0211	2.34	13.82												20.3	0.34	12.2

EQUATIONS USED:
$T_c = t_{sheet} + t_{shallow} + t_{channel}$
where: $t_{sheet} = 0.007(nL)^{0.08} / (P_2)^{0.5} S^{0.4}$
$t_{shallow} = L/V_{shallow}$
$t_{channel} = L/V_{channel}$

P_2 = 2-year, 24-hour rainfall depth (in) = 4.14 FOR AUSTIN AREA - ZONE 1

$V_{shallow}$ = 16.1345 x Unpaved
$V_{shallow}$ = 20.3282 x Paved
$V_{channel} = 1.49R^{2/3}S^{1/2} / n$
where:
*R = Hydraulic radius = A / Pw
Cross sectional flow area, A
Wetted perimeter, Pw

Post-Developed Tc Calculations (SCS Unit Hydrograph Model)

PROJECT NAME: DSISD High School No. 2
PROJECT NO. 3-00895
Date: 7/6/2025

AREA No.	Sheet Flow					Shallow Concentrated Flow					Shallow Concentrated Flow					Open Channel Flow						Total T_c (minimum 5 min)		T lag
	L (ft)	n	s (ft/ft)	P_2 (in)	$t_{sheet\ min}$	L (ft)	Surface	s (ft/ft)	V (fps)	$t_{shallow\ min}$	L (ft)	Surface	s (ft/ft)	V (fps)	$t_{shallow\ min}$	L (ft)	n	s (ft/ft)	R	V (fps)	$t_{channel\ min}$	min	hrs	
P1-1	100	0.15	0.0400	4.14	8.53	65	Unpaved	0.6538	3.74	0.29						2250	0.013	0.0109	0.70	9.43	3.98	10.8	0.18	6.5
P1-2	12	0.016	0.0150	4.14	0.30	58	Unpaved	0.6776	4.49	0.22						2450	0.045	0.0167	1.34	5.21	7.84			
	88	0.15	0.0625	4.14	4.93																	13.3	0.22	8.0
OS	100	0.40	0.0900	4.14	10.34	1128	Unpaved	0.6363	3.08	6.11												16.5	0.27	9.9
P2-1	100	0.15	0.0450	4.14	6.23	407	Unpaved	0.6688	4.23	1.60	180	Paved	0.0278	3.39	0.89							8.7	0.15	5.2
P2-2	100	0.15	0.0350	4.14	6.89	165	Unpaved	0.6364	3.08	0.89												7.8	0.13	4.7

EQUATIONS USED:
$T_c = t_{sheet} + t_{shallow} + t_{channel}$
where: $t_{sheet} = 0.007(nL)^{0.08} / (P_2)^{0.5} S^{0.4}$
$t_{shallow} = L/V_{shallow}$
$t_{channel} = L/V_{channel}$

P_2 = 2-year, 24-hour rainfall depth (in) = 4.14 FOR AUSTIN AREA - ZONE 1

$V_{shallow}$ = 16.1345 x Unpaved
$V_{shallow}$ = 20.3282 x Paved
$V_{channel} = 1.49R^{2/3}S^{1/2} / n$
where:
*R = Hydraulic radius = A / Pw
Cross sectional flow area, A
Wetted perimeter, Pw

!!! 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.

"RELEASE OF THIS APPLICATION DOES NOT CONSTITUTE A VERIFICATION OF ALL DATA, INFORMATION AND CALCULATIONS SUPPLIED BY THE APPLICANT. THE ENGINEER OF RECORD IS SOLELY RESPONSIBLE FOR THE COMPLETENESS, ACCURACY AND ADEQUACY OF HIS/HER SUBMITTAL, WHETHER OR NOT THE APPLICATION IS REVIEWED FOR CODE COMPLIANCE BY CITY ENGINEERS"

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STATE OF TEXAS
DAVID P. SMITH
56239
LICENSED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.
23-134.00

SHEET TITLE
POND DETAILS 1

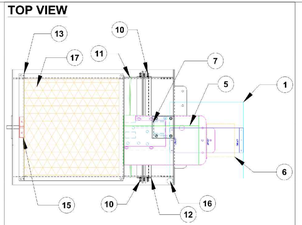
SHEET NO.
C10.2

DRIPPING SPRINGS HS No.2

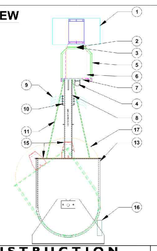
Parts List

Item	smartBatch Component
1	12 V SOLAR PANEL WITH 39 WATT CHARGING CAPACITY
2	ANTENNA (NOT DISPLAYED)
3	CELL DATA MODEM (NOT DISPLAYED)
4	CAMERA
5	WEATHERPROOF ELECTRONIC BOX
6	CONTROL BOX
7	PEDESTAL
8	REMOTE GREASE MANIFOLD
9	GREASE TUBES
10	GREASE FITTINGS
11	¾" Galvanized Cables
12	24" Rotary Valve
13	24" Drum
14	Outlet Pipe (Size TBD By Engineer, Max 24")
15	Inclinometer
16	Level Transducer
17	Beehive Grate

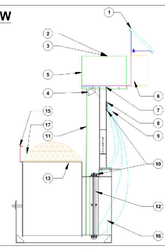
TOP VIEW



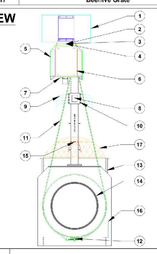
FRONT VIEW



SIDE VIEW



BACK VIEW

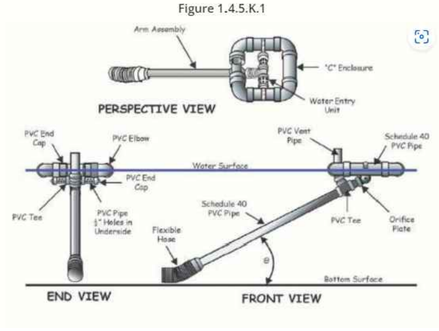


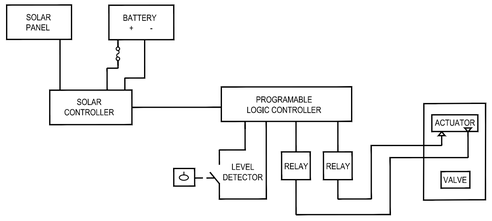
CONSTRUCTION ECO SERVICES

smart BATCH
AUTOMATED BATCH DETENTION SYSTEMS
FOR ADDITIONAL INFORMATION PLEASE CONTACT: CONSTRUCTION ECO SERVICES, 832-456-1000, www.ecosvs.com

CONVERGENT WATER TECHNOLOGIES

Figure 1.4.5.K.1





CONTROLLER CIRCUIT DIAGRAM

LOGIC CONTROLLER CYCLE OVERVIEW:

1. CASE 1: A SINGLE RAIN EVENT FILLS THE BATCH DETENTION BASIN. THE BASIN HOLDS THE DIVERTED STORM WATER FOR THE DETENTION TIME (12 HOURS) AND THEN RELEASES THE WATER. ONCE THE BATCH DETENTION BASIN IS EMPTY, A DELAY OF 2 HOURS IS STARTED TO ALLOW THE BASIN TO COMPLETELY DRAIN, AND THEN A CLOSE SIGNAL IS SENT TO THE ACTUATOR TO CLOSE THE VALVE.
2. CASE 2: A SINGLE RAIN EVENT OCCURS, BUT DOES NOT COMPLETELY FILL THE BATCH DETENTION BASIN. THE BASIN HOLDS THE WATER FOR THE DETENTION PERIOD (12 HOURS), AND THEN RELEASES IT. ONCE THE BATCH DETENTION BASIN IS EMPTY, A DELAY OF 2 HOURS IS STARTED TO ALLOW THE BASIN TO COMPLETELY DRAIN, AND THEN A CLOSE SIGNAL IS SENT TO THE ACTUATOR TO CLOSE THE VALVE.
3. CASE 3: A SINGLE RAIN EVENT FILLS THE BATCH DETENTION BASIN UNDER THE TRIP POINT OF THE LEVEL SENSOR. THE LEVEL SENSOR DOES NOT TRIP. THE CAPTURED WATER IS HELD UNTIL IT INFILTRATES / EVAPORATES OR IS JOINED BY STORM WATER FROM A SUBSEQUENT STORM.
4. CASE 4: BEGINS THE SAME AS CASE 1. DURING THE DRAWDOWN PERIOD, ONE OR MORE ADDITIONAL RAIN EVENTS OCCUR CAUSING ADDITIONAL WATER TO ENTER THE BATCH DETENTION BASIN. THE VALVE REMAINS OPEN AND ADDITIONAL WATER VOLUME IS DRAINED. ONCE THE BATCH DETENTION BASIN IS EMPTY, A DELAY OF 2 HOURS IS STARTED TO ALLOW THE BASIN TO COMPLETELY DRAIN, AND THEN A CLOSE SIGNAL IS SENT TO THE ACTUATOR TO CLOSE THE VALVE.
5. CASE 5: BEGINS THE SAME AS CASE 2. DURING THE DRAWDOWN PERIOD, ONE OR MORE OF THE ADDITIONAL RAIN EVENTS CAN OCCUR CAUSING ADDITIONAL WATER TO ENTER THE BASIN. THE VALVE REMAINS OPEN AND THE ADDITIONAL WATER VOLUME IS DRAINED. ONCE THE BATCH DETENTION BASIN IS EMPTY, A DELAY OF 2 HOURS IS STARTED TO ALLOW THE BASIN TO COMPLETELY DRAIN, AND THEN A CLOSE SIGNAL IS SENT TO THE ACTUATOR TO CLOSE THE VALVE.
6. CASE 6: INTERMITTENT NUISANCE WATER LESS THAN THE FLOAT ON ELEVATION, TO ALLEVIATE SMALL FLOWS DUE TO IRRIGATION OUTSIDE OF STORM EVENTS. THE CONTROLLER WILL OPEN THE VALVE ONCE A WEEK FOR THE TWO HOURS TO DRAIN.

BATCH DETENTION POND CONTROLLER INFORMATION

COMPONENT	DESCRIPTION	VOLTAGE
POWER SYSTEM	SOLAR CHARGED 12 VDC BATTERY (MODEL MK POWERED 8GU1) (OR APPROVED EQUAL)	
LOGIC CONTROLLER	IDEC FL1C-H12RCE (OR APPROVED EQUAL)	12
PARTS ENCLOSURE	SOUTHWEST PHOTOVOLTAIC MODEL 88G-1 (15.75" WIDE x 9.75" DEEP x 11.75" TALL) (OR APPROVED EQUAL)	
NATURE OF EVENT SENSING	ANCHOR SCIENTIFIC FLOAT SWITCH (OR APPROVED EQUAL)	
VALVE TYPE	KEYSTONE 4" BUTTERFLY VALVE WITH OVER TORQUE SENSORS AND MECHANICAL HAND CRANK FOR PHYSICAL OVERRIDE IF NECESSARY. ABLE TO WITHSTAND 100 psi MINIMUM. (OR APPROVED EQUAL)	
ACTUATOR	EPI-6 12 VDC. ABLE TO WITHSTAND 100 psi MINIMUM. (OR APPROVED EQUAL)	12
POWER CONSUMPTION (ACTUATOR, CONTROLLER, RELAY, PLC)	242.58 W, 46.5 W-HOURS	

Texas Commission on Environmental Quality

TSS Removal Calculations 04-20-2009

Project Name: **Dripping Springs HS 2**
Date Prepared: **5/19/2025**

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

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

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

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

Site Data: Determine Required Load Removal Based on the Entire Project

	County =	Hays
Total project area included in plan =	19.61	acres
Predevelopment impervious area within the limits of the plan =	0.00	acres
Total post-development impervious area within the limits of the plant =	23.77	acres
Total post-development impervious cover fraction: *	0.49	acres
P =	33	inches

$L_{M\ TOTAL\ PROJECT}$ = **44315** lbs.

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

Number of drainage basins / outfalls areas leaving the plan area = **3**

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

Drainage Basin/Outfall Area No. = **3**

Total drainage basin/outfall area =	19.74	acres
Predevelopment impervious area within drainage basin/outfall area =	0.00	acres
Post-development impervious area within drainage basin/outfall area =	0.50	acres
Post-development impervious fraction within drainage basin/outfall area =	0.03	
L_M TSS for basin =	451	lbs.

3. Indicate the proposed BMP Code for this basin.

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

Aquatogic Cartridge Filter
Bioretention
Contech StormFilter
Constructed Wetland
Extended Detention
Pond System
Robertson I-Jet
Sand Filter
Stormceptor
Vegetated Filter Strips
Vortechs
Wet Basin
Wet Vault

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

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

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

A_C =	19.74	acres
A_I =	0.50	acres
A_P =	19.24	acres
L_R =	733	lbs

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

Desired $L_{M\ TSS\ BASIN}$ = **451** lbs.

F = **0.61**

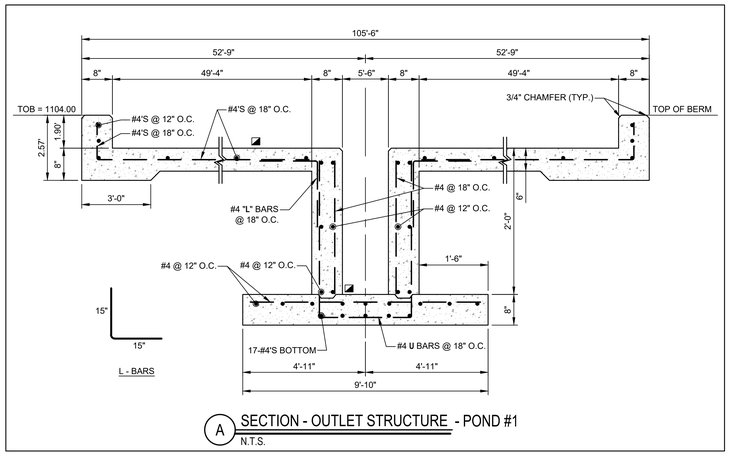
6. Calculate Capture Volume required by the BMP Type for this drainage basin / outfall area. Calculations from RG-348 Pages 3-34 to 3-36

Rainfall Depth =	0.60	inches
Post Development Runoff Coefficient =	0.90	
On-site Water Quality Volume =	2005	cubic feet

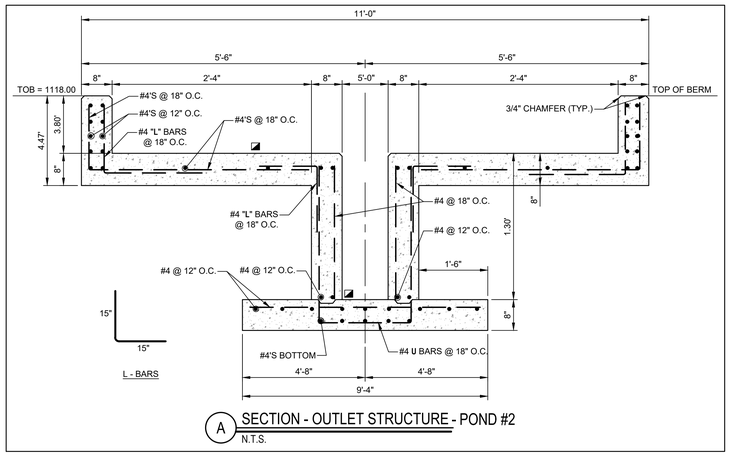
Calculations from RG-348 Pages 3-36 to 3-37

Off-site area draining to BMP =	0.00	acres
Off-site Impervious cover draining to BMP =	0.00	acres
Impervious fraction of off-site area =	0	
Off-site Runoff Coefficient =	0.00	
Off-site Water Quality Volume =	0	cubic feet
Storage for Sediment =	401	
Total Capture Volume (required water quality volume(s) x 1.20) =	**2406**	cubic feet

The following sections are used to calculate the required water quality volume(s) for the selected BMP.



A SECTION - OUTLET STRUCTURE - POND #1
N.T.S.



A SECTION - OUTLET STRUCTURE - POND #2
N.T.S.

ATTACHMENT N:

Inspection, Maintenance, Repair and Retrofit Plan

PROJECT NAME: Dripping Springs High School No. 2

Batch Detention Pond:

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

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

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

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

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

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

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

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

Vegetated Filter Strips:
Once a vegetated area is well established, little additional maintenance is generally necessary. The key to establishing a viable vegetated feature is the care and maintenance it receives in the first few months after it is plant ed. Once established, all vegetated BMPs require some basic maintenance to insure the health of the plants including:

Seasonal Mowing and Lawn Care: If the filter strip is made up of turf grass, it should be mowed as needed to limit vegetation height to 18 inches, using a mulching mower (or removal of clippings). If native grasses are used, the filter may require less frequent mowing, but a minimum of twice annually. Grass clippings and brush debris should not be deposited on vegetated filter strip areas. Regular mowing should also include weed control practices, however herbicide use should be kept to a minimum (Urbonas et al., 1992). Healthy grass can be maintained without using fertilizers because runoff usually contains sufficient nutrients. Irrigation of the site can help assure a dense and healthy vegetative cover.

Inspection: Inspect filter strips at least twice annually for erosion or damage to vegetation; however, additional inspection after periods of heavy runoff is most desirable. The strip should be checked for uniformity of grass cover, debris and litter, and areas of sediment accumulation. More frequent inspections of the grass cover during the first few years after establishment will help to determine if any problems are developing, and to plan for long-term restorative maintenance
needs. Bare spots and areas of erosion identified during semi-annual inspections must be replanted and restored to meet specifications. Construction of a level spreader device may be necessary to reestablish shallow overland flow.

Debris and Litter Removal: Trash tends to accumulate in vegetated areas, particularly along highways. Any filter strip structures (i.e. level spreaders) should be kept free of obstructions to reduce floatables being flushed downstream, and for aesthetic reasons. The need for this practice is determined through periodic inspection, but should be performed no less than 4 times per year.

Sediment Removal: Sediment removal is not normally required in filter strips, since the vegetation normally grows through it and binds it to the soil. However, sediment may accumulate along the upstream boundary of the strip preventing uniform overland flow. Excess sediment should be removed by hand or with flat-bottomed shovels.

Grass Reseeding and Mulching: A healthy dense grass should be maintained on the filter strip. If areas are eroded, they should be filled, compacted, and reseeded so that the final grade is level. Grass damaged during the sediment removal process should be promptly replaced using the same seed mix used during filter strip establishment. If possible, flow should be diverted from the damaged areas until the grass is firmly established. Bare spots and areas of erosion identified during semi-annual inspections must be replanted and restored to meet specifications. Corrective maintenance, such as weeding or replanting should be done more frequently in the first two to three years after installation to ensure stabilization. Dense vegetation may require irrigation immediately after planting, and during particularly dry periods, particularly as the vegetation is initially established.

Responsible Party: Elaine Cogburn (Name Printed)
Entity: DRIPPING SPRINGS ISD
Mailing Address: 300 Sportsplex Drive, Dripping Springs, Texas 78620
City, State: DRIPPING SPRINGS, TX Zip Code: 78620
Telephone: 512-858-3000

Elaine Cogburn
Signature of Responsible Party

07.22.2025
Date

!!! 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.

"RELEASE OF THIS APPLICATION DOES NOT CONSTITUTE A VERIFICATION OF ALL DATA, INFORMATION AND CALCULATIONS SUPPLIED BY THE APPLICANT. THE ENGINEER OF RECORD IS SOLELY RESPONSIBLE FOR THE COMPLETENESS, ACCURACY AND ADEQUACY OF HIS/HER SUBMITTAL, WHETHER OR NOT THE APPLICATION IS REVIEWED FOR CODE COMPLIANCE BY CITY ENGINEERS"

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DRIPPING SPRINGS ISD
DRIPPING SPRINGS, TEXAS

Bid Package 2
Issue For Permitting, Bidding and Construction

STATE OF TEXAS
DAVID P SMITH
56239
REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

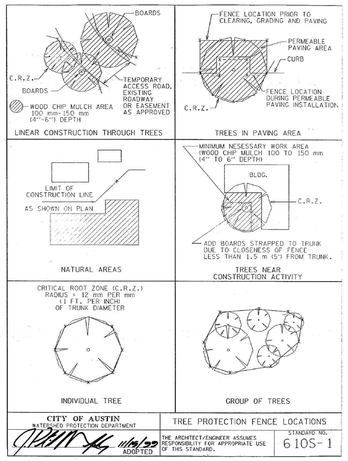
Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

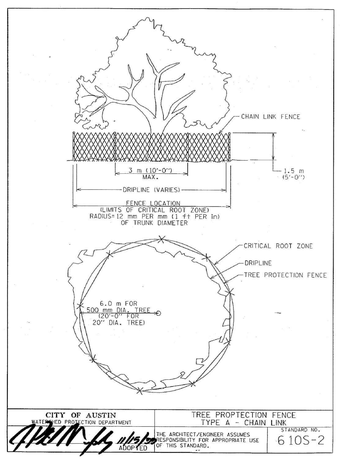
PROJECT NO.
23-134.00

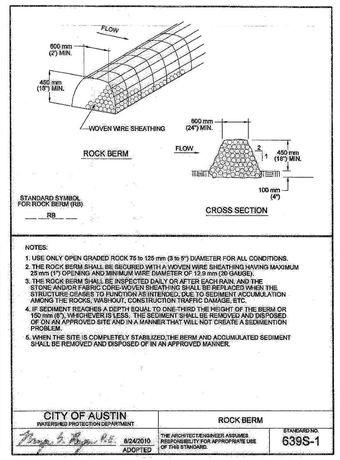
SHEET TITLE
POND DETAILS 2

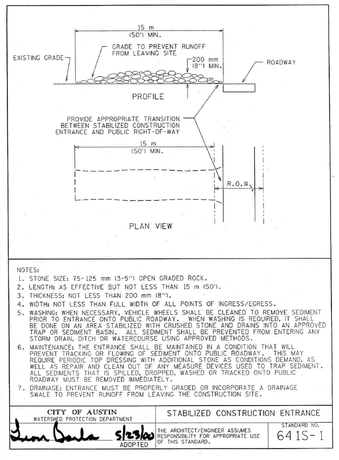
SHEET NO.
C10.3

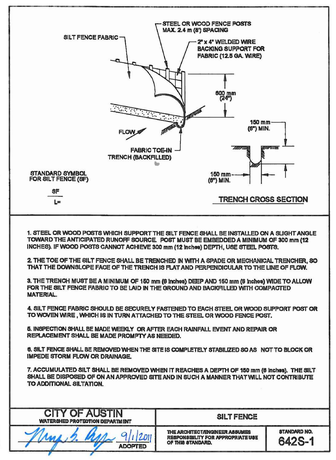
DRIPPING SPRINGS HS No.2

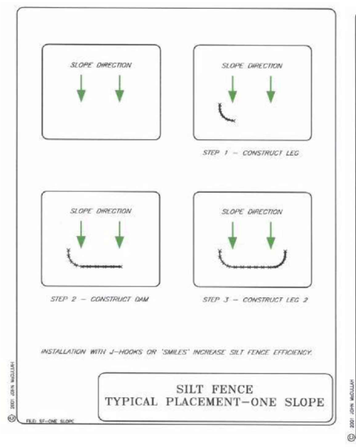


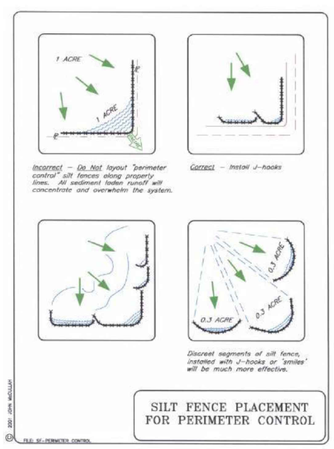


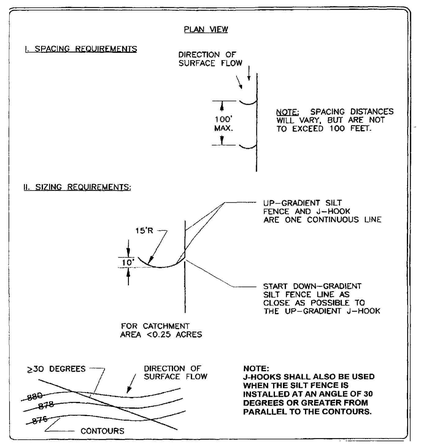


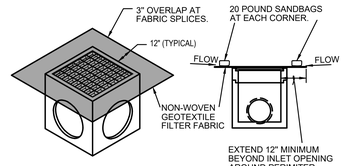












NOTES:
1. DAILY INSPECTION SHALL BE MADE BY THE CONTRACTOR AND SILT ACCUMULATION MUST BE REMOVED WHEN DEPTH REACHES 2".
2. CONTRACTOR SHALL MONITOR THE PERFORMANCE OF INLET PROTECTION DURING EACH RAINFALL EVENT AND IMMEDIATELY CLEAN THE INLET PROTECTION IF EXCESSIVE PONDING OCCURS.
3. INLET PROTECTIONS SHALL BE REMOVED AS SOON AS THE SOURCE OF SEDIMENT IS STABILIZED.

AREA INLET PROTECTION DETAIL

!!! CAUTION !!!
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Bid Package 2
Issue For Permitting, Bidding and Construction

STATE OF TEXAS
DAVID P SMITH
58239
REGISTERED PROFESSIONAL ENGINEER
7-29-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

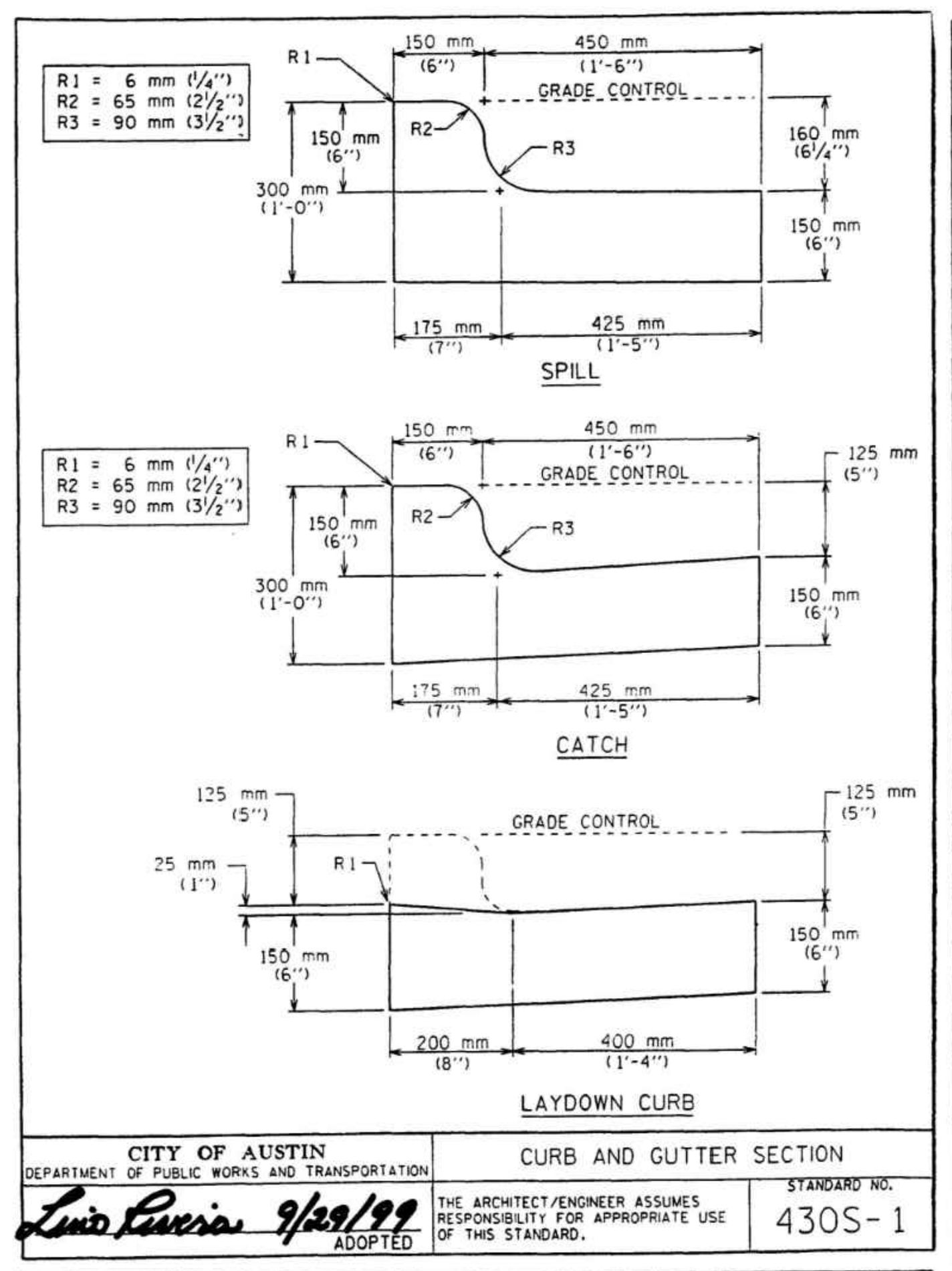
Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

