WTCPUA 1340 ELEVATED STORAGE TANK #2

TCEQ EAPP CZP APPLICATION

Prepared for:

West Travis County Public Utility Agency
13215 Bee Cave Parkway, Building B, Suite 110
Bee Cave, Texas 78738

12/23/25

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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:						**2. Regulated Entity No.:**			
3. Customer Name: West Travis County Public Utility Agency						**4. Customer No.:** 604021980			
5. Project Type: **(Please circle/check one)**	New		Modification			Extension		Exception	
6. Plan Type: **(Please circle/check one)**	WPAP	CZP	SCS	UST	AST	EXP	EXT	Technical Clarification	Optional Enhanced Measures
7. Land Use: **(Please circle/check one)**	Residential		Non-residential			**8. Site (acres):**			1.26
9. Application Fee:	$4,000.00		**10. Permanent BMP(s):**			1			
11. SCS (Linear Ft.):	N/A		**12. AST/UST (No. Tanks):**			N/A			
13. County:	Hays		**14. Watershed:**			Headwaters Barton 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.)	_1_	___	___
Region (1 req.)	_1_	___	___
County(ies)	_1_	___	___
Groundwater Conservation District(s)	___Edwards Aquifer Authority ___Barton Springs/ Edwards Aquifer _1_Hays Trinity ___Plum Creek	___Barton Springs/ Edwards Aquifer	NA
City(ies) Jurisdiction	___Austin ___Buda _1_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. Cheyenne Stowers, P.E.
Print Name of Customer/Authorized Agent  12/12/25 Signature of Customer/Authorized Agent Date

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

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: Cheyenne Stowers, P.E.

Date: 12/12/25

Signature of Customer/Agent:

Regulated Entity Name: _____

Project Information

1. County: Hays
2. Stream Basin: Headwaters Barton Creek Watershed
3. Groundwater Conservation District (if applicable): Hays Trinity
4. Customer (Applicant):

   Contact Person: Jennifer Riechers
   Entity: West Travis County Public Utility Agency.
   Mailing Address: 13215 Bee Cave Parkway, Bldg B, Suite 110
   City, State: Bee Cave, Texas Zip: 78738
   Telephone: 512-263-0100 Fax: _____
   Email Address: jriechers@wtcpua.org

5. Agent/Representative (If any):

   Contact Person: Cheyenne Stowers
   Entity: Consor North America, LLC
   Mailing Address: 1101 Capital of Texas Hwy. S., D110
   City, State: Austin, Texas Zip: 78746
   Telephone: 512-327-9204 Fax: 512-327-2947
   Email Address: cheyenne.stowers@consoreng.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.

   149 Shelton Ranch Rd, Dripping Springs, TX 78620

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: _____

12. The type of project is:

☐ Residential: # of Lots: _____
☐ Residential: # of Living Unit Equivalents: _____
☐ Commercial
☐ Industrial
☒ Other: Utility - Water Storage Tank

13. Total project area (size of site): 1.26 Acres

Total disturbed area: 0.622 Acres

14. Estimated projected population: 0

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	1,256	÷ 43,560 =	0.03
Parking	4,468	÷ 43,560 =	0.10
Other paved surfaces	0	÷ 43,560 =	0
Total Impervious Cover	5,724	÷ 43,560 =	0.13

Total Impervious Cover 0.13 **÷ Total Acreage** 1.26 **X 100 =** 10.4**% Impervious Cover**

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

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

For Road Projects Only

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

☒ N/A

18. Type of project:

- ☐ TXDOT road project.
- ☐ County road or roads built to county specifications.
- ☐ City thoroughfare or roads to be dedicated to a municipality.
- ☐ Street or road providing access to private driveways.

19. Type of pavement or road surface to be used:

- ☐ Concrete
- ☐ Asphaltic concrete pavement
- ☐ Other: _____

20. Right of Way (R.O.W.):

Length of R.O.W.: _____ feet.
Width of R.O.W.: _____ feet.
L x W = _____Ft^2 ÷ 43,560 Ft^2/Acre = _____ acres.

21. Pavement Area:

Length of pavement area: _____ feet.
Width of pavement area: _____ feet.
L x W = _____Ft^2 ÷ 43,560 Ft^2/Acre = _____ acres.
Pavement area _____ acres ÷ R.O.W. area _____ acres x 100 = _____% impervious cover.

22. ☐ A rest stop will be included in this project.

☐ A rest stop will not be included in this project.

23. ☐ Maintenance and repair of existing roadways that do not require approval from the TCEQ Executive Director. Modifications to existing roadways such as widening roads/adding shoulders totaling more than one-half (1/2) the width of one (1) existing lane require prior approval from the TCEQ.

Stormwater to be generated by the Proposed Project

24. ☒ **Attachment E - Volume and Character of Stormwater**. A detailed description of the volume (quantity) and character (quality) of the stormwater runoff which is expected to occur from the proposed project is attached. The estimates of stormwater runoff quality and quantity are based on area and type of impervious cover. Include the runoff coefficient of the site for both pre-construction and post-construction conditions.

Wastewater to be generated by the Proposed Project

25. ☐ Wastewater is to be discharged in the contributing zone. Requirements under 30 TAC §213.6(c) relating to Wastewater Treatment and Disposal Systems have been satisfied.

☒ N/A

26. Wastewater will be disposed of by:

☐ On-Site Sewage Facility (OSSF/Septic Tank):

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

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

☐ Sewage Collection System (Sewer Lines):

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

☐ Existing.
☐ Proposed.

☒ N/A

Permanent Aboveground Storage Tanks(ASTs) ≥ 500 Gallons

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

☒N/A

27. Tanks and substance stored:

Table 2 - Tanks and Substance Storage

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

Total x 1.5 = _____ Gallons

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

one tank system, the containment structure is sized to capture one and one-half (1 1/2) times the cumulative storage capacity of all systems.

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

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

Table 3 - Secondary Containment

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

Total: _____ Gallons

30. Piping:

☐ All piping, hoses, and dispensers will be located inside the containment structure.
☐ Some of the piping to dispensers or equipment will extend outside the containment structure.
☐ The piping will be aboveground
☐ The piping will be underground

31. ☐ The containment area must be constructed of and in a material impervious to the substance(s) being stored. The proposed containment structure will be constructed of: _____.

32. ☐ **Attachment H - AST Containment Structure Drawings**. A scaled drawing of the containment structure is attached that shows the following:

☐ Interior dimensions (length, width, depth and wall and floor thickness).
☐ Internal drainage to a point convenient for the collection of any spillage.
☐ Tanks clearly labeled
☐ Piping clearly labeled
☐ Dispenser clearly labeled

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

☐ In the event of a spill, any spillage will be removed from the containment structure within 24 hours of the spill and disposed of properly.

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

Site Plan Requirements

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

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

    Site Plan Scale: 1" = 20'.

35. 100-year floodplain boundaries:

    ☐ Some part(s) of the project site is located within the 100-year floodplain. The floodplain is shown and labeled.

    ☒ No part of the project site is located within the 100-year floodplain.

    The 100-year floodplain boundaries are based on the following specific (including date of material) sources(s): Hays County FIRM Panel 48209C0105G, effective 01/17/25.

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

62. ☒ Any modification of this Contributing Zone Plan may require TCEQ review and Executive Director approval prior to construction, and may require submission of a revised application, with appropriate fees.

63. ☒ The site description, controls, maintenance, and inspection requirements for the storm water pollution prevention plan (SWPPP) developed under the EPA NPDES general permits for stormwater discharges have been submitted to fulfill paragraphs 30 TAC §213.24(1-5) of the technical report. All requirements of 30 TAC §213.24(1-5) have been met by the SWPPP document.

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

CZP APPLICATION ATTACHMENTS

ATTACHMENTS A & B: Attachments are at the end of this section.

ATTACHMENT C – PROJECT NARRATIVE

The proposed improvements will include a 12" waterline, fire hydrant, access drive, vegetative filter strips, and a one-million-gallon elevated storage tank. The 1.261 acre tract of land in the Edward W. Brown Survey No. 136 Abstract No. 44 is bound on the east, west, and south by open space. The north side of the tract is situated on the boundary of the Hannah Hill subdivision. Access to the site is to be from Shelton Ranch Road, situated between the Hannah Hill subdivision and the lot. The tract is on FEMA FIRM Panel #48209C0105G, effective 01/17/2025, placing it within the Edwards Aquifer Contributing Zone, the Colorado River Watershed, and Dripping Springs ETJ. The site is less than 5 acres in size but is considered part of a greater plan of development, and is therefore required to submit this Contributing Zone Plan to the TCEQ.

There is a total of 0.13 acres of impervious cover on the proposed site and an estimated area of disturbance of 0.62 acres. All disturbed areas are to be revegetated with native grasses. Detention is not proposed with this site and all water quality requirements will be met with the use of vegetative filter strips. The proposed tank will be 38 feet in diameter and have a footprint of 1,134 square feet. Total impervious cover on the tract will be 10.4 percent and includes the tank, existing portion of Shelton Ranch Road, the proposed access driveway, and splashpad. The overflow splashpad directs flow away from the tank, erosion will be mitigated with the installation of rock riprap at the point of discharge. An underground waterline will be extended to the tank from a transmission main proposed by a separate contract and a proposed fire hydrant will be located next to the proposed access drive.

ATTACHMENT D – FACTORS AFFECTING SURFACE WATER QUALITY

During construction, the potential for sediment runoff during a storm event is the main factor that would affect surface water quality. The temporary controls put in place prior to initiation of construction and maintained throughout the construction period until the site is stabilized will protect any receiving stream from construction sediment.

ATTACHMENT E – VOLUME AND CHARACTER OF STORMWATER

One drainage area conveys the vast majority of stormwater runoff associated with the property. Offsite drainage starts north of Shelton Ranch Road and flows through the site. A diversion ditch will convey flow around the tank improvements. Due to the low proposed impervious cover, there is no increase in flow rates for the 2, 10, 25, and 100-year storm events. Therefore, no detention is necessary for the site.

Stormwater runoff was calculated using the rational method and referencing the City of Austin Drainage Criteria Manual. Intensity coefficients for Hays County were calculated from TxDOT's Rainfall IDF Calculator. There is no increase in flow from the site for the 2, 10, 25, and 100-year storm events. Pre- and post-runoff coefficients for the 0.4 and 0.01 annual exceedance probability (AEP) events provided in the following table:

Runoff Coefficient, C	AEP	
	0.4 (25 yr)	.01 (100 yr)
Pre-Project	0.45	0.52
Post-Project	0.46	0.53

ATTACHMENTS F-I: NOT APPLICABLE

ATTACHMENTS G&H: NOT APPLICABLE

ATTACHMENT J – BMPs FOR UPGRADIENT STORMWATER
Stormwater from upgradient areas will be directed around the disturbance by temporary control such as silt fence and diversion berms.

ATTACHMENT K - BMPs FOR ON-SITE STORMWATER
Stormwater runoff consists of sheet flow to silt fence used as a temporary BMP during construction. Vegetative filter strips will be permanent BMPs for on-site stormwater.

ATTACHMENT L – BMPs FOR SURFACE STREAMS
The temporary controls are essential for protection of the surface streams. Once stabilization occurs, the potential for release of sediment from the site to surface streams is eliminated.

ATTACHMENT M – CONSTRUCTION PLANS
Plans are provided at the end of the application package. The plans contain all calculations, grading, notes, and details for the proposed site civil improvements.

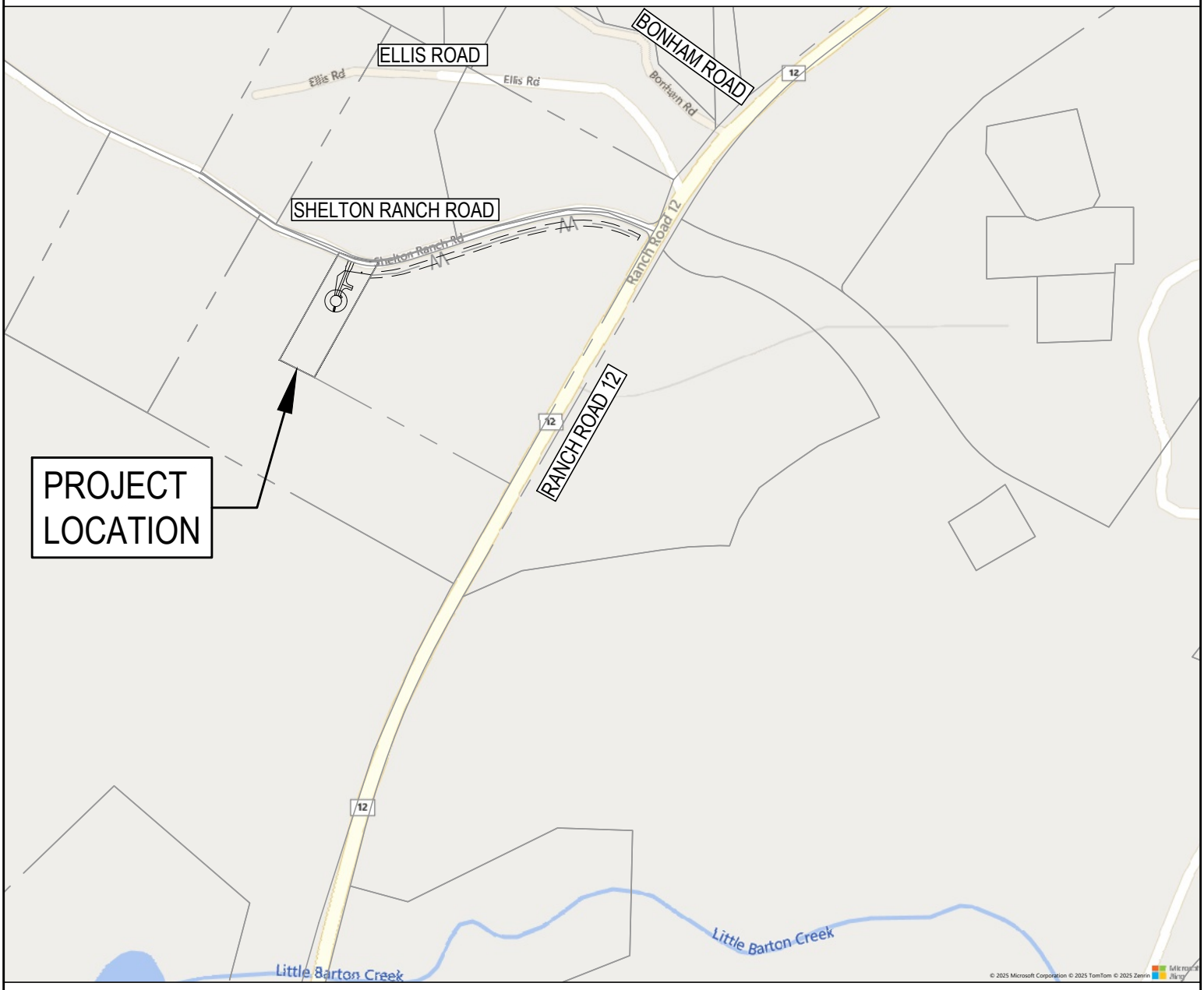
ATTACHMENT N – INSPECTION, MAINTENANCE, REPAIR AND RETROFIT PLAN
The BMP maintenance plan has been included as an attachment.

ATTACHMENT O – NOT APPLICABLE

ATTACHMENT P – MEASURES FOR MINIMIZING SURFACE STREAM CONTAMINATION
See discussion for Attachments K and L.

ATTACHMENT A – ROAD MAP

WEST TRAVIS COUNTY P.U.A.
1340 ELEVATED STORAGE TANK
HAYS COUNTY
PROJECT ADDRESS: 149 SHELTON RANCH RD, DRIPPING SPRINGS, TX 78620



N

0 250 500

SCALE : 1" = 500'

CONSOR Engineers, LLC
Texas Registered Engineering Firm F-2801
1101 Capital of Texas Highway South, Building D, Suite 110, Austin, Texas 78746,
(512) 327-9204

WEST TRAVIS COUNTY P.U.A.
1340 ELEVATED STORAGE TANK
ROADMAP EXHIBIT

DATE:	12/1/2025	JOB NO.	W051242TX.00	TAB:	8.5X11 (P) EXHIBIT
DESIGNED BY:	MRS	DRAWN BY:	MRS	CHECKED BY:	CES

W:\WTCPUA\Facilities\Water\1340 EST #2- Dripping Springs\Site Plan\CAD\Exhibits\1340 EST - ROADMAP.dwg(8.5x11 (P) Exhibit

ATTACHMENT B
USGS QUADRANGLE MAP

U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

The National Map
OnDemand Topo

7.5-MINUTE TOPO QUADRANGLE
TEXAS - CUSTOM EXTENT
7.5-MINUTE TOPO

PROJECT SITE

Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid: UNIVERSAL TRANSVERSE MERCATOR, ZONE 14R
Data is provided by The National Map (TNM), is the best available at the time of map generation, and includes data content from supporting themes of Elevation, Hydrography, Geographic Names, Boundaries, Transportation, Structures, Land Cover, and Orthoimagery. Refer to associated Federal Geographic Data Committee (FGDC) Metadata for additional source data information.

This map is not a legal document. Boundaries may be generalized for this map scale. Private lands within government reservations may not be shown. Obtain permission before entering private lands. Temporal changes may have occurred since these data were collected and some data may no longer represent actual surface conditions.

Learn About The National Map: https://nationalmap.gov

UTM GRID AND 2025 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000 - m Square ID
NU
Grid Zone Designation
14R

SCALE 1:24 000

CONTOUR INTERVAL 5 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
CONTOUR SMOOTHNESS = Medium

QUADRANGLE LOCATION

ADJOINING QUADRANGLES

Hammetts Crossing | Shingle Hills | Henly | Dripping Springs

ROAD CLASSIFICATION
Expressway | Local Connector
Secondary Hwy | Local Road
Ramp | 4WD
Interstate Route | US Route | State Route

7.5-MINUTE TOPO, TX
2025

ATTACHMENT N
BMP MAINTENANCE PLAN

WTCPUA 1340 EST #2

WATER QUALITY BMP MAINTENANCE PLAN

December 2025

PARTY RESPONSIBLE FOR MAINTENANCE

Jennifer Reichers
West Travis County Public Utility Agency
13215 Bee Cave Parkway, Bldg B, Suite 110
Bee Cave, Texas 78738
512-263-0100
jriechers@wtcpua.org

Jennifer Riechers, General Manger
Printed Name & Title

Jennifer Riechers 12/22/25
Signature **Date**

I certify to the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities. This **Maintenance of Permanent BMPs** is hereby submitted for jurisdictional review.

Cheyenne Stowers
Print Name of Customer/Authorized Agent

Cheyenne Stowers 12/23/25
Signature of Customer/Authorized Agent **Date**

MAINTENANCE GUIDELINES

1) Maintenance Requirements - General Design and Construction (Per TCEQ RG-348)

   The design of drainage facilities (including but not limited to headwalls, open channels, storm sewers, area inlets, and detention, retention and stormwater control measures and their appurtenances) shall comply with the requirements of the TCEQ RG-348 Technical Guidance Manual. In addition, SCMs shall comply with the following construction requirements:

   1. Sediment removed during construction of a detention, retention, or water quality facilities may be disposed of on-site if properly stabilized.
   2. During construction of SCMs, temporary erosion and sedimentation controls shall be maintained.

2) Specific BMP Maintenance Requirements - Vegetative Filter Strips (TCEQ RG-348 Section 3.5.8).

   a) *Pest Management*. An Integrated Pest Management (IPM) Plan should be developed for vegetated areas. This plan should specify how problem insects and weeds will be controlled with minimal or no use of insecticides and herbicides.
   b) *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.
   c) *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.
   d) *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.
   e) *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. Corrective maintenance is required if there is evidence of preferential flow paths around or through the VFS (e.g., upstream "lip" is silted in or installed too low).

f) *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.

WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY
1340 ELEVATED STORAGE TANK #2

TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM

STORMWATER POLLUTION PREVENTION PLAN

DECEMBER 2025

Prepared for:
West Travis County Public Utility Agency
12117 Bee Cave Road, Building 3, Suite 120
Bee Cave, Texas 78738

Prepared by:
Consor North America, LLC
1101 Capital of Texas Hwy. South, Bldg. D
Austin, Texas 78746
(512) 327-9204

Texas Registered Engineering Firm F-12040

Operator	NOI Submitted (Mail or STEERS)	TPDES Permit Number
West Travis County Public Utility Agency		

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I. STORMWATER POLLUTION PREVENTION PLAN

A. GENERAL PROJECT AND SITE INFORMATION

1. Project Name: WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY 1340 ELEVATED STORAGE TANK #2

2. Location: The proposed project is the construction of an elevated storage tank on a 1.26 acre site, located at 149 Shelton Ranch Road, Dripping Springs, TX 78620.

3. Primary Facility Operators:

   West Travis County Public Utility Agency
   c/o Jennifer Riechers – WTCPUA General Manager
   13215 Bee Cave Parkway, Building B, Suite 110
   Bee Cave, Texas 78738
   (512) 263 - 0100

   CONTRACTOR (not known at this time)

   Secondary Facility Operators: None known

4. Property Owners: West Travis County Public Utility Agency
   c/o Jennifer Riechers – WTCPUA General Manager
   13215 Bee Cave Parkway, Building B, Suite 110
   Bee Cave, Texas 78738
   (512) 263 - 0100

5. Project Description: The primary purpose of this project is the construction of an additional elevated storage tank on the existing site. The proposed tank will be 38 feet in diameter and have a footprint of 1,134 square feet. Total impervious cover on the site will be 10.4 percent. The existing site is uncleared with a mix of trees and grasses. The property boundary extends into a portion of Shelton Ranch Road, contributing to 0.05 acres of existing impervious cover. Proposed impervious cover will include the tank, access driveway, and splashpad. The overflow splashpad directs flow away from the tank, erosion will be mitigated with the installation of rock riprap at the point of discharge. An underground waterline will be extended to the tank from a transmission main proposed by a separate contract and a proposed fire hydrant will be located next to

the proposed access drive. All disturbed areas will be revegetated in accordance with Hays County requirements.

6. Potential Pollutants and Post Construction Stormwater Quality: Potential pollutants include silt from construction disturbance. No other significant potential pollutants are anticipated on site. Post development stormwater quality will be excellent due to stabilization of disturbed areas and the proposed vegetative filter strips**.**

7. Site Area: The overall site is 1.26 acres with a disturbance of 0.62 acres. The overall topography in the area of construction is a gentle slope across the site with slopes generally in the 0-10% category.

8. Drainage/BMPs: The project lies in the Headwaters Barton Creek watershed. Extensive use of erosion controls will be utilized throughout the site. Essential to controlling fugitive sediment is minimizing the area of disturbance at any one time. Construction will be sequenced to achieve this goal. Proposed drainage patterns, construction sequencing, and temporary erosion controls can be found in the WTCPUA 1340 Elevated Storage Tank #2 Site Plan.

9. Existing Soils: Two soil types occur on the property based upon data obtained from the NRCS web soil survey site. Represented Series include:
   - Brackett-Rock Outcrop-Complex, 1 to 8 percent slopes,
   - Doss Silty Clay, 1 to 5 percent slopes

   The majority, approximately 96 percent being Brackett.

10. Location of Receiving Waters: This project drains off the property in a southeast direction and discharges into an unnamed tributary offsite.

11. Offsite Operations: Excess or unsuitable material disposal will be the responsibility of the CONTRACTOR. The CONTRACTOR shall be independently responsible as an

OPERATOR for obtaining necessary permits in conjunction with the lawful offsite disposal of spoil material or acquisition of borrow material.

12. Sequence of Construction:

- 48 hours prior to beginning any work, call Texas Excavation System at 1-800-344-8377 for utility locations.
- install temporary erosion controls and tree/natural area protection fencing prior to pre- construction meeting.
- notify Hays County, owner, and engineer for a pre-construction meeting at least 3 days prior to the meeting date.
- rough grade the access drives
- begin installation of underground utilities and tank. Restore as much disturbed area as possible.
- regrade to subgrade.
- ensure all underground utility crossings are completed. lay first course base for all access drives
- lay final base course on all streets.
- lay asphalt.
- complete permanent erosion controls and restoration of site vegetation
- remove and dispose of temporary erosion controls.
- complete any necessary final dress up.

B. POLLUTION PREVENTION CONTROLS

The goal of these controls is to retain sediment on site to the extent practicable. All control measures must be properly selected, installed and maintained in accordance with the manufacturers' specifications and good engineering practices.

The Site Plan depicts controls and any adjacent waterways. The contractor staging areas and spoils sites will be located within the disturbed areas upstream of silt fence. The area to be disturbed will be limited to the minimum necessary to complete the improvements.

1. Stabilization Controls:

   Stabilization controls are detailed on the construction plans.

2. Best Management Practices (Structural):

a. Temporary Best Management Practices:

A stabilized construction entrance will be placed as shown on the Site Plan and silt fences will be constructed at the downstream edge of disturbed areas. The CONTRACTOR will install the erosion/sedimentation controls prior to the start of any construction and will be responsible for maintaining the erosion control measures during construction. If at some point during the project, an Operator/CONTRACTOR(S) contract is complete, then all responsibilities will return first to any remaining Operator/ CONTRACTORS and then to the Owner/Operator if there are no remaining Operator/CONTRACTORS. Refer to the Site Plan for the locations of such controls.

b. Permanent Best Management Practices:

The permanent best management practices for this site consist of permanent stabilization of disturbed areas.

3. Other Controls:

- Waste Disposal: All construction-related waste materials will be collected and stored at a temporary material or spoil disposal site. No solid materials, including building materials, shall be discharged into receiving waters.
- Sanitary Waste: Portable units will be placed on site during construction and waste will be collected and disposed of in accordance with state and local regulations.
- Off-site Vehicle Tracking: A stabilized construction entrance will be provided at the entry location to the site. This entrance will be maintained, and any sediment deposited onto adjacent streets will be removed. Vehicles leaving the site will be washed, as required.
- Dust Control: The Contractor is required to control dust on the project site through mulching or spraying water on the disturbed soils that are generating dust as necessary to control the problem.
- Dewatering: If standing water needs to be pumped or channeled on the project site, the Contractor is required to direct the water to existing temporary erosion controls or to install appropriate controls as necessary.

- Litter, construction debris, and chemicals: Contractors will be required to maintain as clean a work site as appropriate. Litter and debris will be picked up on a scheduled basis and the generation of dust shall be minimized. All placement of emulsions, asphalt, etc. are to be placed only during suitable weather conditions. Periods of rainfall are not suitable for the placement of such materials.
- Flushing Hyper-chlorinated Water Lines – The contractor must use a chlorine diffuser to de-chlorinate water flushed from water lines and aquatic life must not be expected to be adversely affected by such water discharged.

4. Timing of Controls and Measures: Erosion and sediment structural control measures will be in place prior to clearing, grading or construction of any portion of the site. Construction phasing may occur, but in all instances erosion and sedimentation control measures will be in place in those areas prior to start of construction. Disturbed areas will be restored as described under Stabilization Practices and/or Permanent Erosion Control. Temporary erosion and sediment controls will be removed only after all disturbed areas have been restored.

5. Non-Storm Water Discharges: The following non-storm water discharges may occur from the site during the construction period. All non-storm water discharges will be directed to the Best Management Practices.

   - Uncontaminated fire hydrant flushings (excludes discharges of hyper-chlorinated water, unless water the water is first de-chlorinated and discharges are not expected to adversely affect aquatic life), which include flushings from systems that utilize potable water, surface water, or groundwater that does not contain additional pollutants (uncontaminated fire hydrant flushings do not include systems utilizing reclaimed wastewater as a source water),
   - Water from the routine external washing of vehicles, the external portion of buildings or structures, and pavement, where detergents and soaps are not used and where spills or leaks of toxic or hazardous materials have not occurred (unless spilled materials have been removed; and if local state, or federal regulations are applicable, the

materials are removed according to those regulations), and where the purpose is to remove mud, dirt, or dust;

- Uncontaminated water used to control dust;
- Potable water sources including waterline flushings (excluding discharges of hyper-chlorinated water, unless the water is first de-chlorinated and discharges are not expected to adversely affect aquatic life);
- Uncontaminated air conditioning condensate;
- Uncontaminated ground water or spring water, including foundation or footing drains where flows are not contaminated with industrial materials such as solvents; and
- Irrigation drainage.
- Concrete Truck Wash Out – Authorization is limited to land disposal of wash out water from concrete trucks that are associated with off-site production facilities if the following conditions are met by the CONTRACTOR: Notify inspector of location of wash out area and jointly select required BMPS. Wash out area is shown on the Site Plan. Direct discharge to surface water, including storm sewers is prohibited. Wash water shall be discharged to areas of the construction site where structural controls have been established to prevent discharge to surface waters or to areas with minimal slope that allow infiltration and filtering. Wash out of trucks during rainfall events shall be minimized. The wash water shall not cause or contribute to groundwater contamination.

C. INSPECTION, MAINTENANCE AND RECORD KEEPING

1. Inspection Practices:

   If the Owner/Operator does not designate or provide an agent to perform the required inspections and prepare and distribute the inspection reports, the CONTRACTOR(S) are each responsible for this task. If at some point during the project, an Operator/ CONTRACTOR(S) contract is complete, then all responsibilities will return first to any remaining Operator / CONTRACTORS and then to the Owner/Operator if there are no remaining Operator/ CONTRACTORS.

The inspector agent(s) that perform the inspections should be knowledgeable of this general permit, familiar with the construction site, and knowledgeable of the SWPPP for the site. See *Appendix D, Inspector Qualifications / Inspector Authorization.*

- The controls should be in good repair and functioning so that sediment and other potential pollutants remain on-site. Areas to be inspected include disturbed areas of the construction site that have not been finally stabilized, areas used for storage or materials that are exposed to precipitation, discharge locations, structural controls and locations where vehicles enter and exit the site. Sediment basins/traps shall be inspected for sediment buildup and when it reaches one-foot, basins shall be cleaned.
- Owner/Operator or the CONTRACTORS (the entity who is providing the inspector) must choose one of the following inspection schedules to remain in compliance with the permit **(Inspection Schedule 'B' has been chosen**):

  (a) Inspections must be conducted at least once every fourteen (14) calendar days and within 24 hours of the end of a storm event of ½ inches or greater. Please note that the 14-calendar day schedule does not restart when a storm event inspection is required.

  (b) Inspections must occur at least once every 7-calendar days regardless of when the last rainfall occurred, prior to predicted rainfall events, and within 24-hours of a storm event of ½ inches or greater.
- In the event of flooding or other uncontrollable situations that prohibit site access, inspections must be conducted as soon as practicable. Where sites have been finally or temporarily stabilized, where runoff is unlikely due to winter conditions inspections must be conducted once per month and during seasonal arid periods in arid and semi-arid areas, inspections must be conducted once every month and within 24 hours of the end of a storm event of ½ inches or greater.
- The designated inspector must prepare a written report for each inspection in accordance with the permit rules. Inspection reports must be distributed to all Primary and Secondary Operators. Sample inspection and maintenance forms are included in Appendix A.
- If the designated inspector or Operator determines that field conditions indicate that modifications to the plan are required, then such changes must be documented and indicated on a copy of the Site Plan that is kept at the designated location. A description

of the need for modified controls shall be outlined on the appropriate inspection and maintenance report form. Necessary modifications to the plan and controls shall be completed within seven days following inspection.

2. Maintenance/Repairs:
   - Repairs will be made to damaged areas as soon as practicable, preferably before the next anticipated storm event, after damage is discovered but no later than seven days after the inspection. If completion of the repairs before the next anticipated storm event is impracticable, the reason shall be documented in the SWPPP and maintenance scheduled ASAP. If controls have been intentionally disabled, run-over, removed or otherwise rendered ineffective, repairs must ensue immediately upon discovery. Records of repairs shall be recorded as part of the inspections on appropriate forms.
   - The CONTRACTOR(S)/Operator will be responsible for ensuring maintenance of the erosion and sedimentation controls as described under Section B Part 2(a). If sediment escapes the construction site, off-site accumulations of sediment must be removed at a frequency sufficient to minimize offsite impacts.
   - Built-up sediment will be removed once it has reached a maximum depth of six inches at silt fences and rock berms.

3. Record Keeping:

   Records of all components of the SWPPP including inspection, maintenance and plan modification forms, information used to complete the NOI form, and records of submittal of forms submitted to the MS4 or Secondary Operator, if any, should be retained for three (3) years after the date of final stabilization by all Primary and Secondary Operators. The CONTRACTOR(S) should keep the SWPPP and records of the construction activity on the site if possible or in the location posted on their Site Notice. The following dates should be recorded in the inspections reports in particular:
   - The dates when major grading activities occur in a particular area.
   - The dates when construction activities cease in an area, temporarily or permanently.
   - The dates when an area is stabilized, temporarily or permanently.

D. ON-SITE MATERIALS AND SPILL CONTROL

1. Material Inventory: The materials or substances listed below may be present onsite during construction:
   - Concrete and concrete products
   - Metal reinforcing materials – rebar, welded wire fabric
   - Wood
   - Paint
   - Petroleum based products
   - Plastic (PVC, HDPE) and metal pipe and fittings
   - Rock, gravel, sand, and soil.

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

   a. Good Housekeeping: The following good housekeeping practices will be followed onsite during the construction project:
      - An effort will be made to store only enough product required to do the job.
      - All materials stored onsite will be stored in a neat, orderly manner in their appropriate containers.
      - Materials will be stored in the temporary materials stockpile area as shown on the Site Plan, or an area as may be approved by the Owner and Engineer and appropriately shown on the map.
      - Products will be kept in their original containers with the original manufacturers' labels.
      - Whenever possible, all of a product will be used before disposing of the container.
      - Manufacturers' recommendations for proper use and disposal will be followed.

- The Contractor will inspect daily to ensure proper use and disposal of materials onsite.

b. Hazardous Products: These practices are used to reduce the risks associated with hazardous materials (if applicable):
   - Products will be kept in original containers unless they are not re-sealable.
   - Original labels and material safety data will be retained, as they contain important product information.
   - If surplus product must be disposed of, manufacturers' or local and state recommended methods for proper disposal will be followed.

c. The following product specific practices will be followed onsite:
   - Petroleum Products: All onsite vehicles will be monitored for leaks and receive regular preventive maintenance to reduce the chance of leakage. Petroleum products will be stored in tightly sealed containers that are clearly labeled. Any asphaltic substances used onsite will be applied according to the manufacturers' recommendations.
   - Fertilizers: Fertilizers will be applied only in the minimum amounts recommended by the manufacturer or as otherwise indicated on the plans. Once applied, fertilizer will be worked into the soil to limit exposure to storm water. The contents of any partially used bags of fertilizer will be stored in a manner so as to avoid spills.
   - Paints: All containers will be tightly sealed and stored when not required for use. Excess paint will not be discharged to the storm sewer system, but will be properly disposed of according to manufacturers' instructions or state and local regulations.

3. Spill Control Practices: In addition to the good housekeeping and material management practices discussed in the previous sections of this plan, the following practices will be followed for spill prevention and cleanup:

- Site personnel will be made aware of the manufacturers' recommended methods for spill cleanup and the location of the information and cleanup supplies.
- Materials and equipment necessary for spill cleanup will be kept onsite in an accessible location known to site personnel.
- All spills will be immediately contained. The spilled substance and contaminated soil will then be removed and disposed of properly using approved emergency response methods.

4. Releases of Reportable Quantities (RQ): EPA has issued regulations that define what reportable quantity levels are for oil and hazardous substances. These regulations can be found at 40 CFR Part 110. 40 CFR 117, or 40 CFR Part 302. The TCEQ has issued similar regulations under 30 TAC Chapter 327. If there is an RQ release during the construction period, then the following steps must be taken:

- For quantities less than the reportable quantity* – The contractor will contain and isolate the spilled substance. The remaining spilled substance and contaminated soil will be removed and disposed of properly.

- For quantities more than the reportable quantity* – The contractor will contain and isolate the spilled substance in accordance with 30 TAC Chapter 327. The contractor will then contact the appropriate spill response team and the TCEQ Austin Regional Office (512) 339-2929 or the State Emergency Response Center at 1 (800) 832-8224 and the National Response Center immediately at (800) 424-8802. The remaining spilled substance and contaminated soil will be removed and disposed of in an appropriate manner using approved emergency response methods. The proper authorities shall be kept informed during the cleanup process. Within 14 days, modify the SWPPP with a written description of the release providing the date and circumstances of the release and the steps to be taken to prevent another release.

  * Reportable quantity (RQ) is defined in 30 TAC Chapter 327. The RQ for petroleum products, oil, and industrial solid waste are shown below. For hazardous substances see 30 TAC Chapter 327.4 and 40 CFR Chapter 302.4.

  The RQ for *oil, petroleum product and used oil* is as follows:

(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 or used oil shall be:
   (A) except as noted under (B) below, 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.

The RQ for spills or discharges into water in the state for *industrial solid waste or other substances* shall be 100 pounds.

E. STATE AND LOCAL REQUIREMENTS

The storm water pollution prevention plan complies with the requirements of the Texas Commission on Environmental Quality and Travis County.

F. ADDITIONAL GENERAL PERMIT REQUIREMENTS

1. All requirements of the general construction permit attached under *Appendix C* shall be followed.
2. The permittee must post the NOI form and Construction Site Notice near the main entrance of the construction site.
3. A copy of the SWPPP must remain at the designated location on the NOI form unless impracticable.
4. If the storm water discharge from this project enters a Municipal Separate Storm Sewer System (MS4), the MS4 must be notified of the project. The discharge does enter an MS4. . (Date Mailed - TBD)
5. If relevant information provided in the NOI changes, a NOC (Notice of Change) must be submitted at least 14 days before the change occurs, if possible and must be provided to the MS4 as well.
6. Upon final stabilization or change in operator status, a NOT (Notice of Termination) form must be submitted to the TCEQ and the MS4. (A copy of the NOT is located at the end of the General Permit under *Appendix C* to this report.) If the termination is due to a transfer of operational control, the original Operator must notify, or attempt

to notify, the new Operator of the requirement to obtain permit coverage. Record of this notification or attempt at notification must be retained in the SWPPP records.

7. Edwards Aquifer: If the operator is required to gain approval from the TCEQ for a Water Pollution Abatement Plan or Contributing Zone Plan, a copy of that plan must be readily available upon request. The NOI form or Site Notice must be submitted to the appropriate TCEQ field office.

G. POLLUTION PREVENTION PLAN CERTIFICATION

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

Property Owner/Facility Operator:

By: Jennifer Riechers General Manager 12/8/25
(Name) Title Date

Printed Name: Jennifer Riechers
Company: West Travis County Public Utility Agency
Address: 13215 Bee Cave Parkway, Bld B, Suite 110
Bee Cave, Texas 78738

H. SUB-CONTRACTORS' CERTIFICATION

(Have all Contractors that disturbs soil at the project site who did not submit an NOI or post a Site Notice sign this form)

I certify under penalty of law that I understand the terms and conditions of the general Texas Pollutant Discharge Elimination System (TPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

Sub-Contractors:

By:_____ _____
(Name) Title Date

Printed Name:_____

Company:_____

Address:_____

_____

By:_____ _____
(Name) Title Date

Printed Name:_____

Company:_____

Address:_____

_____

H. SUB-CONTRACTORS' CERTIFICATION (Cont.)

I certify under penalty of law that I understand the terms and conditions of the general Texas Pollutant Discharge Elimination System (TPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

Sub-Contractors:

By:_____ _____
(Name) Title Date

Printed Name:_____

Company:_____

Address:_____

_____

By:_____ _____
(Name) Title Date

Printed Name:_____

Company:_____

Address:_____

_____

By:_____ _____
(Name) Title Date

Printed Name:_____

Company:_____

Address:_____

II. APPENDIX A

CONSTRUCTION INSPECTION FORMS

STORMWATER INSPECTION REPORT
Site-specific BMPs

- *Describe corrective actions initiated, date completed, and note the person that completed the work in the Corrective Action Log.*

General Information		
Project Name		
TPDES Tracking No.		**Location:**
Date of Inspection		
Inspector's Name(s)		
Inspector's Title(s)		
Inspector's Contact Information		
Inspector's Qualifications		
Describe present phase of construction		
Type of Inspection: ☐ Weekly ☐ Final Inspection		
Weather Information		
Has there been a storm event since the last inspection? ☐Yes ☐No **If yes, provide:** Approximate Amount of Precipitation (in):		
Weather at time of this inspection? ☐ Clear ☐Cloudy ☐ Rain ☐ Sleet ☐ Fog ☐ Snowing ☐ High Winds ☐Other:		
Are there any discharges at the time of inspection? ☐Yes ☒No **If yes, describe:**		

	BMP	BMP Installed?	BMP Maintenance Required?	Corrective Action Needed and Notes
1	Stabilized Construction Entrance	☐Yes ☐No ☐ N/A	☐Yes ☒No	Access is from adjacent construction site.
2	Staging Area	☐Yes ☐No ☐ N/A	☐Yes ☐No	
3	Silt Fence	☐Yes ☐No ☐ N/A	☐Yes ☐No	
4	Inlet Protection	☐Yes ☐No ☐ N/A	☐Yes ☐No	
5	Rock Berm	☐Yes ☐No ☐ N/A	☐Yes ☐No	
6	Outfalls	☐Yes ☐No ☐ N/A	☐Yes ☐No	Site sheet flows to the south.

