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: Epic Communications						**2. Regulated Entity No.:**			
3. Customer Name: Dwayne Griffin						**4. Customer No.:**			
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):**			3.885
9. Application Fee:	$4,000		**10. Permanent BMP(s):**			Batch Detention Pond			
11. SCS (Linear Ft.):	N/A		**12. AST/UST (No. Tanks):**			N/A			
13. County:	Hays		**14. Watershed:**			Onion Creek			

Application Distribution

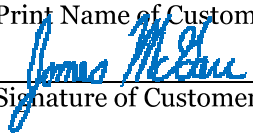
Instructions: Use the table below to determine the number of applications required. One original and one copy of the application, plus additional copies (as needed) for each affected incorporated city, county, and groundwater conservation district are required. Linear projects or large projects, which cross into multiple jurisdictions, can require additional copies. Refer to the "Texas Groundwater Conservation Districts within the EAPP Boundaries" map found at:

http://www.tceq.texas.gov/assets/public/compliance/field_ops/eapp/EAPP%20GWCD%20map.pdf

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

Austin Region			
County:	**Hays**	**Travis**	**Williamson**
Original (1 req.)	1	___	___
Region (1 req.)	1	___	___
County(ies)	1	___	___
Groundwater Conservation District(s)	X Edwards Aquifer Authority ___Barton Springs/ Edwards Aquifer ___Hays Trinity ___Plum Creek	___Barton Springs/ Edwards Aquifer	NA
City(ies) Jurisdiction	___Austin ___Buda ___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. James McGarr, P.E. Print Name of Customer/Authorized Agent
 11/14/2024 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: James McGarr, P.E.

Date: 11/21/2024

Signature of Customer/Agent:

Regulated Entity Name: Epic Communications, Inc.

Project Information

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

   Contact Person: Dwayne Griffin
   Entity: Epic Communications, Inc.
   Mailing Address: PO Box 350
   City, State: Driftwood, TX Zip: 78619
   Telephone: 512-858-2200 Fax: 512-858-2424
   Email Address: dgriffin@epiccomm.com

5. Agent/Representative (If any):

Contact Person: James McGarr, P.E.
Entity: CivilTech, PLLC
Mailing Address: PO Box 2203
City, State: Boerne, TX Zip: 78006
Telephone: 210-365-5029 Fax: _____
Email Address: jmcgarr@civiltechmc.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 _____.
☒ 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.

18131 FM 150, Driftwood, TX 78619

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

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

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

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

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

11. Existing project site conditions are noted below:

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

☐ Existing paved and/or unpaved roads
☐ Undeveloped (Cleared)
☐ Undeveloped (Undisturbed/Not cleared)
☐ Other: _____

12. The type of project is:

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

13. Total project area (size of site): 3.885 Acres

Total disturbed area: 0.38 Acres

14. Estimated projected population: 30

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	18.903.80	÷ 43,560 =	0.43
Parking	60,354.04	÷ 43,560 =	1.39
Other paved surfaces	0	÷ 43,560 =	0
Total Impervious Cover	79,257.83	÷ 43,560 =	1.82

Total Impervious Cover 1.82 **÷ Total Acreage** 3.885 **X 100 =** 46.8**% 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" = 60'.

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): FEMA FIRM 48209C0120F, Effective 9/2/2005.

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.

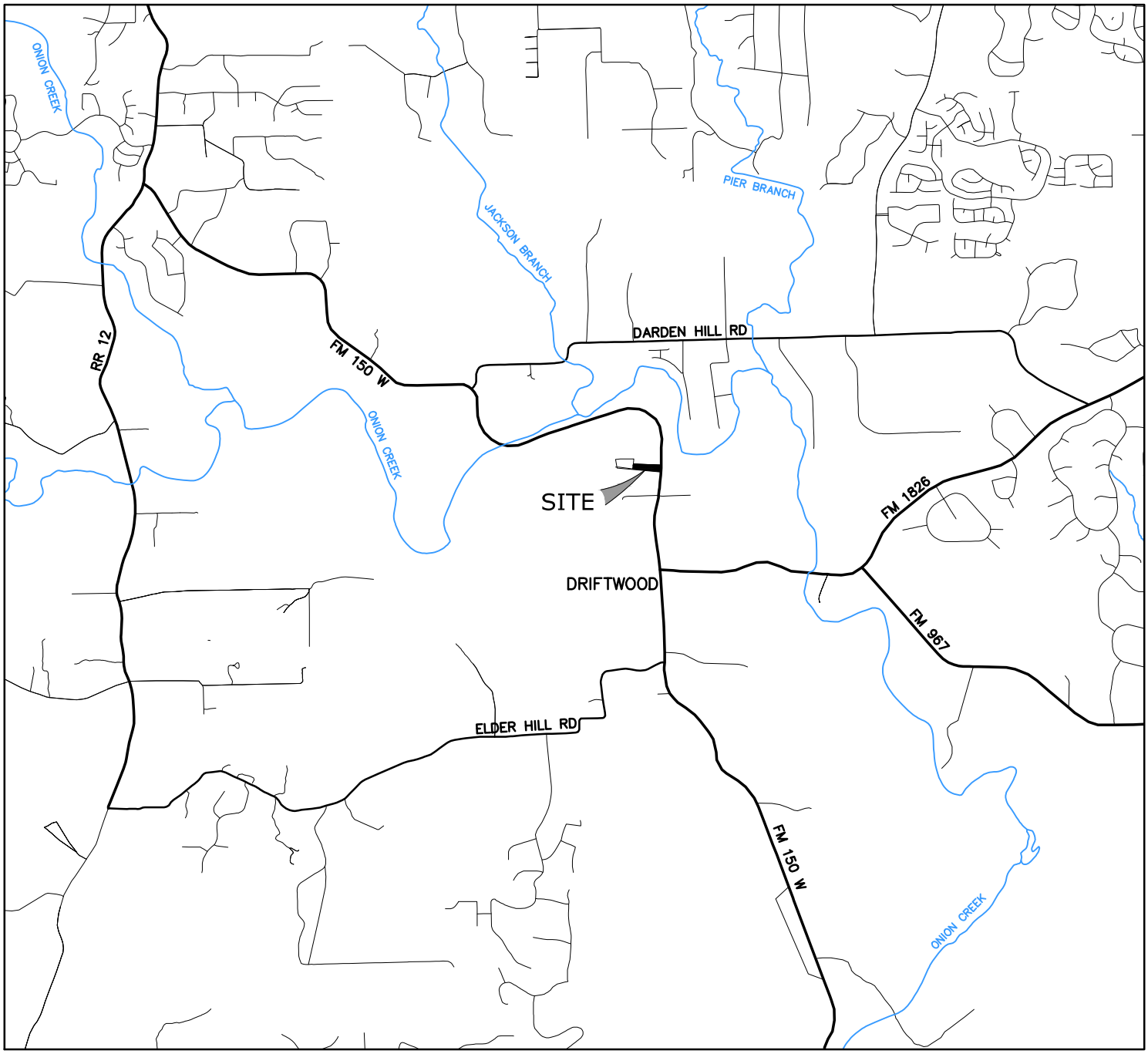
62. ☒ Any modification of this Contributing Zone Plan may require TCEQ review and Executive Director approval prior to construction, and may require submission of a revised application, with appropriate fees.

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.

ATTACHMENT A

Road Map



LOCATION MAP

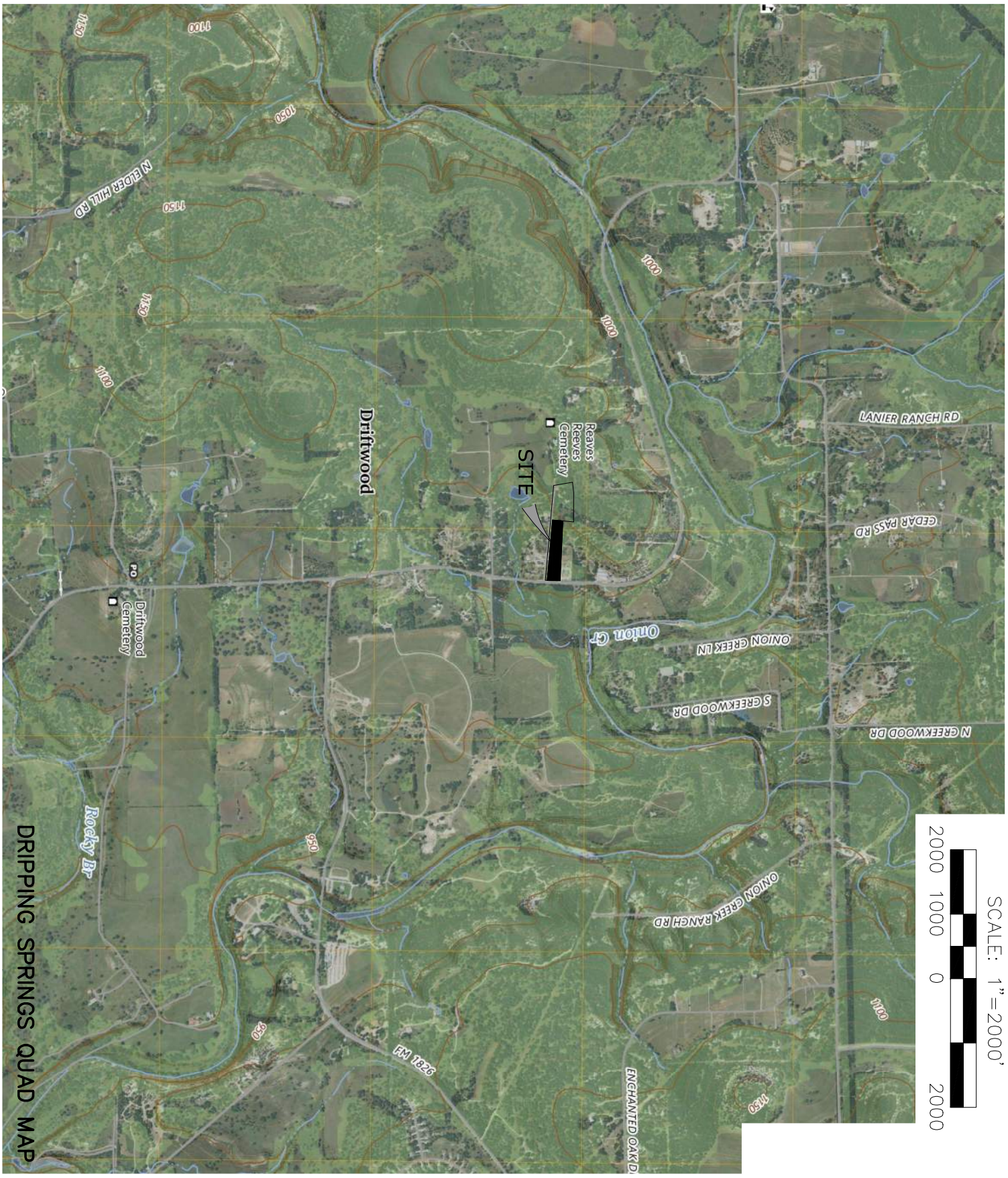
SCALE: 1" = 5000'

AXIS
CIVIL CAD SERVICES

SHEET NO.	LOCATION EXHIBIT	REVISIONS:	DATE	CIVIL TECH, PLLC.
EX1	EPIC COMMUNICATIONS, INC. 18131 FM 150 DRIFTWOOD, TEXAS 78619			ENGINEERS, CONSULTANTS, LAND PLANNERS Firm No. 13711 (210) 365-5029 P.O. BOX 2203 BOERNE, TX. 78006

ATTACHMENT B

USGS Quadrangle Map



DRIPPING SPRINGS QUAD MAP

USGS

SHEET NO.

EPIC COMMUNICATIONS, INC.
18131 FM 150
DRIFTWOOD, TEXAS 78619

ATTACHMENT B – USGS MAP

REVISIONS:

CIVIL TECH, PLLC.
ENGINEERS, CONSULTANTS, LAND PLANNERS
Firm No. 13711 (210) 365-5029 P.O. BOX 2203 BOERNE, TX. 78006

ATTACHMENT C

Project Narrative

Attachment C – Project Narrative

Area of Site – Epic Communications is 3.885 Ac tract located in the northwest corner of Reaves Road and Farm to Market (FM) 150 entirely within the Full Purpose Limits of Driftwood, Hays County, Texas. Access to the site will be from the existing driveway on FM 150.

TCEQ Compliance – Although there is a building, driveway and associated parking on this site, a CZP was not ever submitted to TCEQ. The Owner is wanting to build an additional 6,000-sf warehouse building in addition to the existing 10,000-sf building, along with a climbing tower used for training. To bring this site into compliance, this CZP includes the site before any improvements were made as existing conditions and will consider the proposed impervious cover as the existing building, drive and parking and the proposed impervious cover of the warehouse building and training tower. This is to warrant that all improvements on the site will be permitted.

Offsite Areas – The project site is bound to the east by FM 150 and to the south by Reaves Road, both having public right of way. The northern and western tract boundaries are bound by large lot commercial and large lot residential tracts, respectively.

Impervious Cover – The tract has an no existing impervious cover. The site's proposed total impervious cover will be 1.82 acres (46.8%). This will include the existing building, drive and parking as well as the proposed warehouse building and training tower.

Permanent BMP – The project's permanent BMP will be a batch detention pond. The BMP will be located on the eastern property boundary just south of the access drive.

Proposed Site Use – The tract is used as a large lot commercial tract. The proposed improvements include a 6,000-sf warehouse and training tower for the existing business, Epic Communications.

Site History/Previous Development – The site consisted of brushy grass, light tree cover, and a few trails up until any improvements were made. In 2014-2015, a 10,000-sf building was constructed along with associated parking and driveway. A CZP was not submitted to TCEQ at this time which is why these improvements are included in this application. The current use of the site is for a telecommunications contractor business.

Areas to be Demolished – There are no areas to be demoed.

ATTACHMENT D

Factors Affecting Surface Water Quality

Attachment D – Factors Affecting Surface Water Quality

The major factors that may affect water quality during construction are:

- Sediment from disturbed soil;
- Sediment from stockpiled material;
- Fluids from construction equipment;
- Trash from workers and material packaging;
- Rinse water from concrete trucks.

The major factors which may affect water quality once development is complete are:

- Automotive fluids;
- Landscape products including fertilizer and herbicides;
- Ped control products.

The temporary and permanent BMP's for this project have been designed to conform to the TCEQ Technical Guidance Manual to treat the required amount of storm water runoff as to not significantly impact water quality entering surface or groundwater.

ATTACHMENT E

Volume and Character of Stormwater

Attachment E – Volume and Character of Stormwater

The 3.885-acre project site is part of a 10.08-acre watershed. The watershed is being routed through a proposed water quality pond discharging into the ditch along FM150 right-of-way. The stormwater discharge quantities are shown in the table below.

Storm Event	Existing Discharge (cfs)	Developed Discharge (cfs)
5-yr	26.60	29.34
25-yr	38.61	42.59
100-yr	50.21	55.38

The character of storm water generated onsite will be influenced by site features that generate non-point sources of pollution. Non-point sources will include oil and grease from the pavement areas, suspended solids, sediment, nutrients from landscape care and maintenance, pesticides, and herbicides. No unusual contaminants other than those typical with a commercial development are anticipated. The nearest downstream receiving stream is identified as Onion Creek from the FEMA National Flood Hazard Layer.

ATTACHMENT F

Suitability Letter from Authorized Agent

Hays County Development Services
2171 Yarrington Road, Ste. 100, Kyle TX 78640
512-393-2150

Notice of Approval/Final Inspection
Permit #: OSSF-2021-2231

Location: 18131 W RR 150, DRIFTWOOD, TX 78619

Legal Description:

Subdivision: Driftwood Acres Lot: 2

Owner: Epic Communications, Inc. - Dwayne Griffin

Mailing Address: PO Box 350, Driftwood, TX 78619

THIS IS TO CERTIFY that the above On-site Sewage Facility meets or exceeds the basic requirements established by the Texas Commission on Environmental Quality and Hays County. License to operate this facility is hereby granted to the owner. This license simply grants permission to operate this facility; it does not guarantee its successful operation. Routine maintenance and proper functioning are the sole responsibility of the owner.

KEEP THIS LICENSE with important papers. You may need it when selling your house or if a malfunction occurs. The above referenced On-site Sewage Facility has been inspected by Hays County for compliance with the rules and based on information provided in the application, has been found to comply with the requirements of those rules.

This certification does not extend to the materials, workmanship or fabrication of the On-site Sewage Facility so as to express or imply to the owner or installer of the facility any warranty by or rights against Hays County or any of its agencies, as to the quality or durability of the facility nor compliance with the owner's individual specifications and requirements, but soley relates to the facility meeting the requirements of Hays County in effect as of this date.

This approval simply grants permission to operate this facility; it does not guarantee its successful operation. Rountine maintenance and proper functioning are the sole responsibility of the owner.

This approval remains in effect until such time as there is evidence that this facility is not operating properly and may constitute a threat to the health of the people of this county. The specified backfill should not be altered or covered in any way except for sodded grass or grass seed cover to promote evaporation and transpiration. All plumbing in the house should be kept in good repair to minimize flooding of the drainfield.

7/6/2022

Date

Troy Orman
Environmental Health Specialist
TCEQ License # OS0036753
troy.orman@co.hays.tx.us
512-393-2184

ATTACHMENT G

Alternative Secondary Containment Methods

Not Applicable

ATTACHMENT H

AST Containment Structure Drawings

Not Applicable

ATTACHMENT I

20% or Less Impervious Cover Waiver

Not Applicable

ATTACHMENT J

BMPs for Upgradient Stormwater

Attachment J – BMPs for Upgradient Stormwater

There is an area of upgradient stormwater west of the project site that drains through the existing and proposed site. There is no impervious associated with the offsite drainage area. The water will be routed through the proposed BMPs.

ATTACHMENT K

BMPs for On-site Stormwater

Attachment K – BMPs for On-Site Stormwater

A batch detention pond will be used to treat the stormwater from the subject site. The TCEQ TSS Removal Calculations Spreadsheet was used to design the proposed water quality pond. A summary of the results of the batch detention pond calculations are below.

Batch Detention Pond		
Component	**Required (CF)**	**Provided (CF)**
Water Quality Volume	7,066	7,317

ATTACHMENT L

BMPs for Surface Streams

Not Applicable

ATTACHMENT M

Construction Plans

TCEQ CONTRIBUTING ZONE PLAN

EPIC COMMUNICATIONS

18131 & 18115 FM 150
DRIFTWOOD, HAYS COUNTY, TX, 78619

NOVEMBER 2024

OWNER/DEVELOPER
EPIC COMMUNICATIONS, INC.
18131 FM 150
DRIFTWOOD, TX 78619
TEL: (512)-858-2200
CONTACT: DWAYNE GRIFFIN
EMAIL: DGRIFFIN@EPICOMM.COM

CIVIL ENGINEER | AGENT
CIVIL TECH PLLC.
P.O. BOX 2203
BOERNE, TEXAS 78006
TEL: (210) 365-5029
CONTACT: JAMES McGARR , P.E.
EMAIL: jmcgarr@civiltechmc.com

PROJECT DESCRIPTION

THIS PROJECT PROPOSES AN ADDITIONAL 6,000 SF WAREHOUSE BUILDING TO THE 8.885 ACRES SITE THAT CURRENTLY HAS AN EXISTING 10,000 SF BUILDING WITH ASSOCIATED DRIVEWAY AND PARKING INTENDED FOR COMMERCIAL USE.

