



August 26, 2024

Franklin Anciano  
Edwards Aquifer Protection Program  
Texas Commission on Environmental Quality

**Subject:** RE: 7-Eleven Gracie Lane CZP - Administrative NOD

The following comments in **red** are in response to your comments.

**Edwards Aquifer Application Cover Page (TCEQ-20705)**

1. **Line 9. Please revise the Application Fee to reflect \$4000.**  
**Application fee has been revised has been revised.**
2. **Line 11. Please remove information provided.**  
**Information removed from line 11.**


**Application Fee Form (TCEQ-0574)**

3. **Please remove information provided for SCS, tanks and piping systems. Application fees should only reflect Non-residential, 3.18ac, and \$4000.**  
**The fee form has been revised to only reflect the acreage.**

**Plan Sheets**

4. **The following sheets are not applicable to our review, please remove them if they are included:**
  - **All Wastewater and Water Utility plan sheets (private & public)**
  - **Water & Wastewater detail sheets**
  - **All landscaping sheets****Sheets removed from the submittal.**

Sincerely,



Anthony Goode, PE



# **7-ELEVEN AT GRACIE LANE**

**US 183 & HWY 29**

**LIBERTY HILL, TX 78642**

## **T.C.E.Q. EDWARDS AQUIFER PROTECTION PLAN CZP**

**PREPARED FOR**

**212 GUNNER LTD**

**AUGUST 2024**



# Edwards Aquifer Application Cover Page

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## 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.

<b>1. Regulated Entity Name:</b> 7-Eleven Gracie Lane					<b>2. Regulated Entity No.:</b>				
<b>3. Customer Name: 212 GUNNER LTD</b>					<b>4. Customer No.: 606124527</b>				
<b>5. Project Type:</b> (Please circle/check one)	<b>New</b>	Modification			Extension		Exception		
<b>6. Plan Type:</b> (Please circle/check one)	WPAP	<b>CZP</b>	SCS	UST	AST	EXP	EXT	Technical Clarification	Optional Enhanced Measures
<b>7. Land Use:</b> (Please circle/check one)	Residential		<b>Non-residential</b>			<b>8. Site (acres):</b>		3.19	
<b>9. Application Fee:</b>	4000.00\$		<b>10. Permanent BMP(s):</b>				A batch water quality and detention pond.		
<b>11. SCS (Linear Ft.):</b>	N/A		<b>12. AST/UST (No. Tanks):</b>				2 UST		
<b>13. County:</b>	Williamson		<b>14. Watershed:</b>				South Fork San Gabriel River		

# 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](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.)	—	—	—
Region (1 req.)	—	—	—
County(ies)	—	—	X
Groundwater Conservation District(s)	___ 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 X ___ 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.

ANTHONY GOODE

Print Name of Customer/Authorized Agent

08/26/2024

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: Anthony Goode

Date: 7/26/24

Signature of Customer/Agent:



Regulated Entity Name: 7-Eleven at Gracie Lane

## Project Information

1. County: Williamson
2. Stream Basin: Brazos River Basin
3. Groundwater Conservation District (if applicable): EDWARDS AQUIFER
4. Customer (Applicant):

Contact Person: William Pohl

Entity: 212 Gunner LTD

Mailing Address: 10800 PECAN PARK BLVD #STE 125

City, State: Austin, TX

Zip: 78750

Telephone: 512.355.5577

Fax: \_\_\_\_\_

Email Address: lmiks@pohlbrown.com

5. Agent/Representative (If any):

Contact Person: ANTHONY GOODE

Entity: GOODE FAITH ENGINEERING

Mailing Address: 1620 LA JAITA DR. STE#300

City, State: CEDAR PARK, TX

Zip: 78613

Telephone: (972)-8228-1682

Fax: \_\_\_\_\_

Email Address: ANTHONY@GOODEFAITHENG.COM

6. Project Location:

- ☒ The project site is located inside the city limits of LIBERTY HILL.
- ☐ 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.

The southwest corner the of intersection of Highway 29 and Gracie Lane.

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): 3.19 Acres

Total disturbed area: 3.24 Acres

14. Estimated projected population: \_\_\_\_\_

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

**Table 1 - Impervious Cover**

<i><b>Impervious Cover of Proposed Project</b></i>	<i><b>Sq. Ft.</b></i>	<i><b>Sq. Ft./Acre</b></i>	<i><b>Acres</b></i>
Structures/Rooftops	16,714	÷ 43,560 =	0.38
Parking	13,007	÷ 43,560 =	0.3
Other paved surfaces	65,444	÷ 43,560 =	1.5
Total Impervious Cover	95,165	÷ 43,560 =	2.18

**Total Impervious Cover  $2.18 \div$  Total Acreage  $3.19 \times 100 = 68.3\%$  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.

$L \times W = \text{_____ Ft}^2 \div 43,560 \text{ Ft}^2/\text{Acre} = \text{_____ acres.}$

21. Pavement Area:

Length of pavement area: \_\_\_\_\_ feet.

Width of pavement area: \_\_\_\_\_ feet.

$L \times W = \text{_____ Ft}^2 \div 43,560 \text{ Ft}^2/\text{Acre} = \text{_____ acres.}$

Pavement area \_\_\_\_\_ acres  $\div$  R.O.W. area \_\_\_\_\_ acres  $\times 100 = \text{_____ \%}$  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**

<i>AST Number</i>	<i>Size (Gallons)</i>	<i>Substance to be Stored</i>	<i>Tank Material</i>
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

5 of 11

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**

<i>Length (L)(Ft.)</i>	<i>Width(W)(Ft.)</i>	<i>Height (H)(Ft.)</i>	<i>L x W x H = (Ft3)</i>	<i>Gallons</i>

**Total: \_\_\_\_\_ Gallons**

30. Piping:

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

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

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

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

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

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

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

## **Site Plan Requirements**

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

34. ☒ The Site Plan must have a minimum scale of 1" = 400'.  
Site Plan Scale: 1" = 20'.
35. 100-year floodplain boundaries:
- ☐ Some part(s) of the project site is located within the 100-year floodplain. The floodplain is shown and labeled.
- ☒ No part of the project site is located within the 100-year floodplain.  
The 100-year floodplain boundaries are based on the following specific (including date of material) sources(s): \_\_\_\_\_.
36. ☒ The layout of the development is shown with existing and finished contours at appropriate, but not greater than ten-foot contour intervals. Lots, recreation centers, buildings, roads, etc. are shown on the site plan.
- ☐ The layout of the development is shown with existing contours at appropriate, but not greater than ten-foot contour intervals. Finished topographic contours will not differ from the existing topographic configuration and are not shown. Lots, recreation centers, buildings, roads, etc. are shown on the site plan.
37. ☒ A drainage plan showing all paths of drainage from the site to surface streams.
38. ☒ The drainage patterns and approximate slopes anticipated after major grading activities.
39. ☐ Areas of soil disturbance and areas which will not be disturbed.
40. ☒ Locations of major structural and nonstructural controls. These are the temporary and permanent best management practices.
41. ☒ Locations where soil stabilization practices are expected to occur.
42. ☐ Surface waters (including wetlands).  
☒ N/A
43. ☐ Locations where stormwater discharges to surface water.  
☒ There will be no discharges to surface water.
44. ☐ Temporary aboveground storage tank facilities.  
☒ Temporary aboveground storage tank facilities will not be located on this site.

45. ☐ Permanent aboveground storage tank facilities.  
☒ Permanent aboveground storage tank facilities will not be located on this site.
46. ☒ Legal boundaries of the site are shown.

### ***Permanent Best Management Practices (BMPs)***

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

47. ☒ Permanent BMPs and measures must be implemented to control the discharge of pollution from regulated activities after the completion of construction.  
☐ N/A
48. ☒ These practices and measures have been designed, and will be constructed, operated, and maintained to insure that 80% of the incremental increase in the annual mass loading of total suspended solids (TSS) from the site caused by the regulated activity is removed. These quantities have been calculated in accordance with technical guidance prepared or accepted by the executive director.  
☒ The TCEQ Technical Guidance Manual (TGM) was used to design permanent BMPs and measures for this site.  
☐ A technical guidance other than the TCEQ TGM was used to design permanent BMPs and measures for this site. The complete citation for the technical guidance that was used is: \_\_\_\_\_.  
☐ N/A
49. ☒ Owners must insure that permanent BMPs and measures are constructed and function as designed. A Texas Licensed Professional Engineer must certify in writing that the permanent BMPs or measures were constructed as designed. The certification letter must be submitted to the appropriate regional office within 30 days of site completion.  
☐ N/A
50. Where a site is used for low density single-family residential development and has 20 % or less impervious cover, other permanent BMPs are not required. This exemption from permanent BMPs must be recorded in the county deed records, with a notice that if the percent impervious cover increases above 20% or land use changes, the exemption for the whole site as described in the property boundaries required by 30 TAC §213.4(g) (relating to Application Processing and Approval), may no longer apply and the property owner must notify the appropriate regional office of these changes.  
☐ The site will be used for low density single-family residential development and has 20% or less impervious cover.  
☐ The site will be used for low density single-family residential development but has more than 20% impervious cover.  
☒ The site will not be used for low density single-family residential development.

51. The executive director may waive the requirement for other permanent BMPs for 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.***

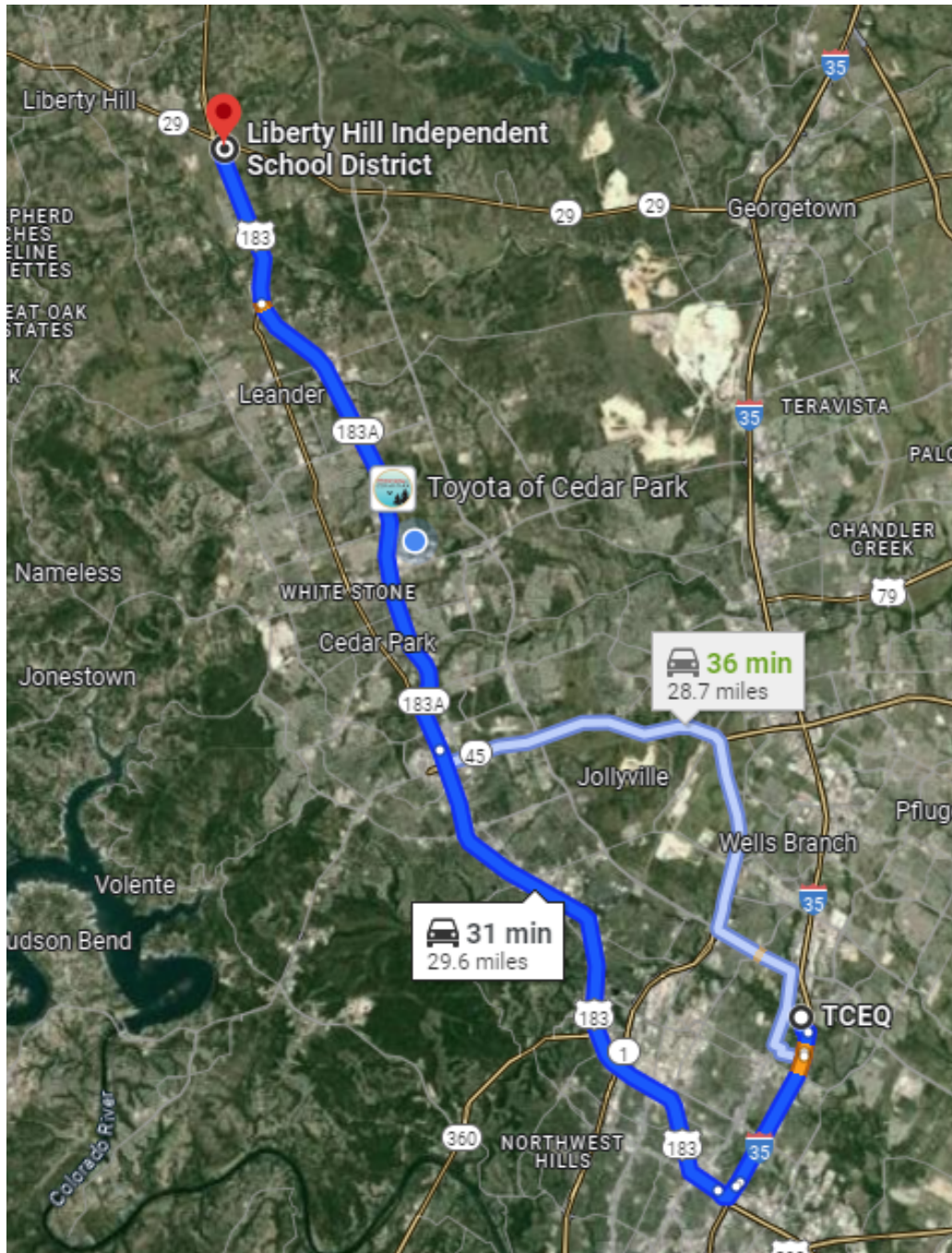
59. ☒ The applicant is responsible for maintaining the permanent BMPs after construction until such time as the maintenance obligation is either assumed in writing by another entity having ownership or control of the property (such as without limitation, an owner's association, a new property owner or 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





## ATTATCHMENT B- USGS QUADRANGLE MAP





## ATTACHMENT C – PROJECT NARRATIVE

The site is comprised of one lot which totals approximately 3.24 acres and is in Liberty Hill, Texas. The site is located to the East of US 183 and South of HWY 29 (at the intersection). All the site is currently undeveloped except for Gracie Lane which is under development right now. Improvements will consist of one +/- 4,734 SF retail (Gas Station) building, eight (8) gasoline pumps, one +/- 20,000 gal underground regular fuel Tank, and a second underground storage tank with a dividing wall containing +/- 8,000 gal of premium fuel and +/- 12,000 gal of diesel, one Batch Detention ponds, as well as parking and drive aisles.

The Project is located within the South Fork San Gabriel watershed and no portion of this Project property is within the 100-year floodplain as per FEMA firm panel 48491C0275E as dated 9/26/2008, for Williamson County, Texas. The project is in the Edward's Aquifer Contributing Zone; water quality controls are required. The project will have one batch detention ponds. These BMPs will provide a minimum removal of 80% of the TSS.

Under existing conditions, the entire site drains generally to the northeast. Both from Gracie Lane and from the site area. In the northeast there will be an established pond.

The existing CN for the proposed undeveloped areas is determined to be an 84. All proposed impervious cover was assigned a CN of 98. The total project area is 3.24, and the total impervious cover being proposed with this current development is 2.47 acres or 78%.

### Items to be demolished include 70 LF of curbs and sidewalks

Please see the following documents.

- EXISTING CONDITIONS AND DEMOLITION PLAN-PUBLIC IMPROVEMENTS CONSTRUCTION PLAN
- EXISTING CONDITIONS AND DEMOLITION PLAN-MINOR SITE DEVELOPMENT PLAN
- SITE DEVELOPMENT PLAN- EXISTING CONDITIONS & DEMOLITION PLAN SHEET 5



## **ATTACHMENT D – FACTORS AFFECTING WATER SURFACE QUALITY**

### **During Construction:**

There will be a slight increase in suspended solids during construction which will be mitigated utilizing BMPs including silt fencing, inlet protection, stabilized construction entrances and the proposed pond for temporary sediment basins. Potential sources of pollutants affecting surface water quality include:

- Soil particle migration as a result of erosion from construction activity including the use of spoil piles, clearing, and grubbing, excavation and burrow of existing grades, final grading, and installation of utilities and storm water infrastructure.
- Soil particle migration resulting from pipe bedding material installation or staging and soil and/or road base placement and storage
- Construction equipment and vehicle drippings or leaks containing petroleum such as fuel, grease, oil, and hydraulic fluid
- Concrete truck wash-out activities
- Materials used during construction (paints, glues, chemicals, pavement striping/markings, gravel) may also affect the surface water quality
- Trash and debris from construction crews, equipment, and supplies can be another pollutant source and will be properly disposed of and effectively managed throughout construction to minimize any potential impact
- Sanitary waste from construction crews could also lead to a potential source of contamination. Proper sanitation during construction, including temporary restroom facilities and trash barrels will not be provided.

### **Post Construction:**

Gasoline and diesel pumps utilized by future customers may cause runoff of gas and diesel if there is a spill from the pumps.

Activities may include the utilization of chemical pesticides and lawn products that may affect the water quality. These products are typically labeled with instructions and warning labels about proper and safe usage by the customers. The owner will provide information through the leasing agreements about the proper use of products to the occupants and their effect on water quality.

Lack of lawn care maintenance can cause soil erosion and impact the quality of stream water by increasing suspended solids. The owner is therefore managing on-going lawn care and maintenance.

Improperly installed sanitary sewers may increase fecal materials and nutrients in runoff. City permitting procedures and inspections will make this a minor concern.



## ATTACHMENT E – VOLUME AND CHARACTERISTICS OF STORMWATER

The curve number of undeveloped the site is 84, pasture in fair condition. All existing impervious covers were assigned a curve number of 98. The current proposed development of the site will result in impervious cover of +/- 2.47 acres. The pond is designed to cover all the impervious cover. The pond is also designed to detain but not treat approximately +/- 0.57 acres of impervious cover from Gracie Lane that is to the west of the site. See TCEQ regulated entity number RN111708459 for the previous CZPs for Gracie Lane.

With the proposed treatment measures, the character of the storm water leaving the site after the development is expected to be similar in character to that of existing conditions. This proposed development will require water quality treatment. This will be achieved using the detention pond. Refer to the tables on the following page and the included construction plans for detailed information on the drainage calculations.

The table below has the impervious cover numbers for the current proposed development.

Impervious Cover of Proposed Project	Sq. Ft.	Sq. Ft./Acre	Acres
Structures/Rooftops	16,714	÷ 43,560 =	0.38
Parking	13,007	÷ 43,560 =	0.30
Other paved surfaces	65,444	÷ 43,560 =	1.50
Total Impervious Cover	95,165	÷ 43,560 =	2.18
% Impervious Cover	<b>68%</b>		

## DRAINAGE CALCULATIONS

DRAINAGE CALCULATIONS (EXISTING)								
DRAINAGE AREA	ACRES	Tc (MIN)	Lag Time	Curve Number	Impervious Cover (%)	Q (2YR) (CFS)	Q (10YR) (CFS)	Q (25YR) (CFS)
E1	3.08	10.0	6.0	84.0	0.0%	10.2	17.9	23.1
E2	0.57	5.0	3.0	84.0	0.0%	2.3	4.0	5.1
Design Point 1						11.9	21.1	27.3
DRAINAGE CALCULATIONS (PROPOSED)								
DRAINAGE AREA	ACRES	Tc (MIN)	Lag Time	Curve Number	Impervious Cover (%)	Q (2YR) (CFS)	Q (10YR) (CFS)	Q (25YR) (CFS)
P1	3.08	5.0	3.0	84.0	80.0%	16.3	24.9	30.6
P2	0.57	5.0	3.0	84.0	100%	3.20	4.75	5.79
POND						11.7	20.7	27.2
	Pond Elevation (WSE)					979.18	979.63	979.86
Design Point 1						11.7	20.7	27.2





## ATTACHMENT K – BMPS FOR ONSITE STORMWATER

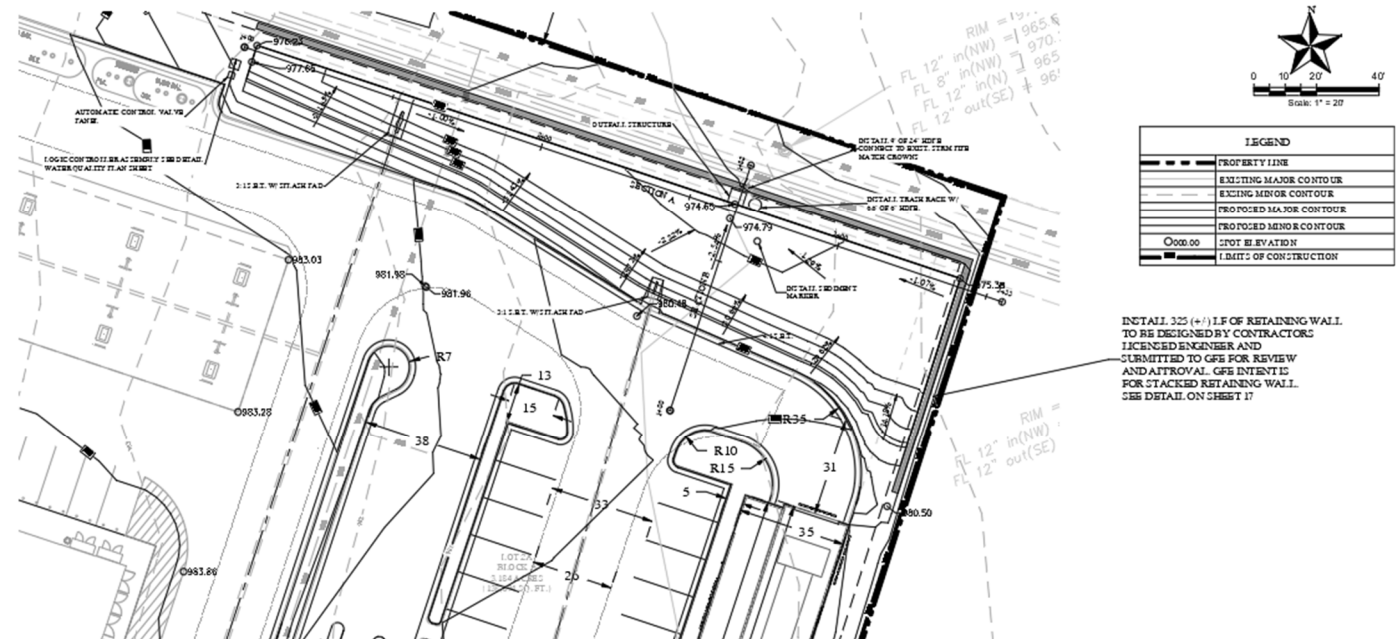
Temporary BMPs will be utilized during construction and permanent BMPs are planned to minimize surface stream contamination of the infrastructure of the project. Temporary BMPs for the construction consist of:

- One construction entrance to reduce hazards transported on tire wheels from entering or exiting the site
- 1247+/- linear feet of silt fence along the down gradient area of the project to reduce particle migration, sediment transport, waste, and other harmful pollutants caused during construction
- One concrete washout area to prevent the discharge of pollutants.
- Litter and trash removal and sanitary septic facilities will be provided during construction

The permanent BMP controls for the site consist of a Detention Basin. Additionally, revegetation measures and landscape maintenance will be employed. These controls were carefully designed to meet the 80 percent removal rate of total suspended solids. Refer to the drainage map for detailed pond location and additional drainage area information.

The temporary BMPs and the permanent BMPs (Batch Detention Basins) have been designed in accordance with the TCEQ Technical Guidance Manual (TGM) RG-348. See Water Quality Calculations for basin designs on the following page.

### Proposed Pond Detention Basin





Detention Pond Elevation-Area-Storage Table					
Elevation delta	Depth (ft)	Contour Area (sf)	Incremental storage (cf)	Cumulative Storage (cf)	Cumulative Storage (ac-ft)
0	974.75	73.89	N/A	0	0.0000000
0.25	975.00	750.58	103.06	103.06	0.0023659
0.25	975.25	2,130.07	360.08	463.14	0.0106322
0.25	975.50	3,552.59	710.33	1173.47	0.0269392
0.25	975.75	4,156.93	963.69	2137.16	0.0490624
0.25	976.00	4,465.29	1077.78	3214.94	0.0738049
0.25	976.25	4,742.81	1151.01	4365.95	0.1002284
0.25	976.50	4,945.13	1210.99	5576.94	0.1280289
0.25	976.75	5,148.12	1261.66	6838.6	0.1569927
0.25	977.00	5,351.79	1312.49	8151.09	0.1871233
0.25	977.25	5,556.12	1363.49	9514.58	0.2184247
0.25	977.50	5,761.12	1414.65	10929.23	0.2509006
0.25	977.75	5,966.79	1465.99	12395.22	0.2845551
0.25	978.00	6,173.13	1517.49	13912.71	0.3193919
0.25	978.25	6,380.13	1569.16	15481.87	0.3554148
0.25	978.50	6,587.81	1620.99	17102.86	0.3926276
0.25	978.75	6,796.15	1673	18775.85	0.4310342
0.25	979.00	7,005.17	1725.16	20501.02	0.4706387
0.25	979.25	7,219.62	1778.1	22279.12	0.5114582
0.25	979.50	7,484.75	1838.05	24117.16	0.5536538
0.25	979.75	7,708.35	1899.14	26016.3	0.5972521
0.25	980.00	7,884.26	1949.08	27965.38	0.6419968



# Water Quality Calculations

Texas Commission on Environmental Quality

TSS Removal Calculations 04-20-2009

Project Name: 7-Eleven at Gracie Lane

Date Prepared: 7/26/2024

Additional information is provided for cells with a red triangle in the upper right corner. Place the cursor over the cell.

Text shown in blue indicate location of instructions in the Technical Guidance Manual - RG-348.

Characters shown in red are data entry fields.

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

## 1. The Required Load Reduction for the total project:

Calculations from RG-348

Pages 3-27 to 3-30

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

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

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

County = Williamson

Total project area included in plan = 3.19 acres

Predevelopment impervious area within the limits of the plan = 0.00 acres

Total post-development impervious area within the limits of the plan = 2.18 acres

Total post-development impervious cover fraction = 0.68

P = 32 inches

$L_M$  TOTAL PROJECT = 1897 lbs.

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

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

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

Drainage Basin/Outfall Area No. = 1

Total drainage basin/outfall area = 3.08 acres

Predevelopment impervious area within drainage basin/outfall area = 0.00 acres

Post-development impervious area within drainage basin/outfall area = 2.18 acres

Post-development impervious fraction within drainage basin/outfall area = 0.71

$L_M$  THIS BASIN = 1897 lbs.

## 3. Indicate the proposed BMP Code for this basin.

Proposed BMP = Batch Pond

Removal efficiency = 91 percent





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

RG-348 Page 3-33 Equation 3.7:  $L_R = (\text{BMP efficiency}) \times P \times (A_i \times 34.6 + A_p \times 0.54)$

where:

$A_C$  = Total On-Site drainage area in the BMP catchment area

$A_i$  = Impervious area proposed in the BMP catchment area

$A_p$  = Pervious area remaining in the BMP catchment area

$L_R$  = TSS Load removed from this catchment area by the proposed BMP

$A_C$  = 3.08 acres

$A_i$  = 2.18 acres

$A_p$  = 0.90 acres

$L_R$  = 2211 lbs

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

Desired  $L_M$  THIS BASIN = 1897 lbs.

$F$  = 0.86

**6. Calculate Capture Volume required by the BMP Type for this drainage basin / outfall area.**

Calculations from RG-348

Pages 3-34 to 3-36

Rainfall Depth = 1.38 inches

Post Development Runoff Coefficient = 0.51

On-site Water Quality Volume = 7920 cubic feet

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

Off-site area draining to BMP = 0.00 acres

Off-site Impervious cover draining to BMP = 0.00 acres

Impervious fraction of off-site area = 0

Off-site Runoff Coefficient = 0.00

Off-site Water Quality Volume = 0 cubic feet

Storage for Sediment = 1584

**Total Capture Volume (required water quality volume(s) x 1.20) = 9504 cubic feet**







## **ATTACHMENT L – BMPS FOR SURFACE STREAMS**

Temporary BMPs consist of silt fence, construction entrance and concrete washout. Permanent BMPs for surface streams include a batch detention pond, revegetation, and landscape maintenance. These practices will help prevent contamination in the surface streams. Refer to Attachment K for a detailed description of these measures

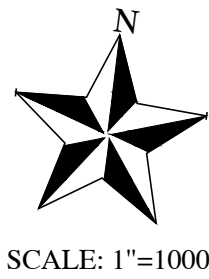
This development will convey storm water to an established stormwater conveyance system along HWY 29 (CTRMA) through existing TxDOT infrastructure. Careful measures have been taken in the design of the pond system and outlet controls.



## **ATTACHMENT M – CONSTRUCTION PLANS**

7-ELEVEN AT GRACIE LANE

SITE DEVELOPMENT PLAN  
LIBERTY HILL, TX  
AUGUST 2024  
2024-32-SDP



Impervious Cover of Proposed Project	Sq. Ft.	Sq. Ft./Acre	Acres
Structures/Rooftops	16,714	+ 43,560 =	0.38
Parking	13,007	+ 43,560 =	0.30
Other paved surfaces	65,444	+ 43,560 =	1.50
Total Impervious Cover	95,165	+ 43,560 =	2.18
% Impervious Cover	68%		

BASED ON THE DESIGN ENGINEER'S CERTIFICATION OF COMPLIANCE WITH ALL APPLICABLE CITY, STATE AND FEDERAL REGULATIONS, THE WASTEWATER PORTION OF THE PLANS AND SPECIFICATIONS CONTAINED HEREIN HAVE BEEN REVIEWED AND ARE FOUND TO BE IN COMPLIANCE WITH THE REQUIREMENTS OF THE CITY OF LIBERTY HILL.

APPROVED BY:

DAVID THOMISON, PUBLIC WORKS DIRECTOR

DATE

JENNIFER GLAESS, P.E., CITY ENGINEER

DATE

PAUL BRANDENBURG, CITY MANAGER

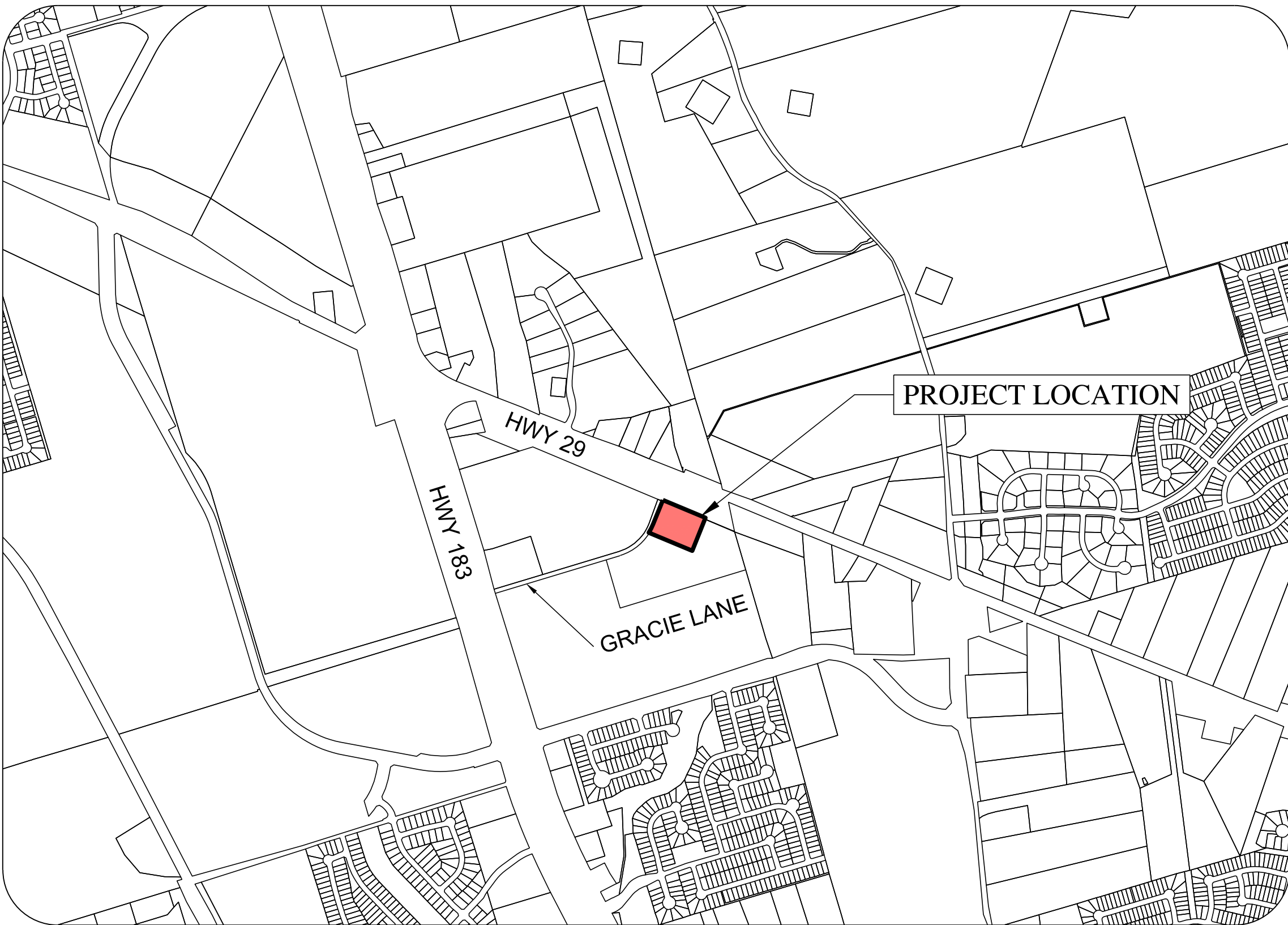
DATE

CRYSTAL MANCILLA, MAYOR

DATE

ELAINE SIMPSON, CITY SECRETARY

DATE



SITE DATA			
PROPERTY OWNER NAME(S):	AMS COMMERCIAL REAL ESTATE SOLUTIONS	PHONE:	(512) 507-7048
ADDRESS:	10731 W. SH 29	CITY/STATE/ZIP:	LIBERTY HILL, TX 78642
ACREAGE:	3.1864	TOTAL IMPERVIOUS COVER:	2.182 ACERS
LEGAL DESCRIPTION:		PROPERTY ADDRESS:	HWY 29 and HWY 183
LAND USE SUMMARY:	GAS STATION AND CAR WASH		
ZONING CLASSIFICATION:	P.U.D.		
PARKING SPACES REQUIRED:	20	SPACES PROVIDED:	67
DATE:			
PERSON PREPARING PLAN/ENGINEER/AGENT:	ANTHONY GOODE	COMPANY:	GOODE FAITH ENGINEERING
ADDRESS:	1620 LA JAITA DR., STE. 300	CITY/STATE/ZIP:	CEDAR PARK, TX, 78613
PHONE:	972.260.9100	FAX:	N/A

INDEX	
SHEET NO	SHEET TITLE
1	COVER
2	GENERAL NOTES
3	FINAL PLAT
4	EXISTING SITE CONDITIONS & DEMOLITION PLAN
5	EROSION & SEDIMENT CONTROL PLAN
6	EROSION & SEDIMENT CONTROL NOTES
7	GRADING PLAN
8	GRACIE LANE - APPROVED DRAINAGE PLAN
9	GUNNER - APPROVED DRAINAGE PLAN
10	DRAINAGE PLAN
11	POND PLAN & DETAILS
12	TCEQ CZP
13	SITE PLAN
14	WATER DISTRIBUTION PLAN
15	WASTEWATER COLLECTION PLAN
16	STORM DRAIN PLAN
17	LANDSCAPE PLAN
18	PHOTOMETRIC PLAN
19	STANDARD DETAILS (1 OF 3)
20	STANDARD DETAILS (2 OF 3)
21	STANDARD DETAILS (3 OF 3)

CIVIL ENGINEER / AGENT  
GOODE FAITH ENGINEERING, LLC  
1620 LA JAITA DR, SUITE 300  
CEDAR PARK, TEXAS, 78613  
CONTACT: ANTHONY H. GOODE, P.E.  
P: (972) 822-1682  
E: ANTHONY@GOODEFAITHENG.COM

SUPPLEMENTAL DOCUMENTS IN ADDITION TO THESE CONSTRUCTION DOCUMENTS:  
- ENGINEER'S DRAINAGE REPORT  
- TCEQ CZP SUBMITTAL  
- GEOTECH REPORT  
- TDLR SUBMITTAL  
- TXDOT DRIVEWAY PERMIT SUBMITTAL  
- GUNNER DRAINAGE DITCH CONSTRUCTION DOCUMENTS

OWNER / DEVELOPER  
AMS COMMERCIAL REAL ESTATE SOLUTIONS  
310 COMAL ST., STE 300  
AUSTIN, TEXAS 78702  
CONTACT: ALAN DAVIS  
P: (512) 507-7048  
E: ADAVIS@AMSCRE.COM

SURVEYOR:

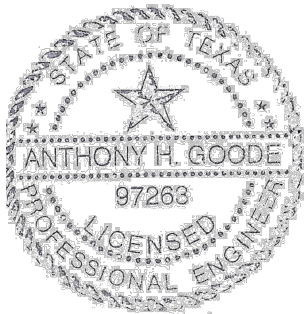
MANHARD CONSULTING  
6448 E HWY 290, STE. B-105  
AUSTIN, TX 78723  
CONTACT: ABRAHAM DASHNER  
RPLS NO. 5901  
P: (512) 244-3395  
E: ADASHNER@MANHARD.COM

PLAN SUBMITTAL/REVIEW LOG

1ST SUBMITTAL TO CITY	05/13/2024
2ND SUBMITTAL TO CITY	08/26/2024

TDLR REGISTRATION NUMBER: TABS2024024930

REVISIONS		
NO.	DESCRIPTION	APPROVAL
1.		
2.		
3.		
4.		
5.		
6.		