Overall Site Issues

	BMP/activity	Implemented?	Maintenance Required?	Corrective Action Needed and Notes
1	Are all slopes and disturbed areas not actively being worked properly stabilized?	☐Yes ☐No ☐N/A	☐Yes ☐No	
2	Are natural resource areas (e.g., streams, wetlands, mature trees, etc.) protected with barriers or similar BMPs?	☐Yes ☐No ☐N/A	☐Yes ☐No	
3	Are perimeter controls and sediment barriers adequately installed (keyed into substrate) and maintained?	☐Yes ☐No ☐N/A	☐Yes ☐No	
4	Are discharge points and receiving waters free of any sediment deposits?	☐Yes ☐No ☐N/A	☐Yes ☐No	
5	Are storm drain inlets properly protected?	☐Yes ☐No ☐N/A	☐Yes ☐No	
6	Is the construction exit preventing sediment from being tracked into the street?	☐Yes ☐No ☐N/A	☐Yes ☐No	
7	Is trash/litter from work areas collected and placed in appropriate containers?	☐Yes ☐No ☐ N/A	☐Yes ☐No	
10	Are materials that are potential storm water contaminants stored inside or under cover?	☐Yes ☐No ☐N/A	☐Yes ☐No	
11	Are non-storm water discharges (e.g., wash water, dewatering) properly controlled?	☐Yes ☐No ☐N/A	☐Yes ☐No	
12	(Other)	☐Yes ☐No ☐N/A	☐Yes ☐No	

II. APPENDIX B

CERTIFIED NOTICES OF INTENT

TCEQ Office Use Only
Permit No:
CN:
RN:

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

IMPORTANT INFORMATION

Please read and use the General Information and Instructions prior to filling out each question in the NOI form.

Use the NOI Checklist to ensure all required information is completed correctly. **Incomplete applications delay approval or result in automatic denial.**

Once processed your permit authorization can be viewed by entering the following link into your internet browser: http://www2.tceq.texas.gov/wq_dpa/index.cfm or you can contact TCEQ Stormwater Processing Center at 512-239-3700.

ePERMITS

Effective September 1, 2018, this paper form must be submitted to TCEQ with a completed electronic reporting waiver form (TCEQ-20754).

To submit an NOI electronically, enter the following web address into your internet browser and follow the instructions: https://www3.tceq.texas.gov/steers/index.cfm

APPLICATION FEE AND PAYMENT

The application fee for submitting a paper NOI is $325. The application fee for electronic submittal of a NOI through the TCEQ ePermits system (STEERS) is $225.

Payment of the application fee can be submitted by mail or through the TCEQ ePay system. The payment and the NOI must be mailed to separate addresses. To access the TCEQ ePay system enter the following web address into your internet browser: http://www.tceq.texas.gov/epay.

Provide your payment information for verification of payment:

- If payment was mailed to TCEQ, provide the following:
  - Check/Money Order Number: Click here to enter text
  - Name printed on Check: Click here to enter text
- If payment was made via ePay, provide the following:
  - Voucher Number: Click here to enter text
  - A copy of the payment voucher is attached to this paper NOI form.

RENEWAL (This portion of the NOI is not applicable after June 3, 2018)

Is this NOI for a renewal of an existing authorization? ☐ Yes ☒ No

If Yes, provide the authorization number here: TXR15 Click here to enter text.

NOTE: If an authorization number is not provided, a new number will be assigned.

SECTION 1. OPERATOR (APPLICANT)

a) If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? CN 604021980

(Refer to Section 1.a) of the Instructions)

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

West Travis County Public Utility Agency

c) What is the contact information for the Operator (Responsible Authority)?

Prefix (Mr. Ms. Miss): Ms.

First and Last Name: Jennifer Riechers Suffix: Click here to enter text.

Title: WTCPUA General Manager Credentials: Click here to enter text.

Phone Number: (512) 263-0100 Fax Number: Click here to enter text.

E-mail: jriechers@wtcpua.org

Mailing Address: 13215 Bee Cave Parkway, Bldg B, Suite 110

City, State, and Zip Code: Bee Cave, Texas 78738

Mailing Information if outside USA:

Territory: Click here to enter text.

Country Code: Click here to enter text. Postal Code: Click here to enter text.

d) Indicate the type of customer:

☐ Individual	☐ Federal Government
☐ Limited Partnership	☐ County Government
☐ General Partnership	☐ State Government
☐ Trust	☐ City Government
☐ Sole Proprietorship (D.B.A.)	☒ Other Government
☐ Corporation	☐ Other: Click here to enter text.
☐ Estate	

e) Is the applicant an independent operator? ☐ Yes ☒ No

(If a governmental entity, a subsidiary, or part of a larger corporation, check No.)

f) Number of Employees. Select the range applicable to your company.

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

g) Customer Business Tax and Filing Numbers: (**Required** for Corporations and Limited Partnerships. **Not Required** for Individuals, Government, or Sole Proprietors.)

State Franchise Tax ID Number: 32067018369

Federal Tax ID: Click here to enter text.

Texas Secretary of State Charter (filing) Number: Click here to enter text.

DUNS Number (if known): N/A

SECTION 2. APPLICATION CONTACT

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

☐ Yes, go to Section 3

☒ No, complete this section

Prefix (Mr. Ms. Miss): Click here to enter text.

First and Last Name: Cheyenne Stowers Suffix: Click here to enter text.

Title: Project Engineer Credential: Click here to enter text.

Organization Name: Consor North America, LLC

Phone Number: 512-327-9204 Fax Number: Click here to enter text.

E-mail: Cheyenne.stowers@consoreng.com

Mailing Address: 1101 Capital of Texas Hwy S Bldg D

Internal Routing (Mail Code, Etc.): Click here to enter text.

City, State, and Zip Code: Austin, Tx 78746

Mailing information if outside USA:

Territory: Click here to enter text.

Country Code: Click here to enter text. Postal Code: Click here to enter text.

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

a) If this is an existing permitted site, what is the Regulated Entity Number (RN) issued to this site? RN

(Refer to Section 3.a) of the Instructions)

b) Name of project or site (the name known by the community where it's located): WTCPUA 1340 Elevated Storage Tank #2

c) In your own words, briefly describe the type of construction occurring at the regulated site (residential, industrial, commercial, or other): Elevated storage tank construction.

d) County or Counties (if located in more than one): Hays

e) Latitude: 30.225993 Longitude: -98.082329

f) Site Address/Location

If the site has a physical address such as 12100 Park 35 Circle, Austin, TX 78753, complete *Section A*.

If the site does not have a physical address, provide a location description in *Section B*. Example: located on the north side of FM 123, 2 miles west of the intersection of FM 123 and Highway 1.

Section A:

Street Number and Name: 149 Shelton Ranch Rd

City, State, and Zip Code: Dripping Springs, TX 78620

Section B:

Location Description: Click here to enter text

City (or city nearest to) where the site is located:

Zip Code where the site is located:

SECTION 4. GENERAL CHARACTERISTICS

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

☐ Yes, do not submit this form. You must obtain authorization through EPA Region 6.

☒ No

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

☐ Yes. Note: The construction stormwater runoff may be under jurisdiction of the Railroad Commission of Texas and may need to obtain authorization through EPA Region 6.

☒ No

c) What is the Primary Standard Industrial Classification (SIC) Code that best describes the construction activity being conducted at the site? **4941**

d) What is the Secondary SIC Code(s), if applicable? Click here to enter text

e) What is the total number of acres to be disturbed? 0.622

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

☒ Yes

☐ No. The total number of acres disturbed, provided in e) above, must be 5 or more. If the total number of acres disturbed is less than 5, do not submit this form. See the requirements in the general permit for small construction sites.

g) What is the estimated start date of the project? April 1, 2026

h) What is the estimated end date of the project? April 1, 2027

i) Will concrete truck washout be performed at the site? ☒ Yes ☐ No

j) What is the name of the first water body(ies) to receive the stormwater runoff or potential runoff from the site? Unnamed tributary

k) What is the segment number(s) of the classified water body(ies) that the discharge will eventually reach? 1403

l) Is the discharge into a Municipal Separate Storm Sewer System (MS4)?

☐ Yes ☒ No

If Yes, provide the name of the MS4 operator: Click here to enter text

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

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

☒ Yes, complete the certification below.

☐ No, go to Section 5

I certify that the copy of the TCEQ-approved Plan required by the Edwards Aquifer Rule (30 TAC Chapter 213) that is included or referenced in the Stormwater Pollution Prevention Plan will be implemented. ☒ Yes

SECTION 5. NOI CERTIFICATION

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

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

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

d) I certify that a Stormwater Pollution Prevention Plan has been developed, will be implemented prior to construction and to the best of my knowledge and belief is compliant with any applicable local sediment and erosion control plans, as required in the Construction General Permit (TXR150000). ☒ Yes

Note: For multiple operators who prepare a shared SWP3, the confirmation of an operator may be limited to its obligations under the SWP3, provided all obligations are confirmed by at least one operator.

SECTION 6. APPLICANT CERTIFICATION SIGNATURE

Operator Signatory Name: Jennifer Riechers

Operator Signatory Title: General Manager

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

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

Signature (use blue ink): Jennifer Riechers Date: 12/8/25

OWNER/OPERATOR

FACSIMILE TRANSMITTAL SHEET

TO:	FROM:
COMPANY: HAYS COUNTY	DATE:
PHONE NUMBER: FAX NUMBER:	E-MAIL:
TOTAL NO. OF PAGES INCLUDING COVER:	RE: MS4 OPERATOR NOTIFICATION

☐ AS YOU REQUESTED ☒ FOR YOUR USE ☐ PLEASE COMMENT ☐ PLEASE REPLY

This letter is to notify you that the project described on the attached TPDES form is located within your MS4 system as required by the General Construction Permit (TXR150000 effective March 5, 2018). Approval of an Edwards Aquifer Contributing Zone Plan has been requested for this project. Please call if you have any questions or need additional information.

OWNER/OPERATOR

FACSIMILE TRANSMITTAL SHEET

TO:	FROM:
COMPANY: CITY OF DRIPPING SPRINGS	DATE:
PHONE NUMBER: FAX NUMBER:	E-MAIL:
TOTAL NO. OF PAGES INCLUDING COVER:	RE: MS4 OPERATOR NOTIFICATION

☐ AS YOU REQUESTED ☒ FOR YOUR USE ☐ PLEASE COMMENT ☐ PLEASE REPLY

This letter is to notify you that the project described on the attached TPDES form is located within your MS4 system as required by the General Construction Permit (TXR150000 effective March 5, 2018). Approval of an Edwards Aquifer Contributing Zone Plan has been requested for this project. Please call if you have any questions or need additional information.

OWNER/OPERATOR

FACSIMILE TRANSMITTAL SHEET

TO:	FROM:
COMPANY: TCEQ FIELD OFFICE	DATE:
PHONE NUMBER: 512-339-2929 FAX NUMBER:	E-MAIL:
TOTAL NO. OF PAGES INCLUDING COVER: __	RE: TPDES CONSTRUCTION GENERAL PERMIT

☐ AS YOU REQUESTED ☒ FOR YOUR USE ☐ PLEASE COMMENT ☐ PLEASE REPLY

This letter is to notify you that an NOI form has been submitted to the TCEQ and a Large Construction Site Notice is being posted at the project site described on the attached TPDES form as required by the General Construction Permit (TXR150000 effective March 5, 2018). Approval of an Edwards Aquifer Contributing Zone plan has been requested for this project. Please call if you have any questions or need additional information.

II. APPENDIX C

TPDES General Permit for Storm Water Discharges from Construction Activities

II. APPENDIX D

Inspector Qualifications/Authorization

INSPECTOR QUALIFICATIONS
FOR THE
TPDES CONSTRUCTION GENERAL PERMIT

(INSPECTOR TO BE DETERMINED)

INSPECTOR AUTHORIZATION

I, _____, certify that qualified inspectors employed or contracted by _____, are designated as authorized representatives that can perform the site inspections for our projects and execute inspection forms as required by the TPDES Construction General Permit TXR1500000. I understand that my company, as the project Operator, is responsible for maintaining and repairing erosion controls as noted on the inspection reports and that failure to do so could possibly result in enforcement action from the Texas Commission on Environmental Quality or the Environmental Protection Agency.

_____ _____

Signature Date

_____ _____

Printed Name Title

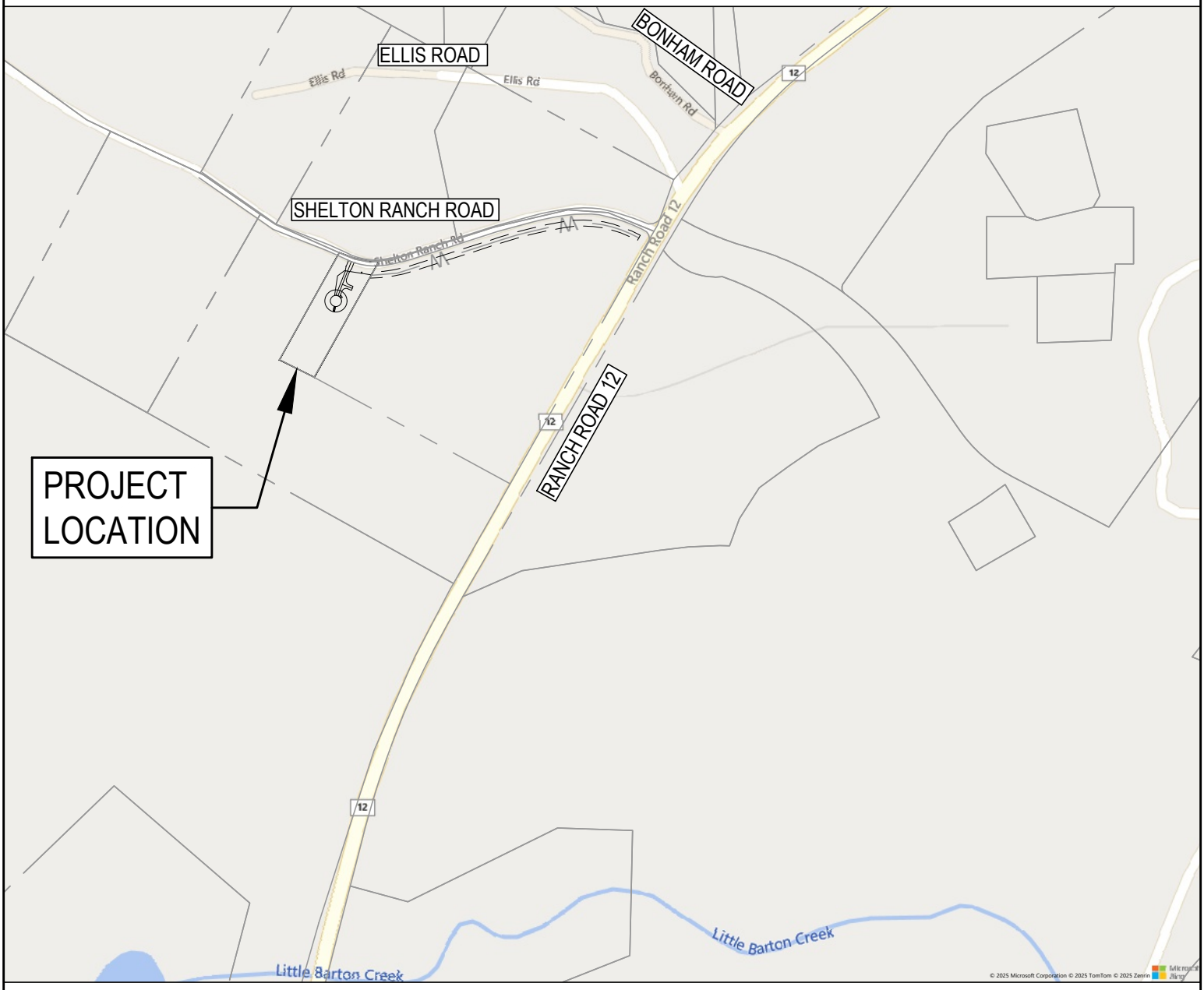
II. APPENDIX E

TCEQ CONTRIBUTING ZONE PLAN APPROVAL LETTER

III. EXHIBIT A

PROJECT LOCATION/ROAD MAP

WEST TRAVIS COUNTY P.U.A.
1340 ELEVATED STORAGE TANK
HAYS COUNTY
PROJECT ADDRESS: 149 SHELTON RANCH RD, DRIPPING SPRINGS, TX 78620



N

0 250 500

SCALE : 1" = 500'

CONSOR Engineers, LLC
Texas Registered Engineering Firm F-2801
1101 Capital of Texas Highway South, Building D, Suite 110, Austin, Texas 78746,
(512) 327-9204

WEST TRAVIS COUNTY P.U.A.
1340 ELEVATED STORAGE TANK
ROADMAP EXHIBIT

DATE:	12/1/2025	JOB NO.	W051242TX.00	TAB:	8.5X11 (P) EXHIBIT
DESIGNED BY:	MRS	DRAWN BY:	MRS	CHECKED BY:	CES

W:\WTCPUA\Facilities\Water\1340 EST #2- Dripping Springs\Site Plan\CAD\Exhibits\1340 EST - ROADMAP.dwg(8.5x11 (P) Exhibit

III. EXHIBIT B

DRAINAGE AREA MAP

PROJECT: 1340 EST
CALCULATION OF IMPERVIOUS COVER

Condition	Drainage Area	Onsite					Offsite					Total Area (SF)	Total Area (AC)	Total IC (SF)	Total IC (AC)	Total IC (%)
		Area (SF)	Area (AC)	IC (SF)	IC (AC)	IC (%)	Area (SF)	Area (AC)	IC (SF)	IC (AC)	IC (%)					
Existing	A-1	54921	1.26	2068	0.05	3.8%	106307	2.44	8790	0.20	8.3%	161228	3.70	10858	0.25	6.7%
Proposed	A-1	54921	1.26	5724	0.13	10.4%	106307	2.44	8790	0.20	8.3%	161228	3.70	14514	0.33	9.0%

TIME OF CONCENTRATION - EXISTING & PROPOSED

Drng Area	Elev1	Elev2	L (ft)	S (ft/ft)	Flow Type	n	Vel (fps)	t(c)
A-1	1235.00	1231.25	100	0.038	Sheet	0.20	-	8.5
	1231.25	1194.00	770	0.048	SCF-U	-	3.5	3.6
							Total (min):	12.2

TXDOT INTENSITY COEFFICIENTS

	2-yr	10-yr	25-yr	100-yr
a	64.60	92.05	112.69	152.13
b	12.99	13.17	13.97	16.11
c	0.81	0.79	0.79	0.78

INTENSITY CALCULATIONS - EXISTING & PROPOSED

DA	ToC	2-yr	10-yr	25-yr	100-yr
A-1	12.2	4.67	7.06	8.64	11.25

RUNOFF COEFFICIENT CALCULATIONS

Condition	Drainage Area	Area (SF)	Area (AC)	Impervious Acres	% Impervious Cover	Pervious Acres	2-YR	10-YR	25-YR	100-YR
Existing	A-1	161,228	3.70	10,858	0.25	3.45	0.36	0.41	0.45	0.52
Proposed	A-1	161,228	3.70	14,514	0.33	3.37	0.37	0.42	0.46	0.53

CALCULATION OF STORMWATER RUNOFF

Condition	Drainage Area	Area (AC)	ToC	C(2)	I(2)	Q(2)	C(10)	I(10)	Q(10)	C(25)	I(25)	Q(25)	C(100)	I(100)	Q(100)
Existing	A-1	3.7	12.2	0.4	4.7	6	0.4	7.1	11	0.5	8.6	15	0.5	11.2	22
Proposed	A-1	3.7	12.2	0.4	4.7	6	0.4	7.1	11	0.5	8.6	15	0.5	11.2	22

Texas Commission on Environmental Quality

TSS Removal Calculations 04-20-2009

Project Name: 1340 EST
Date Prepared: 10/8/2025

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 * =	1.26	acres
Predevelopment impervious area within the limits of the plan * =	0.05	acres
Total post-development impervious area within the limits of the plan* =	0.13	acres
Total post-development impervious cover fraction * =	0.10	
P =	33	inches
$L_{M\ TOTAL\ PROJECT}$ =	72	lbs.