SITE DATA TABLE

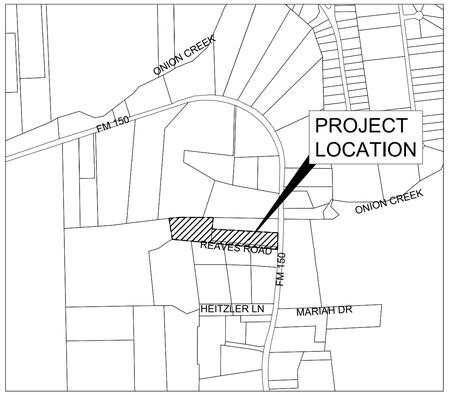
PARCEL TAX ID #:	R113888 & R113889
ACREAGE:	3.885 & 5.000 ACRES
LEGAL DESCRIPTION (SUBDIVISION/SURVEY NAME):	DRIFTWOOD ACRES, LOT 2 (3.885 ACRES) & LOT 3 (5.00 ACRES). PER PLAT RECORD WITHIN HAYS COUNTY PUBLIC DOC. VOL. 12, PG. 105.
ZONING DISTRICT	N/A
OVERLAY DISTRICT(S):	N/A
WATERSHED:	ONION CREEK WATERSHED
CONSTRUCTION TYPE:	COMMERCIAL / WAREHOUSE BUILDING
PROPOSED USE:	COMMERCIAL

GENERAL NOTES:

1. UTILITIES ARE LOCATED IN AN APPROXIMATE MANNER ONLY. CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
2. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES.
3. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE TO EXISTING PUBLIC OR PRIVATE UTILITY LINES, INCLUDING BUT NOT LIMITED TO WATER LINES, WASTEWATER COLLECTION SYSTEMS, AND STORM SEWERS DURING CONSTRUCTION. ALL DAMAGES SHALL BE REPAIRED IN ACCORDANCE WITH CITY OF BUDA ENGINEERING STANDARD CONSTRUCTION SPECIFICATIONS WITH LATEST ADDENDA AND AMENDMENTS THERETO, WITH NO COST TO THE PUBLIC.
4. CONTRACTOR TO CONFORM TO ALL REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION RULES REGARDING TRENCH SAFETY.
5. CONTRACTOR TO FOLLOW CONSTRUCTION DETAILS IF DRAWINGS DEVIATE FROM CITY OF DRIFTWOOD, HAYS COUNTY.
6. SIGNS WILL BE APPROVED UNDER A SEPARATE PERMIT.
7. NO PORTION OF THIS SITE LIES WITHIN THE EDWARDS AQUIFER RECHARGE ZONE. THIS SITE DOES HOWEVER LIE WITHIN THE BOUNDARIES OF THE CONTRIBUTING ZONE.

FLOOD PLAIN INFORMATION

NO PORTION OF THE PROPERTY IS LOCATED WITHIN THE FEMA DEFINED 100-YR FLOODPLAIN. FIRM MAP PANEL No. 48209C0120F, HAVING AN EFFECTIVE DATE OF SEPTEMBER 2, 2005 FOR HAYS COUNTY, TEXAS.



VICINITY MAP
SCALE: 1" = 1000'

SUBMITTAL DATE:

NOVEMBER 22, 2024

RELATED CASE NUMBERS:

TAX I.D NO: R113888 & R113889

SHEET INDEX

ENGINEER'S CERTIFICATION:

I, JAMES MCGARR, AM AUTHORIZED UNDER THE LAWS OF THE STATE OF TEXAS TO PRACTICE THE PROFESSION OF ENGINEERING AND HEREBY CERTIFY THAT THIS PLAN IS FEASIBLE FROM AN ENGINEERING STANDPOINT AND COMPLIES WITH THE ENGINEERING RELATED PORTIONS OF TITLE 30 OF THE CITY OF AUSTIN LAND DEVELOPMENT CODE, AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

REVISIONS / CORRECTIONS

NO	DESCRIPTION	SHEETS IN PLAN SET	NET CHANGE IMP. COVER (sq. ft.)	TOTAL SITE IMP. COVER (sq. ft.)/%	HAYS COUNTY APPROVAL DATE	DATE IMAGED

CIVIL TECH, PLLC.
ENGINEERS, CONSULTANTS, LAND PLANNERS
Firm No. 13711 (210) 365-5029
P.O. BOX 2203 BOERNE, TX. 78006

STATE OF TEXAS
JAMES P. McGARR
108753
LICENSED
PROFESSIONAL ENGINEER
11/19/2024

DATE

REVISIONS:

EPIC COMMUNICATION, INC.
18131 FM 150
DRIFTWOOD, TEXAS 78619
COVER SHEET AND SHEET INDEX

SHEET NO.
C0.0

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
CONTRIBUTING ZONE PLAN
GENERAL CONSTRUCTION NOTES

EDWARDS AQUIFER PROTECTION PROGRAM CONSTRUCTION NOTES - LEGAL DISCLAIMER

THE FOLLOWING/LISTED “CONSTRUCTION NOTES” ARE INTENDED TO BE ADVISORY IN NATURE ONLY AND DO NOT CONSTITUTE AN APPROVAL OR CONDITIONAL APPROVAL BY THE EXECUTIVE DIRECTOR (ED), NOR DO THEY CONSTITUTE A COMPREHENSIVE LISTING OF RULES OR CONDITIONS TO BE FOLLOWED DURING CONSTRUCTION. FURTHER ACTIONS MAY BE REQUIRED TO ACHIEVE COMPLIANCE WITH TCEQ REGULATIONS FOUND IN TITLE 30, TEXAS ADMINISTRATIVE CODE (TAC), CHAPTERS 213 AND 217, AS WELL AS LOCAL ORDINANCES AND REGULATIONS PROVIDING FOR THE PROTECTION OF WATER QUALITY. ADDITIONALLY, NOTHING CONTAINED IN THE FOLLOWING/LISTED “CONSTRUCTION NOTES” RESTRICTS THE POWERS OF THE ED, THE COMMISSION OR ANY OTHER GOVERNMENTAL ENTITY TO PREVENT, CORRECT, OR CURTAIL ACTIVITIES THAT RESULT OR MAY RESULT IN POLLUTION OF THE EDWARDS AQUIFER OR HYDROLOGICALLY CONNECTED SURFACE WATERS. THE HOLDER OF ANY EDWARDS AQUIFER PROTECTION PLAN CONTAINING “CONSTRUCTION NOTES” IS STILL RESPONSIBLE FOR COMPLIANCE WITH TITLE 30, TAC, CHAPTERS 213 OR ANY OTHER APPLICABLE TCEQ REGULATION, AS WELL AS ALL CONDITIONS OF AN EDWARDS AQUIFER PROTECTION PLAN THROUGH ALL PHASES OF PLAN IMPLEMENTATION. FAILURE TO COMPLY WITH ANY CONDITION OF THE ED'S APPROVAL, WHETHER OR NOT IN CONTRADICTION OF ANY “CONSTRUCTION NOTES,” IS A VIOLATION OF TCEQ REGULATIONS AND ANY VIOLATION IS SUBJECT TO ADMINISTRATIVE RULES, ORDERS, AND PENALTIES AS PROVIDED UNDER TITLE 30, TAC § 213.10 (RELATING TO ENFORCEMENT). SUCH VIOLATIONS MAY ALSO BE SUBJECT TO CIVIL PENALTIES AND INJUNCTION. THE FOLLOWING/LISTED “CONSTRUCTION NOTES” IN NO WAY REPRESENT AN APPROVED EXCEPTION BY THE ED TO ANY PART OF TITLE 30 TAC, CHAPTERS 213 AND 217, OR ANY OTHER TCEQ APPLICABLE REGULATION

1. A WRITTEN NOTICE OF CONSTRUCTION MUST BE SUBMITTED TO THE TCEQ REGIONAL OFFICE AT LEAST 48 HOURS PRIOR TO THE START OF ANY GROUND DISTURBANCE OR CONSTRUCTION ACTIVITIES. THIS NOTICE MUST INCLUDE:
   - THE NAME OF THE APPROVED PROJECT;
   - THE ACTIVITY START DATE; AND
   - THE CONTACT INFORMATION OF THE PRIME CONTRACTOR.
2. ALL CONTRACTORS CONDUCTING REGULATED ACTIVITIES ASSOCIATED WITH THIS PROJECT SHOULD BE PROVIDED WITH COMPLETE COPIES OF THE APPROVED CONTRIBUTING ZONE PLAN (CZP) AND THE TCEQ LETTER INDICATING THE SPECIFIC CONDITIONS OF ITS APPROVAL. DURING THE COURSE OF THESE REGULATED ACTIVITIES, THE CONTRACTOR(S) SHOULD KEEP COPIES OF THE APPROVED PLAN AND APPROVAL LETTER ON-SITE.
3. NO HAZARDOUS SUBSTANCE STORAGE TANK SHALL BE INSTALLED WITHIN 150 FEET OF A WATER SUPPLY SOURCE, DISTRIBUTION SYSTEM, WELL, OR SENSITIVE FEATURE.
4. PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITY, ALL TEMPORARY EROSION AND SEDIMENTATION (E&S) CONTROL MEASURES MUST BE PROPERLY INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS. IF INSPECTIONS INDICATE A CONTROL HAS BEEN USED INAPPROPRIATELY, OR INCORRECTLY, THE APPLICANT MUST REPLACE OR MODIFY THE CONTROL FOR SITE SITUATIONS. THESE CONTROLS MUST REMAIN IN PLACE UNTIL THE DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED.
5. ANY SEDIMENT THAT ESCAPES THE CONSTRUCTION SITE MUST BE COLLECTED AND PROPERLY DISPOSED OF BEFORE THE NEXT RAIN EVENT TO ENSURE IT IS NOT WASHED INTO SURFACE STREAMS, SENSITIVE FEATURES, ETC.
6. SEDIMENT MUST BE REMOVED FROM THE SEDIMENT TRAPS OR SEDIMENTATION BASINS WHEN IT OCCUPIES 50% OF THE BASIN'S DESIGN CAPACITY.
7. LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS EXPOSED TO STORMWATER SHALL BE PREVENTED FROM BEING DISCHARGED OFFSITE.
8. ALL EXCAVATED MATERIAL THAT WILL BE STORED ON-SITE MUST HAVE PROPER E&S CONTROLS.
9. IF PORTIONS OF THE SITE WILL HAVE A CEASE IN CONSTRUCTION ACTIVITY LASTING LONGER THAN 14 DAYS, SOIL STABILIZATION IN THOSE AREAS SHALL BE INITIATED AS SOON AS POSSIBLE PRIOR TO THE 14TH DAY OF INACTIVITY. IF ACTIVITY WILL RESUME PRIOR TO THE 21ST DAY, STABILIZATION MEASURES ARE NOT REQUIRED. IF DROUGHT CONDITIONS OR INCLEMENT WEATHER PREVENT ACTION BY THE 14TH DAY, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS POSSIBLE.
10. THE FOLLOWING RECORDS SHOULD BE MAINTAINED AND MADE AVAILABLE TO THE TCEQ UPON REQUEST:
    - THE DATES WHEN MAJOR GRADING ACTIVITIES OCCUR;
    - THE DATES WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE; AND
    - THE DATES WHEN STABILIZATION MEASURES ARE INITIATED.
11. THE HOLDER OF ANY APPROVED CZP MUST NOTIFY THE APPROPRIATE REGIONAL OFFICE IN WRITING AND OBTAIN APPROVAL FROM THE EXECUTIVE DIRECTOR PRIOR TO INITIATING ANY OF THE FOLLOWING:
    - A. ANY PHYSICAL OR OPERATIONAL MODIFICATION OF ANY BEST MANAGEMENT PRACTICES (BMPS) OR STRUCTURE(S), INCLUDING BUT NOT LIMITED TO TEMPORARY OR PERMANENT PONDS, DAMS, BERMS, SILT FENCES, AND DIVERSIONARY STRUCTURES;
    - B. ANY CHANGE IN THE NATURE OR CHARACTER OF THE REGULATED ACTIVITY FROM THAT WHICH WAS ORIGINALLY APPROVED;
    - C. ANY CHANGE THAT WOULD SIGNIFICANTLY IMPACT THE ABILITY TO PREVENT POLLUTION OF THE EDWARDS AQUIFER; OR
    - D. ANY DEVELOPMENT OF LAND PREVIOUSLY IDENTIFIED AS UNDEVELOPED IN THE APPROVED CONTRIBUTING ZONE PLAN.

AUSTIN REGIONAL OFFICE
12100 PARK 35 CIRCLE, BUILDING A
AUSTIN, TEXAS 78753-1808
PHONE (512) 339-2929
FAX (512) 339-3795

SAN ANTONIO REGIONAL OFFICE
14250 JUDSON ROAD
SAN ANTONIO, TEXAS 78233-4480
PHONE (210) 490-3096
FAX (210) 545-4329

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

CIVIL SYMBOLS LEGEND

- UTILITY POLE
- STREET LIGHT
- GUY WIRE
- FH — FIRE HYDRANT
- WV — WATER VALVE
- WM — WATER METER
- ×XXXX.XX — SPOT ELEV.
- TOP / H:V / BOTTOM — STEEP SLOPE
- MONUMENT
- SS — SEWER MANHOLE
- CO — SEWER CLEANOUT
- MW-X — MONITORING WELL
- SD — STORM DRAIN MANHOLE
- EM — ELECTRICAL MANHOLE
- COMM — COMMUNICATIONS MANHOLE
- COMJB — COMMUNICATIONS JUNCTION BOX
- MB — MAIL BOX
- B-X — BORING
- FLOW ARROW
- SIGN

CIVIL ABBREVIATIONS

BC	BACK OF CURB
SC	SLAB CORNER
TC	TANK CENTER
FC	FENCE CORNER
SWC	SIDEWALK CORNER
MEG	MATCH EXISTING GRADE
3 / G003	DETAIL NUMBER / SHEET DETAIL IS LOCATED

CIVIL LEGEND

NEW

- STORM SEWER
- SS — SANITARY SEWER
- FM — SANITARY SEWER (FORCE MAIN)
- W — WATER
- ASPHALT
- GRAVEL
- ROAD CENTERLINE
- BUILDING OUTLINE
- xx — FENCE
- STRIPING - PARKING
- CURB & GUTTER
- SF — SEDIMENT CONTROL FENCE
- FLOOD HAZARD AREA
- PROPERTY LINE
- RIGHT OF WAY LINE (R-O-W)
- LIMITS OF CONSTRUCTION
- EASEMENT
- 130 — PROPOSED CONTOUR MAJOR
- 129 — PROPOSED CONTOUR MINOR (LABEL OPTIONAL)
- PAVED SURFACE
- CONCRETE
- GRAVEL SHOULDER

EXISTING

- OTV — CATV - OVERHEAD
- UTV — CATV - UNDERGROUND
- OT — COMM - OVERHEAD
- UGC — COMM - UNDERGROUND
- UGG — GAS
- OHU — ELECTRIC - OVERHEAD
- UGE — ELECTRIC - UNDERGROUND
- FO — FIBER OPTIC
- SS — SANITARY SEWER
- UGSD — STORM SEWER
- W — WATER
- RW — RAW WATER
- ASPHALT
- GRAVEL
- x — FENCING
- 130 — CONTOUR MAJOR
- 129 — CONTOUR MINOR

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Firm No. 13711 (210) 365-5029
P.O. BOX 2203 BOERNE, TX. 78006

STATE OF TEXAS
JAMES P. McGARR
108753
LICENSED
PROFESSIONAL ENGINEER
11/19/2024

DATE

REVISIONS:

EPIC COMMUNICATION, INC.

18131 FM 150
DRIFTWOOD, TEXAS 78619

TCEQ NOTES AND LEGEND

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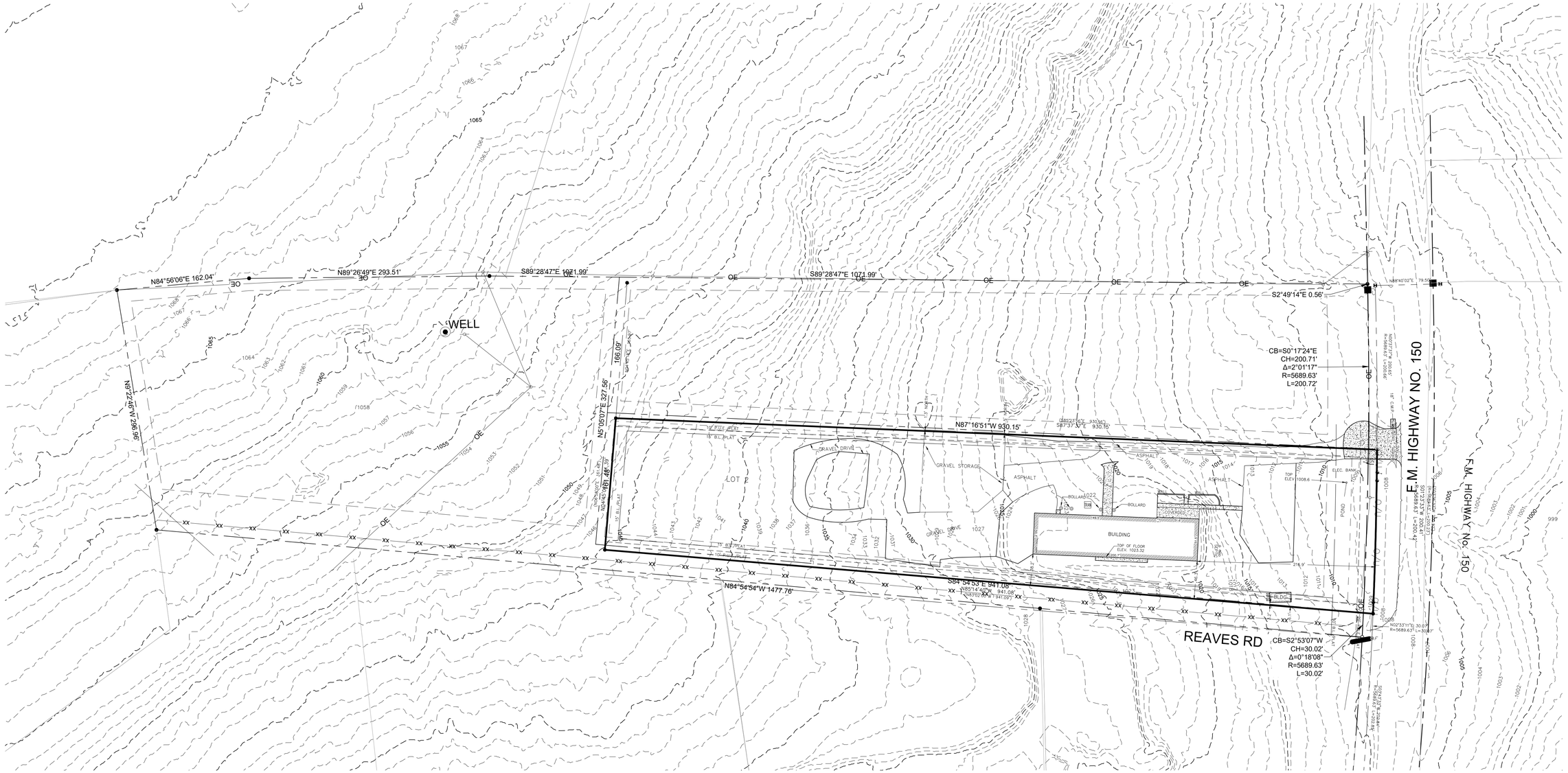

LEGEND

EXISTING

- 535 / 534 — MAJOR CONTOUR / MINOR CONTOUR
- PROPERTY BOUNDARY
- PROPERTY LINE
- RIGHT OF WAY LINE
- EASEMENT LINE
- EDGE OF DIRT ROAD
- xx xx — FENCE LINE
- OE — OVERHEAD POWER LINE
- POWER POLE
- ASPHALT
- GRAVEL
- BUILDING
- COMPACTED GRAVEL
- ASPHALT PAVEMENT

LEGAL DESCRIPTION

DRIFTWOOD ACRES, LOT 2 (3.885 ACRES) & LOT 3 (5.00 ACRES). PER PLAT RECORD WITHIN HAYS COUNTY PUBLIC DOC. VOL. 12, PG. 105.