SUBMITTED BY:

ANTHONY GOODE, P.E.  
GOODE FAITH ENGINEERING, LLC.  
TYPE FIRM NO. F-22664  
1620 LA JAITA DR. STE 300  
CEDAR PARK, TX, 78613  
(972) P: 822-1682

DATE

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

DRAWN BY

JDL

DATE

08/24/2024

CHECKED BY

AHG

PROJECT NO.

2024-32-SDP



7-ELEVEN AT GRACIE LANE

SITE DEVELOPMENT PLANS



CITY OF LIBERTY HILL GENERAL NOTES  
REVISED JUNE 10, 2024

GENERAL NOTES:

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF ROUND ROCK STANDARD SPECIFICATIONS MANUAL.
- ANY EXISTING UTILITIES, PAVEMENT, CURBS, SIDEWALKS, STRUCTURES, TREES, ETC., NOT PLANNED FOR DESTRUCTION OR REMOVAL THAT ARE DAMAGED OR REMOVED SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL VERIFY ALL DEPTHS AND LOCATIONS OF EXISTING UTILITIES PRIOR TO ANY CONSTRUCTION. ANY DISCREPANCIES WITH THE PLANS FOUND IN THE FIELD SHALL BE BROUGHT IMMEDIATELY TO THE ATTENTION OF THE ENGINEER, WHO SHALL BE RESPONSIBLE FOR REVISING THE PLANS AS APPROPRIATE. FAILURE TO COMPLETE THIS STEP PRIOR TO THE COMMENCEMENT OF CONSTRUCTION MAY RESULT IN SIGNIFICANT DELAYS AND/OR EXPENDITURES FOR WHICH THE CITY SHALL NOT BE HELD LIABLE.
- MANHOLE FRAMES, COVERS, VALVES, CLEANOUTS, ETC., SHALL BE RAISED TO FINISHED GRADE PRIOR TO FINAL PAVING CONSTRUCTION.
- THE CONTRACTOR SHALL GIVE THE CITY OF LIBERTY HILL PLANNING AND DEVELOPMENT DEPARTMENT 48 HOURS' NOTICE BEFORE BEGINNING EACH PHASE OF CONSTRUCTION BY BOTH CALLING (512) 548-5519 AND EMAILING [PLANNING@LIBERTYHILLTX.GOV](mailto:PLANNING@LIBERTYHILLTX.GOV).
- ALL AREAS DISTURBED OR EXPOSED DURING CONSTRUCTION SHALL BE REVEGETATED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. THIS INCLUDES ANY AREAS LOCATED OUTSIDE OF THE DEFINED LIMITS OF CONSTRUCTION (LOC), IN RIGHTS-OF-WAY (ROW), OR LOCATED ON ADJACENT PROPERTIES. REVEGETATION OF ALL DISTURBED OR EXPOSED AREAS SHALL CONSIST OF SODDING OR SEEDING, AT THE CONTRACTOR'S OPTION. HOWEVER, THE TYPE OF REVEGETATION MUST EQUAL OR EXCEED THE TYPE OF VEGETATION PRESENT BEFORE CONSTRUCTION.
- PRIOR TO ANY CONSTRUCTION, THE ENGINEER SHALL CONVEY A PRECONSTRUCTION CONFERENCE BETWEEN THE CITY OF LIBERTY HILL, HIMSELF, THE CONTRACTOR, OTHER UTILITY COMPANIES, ANY AFFECTED PARTIES, AND ANY OTHER ENTITY THE CITY OR ENGINEER MAY REQUIRE.
- THE ENGINEER SHALL FURNISH THE CITY OF LIBERTY HILL WITH ACCURATE "AS-BUILT" DRAWINGS FOLLOWING THE COMPLETION OF ALL CONSTRUCTION. THE CONTRACTOR AND THE ENGINEER SHALL KEEP ACCURATE RECORDS OF ALL CONSTRUCTION THAT DEVIATES FROM THE PLANS. THESE "AS-BUILT" DRAWINGS SHALL MEET ALL APPLICABLE REQUIREMENTS TO THE SATISFACTION OF THE CITY ENGINEER PRIOR TO FINAL SITE INSPECTION APPROVAL. CHANGES TO APPROVED CONSTRUCTION-STAMPED PLANS SHALL REQUIRE AN APPROVED SITE PLAN OR STORMWATER PERMIT AMENDMENT THAT IS APPROVED BY THE CITY PRIOR TO FIELD USE.
- THE CITY OF LIBERTY HILL SHALL NOT BE PETITIONED FOR APPROVAL UNTIL ALL NECESSARY EASEMENT DOCUMENTS HAVE BEEN SIGNED AND RECORDED.
- WHEN CONSTRUCTION IS BEING CARRIED OUT WITHIN EASEMENTS, THE CONTRACTOR SHALL CONVEY THE CONTRACTOR'S WORK TO THE PERMANENT AND ANY TEMPORARY EASEMENTS. PRIOR TO FINAL APPROVAL, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL TRASH AND DEBRIS WITHIN THE PERMANENT AND TEMPORARY EASEMENTS. CLEAN-UP SHALL BE TO THE SATISFACTION OF THE CITY ENGINEER AND/OR DIRECTOR OF PUBLIC WORKS.
- PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL APPLY FOR AND SECURE ALL PROPER PERMITS FROM THE APPROPRIATE AUTHORITIES.
- PRIOR TO FINAL SITE INSPECTION APPROVAL, THE ENGINEER/DEVELOPER/OWNER SHALL SUBMIT TO THE PLANNING AND DEVELOPMENT DEPARTMENT DOCUMENTATION THAT THE SITE WAS INSPECTED BY A TDLR OR A REGISTERED ACCESSIBILITY SPECIALIST (RAS) AND THAT THE SITE IS IN COMPLIANCE WITH THE REQUIREMENTS OF THE TABA.
- AVAILABLE PERMANENT BENCHMARKS WITH VERTICAL DATUM INFORMATION THAT MAY BE UTILIZED FOR THE CONSTRUCTION OF THIS PROJECT ARE DESCRIBED AS FOLLOWS: *[LIST ANY/ALL BENCHMARKS TO BE USED THAT INCLUDE HORIZONTAL (EX: NAD 83) AND VERTICAL (EX: NAVD83) DATUMS AS WELL AS GEOD (EX: 12B)]*
- THE CITY OF LIBERTY HILL HAS NOT REVIEWED THESE PLANS FOR COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA). IT IS THE RESPONSIBILITY OF THE OWNER TO PROVIDE COMPLIANCE WITH ALL LEGISLATION RELATED TO ACCESSIBILITY WITHIN THE LIMITS OF CONSTRUCTION SHOWN IN THESE PLANS.
- NO IMPROVEMENTS OR INFRASTRUCTURE PROPOSED WITHIN THIS APPLICATION WILL BE CONSIDERED FOR DEDICATION AND/OR ACCEPTANCE BY THE CITY OF LIBERTY HILL. ALL IMPROVEMENTS WITHIN THIS PLAN SET SHALL BE DEEMED PRIVATE AND PRIVATELY MAINTAINED. SHOULD ANY DRAWINGS OR PLANS WITHIN THIS APPLICATION INDICATE OTHERWISE, THIS NOTE SHALL CONTROL.
- ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF LIBERTY HILL MUST RELY ON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.
- CONTRACTORS ON SITE SHALL HAVE AN APPROVED SET OF PLANS AT ALL TIMES. FAILURE TO HAVE AN APPROVED PLAN SET MAY RESULT IN A STOP WORK ORDER.

TRENCH SAFETY NOTES:

- IN ACCORDANCE WITH THE LAWS OF THE STATE OF TEXAS AND THE U. S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REGULATIONS, ALL TRENCHES OVER 5 FEET IN DEPTH, IN EITHER HARD AND COMPACT OR SOFT AND UNSTABLE SOIL, SHALL BE SLOPED, SHORED, SHIELDED, BRACED OR OTHERWISE SUPPORTED. FURTHERMORE, ALL TRENCHES LESS THAN 5 FEET IN DEPTH SHALL ALSO BE EFFECTIVELY PROTECTED WHEN HAZARDOUS GROUND MOVEMENT MAY BE EXPECTED. TRENCH SAFETY SYSTEMS TO BE UTILIZED FOR THIS PROJECT SHALL BE PROVIDED AS PART OF A PACKAGE REQUESTED PRIOR TO THE PRECONSTRUCTION MEETING AND ANY CONSTRUCTION ACTIVITIES.
- IN ACCORDANCE WITH THE U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REGULATIONS, WHEN PERSONS ARE IN TRENCHES 4 FEET DEEP OR MORE, ADEQUATE MEANS OF EXIT, SUCH AS A LADDER OR STEPS, MUST BE PROVIDED AND LOCATED SO AS TO REQUIRE NO MORE THAN 25 FEET OF LATERAL TRAVEL.
- IF TRENCH SAFETY SYSTEM DETAILS WERE NOT PROVIDED IN THE PLANS BECAUSE TRENCHES WERE ANTICIPATED TO BE LESS THAN 5 FEET IN DEPTH AND DURING CONSTRUCTION, IT IS FOUND THAT TRENCHES ARE, IN FACT, 5 FEET OR MORE IN DEPTH (OR) TRENCHES LESS THAN 5 FEET IN DEPTH ARE IN AN AREA WHERE HAZARDOUS GROUND MOVEMENT IS EXPECTED, ALL CONSTRUCTION SHALL CEASE, THE TRENCHED AREA SHALL BE BARRICADED, AND THE ENGINEER NOTIFIED IMMEDIATELY. CONSTRUCTION SHALL NOT RESUME UNTIL APPROPRIATE TRENCH SAFETY SYSTEM DETAILS, AS DESIGNED BY A PROFESSIONAL ENGINEER IN THE STATE OF TEXAS, ARE SUBMITTED TO THE CITY OF LIBERTY HILL FOR REVIEW AND APPROVAL.

STREET AND DRAINAGE NOTES:

- ALL TESTING SHALL BE DONE BY AN INDEPENDENT LABORATORY AT THE OWNER'S EXPENSE. ANY RETESTING SHALL BE PAID FOR BY THE CONTRACTOR. A CITY INSPECTOR SHALL BE PRESENT DURING ALL TESTS. TESTING SHALL BE COORDINATED WITH THE CITY OF LIBERTY HILL PUBLIC WORKS DEPARTMENT, AND THEY SHALL BE GIVEN A MINIMUM OF 24 HOURS' NOTICE PRIOR TO ANY TESTING BY BOTH CALLING (512) 548-5529 AND EMAILING [PUBWORKS@LIBERTYHILLTX.GOV](mailto:PUBWORKS@LIBERTYHILLTX.GOV).
- ALL SIDEWALKS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA). THE CITY OF LIBERTY HILL HAS NOT REVIEWED THESE PLANS FOR COMPLIANCE WITH THE ADA OR ANY OTHER ACCESSIBILITY LEGISLATION AND DOES NOT WARRANT OR APPROVE THEM FOR ANY ACCESSIBILITY STANDARDS.
- BACKFILL BEHIND THE CURB SHALL BE COMPACTED TO OBTAIN A MINIMUM OF 95% MAXIMUM DENSITY TO WITHIN 3" OF TOP OF CURB. MATERIAL USED SHALL BE PRIMARILY GRANULAR WITH NO ROCKS LARGER THAN 6" IN THE GREATEST DIMENSION. THE REMAINING 3" SHALL BE CLEAN TOPSOIL FREE FROM ALL CLODS AND SUITABLE FOR SUSTAINING PLANT LIFE.
- THE DEPTH OF COVER FOR ALL CROSSINGS UNDER PAVEMENT, INCLUDING GAS, ELECTRIC, TELEPHONE, TELECOMMUNICATIONS, WATER SERVICES, ETC., SHALL BE A MINIMUM OF 30" BELOW SUBGRADE.
- STREET RIGHTS-OF-WAY SHALL BE GRADED AT A SLOPE OF 1/4" PER FOOT TOWARD THE CURB UNLESS OTHERWISE INDICATED. HOWEVER, IN NO CASE SHALL THE WIDTH OF RIGHT-OF-WAY AT 1/4" PER FOOT SLOPE BE LESS THAN 10 FEET UNLESS A SPECIFIC REQUEST FOR AN ALTERNATE GRADING SCHEME IS REQUESTED TO AND APPROVED BY THE CITY ENGINEER.
- BARRICADES BUILT TO CITY OF LIBERTY HILL STANDARDS SHALL BE CONSTRUCTED ON ALL DEAD-END STREETS AND AS NECESSARY DURING CONSTRUCTION TO MAINTAIN JOB AND PUBLIC SAFETY.

- ALL REINFORCED CONCRETE PIPE (R.C.P.) SHALL BE A MINIMUM CLASS III. ALL PUBLIC R.C.P. SHALL BE A MINIMUM OF 18-INCHES IN DIAMETER.

- THE SUBGRADE MATERIAL FOR THE STREETS SHOWN HEREIN WAS TESTED BY \_\_\_\_ ON THIS DATE: \_\_\_\_ AND THE PAVING SECTIONS DESIGNED IN ACCORDANCE WITH THE CURRENT CITY OF LIBERTY HILL DESIGN CRITERIA. THE PAVING SECTIONS ARE TO BE CONSTRUCTED AS FOLLOWS:

TABLE 4.3: RIGID PAVEMENT SECTION OPTIONS					
Material	Option 1		Option 2		
Traffic Type	Light	Heavy	Light	Heavy	
Portland Cement Concrete	5"	7"	5"	7"	
Low PI Material	—	—	8"	8"	
Lime Stabilized Subgrade	8"	—	—	—	
Compacted Subgrade	—	—	8"	—	

FIGURE 4.2: OPTION 2 FLEXIBLE PAVEMENT TYPICAL SECTION

TABLE 4.2: FLEXIBLE PAVEMENT SECTION OPTIONS					
Material	Option 1		Option 2		
Traffic Type	Light	Heavy	Light	Heavy	
Hot Mix Asphaltic Concrete	2"	3"	2"	3"	
Import Flexible Base	7"	10"	7"	10"	
Lime Stabilized Subgrade	8"	—	—	No	
Geogrid	—	No	—	Yes	
Compacted Subgrade	—	—	8"	—	

- THE GEOTECHNICAL ENGINEER SHALL INSPECT THE SUBGRADE FOR COMPLIANCE WITH THE DESIGN ASSUMPTIONS MADE DURING PREPARATION OF THE APPROVED GEOTECHNICAL REPORT. ANY ADJUSTMENTS THAT ARE REQUIRED SHALL BE MADE THROUGH REVISION OF THE PLANS AND ADDENDUM TO ANY APPROVED GEOTECHNICAL REPORT.

- WHERE PLASTICITY INDEX (PI) IS OVER 20, SUBGRADES MUST BE STABILIZED UTILIZING A METHOD ACCEPTABLE TO THE CITY ENGINEER. THE GEOTECHNICAL ENGINEER SHALL RECOMMEND AN APPROPRIATE SUBGRADE STABILIZATION IF SULFATES ARE DETERMINED TO BE PRESENT. WHEN UTILIZING LIME FOR SOIL STABILIZATION, PLACEMENT SHALL BE IN THE FORM OF LIME SLURRY, NOT PELLETS.

Field Density Control Requirements		
Soil Description	Density, Percent	Moisture Content
	Tex-115-E	
PI<15	≥ 98% D <sub>n</sub> * and ≤ 105% D <sub>s</sub>	N/A
15 ≤ PI ≤ 35	≥ 98% D <sub>n</sub> and ≤ 102% D <sub>s</sub>	≥ W <sub>opt</sub> + 3%
PI > 35	≥ 95% D <sub>n</sub> and ≤ 100% D <sub>s</sub>	≥ W <sub>opt</sub> + 3%

WATER AND WASTEWATER NOTES:

- PIPE MATERIAL FOR WATER MAINS SHALL BE PVC (AWWA C-900, MIN. CLASS 200), OR DUCTILE IRON (AWWA C-100, MIN. CLASS 200). WATER SERVICES (2" OR LESS) SHALL BE POLYETHYLENE TUBING (BLACK, 200 PSI, DR-9).
- PIPE MATERIAL FOR PRESSURE WASTEWATER MAINS SHALL BE PVC (AWWA C-900, MIN. CLASS 150, SDR26 HIGH PRESSURE RATED (160 PSI), OR DUCTILE IRON (AWWA C-100, MIN. CLASS 200).
- PIPE MATERIAL FOR GRAVITY WASTEWATER MAINS SHALL BE PVC (ASTM D2241 OR D3034, MAX. DR-26) AND DUCTILE IRON (AWWA C-100, MIN. CLASS 200).
- UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER, MINIMUM DEPTH OF COVER FOR ALL LINES OUTSIDE OF THE PAVEMENT SHALL BE 42" BELOW FINISHED GRADE AND 30" BELOW SUBGRADE FOR ALL LINES LOCATED IN PAVED AREAS.
- ALL FIRE HYDRANT LEADS SHALL BE DUCTILE IRON PIPE (AWWA C-100, MIN. CLASS 200).
- ALL DUCTILE IRON PIPE AND FITTINGS SHALL BE WRAPPED WITH A MINIMUM OF 8-MIL POLYETHYLENE AND SEALED WITH DUCT TAPE OR AN EQUIVALENT ACCEPTABLE BY THE CITY ENGINEER.
- THE CONTRACTOR SHALL CONTACT THE CITY OF LIBERTY HILL PUBLIC WORKS DEPARTMENT BY BOTH CALLING (512) 548-5529 AND EMAILING [PUBWORKS@LIBERTYHILLTX.GOV](mailto:PUBWORKS@LIBERTYHILLTX.GOV) TO COORDINATE UTILITY TIE-INS AND NOTIFY THEM AT LEAST 48 HOURS PRIOR TO CONNECTING TO ANY EXISTING LINES.
- ALL MANHOLES SHALL BE CONCRETE WITH CAST IRON RING AND COVER. ALL MANHOLES LOCATED OUTSIDE OF THE PAVEMENT SHALL HAVE BOLTED COVERS. CORE CONNECTIONS TO FIBERGLASS MANHOLES SHALL NOT BE ALLOWED.
- THE CONTRACTOR MUST OBTAIN A BULK WATER PERMIT OR PURCHASE AND INSTALL A WATER METER FOR ALL WATER USED DURING CONSTRUCTION. A COPY OF THIS PERMIT MUST ALWAYS BE POSSESSED BY ANY PARTIES WHO UTILIZE WATER.
- LINE FLUSHING OR ANY ACTIVITY USING A LARGE QUANTITY OF WATER MUST BE SCHEDULED WITH THE CITY OF LIBERTY HILL PUBLIC WORKS DEPARTMENT BY BOTH CALLING (512) 548-5529 AND EMAILING [PUBWORKS@LIBERTYHILLTX.GOV](mailto:PUBWORKS@LIBERTYHILLTX.GOV).
- THE CONTRACTOR, AT THE CONTRACTOR'S EXPENSE, SHALL PERFORM STERILIZATION OF ALL POTABLE WATER LINES CONSTRUCTED AND SHALL PROVIDE ALL EQUIPMENT (INCLUDING TESTING GAUGES), SUPPLIES (INCLUDING CONCENTRATED CHLORINE DISINFECTING MATERIAL), AND NECESSARY LABOR REQUIRED FOR THE STERILIZATION PROCEDURE. THE STERILIZATION PROCEDURE SHALL BE MONITORED BY CITY OF LIBERTY HILL PERSONNEL. WATER SAMPLES WILL BE COLLECTED BY THE CITY OF LIBERTY HILL TO VERIFY EACH TREATED LINE HAS ATTAINED AN INITIAL CHLORINE CONCENTRATION OF 50 PPM. WHERE MEANS OF FLUSHING IS NECESSARY, THE CONTRACTOR, AT THE CONTRACTOR'S EXPENSE, SHALL PROVIDE FLUSHING DEVICES AND REMOVE SAID DEVICES PRIOR TO FINAL APPROVAL BY THE CITY OF LIBERTY HILL.
- SAMPLING TAPS SHALL BE BROUGHT UP TO 3 FEET ABOVE GRADE AND SHALL BE EASILY ACCESSIBLE FOR CITY PERSONNEL. AT THE CONTRACTOR'S REQUEST AND IN THE CONTRACTOR'S PRESENCE, SAMPLES FOR BACTERIOLOGICAL TESTING WILL BE COLLECTED BY THE CITY OF LIBERTY HILL NOT LESS THAN 24 HOURS AFTER THE TREATED LINE HAS BEEN FLUSHED OF THE CONCENTRATED CHLORINE SOLUTION AND CHARGED WITH WATER APPROVED BY THE CITY. THE CONTRACTOR SHALL SUPPLY A CHECK OR MONEY ORDER, PAYABLE TO THE CITY OF LIBERTY HILL, TO COVER THE FEE CHARGED FOR TESTING EACH WATER SAMPLE. CITY OF LIBERTY HILL FEE AMOUNTS MAY BE OBTAINED THROUGH THE CITY OF LIBERTY HILL PLANNING AND DEVELOPMENT DEPARTMENT BY BOTH CALLING (512) 548-5519 AND EMAILING [PLANNING@LIBERTYHILLTX.GOV](mailto:PLANNING@LIBERTYHILLTX.GOV).
- THE CONTRACTOR, AT CONTRACTOR'S EXPENSE, SHALL PERFORM QUALITY TESTING FOR ALL WASTEWATER PIPE INSTALLED AND PRESSURE PIPE HYDROSTATIC TESTING OF ALL WATER LINES CONSTRUCTED AND SHALL PROVIDE ALL EQUIPMENT (INCLUDING PUMPS AND GAUGES), SUPPLIES AND LABOR NECESSARY TO PERFORM THE TESTS. QUALITY AND PRESSURE TESTING SHALL BE MONITORED BY CITY OF LIBERTY HILL PERSONNEL.
- THE CONTRACTOR SHALL COORDINATE TESTING WITH THE CITY OF LIBERTY HILL PUBLIC WORKS DEPARTMENT AND PROVIDE NO LESS THAN 24 HOURS' NOTICE PRIOR TO PERFORMING STERILIZATION, QUALITY TESTING OR PRESSURE TESTING BY BOTH CALLING (512) 548-5529 AND EMAILING [PUBWORKS@LIBERTYHILLTX.GOV](mailto:PUBWORKS@LIBERTYHILLTX.GOV).
- THE CONTRACTOR (OR SUBCONTRACTORS) SHALL NOT OPEN OR CLOSE ANY VALVES UNLESS AUTHORIZED BY THE CITY OF LIBERTY HILL PERSONNEL.

- ALL VALVE BOXES AND COVERS SHALL BE CAST IRON.

- ALL WATER SERVICE, WASTEWATER SERVICE AND VALVE LOCATIONS SHALL BE APPROPRIATELY MARKED AS FOLLOWS:

WATER SERVICE	"W" ON TOP OF CURB
WASTEWATER SERVICE	"S" ON TOP OF CURB
VALVE	"V" ON FACE OF CURB

TOOLS FOR MARKING THE CURB SHALL BE PROVIDED BY THE CONTRACTOR. OTHER APPROPRIATE MEANS OF MARKING SERVICE AND VALVE LOCATIONS SHALL BE PROVIDED IN AREAS WITHOUT CURBS. SUCH MEANS OF MARKING SHALL BE AS SPECIFIED BY THE ENGINEER AND APPROVED BY THE CITY OF LIBERTY HILL.

- CONTACT THE CITY OF LIBERTY HILL PUBLIC WORKS DEPARTMENT FOR ASSISTANCE IN OBTAINING EXISTING WATER AND WASTEWATER LOCATIONS BY BOTH CALLING (512) 548-5529 AND EMAILING [PUBWORKS@LIBERTYHILLTX.GOV](mailto:PUBWORKS@LIBERTYHILLTX.GOV).

- WILLAMSON COUNTY ESD NO. 4 SHALL BE NOTIFIED 48 HOURS PRIOR TO TESTING OF ANY BUILDING SPRINKLER PIPING SO THAT THE FIRE DEPARTMENT MAY BE PRESENT TO MONITOR SUCH TESTING BY BOTH CALLING (512) 515-5165 AND EMAILING [MDCKENSB@LIBERTYHILLFIRE.ORG](mailto:MDCKENSB@LIBERTYHILLFIRE.ORG).

- SAND, AS DESCRIBED IN SPECIFICATION ITEM 510 PIPE, SHALL NOT BE USED AS BEDDING FOR WATER AND WASTEWATER LINES. ACCEPTABLE BEDDING MATERIALS ARE PIPE BEDDING STONE, FEA GRAVEL AND, IN LIEU OF SAND, A NATURALLY OCCURRING OR MANUFACTURED STONE MATERIAL, CONFORMING TO ASTM C33 FOR STONE QUALITY AND MEETING THE FOLLOWING GRADATION SPECIFICATION:

SEIVE SIZE	PERCENT RETAINED BY WEIGHT
1/2"	0-2
3/8"	0-2
#4	40-85
#10	95-100

- THE CONTRACTOR IS HEREBY NOTIFIED THAT CONNECTING TO, SHUTTING DOWN, OR TERMINATING EXISTING UTILITY LINES MAY HAVE TO OCCUR AT OFF-PEAK HOURS. SUCH HOURS ARE USUALLY OUTSIDE NORMAL WORKING HOURS (7AM - 4PM) AND POSSIBLY BETWEEN 12 A.M. AND 6 A.M.

- ALL WASTEWATER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) REGULATIONS, 30 TAC CHAPTER 213 AND 317, AS APPLICABLE. ALL WATER CONSTRUCTION SHALL BE IN ACCORDANCE WITH TCEQ REGULATIONS, 30 TAC CHAPTER 200. WHENEVER TCEQ AND CITY OF LIBERTY HILL SPECIFICATIONS CONFLICT, THE MORE STRINGENT SHALL APPLY.

- ALL FIRE LINES MUST BE A MINIMUM OF 6" IN DIAMETER.

- ALL FIRE LINES MUST BE HYDROSTATIC TESTED AT 200 PSI FOR A MINIMUM OF 2 HOURS, TO BE VERIFIED BY THE FIRE CODE OFFICIAL.

- ALL FIRE LINES MUST BE SUPPORTED BY CONCRETE THRUST BLOCKING WHERE NECESSARY. THE BLOCKING MUST BE VERIFIED BY THE FIRE CODE OFFICIAL PRIOR TO COVER UP.

TRAFFIC MARKING NOTES:

- ANY METHODS, STREET MARKINGS AND SIGNAGE NECESSARY FOR WARNING MOTORISTS, WARNING PEDESTRIANS, OR DIVERTING TRAFFIC DURING CONSTRUCTION SHALL CONFORM TO THE TEXAS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (TMUTCD), LATEST EDITION.

- ALL PAVEMENT MARKINGS, MARKERS, PAINT, TRAFFIC BUTTONS, TRAFFIC CONTROLS AND SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH THE TEXAS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION OF HIGHWAYS, STREETS AND BRIDGES AND, THE TEXAS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, LATEST EDITIONS.

EROSION AND SEDIMENTATION CONTROL NOTES:

- EROSION CONTROL MEASURES, SITE WORK, AND RESTORATION WORK SHALL BE IN ACCORDANCE WITH THE CITY OF LIBERTY HILL UNIFIED DEVELOPMENT CODE.
- ALL SLOPES SHALL BE SODDED OR SEEDDED WITH APPROVED GRASS. GRASS MIXTURES OR GROUND COVER SUITABLE TO THE AREA AND SEASON IN WHICH THEY ARE APPLIED.
- SILT FENCES, ROCK BERMS, SEDIMENTATION BASINS AND SIMILARLY RECOGNIZED TECHNIQUES AND MATERIALS SHALL BE EMPLOYED DURING CONSTRUCTION TO PREVENT POINT SOURCE SEDIMENTATION LOADING OF DOWNSTREAM FACILITIES. INSTALLATION AND CONDITION SHALL BE REGULARLY INSPECTED BY THE CITY OF LIBERTY HILL FOR EFFECTIVENESS. ADDITIONAL MEASURES MAY BE REQUIRED IF, IN THE OPINION OF THE CITY ENGINEER, THEY ARE WARRANTED.
- ALL TEMPORARY EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL REVEGETATION HAS BEEN ESTABLISHED AND APPROVAL RECEIVED FROM THE CITY OF LIBERTY HILL. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN ALL TEMPORARY EROSION CONTROL STRUCTURES AND TO REMOVE EACH STRUCTURE AS APPROVED BY THE ENGINEER.
- ALL MUD, DIRT, ROCKS, DEBRIS, ETC., SPILLED, TRACKED, OR OTHERWISE DEPOSITED ON EXISTING PAVED STREETS, DRIVES AND AREAS USED BY THE PUBLIC SHALL BE CLEANED UP IMMEDIATELY.