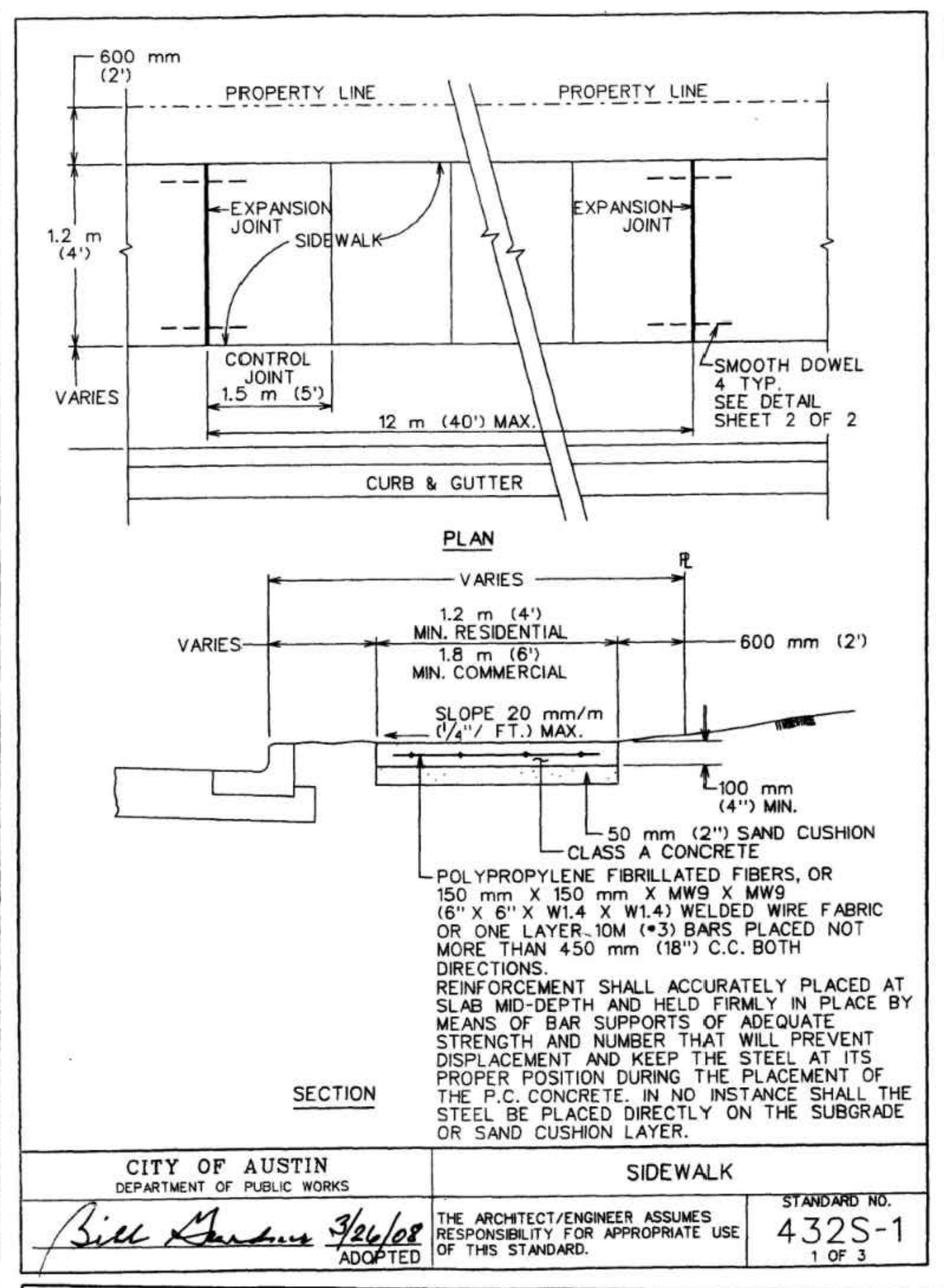
PROJECT NO.
23-134.00

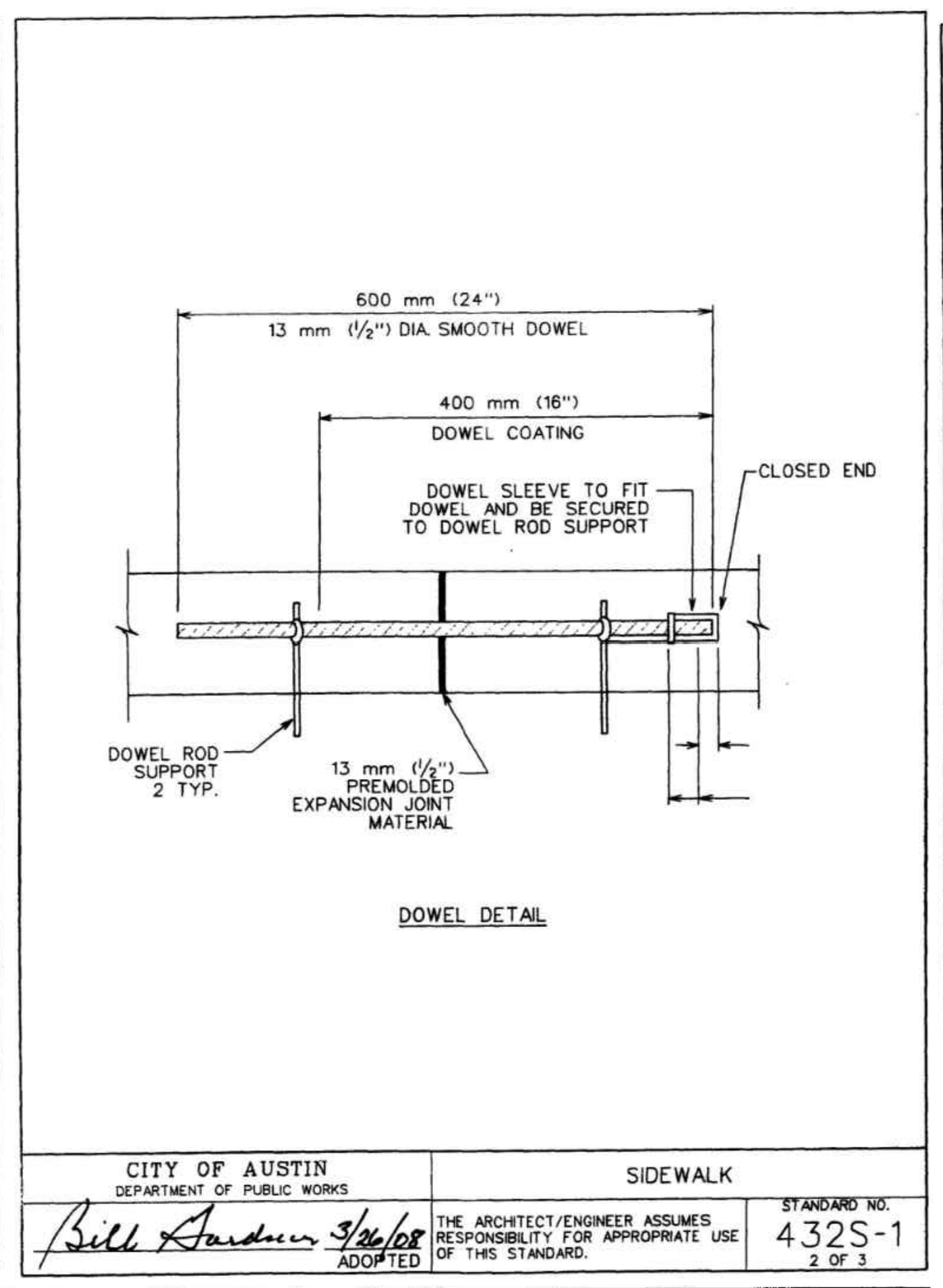
SHEET TITLE
CONSTRUCTION DETAILS (1 OF 5)

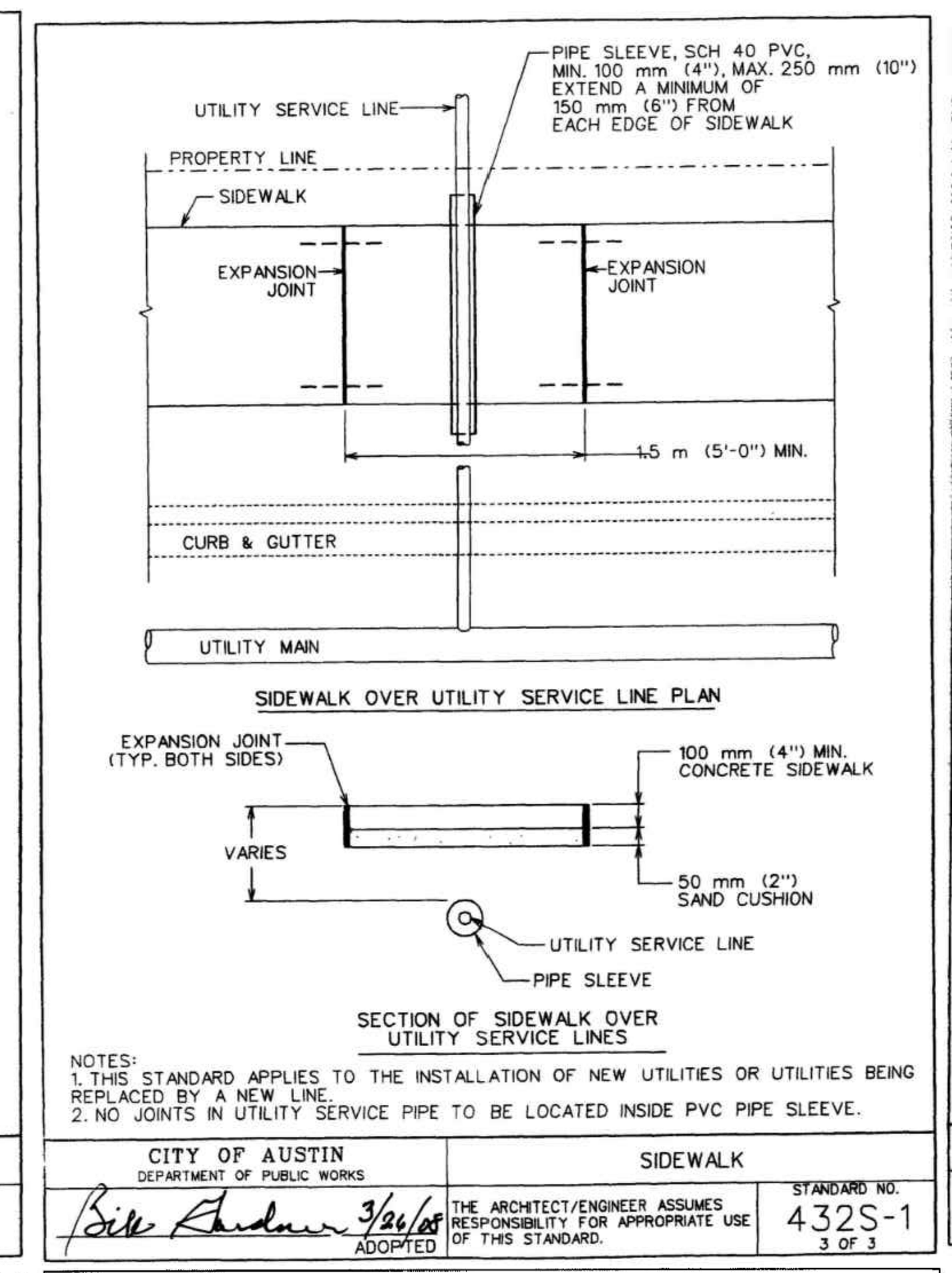
SHEET NO.
C11.0

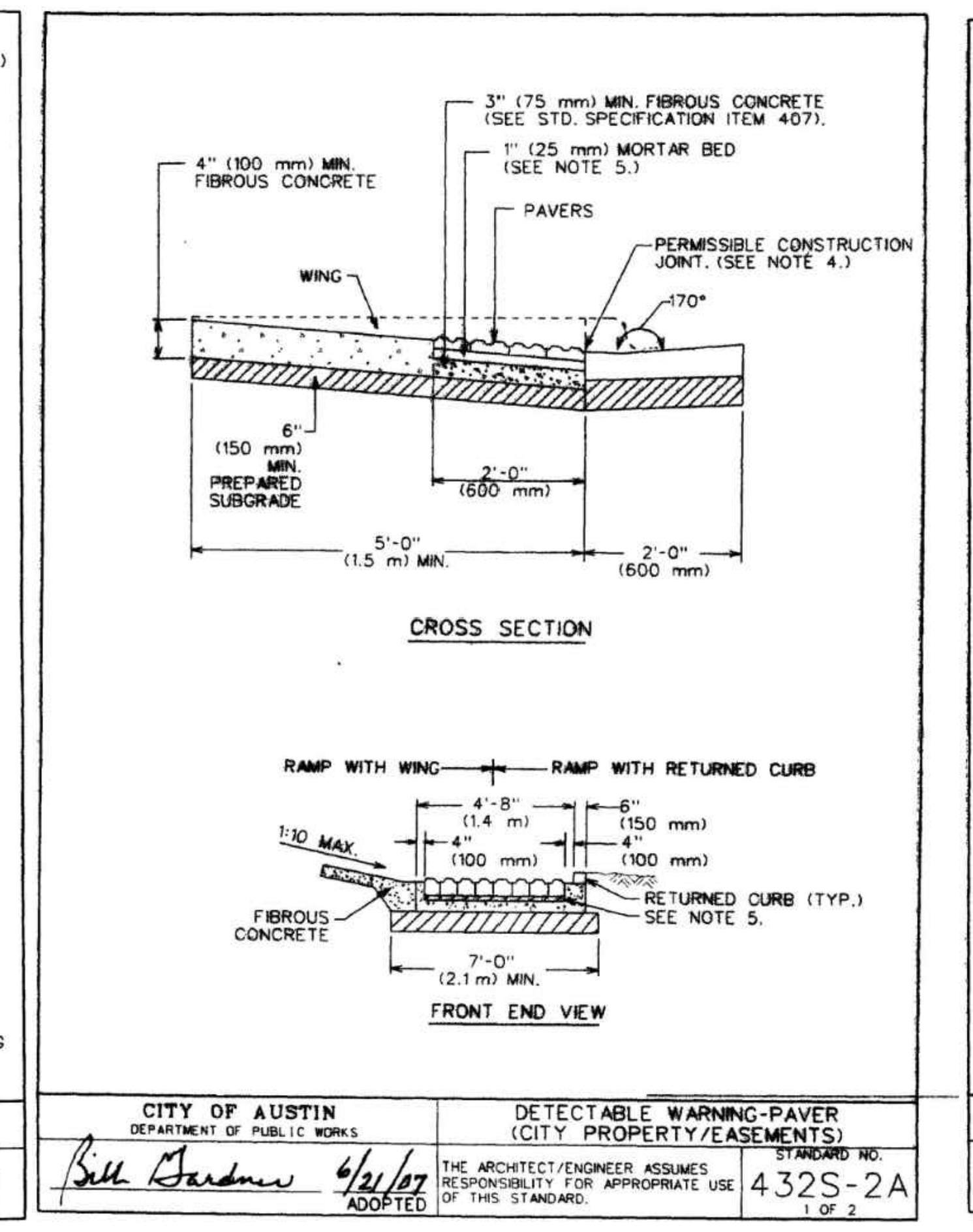
DRIPPING SPRINGS HS No.2







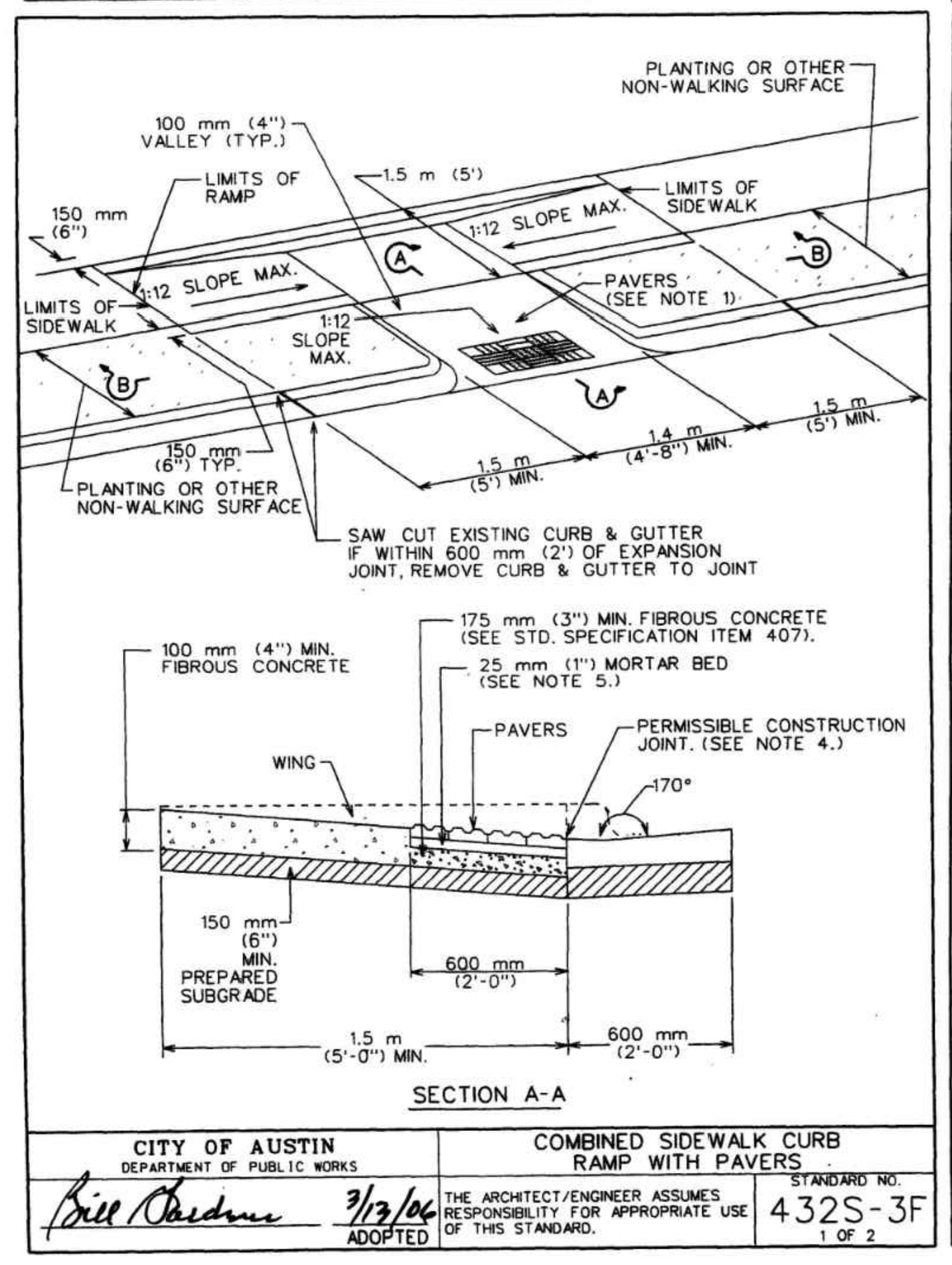


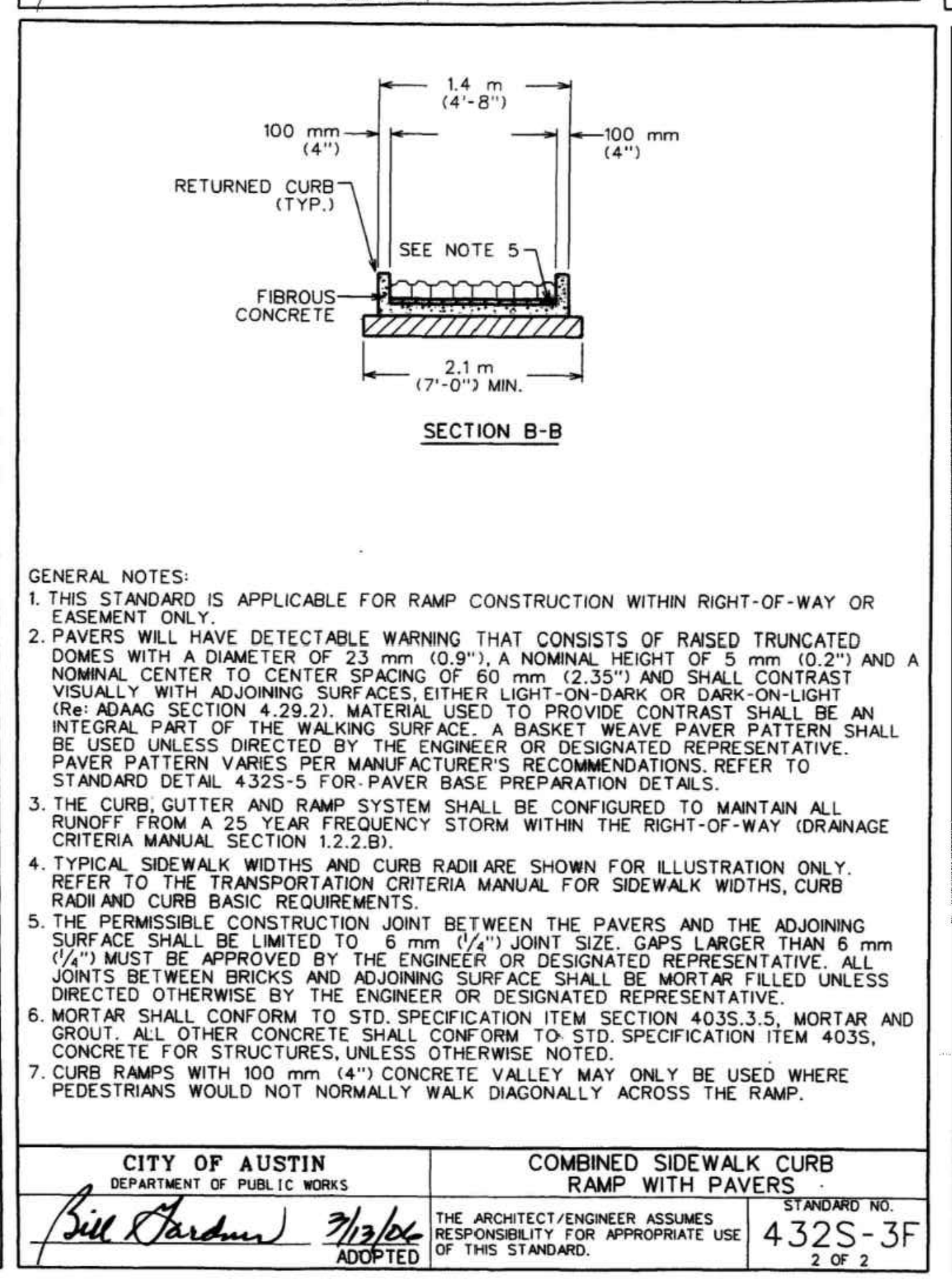


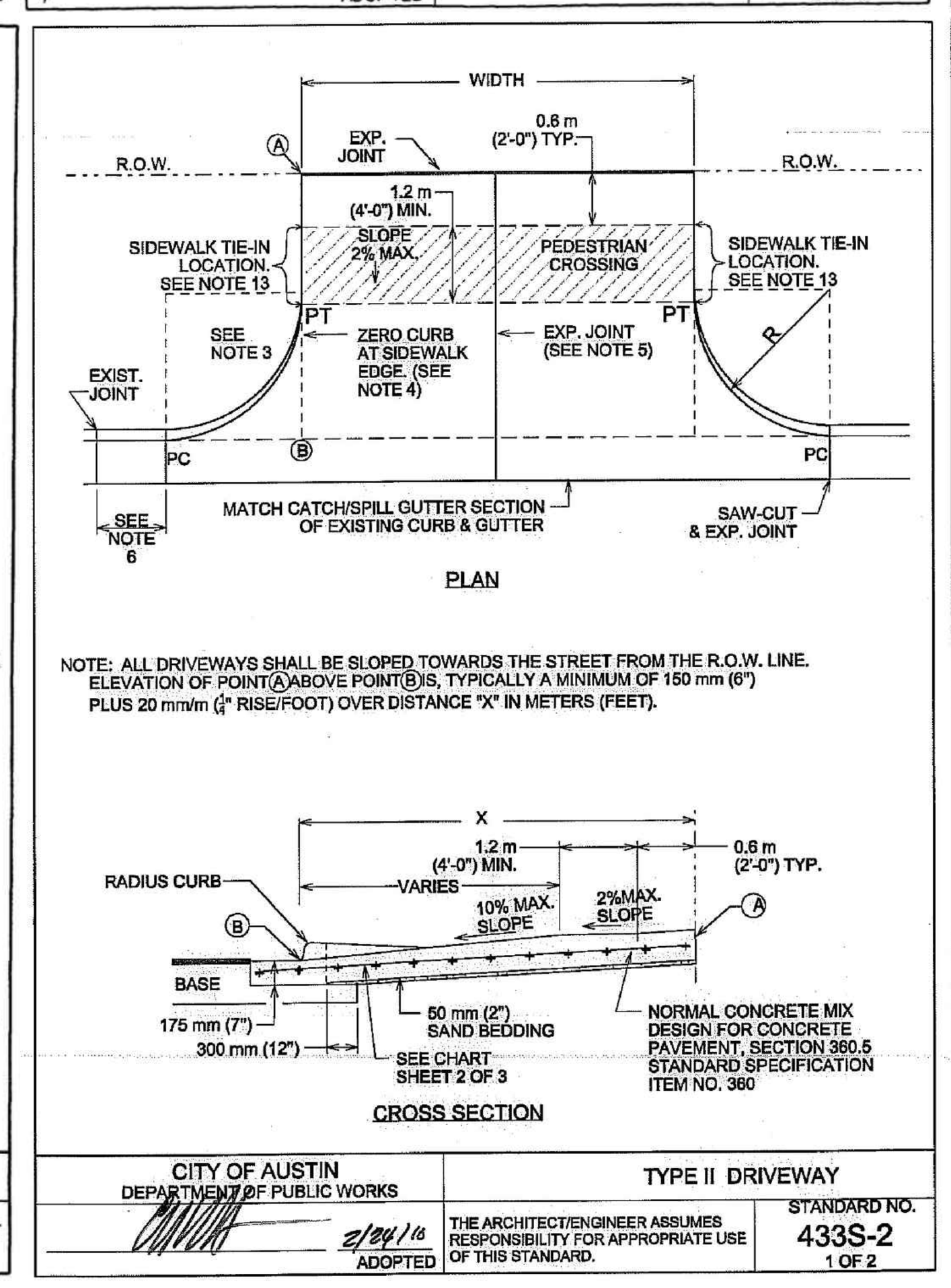
GENERAL NOTES:

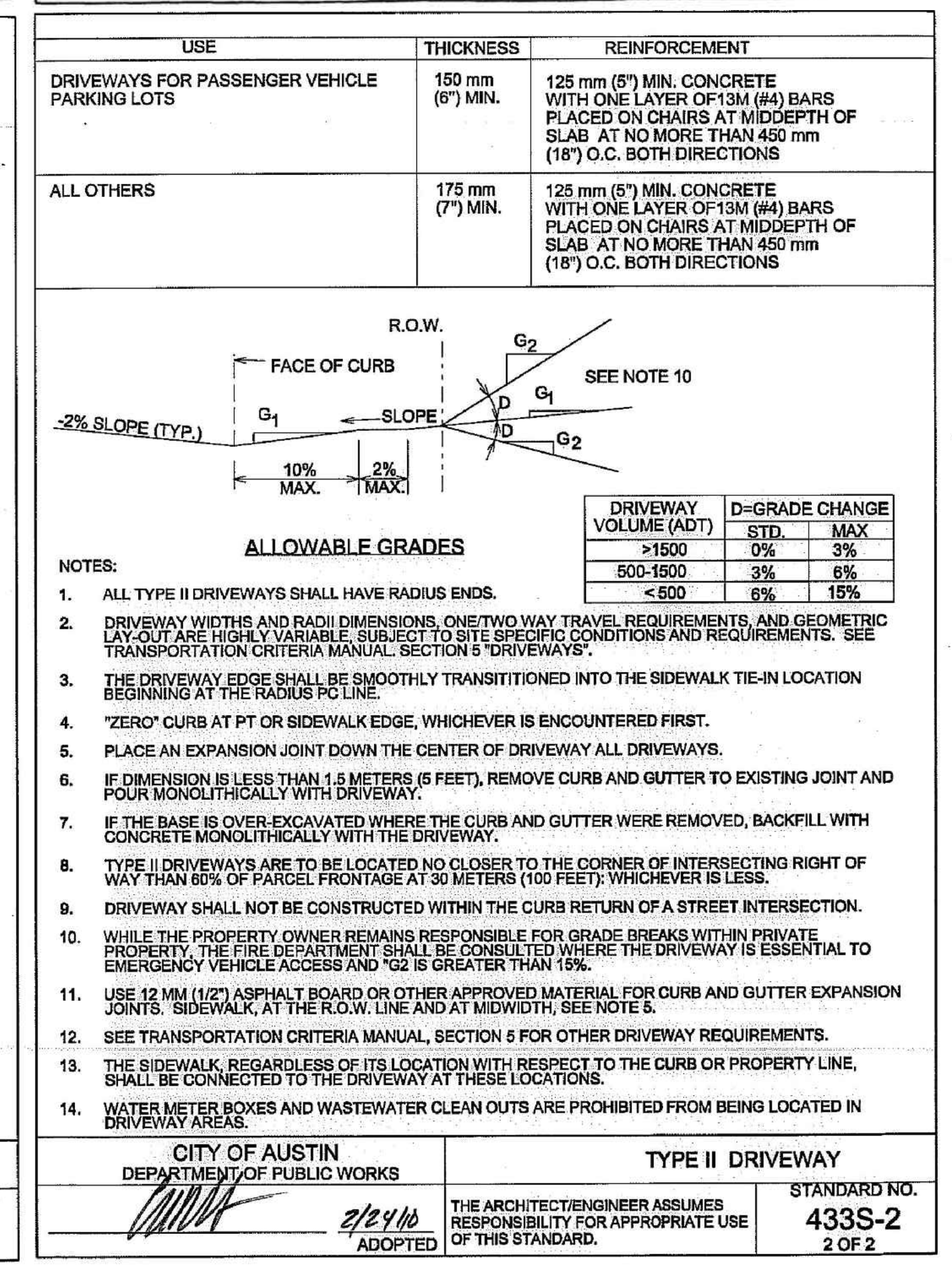
1. THIS STANDARD IS APPLICABLE FOR RAMP CONSTRUCTION ON CITY PROPERTY AND EASEMENT AREAS ONLY.
2. PAVERS ARE REQUIRED FOR ALL CURB RAMP INSTALLATIONS.
3. PAVERS WILL HAVE DETECTABLE WARNING THAT CONSISTS OF RAISED TRUNCATED DOMES WITH A DIAMETER OF 0.9" (23 mm), A NOMINAL HEIGHT OF 0.2" (5 mm) AND A NOMINAL CENTER TO CENTER SPACING OF 2.35" (60 mm) AND SHALL CONSTRAST VISUALLY WITH ADJOINING SURFACES, EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT (Re: ADAAG SECTION 4.29.2). MATERIAL USED TO PROVIDE CONTRAST SHALL BE AN INTEGRAL PART OF THE WALKING SURFACE. PAVER PATTERN SHALL BE BASKET WEAVE UNLESS DIRECTED OTHERWISE BY THE ENGINEER OR DESIGNATED REPRESENTATIVE.
4. TYPICAL SIDEWALK WIDTHS AND CURB RADII ARE SHOWN FOR ILLUSTRATION ONLY. REFER TO THE TRANSPORTATION CRITERIA MANUAL FOR SIDEWALK WIDTHS, CURB RADII AND CURB BASIS.
5. THE PERMISSIBLE CONSTRUCTION JOINT BETWEEN THE PAVERS AND THE ADJOINING SURFACE SHALL BE LIMITED TO 1/4" (6 mm) JOINT SIZE. GAPS LARGER THAN 1/4" (6 mm) MUST BE APPROVED BY THE ENGINEER OR DESIGNATED REPRESENTATIVE. ALL JOINTS BETWEEN BRICKS AND ADJOINING SURFACE SHALL BE MORTAR FILLED UNLESS DIRECTED OTHERWISE BY THE ENGINEER OR DESIGNATED REPRESENTATIVE.
6. MORTAR SHALL CONFORM TO STD. SPECIFICATION ITEM SECTION 403S.3.5, MORTAR AND GROUT. ALL OTHER CONCRETE SHALL CONFORM TO STD. SPECIFICATION ITEM 403S, CONCRETE FOR STRUCTURES, UNLESS OTHERWISE NOTED.
7. CURB RAMPS WITH RETURNED CURB MAY ONLY BE USED WHERE PEDESTRIANS WOULD NOT NORMALLY WALK DIAGONALLY ACROSS THE RAMP.