FLOOD PLAIN INFORMATION

NO PORTION OF THE PROPERTY IS LOCATED WITHIN THE FEMA DEFINED 100-YR FLOODPLAIN. FIRM MAP PANEL No. 48209C0120F, HAVING AN EFFECTIVE DATE OF SEPTEMBER 2, 2005 FOR HAYS COUNTY, TEXAS.

WATERSHED

THE SUBJECT PROPERTY IS LOCATED ENTIRELY WITHIN THE ONION CREEK WATERSHED. THE SUBJECT SITE IS NOT LOCATED WITHIN THE EDWARDS AQUIFER RECHARGE ZONE, BUT DOES HOWEVER LIE WITHIN THE BOUNDARIES OF THE CONTRIBUTING ZONE.

BEARING BASIS

ALL BEARINGS ARE BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM, GRID NORTH, CENTRAL ZONE, (4203), NAD83, ALL DISTANCES WERE ADJUSTED TO SURFACE USING A COMBINED SCALE FACTOR OF 1.000080460555

NOTES:

1. ONLY VISIBLE IMPROVEMENTS & UTILITIES WERE PROVIDED FROM SURVEY (THE SURVEYOR/ENGINEER HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES, SOME OF WHICH MAY NOT BE SHOWN, COULD IMPACT CONSTRUCTION MEANS AND METHODS. CONTRACTOR TO VERIFY ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY PRIOR TO BID & CONSTRUCTION, AND SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES. THE CONTRACTOR IS TO CONTACT THE AUSTIN AREA "ONE CALL" SYSTEM @811, OR THE OWNER OF EACH INDIVIDUAL UTILITY FOR ASSISTANCE IN DETERMINING EXISTING UTILITY LOCATIONS.

SCALE: 1"=60'

60 30 0 60

CAUTION:
CONTRACTOR TO VERITY ALL EXISTING UTILITIES VERTICAL AND HORIZONTALLY PRIOR TO CONSTRUCTION. CONTRACTOR TO NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

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STATE OF TEXAS
JAMES P. McGARR
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11/19/2024

DATE

REVISIONS:

EPIC COMMUNICATION, INC.

18131 FM 150
DRIFTWOOD, TEXAS 78619

EXISTING CONDITIONS

SHEET NO.
C1.0

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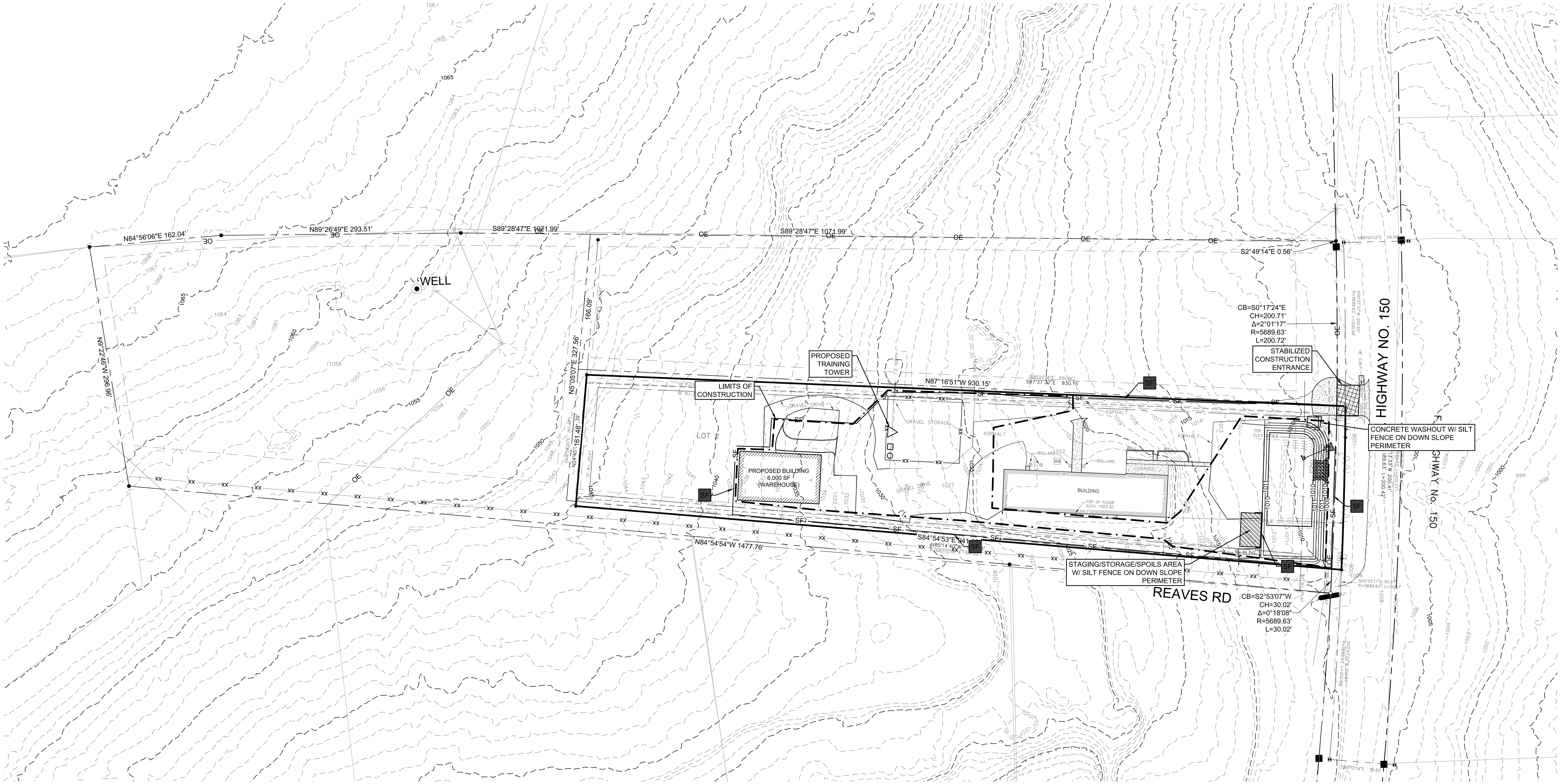


LEGEND

EXISTING

- 535 — MAJOR CONTOUR
- 534 — MINOR CONTOUR
- PROPERTY BOUNDARY
- PROPERTY LINE
- RIGHT OF WAY LINE
- EASEMENT LINE
- EDGE OF DIRT ROAD
- XX — FENCE LINE
- OE — OVERHEAD POWER LINE
- POWER POLE
- ASPHALT
- GRAVEL
- BUILDING
- COMPACTED GRAVEL
- ASPHALT PAVEMENT

PROPOSED

- 535 — MAJOR CONTOUR
- 534 — MINOR CONTOUR
- EDGE OF PAVEMENT
- EDGE OF CONCRETE
- EDGE OF PATH
- LIMITS OF CONSTRUCTION
- SF — SILT FENCE
- TP — TREE PROTECTION
- BUILDING
- CONCRETE WASHOUT AREA
- STAGING/STORAGE/SPOILS AREA
- STABILIZED CONSTRUCTION ENTRANCE

NOTES:

1. ALL ITEM ARE TO BE FURNISHED & INSTALLED BY CONTRACTOR. REFERENCE CONSTRUCTION DETAILS SHEETS FOR ADDITIONAL INFORMATION.
2. ALL SITE DIMENSIONS ARE TO THE FACE OF CURB, EDGE OF ROAD, CENTER OF STRIPING, AND PROPERTY LINE UNLESS OTHERWISE NOTED.
3. LIMITS OF CONSTRUCTION ARE SHOWN ON THE EROSION & SEDIMENTATION CONTROL PLAN(S).
4. CONTRACTOR TO REPAIR AND/OR REPLACE ALL DAMAGED PAVEMENT, SIDEWALKS AND CURBS AROUND THE SITE IN ACCORDANCE WITH THE CITY OF AUSTIN STANDARD DETAILS AND SPECIFICATIONS.
5. CONTRACTOR SHALL CLEAN UP SPOILS THAT MIGRATE INTO EXISTING RIGHT-OF-WAY A MINIMUM OF ONCE PER DAY.
6. ALL STORM WATER LEAVING THE SITE DURING CONSTRUCTION ACTIVITIES MUST PASS THROUGH THE SILT FENCE OR ROCK BERMS.
7. IF DISTURBED AREA IS NOT TO BE WORKED ON FOR MORE THAN 14 DAYS, DISTURBED AREA NEEDS TO BE STABILIZED BY REVEGETATION, MULCH, TARP OR REVEGETATION MATTING.

SCALE: 1"=60'
60 30 0 60

CAUTION:
CONTRACTOR TO VERITY ALL EXISTING UTILITIES VERTICAL AND HORIZONTALLY PRIOR TO CONSTRUCTION. CONTRACTOR TO NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

CIVIL TECH, PLLC.
ENGINEERS, CONSULTANTS, LAND PLANNERS
Firm No. 13711 (210) 365-5029
P.O. BOX 2203 BOERNE, TX. 78006

STATE OF TEXAS
JAMES P. McGARR
108753
LICENSED PROFESSIONAL ENGINEER
11/19/2024

DATE

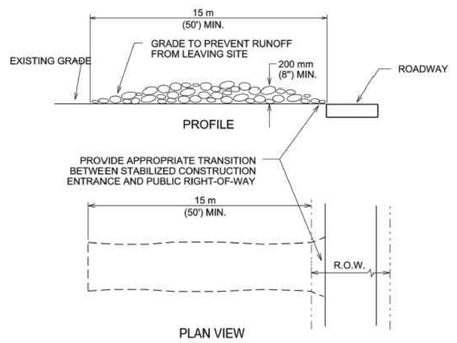
REVISIONS:

EPIC COMMUNICATION, INC.

18131 FM 150
DRIFTWOOD, TEXAS 78619

EROSION AND SEDIMENTATION CONTROL PLAN

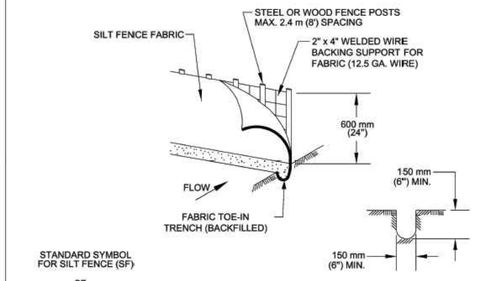
SHEET NO.
C2.0



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		STABILIZED CONSTRUCTION ENTRANCE	
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



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.

CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT		SILT FENCE	
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

Table 1.4.5.G.1: Maximum spacing between silt fences on slopes		
Slope	Spacing Interval (ft)	Max. Drainage Area (sf)
100:1 to 50:1 (1-2%)	500	25,000
50:1 to 30:1 (2-3.3%)	250	15,000
30:1 to 25:1 (3.3-4%)	150	12,000
25:1 to 20:1 (4-5%)	120	10,000
20:1 to 10:1 (5-10%)	100	5,000
10:1 to 5:1 (10-20%)	50	2,500
5:1 to 2:1 (20-50%)	10	1,000

SILT FENCE SPACING TABLE

TABLE 1. Silt Fence Fabric Requirements		
Physical Properties	Method	Requirements
Fabric Weight in ounces per square yard (grams/square meter)	TEX-616-J[1]	5.0 minimum (150 minimum)
Equivalent Sieve Opening Size: US Standard (SI Standard sieve size)	CW-02215[2]	40 to 100 (425 to 150 µm)
Mullen Burst Strength: lbs. per sq. inch (psi) megaPascal (mPa)	ASTM D-3786[3]	280 minimum (1.9 minimum)
Ultraviolet Resistance; % Strength Retention	ASTM D-1682[4]	70 minimum

[1] TxDoT Test Method Tex-616-J, "Testing of Construction Fabrics".
[2] US Army Corps of Engineers Civil Works Construction Guide Specification CW-02215, "Plastic Filter Fabric".
[3] ASTM D-3786, " Test Method for Hydraulic Bursting Strength of Knitting Goods and Nonwoven Fabrics: Diaphragm Bursting Strength Tester Method".
[4] ASTM D-1682, "Test Methods for Breaking Load and Elongation of Textile Fabrics ".

SILT FENCE FABRIC REQUIREMENTS

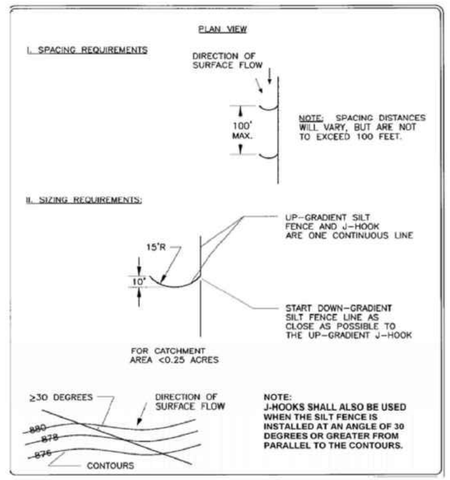
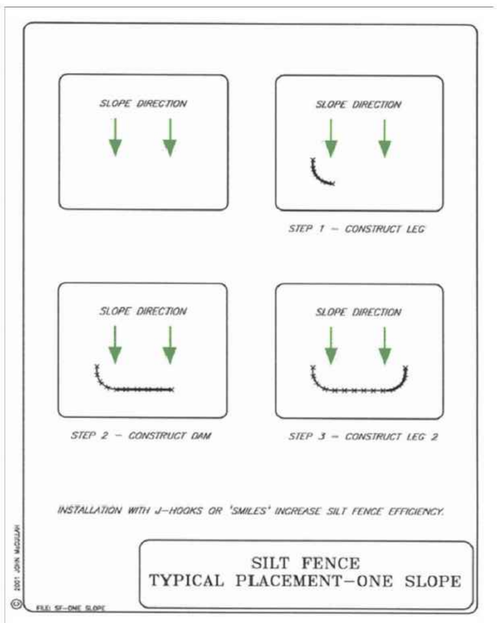


FIGURE 1.4.5.G.4 SILT FENCE J - HOOK DETAILS



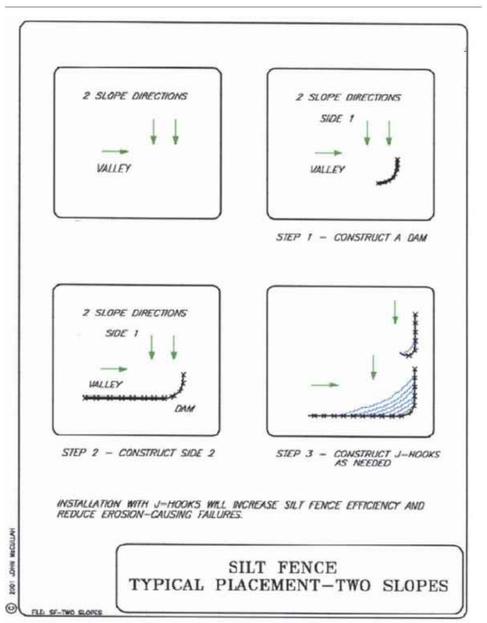
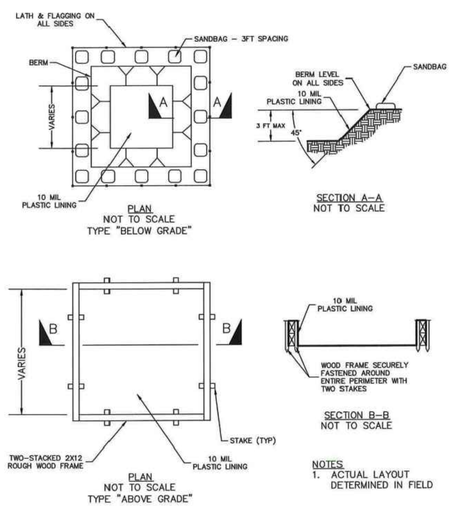


FIGURE 1.4.5.G.3 SILT FENCE PLACEMENT FOR PERIMETER CONTROL



CONCRETE WASHOUT DETAIL

CIVIL TECH, PLLC.
ENGINEERS, CONSULTANTS, LAND PLANNERS
Firm No. 13711 (210) 365-5029
P.O. BOX 2203 BOERNE, TX. 78006

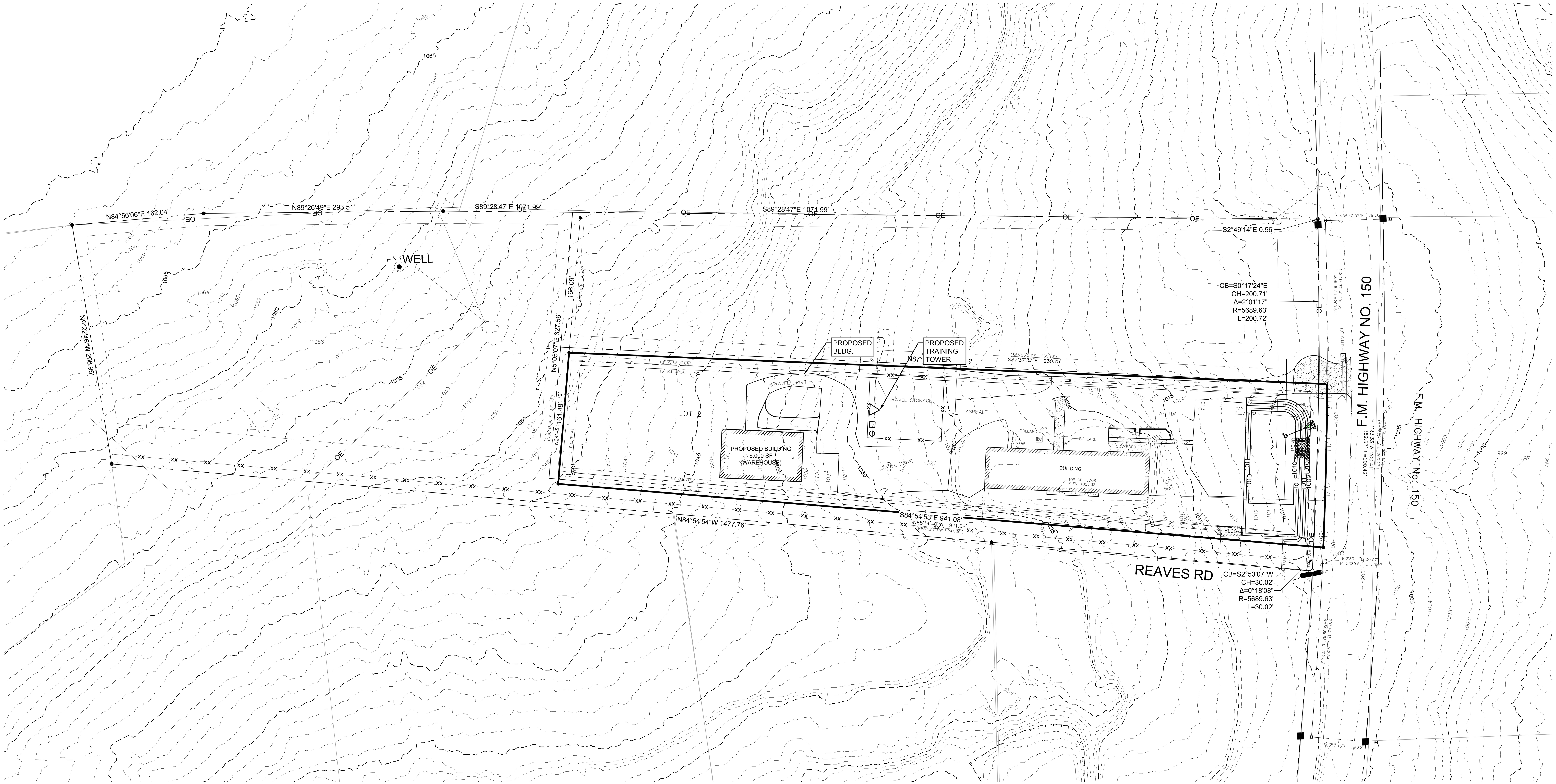
STATE OF TEXAS
JAMES P. McGARR
108753
LICENSED
PROFESSIONAL ENGINEER
11/19/2024

DATE
REVISIONS:

EPIC COMMUNICATION, INC.
18131 FM 150
DRIFTWOOD, TEXAS 78619

EROSION AND SEDIMENTATION CONTROL DETAILS

SHEET NO.
C2.1



LEGEND

EXISTING

- 535 — MAJOR CONTOUR
- 534 — MINOR CONTOUR
- PROPERTY BOUNDARY
- PROPERTY LINE
- RIGHT OF WAY LINE
- EASEMENT LINE
- EDGE OF DIRT ROAD
- xx — FENCE LINE
- OE — OVERHEAD POWER LINE
- POWER POLE
- ASPHALT
- GRAVEL
- BUILDING
- COMPACTED GRAVEL
- ASPHALT PAVEMENT

PROPOSED

- 535 — MAJOR CONTOUR
- 534 — MINOR CONTOUR
- EDGE OF PAVEMENT
- EDGE OF CONCRETE
- EDGE OF PATH
- LIMITS OF CONSTRUCTION
- BUILDING

NOTES:

1. ALL ITEM ARE TO BE FURNISHED & INSTALLED BY CONTRACTOR. REFERENCE CONSTRUCTION DETAILS SHEETS FOR ADDITIONAL INFORMATION.
2. ALL SITE DIMENSIONS ARE TO THE FACE OF CURB, EDGE OF ROAD, CENTER OF STRIPING, AND PROPERTY LINE UNLESS OTHERWISE NOTED.
3. LIMITS OF CONSTRUCTION ARE SHOWN ON THE EROSION & SEDIMENTATION CONTROL PLAN(S).
4. REFER TO THE GENERAL NOTES SHEET FOR ADDITIONAL SITE NOTES.
5. CONTRACTOR TO REPAIR AND/OR REPLACE ALL DAMAGED PAVEMENT, SIDEWALKS AND CURBS AROUND THE SITE IN ACCORDANCE WITH THE CITY OF AUSTIN STANDARD DETAILS AND SPECIFICATIONS.

SCALE: 1"=60'

60 30 0 60

CAUTION:
CONTRACTOR TO VERITY ALL EXISTING UTILITIES VERTICAL AND HORIZONTALLY PRIOR TO CONSTRUCTION. CONTRACTOR TO NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

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Firm No. 13711 (210) 365-5029
P.O. BOX 2203 BOERNE, TX. 78006

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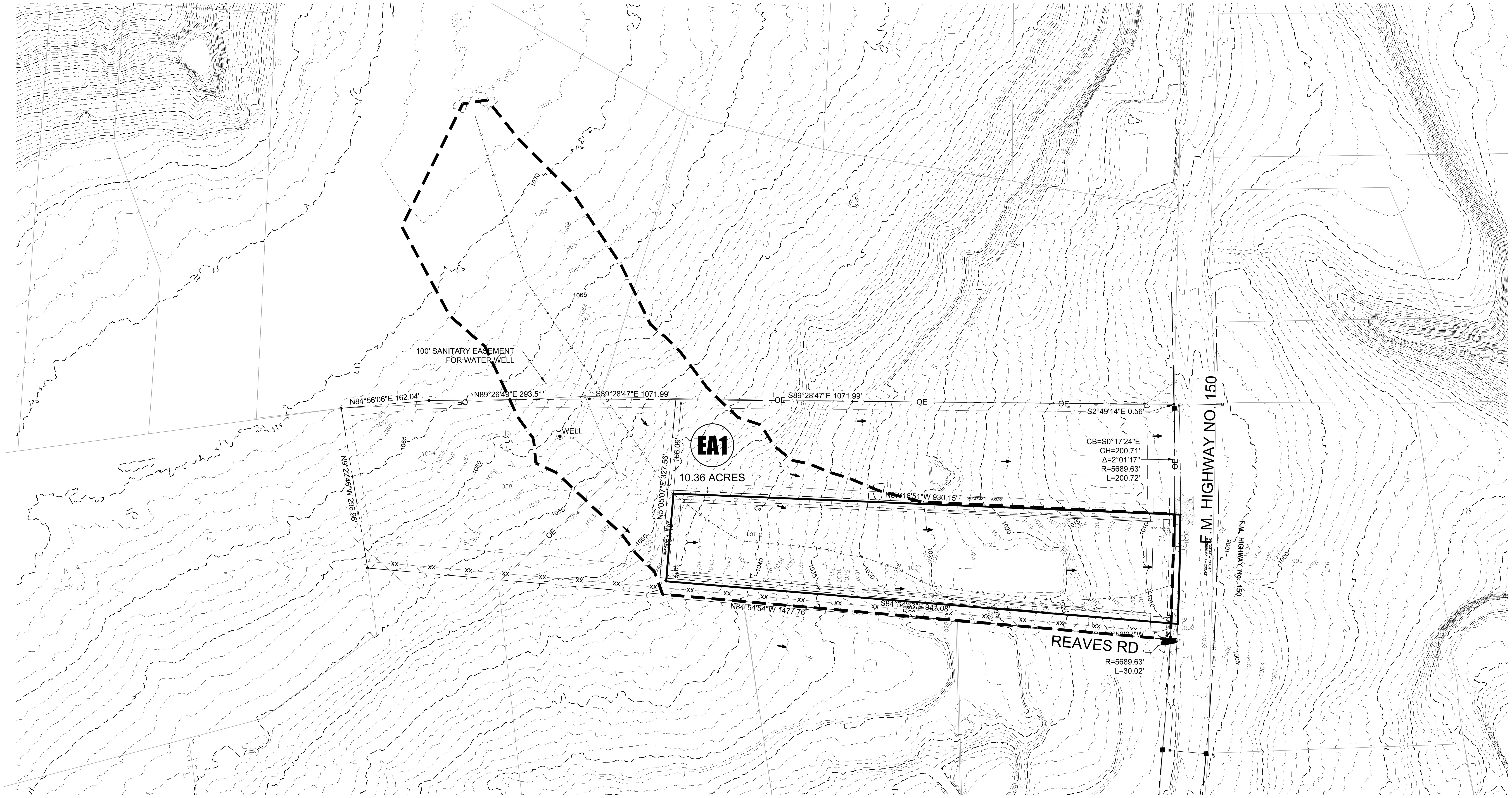
DRIFTWOOD, TEXAS 78619

OVERALL SITE PLAN

SHEET NO.
C3.0



CAUTION:
CONTRACTOR TO VERITY ALL EXISTING UTILITIES VERTICAL AND HORIZONTALLY PRIOR TO CONSTRUCTION. CONTRACTOR TO NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

SCALE: 1"=100'
100 50 0 100

LEGEND

EXISTING
- 535 MAJOR CONTOUR
- 534 MINOR CONTOUR
- PROPERTY BOUNDARY
- PROPERTY LINE
- RIGHT OF WAY LINE
- EASEMENT LINE
- EDGE OF DIRT ROAD
- xx FENCE LINE
- ASPHALT
- GRAVEL
- BUILDING
- COMPACTED GRAVEL
- ASPHALT PAVEMENT

PROPOSED
- 535 MAJOR CONTOUR
- 534 MINOR CONTOUR
- EDGE OF PAVEMENT
- EDGE OF CONCRETE
- EDGE OF PATH
- LIMITS OF CONSTRUCTION
- BUILDING
- DRAINAGE AREA BOUNDARY
- FLOW DIRECTION ARROW
- T.C FLOW PATH

CIVIL TECH, PLLC.
ENGINEERS, CONSULTANTS, LAND PLANNERS
Firm No. 13711 (210) 365-5029
P.O. BOX 2203 BOERNE, TX. 78006

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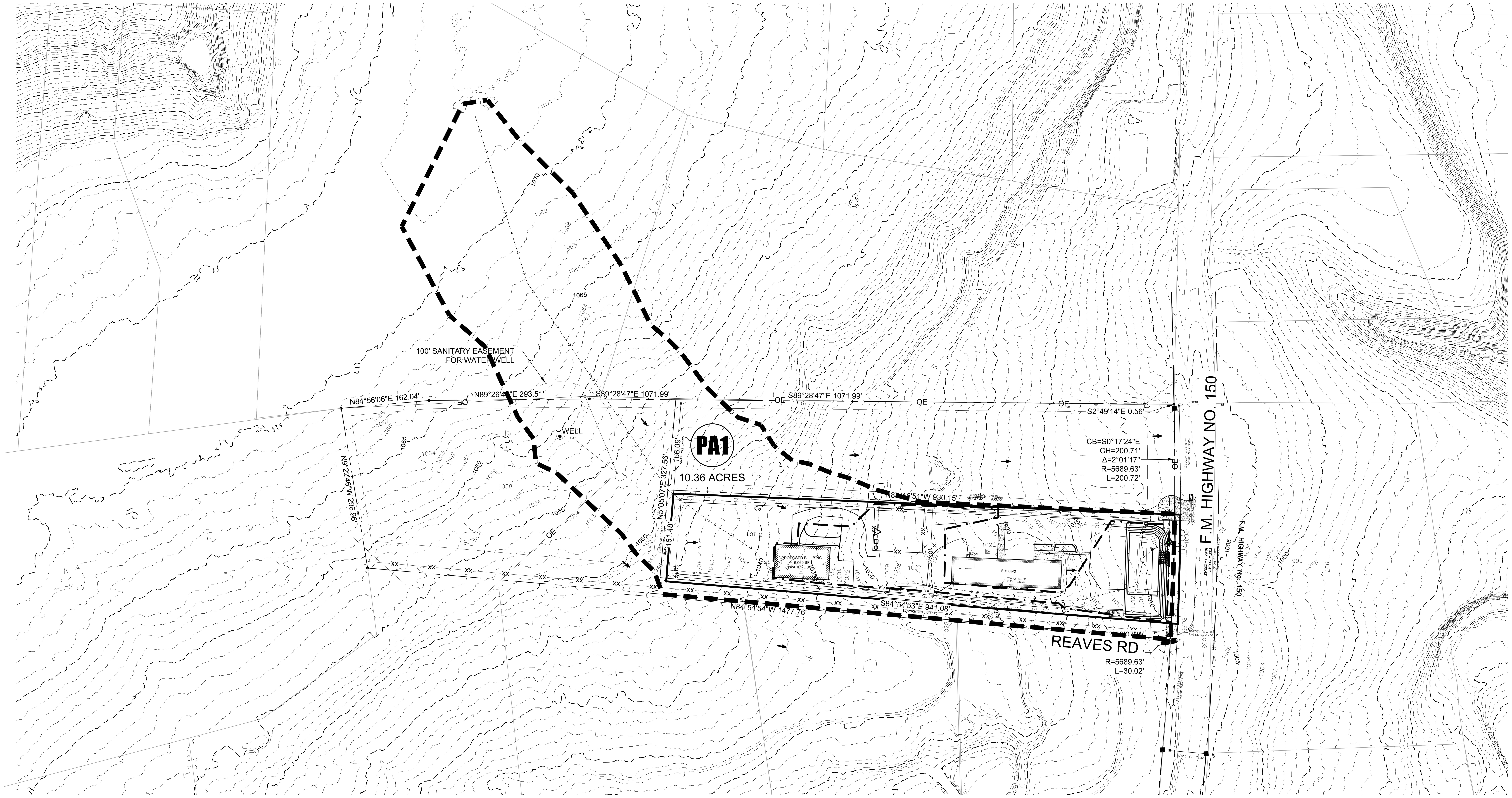
EXISTING DRAINAGE AREA MAP

SHEET NO.
C4.0



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SCALE: 1"=100'
100 50 0 100

LEGEND

EXISTING

- 535 MAJOR CONTOUR
- 534 MINOR CONTOUR
- PROPERTY BOUNDARY
- PROPERTY LINE
- RIGHT OF WAY LINE
- EASEMENT LINE
- EDGE OF DIRT ROAD
- xx FENCE LINE
- ASPHALT
- GRAVEL
- BUILDING
- COMPACTED GRAVEL
- ASPHALT PAVEMENT

PROPOSED

- 535 MAJOR CONTOUR
- 534 MINOR CONTOUR
- EDGE OF PAVEMENT
- EDGE OF CONCRETE
- EDGE OF PATH
- LIMITS OF CONSTRUCTION
- BUILDING
- DRAINAGE AREA BOUNDARY
- FLOW DIRECTION ARROW
- T.C FLOW PATH

CIVIL TECH, PLLC.
ENGINEERS, CONSULTANTS, LAND PLANNERS
Firm No. 13711 (210) 365-5029
P.O. BOX 2203 BOERNE, TX. 78006

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JAMES P. McGARR
108753
LICENSED PROFESSIONAL ENGINEER
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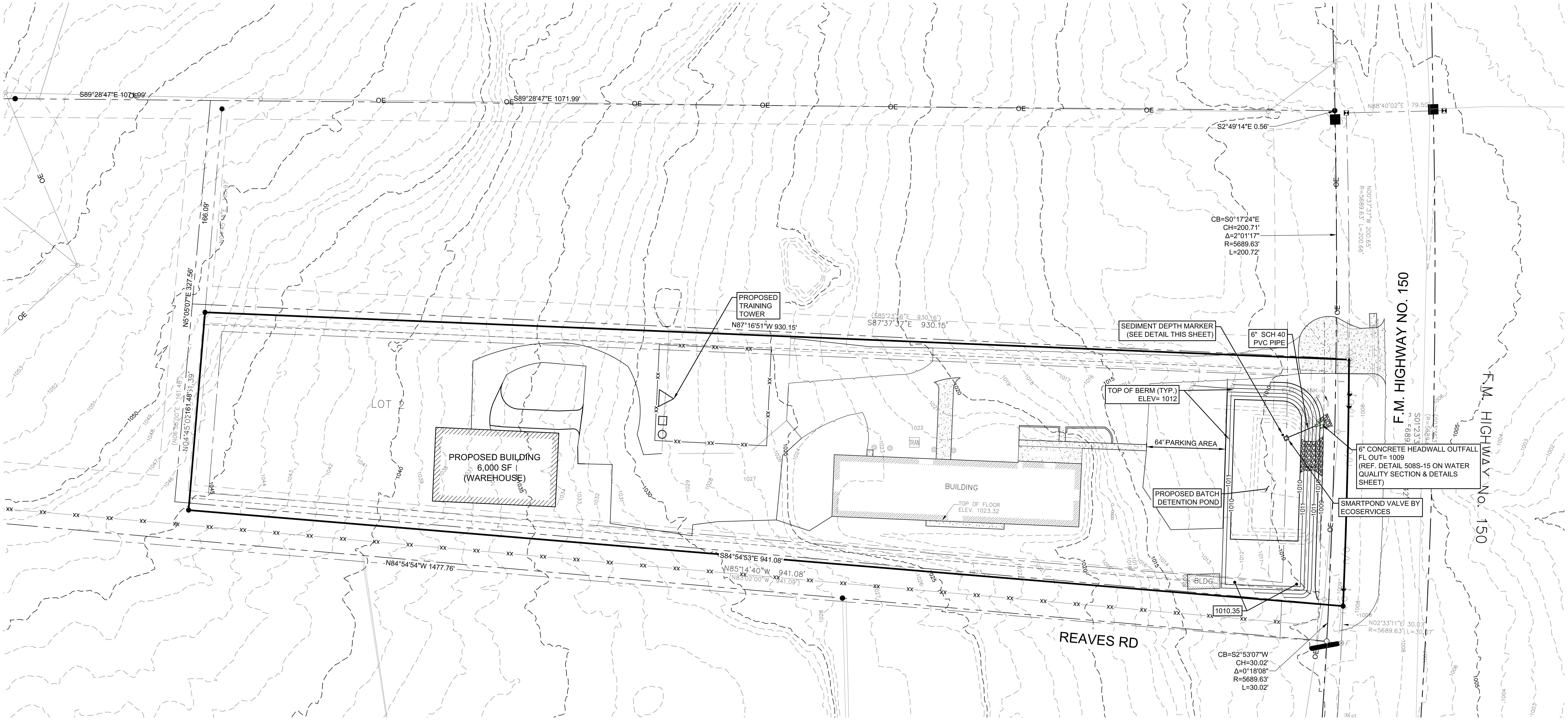
PROPOSED DRAINAGE AREA MAP

SHEET NO.
C4.1

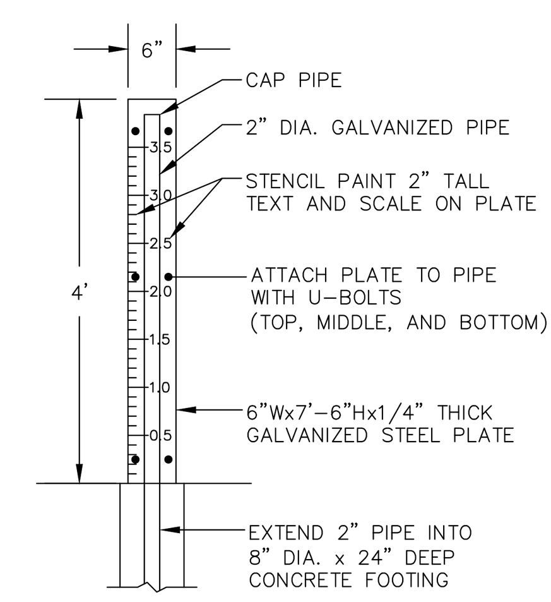


LEGEND

EXISTING		PROPOSED	
535	MAJOR CONTOUR	535	MAJOR CONTOUR
534	MINOR CONTOUR	534	MINOR CONTOUR
	PROPERTY BOUNDARY		EDGE OF PAVEMENT
	PROPERTY LINE		EDGE OF CONCRETE
	RIGHT OF WAY LINE		EDGE OF PATH
	EASEMENT LINE		LIMITS OF CONSTRUCTION
	EDGE OF DIRT ROAD		BUILDING
xx	FENCE LINE		
OE	OVERHEAD POWER LINE		
	POWER POLE		
	ASPHALT		
	GRAVEL		
	BUILDING		

NOTES:

1. ALL ITEMS ARE TO BE FURNISHED & INSTALLED BY CONTRACTOR. REFERENCE CONSTRUCTION DETAILS SHEETS FOR ADDITIONAL INFORMATION.
2. LIMITS OF CONSTRUCTION ARE SHOWN ON THE EROSION & SEDIMENTATION CONTROL PLAN(S).



SEDIMENT DEPTH MARKER FOR SLOPED SIDES

N.T.S.

NOTE:

IN LIEU OF 2" GALVANIZED PIPE, GALVANIZED STEEL PLATE MAY BE ATTACHED TO VERTICAL BASIN WALL NEAR SIDE SLOPES.