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

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

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

Drainage Basin/Outfall Area No. = A-1

Total drainage basin/outfall area =	3.70	acres
Predevelopment impervious area within drainage basin/outfall area =	0.25	acres
Post-development impervious area within drainage basin/outfall area =	0.33	acres
Post-development impervious fraction within drainage basin/outfall area =	0.09	
$L_{M\ THIS\ BASIN}$ =	72	lbs.

3. Indicate the proposed BMP Code for this basin.

Proposed BMP = Vegetated Filter Strips
Removal efficiency = 85 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: $L_R = (\text{BMP efficiency}) \times P \times (A_T \times 34.6 + A_P \times 0.54)$

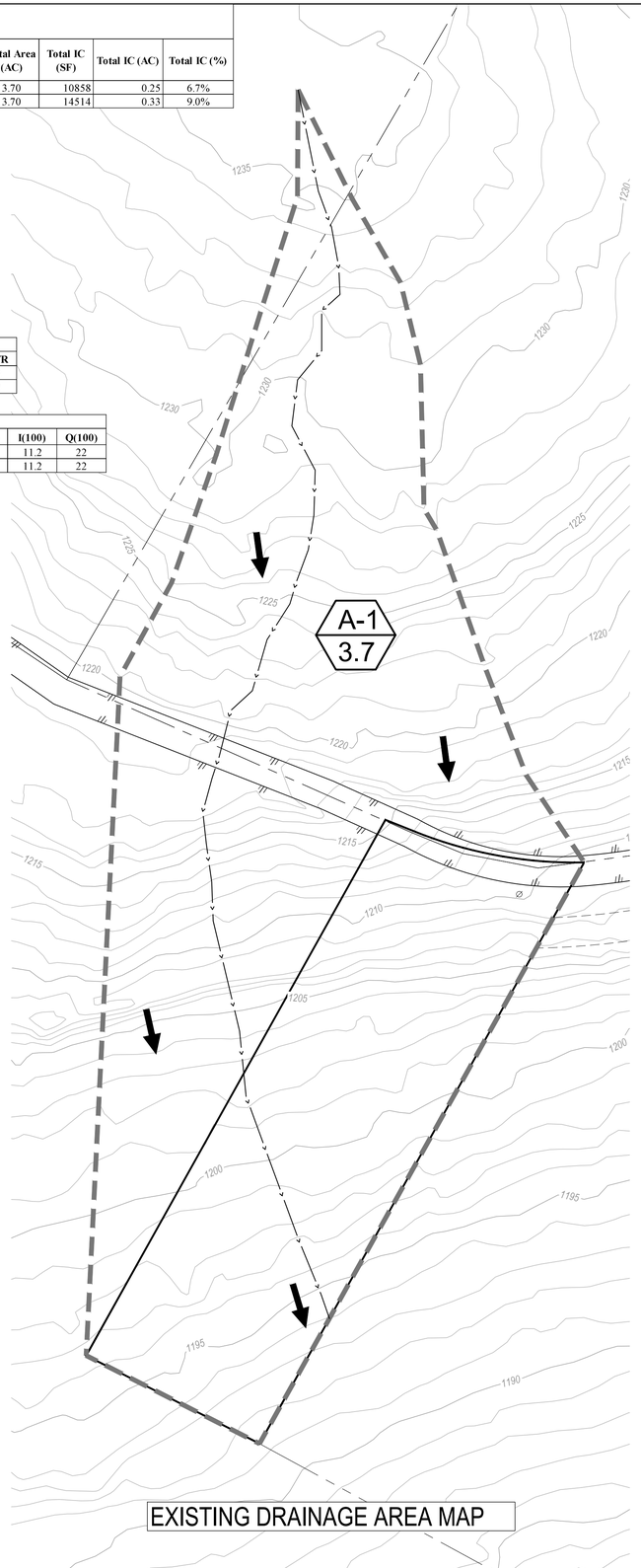
where:
A_C = Total On-Site drainage area in the BMP catchment area
A_T = Impervious area proposed in the BMP catchment area
A_P = Pervious area remaining in the BMP catchment area
L_R = TSS Load removed from this catchment area by the proposed BMP

A_C =	1.26	acres
A_T =	0.13	acres
A_P =	1.13	acres
L_R =	143	lbs

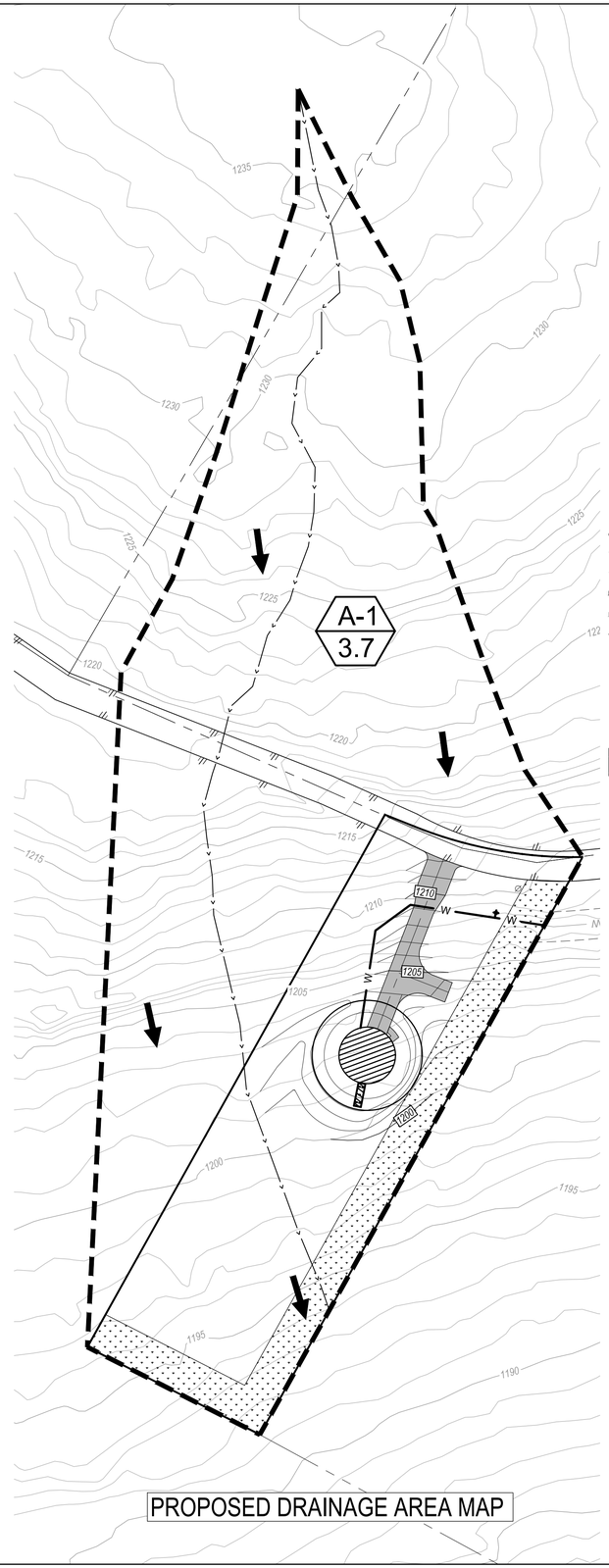
5. Calculate Fraction of Annual Runoff to Treat the drainage basin / outfall area

Desired $L_{M\ THIS\ BASIN}$ =	135	lbs.
F =	0.94	

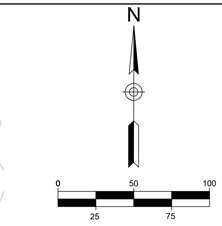
REQUIRED LOAD REMOVAL (LM) = 72 LBS
PROVIDED LOAD REMOVAL (LR) - 135 LBS



EXISTING DRAINAGE AREA MAP



PROPOSED DRAINAGE AREA MAP



LEGEND

- PROPERTY BOUNDARY
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED DRAINAGE BOUNDARY
- EXISTING DRAINAGE BOUNDARY
- TIME OF CONCENTRATION
- DRAINAGE AREA W/ ACREAGE (A-1 / XX)
- FLOW ARROW
- VEGETATIVE FILTER STRIP

NOTE:

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN APPROVING THESE PLANS. THE CITY OF DRIPPING SPRINGS AND HAYS COUNTY MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

NO.	DESCRIPTION	BY	DATE	APPROVED	APPDATE

WEST TRAVIS COUNTY P.U.A.
1340 ELEVATED STORAGE TANK
DRIPPING SPRINGS, HAYS COUNTY

EXISTING AND PROPOSED DRAINAGE PLAN

STATE OF TEXAS
CHEYENNE E. STOWERS
144255
REGISTERED
PROFESSIONAL ENGINEER
12/23/25

Sub Consultant:

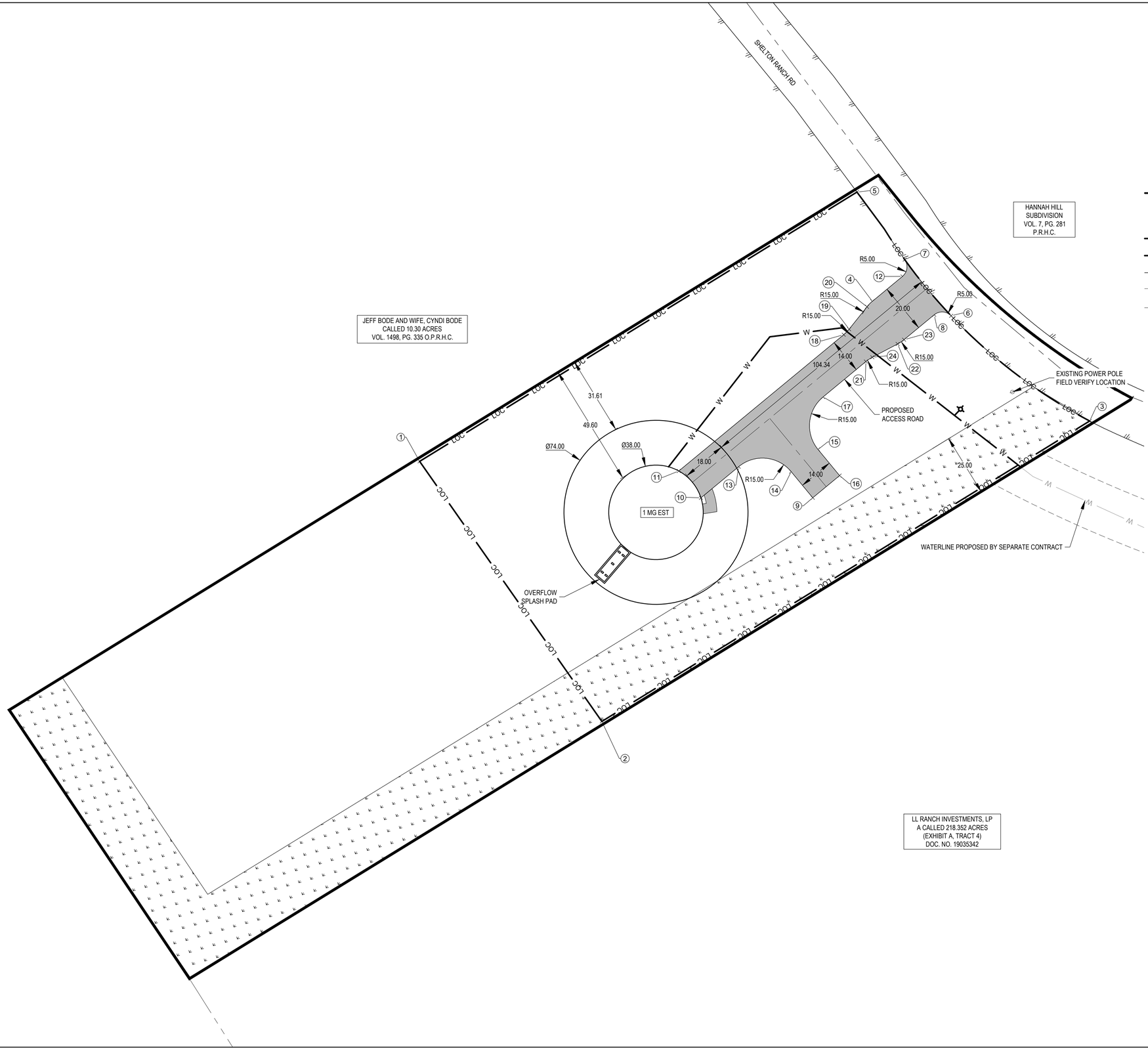
Consultant: consor

DESIGNED BY:	CES
DRAWN BY:	MRS
CHECKED BY:	JKB
APPROVED BY:	CES
DATE:	4/21/2025
FILE NO.	1340 - EST - DRAINAGE.dwg LAYOUT: EXISTING AND PROPOSED DRAINAGE PLAN
JOB NO.	
SHEET NO.	7 OF 8

PLOT DATE: 2025-12-1
FILE PATH: W:\WTCPUA\Facilities\Water\1340 EST #2- Dripping Springs\Site Plan\CAD\1340 - EST - DRAINAGE.dwg / LAYOUT: EXISTING AND PROPOSED DRAINAGE PLAN

III. EXHIBIT C

TCEQ-TPDES SITE PLAN



0 10 20 30 40

SCALE: 1"=20'

LEGEND

- PROPERTY BOUNDARY
- PROPOSED ACCESS ROAD
- LOC LOC — PROPOSED LIMITS OF CONSTRUCTION
- W W — PROPOSED WATER LINE
- EXISTING ROAD
- EASEMENT
- EXISTING LOT LINE
- EXISTING POWER POLE
- PROPOSED FIRE HYDRANT
- VEGETATIVE FILTER STRIP

NOTE:
1. KNOX PADLOCK TO BE INSTALLED ON ENTRY GATE.

NORTHING AND EASTING TABLE

POINT #	NORTHING	EASTING
1	13994596.1382	2258221.8718
2	13994540.6193	2258336.8590
3	13994741.7852	2258449.1578
4	13994741.1467	2258349.4133
5	13994776.4574	2258322.5540
6	13994751.5224	2258379.9010
7	13994762.1416	2258352.5724
8	13994748.5604	2258373.7509
9	13994660.5171	2258367.0155
10	13994638.5545	2258327.7866
11	13994643.6252	2258314.7372
12	13994755.8042	2258355.1089
13	13994656.8981	2258334.9146
14	13994665.4468	2258354.3290
15	13994678.4962	2258359.3997
16	13994673.5665	2258372.0862
17	13994697.9107	2258350.8511
18	13994723.8232	2258345.9003
19	13994726.8079	2258346.7176
20	13994738.1620	2258348.5960
21	13994718.7525	2258358.9498
22	13994731.1494	2258366.6430
23	13994733.9028	2258368.0554
24	13994721.5060	2258360.3622

WTCPUA 1340 - SITE IMPERVIOUS COVER

	EXISTING		PROPOSED	
	SQFT	AC	SQFT	AC
SITE AREA	54921	1.26	54921	1.26
IMPERVIOUS STRUCTURES	0.0	0.00	1256	0.03
IMPERVIOUS PAVING	2068	0.05	4468	0.10
TOTAL IMPERVIOUS	2068	0.05	5724	0.13
TOTAL IMPERVIOUS PERCENT	3.8%		10.4%	

NOTE:

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN APPROVING THESE PLANS. THE CITY OF DRIPPING SPRINGS AND HAYS COUNTY MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

NO.	DESCRIPTION	BY	DATE	APPROVED	APP.DATE

WEST TRAVIS COUNTY P.U.A.
1340 ELEVATED STORAGE TANK
DRIPPING SPRINGS, HAYS COUNTY

SITE DIMENSION CONTROL PLAN

STATE OF TEXAS
CHEYENNE E. STOWERS
144255
REGISTERED
PROFESSIONAL ENGINEER
12/23/25

Sub Consultant:

Consultant: consor

DESIGNED BY: CES
DRAWN BY: MRS
CHECKED BY: JKB
APPROVED BY: CES
DATE: 12/1/2025

FILE NO.
1340 - EST - SITE DIMENSION.dwg
LAYOUT: SITE DIMENSION CONTROL PLAN

JOB NO.

SHEET NO.
4 OF 8

PLOT DATE: 2025-12-1
FILE PATH: W:\WTCPUA\Facilities\Water\1340 EST #2- Dripping Springs\Site Plan\CAD\1340 - EST - SITE DIMENSION.dwg / LAYOUT: SITE DIMENSION CONTROL PLAN

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

I Jennifer Riechers,
Print Name

WTCPUA General Manager,
Title - Owner/President/Other

of West Travis County Public Utility Agency,
Corporation/Partnership/Entity Name

have authorized Cheyenne Stowers, P.E.
Print Name of Agent/Engineer

of Consor North America, 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:

Jennifer Riechers — 12/8/25

Applicant's Signature — Date

THE STATE OF Texas §

County of Travis §

BEFORE ME, the undersigned authority, on this day personally appeared Jennifer Riechers 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 8 day of December.