FIRE DEPARTMENT NOTES:

- GENERAL: ALL DEVELOPMENTS SHALL COMPLY WITH THE CURRENT FIRE CODE, APPENDICES, AND ANY LOCAL AMENDMENTS AS ADOPTED BY THE CITY OF LIBERTY HILL.
- COMBUSTIBLE MATERIALS ON-SITE: ALL WATER LINES SHALL BE TESTED AND FIRE HYDRANTS IN-SERVICE. PRIOR TO BRINGING COMBUSTIBLE MATERIALS (WOOD, PACKAGING, PLASTICS, ETC.) ON ANY JOB SITE.
- FIRE LANES: FIRE APPARATUS ACCESS ROADS/DRIVES SHALL HAVE A MINIMUM UNOBSTRUCTED WIDTH OF 26 FEET. IF RAISED CURBING OR MEDIANS COMPROMISE MINIMUM WIDTH, CURBING SHALL BE MOUNTABLE AND RAISED AREA SHALL CONTAIN NO OBSTRUCTIONS SUCH AS LANDSCAPING, SIGNAGE, GROUND-MOUNTED EQUIPMENT, ETC.
- ALL-WEATHER SURFACE: THE PAVEMENT STRUCTURE FOR FIRE ACCESS ROADS/DRIVES MUST BE ALL-WEATHER SURFACE (ASPHALT/CONCRETE) DESIGNED TO SUPPORT AN 80,000 LB. APPARATUS LOADING.
- GRADE: THE GRADE THROUGH THE FIRE LANE ACCESS SHALL NOT EXCEED 7% AND NO GRADE BREAKS SHALL EXCEED 3%.
- TURNING RADII: TURNING RADII SHALL BE A MINIMUM OF 25-FT INSIDE AND 50-FT OUTSIDE AS MEASURED FROM FACE-OF-CURB (WHEN PRESENT) OR ON DRIVABLE, PAVED SURFACE.
- VERTICAL CLEARANCE: THE VERTICAL CLEARANCE OVER A DESIGNATED FIRE LANE SHALL NOT BE LESS THAN 13'-6".
- EMERGENCY RESPONDER RADIO COVERAGE: ADEQUATE EMERGENCY RESPONDER RADIO COVERAGE SHALL BE REQUIRED FOR ALL NEW BUILDINGS. A PRE-ENHANCEMENT RADIO SURVEY SHALL BE REQUIRED AT THE 80% CONSTRUCTION PHASE FOR CERTAIN BUILDING TYPES BASED ON THE SIZE OF THE BUILDING. PRE-ENHANCEMENT RADIO SURVEY REQUIREMENTS INCLUDE THE FOLLOWING BUILDING TYPES:

- GREATER THAN (5) STORIES
- BELOW GRADE PLANE
- WOOD FRAMED CONSTRUCTION GREATER THAN 50,000 SF
- CONCRETE OR METAL FRAMED CONSTRUCTION GREATER THAN 25,000 SF

- REQUIRED FIRE FLOWS: A PROJECT'S MINIMUM FIRE FLOW FOR THE LARGEST BUILDING SHALL BE MEASURED AT 200 PSI RESIDUAL PRESSURE THAT IS AVAILABLE FOR FIREFIGHTING PER THE FLOWS ON TABLES B.105.1 OR B.105.2 OF THE INTERNATIONAL FIRE CODE (IFC), APPENDIX B. **DISCLAIMER: IT IS THE RESPONSIBILITY OF THE DEVELOPER AND ENGINEER TO ENSURE THESE MINIMUM FIRE FLOW REQUIREMENTS FOR THE SITE ARE MET VIA FLOW TESTING AND WATER MODELING.**

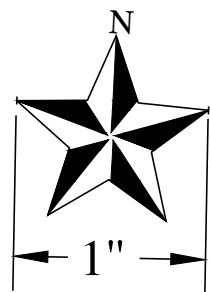
- FIRE DEPARTMENT CONNECTIONS: ALL FDC'S MUST BE OF THE REMOTE TYPE AND CONSTRUCTED TO THE CURRENT ADOPTED FDC DETAIL. THE FDC SHALL HAVE A FIRE HYDRANT LOCATED WITHIN 100' OF THE FDC. FDC SHALL BE IDENTIFIED ON THE SITE VIA SIGNAGE. (WCESD NO. 4 FDC DETAIL MUST BE ATTACHED TO PLANS.)

SUPPLEMENTAL DOCUMENTS IN ADDITION TO THESE CONSTRUCTION DOCUMENTS:

- ENGINEER'S DRAINAGE REPORT
- TCEQ CZP SUBMITTAL
- GEOTECH REPORT
- TDLR SUBMITTAL
- TXDOT DRIVEWAY PERMIT SUBMITTAL

NORTH ARROW/SCALE BAR NOTE:

STAR ON NORTH ARROW IS EXACTLY 1 INCH WIDE IN ALL DIRECTIONS FROM STAR-POINT TO STAR-POINT.



DRAINAGE FOR THIS DEVELOPMENT HAS BEEN DESIGNED SUCH THAT THERE WILL BE NO ADVERSE IMPACTS ON THE CAPACITY, FUNCTION OR INTEGRITY OF TEXAS DEPARTMENT OF TRANSPORTATION RIGHT OF WAY DRAINAGE FACILITIES.

NO WORK SHALL COMMENCE WITHOUT PRECONSTRUCTION MEETING WITH ALL JURISDICTIONS/MUNICIPALITIES ISSUING PERMIT IN ATTENDANCE WHEN POSSIBLE, RESPECTIVE PERMIT IN PLACE, SWPPP BMPS IN PLACE (EROSION AND SEDIMENTATION CONTROL), NOI FILED, TREE PROTECTION INSTALLED, REQUIRED TRAFFIC CONTROL, UTILITY LOCATES AND UTILITY CROSSINGS VERIFIED. NOTIFY ENGINEER IF ANY OF THE ABOVE NEED TO BE MODIFIED FROM PLAN.

INSPECTOR HAS AUTHORITY TO MODIFY THESE INITIAL/PRE-CONSTRUCTION ITEMS AS REQUIRED.

NO MATERIALS SHALL BE INSTALLED PRIOR TO SUBMITTALS FOR THE PROPOSED MATERIAL BEING APPROVED BY ENGINEER OF RECORD IN ACCORDANCE WITH SPECIFICATIONS FORM JURISDICTION ACCEPTING WORK. CONTRACTOR TO SUBMIT COA STANDARD PRODUCT LIST WHEN APPLICABLE.

CONTRACTOR TO COORDINATE JURISDICTIONAL CONSTRUCTION MEETINGS AS REQUIRED AND UPDATE SCHEDULE TRACKING REQUIRED INSPECTIONS, ANTICIPATED COMPLETION DATE FOR EACH PHASE AND COMPLETION OF PROJECT APPROVALS.

FOR SITE WORK:  
INSTALL TCP.  
PREPARATION (DEMOLITION, CLEARING AND GRUBBING MASS GRADING) OF LIMITS OF CONSTRUCTION.  
ROUGH CUT PONDS.  
INSTALL ALL UTILITIES/DRAINAGE STRUCTURES TO BE LOCATED UNDER PROPOSED IMPROVEMENTS.  
COMPLETE ALL UNDERGROUND INSTALLATIONS WITHIN THE LOC.  
TESTING OF ALL UTILITY INFRASTRUCTURE PER SPECIFICATIONS.  
INSTALL INLETS AND INLET PROTECTION.  
INSTALL UTILITY PADS

PREPARE SUBGRADE OF PAVING.  
INSTALL CURBS. INSTALL BASE MATERIAL. INSTALL SURFACE COARSE AND RAISE UTILITY STRUCTURES CASTINGS TO FINISHED GRADE.  
ONCE PAVEMENT IS INSTALLED, VERTICAL BUILDING CONSTRUCTION MAY BEGIN.  
FINISH PONDS.  
INSTALL STRIPING  
SCHEDULE FINAL WALK THROUGH  
SEED AND WATER TO OBTAIN REQUIRED REVEGETATION.  
PUNCH LIST CREATED FROM FINAL WALK THROUGH.  
OBTAIN JURISDICTIONAL, ENGINEER AND OWNER'S SIGNOFF ON SUBSTANTIAL COMPLETION.  
POST MAINTENANCE BOND(S) PER CONTRACT/JURISDICTION SPECIFICATIONS.



CIVIL ENGINEERING AND PLANNING  
(972) 822-1687  
TBPE FIRM REGISTRATION NO. F-22664

7-ELEVEN AT GRACIE LANE

GENERAL NOTES

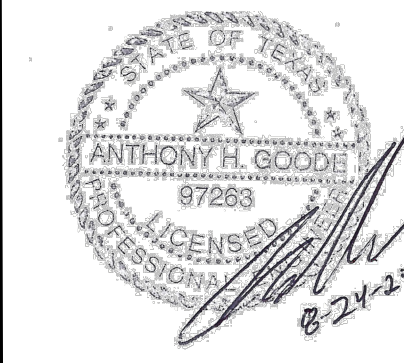
DATE  
08/24/2024

PROJECT NO.  
2024-32-SDP

DESIGNED BY  
JDL

CHECKED BY  
AHG

REVISIONS	NO.	DESCRIPTION	ENGINEER'S	BY	DATE	APPROVAL
	1					
	2					
	3					
	4					
	5					
	6					











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## 7-ELEVEN AT GRACIE LANE

### EXISTING SITE CONDITIONS & DEMOLITION PLAN

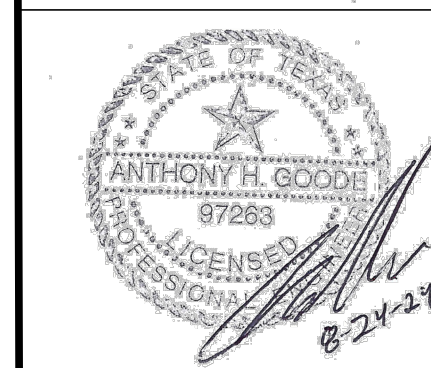
DATE 08/24/2024

PROJECT NO. 2024-32-SDP

DESIGNED BY JDL

CHECKED BY AHG

REVISIONS	NO.	DATE	DESCRIPTION	BY	APPROVAL
	1				
	2				
	3				
	4				
	5				
	6				









EROSION AND SEDIMENT CONTROLS

POTENTIAL POLLUTANTS

POTENTIAL SOURCES OF STORM WATER POLLUTION FROM THE CONSTRUCTION OF THE PROJECT ARE:

1. DISTURBED SOILS FROM THE CONSTRUCTION SITE

INCREASED SEDIMENT LOADING IN STORM WATER CAN BE ATTRIBUTED TO: A)DIRECT RAINFALL ONTO DISTURBED SOIL AREAS, STOCKPILES, SAND, GRAVEL, AND ROCK AREA WHERE RAIN DISLODGES SOIL PARTICLES; B) EROSION OF DISTURBED SOIL AREAS; C) THE TRANSFER OF SOILS BY EQUIPMENT OR VEHICLE TIRES ONTO DISTURBED AND NON-DISTURBED AREAS WHERE THEY ARE WASHED INTO DRAINAGE DITCHES OR OTHER SIMILAR WATER CONVEYANCE FEATURE

2. OIL, GREASE, HYDRAULIC FLUIDS, AND FUELS FROM THE OPERATION OF EQUIPMENT ON THE SITE.

THERE IS A POTENTIAL FOR STORM WATER CONTAMINATION IN THE FORM OF OIL, GREASE, HYDRAULIC FLUID, AND FUEL FROM EQUIPMENT AND VEHICLES ON THE SITE. THESE SUBSTANCES ARE TYPICALLY RELEASED TO THE ENVIRONMENT BECAUSE OF EQUIPMENT FAILURE AND DURING MAINTENANCE OPERATIONS.

SITE LOCATION MAP  
SEE CONSTRUCTION DRAWING PLAN SET PROJECT LOCATION MAP

DETAILED SITE MAP  
SEE CONSTRUCTION DRAWING PLAN SET SITE MAP

RECEIVING WATERS  
FOR IDENTIFICATION OF RECEIVING WATERS ON OR ADJACENT TO THE SITE REFERENCE DETAILED CONSTRUCTION DRAWING PLAN SET "EXISTING CONDITIONS PLAN".

STATE AND LOCAL PLANS  
THE SWPPP IS CONSISTENT WITH REQUIREMENTS SPECIFIED IN APPLICABLE STORM WATER, WATER QUALITY, SEDIMENT, AND EROSION SITE PLANS, PERMITS OR SIMILAR ORDINANCES OF LOCAL, STATE, OR FEDERAL OFFICIALS.

THIS PROJECT IS LOCATED IN THE EDWARDS AQUIFER CONTRIBUTING ZONE.

SEQUENCE OF MAJOR ACTIVITIES

1. INSTALLATION OF TEMPORARY EROSION CONTROLS.  
2. SITE DEMOLITION AND GRADING.  
3. CONSTRUCTION OF FACILITIES.  
4. SITE RESTORATION.  
5. ASPHALT REPAIR, SEEDING, RE-VEGETATION, AND SOIL SURFACE PROTECTION.  
6. REMOVAL OF TEMPORARY EROSION AND SEDIMENTATION CONTROLS.

TEMPORARY AND PERMANENT EROSION CONTROLS

TEMPORARY EROSION AND SEDIMENT CONTROLS WILL CONSIST OF SILT FENCE AND ROCK BERMS ON THE DOWN-GRADIENT PERIMETER OF THE SITE, PRESERVATION OF NATURAL VEGETATION WHERE AVAILABLE AND RECURRING CLEAN UP OF MUD/SOIL TRACKED ONTO ROADWAY.

PERMANENT CONTROLS MAY CONSIST OF ROCK BERMS, SWALES, AND RE-VEGATION. PERMANENT WARM SEASON VEGETATION WILL SERVE AS FINAL STABILIZATION AND WILL REDUCE SURFACE EROSION ON AREAS NOT COVERED BY ASPHALT, CONCRETE.

FOR SPECIFIC LOCATION AND SELECTION OF TEMPORARY AND PERMANENT CONTROLS REFER TO EROSION AND SEDIMENTATION CONTROL PLAN WITHIN CONSTRUCTION DRAWING PLAN SET.

TEMPORARY STABILIZATION

STABILIZATION MEASURES WILL BE INITIATED IN PORTIONS OF THE PROJECT SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED FOR 14 DAYS, BUT IN NO CIRCUMSTANCES MORE THAN 21 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE PROJECT SITE HAS TEMPORARILY OR PERMANENTLY CEASED.

FINAL STABILIZATION

FINAL STABILIZATION OF SITE WILL CONSIST OF ESTABLISHMENT OF PERMANENT WARM SEASON VEGETATION ON PORTIONS OF THE SITE NOT COVERED BY CONCRETE, OR ASPHALT. ESTABLISHMENT OF PERMANENT VEGETATION SUITABLE FOR TPDES GENERAL PERMIT COMPLIANCE MUST MEASURE 70% AERIAL COVERAGE (COMPARED TO BACKGROUND NATIVE VEGETATION AERIAL COVERAGE PERCENTAGE) WITH NO LARGE BARE AREAS. CONTRACTORS MUST MEET VEGETATIVE REQUIREMENT IDENTIFIED BY THE ENGINEER WITHIN THE CONTRACT SPECIFICATION, OR THE HIGHEST REQUIREMENT.

SPOIL/FILL MANAGEMENT

ALL SOIL STOCKPILE, EXCAVATION SPOIL MATERIAL, AND ON-SITE SPOIL DISPOSAL AREAS SHALL BE MANAGED BY THE CONTRACTOR IN A MANNER THAT WILL MINIMIZE OR ATTEMPT TO ELIMINATE THE AMOUNT OF SEDIMENT THAT MAY ENTER RECEIVING WATERS AND SHALL NOT BE LOCATED IN ANY WETLAND, FLOODPLAIN, STREAMBED, DITCH, OR OTHER SIMILAR WATER FEATURE OR CONVEYANCE.

OFF-SITE VEHICLE TRACKING

OFF-SITE VEHICLE TRACKING OF SOIL BY VEHICLES AND EQUIPMENT SHALL BE MINIMIZED AND CONTROLLED BY THE CONTRACTOR. SOIL SHALL BE REMOVED FROM SITE ROADWAYS, ENTRANCE, AND ACCESS ROADS AS NECESSARY TO PREVENT SEDIMENT FROM ENTERING RECEIVING WATERS.

DUST CONTROL

DUST WILL BE CONTROLLED BY PERIODIC WETTING WITH WATER TRUCKS DURING DRY PERIODS.

DEWATERING AND NON-STORMWATER DISCHARGES

ANY NON-STORMWATER DISCHARGES FROM THE CONSTRUCTION SITE WILL BE CONTROLLED AND MANAGED BY THE CONTRACTOR IN COMPLIANCE WITH ALL TCEQ AND LOCAL WATER QUALITY DISCHARGE REQUIREMENTS, INCLUDING BUT NOT LIMITED TO 30 TAC 307, SURFACE WATER QUALITY STANDARDS FOR THE STATE OF TEXAS.

THE FOLLOWING NON-STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES ARE ACCEPTABLE:

1. DISCHARGES FROM FIRE FIGHTING ACTIVITIES  
2. FIRE HYDRANT FLUSHINGS.  
3. VEHICLE, EXTERNAL BUILDING, AND PAVEMENT WASH WATER WHERE DETERGENTS AND SOAPS ARE NOT USED AND WHERE SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE NOT OCCURRED (UNLESS SPILLED MATERIALS HAVE BEEN REMOVED; AND IF LOCAL STATE, OR FEDERAL REGULATIONS ARE APPLICABLE, THE MATERIALS ARE REMOVED ACCORDING TO THOSE REGULATIONS), AND WHERE THE PURPOSE IS TO REMOVE MUD, DIRT, AND DUST.  
4. WATER USED TO CONTROL DUST.

5. POTABLE WATER SOURCES INCLUDING WATERLINE FLUSHINGS.  
6. AIR CONDITIONING CONDENSATE.  
7. UNCONTAMINATED GROUND WATER OR SPRING WATER, INCLUDING FOUNDATION OR FOOTING DRAINS WHERE FLOWS ARE NOT CONTAMINATED WITH INDUSTRIAL MATERIALS SUCH AS SOLVENTS OR OTHER POLLUTANTS.

NON-STORM WATER DISCHARGES WILL, AT A MINIMUM, FLOW THROUGH A SILT FENCE, OR OTHER SUITABLE STRUCTURAL CONTROLS, AND NATURAL VEGETATION (IF AVAILABLE) PRIOR TO LEAVING THE SITE, AS NECESSARY TO MEET COMPLIANCE REQUIREMENTS WITH ALL STATE AND LOCAL WATER QUALITY DISCHARGE REQUIREMENTS, INCLUDING BUT NOT LIMITED TO 30 TAC 307 OR 26 TWC 121, SURFACE WATER QUALITY STANDARDS AND WATER QUALITY CONTROL FRO THE STATE OF TEXAS RESPECTIVELY.

INSPECTION AND MAINTENANCE PROCEDURES

THE FOLLOWING PROCEDURES WILL BE USED TO INSPECT AND MAINTAIN EROSION AND SEDIMENT CONTROLS ON THE CONSTRUCTION SITE.

INSPECTION

ALL CONTROLS WILL BE INSPECTED BY THE CONTRACTOR AT LEAST ONCE PER WEEK ON A SPECIFIC DAY OF THE WEEK SELECTED BY THE CONTRACTOR AT BEGINNING OF PROJECT. (I.E. EACH MONDAY).

AN INSPECTION AND MAINTENANCE REPORT (SEE COPY OF 1 IN SWPPP) WILL BE PERFORMED AND DOCUMENTED DURING EACH WEEKLY INSPECTION. EACH INSPECTION REPORT WILL NOTE ANY EROSION AND SEDIMENTATION CONTROL ITEMS IN NEED OF REPAIR SUCH ASS: DETACHED SILT FENCE/ROCK BERMS, AND SEDIMENT BUILD UP DEPTH CAPTURED BY CONTROLS, ETCETERA.

WHERE A REPORT DOES NOT IDENTIFY ANY INCIDENTS OF NON-COMPLIANCE NOR ANY ITEMS REQUIRING MAINTENANCE, THE REPORT MUST CONTAIN A CERTIFICATION BY THE CONTRACTORS' CERTIFYING EXECUTIVE OFFICER THAT THIS FACILITY OR SITE IS IN COMPLIANCE WITH THE SWPPP AND THE TPDES GENERAL PERMIT (SEE RECORDS SECTION ABOVE). IF THE INSPECTION REPORTS IDENTIFY ITEMS OF NON-COMPLIANCE OR ITEMS THAT REQUIRE MAINTENANCE THEN NO NONE IS REQUIRED TO SIGN OR CERTIFY THE INSPECTION REPORTS.

DIVERSION DIKES, BERMS, OR SWALES WILL BE INSPECTED AND ANY BREACHES OR AREAS WHERE SEDIMENT HAS ESCAPED THE SITE WILL BE NOTED AS WELL.

REPORTS WILL BE ADDRESS CONTROLS THAT FAILED TO OPERATE AS DESIGNED OR PROVED INADEQUATE FOR A PARTICULAR LOCATION AND LOCATIONS WHERE ADDITIONAL MEASURES ARE REQUIRED.

WHEN A CONTROL FAILS TO OPERATE AS DESIGNED, PROVES INADEQUATE FOR A PARTICULAR LOCATION, WHERE ADDITIONAL MEASURES ARE REQUIRED, OR A CONTROL BECOMES DAMAGED TO ESSENTIALLY CAUSE MAJOR REPAIR OR REINSTALLATION, THE CONTRACTOR WILL NOTIFY THE ENGINEER AND THE OWNER IMMEDIATELY.

SEDIMENT BASINS WILL BE INSPECTED FOR DEPTH OF SEDIMENT.

QUALIFICATIONS OF THE INSPECTOR  
THE CONTRACTOR WILL SELECT, AND TRAIN AS NECESSARY, DESIGNATED PERSONNEL RESPONSIBLE FOR THE INSPECTION, REPAIR, SEDIMENT REMOVAL, AND ANY OTHER RELATED MAINTENANCE REQUIRED FOR KEEPING EROSION AND SEDIMENT CONTROLS IN GOOD WORKING ORDER. THE INSPECTION PERSONNEL MUST BE FAMILIAR WITH SWPPP. THE CONTRACTOR SHALL COMPLY WITH THE INSPECTION REQUIREMENTS SPECIFIED IN THE TPDES PERMIT IN SECTION VI

EROSION CONTROL NOTES

1. THE CONTRACTOR SHALL INSTALL EROSION/SEDIMENTATION CONTROLS AND TREE/NATURAL AREA PROTECTIVE FENCING PRIOR TO ANY SITE PREPARATION WORK (CLEARING, GRUBBING OR EXCAVATION).
2. THE PLACEMENT OF EROSION/SEDIMENTATION CONTROLS SHALL BE IN ACCORDANCE WITH THE ENVIRONMENTAL CRITERIA MANUAL AND THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN. THE CITY OF LIBERTY HILL ESC PLAN SHALL BE CONSULTED AND USED AS THE BASIS FOR A TPDES REQUIRED SWPPP. IF A SWPPP IS REQUIRED, IT SHALL BE AVAILABLE FOR REVIEW BY THE CITY OF LIBERTY HILL ENVIRONMENTAL INSPECTOR AT ALL TIMES DURING CONSTRUCTION, INCLUDING AT THE PRE-CONSTRUCTION MEETING. THE CHECKLIST BELOW CONTAINS THE BASIC ELEMENTS THAT SHALL BE REVIEWED FOR PERMIT APPROVAL BY CITY OF LIBERTY HILL ENVIRONMENTAL PLAN REVIEWERS AS WELL AS CITY OF LIBERTY HILL ENVIRONMENTAL INSPECTORS.
3. THE PLACEMENT OF TREE/NATURAL AREA PROTECTIVE FENCING SHALL BE IN ACCORDANCE WITH THE STANDARD NOTES FOR TREE AND NATURAL AREA PROTECTION AND THE APPROVED GRADING/TREE AND NATURAL AREA PLAN.
4. A PRE-CONSTRUCTION CONFERENCE SHALL BE HELD ON-SITE WITH THE CONTRACTOR, DESIGN ENGINEER/PERMIT APPLICANT AND CITY INSPECTOR AFTER INSTALLATION OF THE EROSION/SEDIMENTATION CONTROLS AND TREE/NATURAL AREA PROTECTION MEASURES AND PRIOR TO BEGINNING ANY SITE PREPARATION WORK.
5. ANY MAJOR VARIATION IN MATERIALS OR LOCATIONS OF CONTROLS OR FENCES FROM THOSE SHOWN ON THE APPROVED PLANS WILL REQUIRE A REVISION AND MUST BE APPROVED BY THE REVIEWING ENGINEER, ENVIRONMENTAL SPECIALIST OR CITY INSPECTOR AS APPROPRIATE. MINOR CHANGES TO BE MADE AS FIELD REVISIONS TO THE EROSION AND SEDIMENTATION CONTROL PLAN MAY BE REQUIRED BY THE CITY OR ENGINEER INSPECTOR DURING THE COURSE OF CONSTRUCTION TO CORRECT CONTROL INADEQUACIES.
6. THE CONTRACTOR IS REQUIRED TO INSPECT THE CONTROLS AND FENCES AT WEEKLY INTERVALS AND AFTER SIGNIFICANT RAINFALL EVENTS TO INSURE THAT THEY ARE FUNCTIONING PROPERLY. THE PERSON(S) RESPONSIBLE FOR MAINTENANCE OF CONTROLS AND FENCES SHALL IMMEDIATELY MAKE ANY NECESSARY REPAIRS TO DAMAGED AREAS. SILT ACCUMULATION AT CONTROLS MUST BE REMOVED WHEN THE DEPTH REACHES SIX (6) INCHES.
7. PRIOR TO FINAL ACCEPTANCE BY THE CITY, HAUL ROADS AND WATERWAY CROSSINGS CONSTRUCTED FOR TEMPORARY CONTRACTOR ACCESS MUST BE REMOVED, ACCUMULATED SEDIMENT REMOVED FROM THE WATERWAY AND THE AREA RESTORED TO THE ORIGINAL GRADE AND REVEGETATED. ALL LAND CLEARING DEBRIS SHALL BE DISPOSED OF IN APPROVED SPOIL DISPOSAL SITES.
8. ALL WORK MUST STOP IF A VOID IN THE ROCK SUBSTRATE IS DISCOVERED WHICH IS; ONE SQUARE FOOT IN TOTAL AREA; BLOWS AIR FROM WITHIN THE SUBSTRATE AND/OR CONSISTENTLY RECEIVES WATER DURING ANY RAIN EVENT. AT THIS TIME IT IS THE RESPONSIBILITY OF THE PROJECT MANAGER TO IMMEDIATELY CONTACT A CITY OF LIBERTY HILL INSPECTOR FOR FURTHER INVESTIGATION.
9. TEMPORARY AND PERMANENT EROSION CONTROL: ALL DISTURBED AREAS SHALL BE RESTORED AS NOTED BELOW.
- A. ALL DISTURBED AREAS TO BE REVEGETATED ARE REQUIRED TO PLACE A MINIMUM OF SIX (6) INCHES OF TOPSOIL [SEE STANDARD SPECIFICATION ITEM NO. 601S.3(A)]. DO NOT ADD TOPSOIL WITHIN THE CRITICAL ROOT ZONE OF EXISTING TREES. THE TOPSOIL SHALL BE COMPOSED OF 4 PARTS OF SOIL MIXED WITH 1 PART COMPOST, BY VOLUME. THE COMPOST SHALL MEET THE DEFINITION OF COMPOST AS DEFINED BY TXDOT SPECIFICATION ITEM 161. THE SOIL SHALL BE LOCALLY AVAILABLE NATIVE SOIL THAT MEETS THE FOLLOWING SPECIFICATIONS:
- SHALL BE FREE OF TRASH, WEEDS, DELETERIOUS MATERIALS, ROCKS, AND DEBRIS.
  - 100% SHALL PASS THROUGH A 1.5-INCH (38-MM) SCREEN.
  - SOIL TO BE A LOAMY MATERIAL THAT MEETS THE REQUIREMENTS OF THE TABLE BELOW IN ACCORDANCE WITH THE USDA TEXTURAL TRIANGLE. SOIL KNOWN LOCALLY AS "RED DEATH" IS NOT AN ALLOWABLE SOIL. TEXTURAL COMPOSITION SHALL MEET THE FOLLOWING CRITERIA:

TEXTURAL CLASS	MINIMUM	MAXIMUM
CLAY	5%	50%
SILT	10%	50%
SAND	15%	67%

- AN OWNER/ENGINEER MAY PROPOSE USE OF ONSITE SALVAGED TOPSOIL WHICH DOES NOT MEET THE SOIL TEXTURE CLASS REQUIRED ABOVE BY PROVIDING A SOIL ANALYSIS AND A WRITTEN STATEMENT FROM A QUALIFIED PROFESSIONAL IN SOILS, LANDSCAPE ARCHITECTURE, OR AGRONOMY INDICATING THE ONSITE TOPSOIL WILL PROVIDE AN EQUIVALENT GROWTH MEDIA AND SPECIFYING WHAT, IF ANY, SOIL AMENDMENTS ARE REQUIRED.

- SOIL AMENDMENTS SHALL BE WORKED INTO THE EXISTING ONSITE TOPSOIL WITH A DISC OR TILLER TO CREATE A WELL-BLENDED MATERIAL.

TOPSOIL SALVAGED FROM THE EXISTING SITE MAY OFTEN BE USED, BUT IT SHOULD MEET THE SAME STANDARDS AS SET FORTH IN THESE STANDARDS.

THE VEGETATIVE STABILIZATION OF AREAS DISTURBED BY CONSTRUCTION SHALL BE AS FOLLOWS:

TEMPORARY VEGETATIVE STABILIZATION:

1. FROM SEPTEMBER 15 TO MARCH 1, SEEDING SHALL BE WITH COOL SEASON COVER CROPS (WHEAT AT 0.5 POUNDS PER 1000 SF, OATS AT 0.5 POUNDS PER 1000 SF, CEREAL RYE GRAIN AT 0.5 POUNDS PER 1000 SF) WITH A TOTAL RATE OF 1.5 POUNDS PER 1000 SF. COOL SEASON COVER CROPS ARE NOT PERMANENT EROSION CONTROL.
2. FROM MARCH 2 TO SEPTEMBER 14, SEEDING SHALL BE WITH BUFFALO AT A RATE OF 1 POUNDS PER 1000 SF.
- A. FERTILIZER SHALL BE WATER SOLUBLE WITH AN ANALYSIS OF 15-15-15 TO BE APPLIED ONCE AT PLANTING AND ONCE DURING THE PERIOD OF ESTABLISHMENT AT A RATE OF 1/2 POUND PER 1000 SF.
- B. HYDROMULCH SHALL COMPLY WITH TABLE1, BELOW.
- C. TEMPORARY EROSION CONTROL SHALL BE ACCEPTABLE WHEN THE GRASS HAS GROWN AT LEAST 1.5 INCHES HIGH WITH 95% COVERAGE, PROVIDED NO BARE SPOTS LARGER THAN 16 SQUARE FEET EXIST.
- D. WHEN REQUIRED, NATIVE GRASS SEEDING SHALL COMPLY WITH REQUIREMENTS OF THE CITY OF AUSTIN ENVIRONMENTAL CRITERIA MANUAL.

TABLE 1: HYDROMULCHING FOR TEMPORARY VEGETATIVE STABILIZATION

MATERIAL	DESCRIPTION	LONGEVITY	TYPICAL APPLICATIONS	LONGEVITY
100% OR ANY BLEND OF WOOD, CELLULOSE, STRAW, AND/OR COTTON PLANT MATERIAL (EXCEPT NO MULCH SHALL EXCEED 30% PAPER)	70% OR GREATER WOOD/STRAW 30% OR LESS PAPER OR NATURAL FIBERS	0-3 MONTH	MODERATE SLOPES; FROM FLAT TO 3:1	MODERATE SLOPES; FROM FLAT TO 3:1

PERMANENT VEGETATIVE STABILIZATION:

1. FROM SEPTEMBER 15 TO MARCH 1, SEEDING IS CONSIDERED TO BE TEMPORARY STABILIZATION ONLY. IF COOL SEASON COVER CROPS EXIST WHERE PERMANENT VEGETATIVE STABILIZATION IS DESIRED, THE GRASSES SHALL BE MOWED TO A HEIGHT OF LESS THAN ONE-HALF (½) INCH AND THE AREA SHALL BE RE-SEEDED IN ACCORDANCE WITH 2. BELOW.
2. FROM MARCH 2 TO SEPTEMBER 14, SEEDING SHALL BE WITH BUFFALO AT A RATE OF 1 POUND PER 1000 SF WITH A PURITY OF 95% WITH 85% GERMINATION. BUFFALO GRASS IS A WARM SEASON GRASS AND IS CONSIDERED PERMANENT EROSION CONTROL.
- A. FERTILIZER SHALL BE A WATER SOLUBLE WITH AN ANALYSIS OF 15-15-15 TO BE APPLIED ONCE AT PLANTING AND ONCE DURING THE PERIOD OF ESTABLISHMENT AT A RATE OF ½ POUND PER 1000 SF.
- B. HYDROMULCH SHALL COMPLY WITH TABLE 2, BELOW.
- C. THE PLANTED AREA SHALL BE IRRIGATED OR SPRINKLED IN A MANNER THAT WILL NOT ERODE THE TOPSOIL, BUT WILL SUFFICIENTLY SOAK THE SOIL TO A DEPTH OF SIX INCHES. THE IRRIGATION SHALL OCCUR AT DAILY INTERVALS (MINIMUM) DURING THE FIRST TWO MONTHS. RAINFALL OCCURRENCES OF ½ INCH OR MORE SHALL POSTPONE THE WATERING SCHEDULE FOR ONE WEEK
- D. PERMANENT EROSION CONTROL SHALL BE ACCEPTABLE WHEN THE GRASS HAS GROWN AT LEAST 1.5 INCHES HIGH WITH 95% COVERAGE, PROVIDED NO BARE SPOTS LARGER THAN 16 SQUARE FEET EXIST.

	DESCRIPTION	LONGEVITY	TYPICAL APPLICATIONS	APPLICATION RATES
BONDED FIBER MATRIX (BFM)	80% ORGANIC DEFIBRATED FIBERS 10% TACKIFIER	6 MONTHS	ON SLOPES UP TO 2:1 AND EROSION SOIL CONDITIONS	2500 TO 4500 LBS PER ACRE (SEE MANUFACTURERS RECOMENDATIONS)
FIBER REINFORCED MATRIX (FRM)	65% ORGANIC DEFIBRATED FIBERS 25% REINFORCING FIBERS OR LESS 10% TACKIFIER	UP TO 12 MONTHS	ON SLOPES UP TO 1:1 AND EROSION SOIL CONDITIONS	3000 TO 4500 LBS PER ACRE (SEE MANUFACTURERS RECOMENDATIONS)

11. THE CONTRACTOR SHALL NOT DISPOSE OF SURPLUS EXCAVATED MATERIAL FROM THE SITE WITHOUT NOTIFYING THE CITY INSPECTOR AT LEAST 48 HOURS PRIOR WITH THE LOCATION AND A COPY OF THE PERMIT ISSUED TO RECEIVE THE MATERIAL.