SCALE: 1"=40'

40 20 0 40

CAUTION:
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ENGINEERS, CONSULTANTS, LAND PLANNERS
Firm No. 13711 (210) 365-5029
P.O. BOX 2203 BOERNE, TX. 78006

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108753
LICENSED PROFESSIONAL ENGINEER
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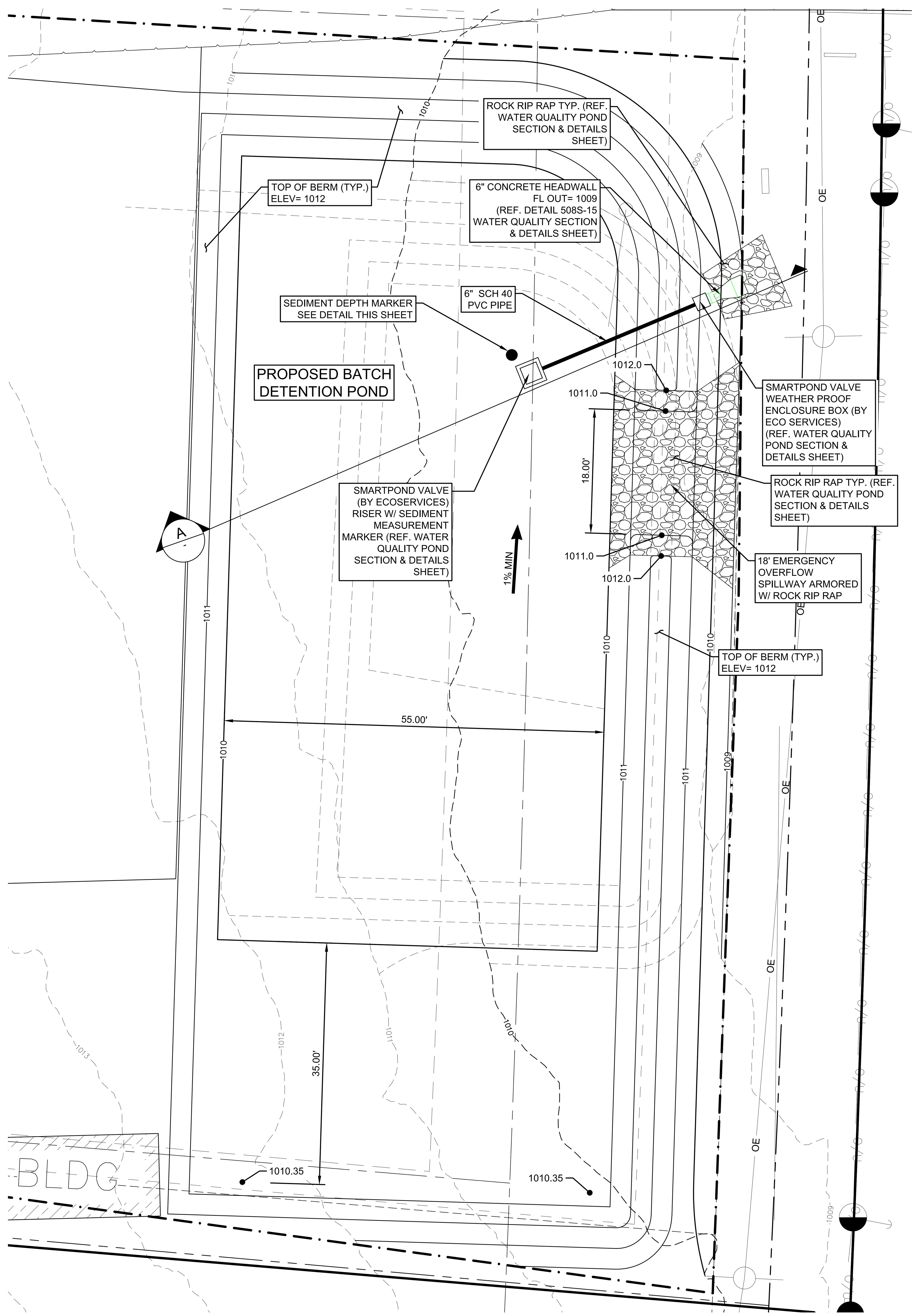
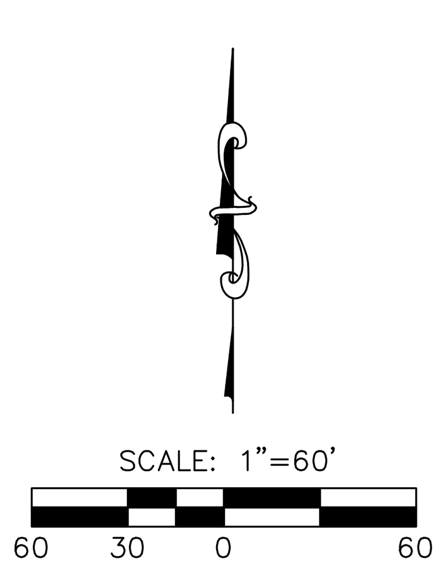
PROPOSED GRADING AND DRAINAGE

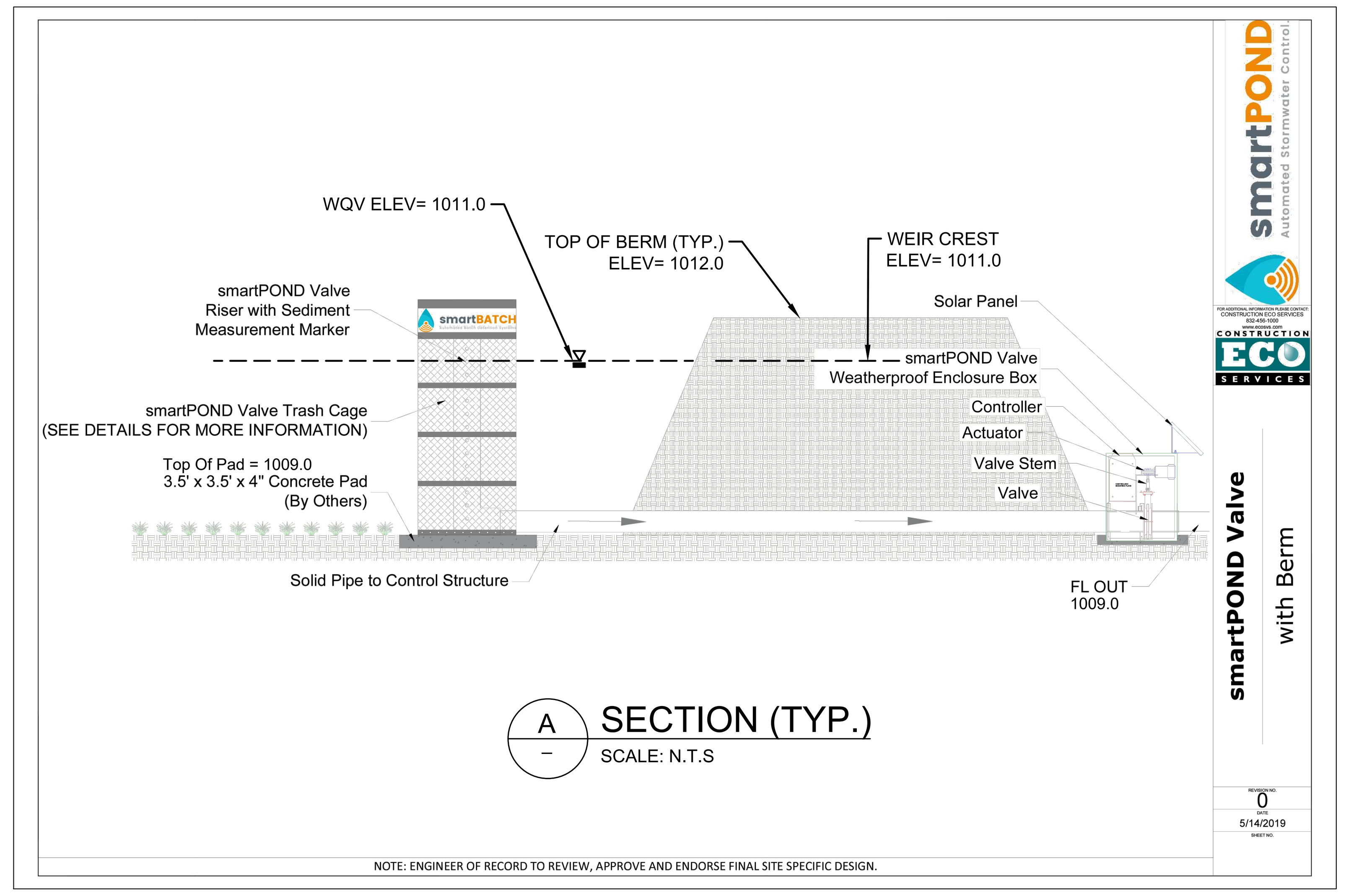
SHEET NO.
C5.0



PLAN VIEW

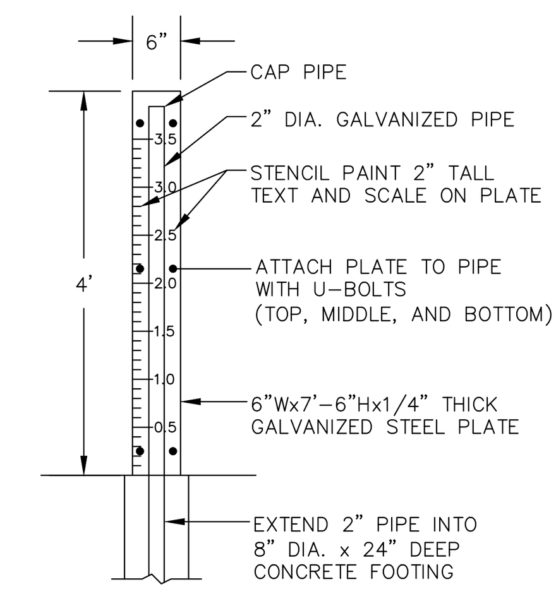
SCALE: 1" = 10'





A SECTION (TYP.)

SCALE: N.T.S

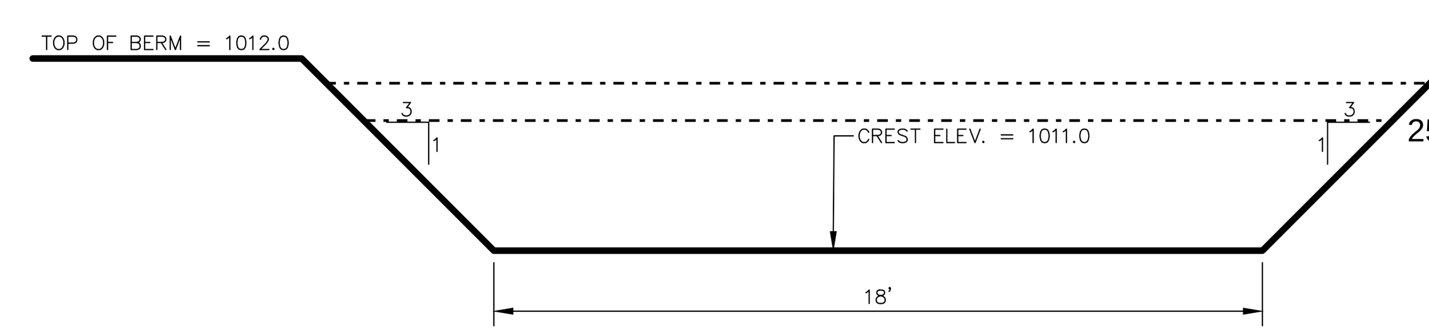


SEDIMENT DEPTH MARKER FOR SLOPED SIDES

N.T.S.

NOTE:

IN LIEU OF 2" GALVANIZED PIPE, GALVANIZED STEEL PLATE MAY BE ATTACHED TO VERTICAL BASIN WALL NEAR SIDE SLOPES.

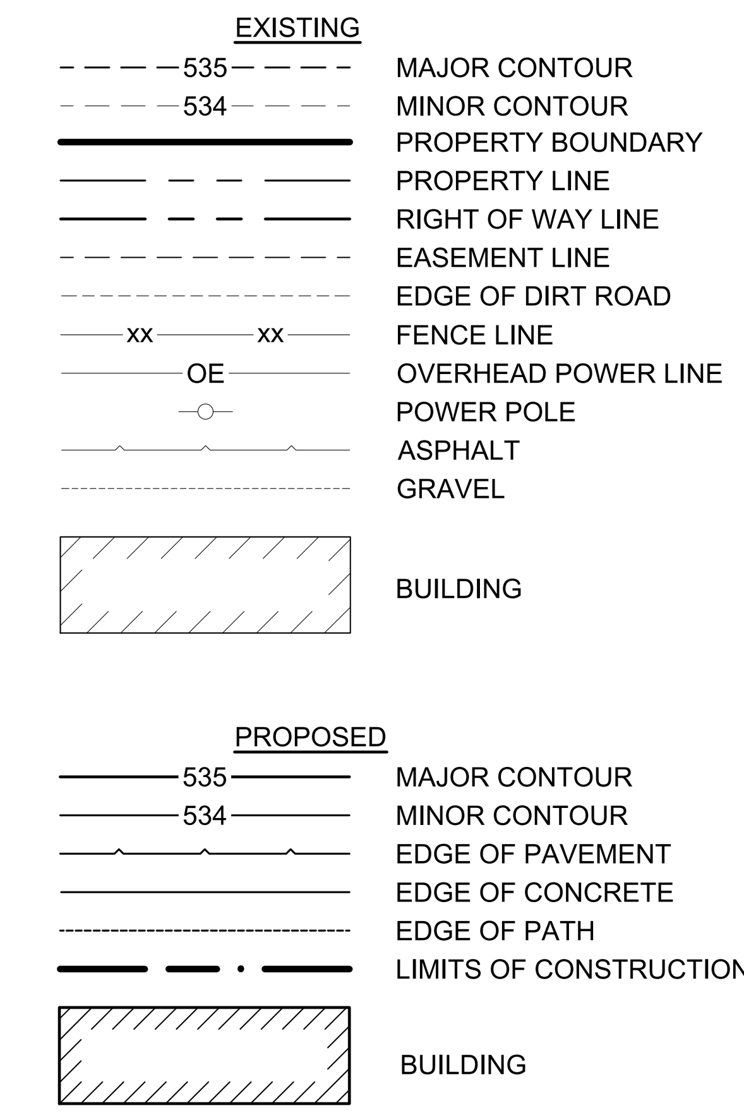


100-year Proposed Flow: 55.38 cfs
25-year Proposed Flow: 42.59 cfs

EMERGENCY OVERFLOW SPILLWAY

N.T.S.

LEGEND



NOTES:

1. BATCH DETENTION POND SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TEXAS COMMISSION ON ENVIRONMENT QUALITY (TCEQ) RG-348 MANUAL (ADDENDUM).
2. THE BATCH DETENTION POND AND RISER PIPE/TRASH RACK WILL FUNCTION AS THE DEWATERING OUTLET AND SHALL BE INSTALLED AND FUNCTIONAL PRIOR TO ANY GENERAL GRADING AND UTILITY WORK.
3. SYSTEM SHALL BE 12VD WITH SOLAR CHARGED 12VDC BATTERY. ALTERNATE ELECTRICAL DESIGN MAY ALSO BE UTILIZED IN LIEU OF SOLAR POWER WITH ENGINEERS APPROVAL.
4. ACTUATOR SHALL BE ELECTRONIC QUARTER-TURN WITH MANUAL OVERRIDE AND POSITION INDICATOR.
5. ACTUATOR SHALL BE "AVID 12V ACTUATOR, EPI-6 OR EQUIVALENT.
6. ACTUATOR VALVE SHALL BE SET AT "NORMALLY CLOSED" POSITION.
7. CONTROLLER SHALL BE SET TO OPEN VALVE 12 HOURS AFTER INITIAL RAINFALL DETECTION. VALVE TO REMAIN OPEN UNTIL 2HRS FOLLOWING BASIN EMPTY SIGNAL.
8. CONTROLLER SHALL HAVE TEST SEQUENCE, ON/OFF/RESET SWITCH AND THE PROGRAMMING SHALL BE FIELD UPLOADABLE.
9. CONTROLLER SHALL BE "MORNINGSTAR SOLAR CONTROLLER, 12V, 20 AMP" OR EQUIVALENT.
10. ALL WIRING SHALL BE INSTALLED IN CONDUIT AND BURIED. CONTACT ENGINEER FOR ADDITIONAL CONTROLLER SCHEMATICS.
11. CONTRACTOR TO INSTALL LIBERTY ALARM MODEL ALM-2W OR EQUIVALENT AT A CONTROLLER PANEL.

BATCH DETENTION MAINTENANCE:

1. ACCUMULATED PAPER, TRASH AND DEBRIS SHOULD BE REMOVED EVERY SIX (6) MONTHS OR AS NECESSARY.
2. VEGETATION WITHIN THE BASIN SHOULD NOT BE ALLOWED TO EXCEED EIGHTEEN (18) INCHES IN HEIGHT AT ANY TIME.
3. CORRECTIVE MAINTENANCE IS REQUIRED ANY TIME DRAW-DOWN DOES NOT OCCUR WITHIN FORTY-EIGHT (48) HOURS AFTER THE RAIN GARDEN HAS EMPTIED.
4. THE BASIN SHOULD BE INSPECTED ANNUALLY AND REPAIRS SHOULD BE MADE IF NECESSARY.
5. OWNER IS RESPONSIBLE FOR THE MAINTENANCE AND SERVICEABILITY OF ANY MECHANICAL VALVES IF PROPOSED.