Conchetta Impastato

NOTARY PUBLIC

CONCHETTA A. IMPASTATO
Notary Public, State of Texas
Comm. Expires 04-06-2026
Notary ID 133691316

Notary # 133691316

Conchetta Impastato

Typed or Printed Name of Notary

MY COMMISSION EXPIRES: 04/06/2026

Application Fee Form

Texas Commission on Environmental Quality
Name of Proposed Regulated Entity: WTCPUA 1340 EST
Regulated Entity Location: 149 Shelton Ranch Rd, Dripping Springs, TX 78620
Name of Customer: West Travis County Public Utility Agency
Contact Person: Jennifer Riechers Phone: 512-263-0100
Customer Reference Number (if issued):CN 604021980
Regulated Entity Reference Number (if issued):RN _____

Austin Regional Office (3373)

☒ Hays ☐ Travis ☐ Williamson

San Antonio Regional Office (3362)

☐ Bexar ☐ Medina ☐ Uvalde
☐ Comal ☐ Kinney

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

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

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

Site Location (Check All That Apply):

☐ Recharge Zone ☒ Contributing Zone ☐ Transition Zone

Type of Plan	***Size***	***Fee Due***
Water Pollution Abatement Plan, Contributing Zone Plan: One Single Family Residential Dwelling	Acres	$
Water Pollution Abatement Plan, Contributing Zone Plan: Multiple Single Family Residential and Parks	Acres	$
Water Pollution Abatement Plan, Contributing Zone Plan: Non-residential	1.26 Acres	$ 4,000
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: Jennifer Riechers Date: 12/8/25

Application Fee Schedule

Texas Commission on Environmental Quality
Edwards Aquifer Protection Program 30 TAC Chapter 213 (effective 05/01/2008)

Water Pollution Abatement Plans and Modifications

Contributing Zone Plans and Modifications

Project	*Project Area in Acres*	*Fee*
One Single Family Residential Dwelling	< 5	$650
Multiple Single Family Residential and Parks	< 5 5 < 10 10 < 40 40 < 100 100 < 500 ≥ 500	$1,500 $3,000 $4,000 $6,500 $8,000 $10,000
Non-residential (Commercial, industrial, institutional, multi-family residential, schools, and other sites where regulated activities will occur)	< 1 1 < 5 5 < 10 10 < 40 40 < 100 ≥ 100	$3,000 $4,000 $5,000 $6,500 $8,000 $10,000

Organized Sewage Collection Systems and Modifications

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

Underground and Aboveground Storage Tank System Facility Plans and Modifications

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

Exception Requests

Project	*Fee*
Exception Request	$500

Extension of Time Requests

Project	*Fee*
Extension of Time Request	$150

TCEQ Use Only

TCEQ Core Data Form

For detailed instructions regarding completion of 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 604021980		RN

SECTION II: Customer Information

4. General Customer Information | **5. Effective Date for Customer Information Updates** (mm/dd/yyyy)

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

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

The 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:*

West Travis County Public Utility Agency

7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number *(if applicable)*
	32067018369		

11. Type of Customer: ☐ Corporation ☐ Individual Partnership: ☐ General ☐ Limited

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

12. Number of Employees
☐ 0-20 ☐ 21-100 ☒ 101-250 ☐ 251-500 ☐ 501 and higher

13. Independently Owned and Operated?
☐ **Yes** ☒ **No**

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

☐ Owner ☐ Operator ☒ Owner & Operator

☐ Occupational Licensee ☐ Responsible Party ☐ Voluntary Cleanup Applicant ☐ Other:

15. Mailing Address:

13215 Bee Cave Parkway, Bldg B, Suite 110

City	State	ZIP	ZIP + 4
Bee Cave	TX	78738	

16. Country Mailing Information *(if outside USA)*	17. E-Mail Address *(if applicable)*

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*
(512) 263-0100		( ) -

SECTION III: Regulated Entity Information

21. General Regulated Entity Information *(If 'New Regulated Entity" is selected below this form should be accompanied by a permit application)*

☒ 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 Agency 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.)*

WTCPUA 1340 Elevated Storage Tank #2

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

Enter Physical Location Description if no street address is provided.

25. Description to Physical Location:	

26. Nearest City	State	Nearest ZIP Code

27. Latitude (N) In Decimal:			28. Longitude (W) In Decimal:		
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds

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)
4941			

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

Utility - water storage

34. Mailing Address:	West Travis County Public Utility Agency						
	13215 Bee Cave Parkway, Bldg B, Suite 110						
	City	Bee Cave	State	TX	ZIP	78738	ZIP + 4	

35. E-Mail Address:	jriechers@wtcpua.org

36. Telephone Number	37. Extension or Code	38. Fax Number *(if applicable)*
(512) 263-100		( ) -

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	☐ Waste Water	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:

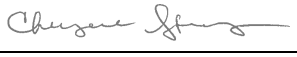
SECTION IV: Preparer Information

40. Name:	Cheyenne Stowers	41. Title:	Project Engineer

42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(512) 327-9204		( ) -	cheyenne.stowers@consoreng.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:	Consor North America, LLC	Job Title:	Project Engineer
Name*(In Print)* :	Cheyenne Stowers	Phone:	(512) 327-9204
Signature:		Date:	12/12/25

WEST TRAVIS COUNTY P.U.A.
1340 ELEVATED STORAGE TANK #2

HAYS COUNTY
PROJECT ADDRESS: 149 SHELTON RANCH RD, DRIPPING SPRINGS, TX 78620

NOTES:

1. THIS SITE IS NOT LOCATED WITHIN THE EDWARDS AQUIFER RECHARGE ZONE.
2. 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.
3. THIS PROJECT IS LOCATED IN THE CITY OF DRIPPING SPRINGS E.T.J..
4. THIS PROJECT IS LOCATED IN THE BARTON CREEK HEADWATERS WATERSHED.
5. THIS PROJECT IS LOCATED IN THE EDWARDS AQUIFER CONTRIBUTING ZONE.
6. NO PORTION OF THIS SITE LIES WITHIN THE 100-YEAR FLOODPLAIN BASED ON FLOOD INSURANCE RATE MAP, PANELS #48209C0105G HAYS COUNTY, TEXAS AND INCORPORATED AREAS, EFFECTIVE DATE(S) JANUARY 17, 2025.
7. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CONTACT 811 ONE-CALL FOR UTILITY LOCATIONS.
8. WATER SERVICE WILL BE PROVIDED BY WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY.
9. ELECTRICAL SERVICE WILL BE PROVIDED BY PEDERNALES ELECTRICAL COOPERATIVE, INC.

SUBMITTED FOR APPROVAL BY:
CONSOR NORTH AMERICA, INC.

REGISTERED PROFESSIONAL ENGINEER — DATE 12/23/25

CITY ADMINISTRATOR, CITY OF DRIPPING SPRINGS — DATE

CITY ENGINEER, CITY OF DRIPPING SPRINGS — DATE

HAYS COUNTY FIRE MARSHALL — DATE

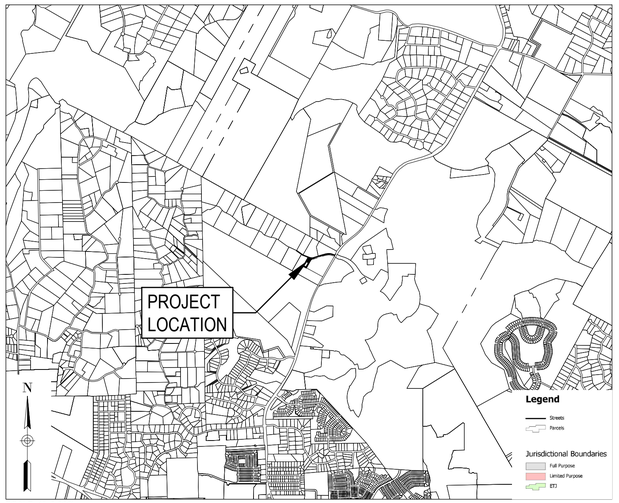
WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY — DATE

HAYS COUNTY TRANSPORTATION DEPARTMENT — DATE

CITY OF DRIPPING SPRINGS PERMIT # _____

HAYS COUNTY CLASS A PERMIT # _____

STATE OF TEXAS
CHEYENNE E. STOWERS
144255
REGISTERED PROFESSIONAL ENGINEER
12/23/25



SCALE: 1"=3,000'

Sheet List Table

Sheet Number	Sheet Title
1	COVER
2	GENERAL NOTES 1
3	EXISTING CONDITIONS
4	SITE DIMENSION CONTROL PLAN
5	EROSION AND SEDIMENTATION CONTROL PLAN
6	GRADING PLAN
7	EXISTING AND PROPOSED DRAINAGE PLAN
8	STANDARD DETAILS

OWNER
WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY
13215 BEE CAVES PARKWAY
BUILDING B, SUITE 110
BEE CAVE, TEXAS 78738
PH: (512) 263-0100

ENGINEER
CONSOR NORTH AMERICA INC.
CHEYENNE STOWERS, P.E.
TEXAS REGISTERED ENGINEERING FIRM - 12040
1101 CAPITAL OF TEXAS HIGHWAY SOUTH,
BUILDING D, SUITE 110, AUSTIN, TEXAS 78746
PH # (512) 327-9204
FAX # (512) 306-9620

CONSTRUCTION AREA
0.622 ACRES (LIMITS OF CONSTRUCTION)
0.622 ACRES (AREA OF DISTURBANCE)
0.084 ACRES (NEW IMPERVIOUS COVER)
484 L.F. OF SILT FENCE

LEGAL DESCRIPTION
1.261 ACRE TRACT OF LAND IN THE EDWARD W. BROWN SURVEY NO. 136, ABSTRACT NO. 44, SITUATED IN HAYS COUNTY, TEXAS, RECORDED IN DOCUMENT NO. 19035342 O.P.R.T.C.T.

NOTE:

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN APPROVING THESE PLANS. THE CITY OF DRIPPING SPRINGS AND HAYS COUNTY MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

NO.	DESCRIPTION	BY	DATE	APPROVED	DATE

SUBMITTAL DATE: JUNE 2025

consor

PLOT DATE: 2025-12-1
FILE PATH: W:\WTCPUA\Facilities\Water\1340 EST #2- Dripping Springs\Site Plan\CAD\1340 - EST - COVER.dwg

HAYS COUNTY NOTES:

TO ALL CONTRACTORS: GENERAL CONSTRUCTION NOTES FOR PLANS THESE PLANS ARE NOT TO BE CONSIDERED FINAL FOR CONSTRUCTION UNTIL APPROVED BY HAYS COUNTY. CHANGES MAY BE REQUIRED PRIOR TO APPROVAL.

1. SEVENTY-TWO (72) HOURS PRIOR TO THE BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL ARRANGE A PRE-CONSTRUCTION CONFERENCE WITH ALL PERTINENT PARTIES.
2. ALL ROADWAY AND DRAINAGE IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HAYS COUNTY SPECIFICATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS FROM HAYS COUNTY ROAD AND BRIDGE DEPARTMENT PRIOR TO BEGINNING ANY ON-SITE CONSTRUCTION.
   CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING THE NECESSARY INSPECTIONS FROM THE HAYS COUNTY ROAD AND BRIDGE DEPARTMENT. ALL REPAIRS TO IMPROVEMENTS CAUSED BY CONTRACTOR'S FAILURE TO INSTALL IMPROVEMENTS IN ACCORDANCE WITH HAYS COUNTY SPECIFICATIONS AND THESE CONSTRUCTION PLANS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
   HAYS COUNTY ROAD AND BRIDGE DEPARTMENT'S ACCEPTANCE OF THE IMPROVEMENTS ARE CONTINGENT ON REPAIRS BEING MADE TO HAYS COUNTY'S SATISFACTION. DELAYS CAUSED BY REPAIRS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
3. CONTRACTOR SHALL ENSURE THAT VEHICLES LEAVING THE CONSTRUCTION SITE ONTO PUBLICLY MAINTAINED ROADWAYS ARE CLEAR OF MUD AND DEBRIS.
4. NO EXPLOSIVES SHALL BE USED FOR THIS PROJECT WITHOUT TCEQ APPROVAL.
5. ALL HOLES, TRENCHES AND OTHER HAZARDOUS AREAS SHALL BE ADEQUATELY PROTECTED BY BARRICADES, FENCING, LIGHTS AND/OR OTHER PROTECTIVE DEVICES AT ALL TIMES.
6. CONTRACTOR SHALL COMPLY WITH CONSTRUCTION SEQUENCING WHICH MAY BE SPECIFIED SOMEWHERE IN THE CONSTRUCTION PLANS.
7. PERMIT IS REQUIRED FOR CONSTRUCTION IN 'RIGHT OF WAY' :ORDINANCE 7.10. NO DRIVEWAY, UTILITY CONSTRUCTION, MAILBOXES, LANDSCAPING OR ANY OTHER ENCROACHMENT INTO RIGHT-OF-WAY OR EASEMENT SHALL BE ALLOWED WITHOUT FIRST OBTAINING A PERMIT FROM THE HAYS COUNTY ROAD AND BRIDGE DEPARTMENT.
8. PRIOR TO THE INSTALLATION OF ANY ROAD BUILDING MATERIAL THE SUBGRADE SHALL BE INSPECTED BY HAYS COUNTY. PRIOR TO PAVING, BASE MATERIAL SHALL BE INSPECTED BY HAYS COUNTY. THE OWNER OR HIS AGENT SHALL NOTIFY THE HAYS COUNTY ROAD DIRECTOR TWENTY-FOUR (24) HOURS PRIOR TO THE TIME WHEN THE INSPECTION IS NEEDED :ORDINANCE 1.05; 2.06.

HAYS COUNTY ROAD DEPARTMENT

P.O. BOX 906
San Marcos, TX 78667

512/393-7385
512/738-2555
FAX: 512/393-7393

TO ALL CONTRACTORS: GENERAL CONSTRUCTION NOTES FOR PLANS

THESE PLANS ARE NOT TO BE CONSIDERED FINAL FOR CONSTRUCTION UNTIL APPROVED BY HAYS COUNTY. CHANGES MAY BE REQUIRED PRIOR TO APPROVAL.

1. **Seventy-Two (72) hours prior to the beginning of construction, the developer shall arrange a pre-construction conference with all pertinent parties.**
2. **All roadway and drainage improvements shall be designed and constructed in accordance with Hays County specifications. Contractor shall be responsible for obtaining any necessary permits from Hays County Road and Bridge Department prior to beginning any on-site construction. Contractor shall be responsible for scheduling the necessary inspections from the Hays County Road and Bridge Department. All repairs to improvements caused by contractor's failure to install improvements in accordance with Hays County specifications and these construction plans shall be the responsibility of the contractor. Hays County Transportation Department's acceptance of the improvements are contingent on repairs being made to Hays County's satisfaction. Delays caused by repairs are the responsibility of the contractor.**
3. A minimum of two (2) Benchmarks shall be shown on the construction plans.
4. All bedding materials used within the ROW shall comply with COA Item 510.
5. All concrete placed within the ROW shall be a minimum of Class A. The use of rebar chairs and tests cylinders will be required on PCC valley gutter placements.
6. The proposed fully developed stormwater runoff rate cannot exceed existing conditions runoff rate.
7. Dewatering operations must use SWPPP-specified methods only. If such methods are only general or not applicable, pump from the top of the pool (rather than the bottom) and discharge to a vegetated, upland area (away from waterbodies or drainages) or use another type of filtration prior to discharge. Refer to the EPA 2017 General Construction Permit, Section 2.4, as applicable.
8. The contractor shall supply qualified personnel to perform SWPPP inspections on project ≥ 1 acre. Qualified personnel shall have CISEC, CESSWI, or equivalent certification approved by the MS4.
9. Contractor shall ensure that mud and debris tracked onto publicly maintained roadways from vehicles leaving the construction site will be cleaned up daily.
10. No **EXPLOSIVES** shall be used for this project without **TCEQ** approval.
11. All holes, trenches and other hazardous areas shall be adequately protected by barricades, fencing, lights and/or other protective devices in compliance with COA 509S and OSHA regulations at all times.
12. The contractor shall submit a Trench Safety Plan prepared and sealed by an engineer licensed by the State of Texas prior to the start of the project. The contractor shall assign a competent person that has been properly trained and is qualified to make inspections and supervise the installation, maintenance, and removal of the trench safety or excavation safety system.
13. Hays County is not responsible for sidewalk maintenance. A fully executed license agreement must be in-place prior to construction of sidewalks within Hays County ROW.
14. Contractor shall comply with construction sequencing which may be specified somewhere in the construction plans.
15. Permit is required for construction in 'Right of Way': Ordinance 7.10. No driveway, utility construction, mailboxes, landscaping or any other encroachment into right-of-way or easement shall be allowed without first obtaining a permit from the Hays County Road and Bridge Department.
16. Prior to the installation of any road building material the subgrade shall be inspected by Hays County. Prior to paving, base material shall be inspected by Hays County. The owner or his agent shall notify Hays County forty-eight (48) hours prior to the time when the inspection is needed :Ordinance 1.05; 2.06.
17. All outfalls constructed within Hays County must be submitted to Hays County with GPS coordinates at the end of each project. Coordinates will be submitted on the NAD 1983 State Plane South Central FIPS 4204 Feet Coordinate System. All coordinates will be submitted in grid units. The required file type for coordinate data submissions is *txt format.
18. At the time a final inspection and release of performance security is requested; the design engineer shall provide a complete set of "As-Built" Record drawings in PDF format (300dpi) on a virus free disk and shall certify that all road and drainage construction has been completed in substantial accordance with previously approved plans and specifications, except as noted.
   No performance security will be released without these exhibits.

WTCPUA WATER & WASTEWATER GENERAL CONSTRUCTION NOTES

1. ALL CONSTRUCTION OPERATIONS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH APPLICABLE STATE STATUTES AND U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REGULATIONS (0.S.H.A.). COPIES OF O.S.H.A. STANDARDS MAY BE PURCHASED FROM THE U.S. GOVERNMENT PRINTING OFFICE. INFORMATION AND RELATED REFERENCE MATERIALS MAY BE OBTAINED FROM O.S.H.A. AUSTIN AREA OFFICE - LA COSTA GREEN BLDG 1033, LA POSADA DR, SUITE 375, AUSTIN, TEXAS 78752-3832, 512-374-0271.
2. THE ATTENTION OF THE CONTRACTOR IS DIRECTED TO THE CITY OF AUSTIN STANDARD SPECIFICATIONS AND TO THE STATE LAW, (VERNON'S ANNOTATED TEXAS STATUTES, ARTICLE 1436 ©) AND THE NEED FOR EFFECTIVE PRECAUTIONARY MEASURES WHEN OPERATING IN THE VICINITY OF ELECTRICAL LINES. THE CONTRACTOR IS RESPONSIBLE FOR ALL SAFETY REQUIREMENTS, AND FOR COORDINATION OF ALL WORK WITH THE APPROPRIATE ELECTRIC UTILITY COMPANY.
3. THE CONTRACTOR SHALL CONTACT THE ONE-CALL BOARD OF TEXAS AT 811 OR 1-800-545-6005 FOR EXISTING UTILITY LOCATIONS PRIOR TO ANY EXCAVATION. THE LOCATION AND TYPE OF UTILITIES AND UNDERGROUND FACILITIES SHOWN ON THESE PLANS ARE NOT GUARANTEED TO BE ACCURATE OR ALL-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 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.
6. NO BLASTING OR BURNING WILL BE ALLOWED.
7. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR, AT HIS EXPENSE, ALL UTILITIES, PAVEMENT, CURB, FENCES OR ANY OTHER ITEMS DAMAGED DURING CONSTRUCTION REGARDLESS OF WHETHER THESE ITEMS ARE SHOWN ON THE CONSTRUCTION PLANS.
8. WHENEVER EXISTING UTILITIES, INDICATED OR NOT ON PLANS, PRESENT OBSTRUCTIONS TO GRADE AND/OR ALIGNMENT OF PROPOSED PIPE, CONTRACTOR IS TO IMMEDIATELY NOTIFY THE ENGINEER WHO WILL DETERMINE IF EXISTING IMPROVEMENTS ARE TO BE RELOCATED OR IF THE GRADE AND/OR ALIGNMENT OF PROPOSED PIPE IS TO BE CHANGED.
9. DUST PREVENTION SHALL BE PROVIDED BY THE CONTRACTOR AT HIS OWN EXPENSE. DUST CONTROL SHALL INCLUDE SPRAYING OF WATER ON ALL DISTURBED AREAS, SPOIL PILES, OR HAUL MATERIALS ASSOCIATED WITH THE PROJECT OR OTHER METHODS APPROVED BY THE WTCPUA.
10. CLEANUP - UPON COMPLETION AND BEFORE MAKING APPLICATION FOR ACCEPTANCE OF THE WORK, THE CONTRACTOR SHALL CLEAN ALL STREETS AND ALL GROUND OCCUPIED BY HIM IN CONNECTION WITH THE WORK OF ALL RUBBISH, EXCESS MATERIALS, EXCESS EXCAVATED MATERIALS, TEMPORARY STRUCTURES AND EQUIPMENT. ALL PARTS OF THE WORK SHALL BE LEFT IN A NEAT AND PRESENTABLE CONDITION SATISFACTORY TO THE WTCPUA AND OTHER GOVERNMENTAL BODIES HAVING JURISDICTION PRIOR TO SUBMITTAL OF THE FINAL PAYMENT.
11. THE CONTRACTOR SHALL MAINTAIN ACCESS TO BUSINESSES AND RESIDENCES AT ALL TIMES. THE CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNERS TO MINIMIZE DISRUPTION OF DELIVERIES, PARKING, AND OTHER ACTIVITIES.
12. DEWATERING, IF NECESSARY, SHALL BE CONSIDERED INCIDENTAL TO THE WORK AND SHALL NOT CONSTITUTE A BASIS FOR ADDITIONAL PAYMENT.
13. THE MINIMUM DEPTH OF COVER FROM TOP OF PIPE TO FINISHED GRADE FOR ALL WATER LINES SHALL BE FOUR 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 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.