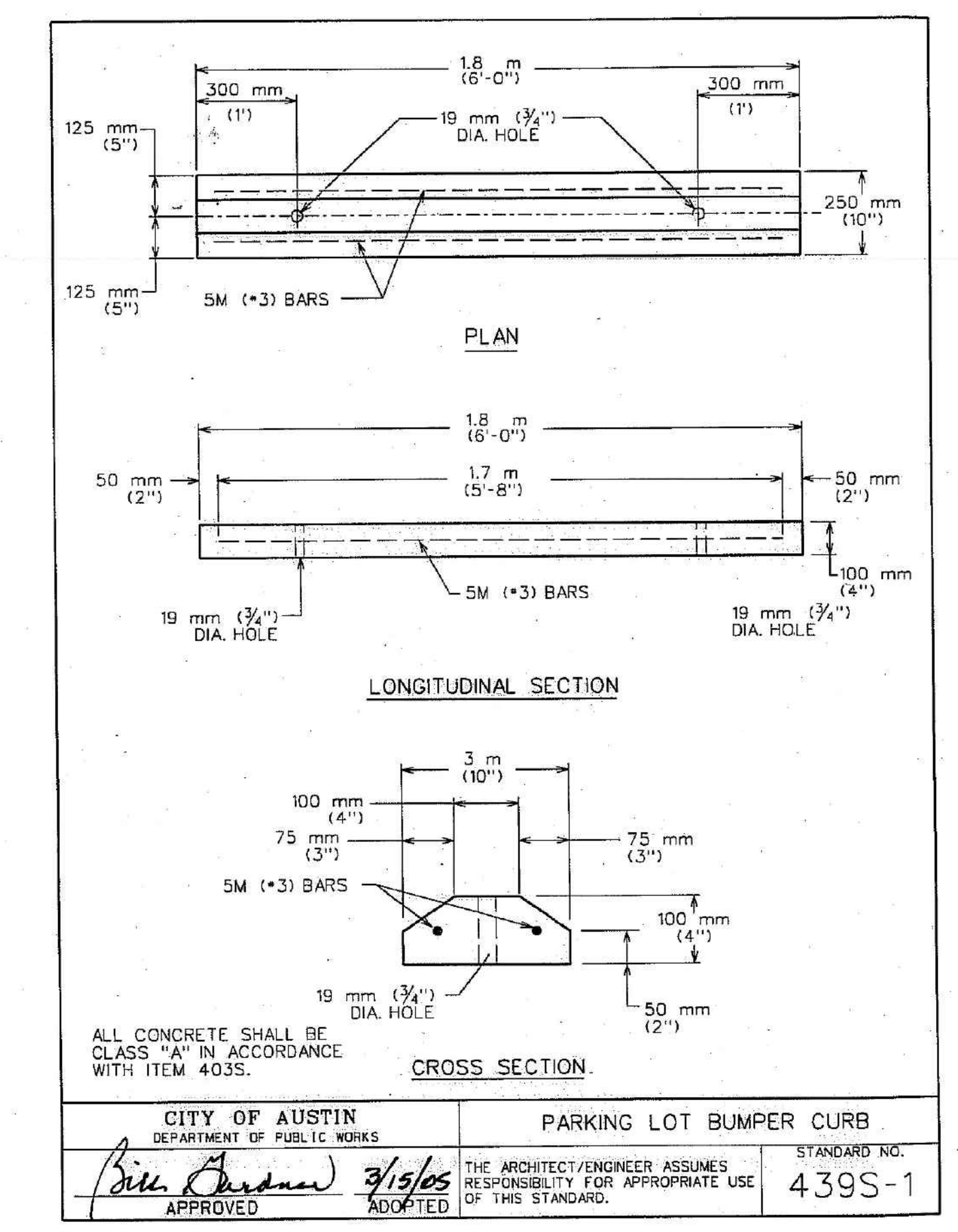
CITY OF AUSTIN — DEPARTMENT OF PUBLIC WORKS — DETECTABLE WARNING-PAVER (CITY PROPERTY/EASEMENTS) — THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. — 432S-2A 2 OF 2

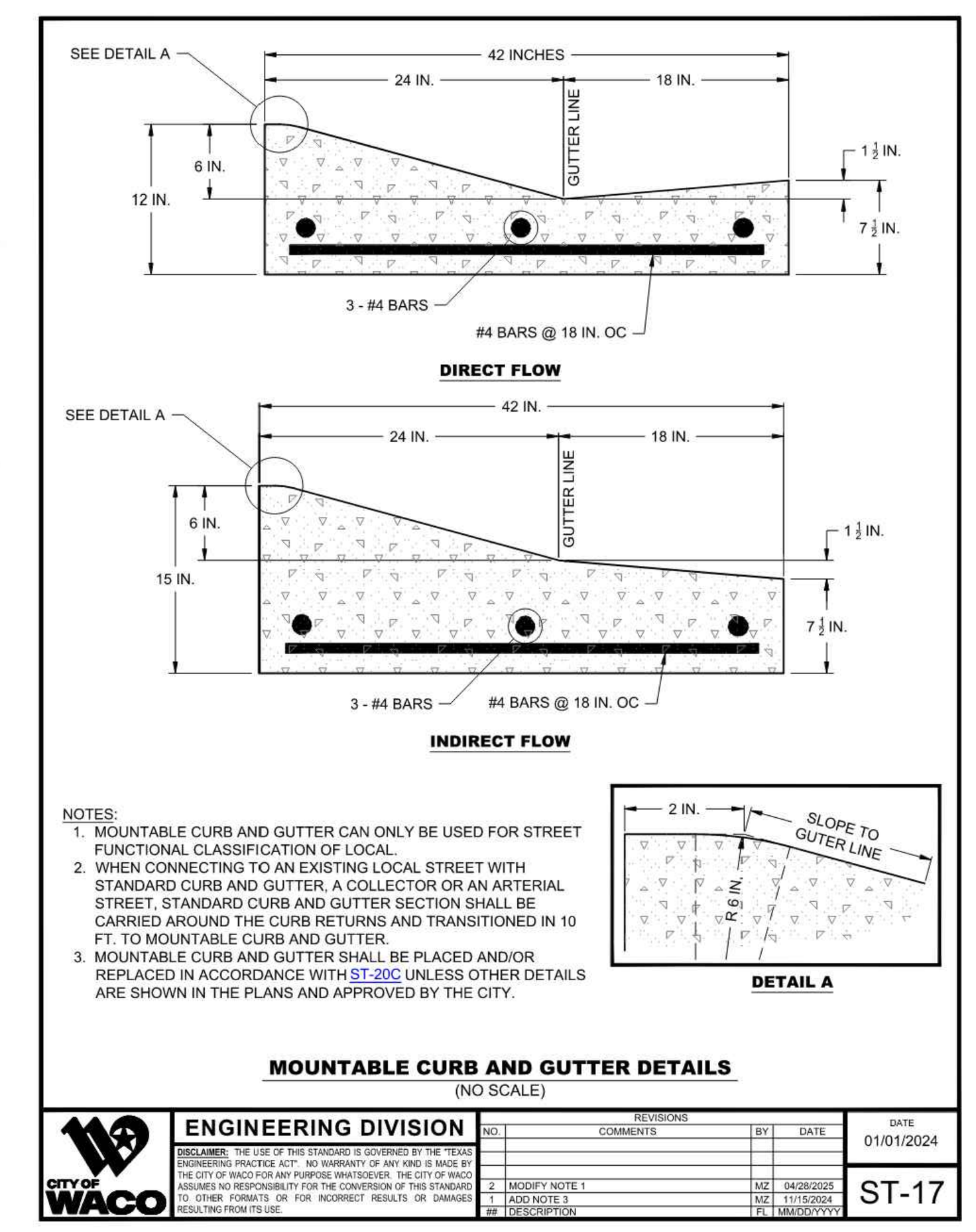


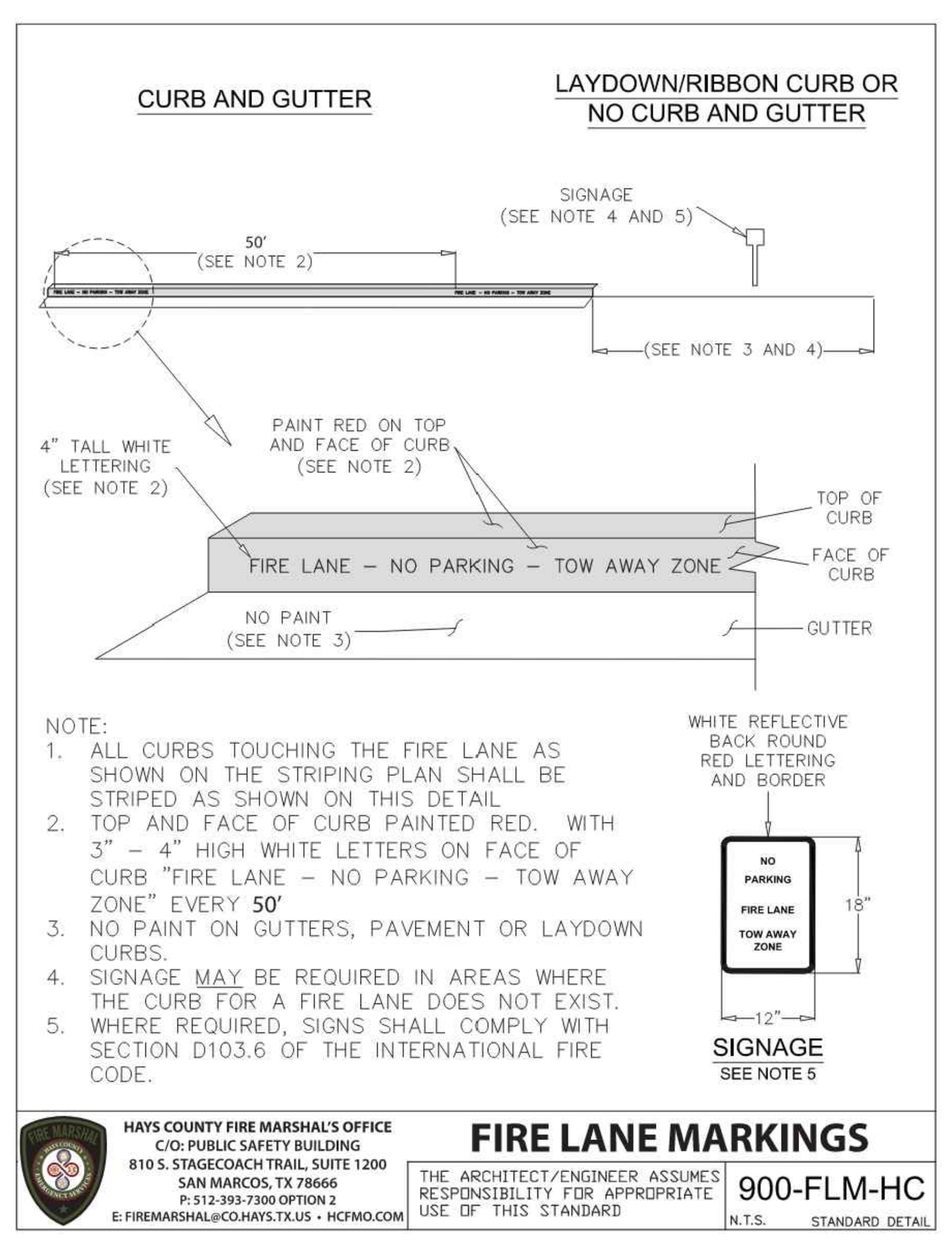


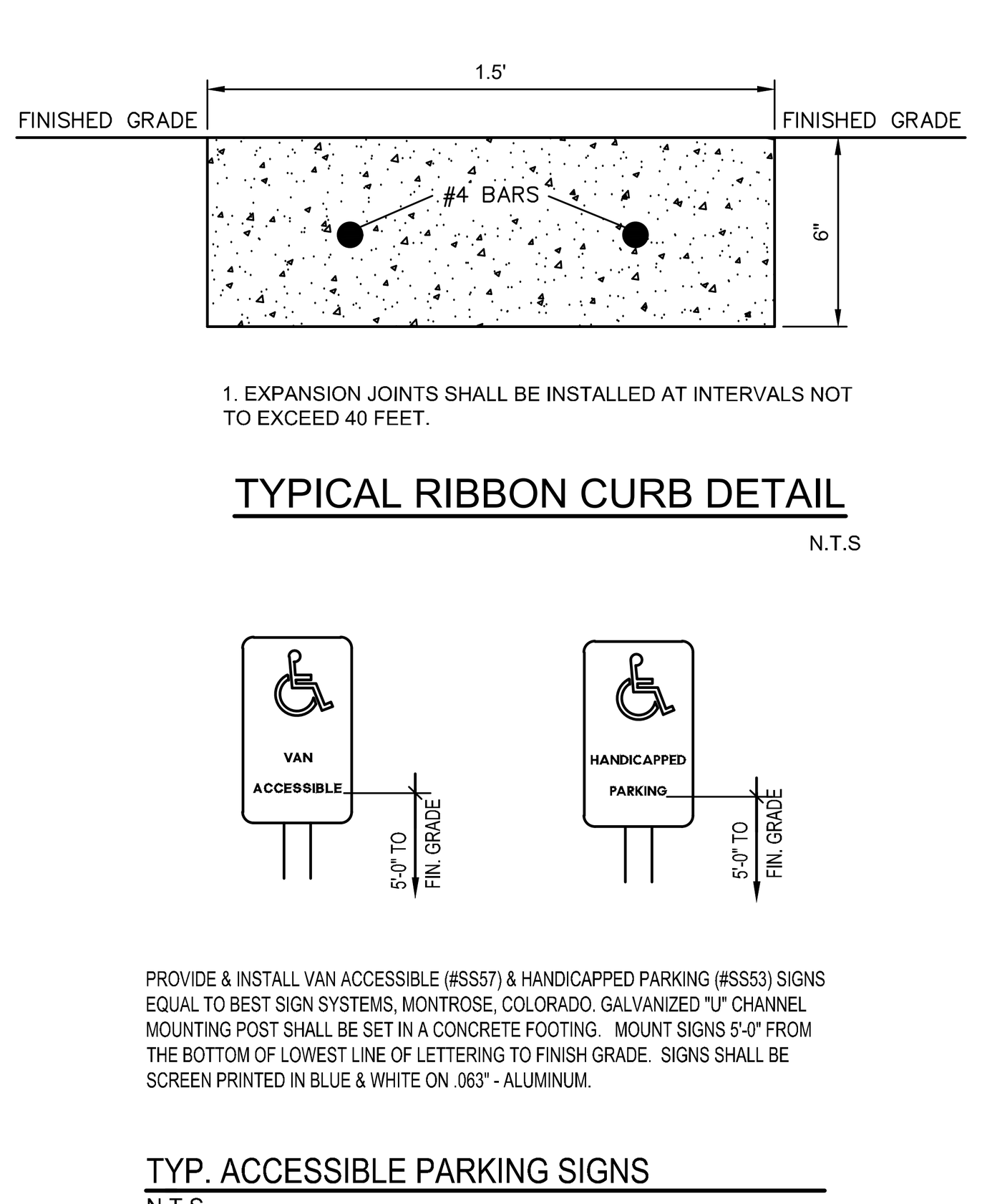


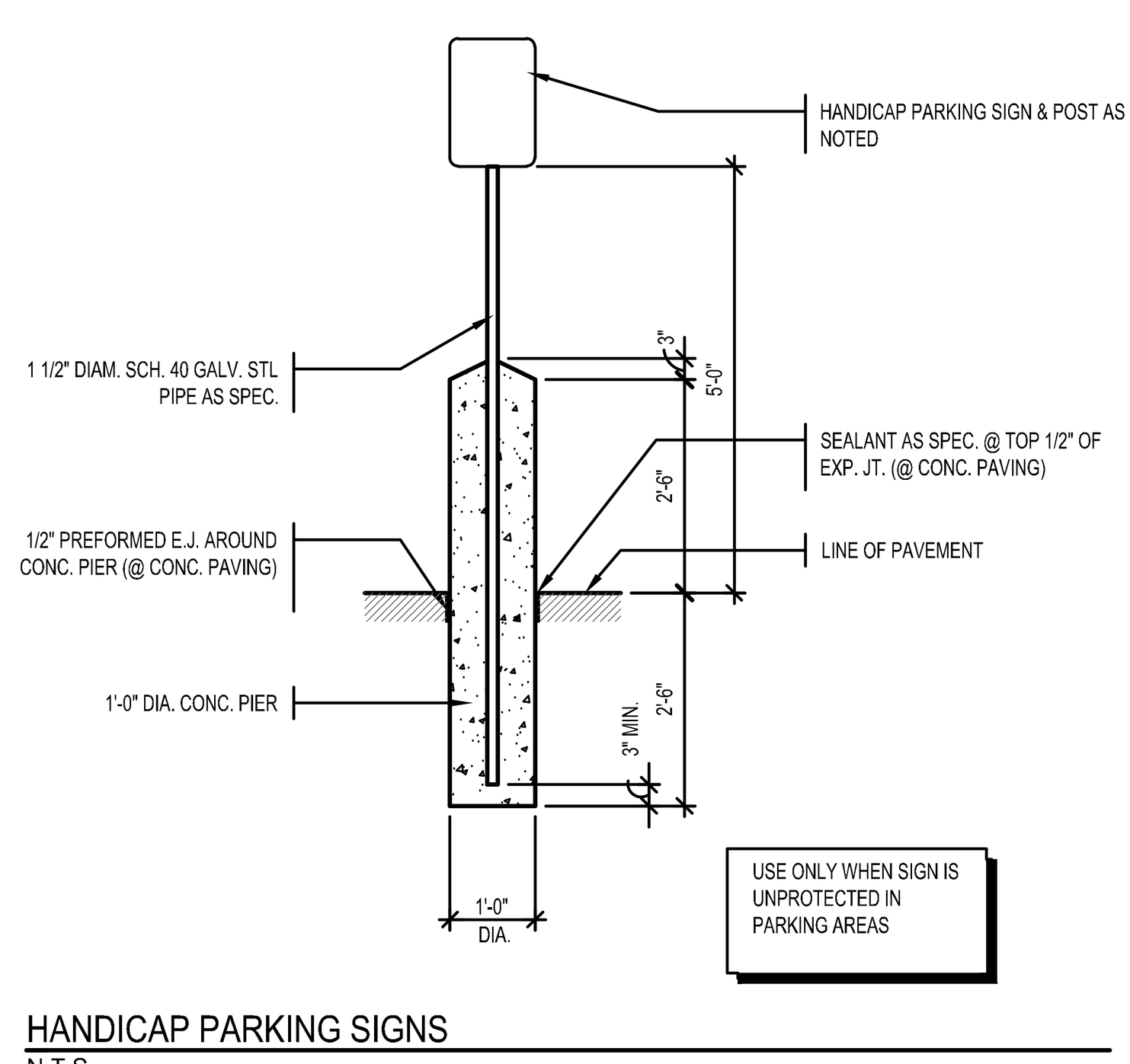


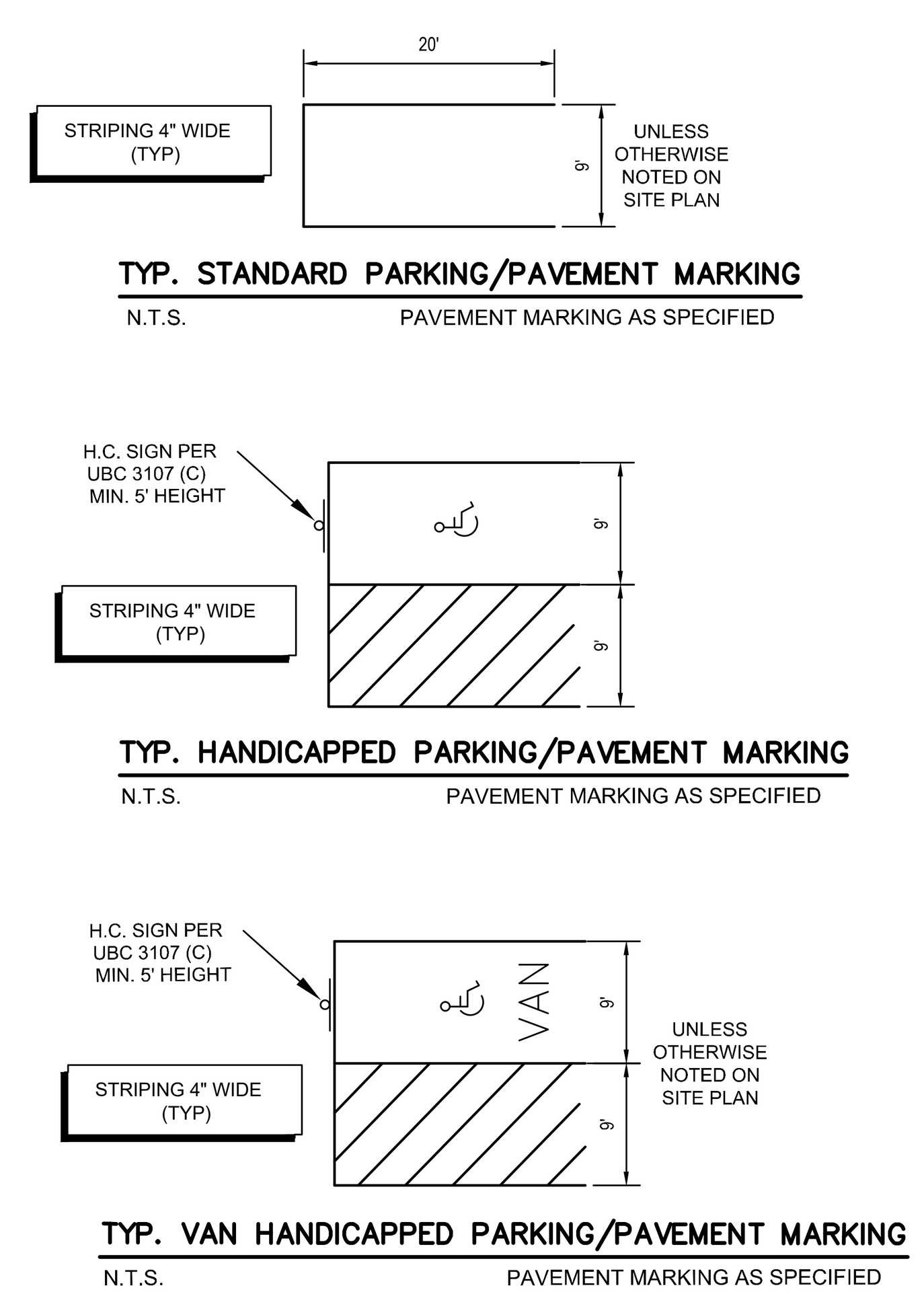


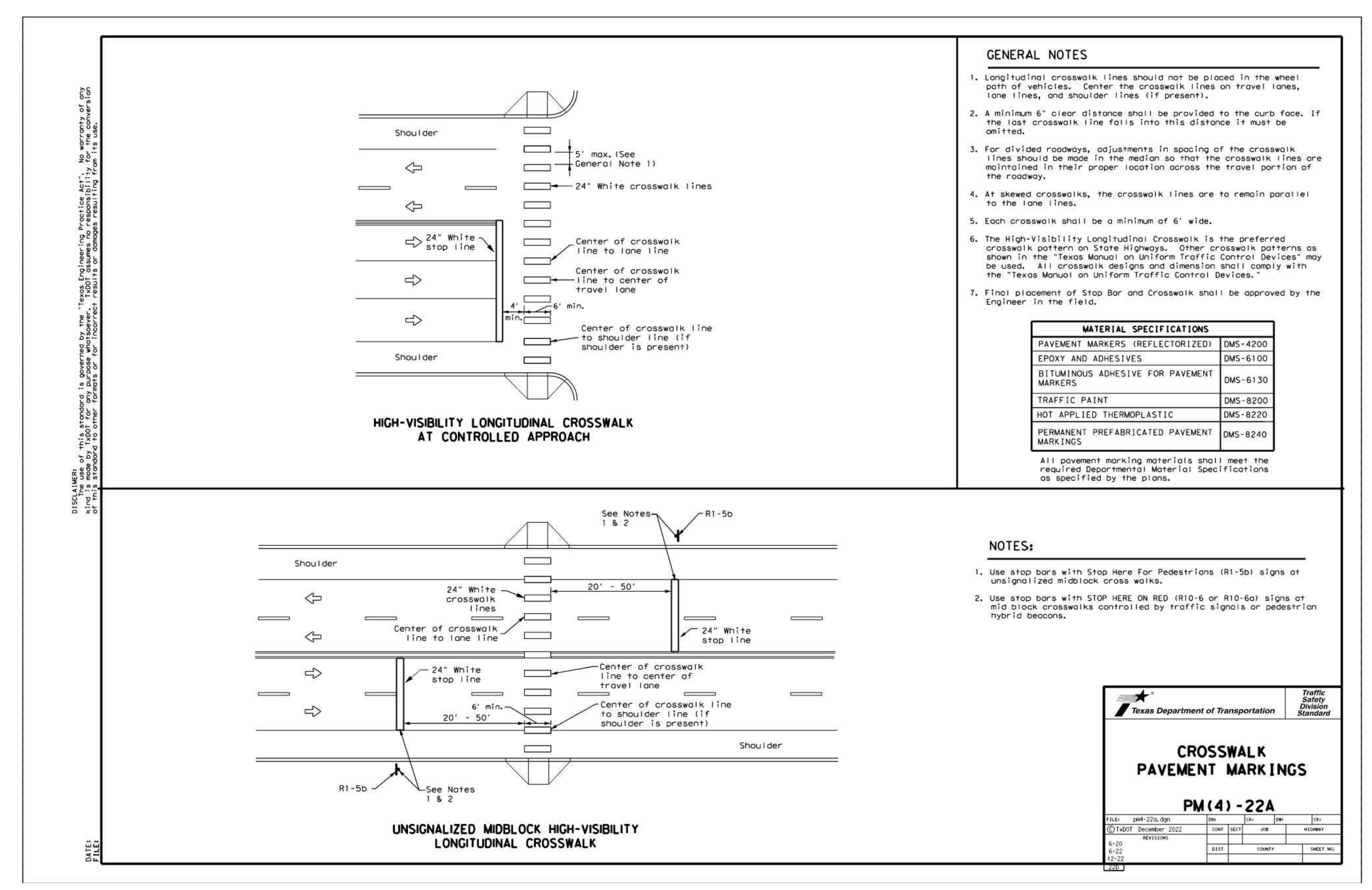


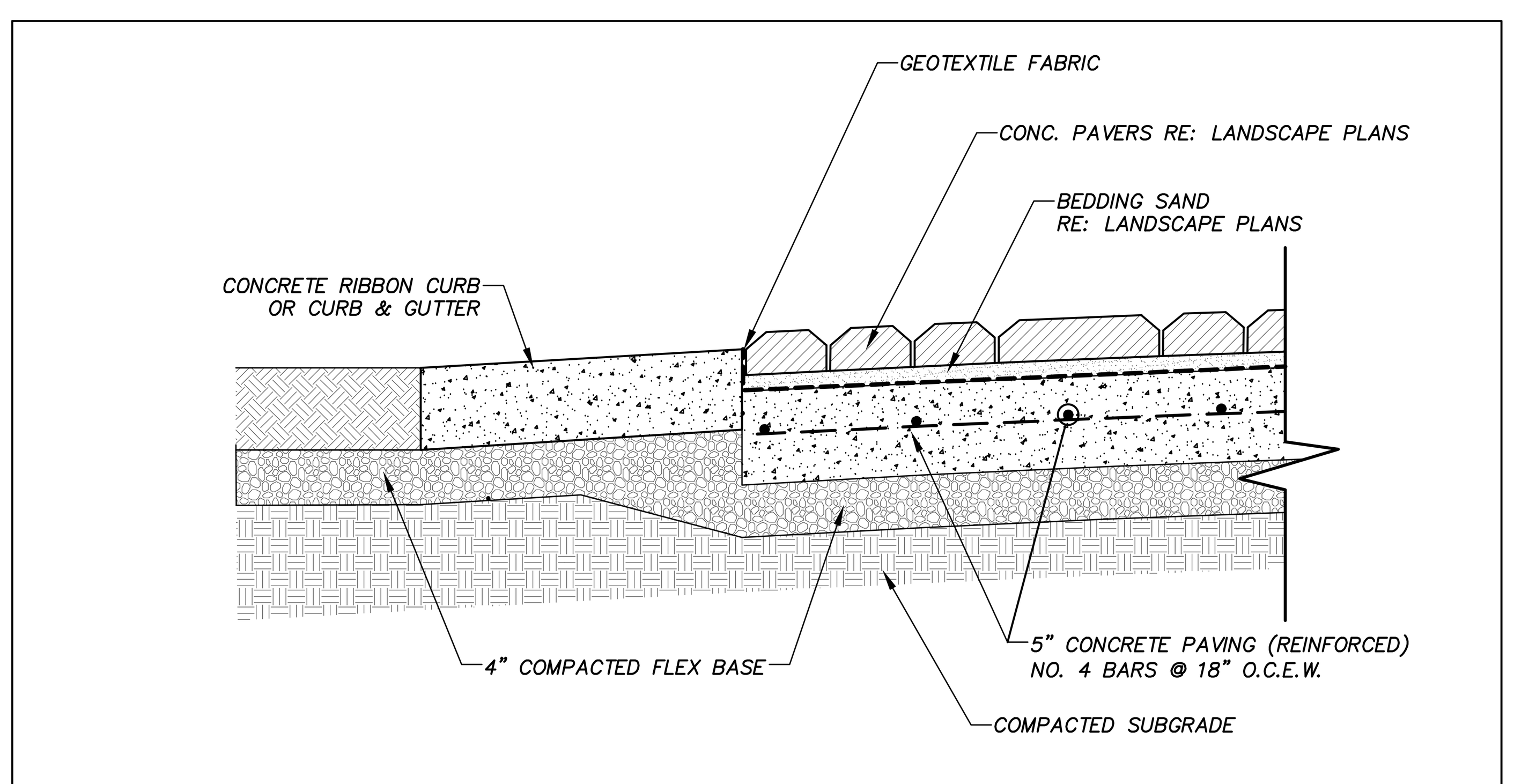












TYPICAL SECTION FOR CONCRETE UNIT PAVERS IN DRIVEWAYS

!!! 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.