NOTE: ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY INSPECTOR AT TIME OF CONSTRUCTION.

NOTE: ALL DISTURBED AREAS SHALL BE RE-VEGETATED TO MEET THE REQUIREMENTS OF LIBERTY HILL'S ORDINANCES.



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TBPE FIRM REGISTRATION NO. F-22664

7-ELEVEN AT GRACIE LANE

EROSION & SEDIMENT CONTROL NOTES

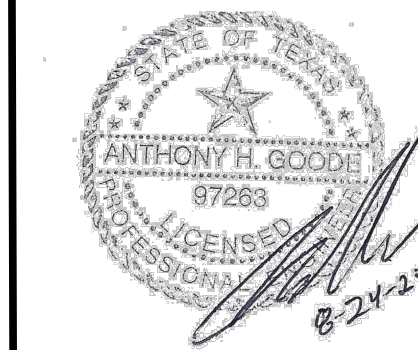
DATE  
08/24/2024

PROJECT NO.  
2024-32-SDP

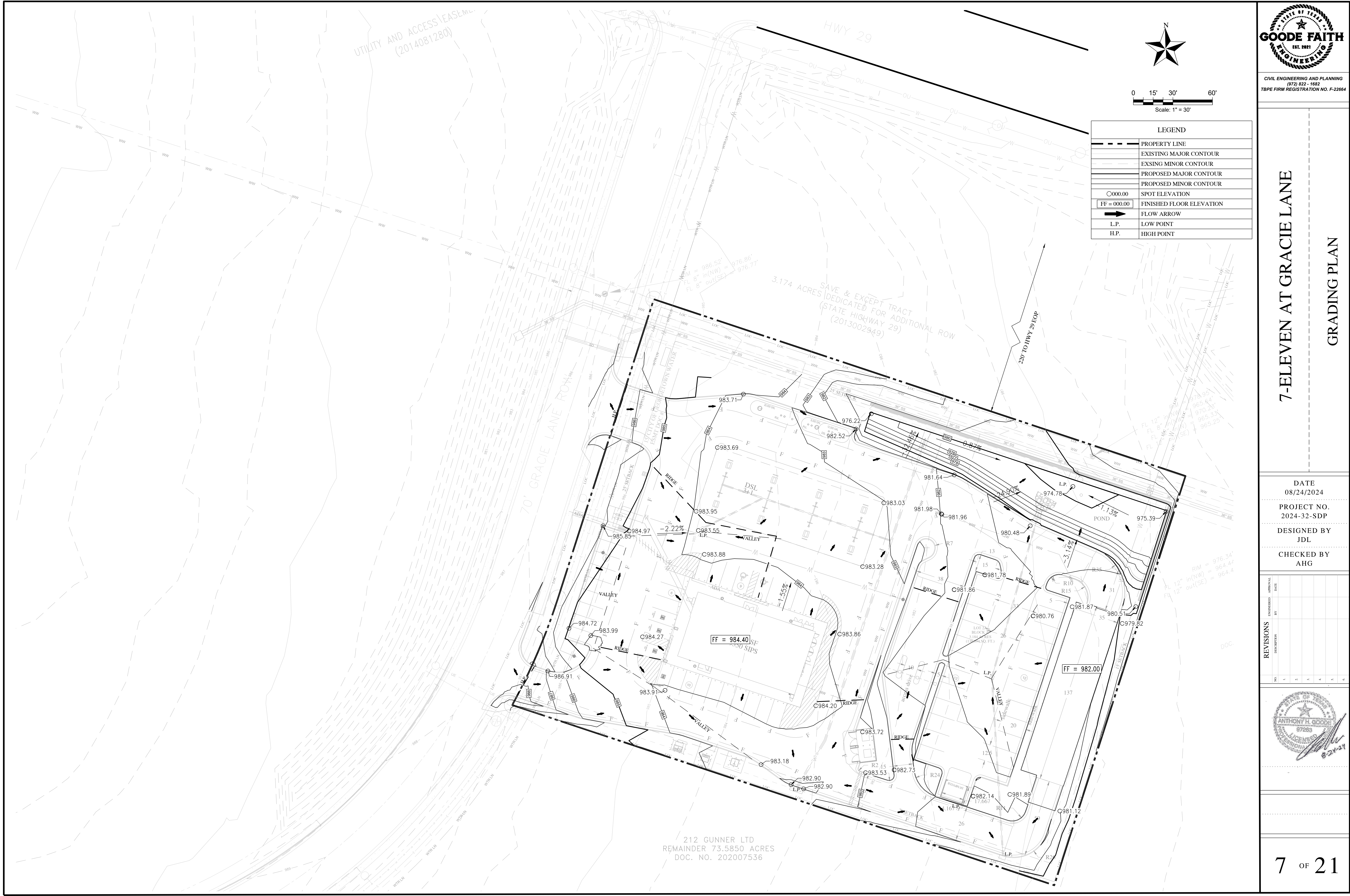
DESIGNED BY  
JDL

CHECKED BY  
AHG

REVISIONS	NO.	DESCRIPTION	BY	DATE	APPROVAL
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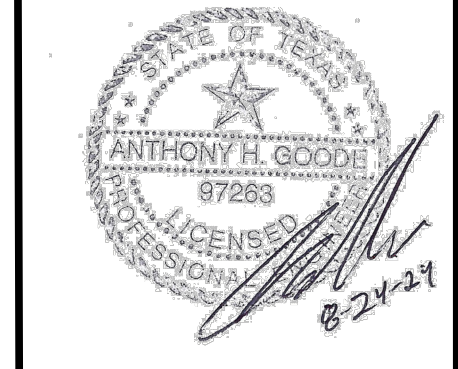
CIVIL ENGINEERING AND PLANNING  
(872) 822-1882  
TBPB FIRM REGISTRATION NO. F-22664

# 7-ELEVEN AT GRACIE LANE

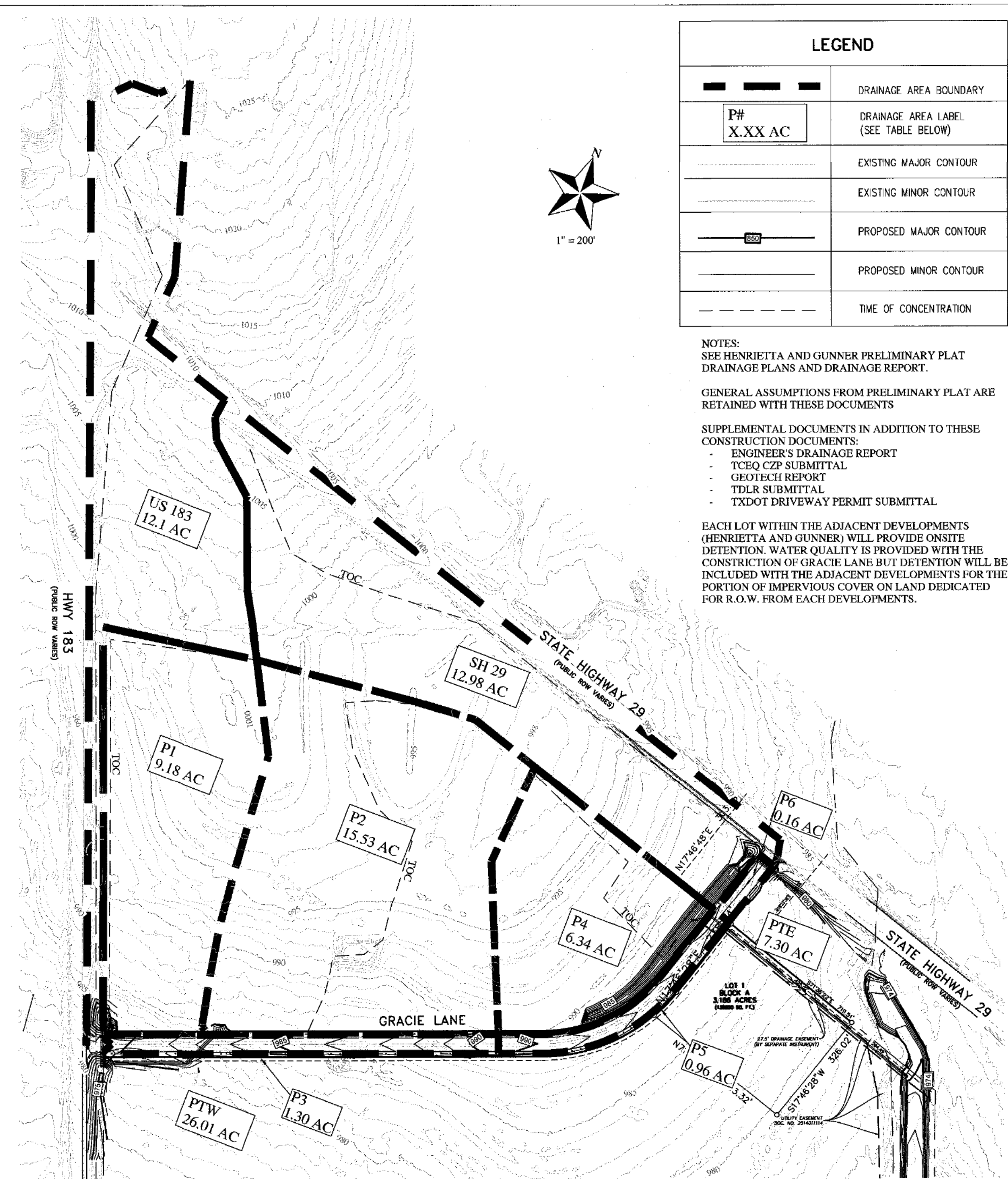
## GRADING PLAN

DATE  
08/24/2024  
PROJECT NO.  
2024-32-SDP  
DESIGNED BY  
JDL  
CHECKED BY  
AHG

REVISIONS	APPROVAL	DATE
ENGINEERED	BY	
DESCRIPTION		
1		
2		
3		
4		
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PROPOSED DRAINAGE PLAN

LEGEND	
	DRAINAGE AREA BOUNDARY
	DRAINAGE AREA LABEL (SEE TABLE BELOW)
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	TIME OF CONCENTRATION

NOTES:  
SEE HENRIETTA AND GUNNER PRELIMINARY PLAT DRAINAGE PLANS AND DRAINAGE REPORT.

GENERAL ASSUMPTIONS FROM PRELIMINARY PLAT ARE RETAINED WITH THESE DOCUMENTS

SUPPLEMENTAL DOCUMENTS IN ADDITION TO THESE CONSTRUCTION DOCUMENTS:

- ENGINEER'S DRAINAGE REPORT
- TCEQ C22 SUBMITTAL
- GEOTECH REPORT
- TDLR SUBMITTAL
- TXDOT DRIVEWAY PERMIT SUBMITTAL

EACH LOT WITHIN THE ADJACENT DEVELOPMENTS (HENRIETTA AND GUNNER) WILL PROVIDE ONSITE DETENTION. WATER QUALITY IS PROVIDED WITH THE CONSTRUCTION OF GRACIE LANE BUT DETENTION WILL BE INCLUDED WITH THE ADJACENT DEVELOPMENTS FOR THE PORTION OF IMPERVIOUS COVER ON LAND DEDICATED FOR R.O.W. FROM EACH DEVELOPMENTS.

Proposed Drainage Calculations										
	Acres	Tc (min)	Impervious Cover (%)	Weighted Curve Number (TYPE D SOIL, 84)	Q - 2 year (cfs)	Q - 5 year (cfs)	Q - 10 year (cfs)	Q (25 year) (cfs)	Q (50 year) (cfs)	Q (100 year) (cfs)
P1	9.18	12.00	85%	95.9	38.9	49.7	58.8	72.2	82.7	93.8
P2	15.53	12.00	85%	95.9	65.8	84.2	99.5	122.2	140.0	158.7
P3	1.30	5.00	100%	98.0	7.3	9.2	10.9	13.2	15.1	17.1
PTW	26.01				157.6	203.7	242.3	299.0	343.6	390.5
P4	6.34	12.00	85%	95.9	26.9	34.4	40.6	49.9	57.1	64.8
P5	0.96	5.00	100%	98.0	5.4	6.8	8.0	9.8	11.1	12.6
PTE	7.30				30.6	39.1	46.2	56.7	64.9	73.5
P6	0.16	5.00	100%	98.0	0.9	1.1	1.3	1.6	1.9	2.1
HWY 29	12.98	10.00	20%	86.8	48.3	65.5	80.2	101.4	118.1	135.6
HWY 183	12.10	10.00	50%	91.0	48.5	64.3	77.6	97.1	112.3	128.4
TxDOT	7.30				49.0	66.4	81.2	102.7	119.6	137.3

Assumes 12 min TC and 85% IC for developed conditions. Existing TCs are P1=18.3 P2=17.8 P4=15.5 min. FOR (L1) R/OOK & HENRIETTA (34 AC.)

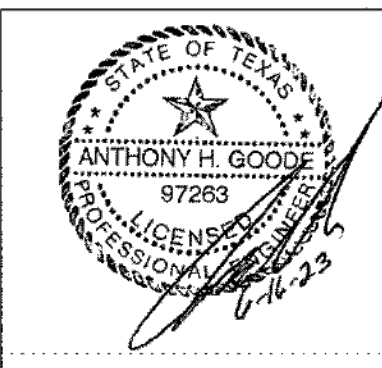
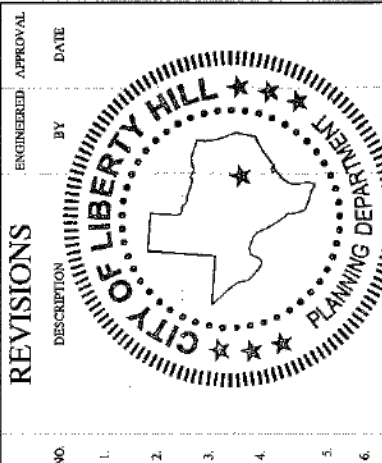
Assumes 12 min Tc and 85% IC for developed conditions. Existing Tc's are P1 = 18.3, P2 = 17.8, P4 = 15.5 MIN. FOR LOT 1 BLOCK A HENRIETTA (34 AC)



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GRACIE LANE  
CONSTRUCTION DOCUMENTS  
GRACIE LANE DRAINAGE

DATE  
06/16/2023  
PROJECT NO.  
22-022.0  
DESIGNED BY  
JDL  
CHECKED BY  
AHG



PLAT DOC NO.



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7-ELEVEN AT GRACIE LANE  
GRACIE LANE - APPROVED DRAINAGE PLAN

DATE  
08/24/2024  
PROJECT NO.  
2024-32-SDP  
DESIGNED BY  
JDL  
CHECKED BY  
AHG

REVISIONS		ENGINEERED BY	APPROVAL DATE
NO.	DISCUSSION		
1.			
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7-ELEVEN AT GRACIE LANE

GUNNER - APPROVED DRAINAGE PLAN

DATE  
08/24/2024

PROJECT NO.  
2024-32-SDP

DESIGNED BY  
JDL

CHECKED BY  
AHG

REVISIONS	DATE	BY	DESCRIPTION




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GUNNER PRELIMINARY PLATS

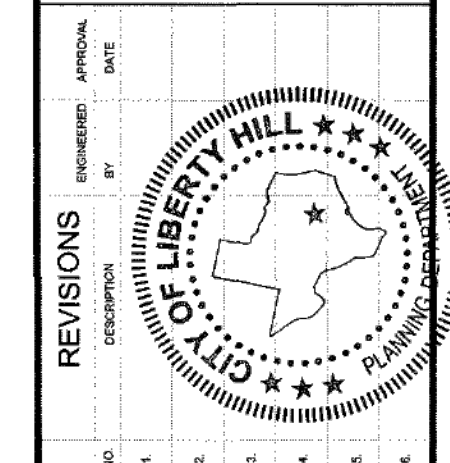
DRAINAGE PLAN

DATE  
11/15/2022

PROJECT NO.  
22-006.0

DESIGNED BY  
JDL

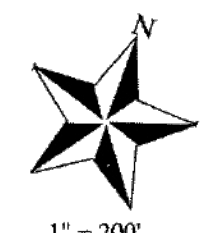
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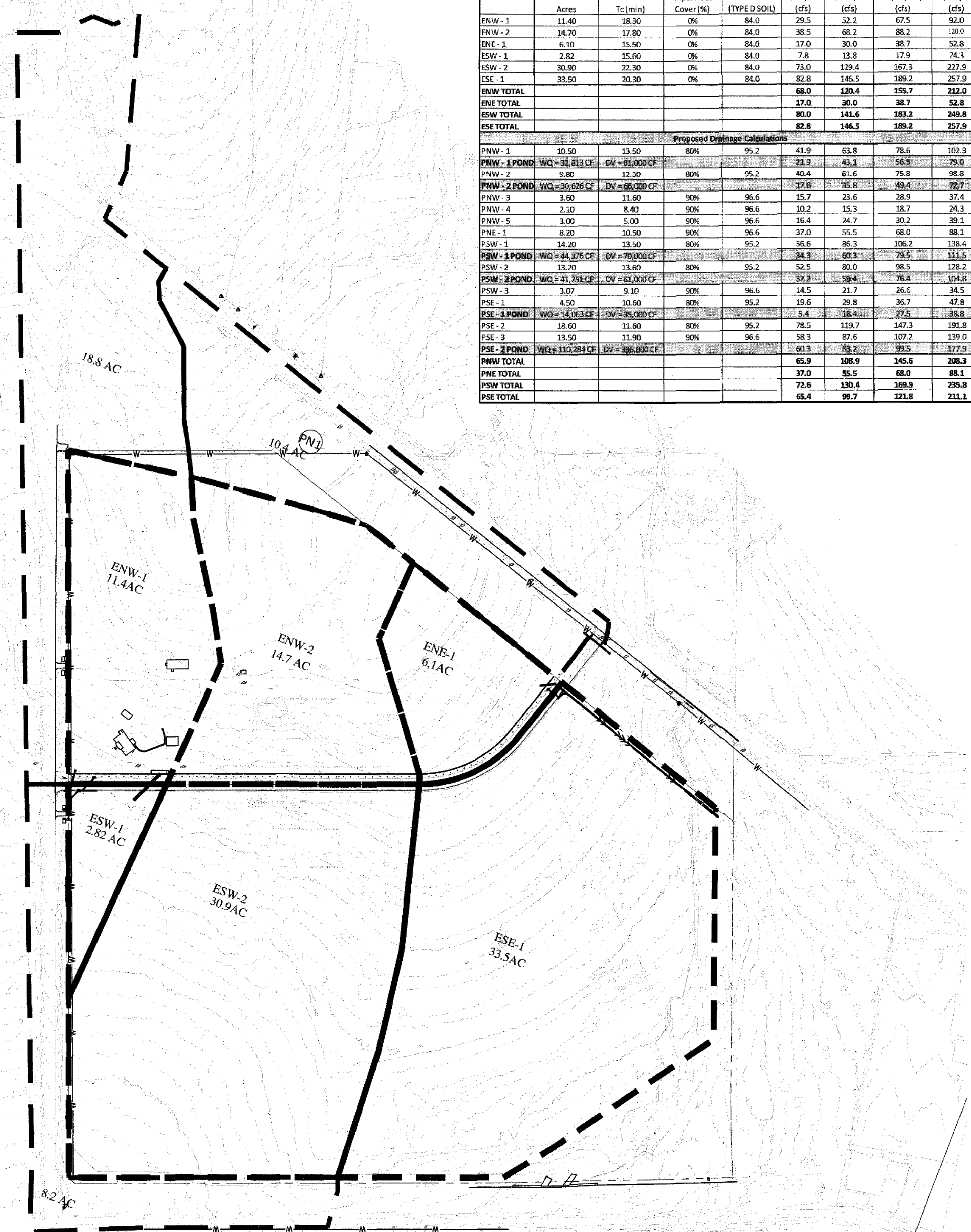
8 OF 26

LEGEND	
	DRAINAGE AREA BOUNDARY
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	TIME OF CONCENTRATION

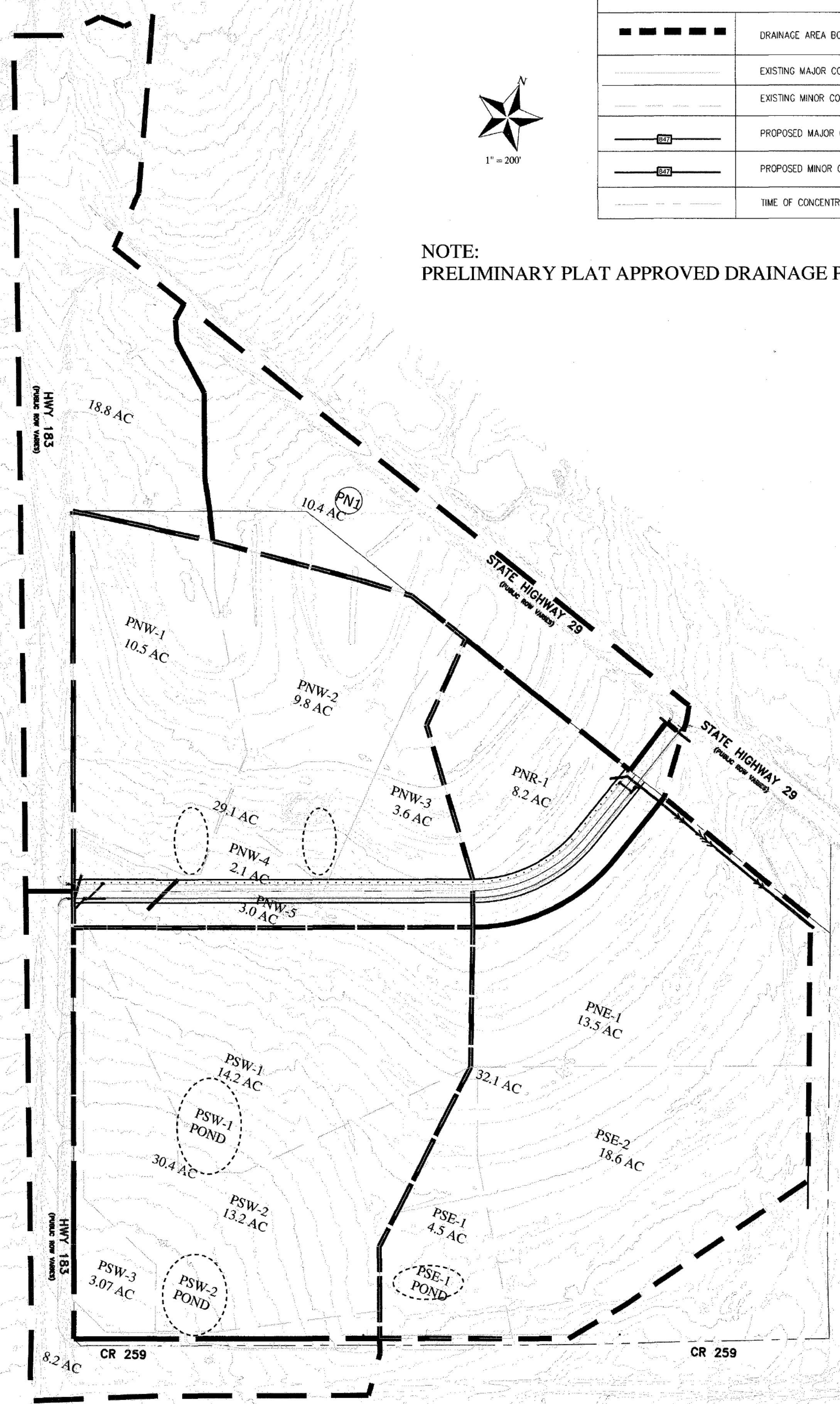


NOTE:  
PRELIMINARY PLAT APPROVED DRAINAGE PLAN

Existing Drainage Calculations							
	Acres	Tc (min)	Impervious Cover (%)	Curve Number (TYPE D SOIL)	Q - 2 year (cfs)	Q - 10 year (cfs)	Q (25 year) (cfs)
ENW - 1	11.40	18.30	0%	84.0	29.5	52.2	67.5
ENW - 2	14.70	17.80	0%	84.0	38.5	68.2	88.2
ENE - 1	6.10	15.50	0%	84.0	17.0	30.0	38.7
ESW - 1	2.82	15.60	0%	84.0	7.8	13.8	17.9
ESW - 2	30.90	22.30	0%	84.0	73.0	129.4	167.3
ESE - 1	33.50	20.30	0%	84.0	82.8	146.5	189.2
ENW TOTAL					68.0	120.4	155.7
ENE TOTAL					17.0	30.0	38.7
ESW TOTAL					80.0	141.6	183.2
ESE TOTAL					82.8	146.5	189.2
Proposed Drainage Calculations							
PNW - 1	10.50	13.50	80%	95.2	41.9	63.8	78.6
PNW - 1 POND	WQ = 32,813 CF	DV = 61,000 CF			21.9	43.1	56.3
PNW - 2	9.80	12.50	80%	95.2	40.4	61.6	75.9
PNW - 2 POND	WQ = 30,626 CF	DV = 66,000 CF			17.8	35.8	49.4
PNW - 3	3.60	11.60	90%	96.6	15.7	23.6	28.9
PNW - 4	2.10	8.40	90%	96.6	10.2	15.3	18.7
PNW - 5	3.00	5.00	90%	96.6	16.4	24.7	30.2
PNE - 1	8.20	10.50	90%	96.6	37.0	55.5	68.0
PSW - 1	14.20	13.50	80%	95.2	56.6	86.3	106.2
PSW - 1 POND	WQ = 44,376 CF	DV = 70,000 CF			34.3	60.3	79.5
PSW - 2	13.20	13.60	80%	95.2	52.5	80.0	98.5
PSW - 2 POND	WQ = 41,251 CF	DV = 61,000 CF			32.2	59.4	76.4
PSW - 3	3.07	9.10	90%	96.6	14.5	21.7	26.6
PSE - 1	4.50	10.60	80%	95.2	19.6	29.8	36.7
PSE - 1 POND	WQ = 14,063 CF	DV = 35,000 CF			5.4	18.4	27.5
PSE - 2	18.60	11.60	80%	95.2	78.5	119.7	147.3
PSE - 3	13.50	11.90	90%	96.6	58.3	87.6	107.2
PSE - 2 POND	WQ = 110,284 CF	DV = 336,000 CF			60.3	83.2	99.5
PNW TOTAL					65.9	108.9	145.6
PNE TOTAL					37.0	55.5	68.0
PSW TOTAL					72.6	130.4	169.9
PSE TOTAL					65.4	99.7	121.8



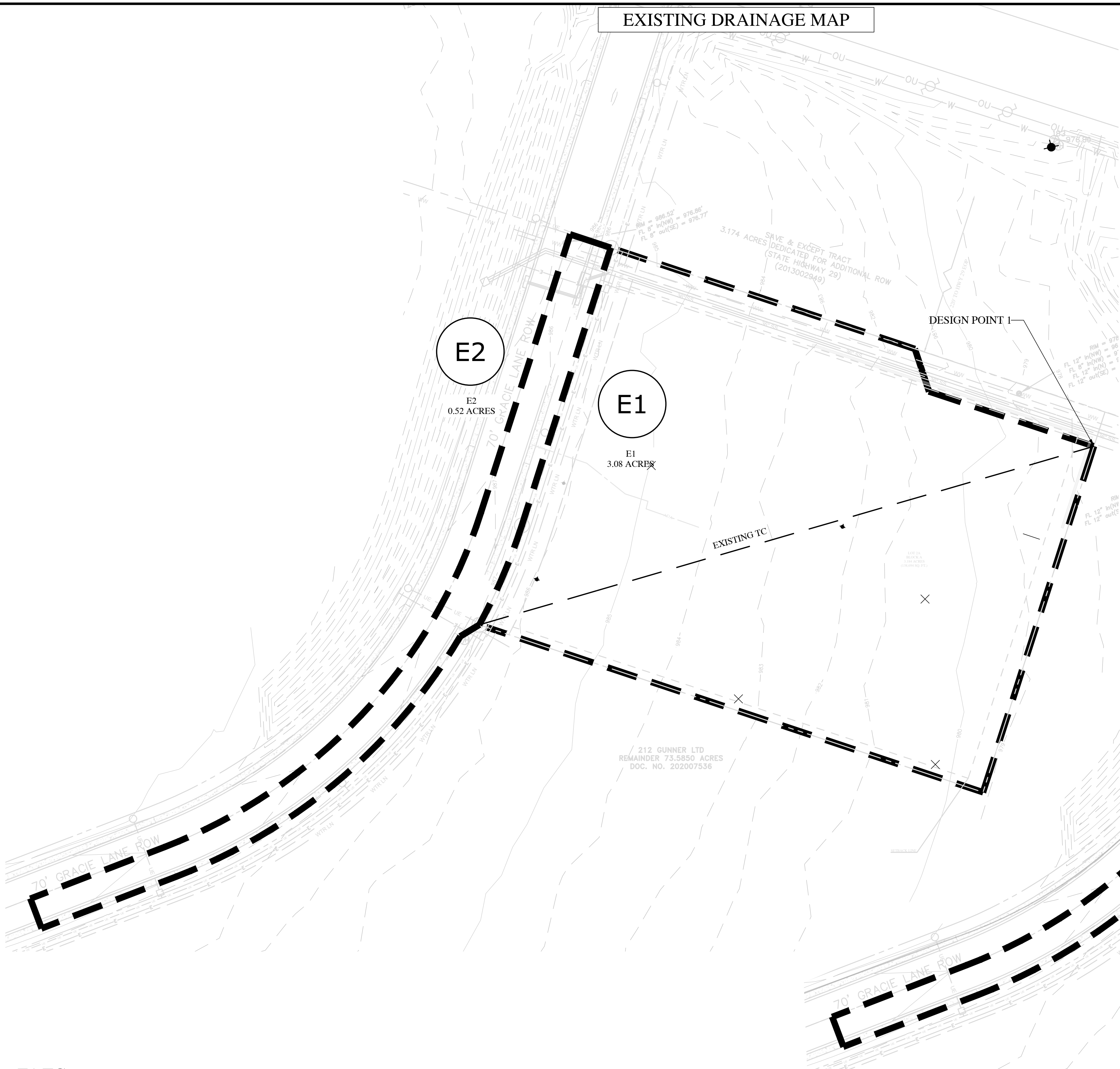
EXISTING DRAINAGE



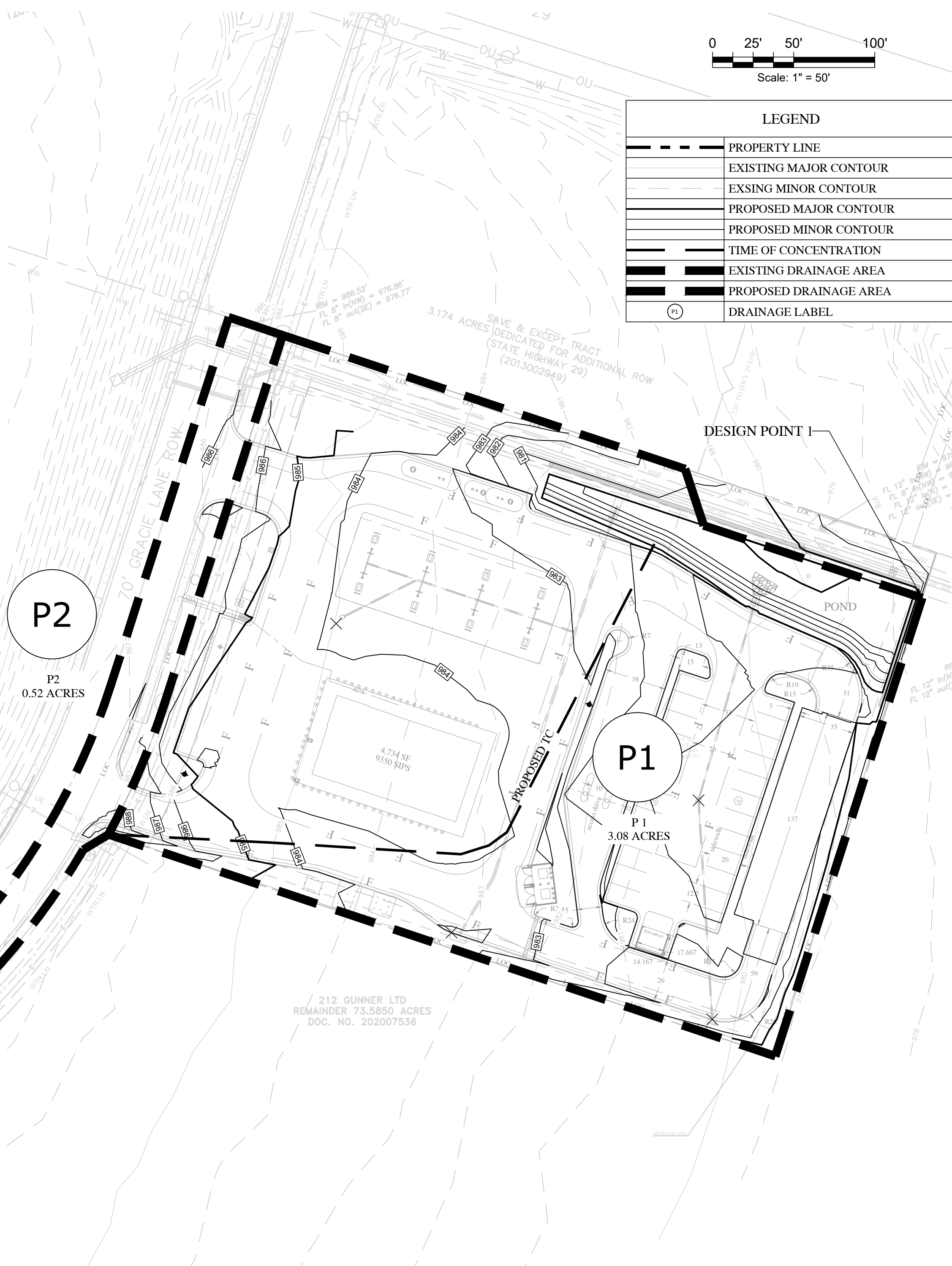
PROPOSED DRAINAGE PLAN



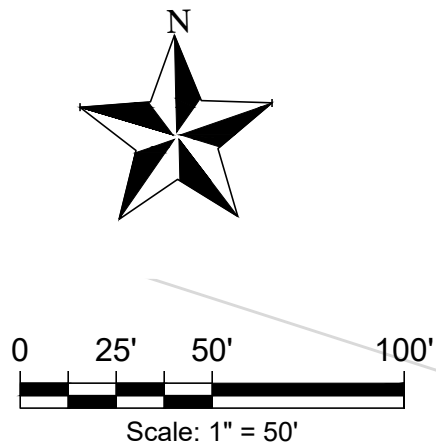
EXISTING DRAINAGE MAP



PROPOSED DRAINAGE MAP



LEGEND	
	PROPERTY LINE
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	TIME OF CONCENTRATION
	EXISTING DRAINAGE AREA
	PROPOSED DRAINAGE AREA
	DRAINAGE LABEL