POST-CONSTRUCTION TREATMENT SHOULD OCCUR DURING FINAL REVEGETATION OR AS DETERMINED BY A QUALIFIED ARBORIST AFTER CONSTRUCTION. CONSTRUCTION ACTIVITIES OFTEN RESULT IN A REDUCTION IN SOIL MACRO AND MICRO PORES AND AN INCREASE IN SOIL BULK DENSITY. TO AMELIORATE THE DEGRADED SOIL CONDITIONS, AERATION VIA WATER AND/OR AIR INJECTED INTO THE SOIL IS NEEDED OR BY OTHER METHODS AS APPROVED BY THE CITY ARBORIST. THE PROPOSED NUTRIENT MIX SPECIFICATIONS AND SOIL AND/OR FOLIAR ANALYSIS RESULTS NEED TO BE PROVIDED TO AND APPROVED BY THE CITY ARBORIST PRIOR TO APPLICATION (FAX # 512-974-3010). CONSTRUCTION WHICH WILL BE COMPLETED IN LESS THAN 90 DAYS MAY USE MATERIALS AT ½ RECOMMENDED RATES. ALTERNATIVE ORGANIC FERTILIZER MATERIALS ARE ACCEPTABLE WHEN APPROVED BY THE CITY ARBORIST. WITHIN 7 DAYS AFTER FERTILIZATION IS PERFORMED, THE CONTRACTOR SHALL PROVIDE DOCUMENTATION OF THE WORK PERFORMED TO THE CITY ARBORIST, PLANNING AND DEVELOPMENT REVIEW DEPARTMENT. P.O. BOX 1088, AUSTIN, TX 78767. THIS NOTE SHOULD BE REFERENCED AS ITEM #1 IN THE SEQUENCE OF CONSTRUCTION.

EROSION/SEDIMENTATION CONTROL NOTES:

1. THE CONTRACTOR SHALL INSTALL EROSION/SEDIMENTATION CONTROLS AND TREE/NATURAL AREA PROTECTIVE FENCING PRIOR TO ANY SITE PREPARATION WORK (CLEARING, GRUBBING, OR EXCAVATION). MINIMAL TRIMMING OF BRANCHES AND REMOVAL OF SMALL DIAMETER SHRUBS WILL BE ALLOWED TO ACCESS AND ACCOMMODATE THE INSTALLATION OF SILT FENCE AND ROCK BERMS.
2. THE PLACEMENT OF EROSION/SEDIMENTATION CONTROLS SHALL BE IN ACCORDANCE WITH THE CITY OF AUSTIN EROSION AND SEDIMENTATION CONTROL MANUAL AND THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN.
3. THE PLACEMENT OF TREE/NATURAL AREA PROTECTIVE FENCING, IF APPLICABLE, SHALL BE IN ACCORDANCE WITH THE STANDARD NOTES FOR TREE AND NATURAL AREA PROTECTION AND THE APPROVED GRADING/TREE AND NATURAL AREA PLAN.
4. AT LEAST 2 DAYS PRIOR TO MEETING, A PRE-CONSTRUCTION CONFERENCE SHALL BE SCHEDULED WITH THE CONTRACTOR, DESIGN ENGINEER/PERMIT APPLICANT, HAYS COUNTY, AND OWNER'S REPRESENTATIVE INSPECTOR AFTER INSTALLATION OF THE EROSION/SEDIMENTATION CONTROLS AND TREE-NATURAL AREA PROTECTION MEASURES AND PRIOR TO BEGINNING ANY SITE PREPARATION WORK.
5. ANY SIGNIFICANT VARIATION IN MATERIALS OR LOCATIONS OF EROSION CONTROLS FROM THAT WHICH IS SHOWN ON APPROVED PLANS MUST BE APPROVED BY THE ENGINEER.
6. THE CONTRACTOR IS REQUIRED TO INSPECT THE CONTROLS AND FENCES AT WEEKLY INTERVALS AND AFTER SIGNIFICANT RAINFALL EVENTS TO INSURE THAT THEY ARE FUNCTIONING PROPERLY. THE PERSON(S) RESPONSIBLE FOR MAINTENANCE OF CONTROLS AND FENCES SHALL IMMEDIATELY MAKE ANY NECESSARY REPAIRS TO DAMAGED AREAS. SILT ACCUMULATION AT CONTROLS MUST BE REMOVED WHEN THE DEPTH REACHES SIX (6) INCHES. THE CONTRACTOR SHALL MAINTAIN BMPs INSTALLED BY OTHERS WITHIN OR ADJACENT TO THE LOC, INCLUDING EXISTING ROCK BERMS.
7. PRIOR TO FINAL ACCEPTANCE BY OWNER AND HAYS COUNTY, HAUL ROADS AND WATERWAY CROSSINGS CONSTRUCTED FOR TEMPORARY CONTRACTOR ACCESS MUST BE REMOVED FROM THE WATERWAY AND THE AREA RESTORED TO THE ORIGINAL GRADE AND REVEGETATED. ALL LAND CLEARING DEBRIS SHALL BE DISPOSED OF IN APPROVED SPOIL DISPOSAL SITES.
8. FIELD REVISIONS TO THE EROSION AND SEDIMENTATION CONTROL PLAN MAY BE REQUIRED BY THE OWNER OR REGULATORY INSPECTOR DURING THE COURSE OF CONSTRUCTION TO CORRECT CONTROL INADEQUACIES. (REGULATORY INSPECTORS SHOULD COORDINATE WITH ENGINEER WHEN DIRECTING MODIFICATIONS TO EROSION AND SEDIMENTATION CONTROLS.)
9. CONTRACTOR MAY UTILIZE ALL WOODY PLANTS AND TREES CLEARED WITHIN LOC FOR TEMPORARY EROSION CONTROL MEASURES. THE MACHINE GROUND CLEARINGS SHALL BE SPREAD ACROSS THE LOC TO REDUCE THE IMPACT OF EQUIPMENT AND RAINDROPS. PRIOR TO PERMANENT EROSION CONTROL MEASURES, THE MULCH SHALL BE REMOVED.
10. PERMANENT EROSION CONTROL (NATIVE SEEDING): ALL DISTURBED AREAS SHALL BE RESTORED AS NOTED BELOW.

   TOPSOIL: A MINIMUM OF FOUR (4) INCHES OF TOPSOIL SHALL BE PLACED ON ALL DISTURBED AREAS EXCEPT EXPOSED BEDROCK.

   REMOVE ANY TEMPORARY EROSION CONTROL VEGETATION OR MULCH, PER NOTE NO. 9. THE SEEDING FOR PERMANENT EROSION CONTROL SHALL BE APPLIED OVER AREAS DISTURBED BY CONSTRUCTION AS FOLLOWS:

BROADCAST SEEDING:

A. FROM OCTOBER 1 TO MARCH 1, TEMPORARY COVER SEEDING SHALL BE WITH WINTER WHEAT AT A RATE OF 80 LB/AC. PRIOR TO SEEDING PERMANENT COVER AFTER MARCH 1, WINTER WHEAT SHALL BE CUT AND REMOVED FROM AREA.
B. FROM MARCH 1 TO AUGUST 15, SEEDING SHALL BE WITH A NATIVE SEED MIX MEETING THE CITY OF AUSTIN 604.S TABLE 2, AT A RATE OF 80 LB/AC. SUBMIT SEED MIX TO ENGINEER PRIOR TO PURCHASE AND APPLICATION.
C. APPLY SEED PER SUPPLIER RECOMMENDATIONS.
   a. FERTILIZER SHALL BE A PELLETED OR GRANULAR SLOW RELEASE 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 POUND PER 1000 SF.
   b. MULCH TYPE USED SHALL BE HAY OR STRAW APPLIED AT A RATE OF 45 POUNDS PER 1000 SF.

HYDRAULIC SEEDING:

A. FROM OCTOBER 1 TO MARCH 1, TEMPORARY COVER SEEDING SHALL BE WITH WINTER WHEAT AT A RATE OF 80 LB/AC. PRIOR TO SEEDING PERMANENT COVER AFTER MARCH 1, WINTER WHEAT SHALL BE CUT AND REMOVED FROM AREA.
B. FROM MARCH 1 TO AUGUST 15, SEEDING SHALL BE WITH A NATIVE SEED MIX MEETING THE CITY OF AUSTIN 604.S TABLE 2, AT A RATE OF 80 LB/AC. SUBMIT SEED MIX TO ENGINEER PRIOR TO PURCHASE AND APPLICATION, AT A RATE OF 80 LB/AC.
C. FERTILIZER SHALL BE A WATER SOLUBLE FERTILIZER WITH AN ANALYSIS OF 15-15-15 AT A RATE OF 1 POUND PER 1000 SF.
D. MULCH TYPE USED SHALL BE HAY OR STRAW APPLIED AT A RATE OF 45 POUNDS PER 1000 SF, WITH SOIL TACKIFIER AT A RATE OF 1.4 POUNDS PER 1000 SF.

IRRIGATION:
IRRIGATION MAY BE UTILIZED AT CONTRACTOR'S OPTION WHEN AVAILABLE.

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 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 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.

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, NOT WITHIN THE 100-YEAR FLOODPLAIN, 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.

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. WHEN WITHIN DERECHO DRIVE VICINITY, PCTB'S MUST BE USED TO SURROUND BORE PITS, WHEN NOT WITHIN DERECHO DRIVE VICINITY, 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.

HOURS OF CONSTRUCTION:

NO WORK SHALL BE DONE BETWEEN THE HOURS OF 7:00 P.M. AND 6:00 A.M; NOR ON SUNDAYS OR LEGAL HOLIDAYS WITHOUT THE WRITTEN PERMISSION OF THE OWNER IN EACH CASE, EXCEPT SUCH WORK AS MAY BE NECESSARY FOR THE PROPER CARE, MAINTENANCE AND PROTECTION OF THE WORK ALREADY DONE, PROTECTION OF EQUIPMENT OR IN THE CASE OF AN EMERGENCY. SPECIAL WORK HOURS WILL BE ALLOWED FOR ALL WORK REQUIRING DRIVEWAY AND LANE CLOSURES IN AN EFFORT TO MINIMIZE THE DURATION OF VEHICULAR AND PEDESTRIAN INCONVENIENCE, PREFERABLY COINCIDING WITH ANTICIPATED DECREASED TRAFFIC.

CONSTRUCTION SEQUENCING:

1. 48 HOURS PRIOR TO BEGINNING ANY WORK, CALL THE TEXAS UTILITY LOCATE SERVICES (811).
2. PRE-CONSTRUCTION MEETING
3. INSTALL TEMPORARY EROSION CONTROLS AND TREE PROTECTION FENCING PRIOR TO ANY SITE CLEARING, GRUBBING OR GRADING.
4. NOTIFY THE CITY, COUNTY , ENGINEER AN D OWNER OFFICIALS WHEN ESCS ARE INSTALLED.
5. BEGIN REQUIRED CLEARING AND GRUBBING OPERATIONS, TOP SOIL SALVAGING AND STOCKPILING AND UTILITY POT-HOLING.
6. PROCEED WITH CONSTRUCTION AND INSTALLATION.
7. SCHEDULE REQUIRED TESTING.
8. RE-VEGETATE AND RESTORE REMAINDER OF AREA DISTURBED DURING CONSTRUCTION., REQUEST SUBSTANTIAL COMPLETION INSPECTION.
9. ALL TEMPORARY EROSION CONTROLS WILL BE REMOVED FROM THE SITE.
10. PROVIDE FINAL DRESS UP OF AREAS DISTURBED IN ITEM 9.
11. FINAL WALK THROUGH.

ADDITIONAL NOTES:
COORDINATE WITH PUA FOR TEMPORARY ISOLATION EXISTING VALVES AT LEAST 76 HOURS IN ADVANCE, BY WRITTEN NOTIFICATION TO OWNER AND ENGINEER.
CONTRACTOR SHALL PROVIDE ENGINEER A WRITTEN REQUEST FOR SUBSTANTIAL PROJECT COMPLETION FOLLOWING ITEMS NO. 7 & 8, AND A WRITTEN REQUEST FOR FINAL PROJECT COMPLETION FOLLOWING ITEM NO. 10.

GENERAL CONSTRUCTION NOTES:

1. EXCEPT AS SPECIFICALLY MODIFIED HEREIN OR IN THE SPECIFICATION DOCUMENTS, ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF AUSTIN STANDARD SPECIFICATIONS. IF THERE ARE ANY DISCREPANCIES BETWEEN THE C.O.A. AND HAYS COUNTY REQUIREMENTS THE MORE STRINGENT REQUIREMENTS SHOULD APPLY.
2. PRIOR TO BEGINNING CONSTRUCTION, THE OWNER OR HIS AUTHORIZED REPRESENTATIVE SHALL CONVENE A PRE-CONSTRUCTION CONFERENCE BETWEEN THE CONSULTING ENGINEER, CONTRACTOR, HAYS COUNTY, W.T.C.P.U.A. GENERAL MANAGER & OPERATIONS MANAGER AND ANY OTHER AFFECTED PARTIES. NOTIFY ENTITIES AT LEAST 48 HOURS PRIOR TO THE TIME OF CONFERENCE AND 48 HOURS PRIOR TO THE BEGINNING OF CONSTRUCTION.
3. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH MATERIAL SUBMITTALS AND SHOP DRAWINGS, INCLUDING TRENCHLESS PIPE INSTALLATION LAYOUT, MATERIAL & EQUIPMENT PLANS PRECEDING PURCHASING AND SCHEDULING WORK.
4. ANY EXISTING PAVEMENT, CURBS, AND/OR SIDEWALKS DAMAGED OR REMOVED WILL BE REPAIRED BY THE CONTRACTOR AT HIS/HER EXPENSE BEFORE ACCEPTANCE OF THE PROJECT.
5. THE LOCATION OF ANY WATER AND/OR WASTEWATER LINES SHOWN ON THE PLANS MUST BE VERIFIED BY THE WEST TRAVIS COUNTY P.U.A.
6. USE TEXAS 811 A.K.A. TEXAS EXCAVATION SAFETY SYSTEM: DIAL 811 OR 1-800-545-6055 FOR THE TEXAS UNDERGROUND FACILITY NOTIFICATION CORPORATION A MINIMUM OF 48 HOURS BEFORE DIGGING.

DEVELOPER INFORMATION

FACILITIES OWNER:	WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY 13215 BEE CAVE ROAD BUILDING B, SUITE 110 BEE CAVE, TEXAS 78738 PH: (512) 263-0100
LAND OWNER:	WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY 13215 BEE CAVE ROAD BUILDING B, SUITE 110 BEE CAVE, TEXAS 78738 PH: (512) 263-0100
OWNER'S REPRESENTATIVE RESPONSIBLE FOR PLAN ALTERATIONS:	CONSOR NORTH AMERICA INC. 1101 CAPITAL OF TX. HWY. S. BUILDING D, SUITE 110 AUSTIN, TEXAS 78746 (512) 327-9204
MAINTENANCE: PERSON OR FIRM RESPONSIBLE FOR EROSION/SEDIMENTATION CONTROL:	CONTRACTOR
MAINTENANCE: PERSON OR FIRM RESPONSIBLE FOR TREE/NATURAL AREA PROTECTION:	CONTRACTOR

TCEQ WATER NOTES:

1. ALL NEWLY INSTALLED PIPES AND RELATED PRODUCTS MUST CONFORM TO AMERICAN NATIONAL STANDARDS INSTITUTE/NATIONAL SANITATION FOUNDATION (ANSI/NSF) STANDARD 61 AND MUST BE CERTIFIED BY AN ORGANIZATION ACCREDITED BY ANSI.
2. ALL PLASTIC PIPE FOR USE IN PUBLIC WATER SYSTEMS MUST ALSO BEAR THE NATIONAL SANITATION FOUNDATION SEAL OF APPROVAL (NSF-PW) AND HAVE AN ASTM DESIGN PRESSURE RATING OF AT LEAST 150 P.S.I. OR A STANDARD DIMENSION RATIO OF 16 OR LESS.
3. 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.
4. WATER TRANSMISSION AND DISTRIBUTION LINES MUST 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.
5. THE HYDROSTATIC LEAKAGE RATE SHALL NOT EXCEED THE AMOUNT ALLOWED OR RECOMMENDED BY AWWA FORMULAS.
6. ALL WATER LINES SHALL BE HYDROSTATIC LEAK TESTED IN CONFORMANCE WITH AWWA C600 FOR DUCTILE IRON PIPE AND AWWA C605 FOR PVC PIPE.
7. ALL WATER LINES SHALL BE DISINFECTED IN CONFORMANCE WITH AWWA C651.
8. DISCHARGE OF HYDROSTATIC TEXT WATER SHALL BE IN ACCORDANCE WITH STATE REGULATIONS AND SHALL BE RELEASED IN A MANNER THAT WILL NOT ERODE SOILS.

NOTE:

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN APPROVING THESE PLANS. THE CITY OF DRIPPING SPRINGS AND HAYS COUNTY MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

NO.	DESCRIPTION	BY	DATE	APPROVED	APPD DATE

WEST TRAVIS COUNTY P.U.A.
1340 ELEVATED STORAGE TANK

DRIPPING SPRINGS, HAYS COUNTY

GENERAL NOTES 1

STATE OF TEXAS
CHEYENNE E. STOWERS
144255
REGISTERED PROFESSIONAL ENGINEER
12/23/25

Sub Consultant:

Consultant: consor

DESIGNED BY: CES
DRAWN BY: MRS
CHECKED BY: JKB
APPROVED BY: CES
DATE: 12/1/2025
FILE NO. 1340 - EST - GENERAL NOTES.dwg LAYOUT: GENERAL NOTES 1
JOB NO.
SHEET NO.