"RELEASE OF THIS APPLICATION DOES NOT CONSTITUTE A VERIFICATION OF ALL DATA, INFORMATION AND CALCULATIONS SUPPLIED BY THE APPLICANT. THE ENGINEER OF RECORD IS SOLELY RESPONSIBLE FOR THE COMPLETENESS, ACCURACY AND ADEQUACY OF HIS/HER SUBMITTAL, WHETHER OR NOT THE APPLICATION IS REVIEWED FOR CODE COMPLIANCE BY CITY ENGINEERS"

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DRIPPING SPRINGS ISD
DRIPPING SPRINGS, TEXAS

Bid Package 2
Issue For Permitting, Bidding and Construction

STATE OF TEXAS — DAVID P SMITH — 56239 — REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

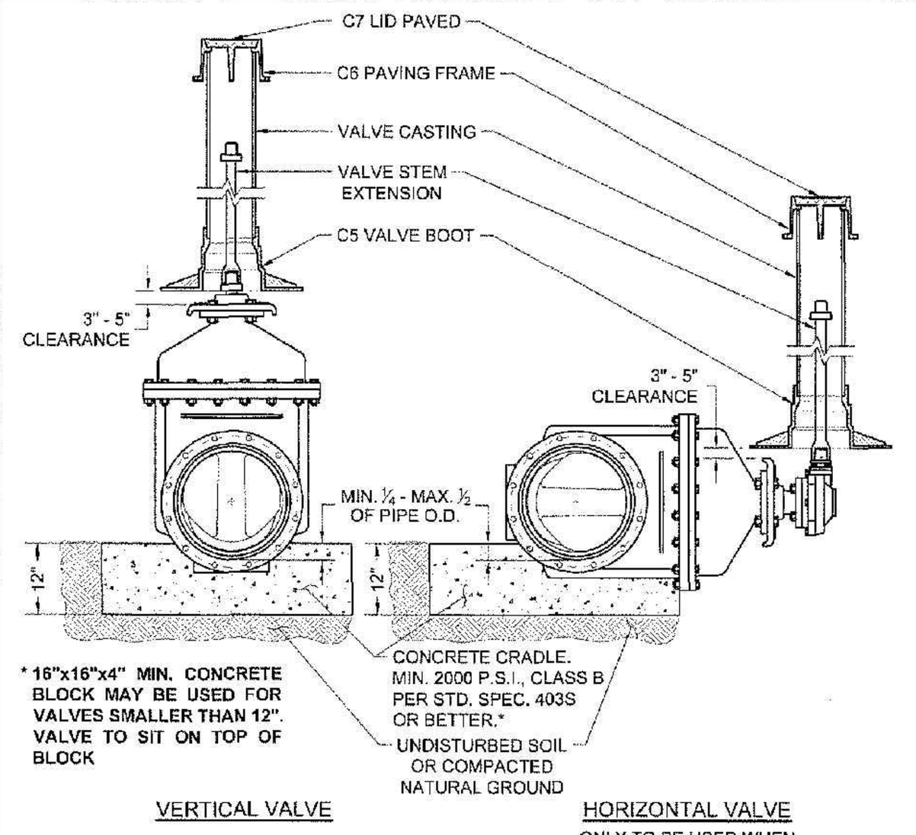
Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.
23-134.00

SHEET TITLE
CONSTRUCTION DETAILS (2 OF 5)

SHEET NO.
C11.1

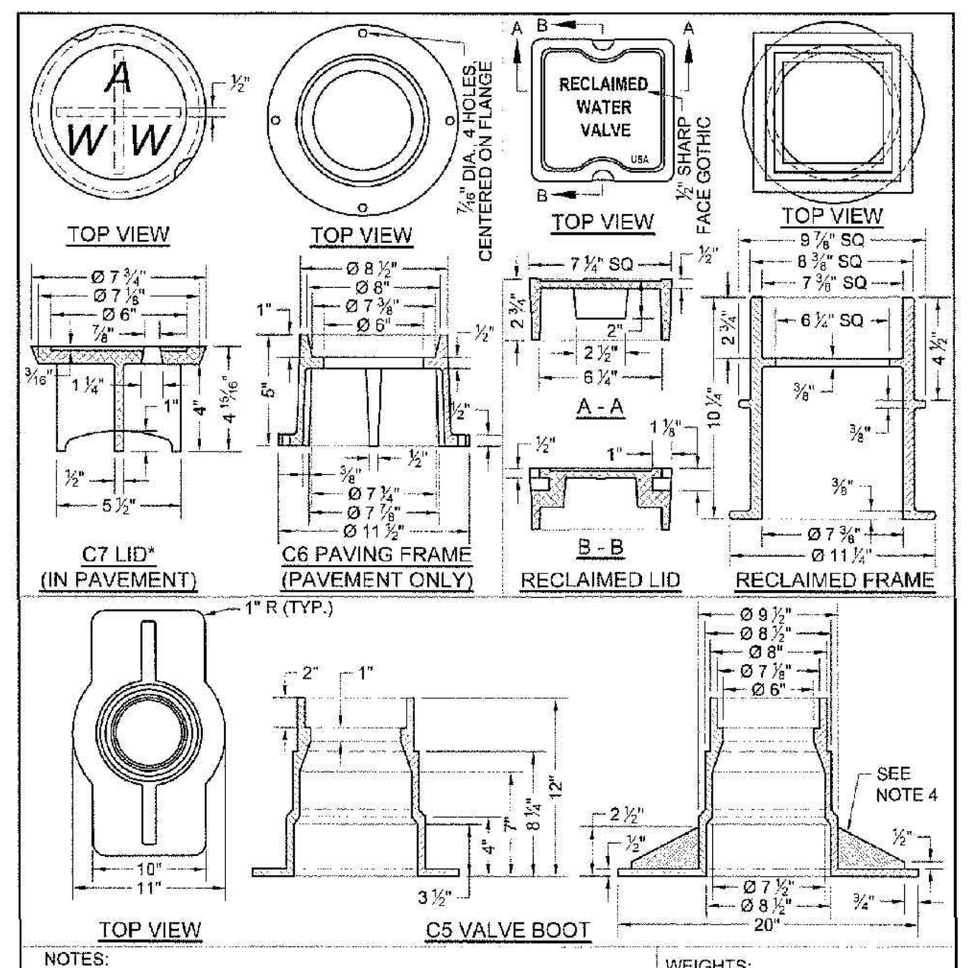
DRIPPING SPRINGS HS No.2



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.

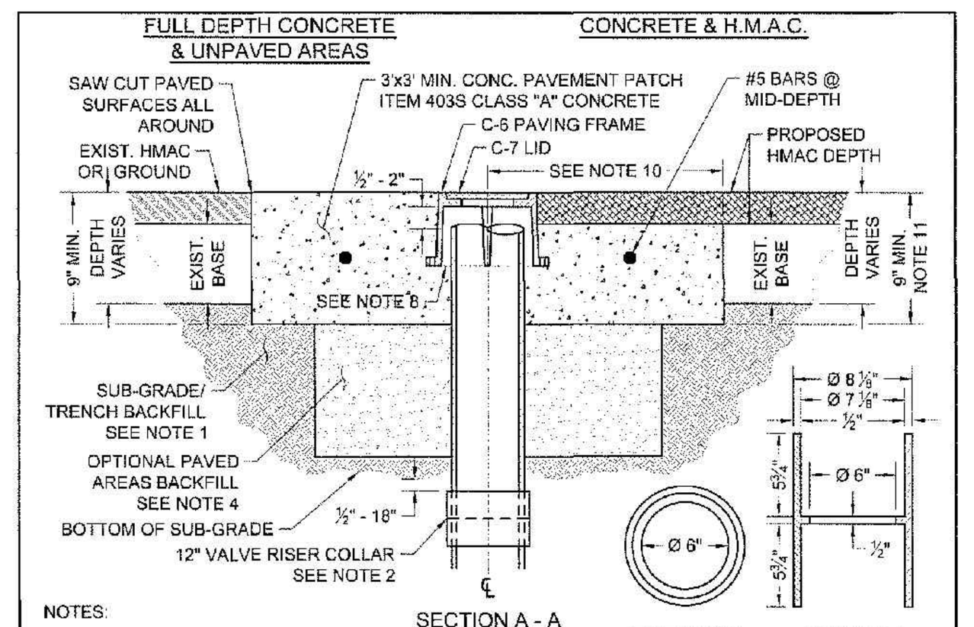
CITY OF AUSTIN / AUSTIN WATER — TYPICAL GATE VALVE 4" - 16"
Kathi L. Flowers 05/18/2016 ADOPTED — THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. — STANDARD NO. 511-AW-01 1 OF 4



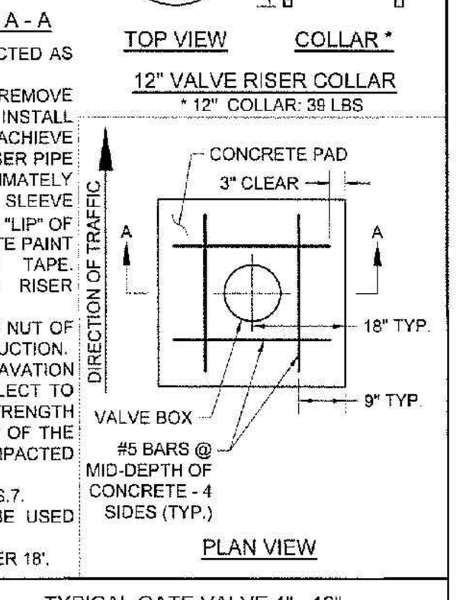
NOTES:
1. MATERIAL SHALL BE GRAY CAST IRON, ASTM A48, GRADE 30B.
2. THE MANUFACTURER'S IDENTIFICATION AND CASTING NUMBER, AND THE COUNTRY WHERE CAST, SHALL BE DISTINCTLY CAST ONTO EACH LID, FRAME, COLLAR AND BASE.
3. DRAFT AND SHRINKAGE ALLOWANCE SHALL BE IN ACCORDANCE WITH NORMAL FOUNDRY PRACTICE.
4. 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"
Kathi L. Flowers 05/18/2016 ADOPTED — THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. — STANDARD NO. 511-AW-01 2 OF 4

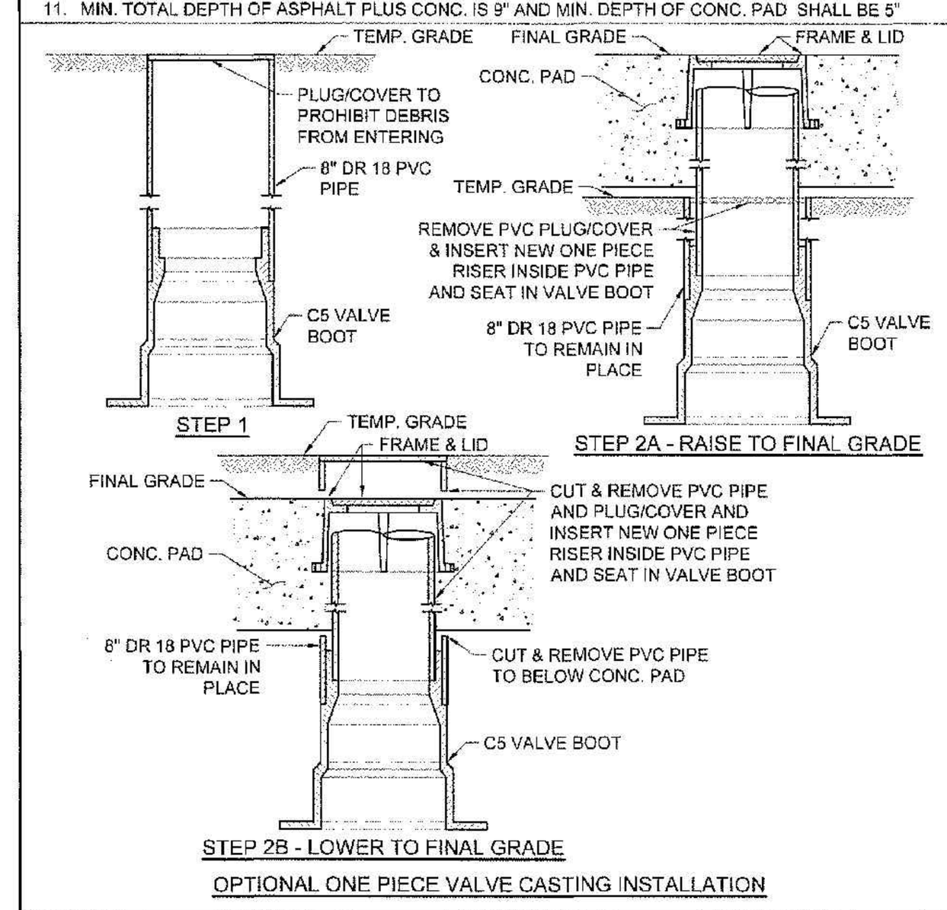


NOTES:
1. SUB-GRADE/TRENCH BACKFILL SHALL BE COMPACTED AS PER ITEM 201S, SUB-GRADE PREPARATION.
2. TO ADJUST VALVE CASTINGS TO FINAL GRADE, REMOVE RISER PIPE BELOW SUB-GRADE AND INSTALL APPROPRIATE LENGTH OF NEW RISER PIPE TO ACHIEVE FINAL GRADE. CONNECT THE TWO PIECES OF RISER PIPE WITH A 6" COLLAR 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"
Kathi L. Flowers 05/18/2016 ADOPTED — THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. — STANDARD NO. 511-AW-01 3 OF 4

NOTES (CON'T):
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"



CITY OF AUSTIN / AUSTIN WATER — TYPICAL GATE VALVE 4" - 16"
Kathi L. Flowers 05/18/2016 ADOPTED — THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. — STANDARD NO. 511-AW-01 4 OF 4

SPL No. WW-298
SHEET 1 OF 2

CITY OF AUSTIN
STANDARD PRODUCTS LIST
for
METER VAULTS

USING DEPARTMENT: Austin Water **ISSUED:** 10/01/97 **REVIEWED:** 10/01/16 **REVISED:** 10/01/16
PREPARED BY: Bill Flynn, P.E.
DESCRIPTION: Meter Vault, rectangular, for 3", 4" or 6" compound meters and fire demand meters, with 8" removable reinforced concrete top having valve openings and aluminum access hatch (with stainless steel hardware) as listed in SPL WW-614. Vault, including removable top and access hatch, to be designed for H-20 loading. (Not to be installed in areas of high density traffic). Precast plant must be NPCA certified. Concrete used for pre-cast vaults shall conform to TxDOT Item 421, 2004 Edition.

LISTING DATE	MANUFACTURER	PRODUCT IDENTIFICATION/COMMENT	APPROVAL
07/01/98	FORTERRA BUILDING PRODUCTS 801 Airport Blvd. Austin, TX 78702	6' x 9' Compound Meter Vault as designed by Matthew B. Jackson on 9/19/16	W. Flynn
10/01/02	FORTERRA BUILDING PRODUCTS 501 East Baxter St. Sequin, TX 78155	6' x 9' Compound Meter Vault as designed by Matthew B. Jackson on 9/19/16 Fire Demand Meter Vaults as designed by Gary Munkelt & Assoc. on 8/12/02 8' x 12' Fire Demand Meter Vault 10' x 12' Fire Demand Meter Vault 10' x 15' Fire Demand Meter Vault	R. Lamb
07/01/04	FORTERRA BUILDING PRODUCTS (WACO) P.O. Box 688 Hewitt, TX 76643	6' x 9' Compound Meter Vault as designed by Matthew B. Jackson on 9/19/16 Fire Demand Meter Vaults as designed by Steve Bontempo on 5/7/04 8' x 12' Fire Demand Meter Vault 10' x 12' Fire Demand Meter Vault 10' x 15' Fire Demand Meter Vault	R. Lamb

NOTE: 1. See shop drawings for approval of knockout and opening locations.

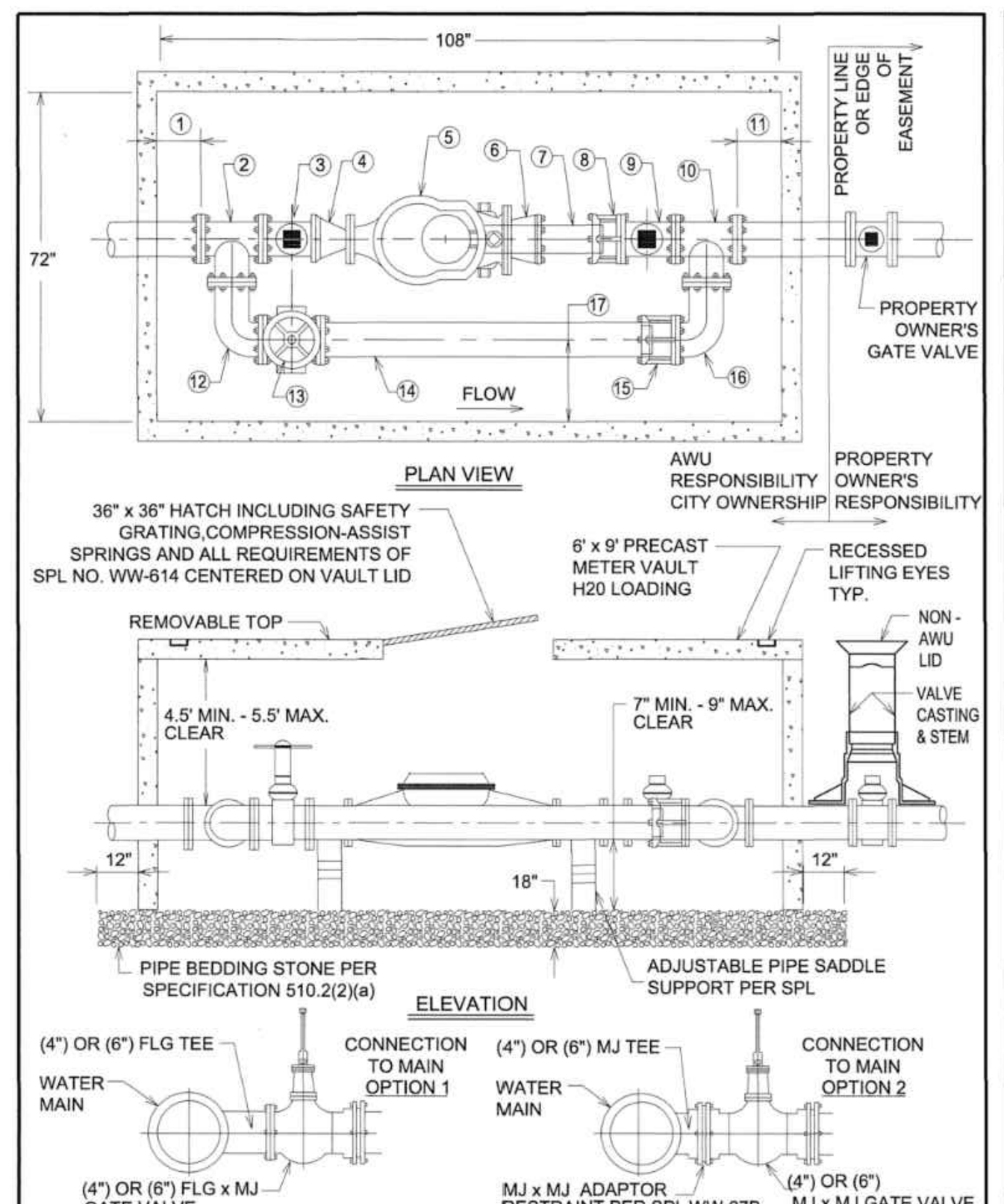
SPL No. WW-298
SHEET 2 OF 2

CITY OF AUSTIN
STANDARD PRODUCTS LIST
for
METER VAULTS

USING DEPARTMENT: Austin Water **ISSUED:** 10/01/97 **REVIEWED:** 10/01/16 **REVISED:** 10/01/16
PREPARED BY: Bill Flynn, P.E.
DESCRIPTION: Meter Vault, rectangular, for 3", 4" or 6" compound meters and fire demand meters, with 8" removable reinforced concrete top having valve openings and aluminum access hatch (with stainless steel hardware) as listed in SPL WW-614. Vault, including removable top and access hatch, to be designed for H-20 loading. (Not to be installed in areas of high density traffic). Precast plant must be NPCA certified. Concrete used for pre-cast vaults shall conform to TxDOT Item 421, 2004 Edition.

LISTING DATE	MANUFACTURER	PRODUCT IDENTIFICATION/COMMENT	APPROVAL
04/01/07	CAPITAL CONCRETE PRODUCTS 5264 Hwy. 71 East Del Valle, TX 78617	6' x 9' Compound Meter Vault as designed by Stuart D. Gorka on 9/7/16 Fire Demand Meter Vaults as designed by Christopher Wickham on 7/11/06 8' x 12' Fire Demand Meter Vault 10' x 12' Fire Demand Meter Vault 10' x 15' Fire Demand Meter Vault	R. Lamb
04/01/10	CAPITAL PRECAST 6905 S. Old Bastrop Highway San Marcos, TX 78666	6' x 9' Compound Meter Vault as designed by Ronald Berg on 7/22/16 Fire Demand Meter Vaults as designed by Gary Munkelt & Assoc. 8' x 12' Fire Demand Meter Vault 10' x 12' Fire Demand Meter Vault 10' x 15' Fire Demand Meter Vault	R. Lamb
07/01/11	PARK ENVIRONMENTAL EQUIPMENT 8491 U.S. Hwy 87 East San Antonio, TX 78263	Fire Demand Meter Vaults as designed by Gary Munkelt & Associates on 9/7/10 8' x 12' Fire Demand Meter Vault 10' x 12' Fire Demand Meter Vault 10' x 15' Fire Demand Meter Vault	R. Lamb

NOTE: 1. See shop drawings for approval of knockout and opening locations.



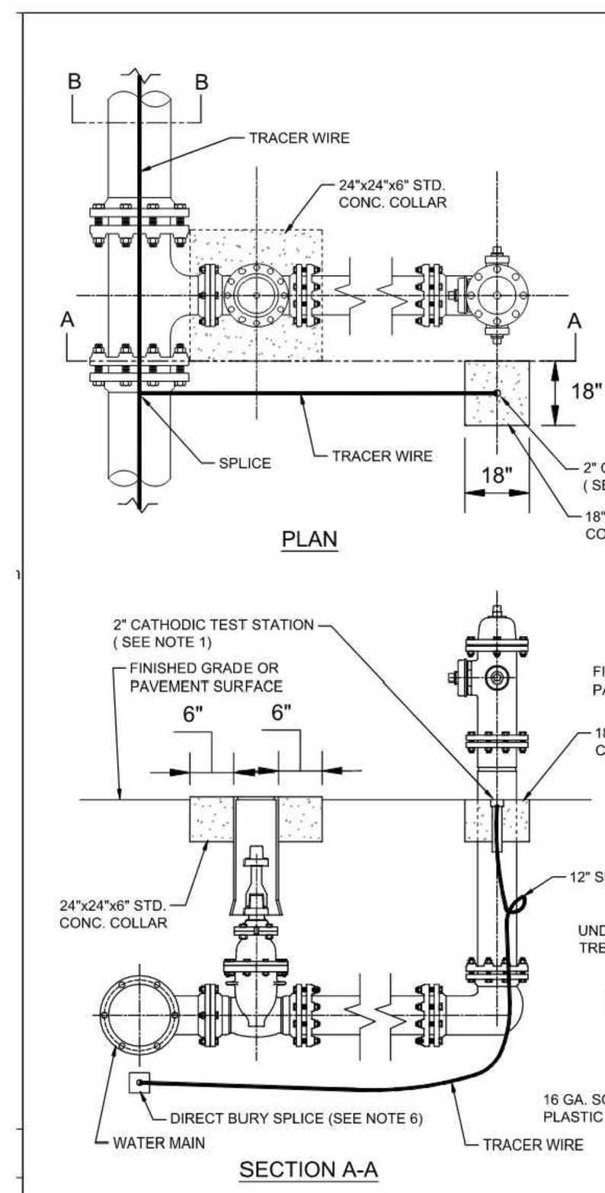
CITY OF AUSTIN / AUSTIN WATER UTILITY — 3", 4" AND 6" COMPOUND & TURBINE METER INSTALLATIONS
Kathi L Flowers 11/19/2015 ADOPTED — THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. — STANDARD NO. 520-AW-06 1 OF 2

LARGE METER INSTALLATIONS

No.	DIMENSIONS IN INCHES	3" TURBINE	3" COMPOUND	4" TURBINE	4" COMPOUND	6" TURBINE	6" COMPOUND
No.	METER LINE	4" BYPASS	4" BYPASS	4" BYPASS	4" BYPASS	6" BYPASS	6" BYPASS
1	CLEARANCE FROM VALVE WALL TO TEE	8"	8"	12"	12"	6"	6"
2	FLANGED TEE	13"	13"	13"	13"	16"	16"
3	COA GATE VALVE SQUARE NUT	9"	9"	9"	9"	10 1/2"	10 1/2"
4	3" X 4" FLANGED REDUCER (3" METER ONLY)	7"	7"	–	–	–	–
5	METER	17"	19"	20"	23"	24"	27"
6	3" X 4" FLANGED REDUCER (3" METER ONLY)	7"	7"	–	–	–	–
7+8	(7) FLANGED X PLAIN END DI PIPE + (8) RESTRAINED FLANGE COUPLING ADAPTER (RFCA) OR (7) FLANGE X DI PIPE + (8) DISMANTLING JOINT (DJ)	17"	15"	20"	17"	19"	16"
9	COA GATE VALVE SQUARE NUT	9"	9"	9"	9"	10 1/2"	10 1/2"
10	FLANGED TEE	13"	13"	13"	13"	16"	16"
11	CLEARANCE FROM INSIDE WALL TO TEE	8"	8"	12"	12"	6"	6"
	TOTAL (INCHES)	108.0"	108.0"	108.0"	108.0"	108.0"	108.0"
	BYPASS LINE						
1	CLEARANCE FROM INSIDE WALL TO TEE	8"	8"	12"	12"	6"	6"
	1/2 TEE	6 1/2"	6 1/2"	6 1/2"	6 1/2"	8"	8"
12	FLANGED 90° ELBOW	6 1/2"	6 1/2"	6 1/2"	6 1/2"	8"	8"
13	BYPASS GATE VALVE WITH HAND WHEEL	9"	9"	9"	9"	10 1/2"	10 1/2"
14+15	(14) FLANGED X PLAIN END DI PIPE + (15) RESTRAINED FLANGE COUPLING ADAPTOR (RFCA) OR (14) FLANGE X FLANGE DI PIPE + (15) DISMANTLING JOINT (DJ)	57"	57"	49"	49"	53 1/2"	53 1/2"
16	FLANGED 90° ELBOW	6 1/2"	6 1/2"	6 1/2"	6 1/2"	8"	8"
	1/2 TEE	6 1/2"	6 1/2"	6 1/2"	6 1/2"	8"	8"
11	CLEARANCE FROM VALVE WALL TO TEE	8"	8"	12"	12"	6"	6"
	TOTAL (INCHES)	108.0"	108.0"	108.0"	108.0"	108.0"	108.0"
17	CLEARANCE FROM INSIDE WALL TO CENTER OF BYPASS LINE	23"	23"	23"	23"	20"	20"

NOTES:
1. METER VAULT MUST BE PLACED AT THE PROPERTY LINE WITHIN PUBLIC RIGHT-OF-WAY OR WITHIN A DEDICATED WATER METER EASEMENT. METER SHALL NOT BE PLACED IN THE PATH OF VEHICULAR TRAFFIC INCLUDING ROADWAYS, DRIVEWAYS AND PARKING LOTS. METERS MAY NOT BE PLACED IN SIDEWALKS UNLESS SPECIFICALLY APPROVED BY AUSTIN WATER. METERS MUST BE ACCESSIBLE TO SERVICE VEHICLES AND SHALL NOT BE ENCLOSED WITHIN PROPERTY FENCES.
2. ALL PIPE AND FITTINGS FROM MAIN TO CUSTOMER VALVE SHALL BE RESTRAINED.
3. FACTORY NOTCHES WHERE PIPING GOES THROUGH VAULT WALL SHALL BE FILLED WITH NON-SHRINK GROUT PER SPL NO. WW-704A.

CITY OF AUSTIN / AUSTIN WATER UTILITY — 3", 4" AND 6" COMPOUND & TURBINE METER INSTALLATIONS
Kathi L Flowers 11/19/2015 ADOPTED — THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. — STANDARD NO. 520-AW-06 2 OF 2



NOTES:
1. TEST STATION SHALL BE HANDLEY INDUSTRIES INC. - 2 INCH CATHODIC TEST STATIONS OR APPROVED EQUAL.
2. THE 15" ABS PLASTIC BOX SHALL BE A FLANGED TOP FOR INSTALLATION AT GROUND LEVEL.
3. ALL TERMINALS ARE TO BE MADE OF SOLID BRASS.
4. PLASTIC LIDS SHALL BE COLOR BLUE AND MARKED "WATER".
5. TEST TERMINALS ARE TO BE INCORPORATED WITH HANDLEY VALVE BOXES.
6. BURY SPLICE SHALL BE 3M DIRECT BURY SPLICE (DBR) OR APPROVED EQUAL.
7. TEST STATIONS SHALL BE INSTALLED AT EACH FIRE HYDRANT LOCATION AND END OF LINE.