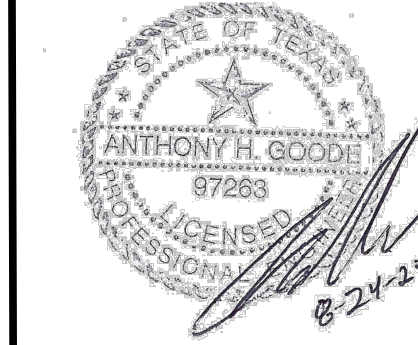
CIVIL ENGINEERING AND PLANNING  
(972) 822-1852  
TBPE FIRM REGISTRATION NO. F-22664

7-ELEVEN AT GRACIE LANE

DRAINAGE PLAN

DATE  
08/24/2024  
PROJECT NO.  
2024-32-SDP  
DESIGNED BY  
JDL  
CHECKED BY  
AHG

REVISIONS	NO.	DATE	BY	DESCRIPTION
	1			
	2			
	3			
	4			
	5			
	6			



E1 TC

TR-55 Tc Worksheet

Sheet Flow	A	B	C
Manning's n-value	0.15	0.011	0.011
Flow length (ft, 300 max.)	100		
Two-yr 24-hr rain (in)	3.96		
Land slope (%)	4.0		
Sheet flow time	6.67	0.00	0.00

Channel Flow	A	B	C
X-sectional area (sqft)			
Wetted perimeter (ft)			
Channel slope (%)			
Manning's n-value	0.015	0.015	0.015
Flow length (ft)			
Channel flow time	0.00	0.00	0.00

Shallow Concentrated Flow	A	B	C
Flow length (ft)	322		
Watercourse slope (%)	1		
Surface description	Unpaved	Paved	Paved
Shallow conc. flow time	3.33	0.00	0.00

Sheet flow time = 6.67 min  
Shallow conc. flow time = 3.33 min  
Channel flow time = 0.00 min  
Time of conc., Tc = 10.0 min

Compute Print... Help Exit

DRAINAGE CALCULATIONS (EXISTING)								
DRAINAGE AREA	ACRES	Tc (MIN)	Lag Time	Curve Number	Impervious Cover (%)	Q (2YR) (CFS)	Q (10YR) (CFS)	Q (25YR) (CFS)
E1	3.08	10.0	6.0	84.0	0.0%	10.2	17.9	23.1
E2	0.57	5.0	3.0	84.0	0.0%	2.3	4.0	5.1
Design Point 1						11.9	21.1	27.3

DRAINAGE CALCULATIONS (PROPOSED)								
DRAINAGE AREA	ACRES	Tc (MIN)	Lag Time	Curve Number	Impervious Cover (%)	Q (2YR) (CFS)	Q (10YR) (CFS)	Q (25YR) (CFS)
P1	3.08	5.0	3.0	84.0	80.0%	16.3	24.9	30.6
P2	0.57	5.0	3.0	84.0	100%	3.20	4.75	5.79
						11.7	20.7	27.2
POND						979.18	979.63	979.86
Design Point 1						11.7	20.7	27.2

E2 TC = 5 MINUTES  
P2 TC = 5 MINUTES

P1 TC

TR-55 Tc Worksheet

Sheet Flow	A	B	C
Manning's n-value	0.011	0.011	0.011
Flow length (ft, 300 max.)	100		
Two-yr 24-hr rain (in)	3.96		
Land slope (%)	4.0		
Sheet flow time	0.83	0.00	0.00

Channel Flow	A	B	C
X-sectional area (sqft)			
Wetted perimeter (ft)			
Channel slope (%)			
Manning's n-value	0.015	0.015	0.015
Flow length (ft)			
Channel flow time	0.00	0.00	0.00

Shallow Concentrated Flow	A	B	C
Flow length (ft)	225.1		
Watercourse slope (%)	0.5		
Surface description	Paved	Paved	Paved
Shallow conc. flow time	2.61	0.00	0.00

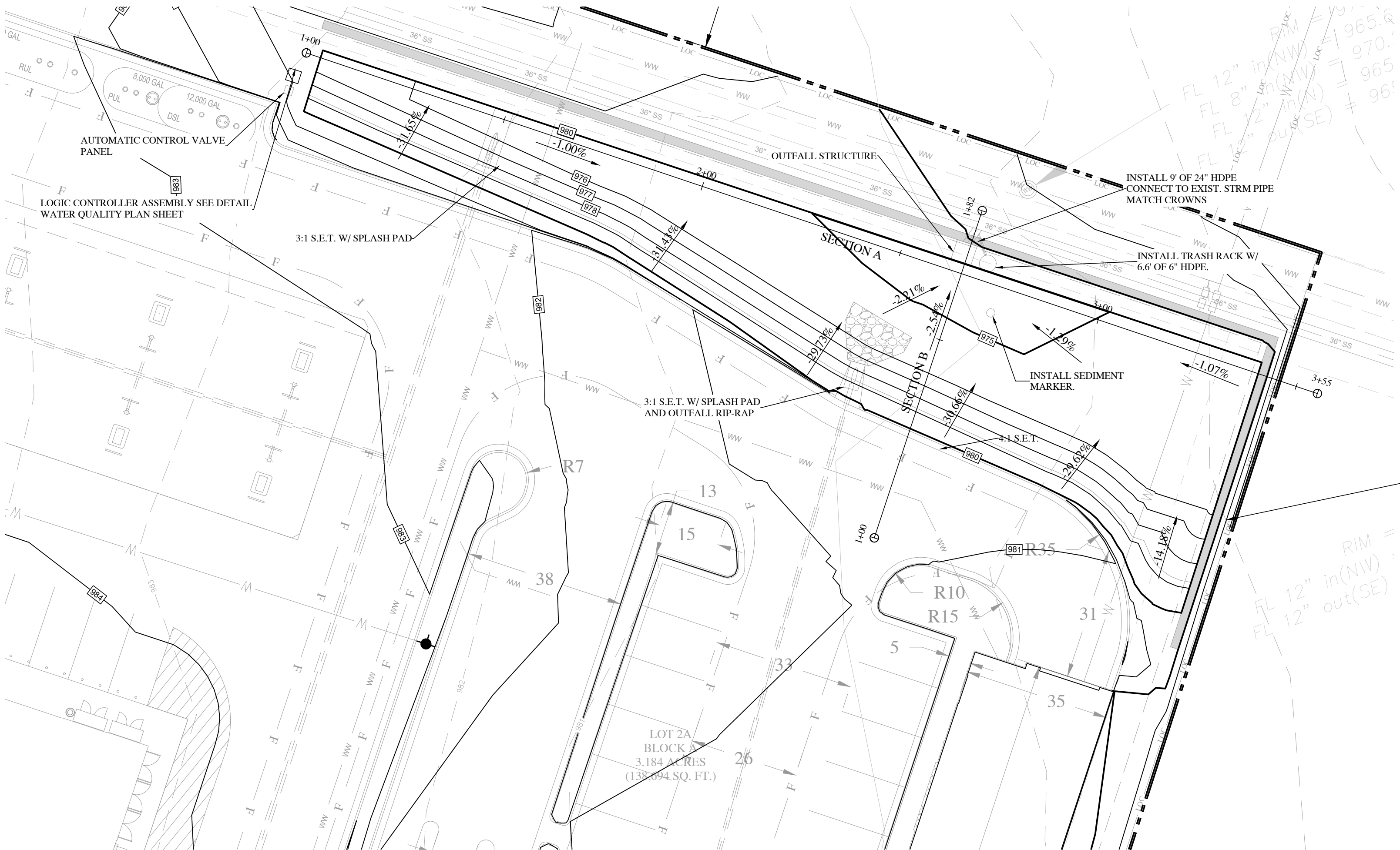
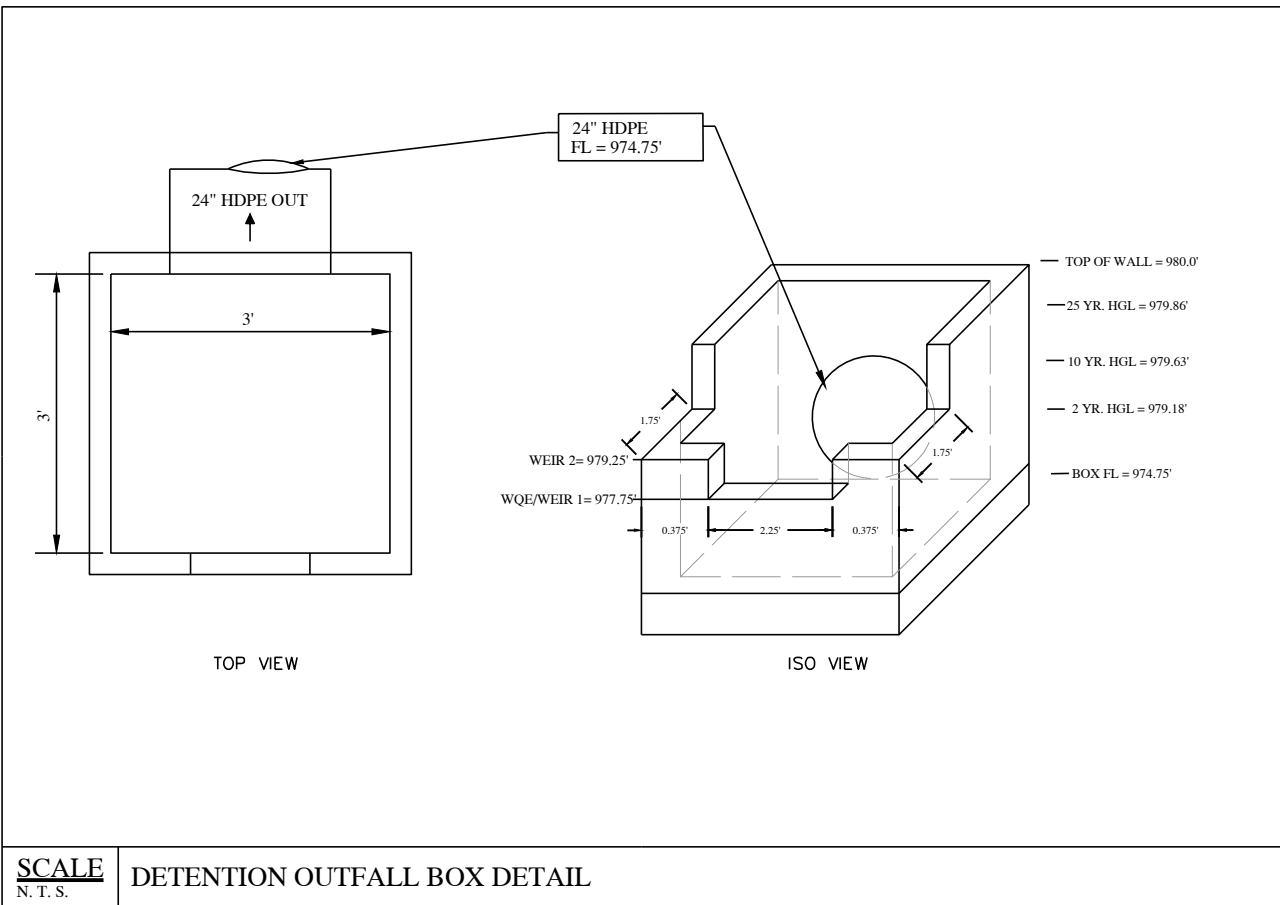
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Shallow conc. flow time = 2.61 min  
Channel flow time = 0.00 min  
Time of conc., Tc = 3.4 min

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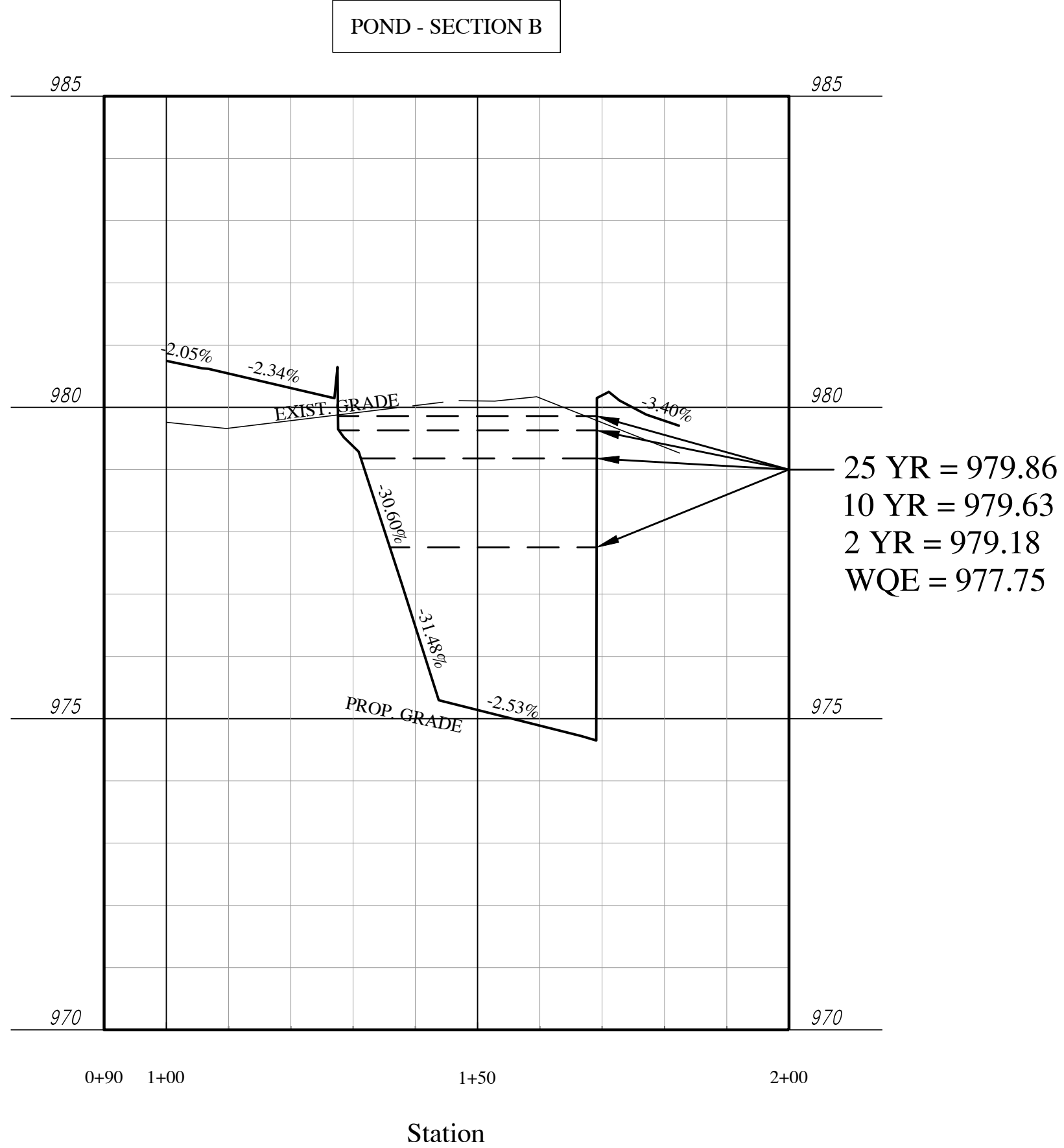
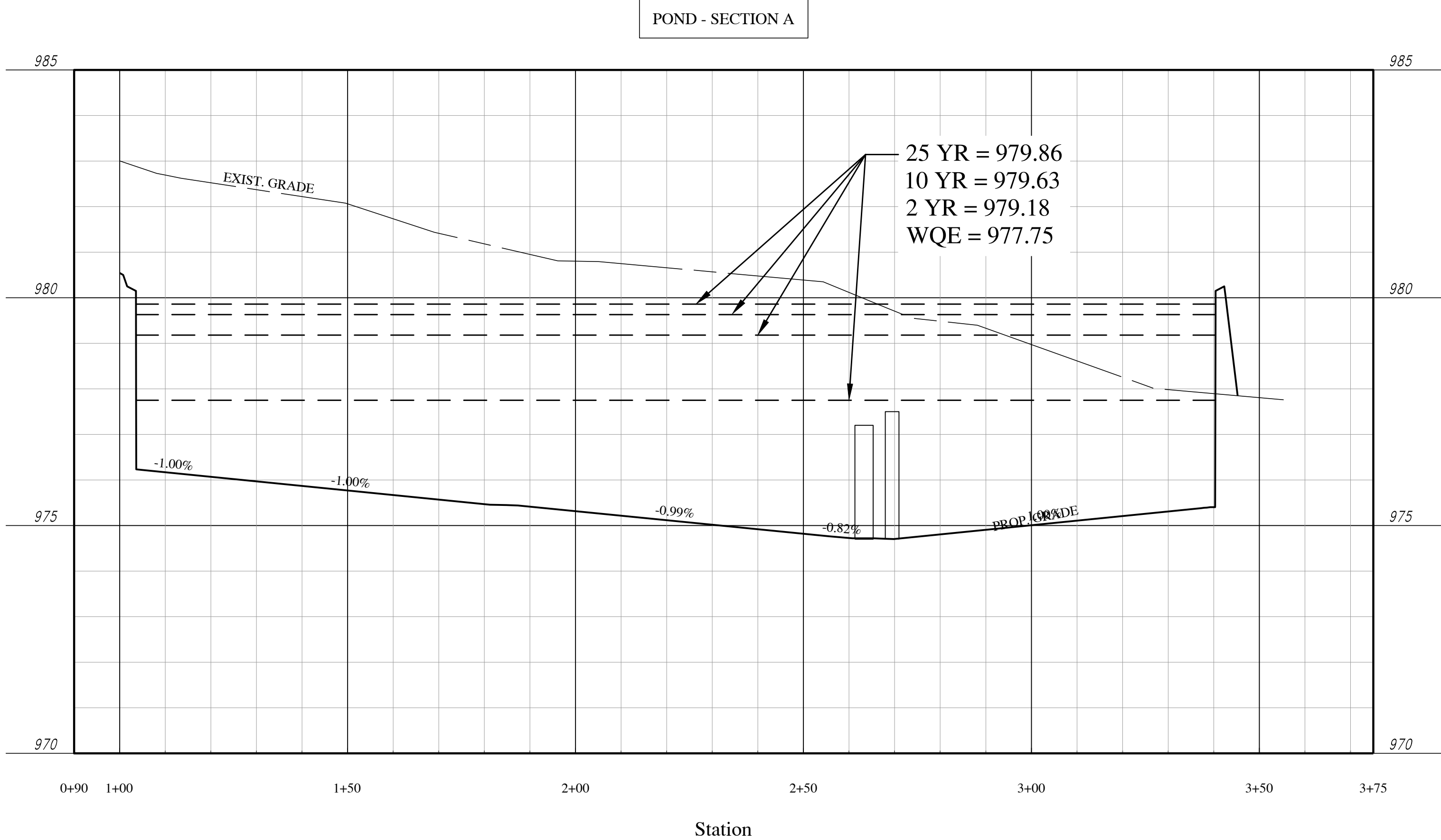
POND ACCOUNTS FOR 24,777 SQFT (PER PLAT NOTE) OF IMPERVIOUS COVER FOR GRACIE LANE PER PLAT (FOR DETENTION ONLY)



Detection Pond Elevation-Area-Storage Table						
Elevation delta	Depth (ft)	Contour Area (sf)	Incremental Storage (cf)	Cumulative Storage (cf)	Cumulative Storage (ac-ft)	Discharge (CFS)
0	974.75	73.89	N/A	0	0.000000	WQ
0.25	975.00	750.58	103.06	103.06	0.0023659	WQ
0.25	975.25	2,130.07	360.08	463.14	0.0106322	WQ
0.25	975.50	3,552.59	710.33	1,173.47	0.0269392	WQ
0.25	975.75	4,156.93	963.69	2,137.16	0.0490624	WQ
0.25	976.00	4,465.29	1,077.78	3,214.94	0.0738049	WQ
0.25	976.25	4,742.81	1,151.01	4,365.95	0.1002284	WQ
0.25	976.50	4,945.13	1,210.99	5,576.94	0.1280289	WQ
0.25	976.75	5,148.12	1,261.66	6,838.6	0.1569927	WQ
0.25	977.00	5,351.79	1,312.49	8,151.09	0.1871233	WQ
0.25	977.25	5,556.12	1,363.49	9,514.58	0.2184247	WQ
0.25	977.50	5,761.12	1,414.65	10,929.23	0.2509006	WQ
0.25	977.75	5,966.79	1,465.99	12,395.22	0.2845551	0.00
0.25	978.00	6,173.13	1,517.49	13,912.71	0.3193919	0.88
0.25	978.25	6,380.13	1,569.16	15,481.87	0.3554148	2.42
0.25	978.50	6,587.81	1,620.99	17,102.86	0.3926276	4.47
0.25	978.75	6,796.15	1,673	18,775.85	0.4310342	6.67
0.25	979.00	7,005.17	1,725.16	20,501.02	0.4706387	9.28
0.25	979.25	7,219.62	1,778.1	22,279.12	0.5114582	11.52
0.25	979.50	7,434.75	1,830.05	24,111.16	0.5535638	15.26
0.25	979.75	7,650.35	1,889.14	26,016.3	0.5972521	24.34
0.25	980.00	7,884.26	1,949.08	27,963.38	0.6419968	



INSTALL 325 (+/-) LF OF RETAINING WALL TO BE DESIGNED BY CONTRACTORS TO BE DESIGNED BY CONTRACTORS LICENSED ENGINEER AND SUBMITTED TO GFE FOR REVIEW AND APPROVAL. GFE INTENT IS FOR STACKED RETAINING WALL. SEE DETAIL ON SHEET 20



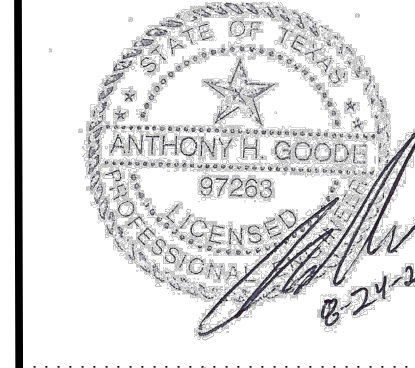
CIVIL ENGINEERING AND PLANNING  
(972) 822-1852  
TBE FIRM REGISTRATION NO. F-22664

7-ELEVEN AT GRACIE LANE

POND PLAN & DETAILS

DATE  
08/24/2024  
PROJECT NO.  
2024-32-SDP  
DESIGNED BY  
JDL  
CHECKED BY  
AHG

REVISIONS		ENGINEERED BY	APPROVAL DATE
NO.	DESCRIPTION		
1.			
2.			
3.			
4.			
5.			









UTILITY AND ACCESS EASEMENT  
(2014081280)



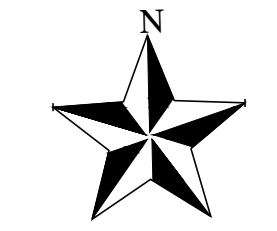
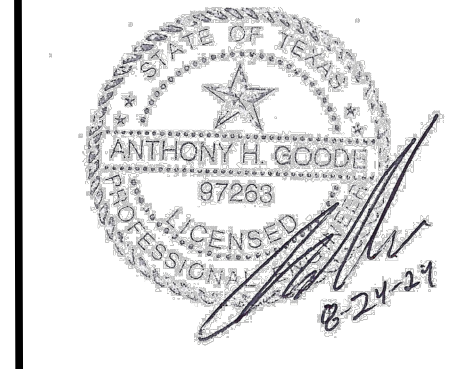
CIVIL ENGINEERING AND PLANNING  
(R72) 822-1682  
TBPCE FIRM REGISTRATION NO. F-22664

7-ELEVEN AT GRACIE LANE

SITE PLAN

DATE  
08/24/2024  
PROJECT NO.  
2024-32-SDP  
DESIGNED BY  
JDL  
CHECKED BY  
AHG

REVISIONS	APPROVAL	DATE
ENGINEERED BY		
BY		
DESCRIPTION		
SUB	1	2
	3	4
	5	6



0 15' 30' 60'  
Scale: 1" = 30'

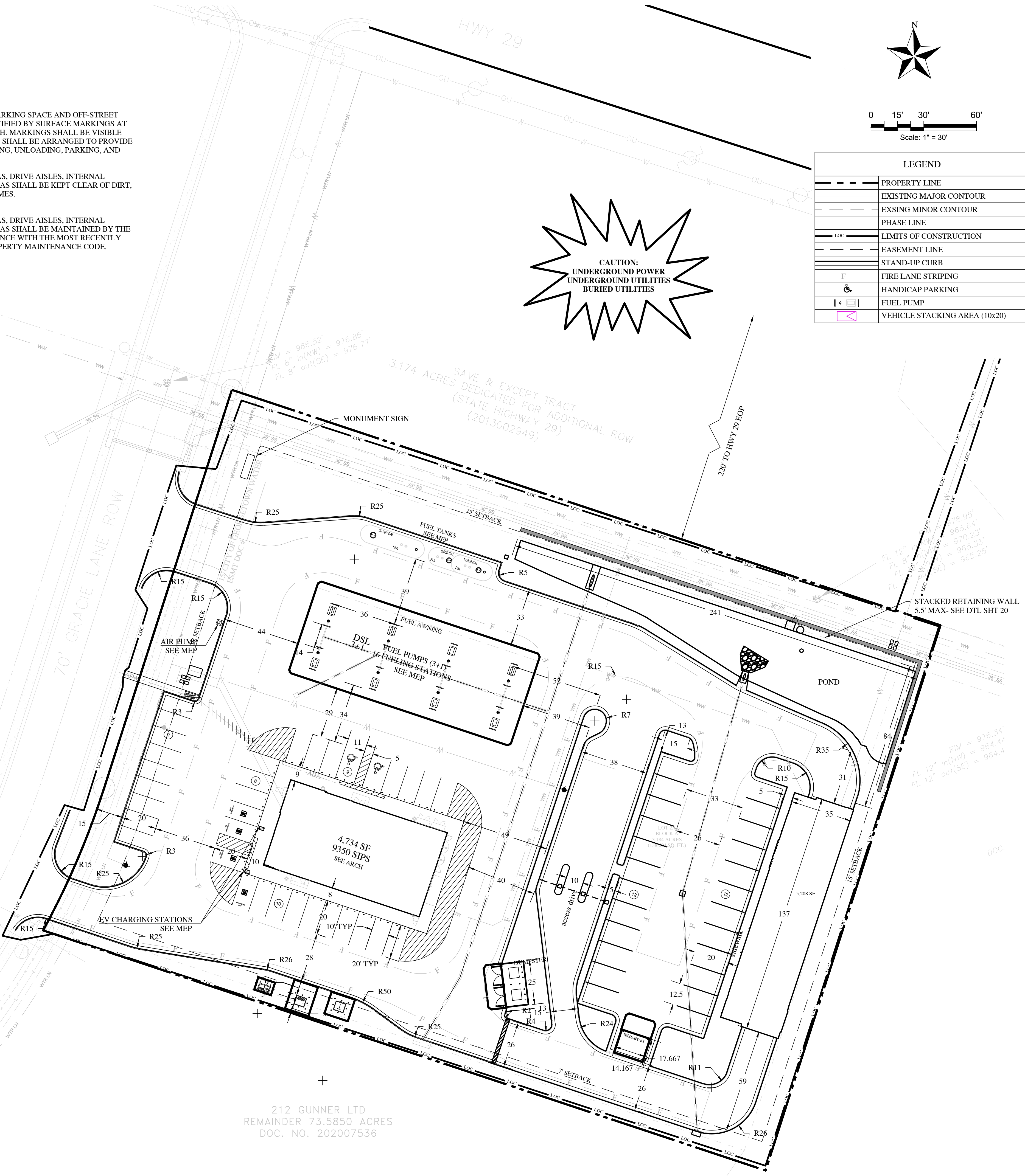
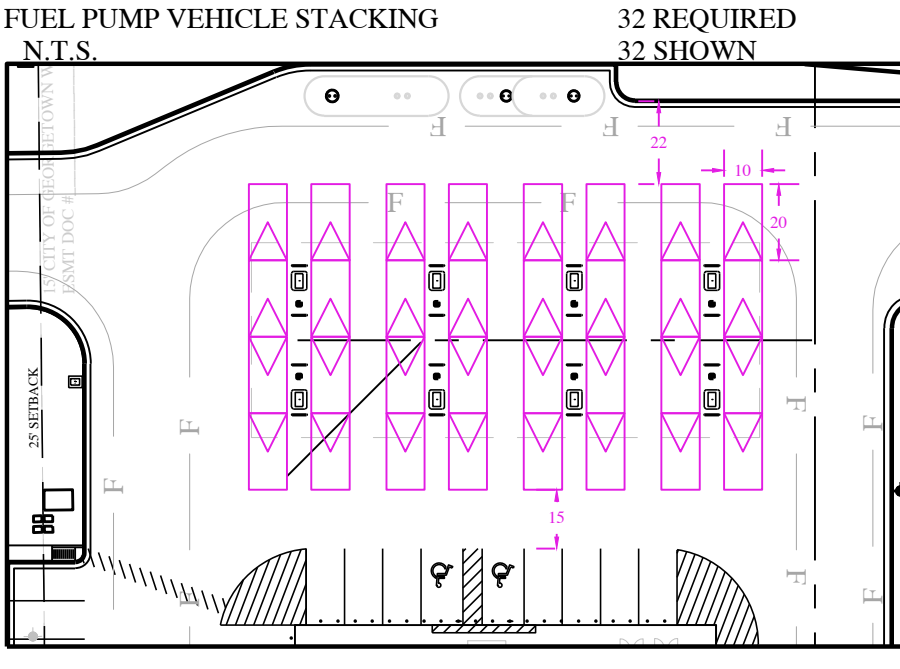
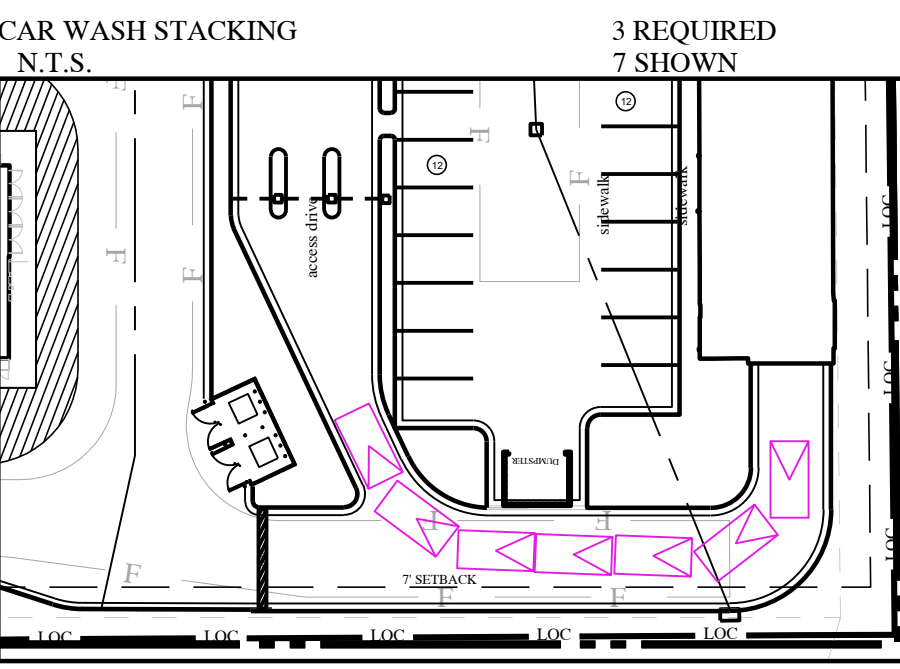
LEGEND	
---	PROPERTY LINE
---	EXISTING MAJOR CONTOUR
---	EXISTING MINOR CONTOUR
---	PHASE LINE
---	LIMITS OF CONSTRUCTION
---	EASEMENT LINE
---	STAND-UP CURB
F	FIRE LANE STRIPING
♿	HANDICAP PARKING
•	FUEL PUMP
◀ ▶	VEHICLE STACKING AREA (10x20)



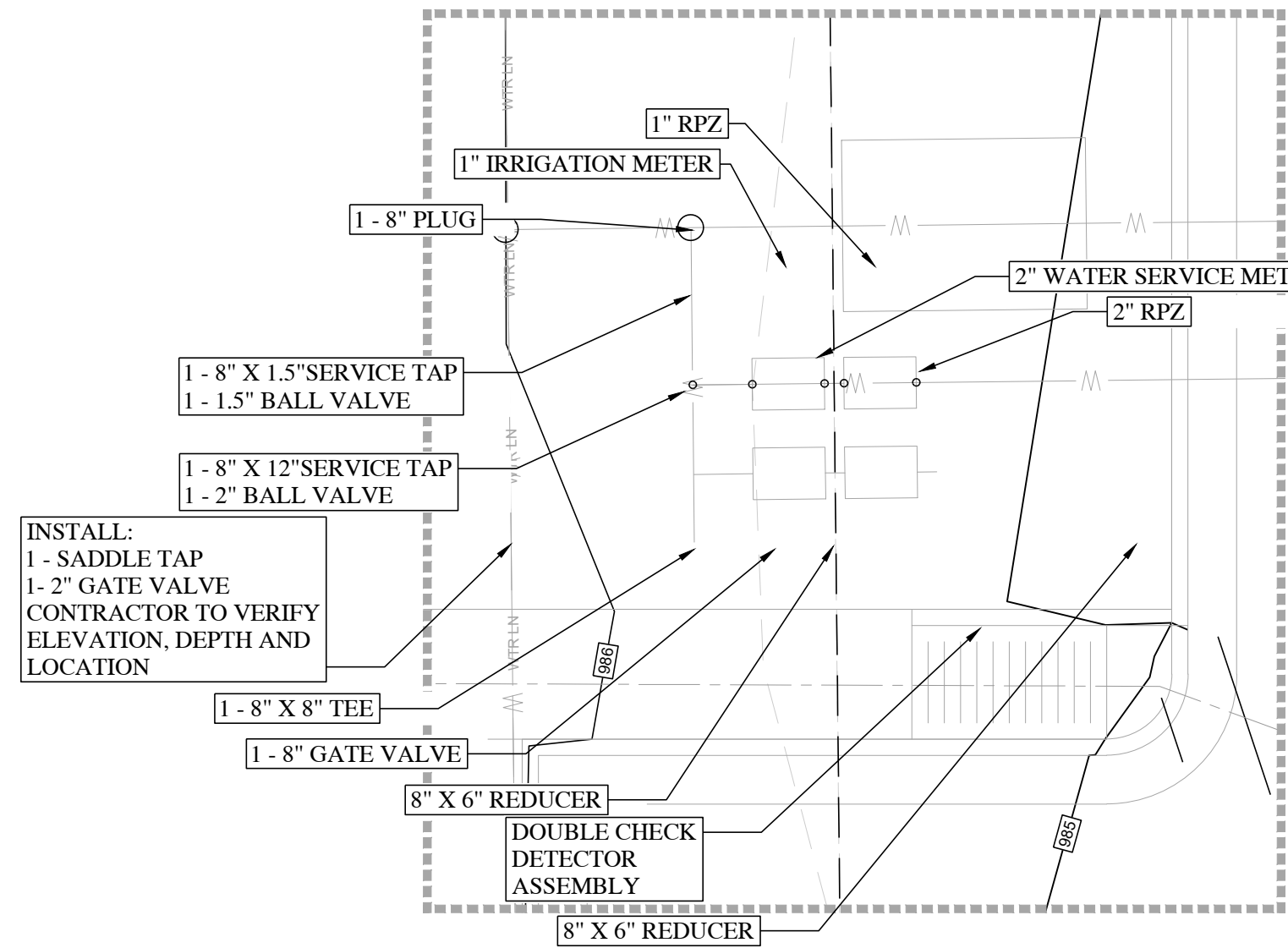
- NOTES:
- EACH REQUIRED OFF-STREET PARKING SPACE AND OFF-STREET PARKING AREA SHALL BE IDENTIFIED BY SURFACE MARKINGS AT LEAST FOUR (4) INCHES IN WIDTH. MARKINGS SHALL BE VISIBLE AT ALL TIMES. SUCH MARKINGS SHALL BE ARRANGED TO PROVIDE FOR ORDERLY AND SAFE LOADING, UNLOADING, PARKING, AND STORAGE OF VEHICLES.
  - ALL OFF-STREET PARKING AREAS, DRIVE AISLES, INTERNAL ROADWAYS, AND LOADING AREAS SHALL BE KEPT CLEAR OF DIRT, REFUSE, AND DEBRIS AT ALL TIMES.
  - ALL OFF-STREET PARKING AREAS, DRIVE AISLES, INTERNAL ROADWAYS, AND LOADING AREAS SHALL BE MAINTAINED BY THE PROPERTY OWNER IN ACCORDANCE WITH THE MOST RECENTLY ADOPTED INTERNATIONAL PROPERTY MAINTENANCE CODE.