PLOT DATE: 2025-12-1
FILE PATH: W:\WTCPUA\Facilities\Water\1340 EST #2- Dripping Springs\Site Plan\CAD\1340 - EST - GENERAL NOTES.dwg / LAYOUT: GENERAL NOTES 1

N

0 40 80
20 60

SCALE: 1"=40'

LEGEND

- PROPERTY BOUNDARY
- EXISTING LOT LINE
- XX EXISTING MAJOR CONTOUR
- XX EXISTING MINOR CONTOUR
- EXISTING ROAD
- EXISTING POWER POLE

NOTE:

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN APPROVING THESE PLANS. THE CITY OF DRIPPING SPRINGS AND HAYS COUNTY MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

NO.	DESCRIPTION	BY	DATE	APPROVED	APP.DATE

WEST TRAVIS COUNTY P.U.A.
1340 ELEVATED STORAGE TANK
DRIPPING SPRINGS, HAYS COUNTY

EXISTING CONDITIONS

STATE OF TEXAS
CHEYENNE E. STOWERS
144255
REGISTERED
PROFESSIONAL ENGINEER
12/23/25

Sub Consultant:

Consultant: consor

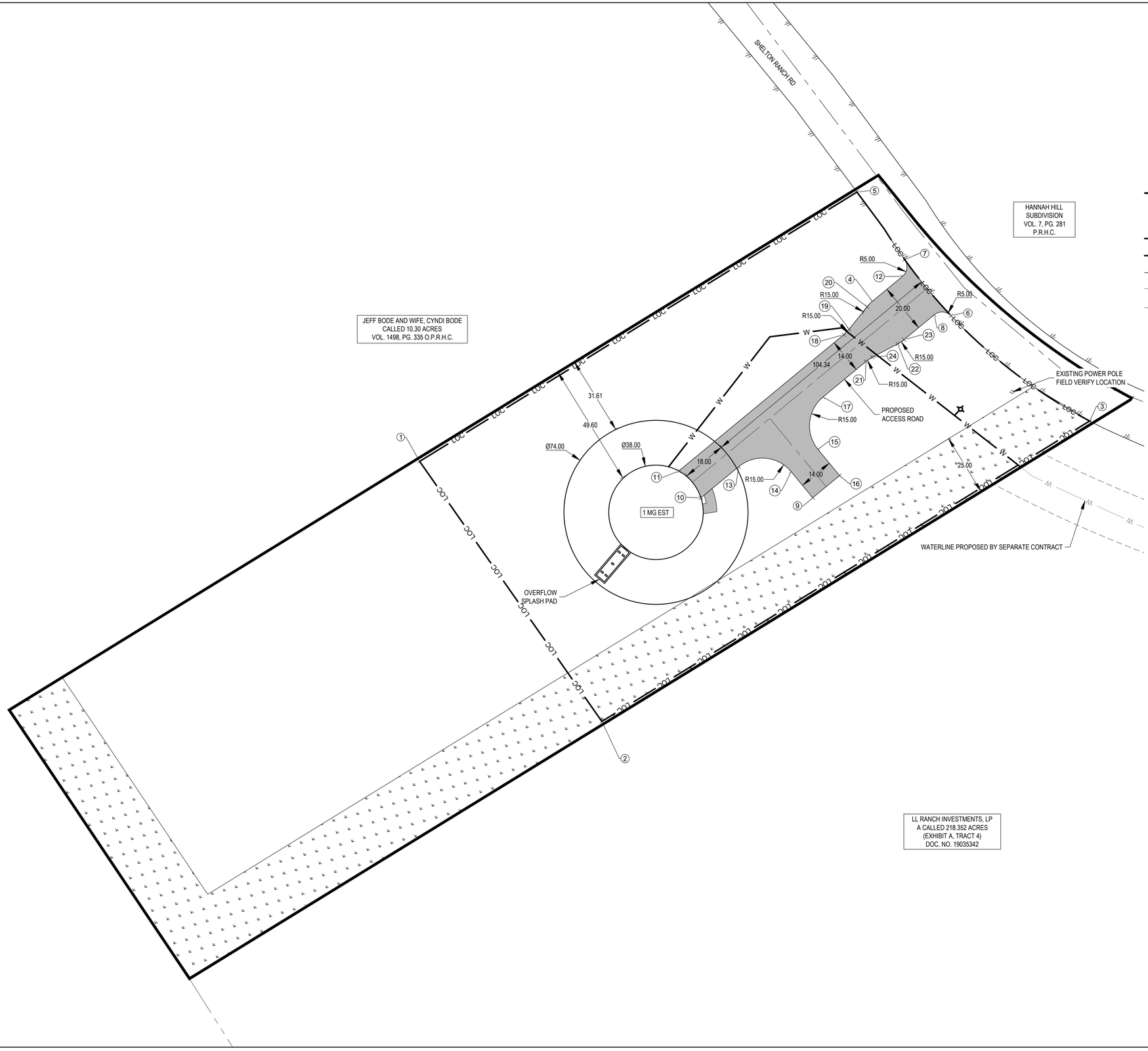
DESIGNED BY: CES
DRAWN BY: MRS
CHECKED BY: JKB
APPROVED BY: CES
DATE: 12/1/2025

FILE NO. 1340 - EST - EXISTING.dwg
LAYOUT: EXISTING CONDITIONS

JOB NO.

SHEET NO. 3 OF 8

PLOT DATE: 2025-12-1
FILE PATH: W:\WTCPUA\Facilities\Water\1340 EST #2- Dripping Springs\Site Plan\CAD\1340 - EST - EXISTING.dwg | LAYOUT: EXISTING CONDITIONS



0 10 20 30 40

SCALE: 1"=20'

LEGEND

- PROPERTY BOUNDARY
- PROPOSED ACCESS ROAD
- LOC LOC — PROPOSED LIMITS OF CONSTRUCTION
- W W — PROPOSED WATER LINE
- EXISTING ROAD
- EASEMENT
- EXISTING LOT LINE
- EXISTING POWER POLE
- PROPOSED FIRE HYDRANT
- VEGETATIVE FILTER STRIP

NOTE:
1. KNOX PADLOCK TO BE INSTALLED ON ENTRY GATE.

NORTHING AND EASTING TABLE

POINT #	NORTHING	EASTING
1	13994596.1382	2258221.8718
2	13994540.6193	2258336.8590
3	13994741.7852	2258449.1578
4	13994741.1467	2258349.4133
5	13994776.4574	2258322.5540
6	13994751.5224	2258379.9010
7	13994762.1416	2258352.5724
8	13994748.5604	2258373.7509
9	13994660.5171	2258367.0155
10	13994638.5545	2258327.7866
11	13994643.6252	2258314.7372
12	13994755.8042	2258355.1089
13	13994656.8981	2258334.9146
14	13994665.4468	2258354.3290
15	13994678.4962	2258359.3997
16	13994673.5665	2258372.0862
17	13994697.9107	2258350.8511
18	13994723.8232	2258345.9003
19	13994726.8079	2258346.7176
20	13994738.1620	2258348.5960
21	13994718.7525	2258358.9498
22	13994731.1494	2258366.6430
23	13994733.9028	2258368.0554
24	13994721.5060	2258360.3622

WTCPUA 1340 - SITE IMPERVIOUS COVER

	EXISTING		PROPOSED	
	SQFT	AC	SQFT	AC
SITE AREA	54921	1.26	54921	1.26
IMPERVIOUS STRUCTURES	0.0	0.00	1256	0.03
IMPERVIOUS PAVING	2068	0.05	4468	0.10
TOTAL IMPERVIOUS	2068	0.05	5724	0.13
TOTAL IMPERVIOUS PERCENT	3.8%		10.4%	

NOTE:

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN APPROVING THESE PLANS. THE CITY OF DRIPPING SPRINGS AND HAYS COUNTY MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

NO.	DESCRIPTION	BY	DATE	APPROVED	APP.DATE

WEST TRAVIS COUNTY P.U.A.
1340 ELEVATED STORAGE TANK
DRIPPING SPRINGS, HAYS COUNTY

SITE DIMENSION CONTROL PLAN

STATE OF TEXAS
CHEYENNE E. STOWERS
144255
REGISTERED PROFESSIONAL ENGINEER
12/23/25

Sub Consultant:

Consultant: consor

DESIGNED BY: CES
DRAWN BY: MRS
CHECKED BY: JKB
APPROVED BY: CES
DATE: 12/1/2025

FILE NO.
1340 - EST - SITE DIMENSION.dwg
LAYOUT: SITE DIMENSION CONTROL PLAN

JOB NO.

SHEET NO.
4 OF 8

PLOT DATE: 2025-12-1
FILE PATH: W:\WTCPUA\Facilities\Water\1340 EST #2- Dripping Springs\Site Plan\CAD\1340 - EST - SITE DIMENSION.dwg | LAYOUT: SITE DIMENSION CONTROL PLAN

TEMPORARY SPOILS AND STAGING AREA

CONCRETE WASHOUT STATION

STABILIZED CONSTRUCTION ENTRANCE

0 20 40
10 30

SCALE: 1"=20'

LEGEND

- PROPERTY BOUNDARY
- PROPOSED EDGE OF PAVEMENT
- EXISTING PROPERTY LINE
- XXX — EXIST MAJOR CONTOUR
- XXX — EXIT MINOR CONTOUR
- 840 — PROPOSED MAJOR CONTOUR
- 840 — PROPOSED MINOR CONTOUR
- LOC — PROPOSED LIMITS OF CONSTRUCTION
- LOC/SF — PROPOSED LIMITS OF CONSTRUCTION AND SILT FENCE
- ∅ — EXISTING POWER POLE
- W — W — PROPOSED WATER
- EXISTING ROAD
- PROPOSED ACCESS ROAD
- TEMPORARY SPOILS SITE/STAGING AREA
- CONCRETE WASHOUT AREA
- VEGETATIVE FILTER STRIP
- STABILIZED CONSTRUCTION ENTRANCE

NOTE:

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN APPROVING THESE PLANS. THE CITY OF DRIPPING SPRINGS AND HAYS COUNTY MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

NO.	DESCRIPTION	BY	DATE	APPROVED	APP.DATE

WEST TRAVIS COUNTY P.U.A.
1340 ELEVATED STORAGE TANK

DRIPPING SPRINGS, HAYS COUNTY

EROSION AND SEDIMENTATION CONTROL PLAN

STATE OF TEXAS
CHEYENNE E. STOWERS
144255
REGISTERED
PROFESSIONAL ENGINEER

12/23/25

Sub Consultant:

Consultant: consor

DESIGNED BY:	CES
DRAWN BY:	MRS
CHECKED BY:	JKB
APPROVED BY:	CES
DATE:	12/1/2025

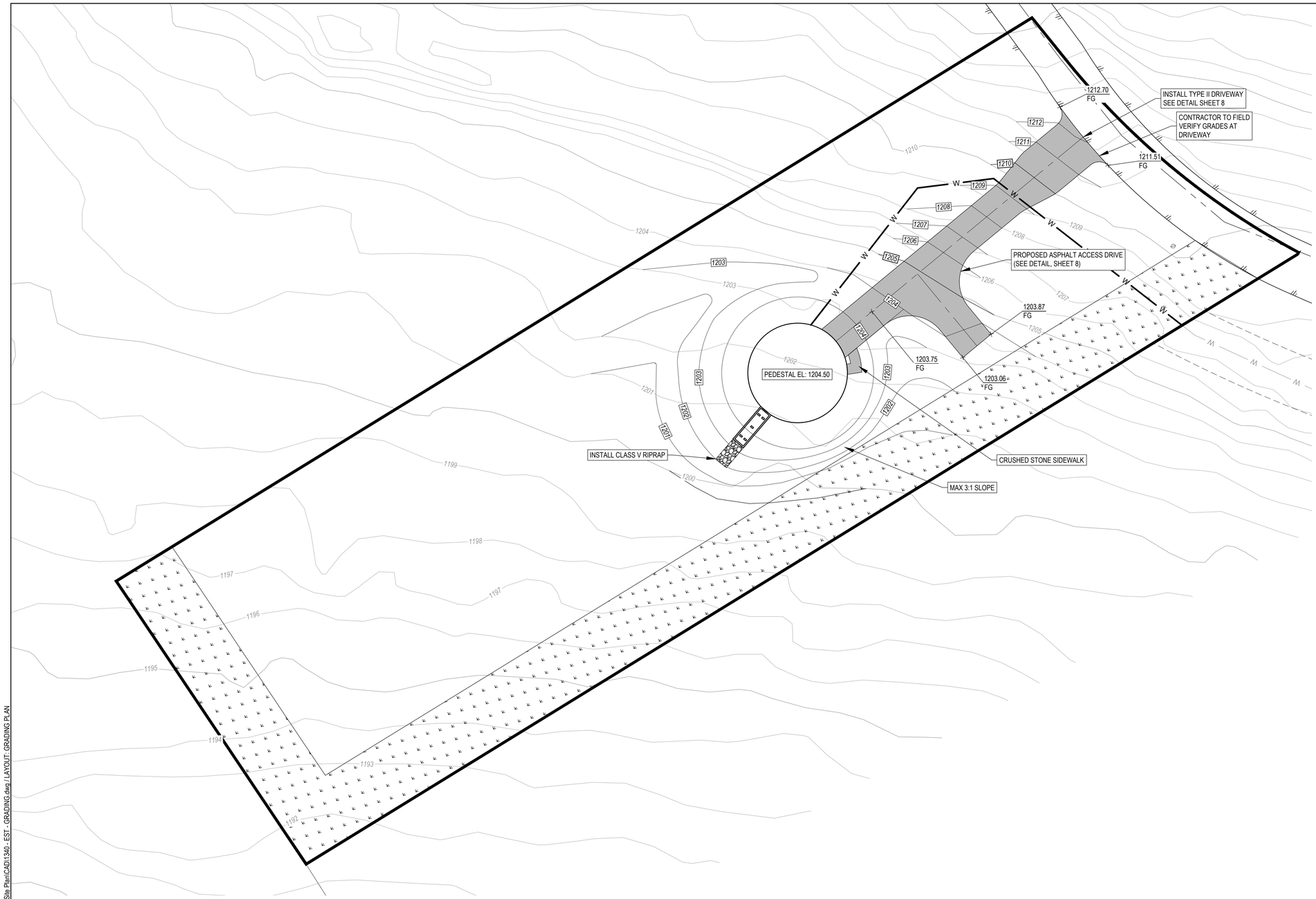
FILE NO. 1340 - EST - ESC.dwg
LAYOUT: EROSION AND SEDIMENTATION CONTROL PLAN

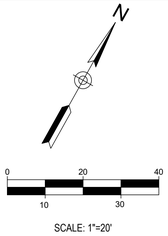
JOB NO.

SHEET NO.

5 OF 8

PLOT DATE: 2025-12-1
FILE PATH: W:\WTCPUA\Facilities\Water\1340 EST #2- Dripping Springs\Site Plan\CAD\1340 - EST - ESC.dwg / LAYOUT: EROSION AND SEDIMENTATION CONTROL PLAN





SCALE: 1"=20'

LEGEND

- PROPERTY BOUNDARY
- PROPOSED EDGE OF PAVEMEN
- EXISTING LOT LINE
- XXX — EXIST MAJOR CONTOUR
- EXIT MINOR CONTOUR
- 840 — PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- W — W — PROPOSED WATER
- Ø — EXISTING POWER POLE
- PROPOSED FIRE HYDRANT
- VEGETATIVE FILTER STRIP
- CLASS V RIP RAP

NOTE:

1. ROCK RIPRAP PLACED AT A DEPTH OF 1.5 TIMES LARGEST STONE DIAMETER (MIN. 18"). NONWOVEN GEOTEXTILE FABRIC TO BE PLACED PER COA SPECIFICATION 620S.
2. TOP OF RIPRAP IS TO MATCH GRADES SHOWN.

CLASS V ROCK RIPRAP GRADATION TABLE

	MIN	MAX
D15 (IN)	11.00	15.50
D50 (IN)	17.00	20.50
D85 (IN)	23.50	27.50
D100 (IN)	--	36

GEOTEXTILE FABRIC

PROPERTY	TEST METHOD	UNIT	SPECIFICATION
MATERIAL	NONWOVEN GEOTEXTILE FABRIC		
UNIT WEIGHT		Oz/SQ.YD.	8 (min.)
FILTRATION RATE		IN./SEC.	0.08 (min.)
PUNCTURE STRENGTH	ASTM D-751 (MODIFIED)	LB.	125 (min.)
MULLEN BURST STRENGTH	ASTM D-751	PSI	400 (min.)
TENSILE STRENGTH	ASTM D-1682		200 (min.)
EQUIV. OPENING SIZE	US STANDARD SIEVE		80 (min.)

NOTE:

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NO.	DESCRIPTION	BY	DATE	APPROVED	APP.DATE

WEST TRAVIS COUNTY P.U.A.
1340 ELEVATED STORAGE TANK
DRIPPING SPRINGS, HAYS COUNTY

GRADING PLAN

STATE OF TEXAS
CHEYENNE E. STOWERS
144255
REGISTERED
PROFESSIONAL ENGINEER

12/23/25

Sub Consultant:

Consultant: consor

DESIGNED BY:	CES
DRAWN BY:	MRS
CHECKED BY:	JKB
APPROVED BY:	CES
DATE:	12/1/2025
FILE NO.	1340 - EST - GRADING.dwg LAYOUT: GRADING PLAN
JOB NO.	
SHEET NO.	6 OF 8

PLOT DATE: 2025-12-1
FILE PATH: W:\WTCPUA\Facilities\Water\1340 EST #2- Dripping Springs\Site Plan\CAD\1340 - EST - GRADING.dwg / LAYOUT: GRADING PLAN

PROJECT: 1340 EST
CALCULATION OF IMPERVIOUS COVER

Condition	Drainage Area	Onsite					Offsite					Total Area (SF)	Total Area (AC)	Total IC (SF)	Total IC (AC)	Total IC (%)
		Area (SF)	Area (AC)	IC (SF)	IC (AC)	IC (%)	Area (SF)	Area (AC)	IC (SF)	IC (AC)	IC (%)					
Existing	A-1	54921	1.26	2068	0.05	3.8%	106307	2.44	8790	0.20	8.3%	161228	3.70	10858	0.25	6.7%
Proposed	A-1	54921	1.26	5724	0.13	10.4%	106307	2.44	8790	0.20	8.3%	161228	3.70	14514	0.33	9.0%

TIME OF CONCENTRATION - EXISTING & PROPOSED

Drng Area	Elev1	Elev2	L (ft)	S (ft/ft)	Flow Type	n	Vel (fps)	t(c)
A-1	1235.00	1231.25	100	0.038	Sheet	0.20	-	8.5
	1231.25	1194.00	770	0.048	SCF-U	-	3.5	3.6
							Total (min):	12.2

TXDOT INTENSITY COEFFICIENTS

	2-yr	10-yr	25-yr	100-yr
a	64.60	92.05	112.69	152.13
b	12.99	13.17	13.97	16.11
c	0.81	0.79	0.79	0.78

INTENSITY CALCULATIONS - EXISTING & PROPOSED

DA	ToC	2-yr	10-yr	25-yr	100-yr
A-1	12.2	4.67	7.06	8.64	11.25

RUNOFF COEFFICIENT CALCULATIONS

Condition	Drainage Area	Area (SF)	Area (AC)	Impervious Acres	% Impervious Cover	Pervious Acres	2-YR	10-YR	25-YR	100-YR
Existing	A-1	161,228	3.70	10,858	0.25	3.45	0.36	0.41	0.45	0.52
Proposed	A-1	161,228	3.70	14,514	0.33	3.37	0.37	0.42	0.46	0.53

CALCULATION OF STORMWATER RUNOFF

Condition	Drainage Area	Area (AC)	ToC	C(2)	I(2)	Q(2)	C(10)	I(10)	Q(10)	C(25)	I(25)	Q(25)	C(100)	I(100)	Q(100)
Existing	A-1	3.7	12.2	0.4	4.7	6	0.4	7.1	11	0.5	8.6	15	0.5	11.2	22
Proposed	A-1	3.7	12.2	0.4	4.7	6	0.4	7.1	11	0.5	8.6	15	0.5	11.2	22

Texas Commission on Environmental Quality

TSS Removal Calculations 04-20-2009

Project Name: 1340 EST
Date Prepared: 10/8/2025

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 * =	1.26	acres
Predevelopment impervious area within the limits of the plan * =	0.05	acres
Total post-development impervious area within the limits of the plan* =	0.13	acres
Total post-development impervious cover fraction * =	0.10	
P =	33	inches
$L_{M\ TOTAL\ PROJECT}$ =	72	lbs.

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

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

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

Drainage Basin/Outfall Area No. = A-1

Total drainage basin/outfall area =	3.70	acres
Predevelopment impervious area within drainage basin/outfall area =	0.25	acres
Post-development impervious area within drainage basin/outfall area =	0.33	acres
Post-development impervious fraction within drainage basin/outfall area =	0.09	
$L_{M\ THIS\ BASIN}$ =	72	lbs.