CAUTION:
CONTRACTOR TO VERIFY ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION. CONTRACTOR TO NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

CIVIL TECH, PLLC.
ENGINEERS, CONSULTANTS, LAND PLANNERS
Firm No. 13711 (210) 365-5029
P.O. BOX 2203 BOERNE, TX. 78006

STATE OF TEXAS
JAMES P. McGARR
108753
LICENSED PROFESSIONAL ENGINEER
11/19/2024

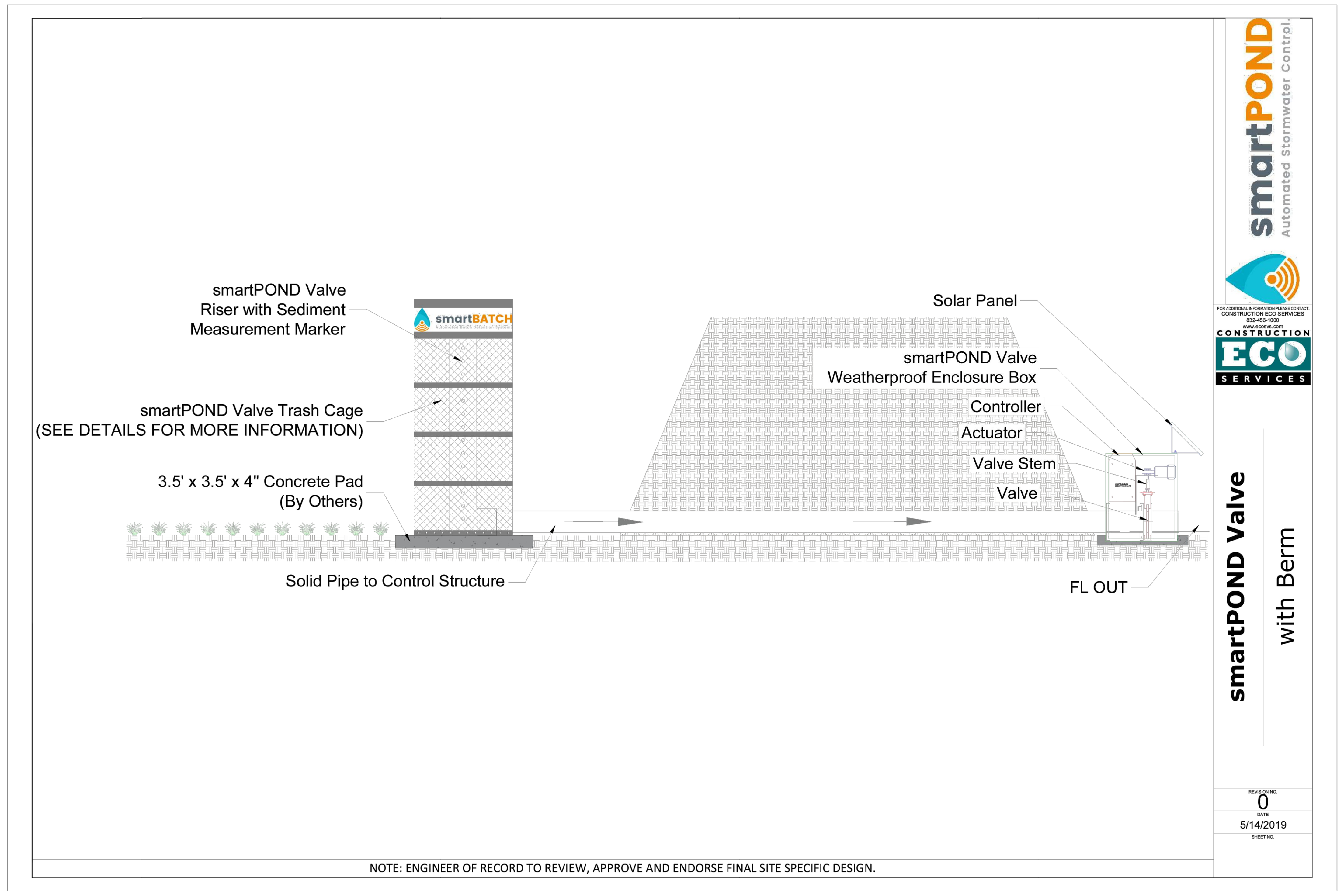
DATE

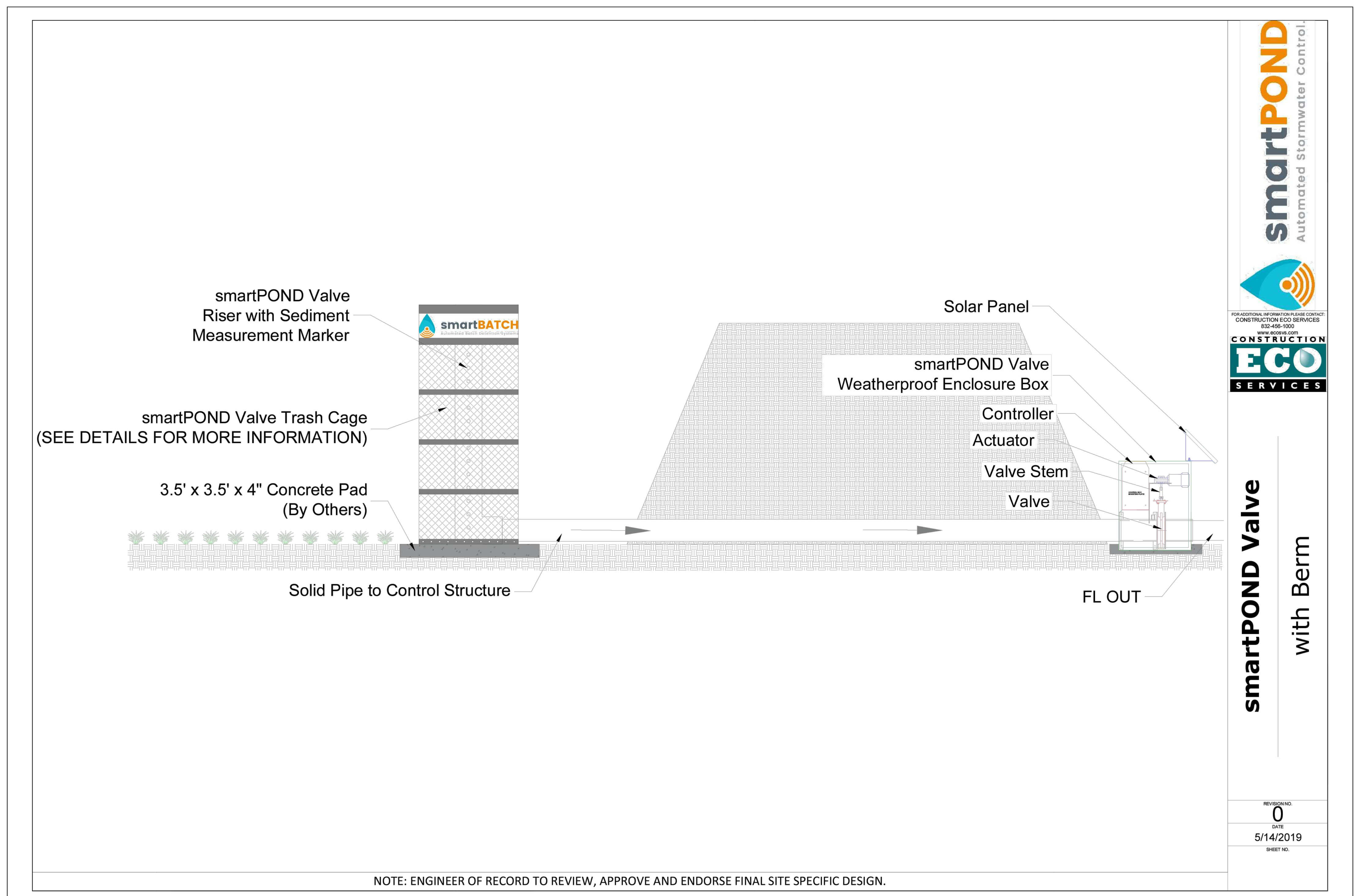
REVISIONS:

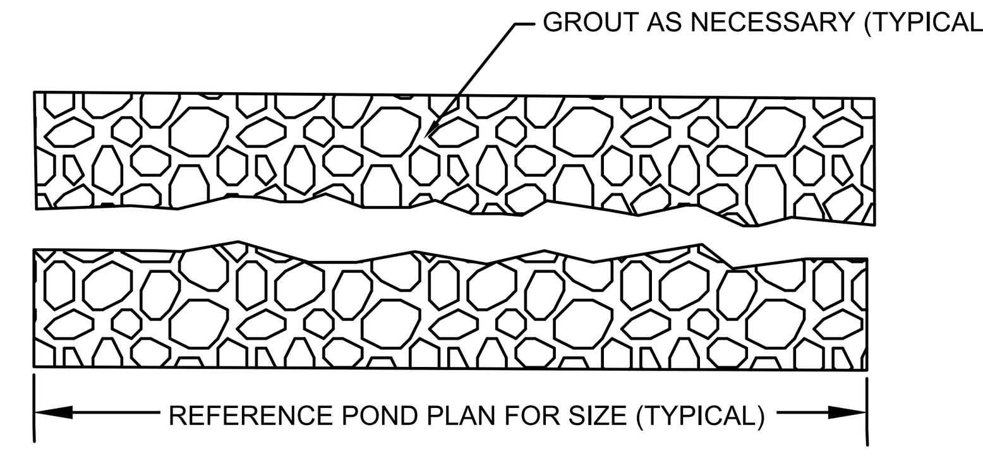
EPIC COMMUNICATION, INC.
18131 FM 150
DRIFTWOOD, TEXAS 78619

OVERALL WATER QUALITY POND

SHEET NO.
C6.0



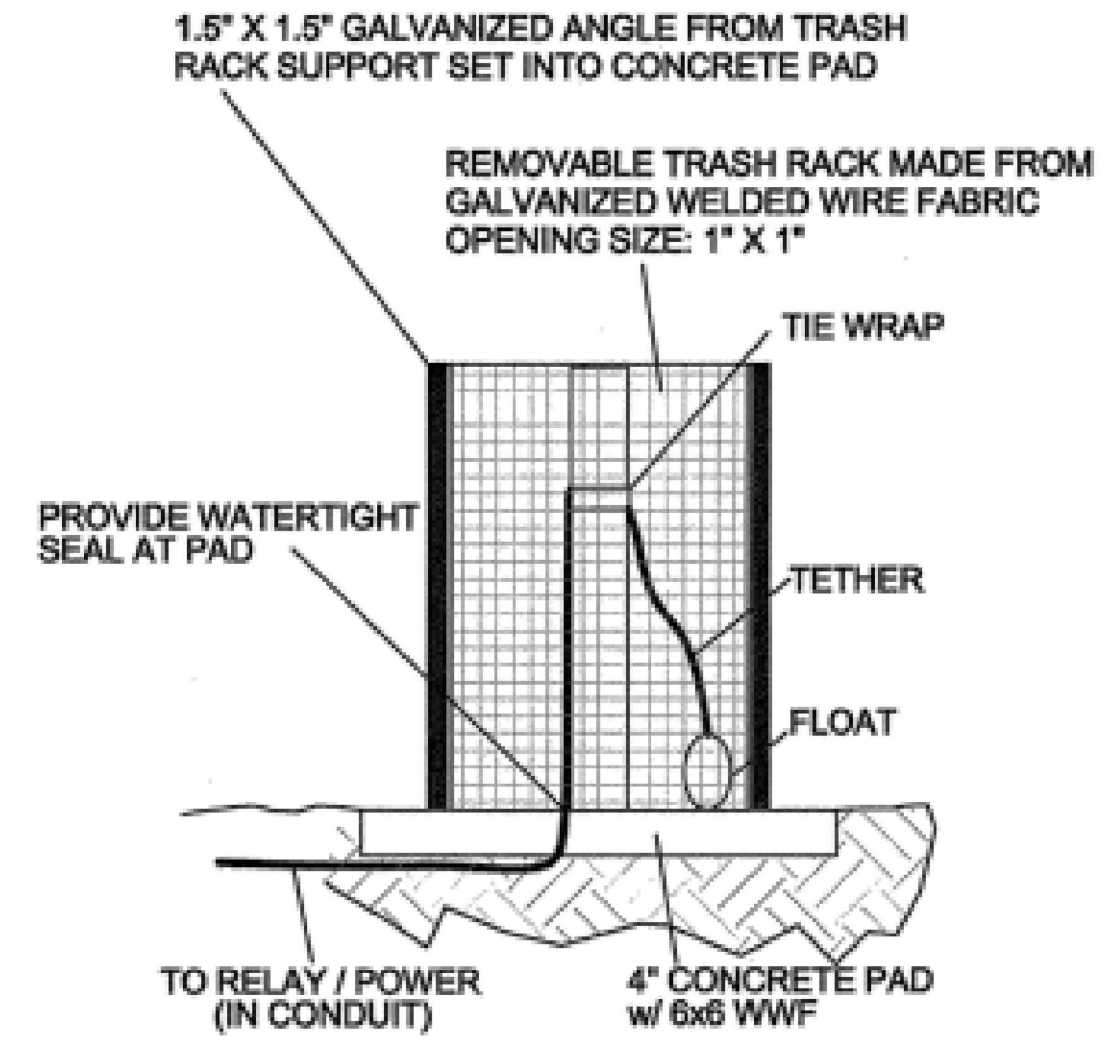




PLACE RIP-RAP AND LEAN GROUT IN ALL AREAS INDICATED ON THE DRAWING. THE STONE SHALL CONSIST OF FIELD STONE OR ROUGH, PRACTICAL. THE STONES SHALL BE DENSE, RESISTANT TO THE ACTION OF AIR AND WATER, AND SUITABLE IN ALL ASPECTS FOR THE PURPOSE INTENDED, UNLESS OTHERWISE SPECIFIED, ALL STONES USED AS RIP-RAP SHALL WEIGH BETWEEN 2-4 POUNDS EACH, AND AT LEAST 60 PERCENT OF THE STONES SHALL WEIGH MORE THAN 3 POUNDS EACH.

RIP-RAP DETAIL

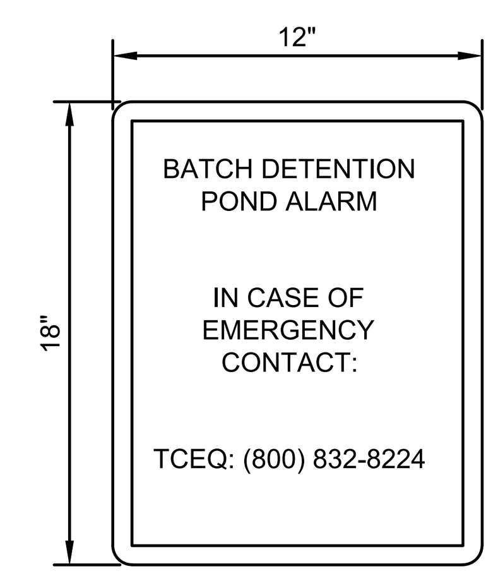
N.T.S.



* FLOAT SWITCH TO BE PIPE MOUNTED ECO FLOAT, TYPE SI, NORMALLY OPEN, OR APPROVED EQUAL.

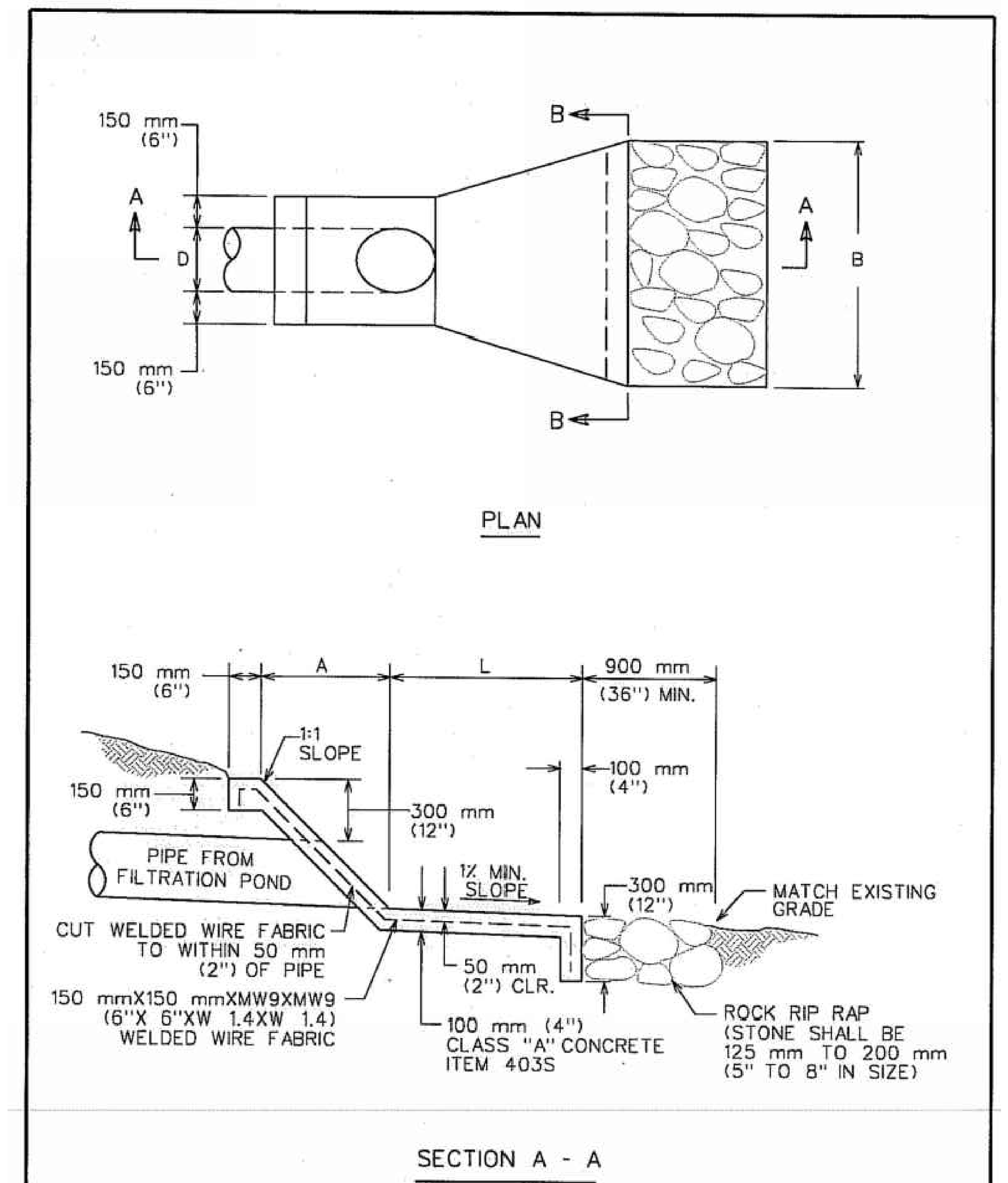
FLOAT SWITH DETAIL

N.T.S.

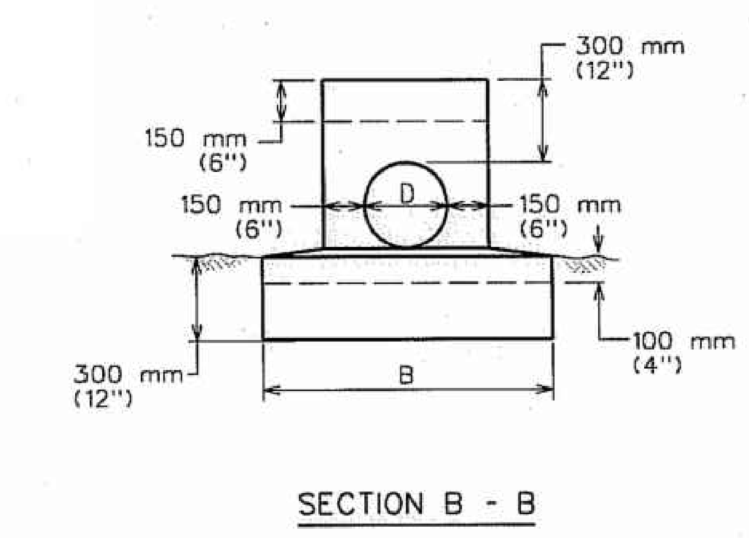


ALARM RESPONSE SIGN

N.T.S.



CITY OF AUSTIN
DEPARTMENT OF WATERSHED PROTECTION AND DEVELOPMENT REVIEW
3/15/05 ADOPTED
HEADWALL FOR FILTRATION PONDS W/OUTFALL PIPE 150 mm (6") TO 375 mm (15") DIA.
THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.
STANDARD NO. 508S-15
1 OF 2



A	450 mm (18")	500 mm (20")	550 mm (22")	600 mm (24")	675 mm (27")
B	750 mm (30")	800 mm (32")	850 mm (34")	1.05 m (42")	1.27 m (51")
D	150 mm (6")	200 mm (8")	250 mm (10")	300 mm (12")	375 mm (15")
L	600 mm (24")	600 mm (24")	750 mm (30")	900 mm (36")	1.2 m (48")

CITY OF AUSTIN
DEPARTMENT OF WATERSHED PROTECTION AND DEVELOPMENT REVIEW
3/15/05 ADOPTED
HEADWALL FOR FILTRATION PONDS W/OUTFALL PIPE 150 mm (6") TO 375 mm (15") DIA.
THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.
STANDARD NO. 508S-15
2 OF 2

CIVIL TECH, PLLC.
ENGINEERS, CONSULTANTS, LAND PLANNERS
Firm No. 13711 (210) 365-5029
P.O. BOX 2203 BOERNE, TX. 78006

STATE OF TEXAS
JAMES P. McGARR
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LICENSED PROFESSIONAL ENGINEER
11/19/2024

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REVISIONS:

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18131 FM 150
DRIFTWOOD, TEXAS 78619

WATER QUALITY POND SECTION AND DETAILS

SHEET NO.
C6.1

ATTACHMENT N

Inspection, Maintenance, Repair and Retrofit Plan

Attachment N – Inspection, Maintenance, Repair and Retrofit Plan

Batch Detention Facilities

Project Name: Epic Communications, Inc.