LAND USE SUMMARY		
SITE DATA:		
LOCATION	SE CORNER OF SH 29 & GRACIE LANE	
ZONING	PUD	
CURRENT USE	AGRICULTURAL	
PROPOSED USE	GAS STATION/CAR WASH	
LOT AREA	3.19 ACRES	
PERVIOUS REQUIRED	15% (0.478 ACRES)	
PERVIOUS PROVIDED	31.6% (1.008 ACRES)	
IMPERVIOUS	68.4% (2.182 Acres)	
BUILDING IMPERVIOUS	0.228 Acres	
UNITS	2	

PARKING CALCULATIONS				
BLDG	USE	AREA (SF)	PARKING REQUIREMENT	SPACES REQUIRED
1	RETAIL (GAS STATION)	4734	1 PER 250 SQ. FT.	19
2	CAR WASH	5190	1 PER FACILITY	1
			TOTAL SPACES REQUIRED	20
			SPACES PROVIDED	67



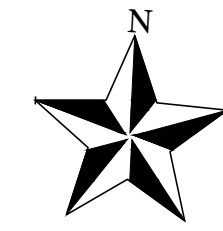




UTILITY AND ACCESS EASEMENT  
(2014081280)

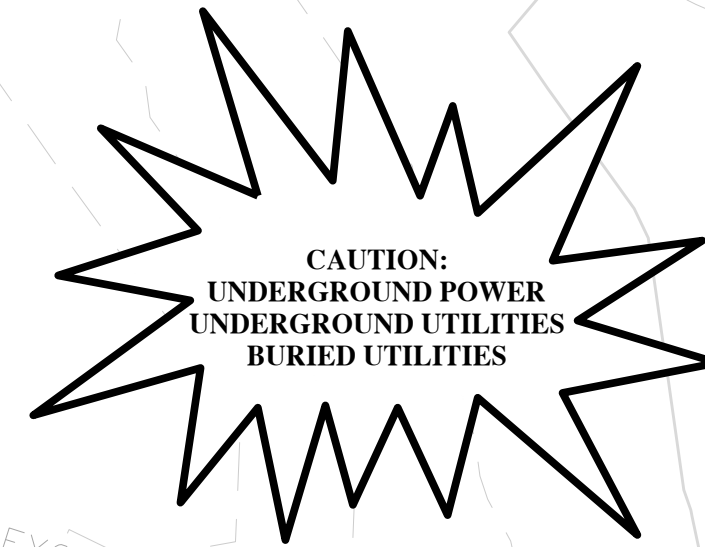
STA 1+00.00 WL-A  
Null Structure

HWY 29



0 15' 30' 60'  
Scale: 1" = 30'

LEGEND	
---	PROPERTY LINE
---	EXISTING MAJOR CONTOUR
---	EXISTING MINOR CONTOUR
---	PROPOSED MAJOR CONTOUR
---	PROPOSED MINOR CONTOUR
---	LIMITS OF CONSTRUCTION
---	WATER LINE
---	WASTEWATER LINE



SAVE & EXCEPT TRACT  
3.174 ACRES DEDICATED FOR ADDITIONAL ROW  
(STATE HIGHWAY 29)  
(2013002949)

220' TO HWY 29 EOP

70' GRACIE LANE ROW

6" HDPE LATERAL LINE  
CONNECT TO DOWNSPOUT AT EACH SUPPORT PYLON

STA 1+32.83 STRM-A1  
45° BEND  
FL = 979.94  
FL = 979.38

STA 3+75.53 STRM-A  
END STRM-A  
OUTFALL TO POND  
FL = 978.76

STA 3+00.54 STRM-A  
END STRM-A1  
MATCH F.L.  
FL = 979.23  
FL = 979.48

STA 3+66.74 STRM-B  
END STRM-B  
OUTFALL TO POND  
FL = 977.44  
POND

STA ??? STRM-A1  
BEGIN STRM-A1  
2x2 AREA INLET

UTILITY CROSSING  
STRM-A STA=1+75.52  
18" STRM FL=979.73  
6" WW FL=972.53

STA 1+40.97 STRM-A  
12.5° BEND  
FL = 979.78

STA 1+00.00 STRM-A  
BEGIN STRM-A  
CURB INLET

STA 2+35.34 STRM-B  
3X3 AREA INLET  
FL = 978.10

STA 1+00.00 STRM-B  
BEGIN STRM-B  
CURB INLET

212 GUNNER LTD  
REMAINDER 73.5850 ACRES  
DOC. NO. 202007536



CIVIL ENGINEERING AND PLANNING  
(972) 822-1882  
TBPE FIRM REGISTRATION NO. F-22664

## 7-ELEVEN AT GRACIE LANE

### STORM DRAIN PLAN

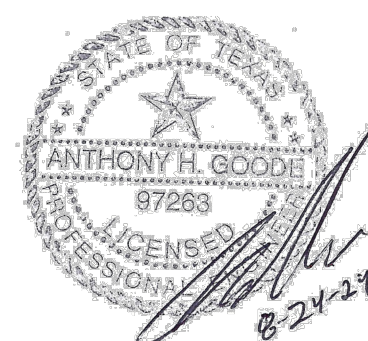
DATE  
08/24/2024

PROJECT NO.  
2024-32-SDP

DESIGNED BY  
JDL

CHECKED BY  
AHG

REVISIONS	APPROVAL	DATE
NO.	BY	DESCRIPTION
1		
2		
3		
4		
5		
6		







## **ATTACHMENT N - INSPECTION, MAINTENANCE, REPAIR, AND RETROFIT PLAN**

The owner will be responsible for inspection, maintenance, and repair of the proposed Batch Detention Basin associated with the 7-Eleven at Gracie Lane project. The City of Liberty Hill defers water quality control to TCEQ's rules. Per TCEQ, Edwards Aquifer Rules, water quality controls required for commercial development shall be maintained by the property owner.

### **Maintenance Guidelines for Batch Detention Basins (See Section 3.5.20)**

Batch detention basins may have somewhat higher maintenance requirements than an extended detention basin since they are active stormwater controls. The maintenance activities are identical to those of extended detention basins with the addition of maintenance and inspections of the automatic controller and the valve at the outlet. Responsibilities for both routine and non-routine maintenance tasks need to be clearly understood and enforced. If regular maintenance and inspections are not undertaken, the basin will not achieve its intended purposes. There are many factors that may affect the basin's operation and that should be periodically checked. These factors can include mowing, control of pond vegetation, removal of accumulated bottom sediments, removal of debris from all inflow and outflow structures, unclogging of orifice perforations, and the upkeep of all physical structures that are within the detention pond area. One should conduct periodic inspections and after each significant storm. Remove floatables and correct erosion problems in the pond slopes and bottom. Pay particular attention to the outlet control perforations for signs of clogging. If the orifices are clogged, remove sediment and other debris. The generic aspects that must be considered in the maintenance plan for a detention facility are as follows:

**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 the BMP should be identified and repaired or 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.

**Debris and Litter 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.

**Structural Repairs and Replacement.** With each inspection, any damage to the structural elements of the system (pipes, concrete drainage structures, retaining walls, etc.) should be identified and repaired immediately. These repairs should include patching of cracked concrete, sealing of voids, and removal of vegetation from cracks and joints. The various inlet/outlet and riser works in a basin will eventually deteriorate and must be replaced. Public works experts have estimated that corrugated metal pipe (CMP) has a useful life of about 25 yr., whereas reinforced concrete barrels and risers may last from 50 to 75 yr.

**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.).

**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.



By signing below, the owner confirms understanding and provides consent as the responsible party for the maintenance of the permanent BMP on the property. Refer to the engineering plans for the exact location.

A handwritten signature in black ink, appearing to be "Anthony Goode", written over a horizontal line.

Property Owner

7-30-24

Date

This plan was prepared by Anthony Goode P.E. in coordination with the design and plan preparation for this development.

A handwritten signature in black ink, appearing to be "Anthony Goode", written over a horizontal line.

Engineer of Record

8/1/2024

Date

# *7-Eleven at Gracie Lane*

## **STORMWATER POLLUTION PREVENTION PLAN**

### **7-Eleven at Gracie Lane**

PREPARED FOR: Alan Davis

July 2024

# *7-Eleven at Gracie Lane*

## **STORMWATER POLLUTION PREVENTION PLAN**

**(T.P.D.E.S.GENERALPERMIT-TXR150000)**

### **7-Eleven at Gracie Lane**

SITE OPERATOR  
( Responsible Party)

---

COVERAGE AREA

---

NOI APPLICATIONDATE

---

AUTHORIZATION #

---

SITE OPERATOR

---

COVERAGE AREA

---

NOI APPLICATIONDATE

---

AUTHORIZATION #

---

SITE OPERATOR

---

COVERAGE AREA

---

NOI APPLICATIONDATE

---

AUTHORIZATION #

---

# *7-Eleven at Gracie Lane*

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- 6. RESPONSIBLE PARTY FORM - Exhibit 5**
- 7. INSPECTION REPORT FORM - Exhibit 6**
- 8. PLAN MODIFICATIONS (IF NECESSARY)**
- 9. SPILL RESPONSE ACTION – Exhibit 7**
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# *7-Eleven at Gracie Lane*

## **PLAN IMPLEMENTATIONCHECKLIST**

# *7-Eleven at Gracie Lane*

## **7-Eleven at Gracie Lane**

### **TPDES – Storm Water Pollution Prevention Plan**

---

#### **PLAN IMPLEMENTATION CHECKLIST**

1. Definition of Construction Site Operator – “The person(s) having operational control over construction plans and specifications to the extent necessary to meet the requirements and conditions of this general permit or ... the person(s) having day to day operational control of those activities at the construction site which are necessary to ensure compliance with a storm water pollution prevention plan...” (TPDES General Permit (TXR150000), pg. 4)
2. All Notices of Intent (NOI), Notices of Termination (NOT), Storm Water Pollution Prevention Plans (SWPPP) reports, certification, or information either submitted to the Director, the operator of a large or medium municipal separate storm sewer system, or that this permit required and maintained by the permittee shall be signed by a responsible corporate officer, by a general partner or proprietor, by a principal executive public officer, or by a ranking elected public official.
3. At least two (2) days prior to start of construction, the Construction Site Operator must submit a Storm Water TPDES General Permit Notice of Intent (NOI) – TCEQ-20022, pg. 1 of 2 by Certified Mail-Return Receipt Requested to:

Texas Commission on Environmental Quality  
Stormwater & General Permits Team; MC-228  
P.O. Box 13087  
Austin, Texas 78711-3087

Note:

TCEQ provides instructions for filling out the Notice of Intent (NOI) ~TCEQ-20022-Instructions. These instructions are included in the Notice of Intent Section of this Booklet.

4. An application fee of \$325.00 payable to Texas Commission on Environmental Quality is to be attached to the second page of the Notice of Intent (NOI) – TCEQ-20022, pg. 2 of 2, and submitted separately by Certified Mail-Return Receipt to:

By Regular Mail

Texas Commission on Environmental Quality  
Financial Administration Division Cashier's Office, MC-214  
P.O. Box 13088  
Austin, Texas 78711-3088

By Overnight/Express Mail

Texas Commission on Environmental Quality  
Financial Administration Division  
Cashier's Office, MC-214  
12100 Park 35 Circle  
Austin, Texas 78753

5. Submit signed copy of NOI – TCEQ-20022, pg. 1 of 2 by Certified Mail – Return Receipt to:  
NPDES Coordinator  
City of Boerne (MS4)  
P.O. Box 1677  
Boerne, Texas 78006

6. The effective date of provisional coverage starts two days from the date the completed NOI is postmarked for delivery to TCEQ. The provisional coverage is removed when the executive director finds the NOI complete, and the project is assigned an authorization number.



# *7-Eleven at Gracie Lane*

## **7-Eleven at Gracie Lane**

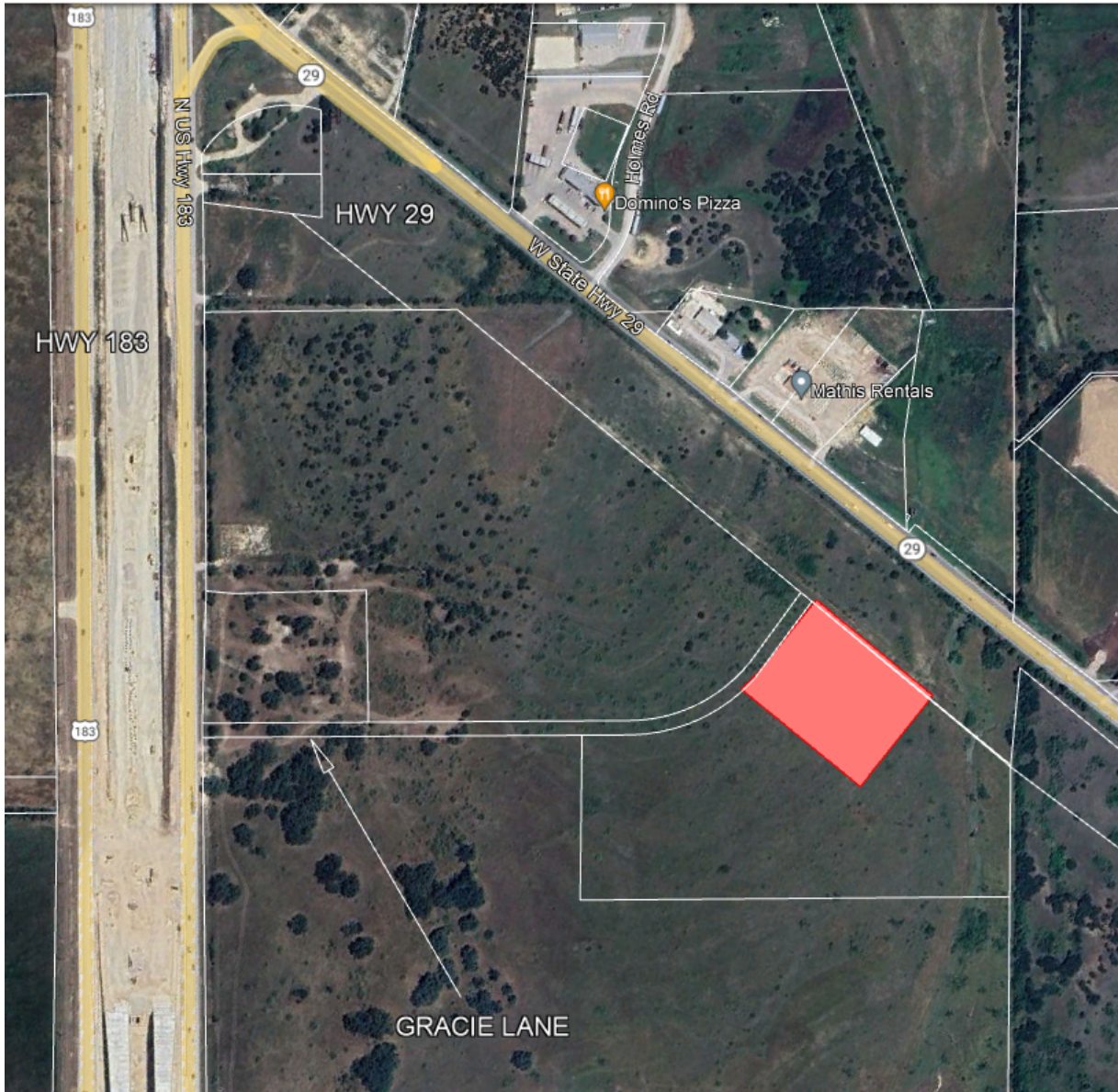
### **TPDES – Storm Water Pollution Prevention Plan**

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7. The responsible party shall post a signed copy of NOI – TCEQ-20022, pg. 1 of 2 and the SWPPP booklet in a protective covering at a 24 hour readily accessible location at the main entrance of the construction site.
8. The responsible party for the SWPPP as well as any additional site operator must sign the cover sheet within the SWPPP booklet.
9. The responsible party must implement the SWPPP prior to beginning of construction activities.
10. The responsible party shall use “Responsible Party Form” (Exhibit 5) to designate responsibility for pollution prevention measures.
11. The responsible party shall use “Inspection Report Form” to designate responsibility to conduct inspections and fill out Inspection Form.
12. The responsible party shall ensure the SWPPP provides adequate best management practices (as defined by this permit), covers appropriate areas under Responsible party’s control, and all other operators on the site are notified of modifications to the SWPPP.
13. The responsible party shall in a timely fashion, sign and date, the SWPPP booklet with any modifications to design, construction, operation, maintenance, or significant change not previously addressed. Any inspection should be logged into the booklet and any controls found ineffective should be modified and noted on the SWPPP.
14. The responsible party should initiate the Notice of Change (NOC) to TCEQ and the MS4 operator within 14 days after discovery if incorrect information was submitted or if relevant facts were not included.
15. The responsible party should initiate a Notice of Termination (NOT) TCEQ-20023 to TCEQ and the MS4 operator effective at midnight of the postmarked date when and if:
  - a. Final stabilization had been achieved for areas of responsibility
  - b. Another permitted operator assumes control of the site
  - c. All temporary structural controls have been removed, are scheduled for removal, or are transferred to another permitted operator.
16. The responsible party should pay special attention to Parts IV thru VII of the general permit TXR150000, which describe effluent limitations, reporting requirements, retention records, standard permit conditions, and fee structure.
17. The Responsible party for the SWPPP shall be aware of all terms and conditions of the TPDES TXR150000 general permit. The information provided in this checklist is for convenience purposes only and does not amend or limit any non-highlighted provision of the general permit. The responsible party should thoroughly read the general permit and be cognizant of their obligations as set forth in the general permit.

# *7-Eleven at Gracie Lane*

## LOCATION MAP



## 7-Eleven at Gracie Lane

# *7-Eleven at Gracie Lane*

## **STORM WATER POLLUTION PREVENTION PLAN (SWPPP)**

# 7-Eleven at Gracie Lane

## 7-Eleven at Gracie Lane

### TPDES – Storm Water Pollution Prevention Plan

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#### **INTRODUCTION**

This Storm Water Pollution Prevention Plan is prepared for ALAN DAVIS- 7-ELVEN GRACIE, per the Texas Pollution Discharge Elimination System (TPDES) which implements the federal National Pollutant Discharge Elimination System (NPDES) in the state of Texas.

#### **SITE DESCRIPTION**

Project Name: *7-Eleven at Gracie Lane*

Project Street Address: *HWY 183, Liberty Hill, TX, 78642*

Nature of Construction Activity: *Site clearing, grading and construction of drives, parking, sewer lines, water lines, storm water inlets and stormwater lines, utilities, RV spaces, distillery. Outdoor venue, office/store, amenity, pool and associated drive aisles.*

Potential Pollutant Sources:

- a) Soil erosion due to clearing of site for drainage and pavement*
- b) Oil, grease, fuel & hydraulic fluid contamination from construction vehicle drippings*
- c) Miscellaneous trash and litter from construction workers and material wrappings*
- d) Construction debris*
- e) Concrete truck washout*
- f) Hydrocarbons from asphalt paving operations*

Proposed Construction Start Date: *2024-September-1*

Proposed Construction End Date: *2024-December-1*

Sequence of Major Activities:

- a) Installation of temporary stabilized construction entrance/exit*
- b) Installation of erosion and sedimentation controls*
- c) Site clearing*
- d) Connect to public mains: sanitary sewer and water*
- e) Install utilities, install fill, grade to subgrade*
- f) Install traffic control for pavement and utility connections*
- g) Install pavement for fire access to building*
- h) Begin building and vertical construction*
- i) Finish pavement and drainage infrastructure installation*
- j) Install landscape and irrigation, revegetation, and striping*
- k) Removal of temporary erosion and sedimentation controls*
- l) Site clean up*

# 7-Eleven at Gracie Lane

## 7-Eleven at Gracie Lane

### TPDES – Storm Water Pollution Prevention Plan

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Total Site Area (Acres): 3.18

Total Site Area to be Disturbed (Acres): +/- 3.24 acres

Pre-Construction Runoff Coefficient: 84

Post Construction Runoff Coefficient: 98

Soil Types: *Denton silty clay, 1 to 3 percent slopes ~ 100% of site*

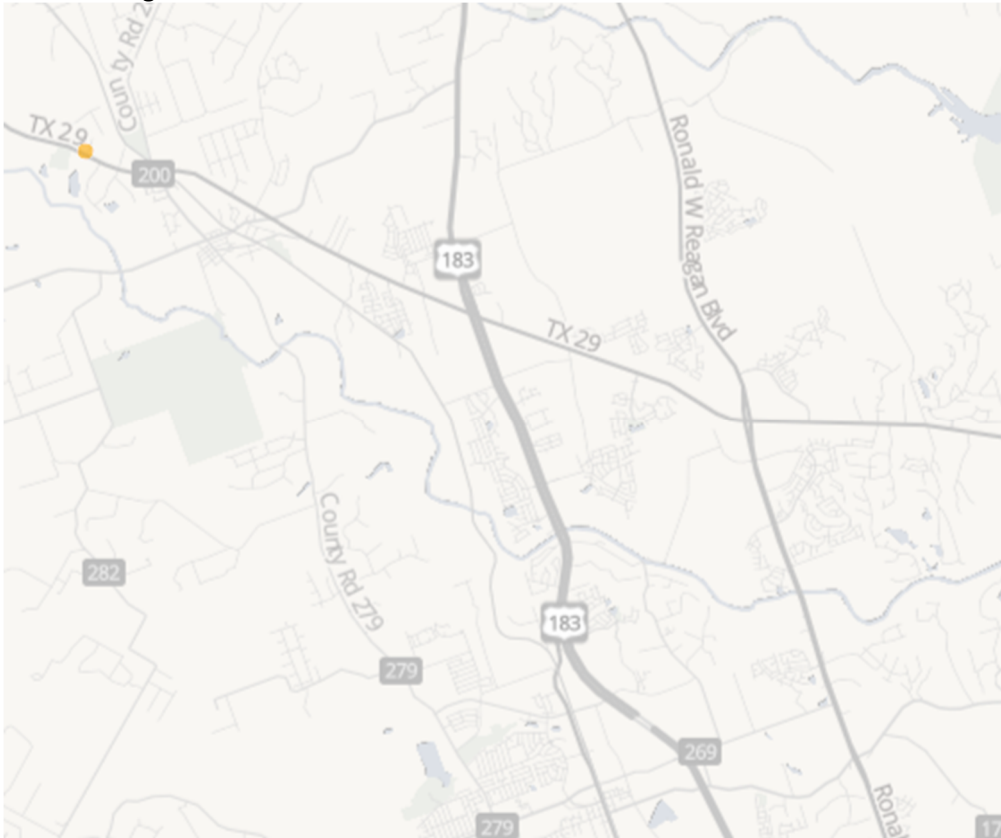
Industrial Activity Discharges: *None*

Receiving Water: *1250 South San Gabriel*

Wetlands: *No*

Ref. Exhibit 12- Wetland Map Overlay

National Register of Historic Places: *No*



Edwards Aquifer Recharge or Contributing Zone: *Yes – Contributing Zone*

Water Pollution Abatement Plan (WPAP): *No*

## *7-Eleven at Gracie Lane*

- 1) EXHIBIT 1 – General Location Map
- 2) EXHIBIT 2
  - a) Site Plan illustrating the SWPPP:
    - i) Drainage patterns
    - ii) Approximate post-grading slopes
    - iii) Areas of soil disturbance
    - iv) Location of all major structural and non-structural controls either planned or in place
    - v) Locations of off-site material, waste, borrow, fill, or equipment storage
    - vi) Surface waters (including wetlands) either adjacent or in close proximity
    - vii) Storm water discharges to a surface water body
  - b) Typical Details:
    - i) Temporary Construction Entrance/Exit
    - ii) Silt Fence
    - iii) Rock Berm
    - iv) Construction Staging Area
    - v) Concrete washout pit



# *7-Eleven at Gracie Lane*

## **7-Eleven at Gracie Lane**

### **TPDES – Storm Water Pollution Prevention Plan**

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#### **CONTROLS**

The sequence of major work activities on the site will be divided into two phases: preparation and construction. Site preparation consists of installing temporary best management practices (BMPs). Site preparation will consist of clearing, grubbing, demolition, and trenching. This work, which is the initiation of all activity on the project, will disturb the largest amount of soil. Therefore, before any of this work can begin, the site contractor will be responsible for the installation and maintenance of control measures as located and illustrated on Exhibit 2. These measures are designed to prevent eroded soil from leaving the site.

Construction activities include installation of temporary BMPs and clearing. The construction contractor will be responsible for the installation of all control measures as located and illustrated on Exhibit 2. These controls are intended to prevent eroded soil, trash, and construction debris from leaving the site.

It is to be understood that modifications to the Storm Water Pollution Prevention Plan may have to be made in the field to adjust for field conditions and to provide the intended effect. All changes to the plan must be shown on Exhibit 2, dated, and signed by the responsible party.

#### **1) EROSION AND SEDIMENT CONTROLS**

##### **a) GOALS AND CRITERIA**

- i) Erosion and sediment controls are designed to retain sediment on-site to the extent possible.
- ii) All control measures must be properly installed and maintained in accordance with manufacturer's specifications and with project specifications.
- iii) Sediment must be removed from sediment traps and basins when design capacity has been reduced by 50%.
- iv) If sediment escapes the construction site, the off-site accumulations of sediment must be removed at a frequency to minimize further negative effects, and whenever feasible, prior to the next storm event.
- v) Litter, construction debris, and construction chemicals exposed to storm water shall be prevented from becoming a pollutant source for storm water discharges.
- vi) Off-site material storage areas such as construction staging areas, soil stockpiles, and borrow areas used solely by the project are considered part of the project for Storm Water Pollution Prevention Plan purposes.

##### **b) STABILIZATION PRACTICES**

Stabilization practices may include but are not limited to: establishment of temporary vegetation, establishment of permanent vegetation, mulching, geotextiles, sod stabilization, vegetative buffer strips, protection of existing trees, and other similar measures.

Interim on-site stabilization measures, which are continuous (ongoing), will include the following:

# *7-Eleven at Gracie Lane*

## **7-Eleven at Gracie Lane**

### **TPDES – Storm Water Pollution Prevention Plan**

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- i) Soil disturbances shall be minimized by exposing only the smallest practical area of land required for the construction activity and for the shortest practical period of time.
- ii) Trenching and associated backfilling for utilities and/or storm drainage piping shall be coordinated to minimize to the extent practical the time the area is disturbed.
- iii) Maximum practical use will be made of natural vegetation including grass, weeds, trees, shrubs, etc. by leaving these materials in place until construction necessitates clearing the minimum practical area for continuance of construction.
- iv) The minimum practical area required for the installation and construction of the utility and streets will be cleared of trees and ground cover.

Permanent on-site stabilization measures, which will be scheduled as detailed below, will include the following:

- i) All disturbed soil associated with clearing will be stabilized per applicable project specifications.

Records of project milestone dates are required to be maintained and shall be recorded in Exhibit 3. Project milestones include the following:

- (1) Dates when major grading activities begin and end.
- (2) Dates when construction activities temporarily or permanently cease on all or a portion of the project.
- (3) Dates when stabilization measures are initiated and when stabilization is complete.

#### **c) STRUCTURAL CONTROL PRACTICES**

On-site structural practices, which are continuous (on-going) until the site is permanently stabilized, may include the following:

- i) Erection of silt fences, rock berms with silt fence, bagged gravel inlet filters, and sandbag controls as located and illustrated on Exhibit 2.
- ii) Installation of concrete truck washout pit as located and illustrated on Exhibit 2.
- iii) Installation of temporary construction entrance/exit as required and a construction staging area as located and illustrated on Exhibit 2.

These storm water pollution control features will slow the velocity of runoff thereby enhancing sedimentation and capture of contaminants that may accumulate in the storm water runoff exiting this construction site. There are no structures to divert storm water and no structures to store storm water on this project.

It is to be understood that modifications to the Storm Water Pollution Prevention Plan may have to be made in the field to adjust for field conditions and to provide the intended effect. All changes to the plan must be shown on Exhibit 2, dated, and signed by the responsible party or described and included in the Plan Modifications section of this Storm Water Pollution Prevention Plan.



# *7-Eleven at Gracie Lane*

## **7-Eleven at Gracie Lane**

### **TPDES – Storm Water Pollution Prevention Plan**

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#### **2) POST-CONSTRUCTION STORM WATER MANAGEMENT**

- a) This project does not require any TPDES post-construction storm water pollution controls or velocity dissipation devices.