3. Indicate the proposed BMP Code for this basin.

Proposed BMP = Vegetated Filter Strips
Removal efficiency = 85 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: $L_R = (\text{BMP efficiency}) \times P \times (A_C \times 34.6 + A_P \times 0.54)$

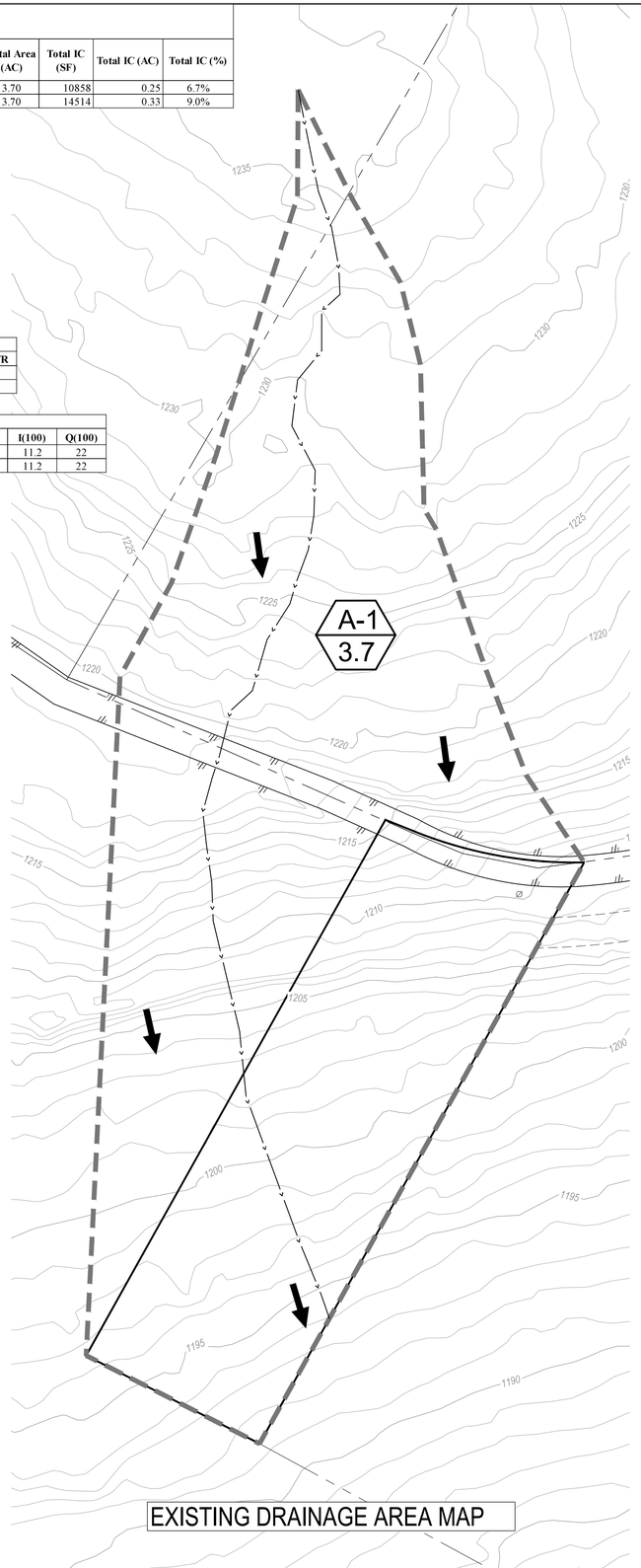
where:
A_C = Total On-Site drainage area in the BMP catchment area
A_I = Impervious area proposed in the BMP catchment area
A_P = Pervious area remaining in the BMP catchment area
L_R = TSS Load removed from this catchment area by the proposed BMP

A_C =	1.26	acres
A_I =	0.13	acres
A_P =	1.13	acres
L_R =	143	lbs

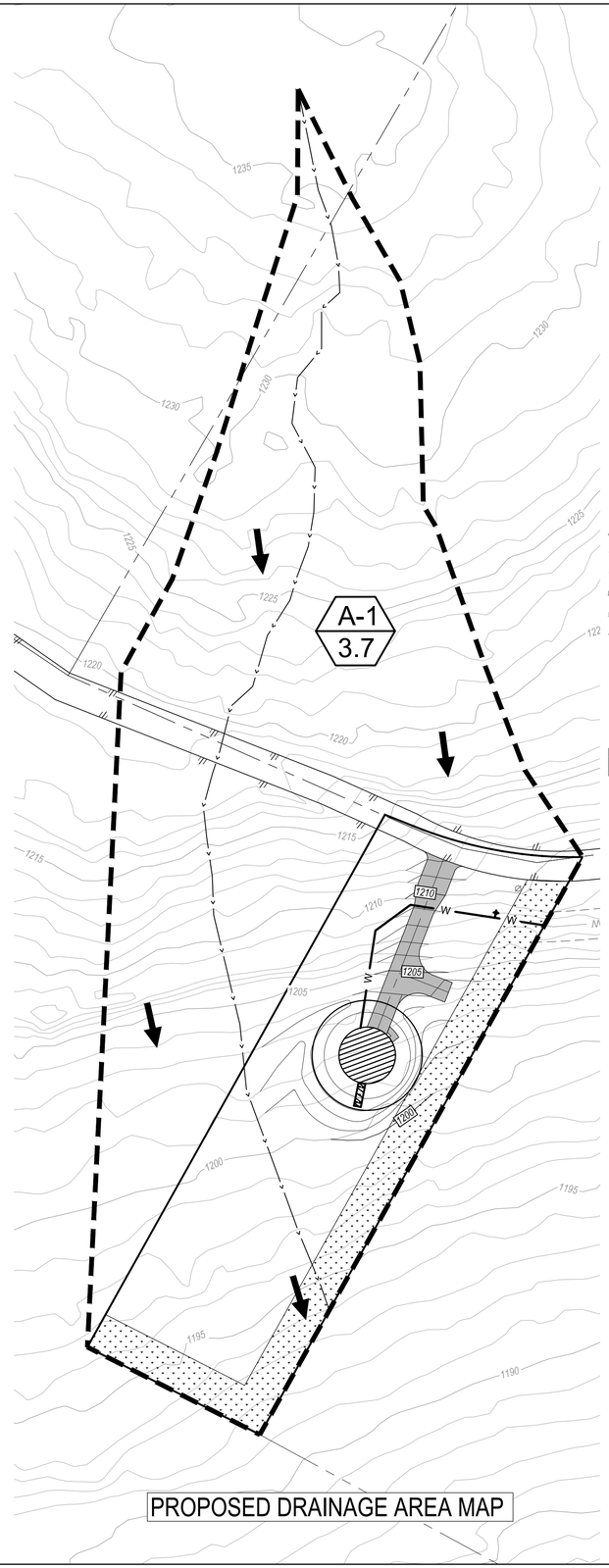
5. Calculate Fraction of Annual Runoff to Treat the drainage basin / outfall area

Desired $L_{M\ THIS\ BASIN}$ =	135	lbs.
F =	0.94	

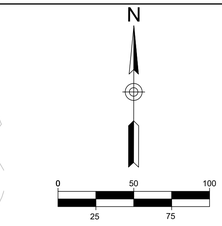
REQUIRED LOAD REMOVAL (LM) = 72 LBS
PROVIDED LOAD REMOVAL (LR) - 135 LBS



EXISTING DRAINAGE AREA MAP



PROPOSED DRAINAGE AREA MAP



LEGEND

- PROPERTY BOUNDARY
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED DRAINAGE BOUNDARY
- EXISTING DRAINAGE BOUNDARY
- TIME OF CONCENTRATION
- A-1 XX — DRAINAGE AREA W/ ACREAGE
- FLOW ARROW
- VEGETATIVE FILTER STRIP

NOTE:

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN APPROVING THESE PLANS. THE CITY OF DRIPPING SPRINGS AND HAYS COUNTY MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

NO.	DESCRIPTION	BY	DATE	APPROVED	APPD.DATE

WEST TRAVIS COUNTY P.U.A.
1340 ELEVATED STORAGE TANK
DRIPPING SPRINGS, HAYS COUNTY

EXISTING AND PROPOSED DRAINAGE PLAN

STATE OF TEXAS
CHEYENNE E. STOWERS
144255
REGISTERED
PROFESSIONAL ENGINEER
12/23/25

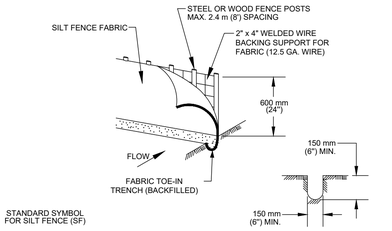
Sub Consultant:

Consultant: consor

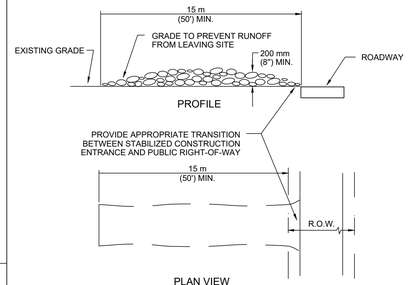
DESIGNED BY: CES
DRAWN BY: MRS
CHECKED BY: JKB
APPROVED BY: CES
DATE: 4/21/2025

FILE NO. 1340 - EST - DRAINAGE.dwg
LAYOUT: EXISTING AND PROPOSED DRAINAGE PLAN
JOB NO.
SHEET NO. 7 OF 8

PLOT DATE: 2025-12-1
FILE PATH: W:\WTCPUA\Facilities\Water\1340 EST #2- Dripping Springs\Site Plan\CAD\1340 - EST - DRAINAGE.dwg / LAYOUT: EXISTING AND PROPOSED DRAINAGE PLAN



TRENCH CROSS SECTION



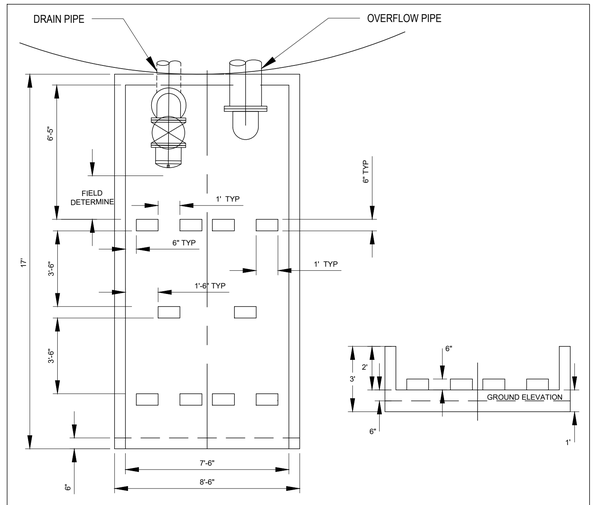
NOTES:

1. STEEL OR WOOD POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MINIMUM OF 300 mm (12 INCHES). IF WOOD POSTS CANNOT ACHIEVE 300 mm (12 inches) DEPTH, USE STEEL POSTS.
2. THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW.
3. THE TRENCH MUST BE A MINIMUM OF 150 mm (6 inches) DEEP AND 150 mm (6 inches) WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAID IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL.
4. SILT FENCE FABRIC SHOULD BE SECURELY FASTENED TO EACH STEEL OR WOOD SUPPORT POST OR TO WOVEN WIRE , WHICH IS IN TURN ATTACHED TO THE STEEL OR WOOD FENCE POST.
5. INSPECTION SHALL BE MADE WEEKLY OR AFTER EACH RAINFALL EVENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTY AS NEEDED.
6. SILT FENCE SHALL BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.
7. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 150 mm (6 inches). THE SILT SHALL BE DISPOSED OF ON AN APPROVED SITE AND IN SUCH A MANNER THAT WILL NOT CONTRIBUTE TO ADDITIONAL SILTATION.

NOTES:

1. STONE SIZE: 75-125 mm (3-5") OPEN GRADED ROCK.
2. LENGTH: AS EFFECTIVE BUT NOT LESS THAN 15 m (50').
3. THICKNESS: NOT LESS THAN 200 mm (8").
4. WIDTH: NOT LESS THAN FULL WIDTH OF ALL POINTS OF INGRESS/EGRESS.
5. WASHING: WHEN NECESSARY, VEHICLE WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC ROADWAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE AND DRAINS INTO AN APPROVED TRAP OR SEDIMENT BASIN. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATERCOURSE USING APPROVED METHODS.
6. MAINTENANCE: THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADWAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND, AS WELL AS REPAIR AND CLEAN OUT OF ANY MEASURE DEVICES USED TO TRAP SEDIMENT. ALL SEDIMENTS THAT IS SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC ROADWAY MUST BE REMOVED IMMEDIATELY.
7. DRAINAGE: ENTRANCE MUST BE PROPERLY GRADED OR INCORPORATE A DRAINAGE SWALE TO PREVENT RUNOFF FROM LEAVING THE CONSTRUCTION SITE.

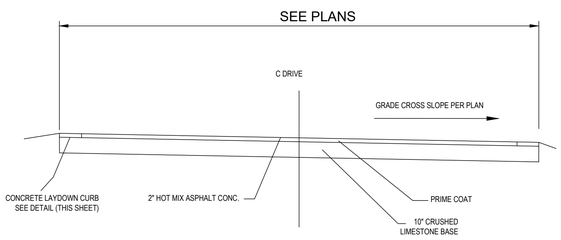
CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT	SILT FENCE		CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT	STABILIZED CONSTRUCTION ENTRANCE	
RECORD COPY SIGNED BY MORGAN BYARS 09/01/2011 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 642S-1	RECORD COPY SIGNED BY J. PATRICK MURPHY 5/23/00 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 641S-1



NOTE: PAD TO INCLUDE REBAR AS APPROVED BY ENGINEER.

OVERFLOW SPLASH PAD DETAIL

SCALE: NOT TO SCALE

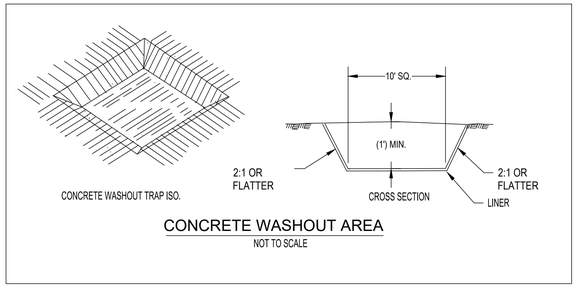


NOTES:

1. STRIP OFF AT LEAST 6" OF THE SURFICIAL SOILS AND ALL ORGANICS.
2. SCARIFY AND COMPACT SUBGRADE TO AT LEAST 95% MAX. DRY DENSITY.
3. COMPACT BASE TO 100% OF MAX. DRY DENSITY. (MINIMUM 2 LIFTS)
4. GRADE TO DRAIN.
5. CONSTRUCT IN ACCORDANCE WITH GEOTECHNICAL RECOMMENDATIONS FOR FLEXIBLE PAVEMENT.

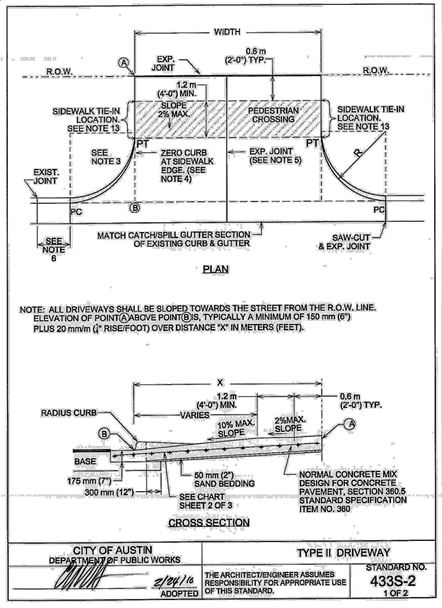
ASPHALT ACCESS DRIVE

SCALE: N.T.S.



CONCRETE WASHOUT AREA

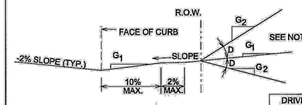
NOT TO SCALE



NOTE: ALL DRIVEWAYS SHALL BE SLOPED TOWARDS THE STREET FROM THE R.O.W. LINE. ELEVATION OF POINT(A)ABOVE POINT(B)IS, TYPICALLY A MINIMUM OF 150 mm (6") PLUS 20 mm/m (¼" RISE/FOOT) OVER DISTANCE "X" IN METERS (FEET).

CITY OF AUSTIN DEPARTMENT OF PUBLIC WORKS	TYPE II DRIVEWAY	
2/24/16 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 433S-2 1 OF 2

USE	THICKNESS	REINFORCEMENT
DRIVEWAYS FOR PASSENGER VEHICLE PARKING LOTS	150 mm (6") MIN.	125 mm (5") MIN. CONCRETE WITH ONE LAYER OF 13M (#4) BARS PLACED ON CHAIRS AT MIDDEPTH OF SLAB AT NO MORE THAN 450 mm (18") O.C. BOTH DIRECTIONS
ALL OTHERS	175 mm (7") MIN.	125 mm (5") MIN. CONCRETE WITH ONE LAYER OF 13M (#4) BARS PLACED ON CHAIRS AT MIDDEPTH OF SLAB AT NO MORE THAN 450 mm (18") O.C. BOTH DIRECTIONS



ALLOWABLE GRADES

DRIVEWAY VOLUME (ADT)	D=GRADE CHANGE	
	STD.	MAX.
>1500	0%	3%
500-1500	3%	6%
< 500	8%	15%

NOTES:

1. ALL TYPE II DRIVEWAYS SHALL HAVE RADIUS ENDS.
2. DRIVEWAY WIDTHS AND RADII DIMENSIONS, ONE/TWO WAY TRAVEL REQUIREMENTS, AND GEOMETRIC LAY-OUT ARE HIGHLY VARIABLE, SUBJECT TO SITE SPECIFIC CONDITIONS AND REQUIREMENTS. SEE TRANSPORTATION CRITERIA MANUAL, SECTION 5 "DRIVEWAYS".
3. THE DRIVEWAY EDGE SHALL BE SMOOTHLY TRANSITITIONED INTO THE SIDEWALK TIE-IN LOCATION BEGINNING AT THE RADIUS PC LINE.
4. "ZERO" CURB AT PT OR SIDEWALK EDGE, WHICHEVER IS ENCOUNTERED FIRST.
5. PLACE AN EXPANSION JOINT DOWN THE CENTER OF DRIVEWAY ALL DRIVEWAYS.
6. IF DIMENSION IS LESS THAN 1.5 METERS (6 FEET), REMOVE CURB AND GUTTER TO EXISTING JOINT AND POUR MONOLITHICALLY WITH DRIVEWAY.
7. IF THE BASE IS OVER-EXCAVATED WHERE THE CURB AND GUTTER WERE REMOVED, BACKFILL WITH CONCRETE MONOLITHICALLY WITH THE DRIVEWAY.
8. TYPE II DRIVEWAYS ARE TO BE LOCATED NO CLOSER TO THE CORNER OF INTERSECTING RIGHT OF WAY THAN 60% OF PARCEL FRONTAGE AT 30 METERS (100 FEET); WHICHEVER IS LESS.
9. DRIVEWAY SHALL NOT BE CONSTRUCTED WITHIN THE CURB RETURN OF A STREET INTERSECTION.
10. WHILE THE PROPERTY OWNER REMAINS RESPONSIBLE FOR GRADE BREAKS WITHIN PRIVATE PROPERTY, THE FIRE DEPARTMENT SHALL BE CONSULTED WHERE THE DRIVEWAY IS ESSENTIAL TO EMERGENCY VEHICLE ACCESS AND "G2 IS GREATER THAN 15%.
11. USE 12 MM (1/2") ASPHALT BOARD OR OTHER APPROVED MATERIAL FOR CURB AND GUTTER EXPANSION JOINTS. SIDEWALK, AT THE R.O.W. LINE AND AT MIDWIDTH, SEE NOTE 5.
12. SEE TRANSPORTATION CRITERIA MANUAL, SECTION 5 FOR OTHER DRIVEWAY REQUIREMENTS.
13. THE SIDEWALK, REGARDLESS OF ITS LOCATION WITH RESPECT TO THE CURB OR PROPERTY LINE, SHALL BE CONNECTED TO THE DRIVEWAY AT THESE LOCATIONS.
14. WATER METER BOXES AND WASTEWATER CLEAN OUTS ARE PROHIBITED FROM BEING LOCATED IN DRIVEWAY AREAS.

CITY OF AUSTIN DEPARTMENT OF PUBLIC WORKS	TYPE II DRIVEWAY	
2/24/16 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 433S-2 2 OF 2

NOTE:

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

NO.	DESCRIPTION	BY	DATE	APPROVED	APP.DATE

WEST TRAVIS COUNTY P.U.A.
1340 ELEVATED STORAGE TANK
DRIPPING SPRINGS, HAYS COUNTY

STANDARD DETAILS

STATE OF TEXAS
CHEYENNE E. STOWERS
144255
REGISTERED
PROFESSIONAL ENGINEER
12/23/25

Sub Consultant:

Consultant: consor

DESIGNED BY:	CES
DRAWN BY:	MRS
CHECKED BY:	JKB
APPROVED BY:	CES
DATE:	12/1/2025
FILE NO.	1340 - EST - DETAILS.dwg LAYOUT: STANDARD DETAILS
JOB NO.	
SHEET NO.	8 OF 8

PLOT DATE: 2025-12-1
FILE PATH: W:\WTCPUA\Facilities\Water\1340 EST #2- Dripping Springs\Site Plan\CAD\1340 - EST - DETAILS.dwg | LAYOUT: STANDARD DETAILS