Address: 18131 FM 150

City, State, Zip: Driftwood, Texas, 78619

Regular and routine maintenance is essential to effective, long-lasting performance of batch detention facilities. Neglect or failure to service batch detention facilities on a regular basis will lead to poor performance and eventually costly repairs. It is recommended that batch detention Best Management Practices (BMPs) be inspected on a quarterly basis and after large storm events for the first year of operation. This intensive monitoring is intended to ensure proper operation and provide maintenance personnel with a basis for the operational characteristics of the filter. Subsequent inspections may be limited to semi-annually or more often if deemed necessary. The bottom of the batch detention pond should be maintained level. The bottom of the batch detention pond shall be visually inspected for any areas of excessive surface deposits and/or disruptions in the uniformity of the batch detention area. Such problem areas shall be promptly repaired or corrected.

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

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

Litter and Debris Removal: Litter and debris removal should take place at least twice a year, as part of the periodic mowing operations and inspections. Debris and litter should be removed from the surface of the basin. Particular attention should be paid to floatable debris around the outlet structure. The outlet should be checked for possible clogging or obstructions and any debris removed. Erosion control. The basin side slopes and embankment all may periodically suffer from slumping and erosion. To correct these problems, corrective action, such as regrading and revegetation, may be necessary. Correction of erosion control should take place whenever required based on the periodic inspections.

Nuisance Control: Standing water or soggy conditions may occur in the basin. Some standing water may

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

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

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

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

Following any required maintenance, the surface of the filtration basin shall be raked and leveled to restore the system to its designed condition. With each inspection, any damage to the structural elements of the system (pipes, retaining walls, etc.) must be identified and repaired immediately. "Proper" disposal of accumulated silt shall be accomplished following the Texas Commission on Environmental Quality (TCEQ) and City of San Antonio guidelines (if within jurisdiction of City of San Antonio) and specifications.

After all inspections, results shall be recorded and maintained. Records should be made available on request by TCEQ and/or SAWS officials. Upon transfer of ownership or maintenance responsibility: The seller must inform the buyer of all requirements of the BMP maintenance. TCEQ must be notified and receive the form "TCEQ-10623 change in responsibility for maintenance on permanent Best Management Practices and Measures." In addition, TCEQ and SAWS Resource Protection Division shall receive a signed, dated copy of this maintenance plan from the new owner.

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's entity having ownership or control of the property (such as without limitation, an owner's association, new property owner or lessee, a district, or municipality) or the ownership of the property is transferred to the entity assumes such an obligation in writing or ownership is transferred.

An amended copy of this document will be provided to the Texas Commission on Environmental Quality within thirty (30) days of any changes in the following information.

Owner/Responsible Party:

Contact Person:	Owner
Entity:	Epic Communications, Inc.
Mailing Address:	PO Box 350
City, State and Zip:	Driftwood, TX 78619
Telephone:	512-858-2200
Email:	dgriffin@epiccomm.com

Signature of Owner/Responsible Party  Date: 11/5/24

ATTACHMENT O

Pilot-Scale Field Testing Plan

Not Applicable

ATTACHMENT P

Measures for Minimizing Surface Stream Contamination

Not Applicable

Temporary Stormwater Section

Texas Commission on Environmental Quality

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

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

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

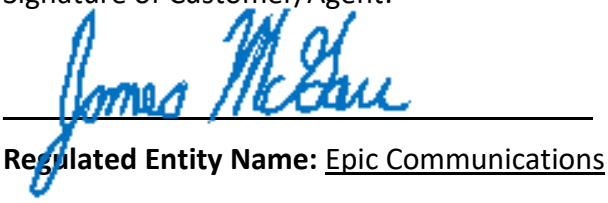
Signature

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

Print Name of Customer/Agent: James McGarr

Date: 01/15/2025

Signature of Customer/Agent:



Regulated Entity Name: Epic Communications

Project Information

Potential Sources of Contamination

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

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

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

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

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

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

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

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

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

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

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

Sequence of Construction

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

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

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

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

Temporary Best Management Practices (TBMPs)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

☒ N/A

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

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

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

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

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

Soil Stabilization Practices

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

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

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

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

Administrative Information

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

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

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

ATTACHMENT A

Spill Response Actions

Attachment A – Spill Response Actions

Site Specific Measures that will be taken to contain any spill of hydrocarbons or hazardous substances will include:

1. Immediate isolation of the substance source to keep additional spill or possible infiltration from occurring. Action will be taken to block the down gradient side using native earth material, absorbent blankets or absorbent socks.
2. The substance and contaminated materials will be excavated and placed within an impervious container or impervious-lined area that is protected from storm water runoff. Excavated materials will be covered to protect against rain.
3. The hazardous substance will be positively identified.
4. The spill area, after the excavation, will be sampled to verify that the hazardous substance has been properly and adequately remediated.
5. The excavated materials will be disposed of at an approved facility licensed to accept the substance identified. All transporting and disposal will follow State requirements for hazardous substances.
6. Fuels and Hazardous Substances are not to be stored on site.
7. Contractor shall become familiar with the Site Plan and confine activities with fuels and hazardous substances to locations that are adequate for the isolation and prevention of contamination in the event of a spill.

In addition to the above site-specific measures, the following recommended measures from the Edwards Aquifer Technical Guidance Manual (RG-348, 2005); Section 1.4.16, Significant/Hazardous Spills section should also be followed and are provided herein. These measures are to prevent or reduce the discharge of pollutants to drainage systems or watercourses from leaks and spills by reducing the chance for spills, stopping the source of spills, containing and cleaning up spills, properly disposing of spill materials, and training employees.
The following steps will help reduce the storm water impacts of leaks and spills:

Education

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

General Measures

1. To the extent that the work can be accomplished safely, spills of oil, petroleum products, and substances listed under 40 CFR parts 110,117, and 302, and sanitary and septic wastes should be contained and cleaned up immediately.

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

Cleanup

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

Minor Spills

1. Minor spills typically involve small quantities of oil, gasoline, paint, etc. which can be controlled by the first responder at the discovery of the spill.
2. Use absorbent materials on small spills rather than hosing down or burying the spill.
3. Absorbent materials should be promptly removed and disposed of properly.
4. Follow the practice below for a minor spill:
    a. Contain the spread of the spill.
    b. Recover spilled materials.
    c. Clean the contaminated area and properly dispose of contaminated materials.

Semi-Significant Spills

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

1. Contain spread of the spill.
2. Notify the project foreman immediately.

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

Significant/Hazardous Spills

For significant or hazardous spills that are in reportable quantities:

1. Notify the TCEQ by telephone as soon as possible and within 24 hours at 512-339-2929 (Austin) or 210-490-3096 (San Antonio) between 8 AM and 5 PM. After hours, contact the Environmental Release Hotline at 1-800-832-8224. It is the contractor's responsibility to have all emergency phone numbers at the construction site.
2. For spills of federal reportable quantities, in conformance with the requirements in 40 CFR parts 110,119, and 302, the contractor should notify the National Response Center at (800) 424-8802.
3. Notification should first be made by telephone and followed up with a written report.
4. The services of a spill's contractor or a Haz-Mat team should be obtained immediately. Construction personnel should not attempt to clean up until the appropriate and qualified staffs have arrived at the job site.
5. Other agencies which may need to be consulted include, but are not limited to, the City Police Department, County Sheriff Office, Fire Departments, etc.

More information on spill rules and appropriate responses is available on the TCEQ website at: http://www.tnrcc.state.tx.us/enforcement/emergency_response.html

Vehicle and Equipment Maintenance

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

9. Store cracked batteries in a non- leaking secondary container. Do this with all cracked batteries even if you think all the acid has drained out. If you drop a battery, treat it as if it is cracked. Put it into the containment area until you are sure it is not leaking.

Vehicle and Equipment Fueling

1. If fueling must occur on site, use designated areas, located away from drainage courses, to prevent the run-on of storm water and the runoff of spills.
2. Discourage “topping off” of fuel tanks.
3. Always use secondary containment, such as a drain pan, when fueling to catch spills/ leaks.

ATTACHMENT B

Potential Sources of Contamination

Attachment B – Potential Sources of Contamination

1. Contaminants and fluids may be dropped from the use of construction equipment.
2. Contaminants and fluids may be dropped from vehicles entering the site during construction.
3. Contaminants and fluids may be dropped or spilled by workers during construction.
4. Mud or dirt may be tracked onto streets from construction areas.
5. Fine particles may be washed from non-stabilized areas.
6. Contaminants and fluids may be spilled with the use of chemical / portable toilets during construction.
7. Contaminants and fluids may be spilled during the connection to the existing SCS.

During construction of the infrastructure contamination could come from oil, grease and fuel drippings from construction equipment and also from the process of excavating materials and grading. Additionally, the use of chemical / portable toilets is a potential source of contamination.

If fuel or a hazardous substance spill occurs, the contaminants and contaminated soil will be removed and placed in an impervious container to be disposed of off-site at an approved disposal site. The placement of excavated materials will have appropriately sized erosion and sedimentation controls placed down gradient to prevent debris from the construction activity from washing down gradient of the site. The construction site will be cleaned of materials and debris at the end of each workday and/or at the completion of the infrastructure. The application of the prime coat and/or tack coat will be timed to avoid any occurrence of a rain event before placement of the HMAC, which would provide permanent soil stabilization for the street areas. Any concrete structures, flatwork, and formwork would also be similarly timed to avoid any occurrence of a rain event.

In any case of a spill or contamination, the Spill Response Actions identified in **ATTACHMENT A** of this section should be followed.

ATTACHMENT C

Sequence of Major Activities

Attachment C – Sequence of Major Activities

The project site will be constructed using the following general activities and sequences. Construction activities and order of construction is anticipated as follows:

1. Temporary BMPs – Installation of temporary control measures such as silt fence, rock berms, etc. (Disturbs approx. 0.042 acres)
2. Grubbing & Clearing – Underbrush & Trees removed as necessary: ROWs, utility easements, and drains. (Disturbs approx. 0 acres)
3. Drainage and Water Quality – Excavation and construction of drainage infrastructure and Water Quality permanent BMPs. (Disturbs approx. 0.200 acres)
4. Rough Grading and Excavation - The building pads, parking lots, and driveways will be brought to sub grade. (Disturbs approx. 0.138 acres)
5. Utilities – Trenching and installation of sanitary sewer lines, water lines, then Electric and dry utilities. Upon installation, the trenches will be backfilled. (Disturbs approx. 0 acres)
6. Asphalt and Curbs – Concrete curbs and street surfaces will be brought to final grade and installed. (Disturbs approx. 0 acres)
7. Final Utility Meters – Installation of water, electric meters, and other final utility terminations, as needed. (Disturbs approx. 0 acres)

Note: The excavated material from the trenches will be placed on the up-gradient side of the trench. The trench would serve as a temporary sedimentation and erosion control measure.

ATTACHMENT D

Temporary Best Management Practices and Measures

Attachment D – Temporary Best Management Practices and Measures

The Temporary Best Management Practices (TBMPs) and Measures that will be used:

- Silt Fences (Sediment Control Rolls may be substituted where appropriate)
- Stabilized Construction Entrances
- Equipment Staging Area
- Concrete Wash Out
- Inlet Protection
- Rock Berm or Gabion
- Preservation of Natural Areas
- Placement of Excavated Material on Up Gradient Side of Trench (Except in Floodplain)
- Permanent Planting, Sodding, and/or Re-seeding
- Regular Inspection & Maintenance
- Stabilization

All structural TBMPs will be installed prior to the beginning of construction as per the Sedimentation & Erosion Control Plan and Storm Water Pollution Prevention Plan. The TBMPs will remain in place and will be maintained until all construction has ceased and perennial vegetative cover with a density of 70 percent has occurred.

1. Install stabilized construction entrance; Establish equipment staging area and concrete washout
2. Installation of TBMPs - rock berm, inlet protection and silt fences as appropriate
3. Grubbing & Clearing
4. Excavation
5. Grading
6. Infrastructure Construction
7. Establish 70 percent vegetative cover
8. Remove TBMPs

The temporary measures to be used during construction to prevent pollution of surface water, groundwater, and storm water runoff will be the use of silt fencing, inlet protection, and rock berm, as necessary, generally located along the down gradient side of the project area as indicated in the Water Pollution Abatement Plan. The stabilized construction entrance, concrete wash out and equipment staging area will be located as practicable. The equipment staging area and concrete washout should be in the proximity of the construction entrance / exit and not located near a well, floodplain, or other potential sources of contamination. Structural practices, as applicable, will be installed prior to each phase of the project and will be maintained during the construction of that phase. Disturbed areas will be stabilized, re-vegetated if denuded, within 14 days after temporary (21 days) or permanent cessation of construction activities.

The weather will need to be monitored, and the application of the prime coat and/or tack coat emulsions will be timed to avoid any occurrence of a rain event before placement of the HMAC on the streets. Any concrete, flatwork, and formwork would also be similarly timed to avoid any occurrence of a rain event.

ATTACHMENT E

Request to Temporarily Seal a Feature

Not Applicable

ATTACHMENT F

Structural Practices

Attachment F – Structural Practices

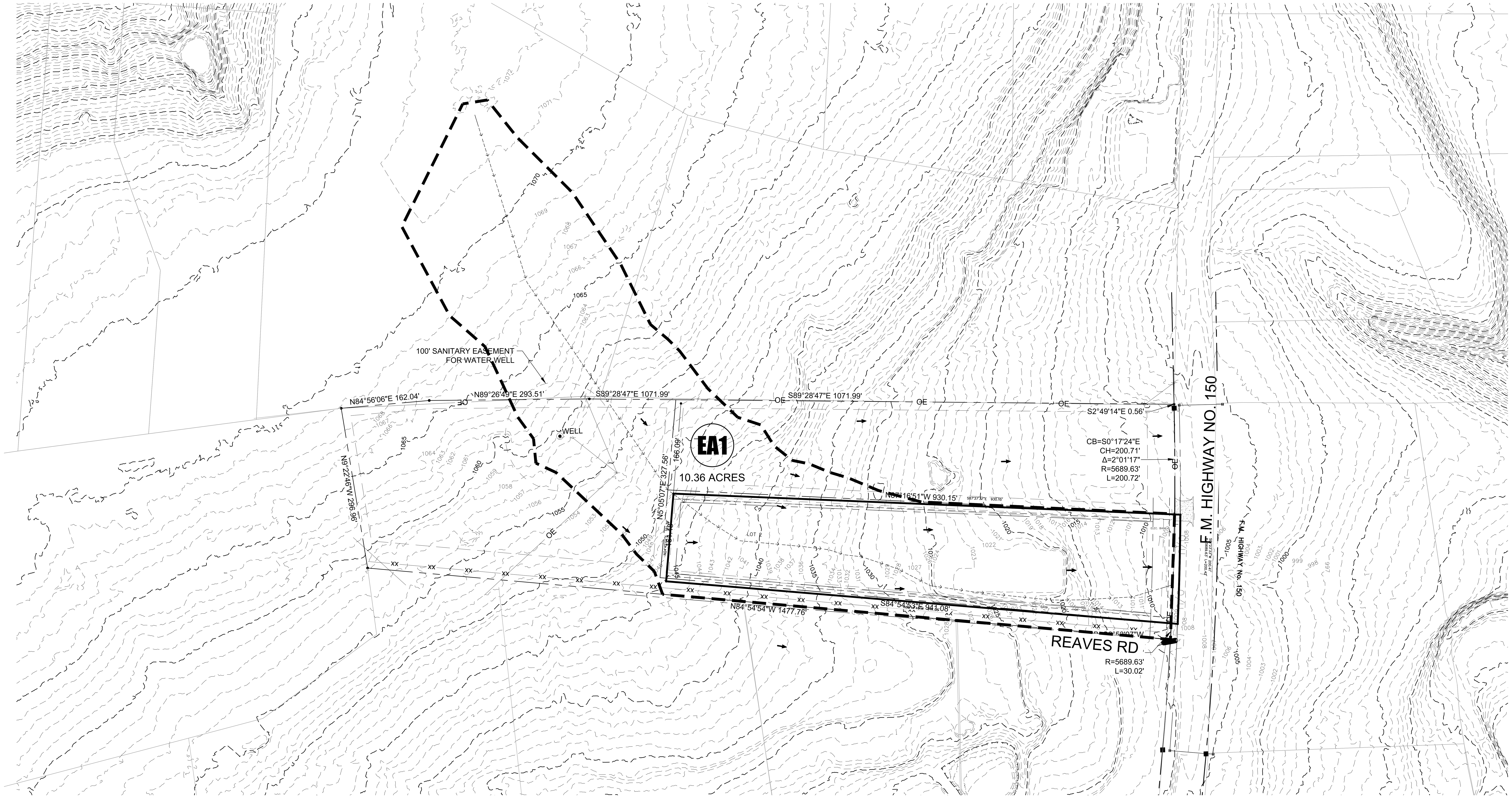
The structural practices proposed that will limit runoff discharge of pollutants from exposed areas of the site will be the use of silt fences (sediment control rolls may be substituted where appropriate), rock berms or gabions, inlet protection, concrete wash out, equipment staging area, and stabilized construction entrances to prevent the suspended solids and sediments from washing across the site.

1. A stabilized construction entrance with washout pit will be constructed at all locations where vehicular traffic enters and leaves the site. This will reduce tracking of sediments onto adjacent roadways and provide a stable area for entrance or exit from the construction site.
2. An equipment staging area will be established. This should be located in the proximity of the construction entrance / exit. This will provide a controlled and stable area to set-up materials and equipment.
3. Silt fencing will be installed adjacent to any drainage way which receives sheet flow from up gradient-disturbed areas and along the side slope perimeter of disturbed areas when no other TBMPs / Structural Practices are available.
4. Excavation for the permanent pond will be used to trap sediment until completion and acceptance of permanent storm drain piping.
5. Silt fencing will be installed in areas where up gradient flow from disturbed areas is concentrated. Washout of silt fencing may occur and should be monitored. Rock berms or gabions may also be installed along the side slope perimeter of disturbed areas if the up-gradient flow is concentrated to prevent washout of silt fencing.
6. Sandbags filled with washed pea gravel will be used at storm drainage inlets prior to stabilization of the drainage areas. Alternative inlet protection may be utilized as appropriate.
7. Rock berms or gabions will be installed at points of concentrated flow to trap sediment prior to exiting the site and prevent down gradient erosion.

Although not anticipated, earthen berm/dikes may be constructed in some areas to divert up gradient flows around disturbed areas and onto natural drainage ways.