WTCPUA
CONSTRUCTION STANDARDS AND DETAILS
TRACER WIRE INSTALLATION AND TEST STATION LOCATION

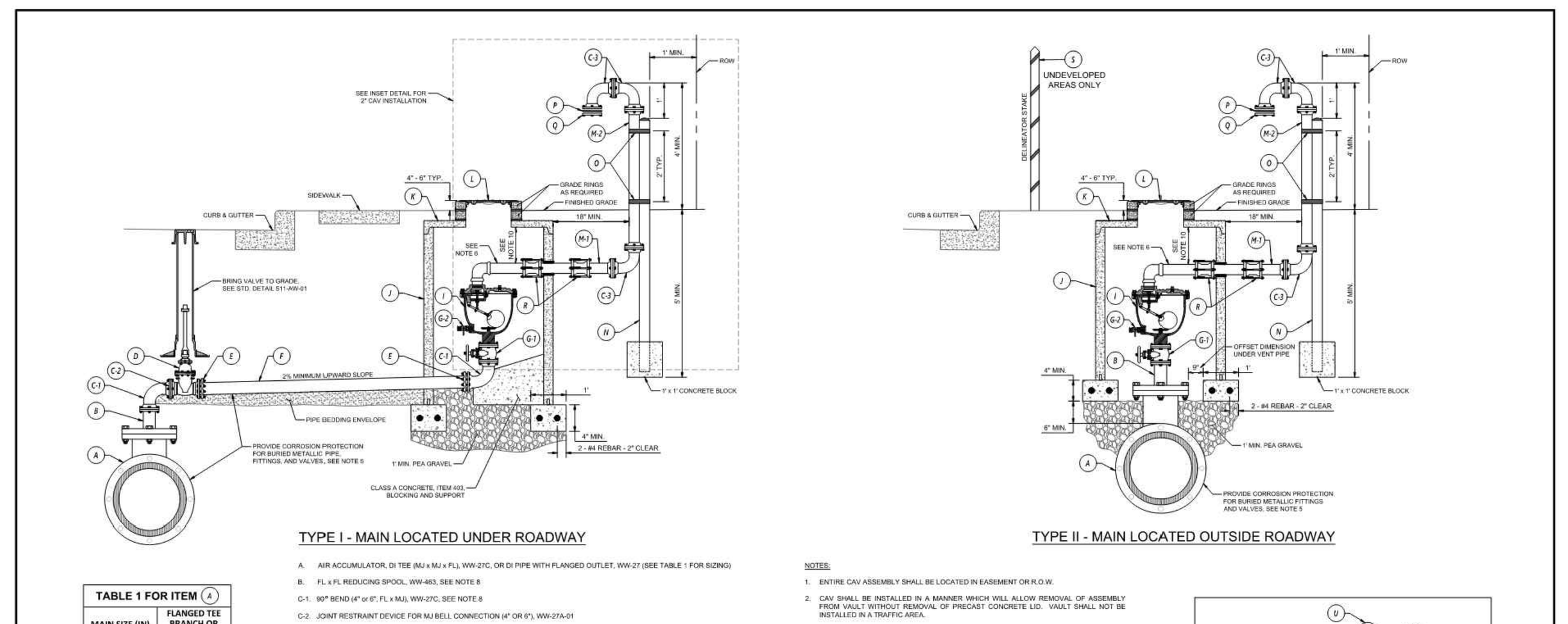
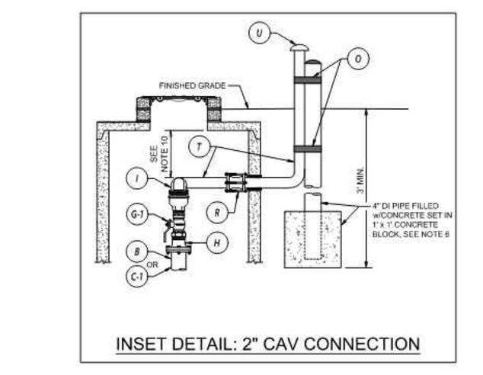


TABLE 1 FOR ITEM (A)	
MAIN SIZE (IN)	FLANGED TEE BRANCH OR OUTLET (IN)
8	8
12	12
16	12
24	16
30	20
36	20

A. AIR ACCUMULATOR, DI TEE (MJ x MJ x FL), WW-27C, OR DI PIPE WITH FLANGED OUTLET, WW-27 (SEE TABLE 1 FOR SIZING)
B. FL x FL REDUCING SPOOL, WW-463, SEE NOTE 8
C-1. 90° BEND (4" or 6", FL x MJ), WW-27C, SEE NOTE 8
C-2. JOINT RESTRAINT DEVICE FOR MJ BELL CONNECTION (4" OR 6"), WW-27A-01
C-3. 90° BEND (4" OR 6", FL x FL), WW-27C
D. GATE VALVE (4" OR 6", MJ x MJ), WW-700
E. WEDGE-ACTION MJ RESTRAINT DEVICE, WW-27A, OR HDPE MJ ADAPTER, WW-706A (4" OR 6")
F. DI PIPE (PE x PE), WW-27A, OR HDPE PIPE W/ MJ ADAPTERS, WW-706 (4" OR 6"), SEE NOTE 9
G-1. ISOLATION VALVE (2", 4" OR 6"), SEE NOTE 4 AND INSET DETAIL
G-2. THREADED BALL VALVE (SUPPLIED AND INSTALLED BY AUSTIN WATER)
H. THREADED COMPANION FLANGE (4" x 2"), WW-463
I. COMBINATION AIR VALVE (CAV), WW-462A
J. 2" CAV: 48" DIA. PRECAST MANHOLE SECTION; 4" CAV: 60" DIA. PRECAST MANHOLE SECTION; 6" CAV: 72" DIA. PRECAST MANHOLE SECTION; WW-146
K. REINFORCED PRECAST CONCRETE FLAT TOP LID, AASHTO H-20 LOADING (w/34" DIA. OPENING CENTERED IN LID)
L. 32" MANHOLE COVER CASTING SETS (w/32" TOP FLANGE RING; CAST "POTABLE WATER" OR "RECLAIMED WATER" INTO COVER), WW-219
M-1. DI VENT PIPE (4" OR 6", FL x PE), SEE NOTE 6
M-2. DI VENT PIPE (4" OR 6", FL x FL), SEE NOTE 6
N. DI SUPPORT PIPE FILLED WITH CONCRETE (4" OR 6"), SEE NOTE 6
O. 1" x 1/4" GALVANIZED STRAPS
P. NO. 16 MESH 316 STAINLESS STEEL CLOTH
Q. RETAINER FLANGE (OPENING TO MATCH I.D. OF VENT PIPE)
R. TRANSITION COUPLING, WW-506
S. DELINEATOR STAKE, SEE NOTE 7
T. 2" GALVANIZED IRON PIPE, SEE NOTE 6
U. SCREEN COVER VENT CAP (#401 CLAY AND BAILEY MFG. CO. OR EQUIVALENT)

NOTES:
1. ENTIRE CAV ASSEMBLY SHALL BE LOCATED IN EASEMENT OR R.O.W.
2. CAV SHALL BE INSTALLED IN A MANNER WHICH WILL ALLOW REMOVAL OF ASSEMBLY FROM VAULT WITHOUT REMOVAL OF PRECAST CONCRETE LID. VAULT SHALL NOT BE INSTALLED IN A TRAFFIC AREA.
3. CONCRETE PIPE PENETRATIONS SHALL BE CORE BIT DRILLED. VOID SHALL BE SEALED WITH LINKSEAL LS300 OR APPROVED EQUAL.
4. FOR 2" CAV, USE BALL VALVE (THREADED) WITH LEVER HANDLE PER WW-68. FOR 4" AND 6" CAV, USE GATE VALVE (FL x FL) WITH HAND WHEEL PER WW-700.
5. WRAP BURIED METALLIC PIPE, FITTINGS AND VALVES IN 8 MIL. POLYETHYLENE ENCASEMENT (PER WW-27D).
6. CAV OUTLET SHALL BE CONNECTED DIRECTLY TO VENT PIPE. IN DEVELOPED AREAS, VENT PIPE SHALL BE LOCATED NOT TO CONFLICT WITH SIDEWALK, DRIVEWAY, OR OTHER PEDESTRIAN TRAFFIC. EXTERIOR OF VENT PIPE AND DI SUPPORT PIPE SHALL BE PAINTED BLUE FOR POTABLE OR PURPLE FOR RECLAIMED PER WW-3C. SURFACE PREPARATION SHALL BE PER PAINT MANUFACTURER'S REQUIREMENTS.
7. IN UNDEVELOPED AREAS INSTALL ONE DELINEATOR STAKE WITHIN 3' OF THE VAULT ON THE VEHICULAR ACCESS SIDE OR AS DIRECTED BY AW. DELINEATOR SHALL BE BLUE FOR POTABLE OR PURPLE FOR RECLAIMED AND SHALL EXTEND AT LEAST 60" ABOVE FINISHED GRADE. DELINEATOR SHALL HAVE 2" WIDE, WHITE IN COLOR, TYPE I REFLECTIVE TAPE MOUNTED DIAGONALLY AT 12" SPACING ON BOTH SIDES.
8. REDUCING SPOOL FOR ITEM B SHALL BE 4" DIAMETER FOR A 2" OR 4" CAV. OR 6" DIAMETER FOR A 6" CAV.
9. RECLAIMED WATER SERVICE: ALL BURIED RECLAIMED PIPE AND FITTINGS SHALL BE MANUFACTURED PURPLE PIPE OR WRAPPED IN PURPLE POLYETHYLENE PER WW-27D. HDPE PIPE, IF USED, SHALL BE MANUFACTURED WITH PURPLE STRIPES PER WW-706. ALL NON-BURIED PIPE AND APPURTENANCES SHALL BE MANUFACTURED PURPLE IF AVAILABLE OR PAINTED PURPLE PER WW-3C.
10. FOR 2" CAV, 6" MINIMUM AND 12" MAXIMUM. FOR 4" - 6" CAV, 12" MINIMUM AND 24" MAXIMUM. FLANGED SPOOLS LONGER THAN 12" ARE PROHIBITED BELOW CAV TO OBTAIN REQUIRED HEIGHT.
11. AT FLANGED CONNECTIONS, USE FULL FACE 1/8" THICK RED RUBBER GASKETS. NUTS AND BOLTS SHALL BE STAINLESS STEEL (SS304 OR SS316), OR HIGH-STRENGTH LOW-ALLOY STEEL WITH A BLUE FLUOROPOLYMER FINISH.

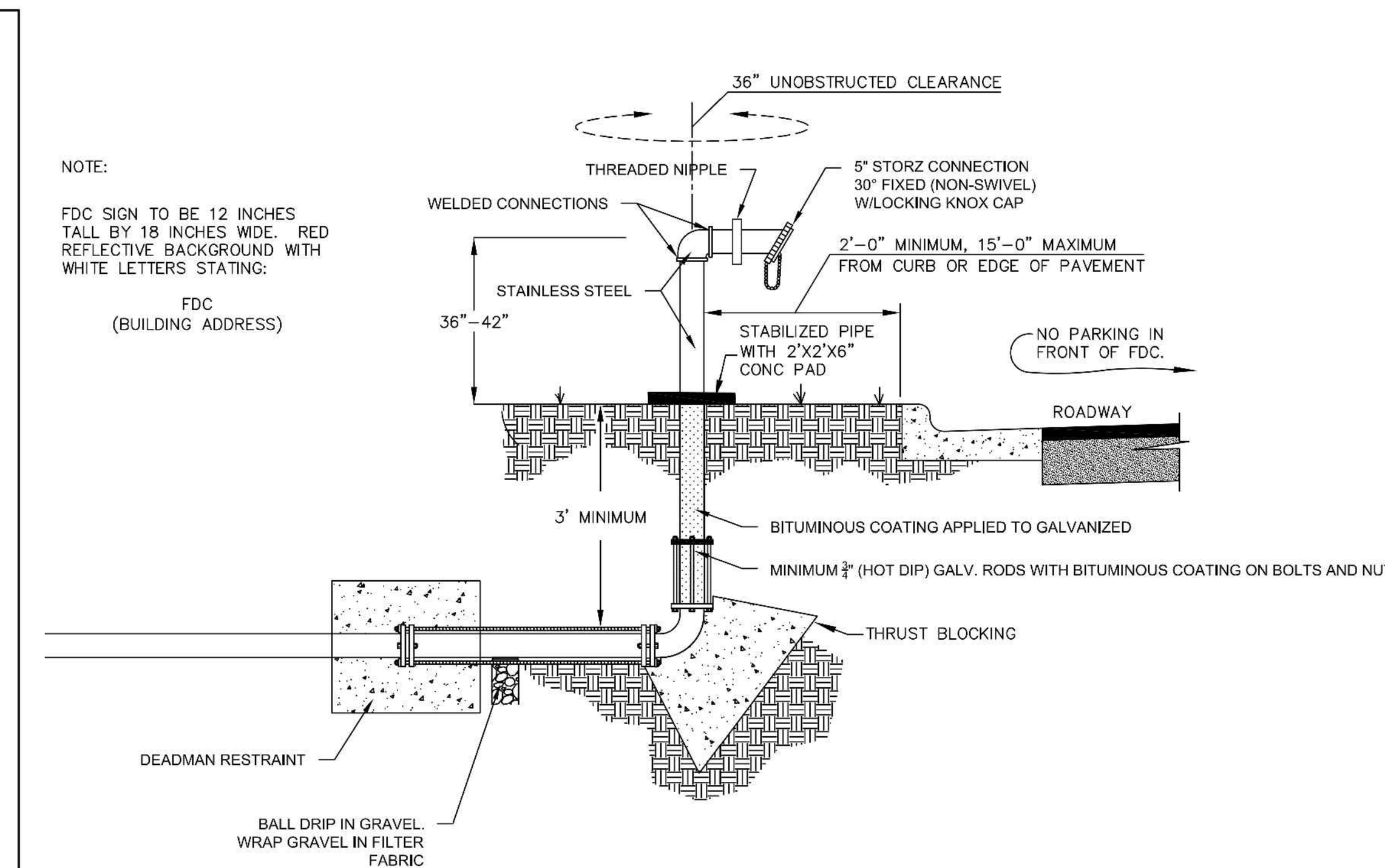


CITY OF AUSTIN / AUSTIN WATER — COMBINATION AIR VALVE (CAV) ASSEMBLIES FOR POTABLE AND RECLAIMED SERVICE (2", 4" & 6" ONLY)
JEFF A. KYLE 09/11/2024 ADOPTED — THE ENGINEER/ARCHITECT ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. MODIFICATIONS TO THIS STANDARD ARE PROHIBITED. — STANDARD NO. 511-AW-04A 1 OF 1

NOTE:

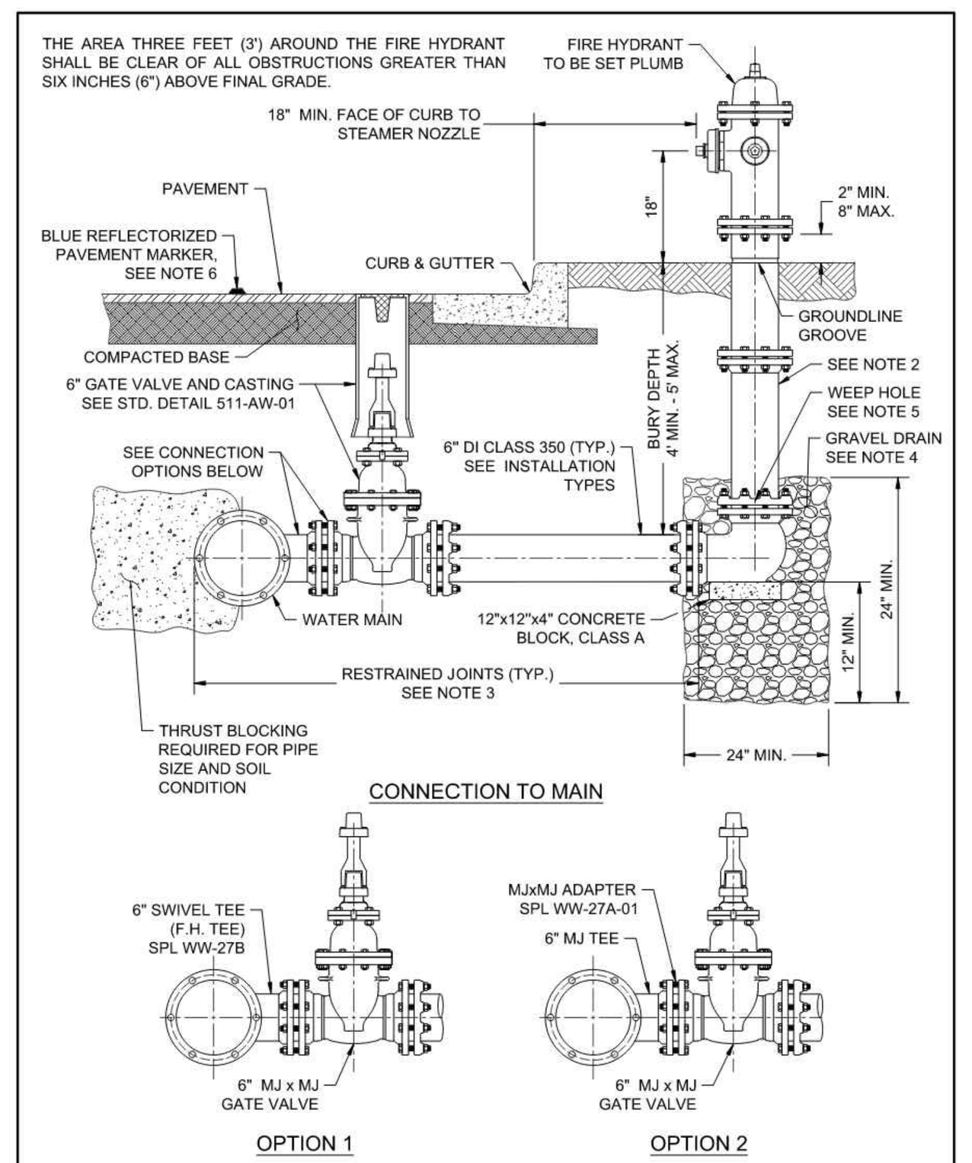
FDC SIGN TO BE 12 INCHES TALL BY 18 INCHES WIDE. RED REFLECTIVE BACKGROUND WITH WHITE LETTERS STATING:

FDC
(BUILDING ADDRESS)

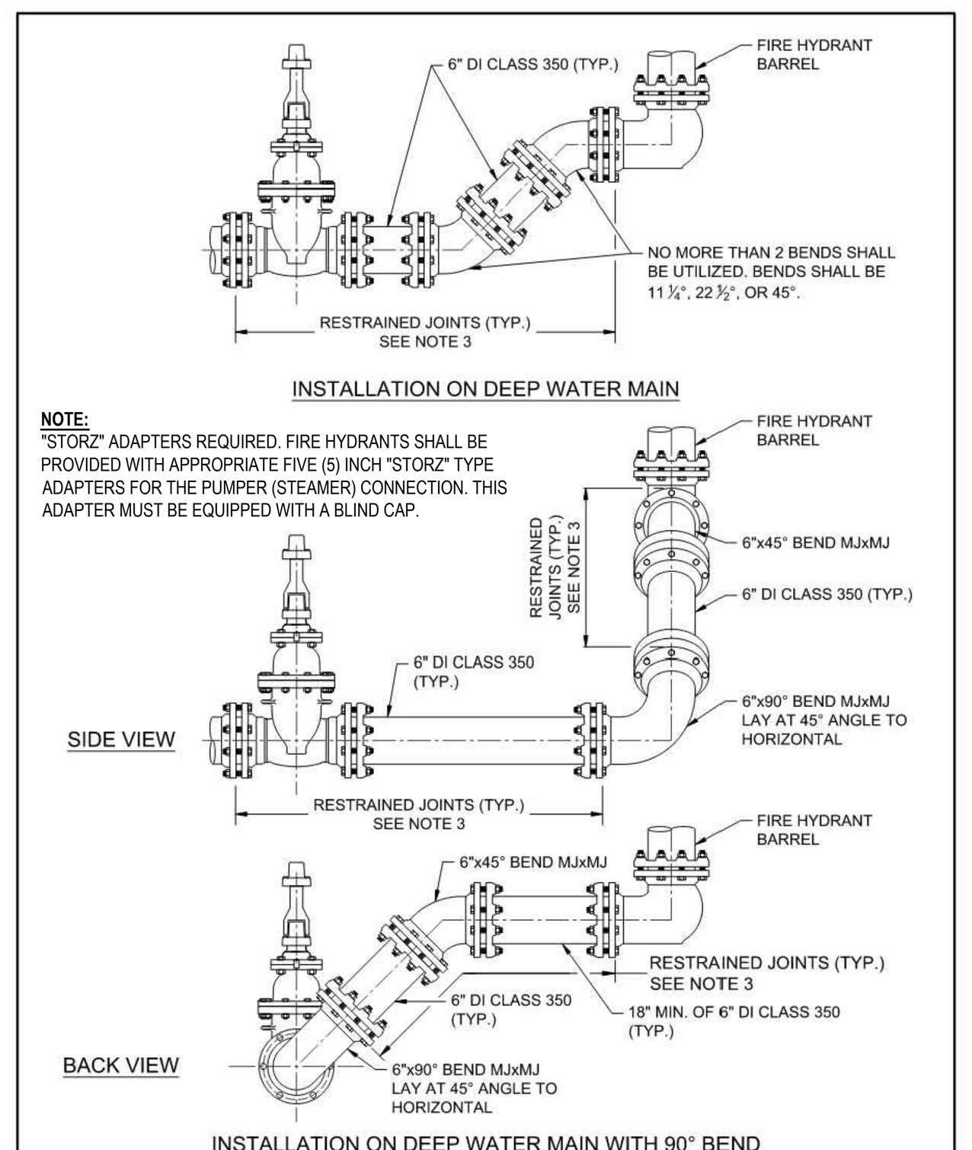


FIRE DEPARTMENT CONNECTION DETAIL
-NTS-

THE AREA THREE FEET (3') AROUND THE FIRE HYDRANT SHALL BE CLEAR OF ALL OBSTRUCTIONS GREATER THAN SIX INCHES (6") ABOVE FINAL GRADE.



CITY OF AUSTIN / AUSTIN WATER — FIRE HYDRANT ASSEMBLY
JEFF A. KYLE 11/06/2023 ADOPTED — THE ENGINEER/ARCHITECT ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. MODIFICATIONS TO THIS STANDARD ARE PROHIBITED. — STANDARD NO. 511-AW-02 1 OF 3

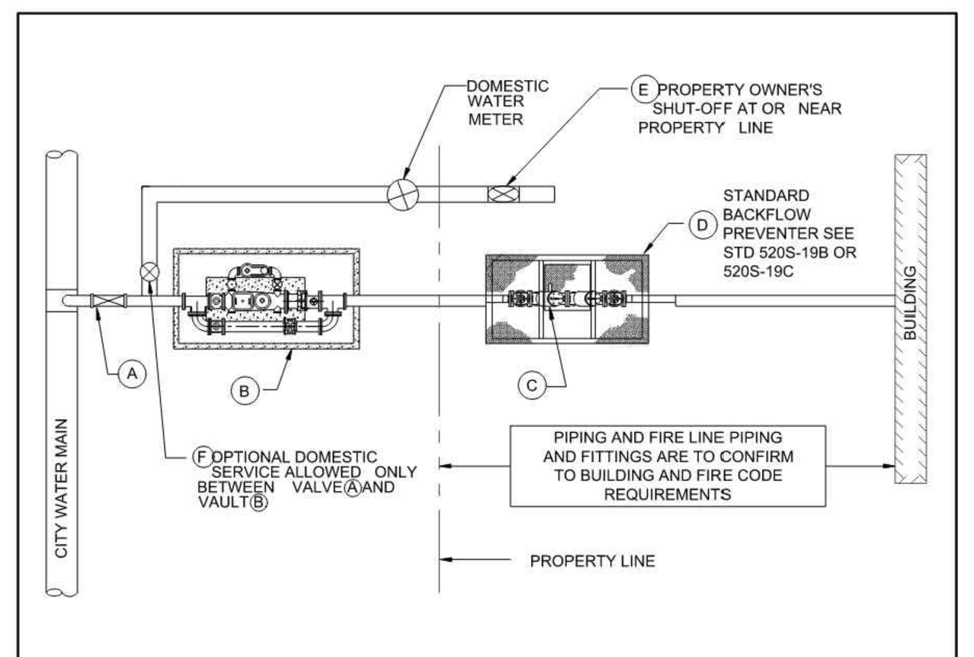


NOTE:
"STORZ" ADAPTERS REQUIRED. FIRE HYDRANTS SHALL BE PROVIDED WITH APPROPRIATE FIVE (5) INCH "STORZ" TYPE ADAPTERS FOR THE PUMPER (STEAMER) CONNECTION. THIS ADAPTER MUST BE EQUIPPED WITH A BLIND CAP.

CITY OF AUSTIN / AUSTIN WATER — FIRE HYDRANT ASSEMBLY
JEFF A. KYLE 11/06/2023 ADOPTED — THE ENGINEER/ARCHITECT ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. MODIFICATIONS TO THIS STANDARD ARE PROHIBITED. — STANDARD NO. 511-AW-02 2 OF 3

NOTES: APPLICABLE TO ALL INSTALLATION TYPES.
1. NO PART OF A HYDRANT OR ITS NOZZLE CAPS SHALL BE WITHIN 6" OF ANY SIDEWALK OR PEDESTRIAN RAMP. ANY FIRE HYDRANT PLACED NEAR A STREET CORNER SHALL BE LOCATED OUTSIDE THE CURVE RADIUS AND A MINIMUM OF 4' FROM RAMPS.
2. ONE BARREL EXTENSION NOT EXCEEDING 2' LENGTH MAY BE INSTALLED DIRECTLY BELOW THE FIRE HYDRANT IN ORDER TO MEET THE REQUIRED BURY DEPTH OF 4' - 5'. BREAK AWAY BOLTS (SHOE TYPES) SHALL BE PROPERLY SPACED AND PLACED.
3. FIRE LINE SHALL HAVE ALL JOINTS RESTRAINED FROM MAIN TO FIRE HYDRANT INCLUDING MJ RESTRAINT OF TEE AT THE MAIN. JOINTS SHOWN MAY VARY. SEE SPL WW-27A, WW-27A-01, AND WW-27B FOR RESTRAINT OPTIONS.
4. BELOW EACH HYDRANT, A DRAINAGE PIT 24" IN DIAMETER AND 12" DEEP SHALL BE EXCAVATED AND FILLED WITH COMPACTED COARSE GRAVEL OR BROKEN STONE MIXED WITH COARSE SAND UNDER AND AROUND THE BOWL OF THE HYDRANT, AND TO A LEVEL 12" ABOVE THE HYDRANT DRAIN OPENING (SEE STD. SPEC. 510). THE HYDRANT DRAINAGE PIT SHALL NOT BE CONNECTED TO A SANITARY SEWER. THE DRAIN GRAVEL SHALL BE COVERED WITH FILTER FABRIC PER STD. SPEC. 620.
5. WRAP 8 MIL. POLY-FILM WRAP ON ALL BURIED PIPE AND FITTINGS. CUT SLITS IN POLY-FILM WRAP AT BOOT TO ALLOW WATER TO ESCAPE FROM WEEP HOLES AND POLY-WRAP.
6. A BLUE TYPE II-B-B REFLECTORIZED PAVEMENT MARKER, CONFORMING TO STANDARD SPECIFICATION ITEM NO. 863S, SHALL BE PLACED 2 TO 3 FEET OFFSET FROM THE CENTERLINE OF PAVED STREETS, ON THE SIDE OF AND IN LINE WITH ALL NEWLY INSTALLED FIRE HYDRANTS.

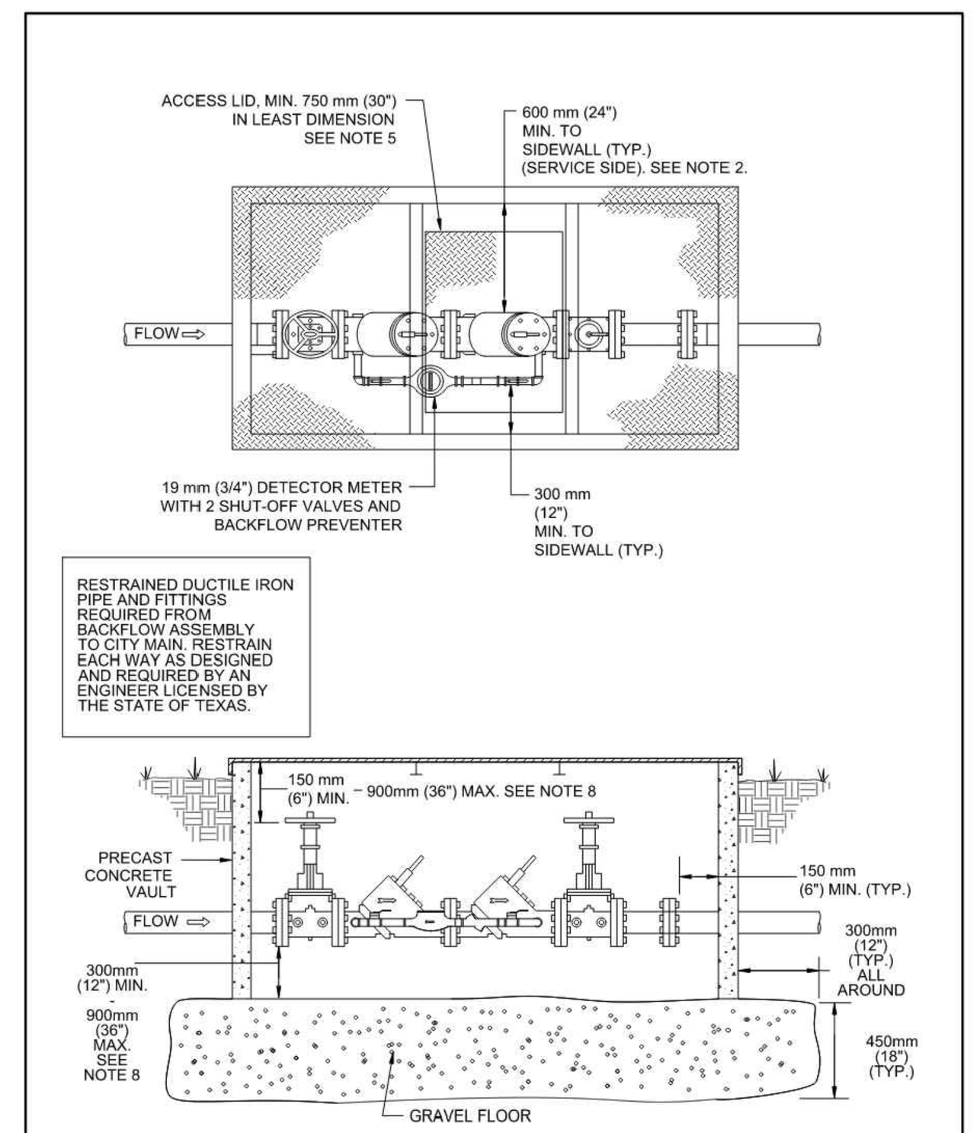
CITY OF AUSTIN / AUSTIN WATER — FIRE HYDRANT ASSEMBLY
JEFF A. KYLE 11/06/2023 ADOPTED — THE ENGINEER/ARCHITECT ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. MODIFICATIONS TO THIS STANDARD ARE PROHIBITED. — STANDARD NO. 511-AW-02 3 OF 3



MATERIALS:
(A) TAPPING, RESTRAINED OR FLANGED VALVE (GATE, IRON BODY WITH MJ OUTLET). SEE SPL WW-243, WW-27, WW-27A, AND/OR WW-27B.
(B) FIRELINE OR MASTER METER, SEE STD. DETAIL 520S-17.
(C) CUSTOMER'S BACKFLOW PREVENTION ASSEMBLY AS REQUIRED BY CROSS CONNECTION ORDINANCES. SEE SPL WW-293 OR APPROVEL EQUAL.
(D) VAULT AND ACCESS DOOR SHALL BE PER SPL WW-298 OR SPL WW-614, RESPECTIVELY, OR APPROVED EQUAL. SEE STD. DETAIL 520S-19B OR 19C. VAULT SHALL NOT BE LOCATED IN A TRAFFIC AREA.
(E) CUSTOMER'S SHUT-OFF VALVE ON DOMESTIC WATER LINE.
(F) DOMESTIC WATER SERVICE LINE VALVE.

NOTES:
1. FIRE LINE SHALL BE A MINIMUM OF 150 mm (6") & GREATER THAN OR EQUAL TO METER SIZE IN THE STREET RIGHT-OF-WAY. PLANS SHALL BE PREPARED BY A LICENSED ENGINEER.
2. ALL BURIED PIPE SHALL BE WRAPPED COMPLETELY WITH A MINIMUM OF 0.2 mm (8 MIL) POLYETHYLENE FILM.
3. 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).
4. FOR STD. DETAILS 520S-19A, 19B, AND 19C, MASTER METER MEANS METER FOR FIRE AND DOMESTIC SERVICE. 5. 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.