#### **3) OTHER CONTROLS**

Additional on-site practices, which are continuous (on-going) until the site is permanently stabilized, will include the following:

- a) Vehicular traffic leaving the construction site will exit through the temporary construction entrance/exit as located and illustrated on Exhibit 2. When soils have collected on the temporary construction entrance/exit to an extent, which reduces its intended effectiveness, the surface will be cleaned and reestablished for its designed or intended purpose.
- b) Mud/dirt inadvertently tracked off-site and onto public streets shall be removed immediately by hand or mechanical broom sweeping.
- c) Construction and waste materials shall be stored within a designated storage area in the construction equipment staging area as located and illustrated on Exhibit 2. Bulk materials such as sand, topsoil, etc. will be bordered on the down gradient sides with a silt fence as illustrated on Exhibit 2. A list of materials to be stored on-site should be recorded and regularly updated on the "On-Site Material List" provided in Exhibit 4.
- d) An area shall be designated as a construction equipment staging area as located on Exhibit 2. Construction equipment (except large slow-moving equipment) not removed from the site at night shall be stored in the containment area.
- e) Excavation spoils temporarily stored on-site, pending off-site disposal in accordance with applicable regulations, shall be bordered on the down gradient side by a silt fence as illustrated on Exhibit 2 and recorded on the "On-Site Material List" provided in Exhibit 4.
- f) The designated construction equipment staging area shall have a single entrance and will be bordered on the down gradient sides by a silt fence as illustrated on Exhibit 2.
- g) Sediment collected behind the silt fence will be periodically collected and placed as fill material within the property. Contaminated sediments will be disposed off-site in accordance to applicable regulations.
- h) The use of on-site temporary construction fuel storage tanks is limited to tank sizes which can only store unregulated quantities of fuel.
- i) Intentional release of vehicle or equipment fluid onto the ground is prohibited. Tainted soil resulting from accidental spills shall be removed and disposed off-site in accordance with applicable regulations.
- j) Scheduled construction equipment and vehicle maintenance accomplished on-site shall be done within the construction equipment and vehicle staging area.
- k) A controlled area on-site as located and illustrated on Exhibit 2 shall be designated as a rinse-out pit for concrete trucks. Rinse-out pits shall be surrounded by a berm or hay bales to prevent runoff of contaminated water. The contractor will advise his concrete suppliers of the requirements to utilize the rinse-out pits for the intended purpose.

# *7-Eleven at Gracie Lane*

## **7-Eleven at Gracie Lane**

### **TPDES – Storm Water Pollution Prevention Plan**

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- l) Additional rinse-out pits may be added as construction conditions require. The contractor will advise his concrete suppliers of the requirements to utilize the rinse-out pits for the intended purpose.
- m) Construction waste materials, domestic garbage, etc. shall be periodically collected and disposed of off-site in accordance with applicable regulations.
- n) Trash receptacles will be established at storage locations, in the vicinity of equipment storing and near the construction areas. Receptacles shall be emptied as required and disposed of off-site in accordance with applicable regulations.
- o) Velocity dissipation devices, if necessary, shall be placed at discharge locations and along the length of any outfall channel to provide a non-erosive flow velocity from the structure to a water course so that the natural physical and biological characteristics and functions are maintained and protected.

#### **4) STATE AND LOCAL CONTROLS**

The site is not located within the Edwards Aquifer Recharge Zone or Contributing Zone.

The site is not located on Native American Tribal lands.

Except as noted herein, there are no other known applicable state, tribal, or local storm water pollution prevention control requirements for construction projects at this location.

All activities during construction shall comply with state and/or local sanitary sewer, septic system, and waste disposal regulations.

Trees, limbs, leaves, brush, and vegetation from clearing operations shall be burned on-site in accordance with applicable permit requirements or removed from the site and disposed off-site in accordance with applicable regulations. Excavation spoils which will not be reused on this development project shall be disposed off-site at an approved location in accordance with applicable regulations.

### **MAINTENANCE**

Structural controls shall be inspected as stipulated in this plan. Structural units shall be maintained to perform the function as intended. When a structure deteriorates to a condition so that its performance is compromised, the structure shall be repaired or replaced to full function as specified prior to the next storm event or as necessary.

Particular attention should be paid to the sedimentation areas behind the rock berm outlets, bagged gravel inlet filters, and silt fences. Sedimentation, including construction debris, tree trimming, trash, municipal type garbage, etc. will be removed and the structure restored to its original dimensions when the sediment has accumulated to six inches or more. Contaminated sediment removed from the containment areas (vehicle maintenance, concrete wash out pits, etc.) shall be disposed of off-site in accordance with appropriate regulations.

# *7-Eleven at Gracie Lane*

## **7-Eleven at Gracie Lane**

### **TPDES – Storm Water Pollution Prevention Plan**

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Exhibit 5 lists the various major components of this pollution prevention plan and identifies the party responsible for its function, maintenance, and inspections.

#### **INSPECTIONS**

Designated and qualified person(s) provided by the permittee shall inspect Pollution Control Measures every fourteen (14) calendar days and within twenty-four (24) hours after a storm event greater than 0.5 inches of rainfall. An inspection report that summarizes the scope of the inspection, date of inspection, major observations, and actions taken as a result of the inspection shall be recorded and maintained as part of Storm water TPDES data for a period of three years after the date of inspection.

As a minimum, the inspector shall observe:

- i) significant disturbed areas for evidence of erosion
- ii) storage areas for evidence of leakage from the exposed stored materials
- iii) structural controls (rock berm, silt fences, etc.) for evidence of failure or excess silting (over six inches deep)
- iv) vehicle exit point for evidence of off-site sediment tracking
- v) vehicle storage areas for signs of leaking equipment or spills
- vi) concrete truck rinse-out pit for signs of potential failure
- vii) general site cleanliness

Deficiencies noted during the inspection will be corrected and documented within seven (7) calendar days following the inspection or before the next anticipated storm event if practicable.

Exhibit 5 lists the various major components of this pollution prevention plan and identifies the party responsible for its function, maintenance, and inspections.

#### **NON-STORM WATER DISCHARGES**

Storm water discharges from this construction site may be intermittently mixed with non- storm water discharges. The following non-storm water discharges from this site authorized under this general permit include:

- i) discharges from firefighting activities
- ii) fire hydrant flushing
- iii) vehicle, external building, and pavement wash water where detergents and soaps are not used and where spills of toxic or hazardous materials have not occurred
- iv) water used to control dust
- v) potable water sources including waterline line flushing
- vi) air conditioning condensate
- vii) uncontaminated ground water or spring water

The above non-storm water components would exit the site via the storm water drainage paths and would be subject to the same filtering and sedimentation provided by the vegetative drainage channels and structural controls used for storm water runoff. Other non-storm water discharges are not anticipated from the construction of this project.

# *7-Eleven at Gracie Lane*

## **PROJECT MILESTONEDATES**

# 7-Eleven at Gracie Lane

## 7-Eleven at Gracie Lane

### TPDES – Storm Water Pollution Prevention Plan

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#### PROJECT MILESTONE DATES

Dates when major site grading activities begin:

<u>Construction Activity</u>	<u>Date</u>

Dates when construction activities temporarily or permanently cease on all or a portion of the project:

<u>Construction Activity</u>	<u>Date</u>

Dates when stabilization measures are initiated:

<u>Stabilization Activity</u>	<u>Date</u>

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## **ON-SITE MATERIALSLIST**

### ***7-Eleven at Gracie Lane***

## ON-SITE MATERIALS LIST

List construction and waste materials to be stored on-site. This list is to be kept current and updated. (Examples: topsoil, gravel, sand, base, excess material to be hauled off, demolition or construction waste, bulk chemicals, fuel, lubricants, etc.)

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

# *7-Eleven at Gracie Lane*

**RESPONSIBLE PARTYFORM**



# 7-Eleven at Gracie Lane

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## Responsible PartyForm

Pollution Prevention Measure		Responsible party Name and Phone Number
General	Revegetation	
	Erosion/Sedimentation Controls	
	Vehicle Exits	
	Material Areas	
	Equipment Areas	
	Concrete Rinse	
	Construction Debris	
	Trash Receptacles	
Infrastructure	Site Clearing	
	Utility Clearing	
	Site Grading	
	Utility Construction	
	Drainage Construction	
	Asphalt Base	
	Asphalt Surface	
	Site Cleanup	

Identify responsible parties and indicate responsible party for each pollution prevention item listed above by marking an X under the Responsible Party Name.

# *7-Eleven at Gracie Lane*

## **INSPECTION REPORT FORM**

# 7-Eleven at Gracie Lane

## 7-Eleven at Gracie Lane

### Inspection Report

Pollution Prevention Measure		Inspected	Corrective Action	
			Description	Date Completed
Silt Fence	Inspections			
	Fencing			
	Sediment Removal			
	Torn Fabric			
	Crushed/Collapsed Fencing			
Rock Berm	Inspections			
	Remove sediment and Debris			
	Repair any loose wire sheathing			
	Reshaping			
	Replaced			
Bagged Gravel Inlet Filters	Inspections			
	Replaced/Reshaped			
	Silt Removed			
Construction	Inspections			
	Additional top Dressing			
	Repair/Cleanout			
	Sediment removed immediately			

Inspector's Name

Inspector's Signature

Name of Owner/Operator

Date

**Note: Inspector is to attach a brief statement of his qualifications to this report.**

# *7-Eleven at Gracie Lane*

## **PLAN MODIFICATIONS** **(IF NECESSARY)**

# *7-Eleven at Gracie Lane*

## **SPILL RESPONSE ACTIONS**

# *7-Eleven at Gracie Lane*

## **Potential Pollutants**

The following potential pollutants can be reasonably expected at construction sites: construction debris, litter, chemical wastes, construction materials, sediment, dust, waste materials, petroleum products, sand, concrete truck wash out water, erosive flow velocity, crushed rock, discarded equipment, acid, sanitary wastes, curing compounds, lime, fly ash, cement, biological materials, and other similar pollutants. Any additional or unique potential pollutants will be addressed on the project's site map. Potential pollutants can be reasonably associated with the following typical point sources: fuel tanks, construction equipment, parked vehicles, waste containers, vehicle traffic, pumps, drainage swales, channels, exposed soil, construction entrances, stored construction materials, construction personnel, temporary buildings, demolished structures, concrete trucks, sanitary facilities, and other similar point sources. Any additional or unique point sources will be addressed on the project's site map.

## **Spills Cleanup and Management**

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

- To the extent that the work can be accomplished safely, spills of oil, petroleum products, substances listed under 40 CFR parts 110, 117, and 302, and sanitary and septic wastes shall be contained and cleaned up immediately.
- Materials and equipment necessary for spill cleanup should be kept on site in anticipation of expected spills. Equipment and materials will most likely include but not be limited to brooms, dustpans, mops, rags, gloves, goggles, kitty litter, sand, sawdust, and plastic and metal trash containers specifically for this purpose.
- When spills or other accidental exposure of the substances described above occur, the following steps will be taken by the operator:
  - o To the maximum extent practicable, the spill or leak will be stopped.
  - o Once the leaking material has been stopped, the spill must be contained to minimize the affected area.
  - o If the spill poses an immediate danger to the public, emergency response personnel will be called. All operators on site will be notified of the spill immediately.
  - o The engineer inspector will determine whether the spill is of a reportable quantity and will coordinate appropriate activities as determined by the manufacturers' recommended methods for spill cleanup or material safety data sheet.

# *7-Eleven at Gracie Lane*

## **Spill Reporting**

As soon as practicable, but not later than 24 hours after the discovery of an emissions event, the owner or operator of a regulated entity shall determine if the event is a reportable emissions event and notify all appropriate local pollution control agencies with jurisdiction. Spills of toxic or hazardous material of a reportable quantity should be reported to the appropriate State or Local government agency. The reportable quantities for hazardous substances for spills or discharges shall be the quantity designated as the Final Reportable Quantity (RQ) in Table 302.4 in Title 40 "Environmental Protection" of the Code of Federal Regulations §302.4.

Please refer to the emergency phone numbers listed:

- EPA Region 6 Emergency Response 24-Hour Hotline (214) 665-2222
- National Response Center 24-Hour Hotline (800) 424-8802
- Texas Environmental Release 24-Hour Hotline (800) 832-8224
- TCEQ Region 11, Austin Headquarters (512)-339-2929
- TCEQ Spill Response Link- [www.tceq.texas.gov/response/spills](http://www.tceq.texas.gov/response/spills)

## **Texas Administrative Code for Reportable Quantities**

[TITLE 30](#)

ENVIRONMENTAL QUALITY

[PART 1](#)

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

[CHAPTER 327](#)

SPILL PREVENTION AND CONTROL

RULE §327.4

- (a) Hazardous substances. The reportable quantities for hazardous substances shall be:
- (1) for spills or discharges onto land--the quantity designated as the Final Reportable Quantity (RQ) in Table 302.4 in 40 CFR §302.4; or
  - (2) for spills or discharges into waters in the state--the quantity designated as the Final RQ in Table 302.4 in 40 CFR §302.4, except where the Final RQ is greater than 100 pounds in which case the RQ shall be 100 pounds.
- (b) Oil, petroleum product, and used oil.
- (1) The RQ for crude oil and oil other than that defined as petroleum product or used oil shall be:
    - (A) for spills or discharges onto land--210 gallons (five barrels); or
    - (B) for spills or discharges directly into water in the state--quantity sufficient to create a sheen.
  - (2) The RQ for petroleum product and used oil shall be:
    - (A) except as noted in subparagraph (B) of this paragraph, for spills or discharges onto land--25 gallons;
    - (B) for spills or discharges to land from PST exempted facilities--210 gallons (five barrels); or
    - (C) for spills or discharges directly into water in the state--quantity sufficient to create a sheen.
- (c) Industrial solid waste or other substances. The RQ for spills or discharges into water in the shall be 100 pounds.

# *7-Eleven at Gracie Lane*

## **Information for the Initial Notification**

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

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

The identities of any government or private-sector representatives responding at the scene.



## *7-Eleven at Gracie Lane*

**TEXAS COMMISSION ON ENVIRONMENTAL QUALITY TDPES  
GENERAL PERMIT (TXR150000) CONSTRUCTION SITE  
NOTICES PART IID.1&D.2**

# 7-Eleven at Gracie Lane



## CONSTRUCTION SITE NOTICE

FOR THE  
Texas Commission on Environmental Quality (TCEQ)  
Storm Water Program  
**TPDES GENERAL PERMIT TXR150000**

The following information is posted in compliance with **Part II.D.1.** of the TCEQ General Permit Number TXR150000 for discharges of storm water runoff from construction sites. Additional information regarding the TCEQ storm water permit program may be found on the internet at:

[www.tnrcc.state.tx.us/permitting/waterperm/wwperm/tpdestorm](http://www.tnrcc.state.tx.us/permitting/waterperm/wwperm/tpdestorm)

Contact Name and Phone Number:	Contractor: Contact: Phone:
Project Description:  (Physical address or description of the site's location, estimated start date and projected end date, or date that disturbed soils will be stabilized)	EAST OF HWY 183 & SOUTH OF HWY 29 (WILL BE ON HWY 29 & GRACIE LANE)  Estimated Start Date: September 1, 2024 Projected End Date: December 1, 2024

For Construction Sites Authorized Under Part II.D.1. the following certification must be completed:

I \_\_\_\_\_ (Typed or Printed Name Person Completing This Certification) certify under penalty of law that I have read and understand the eligibility requirements for claiming an authorization by waiver under Part II.D.1. of TPDES General Permit TXR150000 and agree to comply with the terms of this permit. Construction activities at this site shall occur within a time period listed in Appendix A of the TPDES general permit for this county, that period beginning on \_\_\_\_\_ and ending on \_\_\_\_\_. I understand that if construction activities continue past this period, all storm water runoff must be authorized under a separate provision of this general permit. A copy of this signed notice is supplied to the operator of the MS4 if discharges enter an MS4 system. I am aware there are significant penalties for providing false information or for conducting unauthorized discharges, including the possibility of fine and imprisonment for knowing violations.

\_\_\_\_\_  
Signature and Title

\_\_\_\_\_  
Date

# 7-Eleven at Gracie Lane



## CONSTRUCTION SITE NOTICE

FOR THE  
Texas Commission on Environmental Quality (TCEQ)  
Storm Water Program  
**TPDES GENERAL PERMIT TXR150000**

The following information is posted in compliance with **Part II.D.2.** of the TCEQ General Permit Number TXR150000 for discharges of storm water runoff from construction sites. Additional information regarding the TCEQ storm water permit program may be found on the internet at:

[www.tnrc.state.tx.us/permitting/waterperm/wwperm/tpdestorm](http://www.tnrc.state.tx.us/permitting/waterperm/wwperm/tpdestorm)

Contact Name and Phone Number:	Contractor: Contact: Phone:
Project Description:  (Physical address or description of the site's location, estimated start date and projected end date, or date that disturbed soils will be stabilized)	EAST OF HWY 183 & SOUTH OF HWY 29 (WILL BE ON HWY 29 & GRACIE LANE)  Estimated Start Date: September 1, 2024 Projected End Date: December 1, 2024
Location of Storm Water Pollution Prevention Plan :	

For Construction Sites Authorized Under Part II.D.2. (Obtaining Authorization to Discharge) the following certification must be completed:

I \_\_\_\_\_ (Typed or Printed Name Person Completing This Certification) certify under penalty of law that I have read and understand the eligibility requirements for claiming an authorization under Part II.D.2. of TPDES General Permit TXR150000 and agree to comply with the terms of this permit. A storm water pollution prevention plan has been developed and implemented according to permit requirements. A copy of this signed notice is supplied to the operator of the MS4 if discharges enter an MS4 system. I am aware there are significant penalties for providing false information or for conducting unauthorized discharges, including the possibility of fine and imprisonment for knowing violations.

Signature and Title

Date

# *7-Eleven at Gracie Lane*

**NOTICE OF INTENT (NOI) FOR  
STORMWATER DISCHARGES  
ASSOCIATED WITH CONSTRUCTION ACTIVITY UNDER TPDES  
GENERAL PERMIT (TXR150000)**

# 7-Eleven at Gracie Lane

TCEQ Office Use Only

Permit No:

CN:

RN:



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

### IMPORTANT INFORMATION

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

Use the NOI Checklist to ensure all required information is completed correctly.

**Incomplete applications delay approval or result in automatic denial.**

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

### ePERMITS

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

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

### APPLICATION FEE AND PAYMENT

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

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

Provide your payment information for verification of payment:

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

# 7-Eleven at Gracie Lane

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

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

If Yes, provide the authorization number here: TXR15

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

SECTION

## 1. OPERATOR (APPLICANT)

a) If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? CN 606124527

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

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

212 Gunner, LTD

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

Prefix (Mr. Ms. Miss): Mr.

First and Last Name: William B Pohl Suffix: Title:

Credentials:

Phone Number: 512-355-5577

Fax Number:

E-mail: lmiks@pohlbrown.com

Mailing Address: 10800 Pecan Park Blvd. Suite 125

City, State, and Zip Code: Austin TX, 78750

Mailing Information if outside USA: Territory:

Country Code: Postal Code:

d) Indicate the type of customer:

☐ Individual

☒ Limited Partnership

☐ General Partnership

☐ Trust

☐ Sole Proprietorship (D.B.A.)

☐ Corporation

☐ Estate

☐ Federal Government

☐ County Government

☐ State Government

☐ City Government

☐ Other Government

☐ Other:

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

# 7-Eleven at Gracie Lane

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

**1** Number of Employees. Select the range applicable to your company.

☒ 0-20

☐ 251-500

☐ 21-100

☐ 501 or higher

☐ 101-250

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

State Franchise Tax ID Number: 32070042463

Federal Tax ID: 834000371

Texas Secretary of State Charter (filing) Number: 0803262122

DUNS Number (if known):

## SECTION 2. APPLICATION CONTACT

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

☐ Yes, go to Section 3

☒ No, complete this section

Prefix (Mr. Ms. Miss): Mr.

First and Last Name: Anthony Goode Suffix:

Title: President Credential: P.E.

Organization Name: Goode Faith Engineering LLC

Phone Number: 972-822-1682 Fax Number:

E-mail: Anthony@goodefaitheng.com

Mailing Address: 1620 La Jaita Dr., Ste.300

Internal Routing (Mail Code, Etc.):

City, State, and Zip Code: Cedar Park, TX, 78613

Mailing information if outside USA:

Territory:

Country Code:  Postal Code:

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

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

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

# 7-Eleven at Gracie Lane

- b) Name of project or site (the name known by the community where it's located):

7-Eleven

- c) In your own words, briefly describe the type of construction occurring at the regulated site(residential, industrial, commercial, or other): Other: Gas Station

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

- e) Latitude: 30.649758 Longitude: -97.868068

- f) Site Address/Location

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

If the site does not have a physical address, provide a location description in *Section B*.

Example: located on the north side of FM 123, 2 miles west of the intersection of FM 123 and Highway 1.

## *Section A:*

Street Number and Name:

City, State, and Zip Code:

## *Section B*

Location Description: EAST OF HWY 183 & SOUTH OF HWY 29 (WILL BE ON HWY 29 & GRACIE LANE)

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

Zip Code where the site is located: 78642

## SECTION 4. GENERAL CHARACTERISTICS

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

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

☒ No

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

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

☒ No

- c) What is the Primary Standard Industrial Classification (SIC) Code that best describes the construction activity being conducted at the site? 1542

- d) What is the Secondary SIC Code(s), if applicable?

- e) What is the total number of acres to be disturbed? +/- 3.19

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

TCEQ-20022 (3/6/2018)

Notice of Intent for Construction Stormwater Discharges under TXR150000



# 7-Eleven at Gracie Lane

☒ Yes

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

g) What is the estimated start date of the project? September 1, 2024

h) What is the estimated end date of the project? December 1, 2024

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

j) What is the name of the first water body(ies) to receive the stormwater runoff or potential runoff from the site? South Fork San Gabriel River

k) What is the segment number(s) of the classified water body(ies) that the discharge will eventually reach? 1250 South Fork San Gabriel River

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

☐ Yes ☒ No

If Yes, provide the name of the MS4 operator:  

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

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

☒ Yes, complete the certification below.

☐ No, go to Section 5

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

## SECTION 5. NOI CERTIFICATION

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

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

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

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

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

# *7-Eleven at Gracie Lane*

## SECTION 6. APPLICANT CERTIFICATION SIGNATURE

Operator Signatory Name: \_\_\_\_\_

Operator Signatory Title: \_\_\_\_\_

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

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

Signature (use blue ink): \_\_\_\_\_ Date: \_\_\_\_\_

# 7-Eleven at Gracie Lane

## NOTICE OF INTENT CHECKLIST (TXR150000)

Did you complete everything? Use this checklist to be sure!

Are you ready to mail your form to TCEQ? Go to the General Information Section of the Instructions for mailing addresses.

Confirm each item (or applicable item) in this form is complete. This checklist is for use by the applicant to ensure a complete application is being submitted. **Missing information may result in denial of coverage under the general permit.** (See NOI process description in the General Information and Instructions.)

### APPLICATION FEE

If paying by check:

- ☐ Check was mailed **separately** to the TCEQs Cashier's Office. (See Instructions for Cashier's address and Application address.)
- ☐ Check number and name on check is provided in this application.

If using ePay:

- ☐ The voucher number is provided in this application and a copy of the voucher is attached.

### RENEWAL

- ☐ If this application is for renewal of an existing authorization, the authorization number is provided.

### OPERATOR INFORMATION

- ☒ Customer Number (CN) issued by TCEQ Central Registry
- ☒ Legal name as filed to do business in Texas. (Call TX SOS 512-463-5555 to verify.)
- ☒ Name and title of responsible authority signing the application.
- ☒ Phone number and e-mail address
- ☒ Mailing address is complete & verifiable with USPS. [www.usps.com](http://www.usps.com)
- ☒ Type of operator (entity type). Is applicant an independent operator?
- ☒ Number of employees.
- ☒ For corporations or limited partnerships – Tax ID and SOS filing numbers.
- ☒ Application contact and address is complete & verifiable with USPS.  
<http://www.usps.com>

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

- ☐ Regulated Entity Number (RN) (if site is already regulated by TCEQ)
- ☒ Site/project name and construction activity description
- ☒ County
- ☒ Latitude and longitude <http://www.tceq.texas.gov/gis/sqmaview.html>

# 7-Eleven at Gracie Lane

☐ Site Address/Location. Do not use a rural route or post office box.

## GENERAL CHARACTERISTICS

X Indian Country Lands –the facility is not on Indian Country Lands.

X Construction activity related to facility associated to oil, gas, or geothermal resources

X Primary SIC Code that best describes the construction activity being conducted at the site. [www.osha.gov/oshstats/sicser.html](http://www.osha.gov/oshstats/sicser.html)

☒ Estimated starting and ending dates of the project.

☒ Confirmation of concrete truck washout.

☒ Acres disturbed is provided and qualifies for coverage through a NOI.

☒ Common plan of development or sale.

☒ Receiving water body or water bodies.

X Segment number or numbers.

☐ MS4 operator.

☒ Edwards Aquifer rule.

## CERTIFICATION

☒ Certification statements have been checked indicating Yes.

☒ Signature meets 30 Texas Administrative Code (TAC) §305.44 and is original.

# 7-Eleven at Gracie Lane

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

### GENERAL INFORMATION

#### Where to Send the Notice of Intent (NOI):

(TXR150000)

By Regular Mail: TCEQ  
Stormwater Processing Center (MC228)  
P.O. Box 13087  
Austin, Texas 78711-3087

By Overnight or Express Mail:  
TCEQ  
Stormwater Processing Center (MC228)  
12100 Park 35 Circle  
Austin, TX

#### Application Fee:

The application fee of \$325 is required to be paid at the time the NOI is submitted. Failure to submit payment at the time the application is filed will cause delays in acknowledgment or denial of coverage under the general permit. Payment of the fee may be made by check or money order, payable to TCEQ, or through EPAY (electronic payment through the web).

#### Mailed Payments:

Use the attached General Permit Payment Submittal Form. The application fee is submitted to a different address than the NOI. Read the General Permit Payment Submittal Form for further instructions, including the address to send the payment.

#### ePAY Electronic Payment: <http://www.tceq.texas.gov/epay>

When making the payment you must select Water Quality, and then select the fee category "General Permit Construction Storm Water Discharge NOI Application". You must include a copy of the payment voucher with your NOI. Your NOI will not be considered complete without the payment

#### TCEQ Contact List:

Application – status and form questions:	512-239-3700, <a href="mailto:swpermit@tceq.texas.gov">swpermit@tceq.texas.gov</a>
Technical questions:	512-239-4671, <a href="mailto:swgp@tceq.texas.gov">swgp@tceq.texas.gov</a>
Environmental Law Division:	512-239-0600
Records Management - obtain copies of forms:	512-239-0900
Reports from databases (as available):	512-239-DATA (3282) Cashier's
office:	512-239-0357 or 512-239-0187

#### Notice of Intent Process:

When your NOI is received by the program, the form will be processed as follows:

- **Administrative Review:** Each item on the form will be reviewed for a complete response. In addition, the operator's legal name must be verified with Texas Secretary of State as valid and active (if applicable). The address(es) on the form must be verified with the US Postal service as receiving regular mail delivery. Do not give an overnight/express mailing address.

# 7-Eleven at Gracie Lane

- ☐ **Notice of Deficiency:** If an item is incomplete or not verifiable as indicated above, a notice of deficiency (NOD) will be mailed to the operator. The operator will have 30 days to respond to the NOD. The response will be reviewed for completeness.
- ☐ **Acknowledgment of Coverage:** An Acknowledgment Certificate will be mailed to the operator. This certificate acknowledges coverage under the general permit.

or

**Denial of Coverage:** If the operator fails to respond to the NOD or the response is inadequate, coverage under the general permit may be denied. If coverage is denied, the operator will be notified.

## General Permit (Your Permit)

For NOIs submitted **electronically** through ePermits, provisional coverage under the general permit begins immediately following confirmation of receipt of the NOI form by the TCEQ.

For **paper** NOIs, provisional coverage under the general permit begins **7 days after a completed NOI is postmarked for delivery** to the TCEQ.

You should have a copy of your general permit when submitting your application. You may view and print your permit for which you are seeking coverage, on the TCEQ web site <http://www.tceq.texas.gov>. Search using keyword TXR150000.

## Change in Operator

An authorization under the general permit is not transferable. If the operator of the regulated project or site changes, the present permittee must submit a Notice of Termination and the new operator must submit a Notice of Intent. The NOT and NOI must be submitted no later than 10 days prior to the change in Operator status.

## TCEQ Central Registry Core Data Form

The Core Data Form has been incorporated into this form. Do not send a Core Data Form to TCEQ. After final acknowledgment of coverage under the general permit, the program will assign a Customer Number and Regulated Entity Number, if one has not already been assigned to this customer or site.

For existing customers and sites, you can find the Customer Number and Regulated Entity Number by entering the following web address into your internet browser: <http://www15.tceq.texas.gov/crpub/> or you can contact the TCEQ Stormwater Processing Center at 512-239-3700 for assistance. On the website, you can search by your permit number, the Regulated Entity (RN) number, or the Customer Number (CN). If you do not know these numbers, you can select "Advanced Search" to search by permittee name, site address, etc.

The Customer (Permittee) is responsible for providing consistent information to the TCEQ, and for updating all CN and RN data for all authorizations as changes occur. For this permit, a Notice of Change form must be submitted to the program area.

# 7-Eleven at Gracie Lane

## INSTRUCTIONS FOR FILLING OUT THE NOI FORM

**Renewal of General Permit.** Dischargers holding active authorizations under the expired General Permit are required to submit a NOI to continue coverage. The existing permit number is required. If the permit number is not provided or has been terminated, expired, or denied, a new permit number will be issued.

### Section 1. OPERATOR (APPLICANT)

#### a) Customer Number (CN)

TCEQ's Central Registry will assign each customer a number that begins with CN, followed by nine digits. **This is not a permit number, registration number, or license number.**

If the applicant is an existing TCEQ customer, the Customer Number is available at the following website: <http://www15.tceq.texas.gov/crpub/>. If the applicant is not an existing TCEQ customer, leave the space for CN blank.

#### b) Legal Name of Applicant

Provide the current legal name of the applicant. The name must be provided exactly as filed with the Texas Secretary of State (SOS), or on other legal documents forming the entity, as filed in the county. You may contact the SOS at 512-463-5555, for more information related to filing in Texas. If filed in the county, provide a copy of the legal documents showing the legal name.

#### c) Contact Information for the Applicant (Responsible Authority)

Provide information for the person signing the application in the Certification section. This person is also referred to as the Responsible Authority.

Provide a complete mailing address for receiving mail from the TCEQ. The mailing address must be recognized by the US Postal Service. You may verify the address on the following website: <https://tools.usps.com/go/ZipLookupAction!input.action>.

The phone number should provide contact to the applicant.

The fax number and e-mail address are optional and should correspond to the applicant.

#### d) Type of Customer (Entity Type)

Check only one box that identifies the type of entity. Use the descriptions below to identify the appropriate entity type. Note that the selected entity type also indicates the name that must be provided as an applicant for an authorization.

##### **Individual**

An individual is a customer who has not established a business, but conducts an activity that needs to be regulated by the TCEQ.

##### **Partnership**

A customer that is established as a partnership as defined by the Texas Secretary of State Office (TX SOS). If the customer is a 'General Partnership' or 'Joint Venture' filed in the county (not filed with TX SOS), the legal name of each partner forming the 'General Partnership' or 'Joint Venture' must be provided. Each 'legal entity' must apply as a co-applicant.

# *7-Eleven at Gracie Lane*

## **Trust or Estate**

A trust and an estate are fiduciary relationships governing the trustee/executor with respect to the trust/estate property.

## **Sole Proprietorship (DBA)**

A sole proprietorship is a customer that is owned by only one person and has not been incorporated. This business may:

1. be under the person's name
2. have its own name (doing business as or DBA)
3. have any number of employees.

If the customer is a Sole Proprietorship or DBA, the 'legal name' of the individual business 'owner' must be provided. The DBA name is not recognized as the 'legal name' of the entity. The DBA name may be used for the site name (regulated entity).

## **Corporation**

A customer that meets all of these conditions:

1. is a legally incorporated entity under the laws of any state or country
2. is recognized as a corporation by the Texas Secretary of State
3. has proper operating authority to operate in Texas

The corporation's 'legal name' as filed with the Texas Secretary of State must be provided as applicant. An 'assumed' name of a corporation is not recognized as the 'legal name' of the entity.

## **Government**

Federal, state, county, or city government (as appropriate)

The customer is either an agency of one of these levels of government or the governmental body itself. The government agency's 'legal name' must be provided as the applicant. A department name or other description of the organization is not recognized as the 'legal name'.

## **Other**

This may include a utility district, water district, tribal government, college district, council of governments, or river authority. Provide the specific type of government.

### **e) Independent Entity**

Check if this customer is a subsidiary, part of a larger company, or is a governmental entity. Otherwise, check Yes.

### **f) Number of Employees**

Check one box to show the number of employees for this customer's entire company, at all locations. This is not necessarily the number of employees at the site named in the application.



# *7-Eleven at Gracie Lane*

## **g) Customer Business Tax and Filing Numbers**

These are required for Corporations and Limited Partnerships. These are not required for Individuals, Government, and Sole Proprietors.

### **State Franchise Tax ID Number**

Corporations and limited liability companies that operate in Texas are issued a franchise tax identification number. If this customer is a corporation or limited liability company, enter the Tax ID number.

### **Federal Tax ID**

All businesses, except for some small sole proprietors, individuals, or general partnerships should have a federal taxpayer identification number (TIN). Enter this number here. Use no prefixes, dashes, or hyphens. Sole proprietors, individuals, or general partnerships do not need to provide a federal tax ID.

### **TX SOS Charter (filing) Number**

Corporations and Limited Partnerships required to register with the Texas Secretary of State are issued a charter or filing number. You may obtain further information by calling SOS at 512-463-5555.

### **DUNS Number**

Most businesses have a DUNS (Data Universal Numbering System) number issued by Dun and Bradstreet Corp. If this customer has one, enter it here.

## **Section 2. APPLICATION CONTACT**

Provide the name and contact information for the person that TCEQ can contact for additional information regarding this application.