ATTACHMENT G

Drainage Area Map



CAUTION:
CONTRACTOR TO VERITY ALL EXISTING UTILITIES VERTICAL AND HORIZONTALLY PRIOR TO CONSTRUCTION. CONTRACTOR TO NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

SCALE: 1"=100'
100 50 0 100

LEGEND

EXISTING

- 535 MAJOR CONTOUR
- 534 MINOR CONTOUR
- PROPERTY BOUNDARY
- PROPERTY LINE
- RIGHT OF WAY LINE
- EASEMENT LINE
- EDGE OF DIRT ROAD
- xx FENCE LINE
- ASPHALT
- GRAVEL
- BUILDING
- COMPACTED GRAVEL
- ASPHALT PAVEMENT

PROPOSED

- 535 MAJOR CONTOUR
- 534 MINOR CONTOUR
- EDGE OF PAVEMENT
- EDGE OF CONCRETE
- EDGE OF PATH
- LIMITS OF CONSTRUCTION
- BUILDING
- DRAINAGE AREA BOUNDARY
- FLOW DIRECTION ARROW
- T.C FLOW PATH

CIVIL TECH, PLLC.
ENGINEERS, CONSULTANTS, LAND PLANNERS
Firm No. 13711 (210) 365-5029
P.O. BOX 2203 BOERNE, TX. 78006

STATE OF TEXAS
JAMES P. McGARR
108753
LICENSED
PROFESSIONAL ENGINEER
11/19/2024

DATE

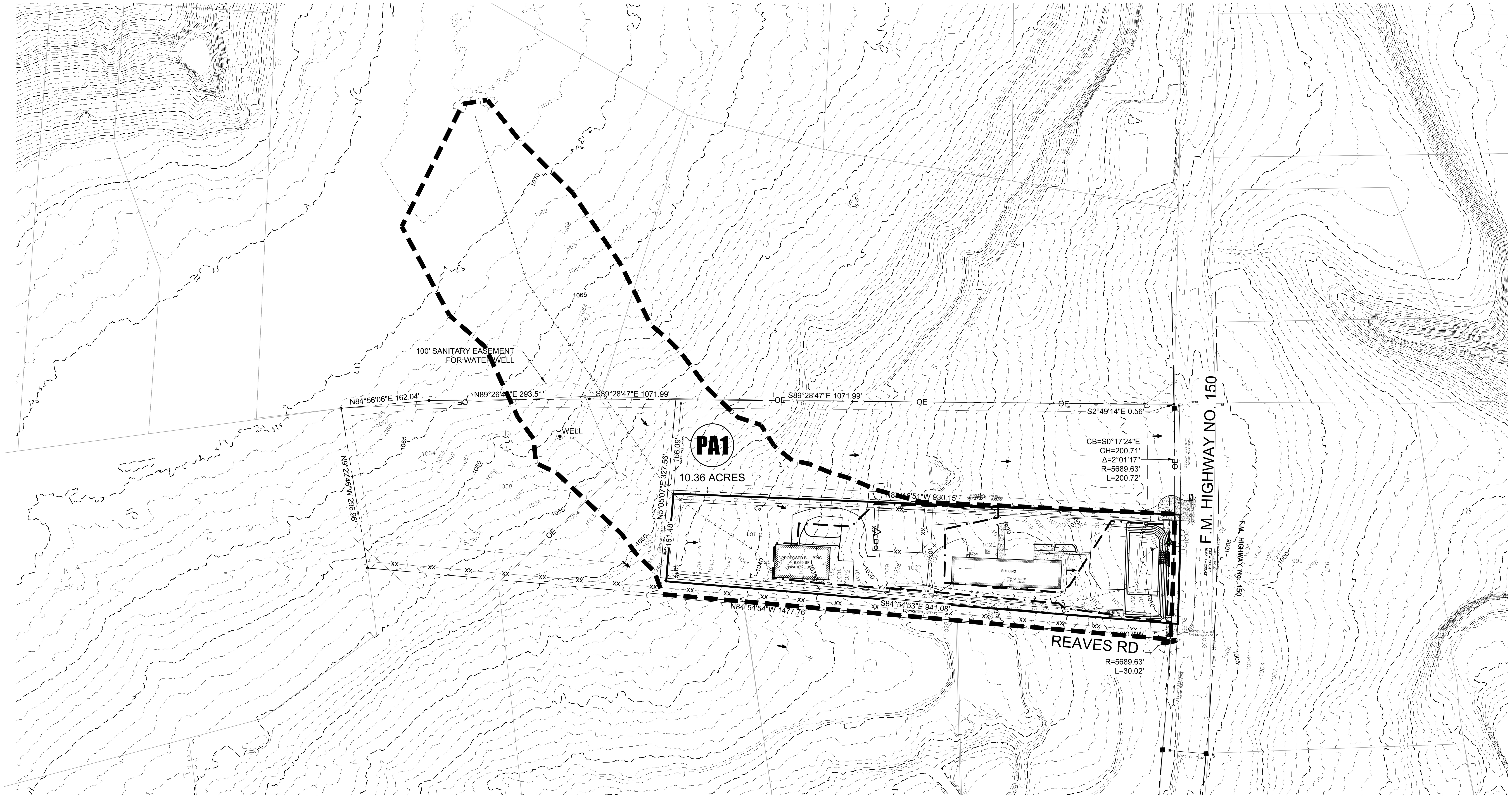
REVISIONS:

EPIC COMMUNICATION, INC.

18131 FM 150
DRIFTWOOD, TEXAS 78619

EXISTING DRAINAGE AREA MAP

SHEET NO.
C4.0



CAUTION:
CONTRACTOR TO VERITY ALL EXISTING UTILITIES VERTICAL AND HORIZONTALLY PRIOR TO CONSTRUCTION. CONTRACTOR TO NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

LEGEND

EXISTING

- 535 / MAJOR CONTOUR
- 534 / MINOR CONTOUR
- PROPERTY BOUNDARY
- PROPERTY LINE
- RIGHT OF WAY LINE
- EASEMENT LINE
- EDGE OF DIRT ROAD
- xx / FENCE LINE
- ASPHALT
- GRAVEL
- BUILDING
- COMPACTED GRAVEL
- ASPHALT PAVEMENT

PROPOSED

- 535 / MAJOR CONTOUR
- 534 / MINOR CONTOUR
- EDGE OF PAVEMENT
- EDGE OF CONCRETE
- EDGE OF PATH
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11/19/2024

DATE

REVISIONS:

EPIC COMMUNICATION, INC.
18131 FM 150
DRIFTWOOD, TEXAS 78619
PROPOSED DRAINAGE AREA MAP

SHEET NO.
C4.1

ATTACHMENT H

Temporary Sediment Pond(s) Plans and Calculations

Not Applicable

ATTACHMENT I

Inspection and Maintenance for BMPs

Attachment I – Inspection and Maintenance for BMPs

Following are recommended minimum site specific inspection and maintenance measures for the BMPs proposed with this project. The recommended measures are derived from the Edwards Aquifer Technical Guidance Manual (RG-348, 2005); Section 1.3, Temporary Erosion Control BMPs and Section 1.4, Temporary Sediment Control BMPs. More detailed guidance is contained within the sections referenced.

The following steps will help prevent or reduce the sediment transported by storm water runoff in areas of disturbance:

General

1. Silt fences (sediment control rolls may be substituted where appropriate), rock berms, gabions, inlet protection, and stabilized construction entrances must be in place prior to the start of construction and will remain in place until construction has been completed and the site stabilized from further erosion.
2. The contractor will keep a record of the inspections, noting the condition of the BMPs and any corrective action taken to maintain the erosion control structures. In addition to the inspection and maintenance reports, the operator should keep records of the construction activity on site. In particular, the following information should be kept:
    a. The dates when major grading activities occur in a particular area.
    b. The dates when construction activity ceases in an area, temporarily or permanently.
    c. The dates when an area is stabilized, temporarily or permanently.
3. All soil, sand, gravel, and excavated material stockpiled on-site will have appropriately sized silt fencing placed up gradient and down gradient.

Inspection

1. A qualified E & S inspector (representing the discharger) shall inspect the following items once every seven (7) days, and within 24 hours after storm event of a ½-inch or greater rainfall:
    a. Disturbed areas of the construction site that have not been finally stabilized
    b. Areas used for storage of materials that are exposed to precipitation
    c. Structural and stabilization control measures
    d. Construction entrance/exits
2. The E & S inspector shall have authority to require immediate action on the part of the Contractor to correct any nonconforming items found during inspections or to require revisions to the E & S controls if appropriate. If revisions are needed, they shall be implemented within 7 calendar days after the date of inspection.
3. The E & S inspector will provide written reports covering all items/areas inspected and outlining corrective measures if any.

Maintenance

1. All erosion and sedimentation (E & S) measures/controls shall be maintained in good working order by the Contractor. Written maintenance reports shall be prepared covering all inspections and maintenance affecting E & S controls. If repair(s) are necessary, they shall be initiated within 24 hours after report.
2. The *temporary construction entrance* maintenance guidelines are listed below:

a. Prevent/minimize tracking or flowing of sediments onto public roadways.
b. Sediments spilled, dropped, washed or tracked onto public roadways must be removed immediately.
c. Vehicle tires should be cleaned to remove sediment prior to entrance onto public right-of-way.
d. If washing is required, it should be done on an area stabilized with crushed stone that drains to an approved sediment trap or basin.
e. All sediment should be prevented from entering any storm drain, bar ditch, or water course by using approved methods.

3. *Temporary vegetation* inspection/maintenance guidelines are listed below:
    a. Inspected weekly and after each rain event to locate and repair any erosion
    b. Erosion from storms of other damage should be repaired immediately by regarding the area and applying new seed.
    c. If vegetated cover is less than 80%, the area should be reseeded.
4. *Rock berm* inspection/maintenance guidelines are listed below:
    a. Inspection should be done weekly and after each rainfall. For installations in streambeds, additional daily inspections should be conducted.
    b. Remove sediment and other debris when buildup reaches 6 inches and dispose of the accumulated silt in an approved method that will not additional siltation.
    c. Repair any loose wire sheathing.
    d. Reshape the berm as needed during inspection.
    e. The berm should be replaced when the structure is not functioning as intended due to silt accumulation among the rocks, washout, construction traffic damage, etc.
5. *Silt fence* inspection/maintenance guidelines are listed below:
    a. Inspect silt fencing weekly, and after every rainfall.
    b. Remove sediment when buildup reaches 6 inches.
    c. Replace any torn fabric or install a second line of fencing parallel to the torn section.
    d. Replace or repair any crushed or collapsed in the course of construction activity. If a section of fencing obstructs vehicular access, relocate the fencing to a place where it will provide equal protection without obstructing vehicles. A triangular filter dike may be preferred to a silt fence at common vehicle access points.
    e. When construction is complete, sediment should be disposed of in a manner that doesn't cause additional siltation and the prior location of the silt fencing should be revegetated. The fence itself should be disposed of in an approved landfill.
6. *Curb Inlet Protection (Gravel Filter Bags)* inspection/maintenance guidelines are listed below:
    a. Inspection should be conducted weekly and after each rainfall. Repair or replacement should be done promptly as needed by the contractor.
    b. Remove sediment when buildup reaches a depth of 3 inches. Removed sediment should be deposited in a suitable area in a manner that will not erode.
    c. Check placement of device to prevent gaps between device and curb.
    d. Inspect filter fabric and patch or replace if torn or missing.
    e. Structures should be removed and the area stabilized only after the remaining drainage area has been properly stabilized.
7. Trash receptacles will be placed onsite for the use of workmen.
8. Documentation of maintenance/inspection activities will be kept on site.

An example log sheet for the inspection, maintenance and repair of the BMPs follows. The sample document is as provided by the Environmental Protection Agency (EPA). The sample can be found and is available for download at www.epa.gov/. It should be modified for the project specific conditions and BMPs. At a minimum, the Inspection Log / Report utilized by the qualified E&S inspector should provide details related to the inspection, maintenance and repair of the BMPs including observations on the site conditions.

ATTACHMENT J

Schedule of Interim and Permanent Soil Stabilization Practices

Attachment J – BMPs for Upgradient Stormwater

The schedule of interim and permanent soil stabilization will be as follows:

1. Interim/permanent stabilization will be performed on denuded and/or disturbed areas within 14 days after temporary (21 days) or permanent cessation of construction activities.
2. Permanent stabilization will be done with the completion of the infrastructure construction and with the completion of the construction of the main building structure.

Refer to ATTACHMENT C in the TEMPORARY STORMWATER SECTION for a schedule summary.

The soil stabilization practices for this project may include: establishment of temporary vegetation, establishment of permanent vegetation, mulching, geotextiles, sod stabilization, vegetative buffer strips, protection of trees, and preservation of mature vegetation. Use of drought resistant wildflowers should be considered as a supplement to existing vegetation in appropriate areas. Permanent stabilization of the soil within the roadway is completed with the final pavement course and completion of the sidewalks.

The primary practice will be the establishment of vegetation and the protection of existing vegetation including trees. Seeding and/or sod will be done in areas ready for final landscaping, areas to final grade, and in areas that are otherwise practicable. Areas where final grading is not complete will either be re-vegetated or allowed to re-vegetate naturally. Blankets and matting along with mulch may be used to aid in the establishment of vegetation and/or provide erosion stops.

The Edwards Aquifer Technical Guidance Manual (RG-348, 2005); *Section 1.2, General Guidelines* recommends the following practice for soil stabilization in periods of drought or when vegetation cannot be established.

"During times of year when vegetation cannot be established, soil mulching should be applied to moderate slopes and soils that are not highly erodible. On steep slopes or highly erodible soils, multiple mulching treatments should be used. Interlocking ceramic materials, filter fabric, and netting are available for this purpose..."

"Because of the hardy drought-resistant nature of wildflowers, they may be more beneficial as an erosion control practice than turf grass. While not as dense as turfgrass wildflower thatches and associated grasses are expected to be as effective in erosion control and contaminant absorption. Because thatches of wildflowers do not need fertilizers, pesticides, or herbicides, and the need for watering is minimal, implementation of this practice may result in cost savings... A wildflower stand requires several years to become established; however, maintenance requirements are minimal once the area is established."

The recommended soil stabilization practices are derived from the Edwards Aquifer Technical Guidance Manual (RG-348, 2005); *Section 1.2, General Guidelines, Section 1.3, Temporary Erosion Control BMPs,Section 1.4, Temporary Sediment Control BMPs, and Section 2.5, Landscaping and Vegetative Practices*. More detailed guidance is contained within the sections referenced.

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

I Dwayne Griffin,
Print Name

President,
Title - Owner/President/Other

of Epic Communications, Inc.,
Corporation/Partnership/Entity Name

have authorized Jame McGarr, P.E.
Print Name of Agent/Engineer

of CivilTech PLLC
Print Name of Firm

to represent and act on the behalf of the above named Corporation, Partnership, or Entity for the purpose of preparing and submitting this plan application to the Texas Commission on Environmental Quality (TCEQ) for the review and approval consideration of regulated activities.

I also understand that:

1. The applicant is responsible for compliance with 30 Texas Administrative Code Chapter 213 and any condition of the TCEQ's approval letter. The TCEQ is authorized to assess administrative penalties of up to $10,000 per day per violation.

2. For those submitting an application who are not the property owner, but who have the right to control and possess the property, additional authorization is required from the owner.

3. Application fees are due and payable at the time the application is submitted. The application fee must be sent to the TCEQ cashier or to the appropriate regional office. The application will not be considered until the correct fee is received by the commission.

4. A notarized copy of the Agent Authorization Form must be provided for the person preparing the application, and this form must accompany the completed application.

5. No person shall commence any regulated activity on the Edwards Aquifer Recharge Zone, Contributing Zone or Transition Zone until the appropriate application for the activity has been filed with and approved by the Executive Director.

SIGNATURE PAGE:

Applicant's Signature

11/5/24
Date

THE STATE OF Texas §

County of HAYS §

BEFORE ME, the undersigned authority, on this day personally appeared Dwayne Griffin 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 5th day of November 2024

DENEICE ANN GRIFFIN
Notary ID #124459077
My Commission Expires
July 19, 2026

NOTARY PUBLIC

Deneice Ann Griffin
Typed or Printed Name of Notary

MY COMMISSION EXPIRES: 7-19-2026

Application Fee Form

Texas Commission on Environmental Quality
Name of Proposed Regulated Entity: Epic Communications, Inc.
Regulated Entity Location: 18131 FM 150, Driftwood, TX 78619
Name of Customer: Dwayne Griffin
Contact Person: James McGarr, P.E. Phone: 210 365 5029
Customer Reference Number (if issued):CN TBD
Regulated Entity Reference Number (if issued):RN TBD

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	3.885 Acres	$ 4,000
Water Pollution Abatement Plan, Contributing Zone Plan: Non-residential	Acres	$
Sewage Collection System	L.F.	$
Lift Stations without sewer lines	Acres	$
Underground or Aboveground Storage Tank Facility	Tanks	$
Piping System(s)(only)	Each	$
Exception	Each	$
Extension of Time	Each	$

Signature: James McGarr Date: 11/21/2024

Application Fee Schedule

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

Water Pollution Abatement Plans and Modifications

Contributing Zone Plans and Modifications

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

Organized Sewage Collection Systems and Modifications

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

Underground and Aboveground Storage Tank System Facility Plans and Modifications

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

Exception Requests

Project	*Fee*
Exception Request	$500

Extension of Time Requests

Project	*Fee*
Extension of Time Request	$150

TCEQ Use Only

TCEQ Core Data Form

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

SECTION I: General Information

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

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

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

2. Customer Reference Number *(if issued)*	Follow this link to search for CN or RN numbers in Central Registry**	**3. Regulated Entity Reference Number** *(if issued)*
CN		**RN**

SECTION II: Customer Information

4. General Customer Information | **5. Effective Date for Customer Information Updates** (mm/dd/yyyy) 12/01/2024

☒ 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:*

Epic Communications, Inc.

7. TX SOS/CPA Filing Number	**8. TX State Tax ID** (11 digits)	**9. Federal Tax ID** (9 digits)	**10. DUNS Number** *(if applicable)*
0800001387	17528339231	752833923	

11. Type of Customer: ☒ Corporation ☐ Individual Partnership: ☐ General ☐ Limited
Government: ☐ City ☐ County ☐ Federal ☐ Local ☐ State ☐ Other ☐ Sole Proprietorship ☐ Other:

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

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

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

☐ Owner ☐ Operator ☒ Owner & Operator
☐ Occupational Licensee ☐ Responsible Party ☐ VCP/BSA Applicant ☐ Other:

15. Mailing Address:	PO Box 350							
	City	Driftwood	**State**	TX	**ZIP**	78619	**ZIP + 4**	

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

18. Telephone Number	**19. Extension or Code**	**20. Fax Number** *(if applicable)*

(512) 858-2200		(512) 858-2424

SECTION III: Regulated Entity Information

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

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

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

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

Epic Communications, Inc.

23. Street Address of the Regulated Entity: ***(No PO Boxes)***	18131 FM 150 West							
	City	Driftwood	**State**	TX	**ZIP**	78619	**ZIP + 4**	
24. County	Hays							

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

25. Description to Physical Location:					
26. Nearest City			**State**		**Nearest ZIP Code**
Driftwood			TX		78619

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

27. Latitude (N) In Decimal:	30.141389		**28. Longitude (W) In Decimal:**	98.032778	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
30	08	29	98	01	58

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)
1731		237130	

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

Telecommunication Construction

34. Mailing Address:	**PO Box 350**							
	City	**Driftwood**	**State**	**TX**	**ZIP**	**78619**	**ZIP + 4**	
35. E-Mail Address:	**dgriffin@epiccomm.com**							

36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(if applicable)*
(512) 858-2200		**(512) 858-2424**

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

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

SECTION IV: Preparer Information

40. Name:	James McGarr, P.E.	**41. Title:**	Engineer

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(210 **)** 365-5029		**( ) -**	jmcgarr@civiltechmc.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:	CivilTech, PLLC	**Job Title:**	Engineer	
Name *(In Print):*	James McGarr, P.E.		**Phone:**	**(** 210 **)** 365- **5029**
Signature:			**Date:**	11/21/2024