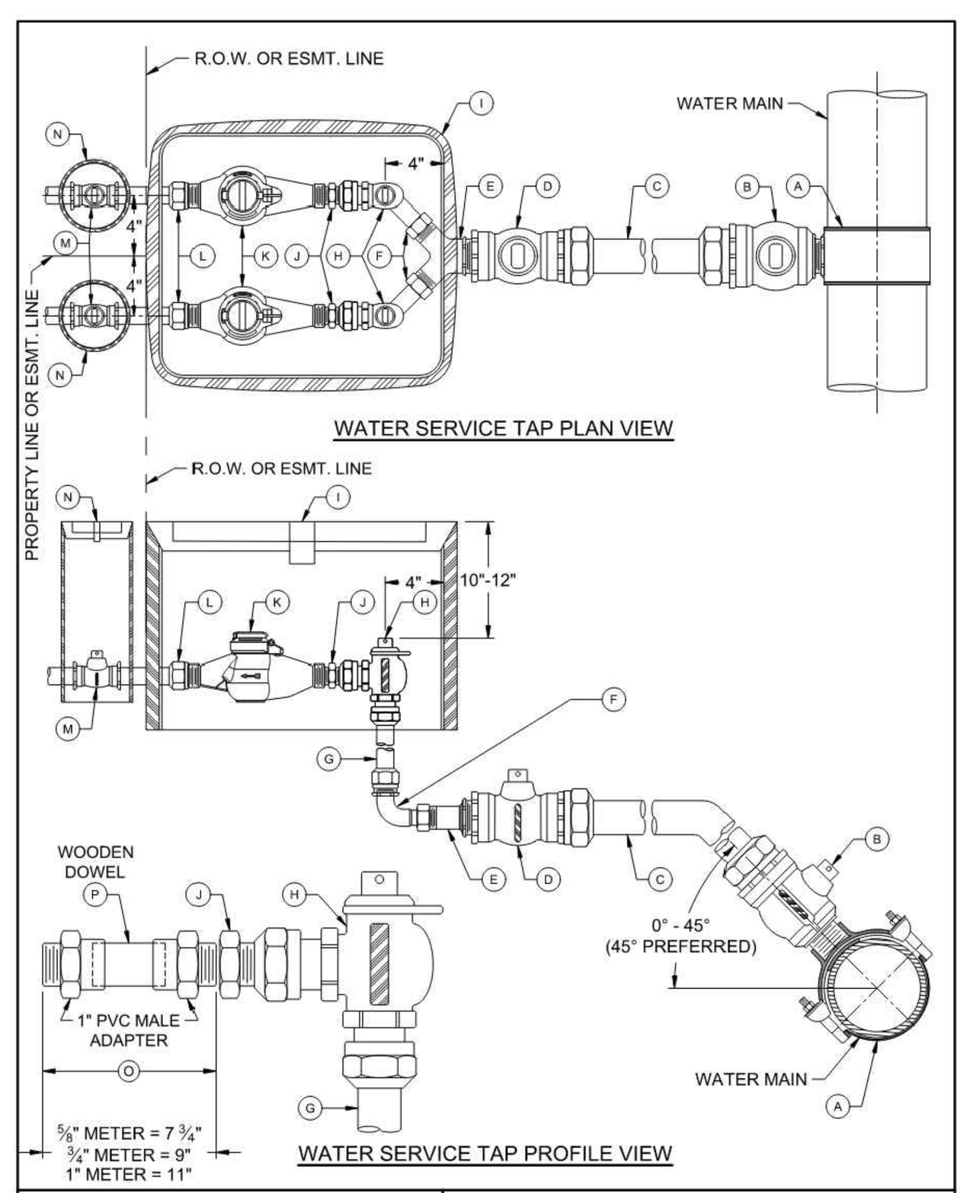
CITY OF AUSTIN / AUSTIN WATER UTILITY — STANDARD FIRE LINE INSTALLATION WITH OR WITHOUT MASTER METER
RECORD COPY SIGNED BY KATHI L FLOWERS 08/31/2011 ADOPTED — THE ENGINEER/ARCHITECT ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. MODIFICATIONS TO THIS STANDARD ARE PROHIBITED. — STANDARD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



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



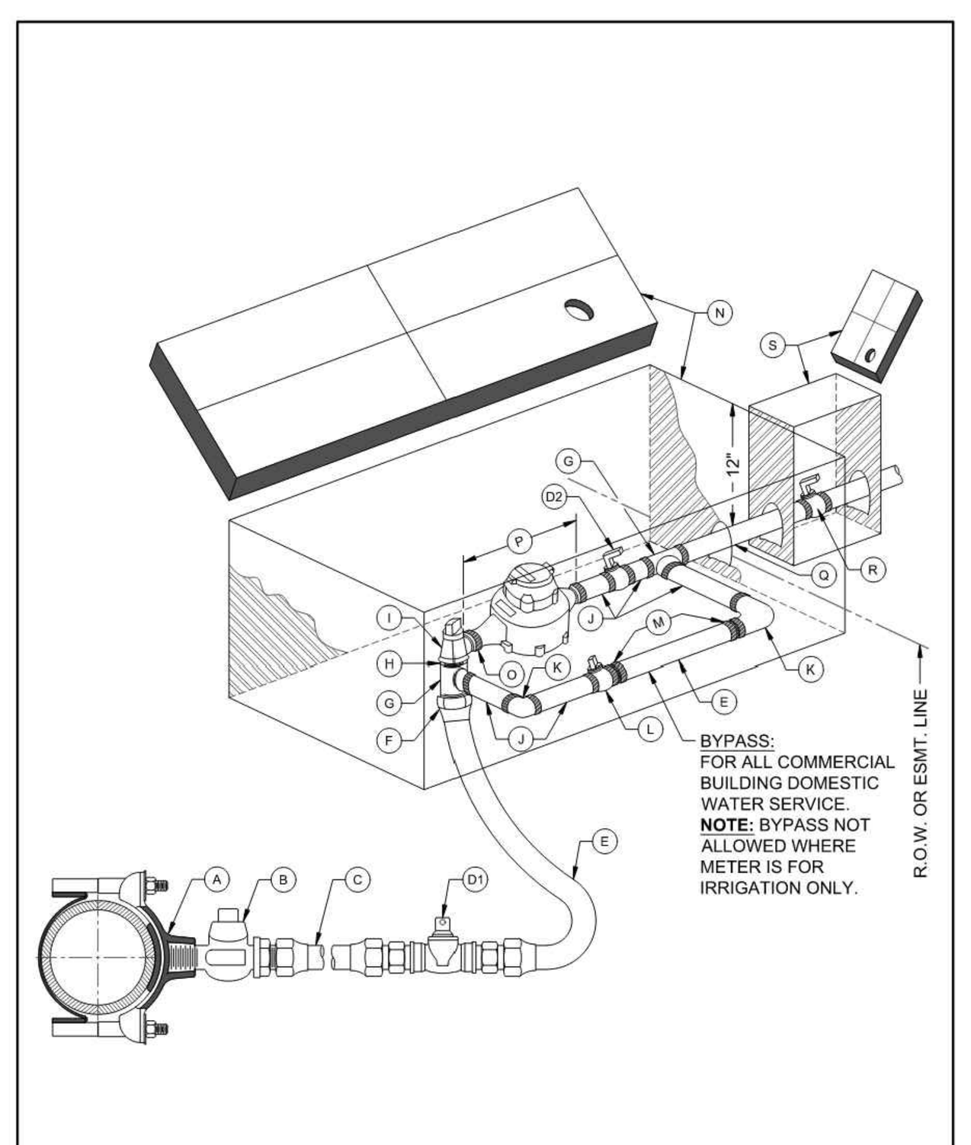
CITY OF AUSTIN / AUSTIN WATER — WATER SERVICE & METER INSTALLATION - 1" & SMALLER METERS
RECORD COPY SIGNED JEFF A. KYLE 08/16/2019 ADOPTED — THE ENGINEER/ARCHITECT ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. MODIFICATIONS TO THIS STANDARD ARE PROHIBITED. — STANDARD NO. 520-AW-01B 1 OF 2

MATERIALS LIST:
A. 2" SERVICE CLAMP, SPL WW-264
B. 2" CORPORATION STOP, SPL WW-68
C. 2" HDPE WATER SERVICE TUBING, SPL WW-65
D. 2" BALL VALVE, SPL WW-68
E. SINGLE SERVICE: 2" MIP X 1" COPPER FLARE FITTING, SPL WW-68 OR DOUBLE SERVICE: 2" MIP X 1" COPPER FLARE WYE, SPL WW-68
F. 1" SWIVEL NUT x 1" COMPRESSION 90° BEND, SPL WW-68
G. 1" HDPE WATER SERVICE TUBING, SPL WW-65
H. 1" ANGLE METER STOP, SPL WW-68
I. METER BOX AND LID, SPL WW-145A; FOR DUAL 1" METERS: USE TWO SINGLE METER BOXES

MATERIALS TO BE INSTALLED BY PLUMBER:
J. BRASS METER BUSHING - SIZE AS NEEDED TO CONNECT ANGLE METER STOP TO METER
K. WATER METER PURCHASED FROM AUSTIN WATER
L. BRASS WATER METER COUPLING MALE IPT x SWIVEL COUPLING NUT: ⅝" AND ¾" METERS: 8 ½" LONG x ¾" DIA. 1" METERS: 8 ½" LONG x 1" DIA.
M. PROPERTY OWNER'S CUT OFF VALVE, SPL WW-276
N. PROPERTY OWNER'S CUT OFF VALVE BOX AND LID
O. TEMPORARY METER SPACER (REQUIRED TO ASSURE METER WILL FIT APPROPRIATELY)
P. 1" WOODEN DOWEL (SHOW ADDRESS ON DOWEL USING WATERPROOF MARKER)

NOTES:
1. SERVICE CLAMP SHALL BE WRAPPED COMPLETELY WITH 8 MIL. POLYETHYLENE FILM, SPL WW-27D.
2. BRANCH CONNECTIONS AND ALL ANGLE METER STOPS MUST BE INSTALLED PRIOR TO ANY METER INSTALLATION.
3. TOP OF METER BOXES SHOULD BE 4" 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. METER BOX MUST BE BEHIND CURB NEXT TO PROPERTY LINE OR EASEMENT AND OUT OF VEHICULAR TRAFFIC AREA AND SIDEWALK.
6. BALL VALVE "D" SHALL NOT BE LOCATED UNDER SIDEWALK, CURB, OR PAVEMENT, AND NOT BE LOCATED MORE THAN 36" BELOW FINAL GRADE.
7. METER SIZES TO BE SHOWN ON PLANS.
8. METER BOX CUT OUTS SHALL NOT EXCEED TWO TIMES THE PIPE DIAMETER.
9. INSTALL METALLIC TRACER TAPE, SPL WW-597, MINIMUM 1' ABOVE TUBING FROM SERVICE CLAMP "A" TO BALL VALVE "D".
10. TUBING SHALL BE PLACED IN A STRAIGHT ALIGNMENT AND ALLOWED TO RELAX AND "SNAKE" LOOSELY IN THE TRENCH. TUBING BEHIND CURB AND GUTTER SHALL BE INSTALLED WITH A MINIMUM 2' DEPTH OF COVER.
11. 1" TUBING, WHEN BENT, SHALL HAVE A RADIUS NO SMALLER THAN 3'. 2" TUBING, WHEN BENT, SHALL HAVE A RADIUS NO SMALLER THAN 5'. BRASS FITTINGS SHALL NOT BE CONNECTED TO A BENT SECTION OF TUBING.
12. SOLID, TUBULAR STAINLESS STEEL INSERT STIFFENERS FOR HDPE TUBING SHALL BE USED AT ALL COMPRESSION FITTINGS. INSERT STIFFENERS SHALL BE FROM THE SAME MANUFACTURER AS THE COMPRESSION FITTING USED.
13. FOR RECLAIMED WATER SERVICES AND METERS, ALL RECLAIMED TUBING SHALL BE MANUFACTURED SOLID PURPLE, SPL WW-65A. ALL APPURTENANCES SHALL BE MANUFACTURED PURPLE IF AVAILABLE. ALL FITTINGS THAT ARE NOT AVAILABLE FROM THE MANUFACTURER IN PURPLE SHALL BE PAINTED PURPLE PER SPL WW-3C. ALL METER BOX LIDS SHALL BE PURPLE AND HAVE **"RECLAIMED WATER"** CAST INTO THEM, SPL WW-145A.

CITY OF AUSTIN / AUSTIN WATER — WATER SERVICE & METER INSTALLATION - 1" & SMALLER METERS
RECORD COPY SIGNED JEFF A. KYLE 08/16/2019 ADOPTED — THE ENGINEER/ARCHITECT ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. MODIFICATIONS TO THIS STANDARD ARE PROHIBITED. — STANDARD NO. 520-AW-01B 2 OF 2



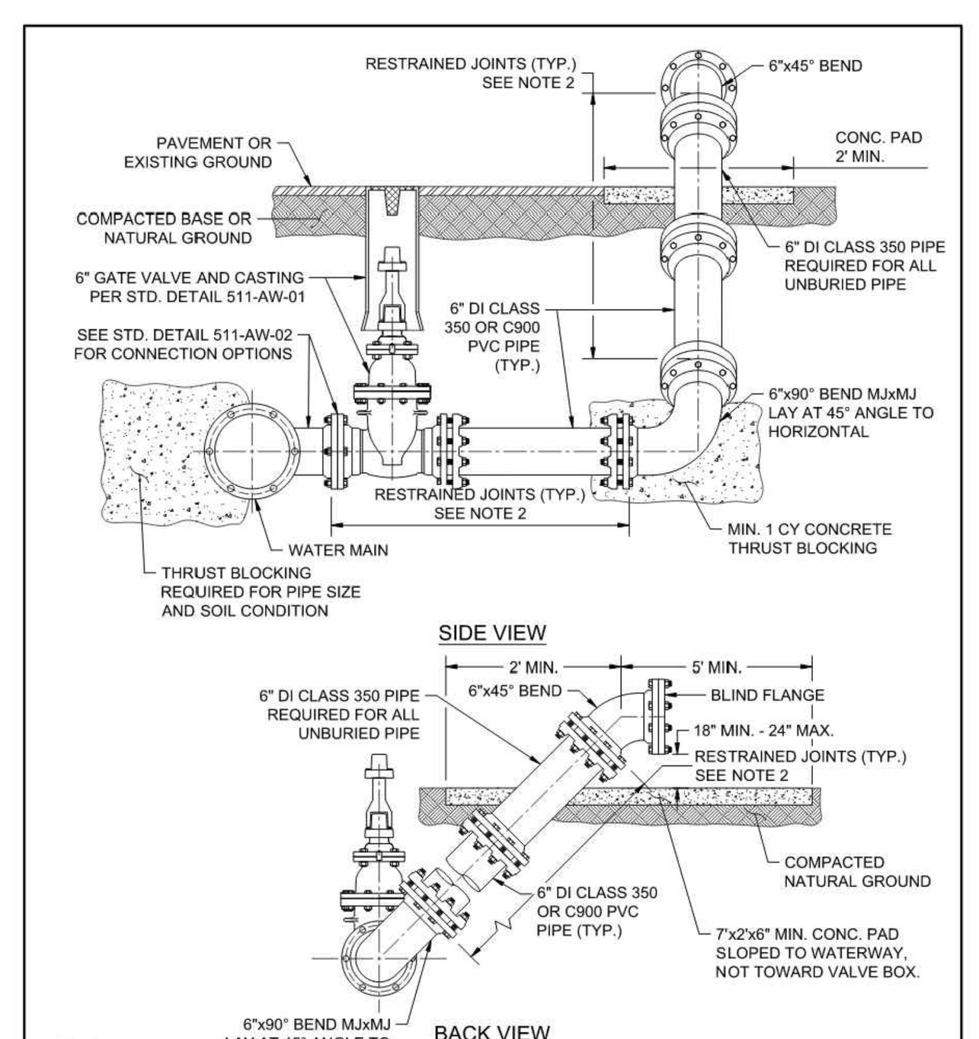
CITY OF AUSTIN / AUSTIN WATER — 1 ½" - 2" METER INSTALLATION SHOWING OPTIONAL BYPASS
RECORD COPY SIGNED BY KATHI L FLOWERS 05/18/2016 ADOPTED — THE ENGINEER/ARCHITECT ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. MODIFICATIONS TO THIS STANDARD ARE PROHIBITED. — STANDARD NO. 520-AW-04 1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



NOTES:
1. WRAP 8 MIL. POLY-FILM WRAP ON ALL BURIED PIPE AND FITTINGS.
2. PROVIDE RESTRAINED JOINTS FOR ALL JOINTS PER SPL WW-27A. FLGxFLG JOINTS ARE ACCEPTABLE FROM 90° BEND TO BLIND FLANGE.
3. EXTERIOR SURFACES OF EXPOSED PIPE SHALL BE PAINTED PER SPL WW-3C. POTABLE WATER PIPE SHALL BE PAINTED SAFETY BLUE.

CITY OF AUSTIN / AUSTIN WATER — DRAIN VALVE
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-03 1 OF 1

!!! 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.

"RELEASE OF THIS APPLICATION DOES NOT CONSTITUTE A VERIFICATION OF ALL DATA, INFORMATION AND CALCULATIONS SUPPLIED BY THE APPLICANT. THE ENGINEER OF RECORD IS SOLELY RESPONSIBLE FOR THE COMPLETENESS, ACCURACY AND ADEQUACY OF HIS/HER SUBMITTAL, WHETHER OR NOT THE APPLICATION IS REVIEWED FOR CODE COMPLIANCE BY CITY ENGINEERS"

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STATE OF TEXAS — DAVID P SMITH — 56239 — REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS
Revision No. Revision Date

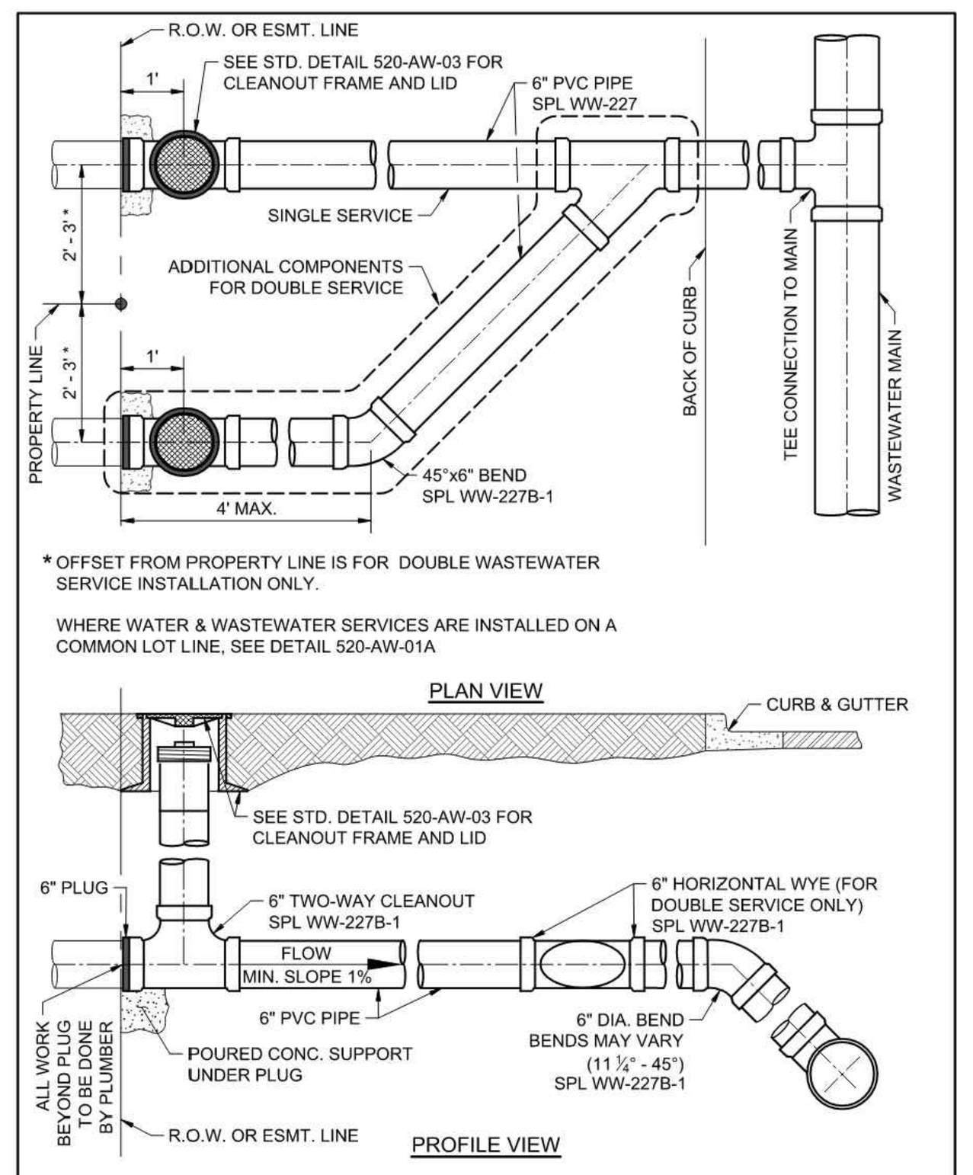
Director: Approver
Drawn By: Author
Designer: Designer
Quality Control
Proj. Arch.: Checker

PROJECT NO.
23-134.00

SHEET TITLE
CONSTRUCTION DETAILS (3 OF 5)

DRIPPING SPRINGS HS No.2

SHEET NO.
C11.2



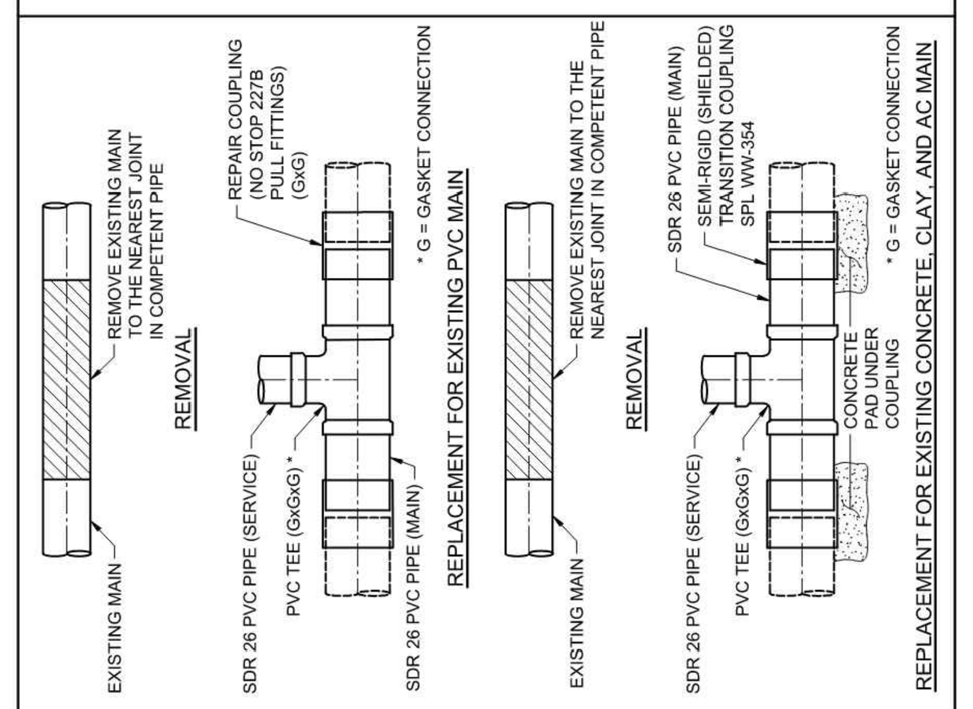
* OFFSET FROM PROPERTY LINE IS FOR DOUBLE WASTEWATER SERVICE INSTALLATION ONLY.

WHERE WATER & WASTEWATER SERVICES ARE INSTALLED ON A COMMON LOT LINE, SEE DETAIL 520-AW-01A

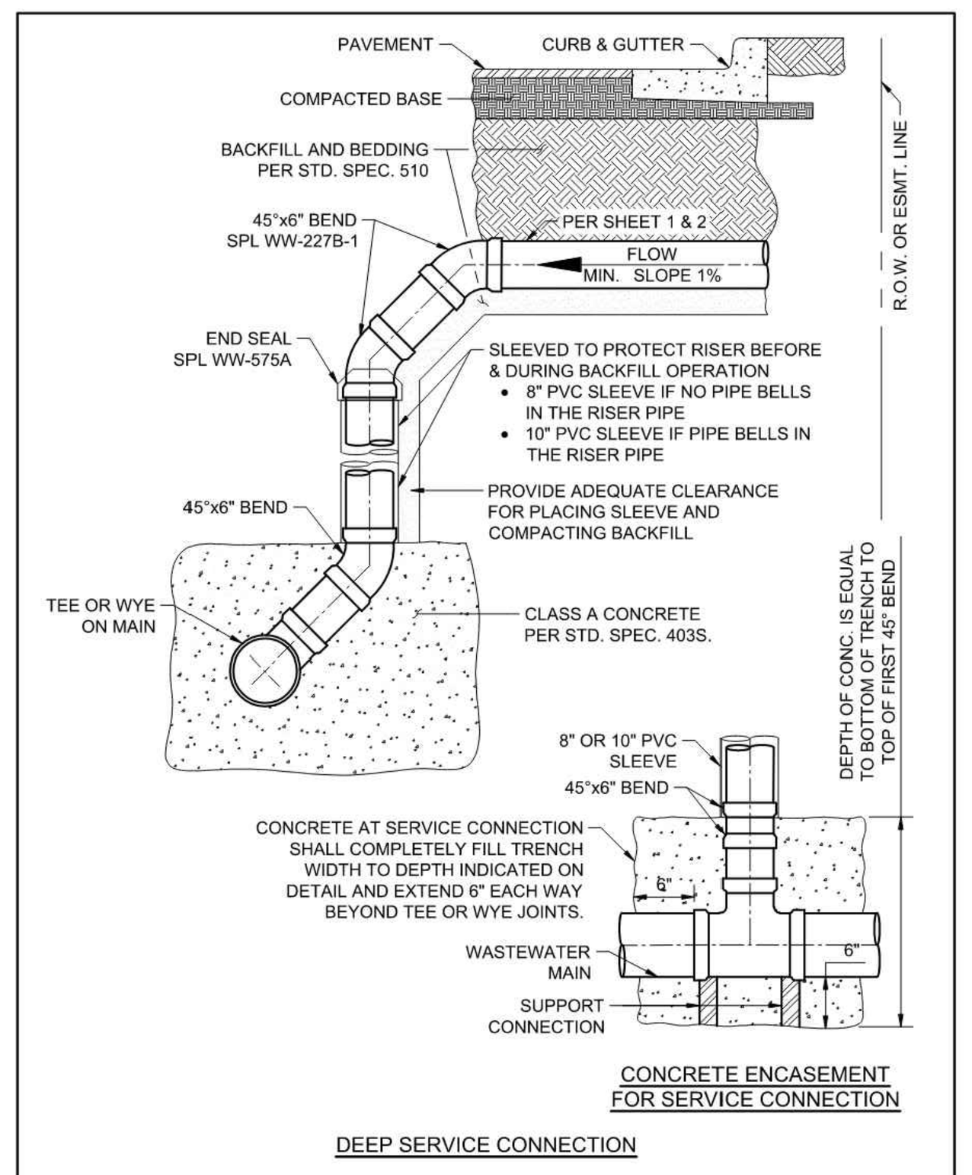
CITY OF AUSTIN AUSTIN WATER	SINGLE AND DOUBLE WASTEWATER SERVICE CONNECTION	
RECORD COPY SIGNED JEFF A. KYLE — 11/07/2018 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 520-AW-01C 1 OF 4

NOTES:

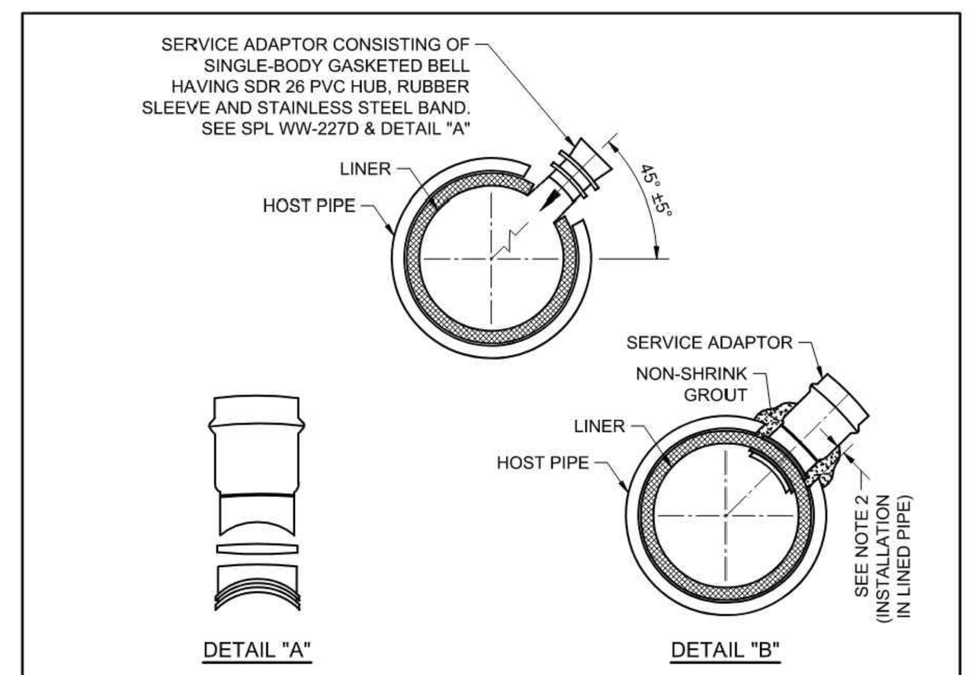
1. DURING SUBDIVISION CONSTRUCTION, UTILITY CONTRACTOR INSTALLS WASTEWATER TEE CONNECTION TO MAIN, 6" STUB, HORIZONTAL WYE FOR DOUBLE SERVICES, 6" SERVICE BRANCH WITH TWO-WAY CLEANOUT(S) AND RISER, FRAME, AND COVER. CLEANOUT(S) TO BE PLUGGED AT PROPERTY LINE OR EASEMENT LINE END. ALL WASTEWATER PIPING SHALL HAVE ELASTOMERIC GASKET TYPE JOINTS AND SLOPE DOWNWARD TO MAIN 1% MIN. TO 45° MAX. DEPTH OF SERVICE AT PROPERTY LINE WILL BE SHOWN ON PLANS BY ENGINEER IF GREATER THAN 4', OTHERWISE THE INSTALLED DEPTH WILL BE 4' MIN. AND 6' MAX. AT PROPERTY LINE. IF WASTEWATER SERVICE LINE TO MAIN REQUIRES DEFLECTION EXCEEDING 45°, SEE SHEET 3 OF 4.
2. PIPING IN STREET RIGHT-OF-WAY AND IN EASEMENT AREA SHALL BE BEDDED IN GRANULAR MATERIALS AS REQUIRED BY CITY OF AUSTIN STANDARD SPECIFICATION 510.3 (14); MATERIALS SHALL BE AS SPECIFIED IN 510.2 (2)(A) AND (3)(B); BACKFILL ABOVE THE GRANULAR BEDDING SHALL BE AS REQUIRED BY SECTION 510.3 (25). SERVICE LINES IN THESE AREAS SHALL HAVE A MIN. COVER BELOW FINAL STREET GRADE OF 42".
3. PLUMBER SHALL REMOVE PLUG AND CONNECT TO TWO-WAY CLEANOUT. NO CONNECTION TO CLEANOUT STACK IS ALLOWED.



CITY OF AUSTIN AUSTIN WATER	SINGLE AND DOUBLE WASTEWATER SERVICE CONNECTION	
RECORD COPY SIGNED JEFF A. KYLE — 11/07/2018 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 520-AW-01C 2 OF 4



CITY OF AUSTIN AUSTIN WATER	SINGLE AND DOUBLE WASTEWATER SERVICE CONNECTION	
RECORD COPY SIGNED JEFF A. KYLE — 11/07/2018 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 520-AW-01C 3 OF 4



INSTALLATION IN LINED PIPE:

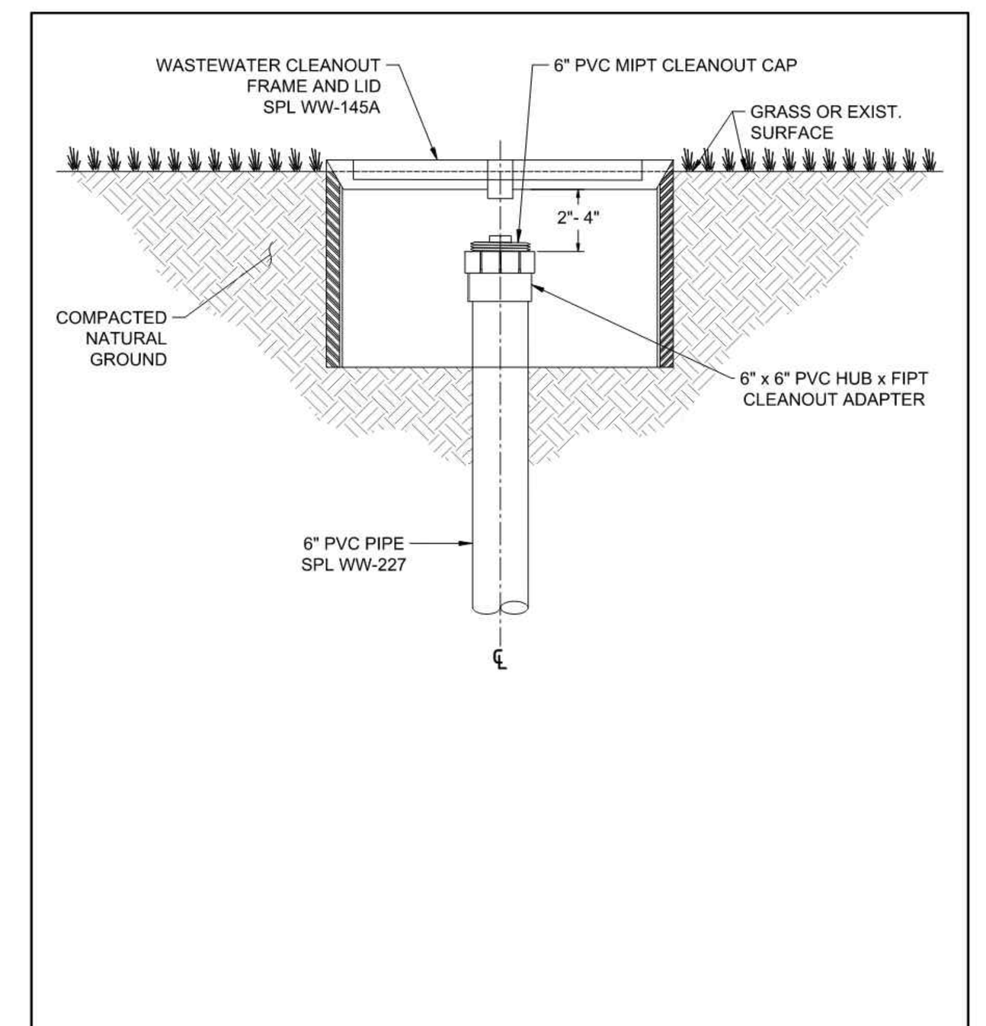
1. MARK LOCATION OF TAP.
2. BREAK & REMOVE HOST PIPE SO THAT OPENING IS AT LEAST 2" BUT NO MORE THAN 3" WIDER THAN DIAMETER OF THE SERVICE ADAPTOR.
3. DO NOT DAMAGE LINER.
4. CORE HOLE THROUGH LINER USING ADAPTOR MANUFACTURER RECOMMENDED BIT.
5. INSTALL SERVICE ADAPTOR.
6. HOLES CUT IN HOST PIPE SHALL BE PACKED WITH NON-SHRINK GROUT (ASTM C1107 GRADE). SEE DETAIL "B"

NOTES:

1. USE ONLY TO TAP EXISTING LINED PIPE.
2. SEE APPROPRIATE STD. FOR SERVICE LINE INFORMATION.
3. THE EDGE OF THE CORE HOLE MUST BE AT LEAST 3' FROM THE ENDS OF THE PIPE, ANY OTHER CORE SERVICE CONNECTIONS, AND ANY FITTINGS.
4. FOR DEEP SERVICE APPLICATIONS SEE SHEET 3 OF 4, EXCEPT SUBSTITUTE A CORED HOLE, AND SERVICE ADAPTOR FOR THE TEE OR WYE.
5. SERVICE CONNECTIONS TO MANHOLES MUST BE MADE USING A PIPE-TO-MANHOLE CONNECTOR WHICH LIMITS THE PIPE SLOPE INTO THE MANHOLE TO 12% MAX.

6" WASTEWATER CONNECTION TO EXISTING LINED MAIN

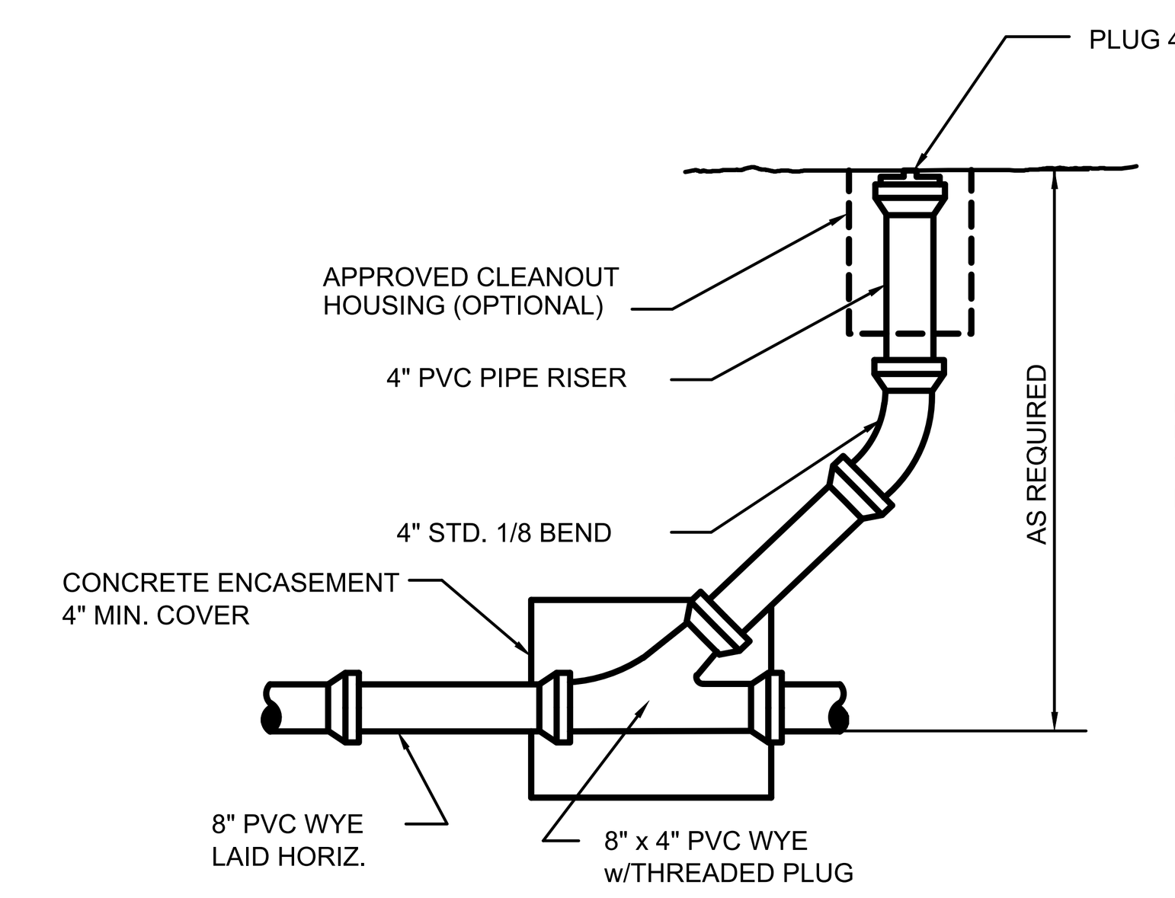
CITY OF AUSTIN AUSTIN WATER	SINGLE AND DOUBLE WASTEWATER SERVICE CONNECTION	
RECORD COPY SIGNED JEFF A. KYLE — 11/07/2018 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 520-AW-01C 4 OF 4



NOTE:

1. WASTEWATER CLEANOUT FRAME AND LID SHALL NOT BE PLACED IN PAVED AREAS, INCLUDING SIDEWALKS, DRIVEWAYS, OR PARKING LOTS, AND MUST BE LOCATED A MINIMUM OF 6" FROM ALL PAVED AREAS.

CITY OF AUSTIN AUSTIN WATER	WASTEWATER CLEANOUT FRAME AND LID	
JEFF A. KYLE — 08/16/2019 ADOPTED	THE ENGINEER/ARCHITECT ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. MODIFICATIONS TO THIS STANDARD ARE PROHIBITED.	STANDARD NO. 520-AW-03 1 OF 1

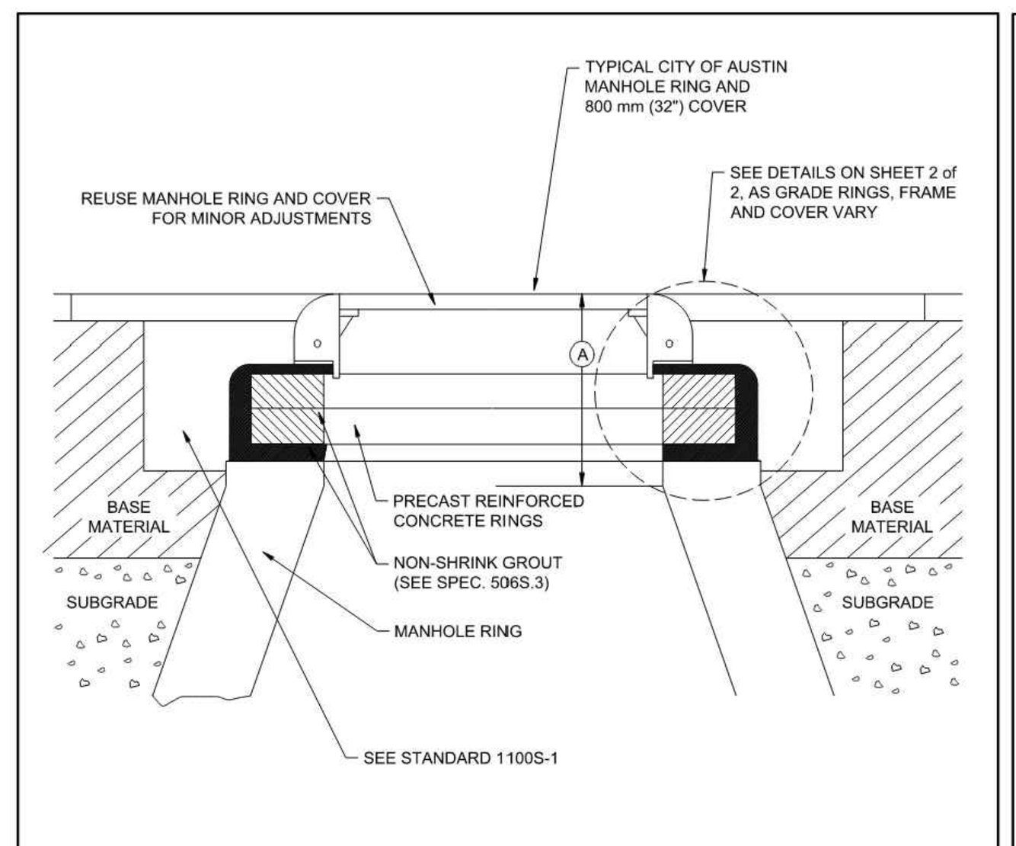


NOTE:
USE CONCRETE COLLAR AND TRAFFIC LID WHEN IN PAVEMENT AREAS.

ELEVATION

CLEAN-OUT DETAIL (PRIVATE)

N.T.S.

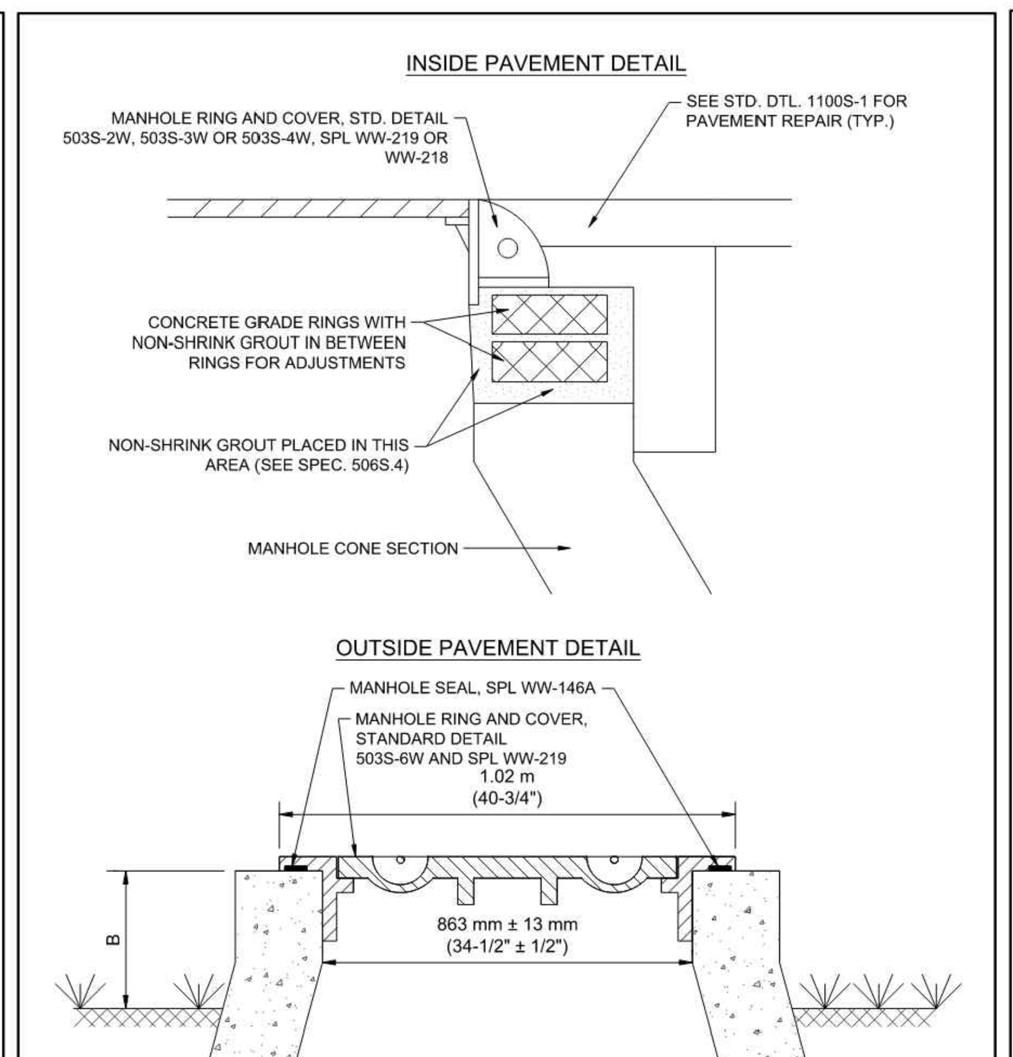


(A) VERTICAL FACE = ALLOWABLE THROAT OR CHIMNEY HEIGHT
= NEW CONSTRUCTION = 525mm = (21") Max.
= EXISTING CONSTRUCTION = 675mm (27") Max.

NOTES:

1. NON-SHRINK GROUT SHALL NOT EXCEED 25 mm (1") IN ANY DIMENSION.
2. SUB-GRADE AND BASE MATERIALS SHALL BE COMPACTED ACCORDING TO ITEMS 201S AND 210S, RESPECTIVELY, OF THE CITY OF AUSTIN STANDARD SPECIFICATIONS.
3. REFER TO STANDARD 1100S-1 FOR REPAIRS AROUND MANHOLES.
4. SEE STANDARD 506S-4A FOR HDPE RING INSTALLATION (FOR USE IN PAVED AREAS ONLY).

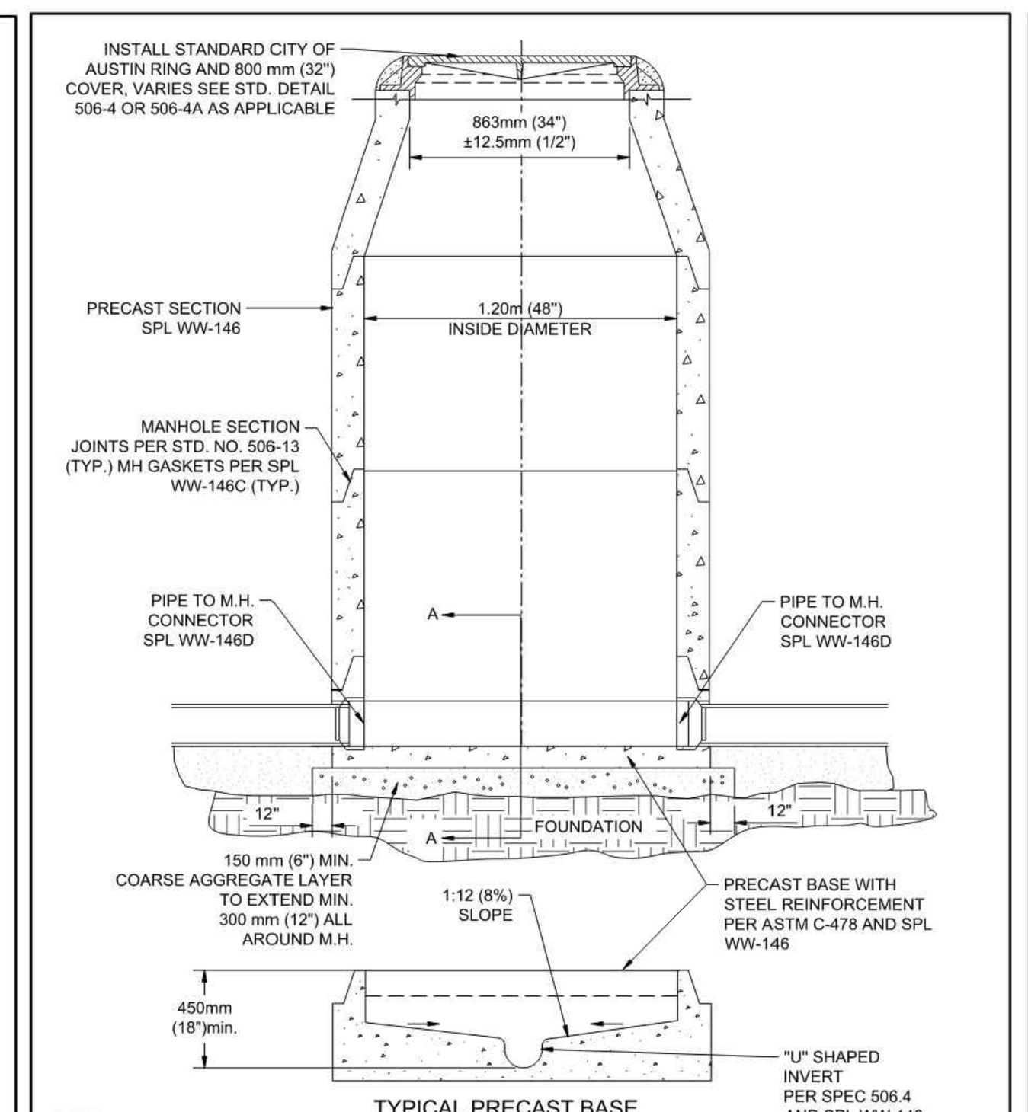
CITY OF AUSTIN AUSTIN WATER UTILITY	MINOR MANHOLE ADJUSTMENT & NEW MANHOLE CONSTRUCTION	
RECORD COPY SIGNED BY KATHI L FLOWERS — 08/31/2011 ADOPTED	THE ENGINEER/ARCHITECT ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. MODIFICATIONS TO THIS STANDARD ARE PROHIBITED.	STANDARD NO. 506S-4 1 OF 2



NOTES:

1. FOR USE IN UNPAVED AREAS ONLY.
2. WHEN USED WITHIN 100-YEAR FLOODPLAIN, SEE DTL. 506S-6 FOR ADDITIONAL M.H. REQUIREMENTS.
3. DIMENSION B=150-300 mm (6"-12") FOR M.H. LOCATED IN 100-YR FLOOD PLAN; B=50-300 mm (2"-12") FOR M.H. OUTSIDE 100-YR FLOOD PLAN.

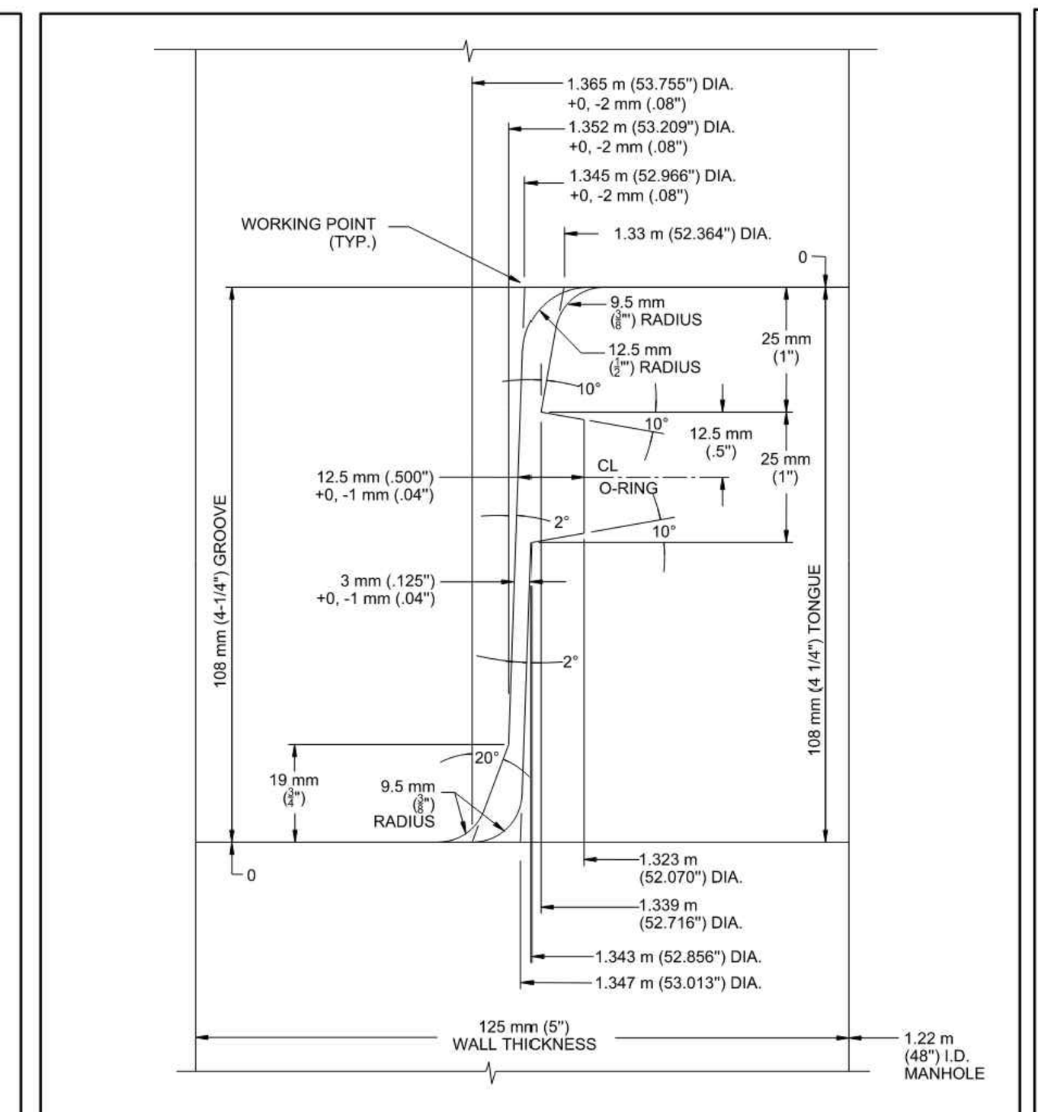
CITY OF AUSTIN AUSTIN WATER UTILITY	MINOR MANHOLE ADJUSTMENT & NEW MANHOLE CONSTRUCTION	
RECORD COPY SIGNED BY KATHI L FLOWERS — 08/31/2011 ADOPTED	THE ENGINEER/ARCHITECT ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. MODIFICATIONS TO THIS STANDARD ARE PROHIBITED.	STANDARD NO. 506S-4 2 OF 2



NOTE:

1. THE MANHOLE BASE SHALL BE BEDDED ON 150 mm (6") COARSE AGGREGATE. THE CONTRACTOR SHALL LEVEL AND PLUMB THE BASE PRIOR TO SETTING THE PRECAST MANHOLE RISER SECTIONS ON THE PRECAST CONCRETE BASE.
2. MH FOUNDATION SHALL MEET OR EXCEED STD. SPEC. 506.5B.

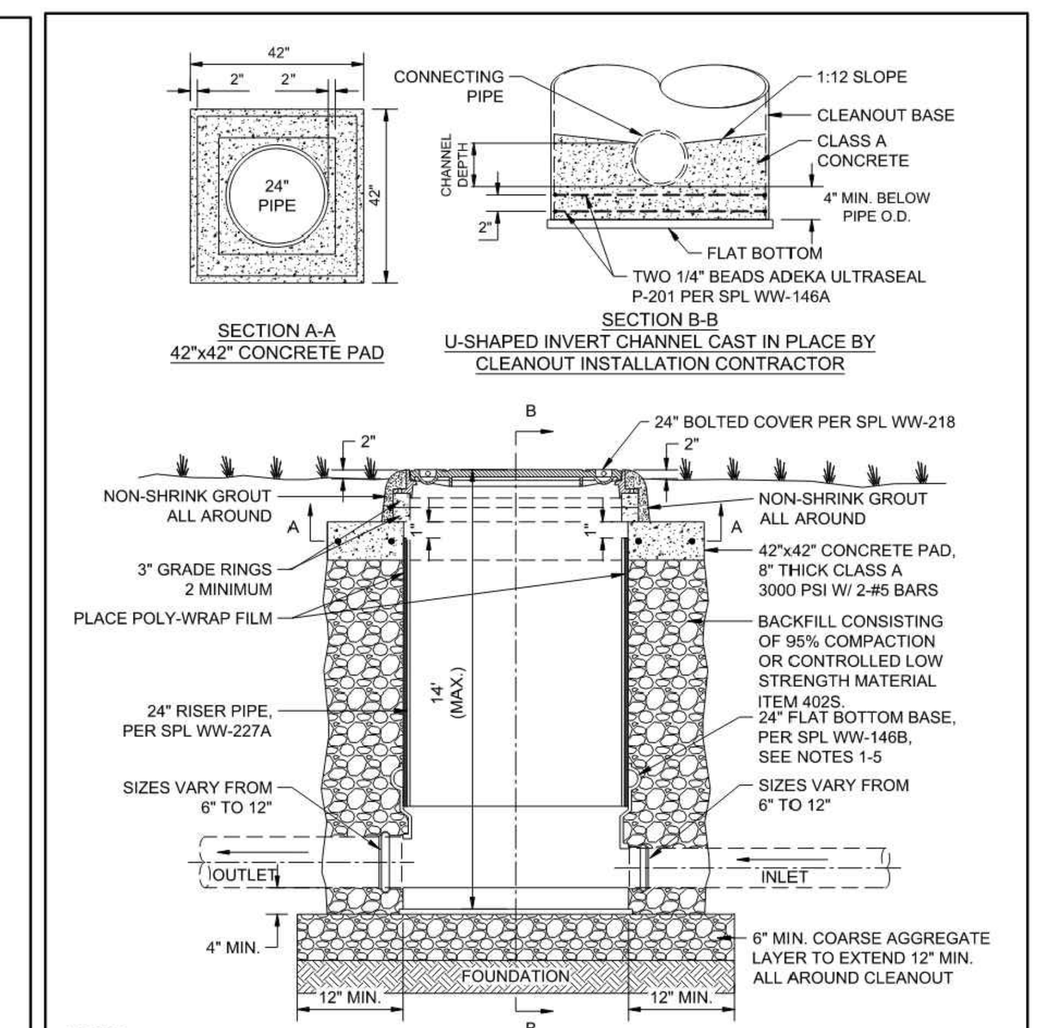
CITY OF AUSTIN AUSTIN WATER UTILITY	WASTEWATER MANHOLE ON PRECAST BASE	
RECORD COPY SIGNED BY KATHI L FLOWERS — 08/31/2011 ADOPTED	THE ENGINEER/ARCHITECT ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. MODIFICATIONS TO THIS STANDARD ARE PROHIBITED.	STANDARD NO. 506S-10 1 OF 1



NOTES:

1. O-RING DIMENSION 20 mm (25/32") DIA., 1013 cc VOLUME.
2. DRAWING NOT TO SCALE FOR CLARIFICATION OF DIMENSIONS.
3. FOR EX. MANHOLES ONLY

CITY OF AUSTIN AUSTIN WATER UTILITY	O-RING JOINT DETAIL PRECAST MANHOLE SECTION	
RECORD COPY SIGNED BY KATHI L FLOWERS — 06/01/10 ADOPTED	THE ENGINEER/ARCHITECT ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. MODIFICATIONS TO THIS STANDARD ARE PROHIBITED.	STANDARD NO. 506S-12 1 OF 1



NOTES:

1. THE CLEANOUT BASE SECTION SHALL BE SUPPLIED WITH A FLAT BOTTOM WITHOUT A FABRICATOR-INSTALLED INVERT.
2. A U-SHAPED INVERT CHANNEL CONNECTING THE FLOWLINES OF THE INLET AND OUTLET PIPES SHALL BE CAST IN PLACE BY THE CLEANOUT INSTALLATION CONTRACTOR.
3. THE CHANNEL DEPTH SHALL BE 3/4 OF THE DIAMETER OF THE LARGEST PIPE CONNECTING TO THE CLEANOUT.
4. USE CLASS A CONCRETE FOR THE CAST IN PLACE INVERT AND COAT IT WITH AN ORGANIC SPRAY LINER LISTED ON SPL WW-511.
5. THE CLEANOUT FOUNDATION SHALL MEET OR EXCEED STANDARD SPECIFICATION ITEM 506.5B.
6. IN CASES WHERE THE WASTEWATER SERVICE LINE IS LARGER THAN 12" DIAMETER, THE CONTRACTOR MUST INSTALL A MINIMUM 48" DIAMETER MANHOLE IN LIEU OF THE LARGE DIAMETER CLEANOUT. THE ENGINEER MUST PROVIDE AN ACCEPTABLE SAMPLE PORT AND RECEIVE APPROVAL IN WRITING FROM THE INDUSTRIAL WASTE REVIEWER BEFORE INSTALLATION. THE 48" DIA. MANHOLE SHALL CONFORM TO STD. 506S-10 AND INCLUDE A SAMPLE PORT.

CITY OF AUSTIN AUSTIN WATER	LARGE DIAMETER CLEANOUT	
JEFF A. KYLE — 08/14/2020 ADOPTED	THE ENGINEER/ARCHITECT ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. MODIFICATIONS TO THIS STANDARD ARE PROHIBITED.	STANDARD NO. 506-AW-04 1 OF 1

!!! 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.

"RELEASE OF THIS APPLICATION DOES NOT CONSTITUTE A VERIFICATION OF ALL DATA, INFORMATION AND CALCULATIONS SUPPLIED BY THE APPLICANT. THE ENGINEER OF RECORD IS SOLELY RESPONSIBLE FOR THE COMPLETENESS, ACCURACY AND ADEQUACY OF HIS/HER SUBMITTAL, WHETHER OR NOT THE APPLICATION IS REVIEWED FOR CODE COMPLIANCE BY CITY ENGINEERS"

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STATE OF TEXAS
DAVID P SMITH
56239
REGISTERED PROFESSIONAL ENGINEER
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

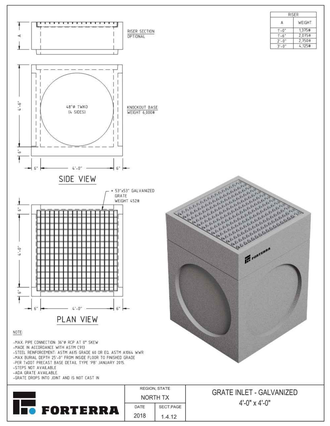
Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.
23-134.00

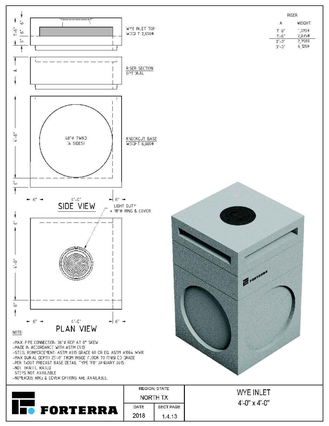
SHEET TITLE
CONSTRUCTION DETAILS (4 OF 5)

SHEET NO.
C11.3

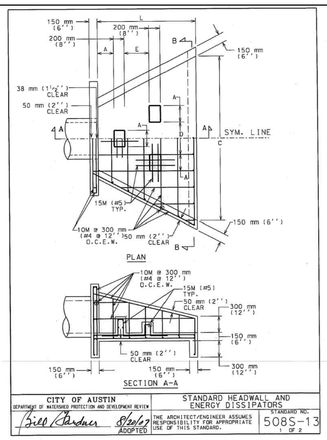
DRIPPING SPRINGS HS No.2



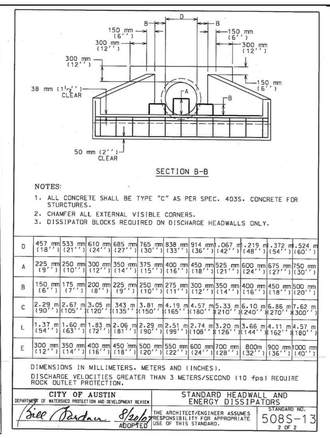
FORTERRA | REGION: NORTH TX | DATE: 2018 | SECT/PAGE: 1.4.12 | GRATE INLET - GALVANIZED 4'-0" x 4'-0"



FORTERRA | REGION: NORTH TX | DATE: 2018 | SECT/PAGE: 1.4.13 | WYE INLET 4'-0" x 4'-0"

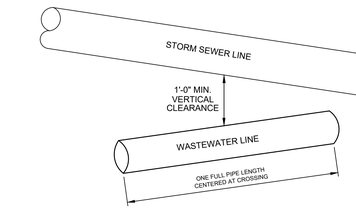


CITY OF AUSTIN, DEPARTMENT OF WATERSHED PROTECTION AND DEVELOPMENT REVIEW — STANDARD HEADWALL AND ENERGY DISSIPATORS — STANDARD NO. 508S-13, 1 OF 2
Bill Burdine 8/26/97 ADOPTED — THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.



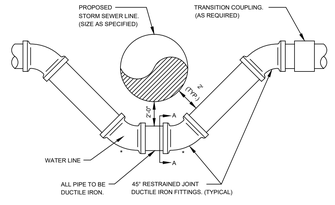
D	457 mm (18")	533 mm (21")	610 mm (24")	685 mm (27")	765 mm (30")	838 mm (33")	914 mm (36")	1,067 mm (42")	1,219 mm (48")	1,372 mm (54")	1,524 mm (60")	
A	225 mm (9")	250 mm (10")	300 mm (12")	350 mm (14")	375 mm (15")	400 mm (16")	450 mm (18")	525 mm (21")	600 mm (24")	675 mm (27")	750 mm (30")	
B	150 mm (6")	175 mm (7")	200 mm (8")	225 mm (9")	250 mm (10")	275 mm (11")	300 mm (12")	350 mm (14")	400 mm (16")	450 mm (18")	500 mm (20")	
C	2.29 m (90")	2.67 m (105")	3.05 m (120")	3.43 m (135")	3.81 m (150")	4.19 m (165")	4.57 m (180")	5.33 m (210")	6.10 m (240")	6.86 m (270")	7.62 m (300")	
L	1.37 m (54")	1.60 m (63")	1.83 m (72")	2.06 m (81")	2.29 m (90")	2.51 m (99")	2.74 m (108")	3.20 m (126")	3.66 m (144")	4.11 m (162")	4.57 m (180")	
E	300 mm (12")	350 mm (14")	400 mm (16")	450 mm (18")	500 mm (20")	550 mm (22")	600 mm (24")	700 mm (28")	800m (32")	900 mm (36")	1000 mm (40")	

CITY OF AUSTIN, DEPARTMENT OF WATERSHED PROTECTION AND DEVELOPMENT REVIEW — STANDARD HEADWALL AND ENERGY DISSIPATORS — STANDARD NO. 508S-13, 2 OF 2
Bill Burdine 8/26/97 ADOPTED — THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.



STORM SEWER LINE / WASTEWATER LINE CROSSING DETAIL

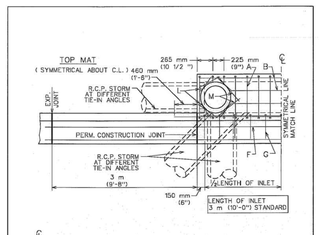
N.T.S



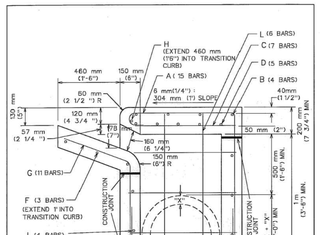
PROFILE

STORM SEWER & WATERLINE CROSSING DETAIL

N.T.S



CITY OF AUSTIN, DEPARTMENT OF PUBLIC WORKS — TYPICAL DETAILS FOR CURB INLET — STANDARD NO. 508S-3, 1 OF 4
Bill Burdine 12/9/05 ADOPTED — THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.

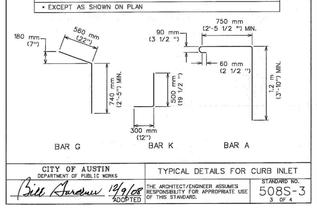


CITY OF AUSTIN, DEPARTMENT OF PUBLIC WORKS — TYPICAL DETAILS FOR CURB INLET — STANDARD NO. 508S-3, 2 OF 4
Bill Burdine 12/9/05 ADOPTED — THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.

TABLE OF QUANTITIES
FOR 18" OUTLET PIPE
REINFORCING STEEL QUANTITIES

BARS	SIZE	SPACING	NUMBER	LENGTH	WEIGHT
A	4	230mm (9")+	15	2 m (7'-0")	73
B	4	250 mm (10")	4	3.25 m (10'-8")	29
C	4	460 mm (18")	7	760 mm (2'-6")	12
D	6	150 mm (6")	5	3.25 m (10'-8")	80
E	4	300 mm (12")	6	760 mm (2'-6")	10
F	4	250 mm (10")	3	4 m (13'-0")	35
G	4	300 mm (12")	11	1.25 m (4'-3")	31
H	6		1	4.25 m (14'-0")	20
J	4	300 mm (12")	7	3.25 m (10'-8")	50
K	4	230 mm (9")+	30	800 mm (2'-7 1/2")	52
L	4	300 mm (12")+	6	1.3 m (4'-4")	17
M	4		4	500 mm (1'-8") AVG	4
TOTAL STEEL, LB.					413
TOTAL CONCRETE, C.Y.					4.06

• EXCEPT AS SHOWN ON PLAN

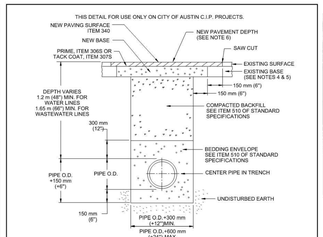


CITY OF AUSTIN, DEPARTMENT OF PUBLIC WORKS — TYPICAL DETAILS FOR CURB INLET — STANDARD NO. 508S-3, 3 OF 4
Bill Burdine 12/9/05 ADOPTED — THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.

NOTES:
1. ALL CONCRETE SHALL BE CLASS "A"
2. ALL REINFORCING STEEL SHALL BE GRADE 60
3. DIMENSIONS RELATING TO REINFORCING STEEL ARE TO CENTERS OF BARS.
4. VERTICAL STEEL MAY BE SPLICED (380 mm or 15" MIN. LAP) IN THE LOWER ONE-HALF OF ALL INLET WALLS.S. IN AREAS OF CONFLICT BETWEEN REINFORCING STEEL, PIPES AND MANHOLE FRAME, THE REINFORCEMENT SHALL BE BENT OR ADJUSTED TO CLEAR AS DIRECTED BY THE ENGINEER.
5. QUANTITIES SHOWN HEREON ARE FOR THE CONTRACTOR'S INFORMATION ONLY. PAYMENT WILL BE MADE FOR EACH INLET OF THE TYPE SPECIFIED, COMPLETE IN PLACE INCLUDING MANHOLE FRAME AND OVER.
7. CHAMFER ALL EXPOSED EDGES 20 mm (3/4 ").
8. MANHOLE FRAME AND COVER SHALL BE IN ACCORDANCE WITH CITY OF AUSTIN STANDARD 503S-1.
9. THE CONTRACTOR MAY PROPOSE ALTERNATE PROCEDURES FOR THE CONSTRUCTION OF INLETS, INCLUDING PRECAST UNITS. PLANS FOR SUCH PROPOSED ALTERNATES SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL BEFORE CONSTRUCTION.
10. ALL INLET WALLS SHALL BE FORMED EXCEPT WHERE THE NATURE OF THE SURROUNDING MATERIAL IS SUCH THAT IT CAN BE TRIMMED TO A SMOOTH VERTICAL FACE. WHEN INLET WALLS ARE PLACED TO NEAT EXCAVATION LINES THE WALL THICKNESS SHALL NOT EXCEED 10 INCHES.
11. PAYMENT FOR INLET AT THE CONTRACT PRICE SHALL INCLUDE THE TRANSITION CURB.
12. INVERT OF INLET SHALL BE SLOPED 1/20 WITH FILL CONCRETE, SHAPED AS "Y" SECTION
13. NO SPLICING OF REINFORCING STEEL SHALL BE PERMITTED UNLESS OTHERWISE NOTED ON THE PLANS OR PERMITTED IN WRITING BY THE ENGINEER.

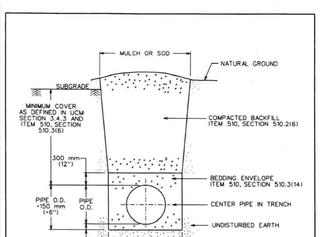
REFERENCES:
FOR EXPANSION JOINT DOWEL AND DOWEL LOCATION DETAILS SEE STD. 430S-3, "CURB EXPANSION JOINT DOWEL DETAIL".
FOR 18" MANHOLE FRAME AND COVER DETAILS SEE STD. 503S-1, "18" COVER AND FRAME".

CITY OF AUSTIN, DEPARTMENT OF PUBLIC WORKS — TYPICAL DETAILS FOR CURB INLET — STANDARD NO. 508S-3, 4 OF 4
Bill Burdine 12/9/05 ADOPTED — THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.



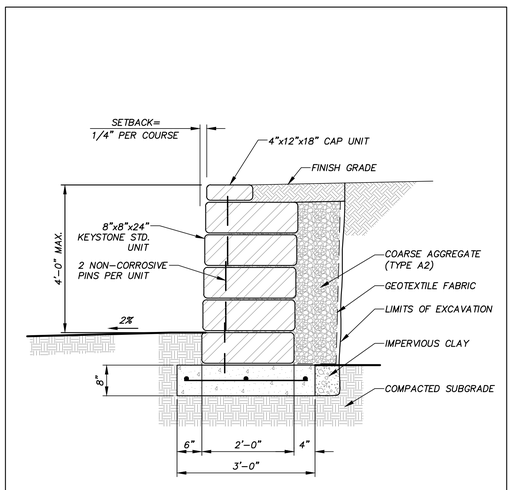
NOTES:
1. THE EXISTING PAVING SURFACE SHALL BE SAW CUT IN A STRAIGHT LINE A MINIMUM OF 300 mm (12") WIDER THAN THE UNDISTURBED SIDES OF THE TRENCH. SYMETRICAL ABOUT THE CENTER LINE OF THE EXCAVATION.
2. ANY CONCRETE PAVING SHALL BE SAW CUT 150 mm (6") WIDER THAN UNDISTURBED SIDES OF EXCAVATION.
3. IF EXCAVATION AREA IS OPEN FOR TEMPORARY PUBLIC USE, THE SURFACE SHALL BE MAINTAINED LEVEL WITH ADJACENT RIDING SURFACE WITH COLD MIX OR TEMPORARY HOT MIX ASPHALTIC CONCRETE.
4. ROAD BASE AND SURFACE MATERIALS IN THE TRENCH CUT SHALL BE REPLACED IN KIND OF EQUAL THICKNESS, OR MINIMUM BASE THICKNESS OF 250 mm (10"), WHICHEVER IS GREATER.
5. ALL DAMAGED AREAS OF PAVEMENT OUTSIDE THE TRENCH CUT SHALL BE REMOVED AND REPLACED WITH MINIMUM OF 200 mm (8") OF BASE OR MATCH EXISTING THICKNESS, WHICHEVER IS GREATER.
6. SURFACE PAVEMENT SHALL BE OF THE KIND AND THICKNESS AS EXISTING, OR MINIMUM 50 mm (2"), WHICHEVER IS GREATER.

CITY OF AUSTIN, WATER AND WASTEWATER UTILITY — TYPICAL TRENCH WITH PAVED SURFACE — STANDARD NO. 510S-3, 1 OF 1
RECORD COPY SIGNED BY LEON BARBA 8/19/02 ADOPTED — THE ENGINEER/ARCHITECT ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. MODIFICATIONS TO THIS STANDARD ARE PROHIBITED.



REFERENCES:
1. UTILITY CRITERIA MANUAL SECTION 3.4.3, "FINAL DESIGN"
2. STANDARD SPECIFICATION MANUAL ITEM 510, SECTION 510.2(6), "SELECT BACKFILL OR BORROW"; SECTION 510.3(6), "TRENCH DEPTH AND DEPTH OF COVER"; SECTION 510.3(14), "PIPE BEDDING ENVELOPE."

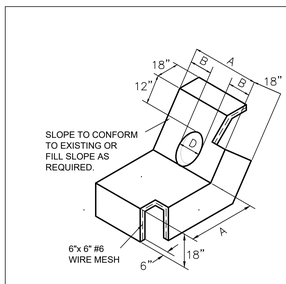
CITY OF AUSTIN, DEPARTMENT OF PUBLIC WORKS — TYPICAL TRENCH DETAIL WITH UNFINISHED SURFACE — STANDARD NO. 510S-5
Bill Burdine 3/13/06 ADOPTED — THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.



LOW KEYSTONE RETAINING WALL

DETAIL NO. 8040 SPECIFICATION SECTION: 32 32 23

0 .5 1 2 3 4
FULL SIZE = 3/4"=1'-0" - HALF SIZE = 3/8"=1'-0"



A=GREATER OF 36" MINIMUM OR D+2B
B=GREATER OF 15" MINIMUM OR .5D

TYPICAL CONCRETE RIP-RAP AT PIPE

N.T.S

!!! 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.

"RELEASE OF THIS APPLICATION DOES NOT CONSTITUTE A VERIFICATION OF ALL DATA, INFORMATION AND CALCULATIONS SUPPLIED BY THE APPLICANT. THE ENGINEER OF RECORD IS SOLELY RESPONSIBLE FOR THE COMPLETENESS, ACCURACY AND ADEQUACY OF HIS/HER SUBMITTAL, WHETHER OR NOT THE APPLICATION IS REVIEWED FOR CODE COMPLIANCE BY CITY ENGINEERS"

Texas 811 Know what's below. Call before you dig.

Walker Partners engineers | surveyors T.B.P.E. Registration No. 8053

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VLK
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Austin, Texas 78746
Main Phone: 512.807.3145
www.vlkarchitects.com

DRIPPING SPRINGS ISD
DRIPPING SPRINGS, TEXAS

Bid Package 2
Issue For Permitting, Bidding and Construction

DAVID P SMITH 56239 REGISTERED PROFESSIONAL ENGINEER STATE OF TEXAS
7-24-2025

ISSUED: July 28, 2025

REVISIONS

Revision No.	Revision Date

Director	Drawn By
Approver	Author
Designer	Quality Control
Designer	
Proj. Arch.	
Checker	

PROJECT NO.
23-134.00

SHEET TITLE
CONSTRUCTION DETAILS (5 OF 5)

SHEET NO.
C11.4

DRIPPING SPRINGS HS No.2

ATTACHMENT N:

Inspection, Maintenance, Repair and Retrofit Plan

PROJECT NAME: Dripping Springs High School No. 2

Batch Detention Pond:

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

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

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

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

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

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

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

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

Vegetated Filter Strips:

Once a vegetated area is well established, little additional maintenance is generally necessary. The key to establishing a viable vegetated feature is the care and maintenance it receives in the first few months after it is plant ed. Once established, all vegetated BMPs require some basic maintenance to insure the health of the plants including:

Seasonal Mowing and Lawn Care: If the filter strip is made up of turf grass, it should be mowed as needed to limit vegetation height to 18 inches, using a mulching mower (or removal of clippings). If native grasses are used, the filter may require less frequent mowing, but a minimum of twice annually. Grass clippings and brush debris should not be deposited on vegetated filter strip areas. Regular mowing should also include weed control practices, however herbicide use should be kept to a minimum (Urbonas et al., 1992). Healthy grass can be maintained without using fertilizers because runoff usually contains sufficient nutrients. Irrigation of the site can help assure a dense and healthy vegetative cover.

Inspection: Inspect filter strips at least twice annually for erosion or damage to vegetation; however, additional inspection after periods of heavy runoff is most desirable. The strip should be checked for uniformity of grass cover, debris and litter, and areas of sediment accumulation. More frequent inspections of the grass cover during the first few years after establishment will help to determine if any problems are developing, and to plan for long-term restorative maintenance
needs. Bare spots and areas of erosion identified during semi-annual inspections must be replanted and restored to meet specifications. Construction of a level spreader device may be necessary to reestablish shallow overland flow.

Debris and Litter Removal: Trash tends to accumulate in vegetated areas, particularly along highways. Any filter strip structures (i.e. level spreaders) should be kept free of obstructions to reduce floatables being flushed downstream, and for aesthetic reasons. The need for this practice is determined through periodic inspection, but should be performed no less than 4 times per year.

Sediment Removal: Sediment removal is not normally required in filter strips, since the vegetation normally grows through it and binds it to the soil. However, sediment may accumulate along the upstream boundary of the strip preventing uniform overland flow. Excess sediment should be removed by hand or with flat-bottomed shovels.

Grass Reseeding and Mulching: A healthy dense grass should be maintained on the filter strip. If areas are eroded, they should be filled, compacted, and reseeded so that the final grade is level. Grass damaged during the sediment removal process should be promptly replaced using the same seed mix used during filter strip establishment. If possible, flow should be diverted from the damaged areas until the grass is firmly established. Bare spots and areas of erosion identified during semi-annual inspections must be replanted and restored to meet specifications. Corrective maintenance, such as weeding or replanting should be done more frequently in the first two to three years after installation to ensure stabilization. Dense vegetation may require irrigation immediately after planting, and during particularly dry periods, particularly as the vegetation is initially established.

Responsible Party: Elaine Cogburn
(Name Printed)

Entity: DRIPPING SPRINGS ISD

Mailing Address: 300 Sportsplex Drive, Dripping Springs, Texas 78620

City, State: DRIPPING SPRINGS, TX Zip Code: 78620

Telephone: 512-858-3000

Elaine Cogburn
Signature of Responsible Party

07.22.2025
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 through the proposed water quality pond and vegetated filter strips prior to any discharge to the existing intermittent drainageways on site. The improvements are not expected to change the way water enters surface streams.

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: DAVID P SMITH, P.E.

Date: 6/2/2025

Signature of Customer/Agent:

Regulated Entity Name: DRIPPING SPRINGS HIGH SCHOOL #2

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:

   [X] The following fuels and/or hazardous substances will be stored on the site: NONE

   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: ONION 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:

[X] 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.

[X] 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.

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

[X] 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. [X] 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.

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

9. [X] **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. [X] **Attachment G - Drainage Area Map**. A drainage area map supporting the following requirements is attached:

    [X] 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. [X] 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. [X] Stabilization practices must be initiated as soon as practicable where construction activities have temporarily or permanently ceased.

Administrative Information

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

21. [X] 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. [X] 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

CONTRACTOR IS RESPONSIBLE FOR ADEQUATE CLEANUP OF ANY SPILLS DURING CONSTRUCTION.

CONTRACTOR SHALL HAVE PERSONNEL ONSITE WHO ARE KNOWLEDGEABLE AND TRAINED TO PERFORM THE SPILL RESPONSE ACTIONS.

SMALL SPILL RESPONSE

BELOW ARE GENERAL STEPS AND MATERIALS TO BE USED FOR CLEANUP.

1) IDENTIFYING THE SUBSTANCE & DETERMINING THE RISK BASED ON THE MATERIAL SAFETY DATA SHEETS

2) ISOLATING THE AREA OF THE SPILL

3) PROTECTING PERSONNEL AND CLEANUP PERSONNEL (Personal Protective Equipment as necessary, goggles, gloves)

4) STOPPING THE SPILL AT THE SOURCE

5) CONTAINING THE SPILL: Utilizing the correct sorbents to dam or divert the spill for clean up.

6) CLEANING UP THE SPILL: Utilizing the proper containers, bags, shovels and other tools, sawdust, sorbent pads, socks, and pillows as needed.

SPILL RESPONSE ACTIONS

Responsibility for adequate cleanup of any chemical spills during construction will be placed on the contractor. The contractor will notify TCEQ of any chemical spills as required at (512) 339-2929.

Reportable quantities as defined by 30 TAC Chapter 327 are as follows:
(a) Hazardous substances. The reportable quantities for hazardous substances shall be:

(1) for spills or discharges onto land--the quantity designated as the Final Reportable Quantity (RQ) in Table 302.4 in 40 CFR §302.4; or

(2) for spills or discharges into waters in the state--the quantity designated as the Final RQ in Table 302.4 in 40 CFR §302.4, except where the Final RQ is greater than 100 pounds in which case the RQ shall be 100 pounds.

(b) Oil, petroleum product, and used oil.

(1) The RQ for crude oil and oil other than that defined as petroleum product or used oil shall be:

(A) for spills or discharges onto land--210 gallons (five barrels); or

(B) for spills or discharges directly into water in the state--quantity sufficient to create a sheen.

(2) The RQ for petroleum product and used oil shall be:

(A) except as noted in subparagraph (B) of this paragraph, for spills or discharges onto land--25 gallons;

(B) for spills or discharges to land from PST exempted facilities--210 gallons (five barrels); or

(C) for spills or discharges directly into water in the state--quantity sufficient to create a sheen.

(c) Industrial solid waste or other substances. The RQ for spills or discharges into water in the state shall be 100 pounds.

ATTACHMENT B – POTENTIAL SOURCES OF CONTAMINATION

Some potential sources of contamination are as follows: construction vehicles tracking onto public roads, existing solid waste, and other vehicle contaminants (i.e., fuel, oil, lubricants, etc.). Refer to Attachment A for Spill Response Actions.

ATTACHMENT C – SEQUENCE OF MAJOR ACTIVITIES

1. Install erosion controls
2. Start excavation of two temporary sediment ponds (4 acres and 2 acres, respectively)
3. Start rough grading of access roads and site (94 acres)
4. Start underground utility installation (within disturbed 94 acres)
5. Start construction of building, drives, and parking lot (within disturbed 94 acres)
6. Finalize construction of pond and vegetated filter strips (within disturbed 94 acres)
7. Restore disturbed areas, place topsoil, install permanent vegetation (within disturbed 94 acres outside building and pavement improvements)

ATTACHMENT D – TEMPORARY BEST MANAGEMENT PRACTICES AND MEASURES

The disturbed areas will drain to one of the existing drainageways on site.

Stabilized construction entrance/exit, concrete clean out area, silt fence, rock berm and inlet protection will be installed to protect these drainageways. During construction, these BMPs are to be inspected weekly and after any rainfall.

Thee TBMPs will provide temporary runoff detention, velocity reduction, and settlement of sediment.

Silt fence and rock berms will prevent pollutants from entering existing surface streams.

There are no naturally-occurring sensitive features identified onsite.

ATTACHMENT F – STRUCTURAL PRACTICES

Structural practices consist of the use of silt fence, rock berms, and inlet protection as previously described.

ATTACHMENT G – DRAINAGE AREA MAP

Drainage area map showing the proposed work is included.

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

Two water quality ponds with batch detention will be used as a temporary sediment basin during construction. Per RG-348A, the capture volume for Hays County is 8,000 cf/ac. This equates to 483,000 c.f. and 268,000 c.f. for the pond drainage areas of 60.3 acres (P1-1) and 36.8 acres (P2-1). See the enclosed Pond Plan and Pond Details sheets for additional information.

NAME OF PROJECT

Date: _____

Storm Event: ❑ Inches: _____

Operator Inspection Form

Project Name: _____

Inspector: _____

Qualifications: _____

Are BMPs in place and maintained in accordance for site? If not, describe location of failures or inadequacies, and actions required.

Used?		Location of Failures/ Inadequacies/Actions Required/Comments
❑	Interceptor Swale	_____
❑	Diversion Dike	_____
❑	Pipe Slope Drain	_____
❑	Vegetation	_____
❑	Mulching	_____
❑	Erosion Control Mats	_____
❑	Silt Fence	_____
❑	Straw Bale Dike	_____
❑	Tri-Sediment Filter	_____
❑	Inlet Protection	_____
❑	Sediment Trap	_____
❑	Sediment Basin	_____
❑	Check Dams/Gabions	_____
❑	Temp. Sed. Tank	_____
❑	Stab. Const. Entry	_____
❑	Sandbag Berms	_____
❑	Vegetation	_____
❑	Waste Management	_____
❑	Material Management	_____
❑	Non Storm Water Runoff	_____
❑	Other Controls	_____

Inspector: _____ Date: _____

ATTACHMENT J – SCHEDULE OF INTERIM AND PERMANENT SOIL STABILIZATION PRACTICES

1. From September 15 to March 1, seeding shall be with cool season cover crops (wheat at 0.5 pounds per 1000 sf, oats at 0.5 pounds per 1000 sf, cereal rye grain at 0.5 pounds per 1000 sf) with a total rate of 1.5 pounds per 1000 sf. Cool season cover crops are not permanent erosion control.

2. From March 2 to September 14, seeding shall be with hulled bermuda at a rate of 1 pounds per 1000 sf.

   a. Fertilizer shall be water soluble with an analysis of 15-15-15 to be applied once at planting and once during the period of establishment at a rate of 1/2 pound per 1000 sf.

   b. Hydromulch shall comply with table below.

   c. Temporary erosion control shall be acceptable when the grass has grown at least 1 1/2 inches high with 95% coverage, provided no bare spots larger than 16 square feet exist.

   d. When required, native grass seeding shall comply with requirements of the City of Austin Environmental Criteria Manual (as adopted by the City of Dripping Springs).

Material	Description	Longevity	Typical Applications	Application Rate
100% or any blend of wood, cellulose, straw, and/or cotton plant material (except no mulch shall exceed 30% paper).	71% or greater woods/straw 30% or less paper or natural fibers.	0-3 months	Moderate slopes; from flat to 3:1.	1500 to 2000 lbs per acre.

If portions of the site will have a temporary or permanent cease in construction activity lasting longer than 14 days, soil stabilization in those areas shall be initiated as soon as possible prior to the 14th day of inactivity. If activity will resume prior to the 21st day, stabilization measures are not required. If drought conditions or inclement weather prevent action by the 14th day, stabilization measures shall be initiated as soon as possible.

Water Quality General Permit Search

Summary of Application: NOTICE OF INTENT

Authorization Number TXR1571QQ

Application Type:	NOTICE OF INTENT
Application Status:	APPROVED
Received Date:	04/23/2024
Final Action Date:	04/23/2024
Submission Type:	ELECTRONIC SUBMITTAL

Administrative Review

Admin Reviewer:	STORMWATER PROCESSING TEAM
Admin Review Began:	04/23/2024
Admin Review Complete:	04/23/2024

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

Deputy Superintendent,
Title - Owner/President/Other

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

have authorized David P. Smith, P.E.
Print Name of Agent/Engineer

of Walker Partners, LLC
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

07.08.2025
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 8th day of June, 2025

Katrina C Walker
NOTARY PUBLIC

Katrina C Walker
My Commission Expires
10/6/2027
Notary ID 131748741

Katrina C. Walker
Typed or Printed Name of Notary

MY COMMISSION EXPIRES: 10/6/2027

Application Fee Form

Texas Commission on Environmental Quality
Name of Proposed Regulated Entity: DRIPPING SPRINGS HIGH SCHOOL #2
Regulated Entity Location: 10400 BLOCK, DARDEN HILL RD, DRIFTWOOD, TX 78619
Name of Customer: DRIPPING SPRINGS ISD
Contact Person: JAMES CONKLE Phone: 512-858-3079
Customer Reference Number (if issued):CN 601259435
Regulated Entity Reference Number (if issued):RN _____

Austin Regional Office (3373)

[X] 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
[X] 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 [X] 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	155.74 Acres	$ 10,000
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: David P Smith Date: 6-4-2025

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

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

2. Customer Reference Number *(if issued)*	Follow this link to search for CN or RN numbers in Central Registry**	**3. Regulated Entity Reference Number** *(if issued)*
CN 601259435		**RN**

SECTION II: Customer Information

4. General Customer Information	**5. Effective Date for Customer Information Updates** (mm/dd/yyyy)	06-02-2025

☐ 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)	**10. DUNS Number** *(if applicable)*
	17460030996	74-60030996	

11. Type of Customer:	☐ Corporation	☐ Individual	Partnership: ☐ General ☐ Limited
Government: ☐ City ☐ County ☐ Federal ☐ Local ☐ State ☒ Other		☐ Sole Proprietorship	☐ Other:

12. Number of Employees	**13. Independently Owned and Operated?**
☐ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☒ 501 and higher	☒ **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 Dr.						
	City	Dripping Springs	**State**	TX	**ZIP**	78620	**ZIP + 4**

16. Country Mailing Information *(if outside USA)*	**17. E-Mail Address** *(if applicable)*
	james.conkle@dsisdtx.us

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

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 High School No. 2

23. Street Address of the Regulated Entity: ***(No PO Boxes)***							
	City		**State**		**ZIP**		**ZIP + 4**
24. County							

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

25. Description to Physical Location:	SE OF DARDEN HILL RD AND SAWYER RANCH RD				
26. Nearest City			**State**	**Nearest ZIP Code**	
Dripping Springs			TX	78619	

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:	30.1525		**28. Longitude (W) In Decimal:**	98.0033	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
30	09	09	98	00	12

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.)*

Secondary Education

34. Mailing Address:							
	City		**State**		**ZIP**		**ZIP + 4**
35. E-Mail Address:							

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

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:

SECTION IV: Preparer Information

40. Name:	David P. Smith, P.E.	**41. Title:**	Client Manager

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(512) 382-0021		( ) -	dsmith@walkerpartners.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:	Walker Partners, LLC	**Job Title:**	Client Manager	
Name *(In Print):*	David P. Smith, P.E.		**Phone:**	(512) 382- **21**
Signature:	David P Smith		**Date:**	6/2/2025