## **Section 3. REGULATED ENTITY (RE) INFORMATION ON PROJECT OR SITE**

### **a) Regulated Entity Number (RN)**

The RN is issued by TCEQ's Central Registry to sites where an activity is regulated by TCEQ. This is not a permit number, registration number, or license number. Search TCEQ's Central Registry to see if the site has an assigned RN at <http://www15.tceq.texas.gov/crpub/>. If this regulated entity has not been assigned an RN, leave this space blank.

If the site of your business is part of a larger business site, an RN may already be assigned for the larger site. Use the RN assigned for the larger site.

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

An example is a chemical plant where a unit is owned or operated by a separate corporation that is accessible by the same physical address of your unit or facility. Other examples include industrial parks identified by one common address but different corporations have control of defined areas within the site. In both cases, an RN would be assigned for the physical address location and the permitted sites would be identified separately under the same RN.

# 7-Eleven at Gracie Lane

## b) Name of the Project or Site

Provide the name of the site or project as known by the public in the area where the site is located. The name you provide on this application will be used in the TCEQ Central Registry as the Regulated Entity name.

## c) Description of Activity Regulated

In your own words, briefly describe the primary business that you are doing that requires this authorization. Do not repeat the SIC Code description.

## d) County

Provide the name of the county where the site or project is located. If the site or project is located in more than one county, provide the county names as secondary.

## e) Latitude and Longitude

Enter the latitude and longitude of the site in degrees, minutes, and seconds or decimal form. For help obtaining the latitude and longitude, go to:

<http://www.tceq.texas.gov/gis/sqmapview.html>.

## f) Site Address/Location

If a site has an address that includes a street number and street name, enter the complete address for the site in *Section A*. If the physical address is not recognized as a USPS delivery address, you may need to validate the address with your local police (911 service) or through an online map site used to locate a site. Please confirm this to be a complete and valid address. Do not use a rural route or post office box for a site location.

If a site does not have an address that includes a street number and street name, provide a complete written location description in *Section B*. For example: "The site is located on the north side of FM 123, 2 miles west of the intersection of FM 123 and Highway 1."

Provide the city (or nearest city) and zip code of the site location.

## Section 4. GENERAL CHARACTERISTICS

### a) Indian Country Lands

If your site is located on Indian Country Lands, the TCEQ does not have authority to process your application. You must obtain authorization through EPA Region 6, Dallas. Do not submit this form to TCEQ.

### b) Construction activity associated with facility associated with exploration, development, or production of oil, gas, or geothermal resources

If your activity is associated with oil and gas exploration, development, or production, you may be under jurisdiction of the Railroad Commission of Texas (RRC) and may need to obtain authorization from EPA Region 6.

Construction activities associated with a facility related to oil, gas or geothermal resources may include the construction of a well site; treatment or storage facility; underground hydrocarbon or natural gas storage facility; reclamation plant; gas processing facility; compressor station; terminal facility where crude oil is stored prior to refining and at which refined products are stored solely for use at the facility; a carbon dioxide geologic storage facility; and a gathering, transmission, or distribution

## 7-Eleven at Gracie Lane

pipeline that will transport crude oil or natural gas, including natural gas liquids, prior to refining of such oil or the use of the natural gas in any manufacturing process or as a residential or industrial fuel.

Where required by federal law, discharges of stormwater associated with construction activities under the RRC's jurisdiction must be authorized by the EPA and the RRC, as applicable. Activities under RRC jurisdiction include construction of a facility that, when completed, would be associated with the exploration, development, or production of oil or gas or geothermal resources, such as a well site; treatment or storage facility; underground hydrocarbon or natural gas storage facility; reclamation plant; gas processing facility; compressor station; terminal facility where crude oil is stored prior to refining and at which refined products are stored solely for use at the facility; a carbon dioxide geologic storage facility under the jurisdiction of the RRC; and a gathering, transmission, or distribution pipeline that will transport crude oil or natural gas, including natural gas liquids, prior to refining of such oil or the use of the natural gas in any manufacturing process or as a residential or industrial fuel. The RRC also has jurisdiction over stormwater from land disturbance associated with a site survey that is conducted prior to construction of a facility that would be regulated by the RRC. Under 33 U.S.C. §1342(l)(2) and §1362(24), EPA cannot require a permit for discharges of stormwater from field activities or operations associated with {oil and gas} exploration, production, processing, or treatment operations, or transmission facilities, including activities necessary to prepare a site for drilling and for the movement and placement of drilling equipment, whether or not such field activities or operations may be considered to be construction activities unless the discharge is contaminated by contact with any overburden, raw material, intermediate product, finished product, byproduct, or waste product located on the site of the facility. Under §3.8 of this title (relating to Water Protection), the RRC prohibits operators from causing or allowing pollution of surface or subsurface water. Operators are encouraged to implement and maintain best management practices (BMPs) to minimize discharges of pollutants, including sediment, in stormwater during construction activities to help ensure protection of surface water quality during storm events.

For more information about the jurisdictions of the RRC and the TCEQ, read the Memorandum of Understanding (MOU) between the RRC and TCEQ at 16 Texas Administrative Code, Part 1, Chapter 3, Rule 3.30, by entering the following link into an internet browser: [http://texreg.sos.state.tx.us/public/readtac\\$ext.TacPage?sl=R&app=9&p\\_dir=&p\\_rloc=&p\\_tloc=&p\\_ploc=&pg=1&p\\_tac=&ti=16&pt=1&ch=3&rl=30](http://texreg.sos.state.tx.us/public/readtac$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=16&pt=1&ch=3&rl=30) or contact the TCEQ Stormwater Team at 512-239-4671 for additional information.

Provide the SIC Code that best describes the construction activity being conducted at this

**c) Primary Standard Industrial Classification (SIC) Code**  
site.

Common SIC Codes related to construction activities include:

- ☐ 1521 - Construction of Single-Family Homes
- ☐ 1522 - Construction of Residential Buildings Other than Single Family Homes
- ☐ 1541 - Construction of Industrial Buildings and Warehouses

# 7-Eleven at Gracie Lane

- 1542 - Construction of Non-residential Buildings, other than Industrial Buildings and Warehouses
- 1611 - Highway and Street Construction, except Highway Construction
- 1622 - Bridge, Tunnel, and Elevated Highway Construction
- 1623 - Water, Sewer, Pipeline and Communications, and Power Line Construction

For help with SIC Codes, enter the following link into your internet browser:

<http://www.osha.gov/pls/imis/sicsearch.html> or you can contact the TCEQ Small Business and Local Government Assistance Section at 800-447-2827 for assistance.

## d) Secondary SIC Code

Secondary SIC Code(s) may be provided. Leave this blank if not applicable. For help with SIC Codes, enter the following link into your internet browser:

<http://www.osha.gov/pls/imis/sicsearch.html> or you can contact the TCEQ Small Business and Environmental Assistance Section at 800-447-2827 for assistance.

## e) Total Number of Acres Disturbed

Provide the approximate number of acres that the construction site will disturb. Construction activities that disturb less than one acre, unless they are part of a larger common plan that disturbs more than one acre, do not require permit coverage. Construction activities that disturb between one and five acres, unless they are part of a common plan that disturbs more than five acres, do not require submission of an NOI. Therefore, the estimated area of land disturbed should not be less than five, unless the project is part of a larger common plan that disturbs five or more acres. Disturbed means any clearing, grading, excavating, or other similar activities.

If you have any questions about this item, please contact the stormwater technical staff by phone at 512-239-4671 or by email at [swgp@tceq.texas.gov](mailto:swgp@tceq.texas.gov).

## f) Common Plan of Development

Construction activities that disturb less than five acres do not require submission of an NOI unless they are part of a common plan of development or for sale where the area disturbed is five or more acres. Therefore, the estimated area of land disturbed should not be less than five, unless the project is part of a larger common plan that disturbs five or more acres. Disturbed means any clearing, grading, excavating, or other similar activities.

For more information on what a common plan of development is, refer to the definition of "Common Plan of Development" in the section of the general permit or enter the following link into your internet browser:

[www.tceq.texas.gov/permitting/stormwater/common\\_plan\\_of\\_development\\_steps.html](http://www.tceq.texas.gov/permitting/stormwater/common_plan_of_development_steps.html)

For further information, go to the TCEQ stormwater construction webpage enter the following link into your internet browser: [www.tceq.texas.gov/goto/construction](http://www.tceq.texas.gov/goto/construction) and search for "Additional Guidance and Quick ". If you have any further questions about the Common Plan of Development you can contact the TCEQ Stormwater Team at 512-239-4671 or the TCEQ Small Business and Environmental Assistance at 800-447- 2827.

# *7-Eleven at Gracie Lane*

## **g) Estimated Start Date of the Project**

This is the date that any construction activity or construction support activity is initiated at the site. If renewing the permit provide the original start date of when construction activity for this project began.

## **h) Estimated End Date of the Project**

This is the date that any construction activity or construction support activity will end and final stabilization will be achieved at the site.

## **i) Will concrete truck washout be performed at the site?**

Indicate if you expect that operators of concrete trucks will washout concrete trucks at the construction site.

## **j) Identify the water body(s) receiving stormwater runoff**

The stormwater may be discharged directly to a receiving stream or through a MS4 from your site. It eventually reaches a receiving water body such as a local stream or lake, possibly via a drainage ditch. You must provide the name of the water body that receives the discharge from the site (a local stream or lake).

If your site has more than one outfall you need to include the name of the first water body for each outfall, if they are different.

## **k) Identify the segment number(s) of the classified water body(s)**

Identify the classified segment number(s) receiving a discharge directly or indirectly. Enter the following link into your internet browser to find the segment number of the classified water body where stormwater will flow from the site:

[www.tceq.texas.gov/waterquality/monitoring/viewer.html](http://www.tceq.texas.gov/waterquality/monitoring/viewer.html) or by contacting the TCEQ Water Quality Division at (512) 239-4671 for assistance.

You may also find the segment number in TCEQ publication GI-316 by entering the following link into your internet browser: [www.tceq.texas.gov/publications/gi/gi-316](http://www.tceq.texas.gov/publications/gi/gi-316) or by contacting the TCEQ Water Quality Division at (512) 239-4671 for assistance.

If the discharge is into an unclassified receiving water and then crosses state lines prior to entering a classified segment, select the appropriate watershed:

- ☐ 0100 (Canadian River Basin)
- ☐ 0200 (Red River Basin)
- ☐ 0300 (Sulfur River Basin)
- ☐ 0400 (Cypress Creek Basin)
- ☐ 0500 (Sabine River Basin)

Call the Water Quality Assessments section at 512-239-4671 for further assistance.

## **l) Discharge into MS4 – Identify the MS4 Operator**

The discharge may initially be into a municipal separate storm sewer system (MS4). If the stormwater discharge is into an MS4, provide the name of the entity that operates the MS4 where the stormwater discharges. An MS4 operator is often a city, town, county, or utility district, but possibly can be another form of government. Please note that the Construction General Permit requires the Operator to supply the MS4 with a

# 7-Eleven at Gracie Lane

copy of the NOI submitted to TCEQ. For assistance, you may call the technical staff at 512-239-4671.

## m) Discharges to the Edwards Aquifer Recharge Zone and Certification

The general permit requires the approved Contributing Zone Plan or Water Pollution Abatement Plan to be included or referenced as a part of the Stormwater Pollution Prevention Plan.

See maps on the TCEQ website to determine if the site is located within the Recharge Zone, Contributing Zone, or Contributing Zone within the Transition Zone of the Edwards Aquifer by entering the following link into an internet browser:

[www.tceq.texas.gov/field/eapp/viewer.html](http://www.tceq.texas.gov/field/eapp/viewer.html) or by contacting the TCEQ Water Quality Division at 512-239-4671 for assistance.

If the discharge or potential discharge is within the Recharge Zone, Contributing Zone, or Contributing Zone within the Transition Zone of the Edwards Aquifer, a site-specific authorization approved by the Executive Director under the Edwards Aquifer Protection Program (30 TAC Chapter 213) is required before construction can begin.

For questions regarding the Edwards Aquifer Protection Program, contact the appropriate TCEQ Regional Office. For projects in Hays, Travis and Williamson Counties: Austin Regional Office, 12100 Park 35 Circle, Austin, TX 78753, 512-339- 2929. For Projects in Bexar, Comal, Kinney, Medina and Uvalde Counties: TCEQ San Antonio Regional Office, 14250 Judson Rd., San Antonio, TX 78233-4480, 210-490- 3096.

## Section 5. NOI CERTIFICATION

**Note: Failure to indicate Yes to all of the certification items may result in denial of coverage under the general permit.**

### a) Certification of Understanding the Terms and Conditions of Construction General Permit (TXR150000)

Provisional coverage under the Construction General Permit (TXR150000) begins 7 days after the completed paper NOI is postmarked for delivery to the TCEQ. Electronic applications submitted through ePermits have immediate provisional coverage. You must obtain a copy and read the Construction General Permit before submitting your application. You may view and print the Construction General Permit for which you are seeking coverage at the TCEQ web site by entering the following link into an internet browser:

[www.tceq.texas.gov/goto/construction](http://www.tceq.texas.gov/goto/construction) or you may contact the TCEQ Stormwater processing Center at 512-239-3700 for assistance.

### b) Certification of Legal Name

The full legal name of the applicant as authorized to do business in Texas is required. The name must be provided exactly as filed with the Texas Secretary of State (SOS), or on other legal documents forming the entity, that is filed in the county where doing business. You may contact the SOS at 512-463 5555, for more information related to filing in Texas.

### c) Understanding of Notice of Termination

A permittee shall terminate coverage under the Construction General Permit through the submittal of a NOT when the operator of the facility changes, final stabilization has

# *7-Eleven at Gracie Lane*

been reached, the discharge becomes authorized under an individual permit, or the construction activity never began at this site.

## **d) Certification of Stormwater Pollution Prevention Plan**

The SWP3 identifies the areas and activities that could produce contaminated runoff at your site and then tells how you will ensure that this contamination is mitigated. For example, in describing your mitigation measures, your site's plan might identify the devices that collect and filter stormwater, tell how those devices are to be maintained, and tell how frequently that maintenance is to be carried out. You must develop this plan in accordance with the TCEQ general permit requirements. This plan must be developed and implemented before you complete this NOI. The SWP3 must be available for a TCEQ investigator to review on request.

## **Section 6. APPLICANT CERTIFICATION SIGNATURE**

The certification must bear an original signature of a person meeting the signatory requirements specified under 30 Texas Administrative Code (TAC) §305.44.

### **If you are a corporation:**

The regulation that controls who may sign an NOI or similar form is 30 Texas Administrative Code §305.44(a)(1) (see below). According to this code provision, any corporate representative may sign an NOI or similar form so long as the authority to sign such a document has been delegated to that person in accordance with corporate procedures. By signing the NOI or similar form, you are certifying that such authority has been delegated to you. The TCEQ may request documentation evidencing such authority.

### **If you are a municipality or other government entity:**

The regulation that controls who may sign an NOI or similar form is 30 Texas Administrative Code §305.44(a)(3) (see below). According to this code provision, only a ranking elected official or principal executive officer may sign an NOI or similar form. Persons such as the City Mayor or County Commissioner will be considered ranking elected officials. In order to identify the principal executive officer of your government entity, it may be beneficial to consult your city charter, county or city ordinances, or the Texas statute(s) under which your government entity was formed. An NOI or similar document that is signed by a government official who is not a ranking elected official or principal executive officer does not conform to §305.44(a)(3). The signatory requirement may not be delegated to a government representative other than those identified in the regulation. By signing the NOI or similar form, you are certifying that you are either a ranking elected official or principal executive officer as required by the administrative code. Documentation demonstrating your position as a ranking elected official or principal executive officer may be requested by the TCEQ.

If you have any questions or need additional information concerning the signatory requirements discussed above, please contact the TCEQ's Environmental Law Division at 512-239-0600.



# *7-Eleven at Gracie Lane*

## **30 Texas Administrative Code**

### **§305.44. Signatories to Applications**

(a) All applications shall be signed as follows.

(1) For a corporation, the application shall be signed by a responsible corporate officer. For purposes of this paragraph, a responsible corporate officer means a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the

corporation; or the manager of one or more manufacturing, production, or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million (in second-quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures. Corporate procedures governing authority to sign permit or post-closure order applications may provide for assignment or delegation to applicable corporate positions rather than to specific individuals.

(2) For a partnership or sole proprietorship, the application shall be signed by a general partner or the proprietor, respectively.

(3) For a municipality, state, federal, or other public agency, the application shall be signed by either a principal executive officer or a ranking elected official. For purposes of this paragraph, a principal executive officer of a federal agency includes the chief executive officer of the agency, or a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., regional administrator of the EPA).



# *7-Eleven at Gracie Lane*

## **NOTICE OF TERMINATION (NOT) FOR AUTHORIZATIONS UNDER TPDES GENERAL PERMIT (TXR150000)**

# 7-Eleven at Gracie Lane



## Notice of Termination (NOT) for Authorizations under TPDES General Permit TXR150000

### TCEQ Office Use Only

Permit No:

CN:

RN:

Region:

### TCEQ INFORMATION:

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

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

**ePermits:** This form is available on our online permitting system.

Sign up for online permitting at: <https://www3.tceq.texas.gov/steers/>

**What is the permit number to be terminated?**

TXR15  TXRCW

### Section 1. OPERATOR (Permittee)

a) What is the Customer Number (CN) issued to this entity?

**606124527**

b) What is the Legal Name of the current permittee?

212 GUNNER LTD

c) Provide the contact information for the Operator (Responsible Authority). Prefix (Mr.

Ms. or Miss): Mr.

First and Last Name: William Pohl Suffix:  Title: Owner

Credentials:

Phone Number: 512-355-5577 Fax Number:  Email: lmiks@pohlbrown.com

Mailing Address: 10800 Pecan Park Blvd. Suite 125

City, State, and Zip Code: Austin TX, 78750

Country Mailing Information, if outside USA:

### Section 2. APPLICATION CONTACT

This is the person TCEQ will contact if additional information is needed regarding this application.

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

☐ Yes, go to Section 3.

☒ No, complete section below

# 7-Eleven at Gracie Lane

Prefix (Mr. Ms. or Miss): Mr.

First and Last Name: Anthony Goode Suffix: [REDACTED] Title: President

Credentials: P.E.

Phone Number: 512 - 260 -9100 Fax Number: [REDACTED] Email: [anthony@goodefaitheng.com](mailto:anthony@goodefaitheng.com)

Mailing Address: 1620 La Jaita Dr., Ste 300 City, State,

and Zip Code: Cedar Park, TX78613

Country Mailing Information, if outside USA: [REDACTED]

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

- a) TCEQ issued RE Reference Number (RN): RN [REDACTED]
- b) Name of project or site as known by the local community: 7-Eleven at Gracie Lane
- c) County, or counties if more than 1: Williamson County
- d) Latitude: 30.649819 Longitude: -97.867949
- e) Site Address/Location:

If the site has a physical address such as 12100 Park 35 Circle, Austin, TX 78753, complete Section 3A.

If the site does not have a physical address, provide a location description in Section 3B. Example: located on the north side of FM 123, 2 miles west of the intersection of FM 123 and Highway 1.

### Section 3A: Physical Address of Project or Site:

Street Number and Name:

City, State, and Zip Code:

### Section 3B: Site Location Description:

**Location description:** East of HWY 183 and South of TX-29, when Gracie Lane is done, will be on the corner of Gracie Lane and TX-29

**City where the site is located or, if not in a city, what is the nearest city: Zip Code where the site is located:** Liberty Hill, TX 78642

## Section 4. REASON FOR TERMINATION

Check the reason for termination:

- ☒ Final stabilization has been achieved on all portions of the site that are the responsibility of the Operator and all silt fences and other temporary erosion controls have been removed or scheduled for removal as defined in the SWP3.
- ☒ Another permitted Operator has assumed control over all areas of the site that have not been finally stabilized, and temporary erosion controls that have been identified in the SWP3 have been transferred to the new Operator.

# 7-Eleven at Gracie Lane

- ☒ The discharge is now authorized under an alternate TPDES permit.
- ☒ The activity never began at this site that is regulated under the general permit.

## Section 5. CERTIFICATION

Signatory Name:

Signatory Title:

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

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

Signature (use blue ink): \_\_\_\_\_ Date: \_\_\_\_\_

# 7-Eleven at Gracie Lane

## Instructions for Notice of Termination (NOT) for Authorizations under TPDES General Permit TXR150000

### GENERAL INFORMATION

#### Where to Send the Notice of Termination (NOT):

##### BY REGULAR U.S. MAIL:

Texas Commission on Environmental Quality  
Stormwater Processing Center (MC -228)  
P.O. Box 13087  
Austin, Texas 78711 - 3087

##### BY OVERNIGHT/EXPRESS MAIL:

Texas Commission on Environmental Quality  
Stormwater Processing Center (MC -228) 12100 Park  
35 Circle  
Austin, TX 78753

#### TCEQ Contact List:

Application status and form questions:	512 -239 -3700, <a href="mailto:swpermit@tceq.texas.gov">swpermit@tceq.texas.gov</a>
Technical questions:	512 -239 -4671, <a href="mailto:swgp@tceq.texas.gov">swgp@tceq.texas.gov</a>
Environmental Law Division:	512-239-0600
Records Management - obtain copies of forms:	512-239-0900
Reports from databases(as available):	512-239-DATA (3282)
Cashier's office:	512-239-0357 or 512-239-0187

#### Notice of Termination Process:

A Notice of Termination is **effective on the date postmarked for delivery to TCEQ.**

When your NOT is received by the program, the form will be processed as follows:

- 1) Administrative Review: The form will be reviewed to confirm the following:
  - the permit number is provided.
  - the permit is active and has been approved.
  - the entity terminating the permit is the current permittee.
  - the site information matches the original permit record; and
  - the form has the required original signature with title and date.
- 2) Notice of Deficiency: If an item is incomplete or not verifiable as indicated above, a phone call will be made to the applicant to clear the deficiency. A letter will not be sent to the permittee if unable to process the form.
- 3) Confirmation of Termination: A Notice of Termination Confirmation letter will be mailed to the operator.

#### Change in Operator:

An authorization under the general permit is not transferable. If the operator of the regulated entity changes, the present permittee must submit a Notice of Termination and the new operator must submit a Notice of Intent. The NOT and NOI must be submitted not later than 10 days prior to the change in Operator status.

#### INSTRUCTIONS FOR FILLING OUT THE FORM

The majority of permit information related to the current operator and regulated entity are available at the following website: [http://www2.tceq.texas.gov/wq\\_dpa/index.cfm](http://www2.tceq.texas.gov/wq_dpa/index.cfm).

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## Section 1. Operator (Current Permittee):

- a) Customer Number (CN)  
TCEQ's Central Registry assigns each customer a number that begins with CN, followed by nine digits. This is not a permit number, registration number, or license number. The Customer Number, for the current permittee, is available at the following website: [http://www2.tceq.texas.gov/wq\\_dpa/index.cfm](http://www2.tceq.texas.gov/wq_dpa/index.cfm).

- b) Legal Name of Operator  
The operator must be the same entity as previously submitted on the original Notice of Intent for the permit number provided. The current operator name, as provided on the current authorization, is available at the following website: [http://www2.tceq.texas.gov/wq\\_dpa/index.cfm](http://www2.tceq.texas.gov/wq_dpa/index.cfm).

- c) Contact Information for the Operator (Responsible Authority)  
Provide information for person signing the NOT application in the Certification section. This person is also referred to as the Responsible Authority.

Provide a complete mailing address for receiving mail from the TCEQ. Update the address if different than previously submitted for the Notice of Intent or Notice of Change. The mailing address must be recognized by the US Postal Service. You may verify the address on the following website:

<https://tools.usps.com/go/ZipLookupAction!input.action>.

The phone number should provide contact to the operator.

The fax number and e-mail address are optional and should correspond to the operator.

## Section 2. Application Contact:

Provide the name, title and contact information of the person that TCEQ can contact for additional information regarding this application.

## Section 3. Regulated Entity (RE) Information on Project or Site:

- a) Regulated Entity Reference Number (RN)  
A number issued by TCEQ's Central Registry to sites where an activity regulated by TCEQ. This is not a permit number, registration number, or license number. The Regulated Entity Reference Number is available at the following website: [http://www2.tceq.texas.gov/wq\\_dpa/index.cfm](http://www2.tceq.texas.gov/wq_dpa/index.cfm).
- b) Name of the Project or Site  
Provide the name of the site as known by the public in the area where the site is located.
- c) County  
Identify the county or counties in which the regulated entity is located.
- d) Latitude and Longitude  
Enter the latitude and longitude of the site in degrees, minutes, and seconds or decimal form. The latitude and longitude as provided on the current authorization is available at the following website:  
[http://www2.tceq.texas.gov/wq\\_dpa/index.cfm](http://www2.tceq.texas.gov/wq_dpa/index.cfm).
- e) Site/Project (RE) Physical Address/Location Information  
The physical address/location information, as provided on the current authorization, is available at the following website: [http://www2.tceq.texas.gov/wq\\_dpa/index.cfm](http://www2.tceq.texas.gov/wq_dpa/index.cfm).

# 7-Eleven at Gracie Lane

Section 3A. If a site has an address that includes a street number and street name, enter the complete address for the site. If the physical address is not recognized as a USPS delivery address, you may need to validate the address with your local police (911 service) or through an online map site used to locate the site. Please confirm this to be a complete and valid address. Do not use a rural route or post office box for a site location.

Section 3B. If a site does not have an address that includes a street number and street name, provide a complete written location description. For example: "The site is located on the north side of FM 123, 2 miles west of the intersection of FM 123 and Highway 1."

Provide the city (or nearest city) and Zip Code of the facility location.

## Section 4. Reason for Termination:

The Notice of Termination form is only for use to terminate the authorization (permit). The Permittee must indicate the specific reason for terminating by checking one of the options. If the reason is not listed then provide an attachment that explains the reason for termination.

Please read your general permit carefully to determine when to terminate your permit. Permits will not be reactivated after submitting a termination form. The termination is effective on the date postmarked for delivery to TCEQ.

## Section 5. Certification:

The certification must bear an original signature of a person meeting the signatory requirements specified under 30 Texas Administrative Code §305.44.

### *IF YOU ARE A CORPORATION:*

The regulation that controls who may sign an application form is 30 Texas Administrative Code §305.44(a), which is provided below. According to this code provision, any corporate representative may sign an NOI or similar form so long as the authority to sign such a document has been delegated to that person in accordance with corporate procedures. By signing the NOI or similar form, you are certifying that such authority has been delegated to you. The TCEQ may request documentation evidencing such authority.

### *IF YOU ARE A MUNICIPALITY OR OTHER GOVERNMENT ENTITY:*

The regulation that controls who may sign an NOI or similar form is 30 Texas Administrative Code §305.44(a), which is provided below. According to this code provision, only a ranking elected official or principal executive officer may sign an NOI or similar form. Persons such as the City Mayor or County Commissioner will be considered ranking elected officials. In order to identify the principal executive officer of your government entity, it may be beneficial to consult your city charter, county or city ordinances, or the Texas statutes under which your government entity was formed. An NOI or similar document that is signed by a government official who is not a ranking elected official or principal executive officer does not conform to §305.44(a) (3).

The signatory requirement may not be delegated to a government representative other than those identified in the regulation. By signing the NOI or similar form, you are certifying that you are either a ranking elected official or principal executive officer as required by the administrative code. Documentation demonstrating your position as a ranking elected official or principal executive officer may be requested by the TCEQ.

If you have any questions or need additional information concerning the signatory requirements discussed above, please contact the Texas Commission on Environmental Quality's Environmental Law Division at 512 -239 - 0600.

# *7-Eleven at Gracie Lane*

## *30 Texas Administrative Code §305.44. Signatories to Applications*

(a) All applications shall be signed as follows.

(1) For a corporation, the application shall be signed by a responsible corporate officer. For purposes of this paragraph, a responsible corporate officer means a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or the manager of one or more manufacturing, production, or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million (in second-quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures. Corporate procedures governing authority to sign permit or post-closure order applications may provide for assignment or delegation to applicable corporate positions rather than to specific individuals.

(2) For a partnership or sole proprietorship, the application shall be signed by a general partner or the proprietor, respectively.

(3) For a municipality, state, federal, or other public agency, the application shall be signed by either a principal executive officer or a ranking elected official. For purposes of this paragraph, a principal executive officer of a federal agency includes the chief executive officer of the agency, or a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., regional administrator of the EPA).



## *7-Eleven at Gracie Lane*

**TEXAS COMMISSION ON ENVIRONMENTAL QUALITY TDPE GENERAL  
PERMIT (TXR150000)**

# Texas Commission on Environmental Quality

P.O. Box 13087, Austin, Texas 78711-3087



## GENERAL PERMIT TO DISCHARGE UNDER THE TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM

under provisions of  
Section 402 of the Clean Water Act  
and Chapter 26 of the Texas Water Code

This permit supersedes and replaces  
TPDES General Permit No. TXR150000,  
effective March 5, 2018, and amended January 28, 2022

Construction sites that discharge stormwater associated with construction activity located in the state of Texas may discharge to surface water in the state only according to monitoring requirements and other conditions set forth in this general permit, as well as the rules of the Texas Commission on Environmental Quality (TCEQ or Commission), the laws of the State of Texas, and other orders of the Commission of the TCEQ. The issuance of this general permit does not grant to the permittee the right to use private or public property for conveyance of stormwater and certain non-stormwater discharges along the discharge route. This includes property belonging to but not limited to any individual, partnership, corporation or other entity. Neither does this general permit authorize any invasion of personal rights nor any violation of federal, state, or local laws or regulations. It is the responsibility of the permittee to acquire property rights as may be necessary to use the discharge route.

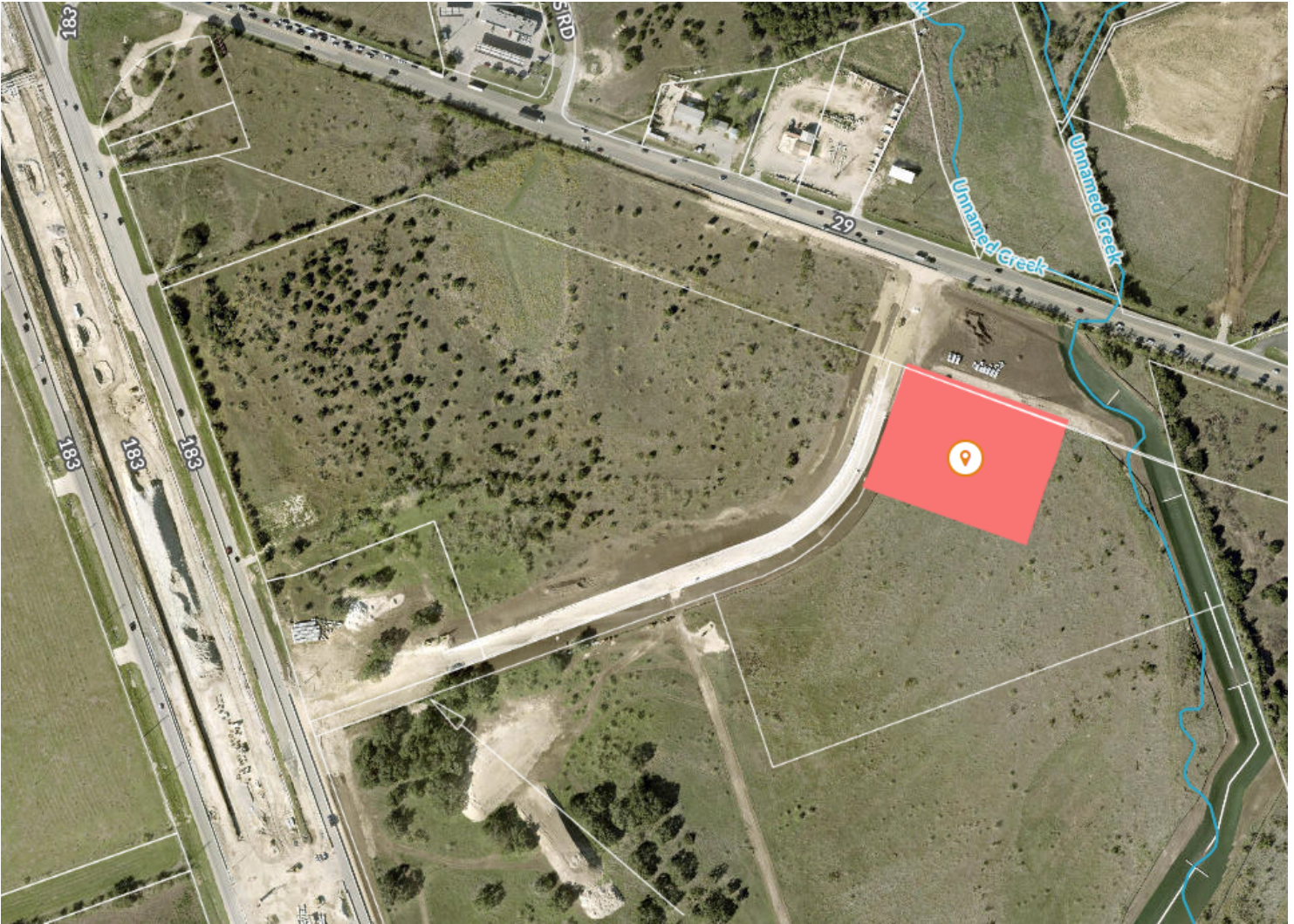
This general permit and the authorization contained herein shall expire at midnight, on March 5, 2028.

EFFECTIVE DATE: March 5, 2023

ISSUED DATE: February 27, 2023

  
\_\_\_\_\_  
For the Commission

## *7-Eleven at Gracie Lane*



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

I William Pohl,  
Print Name  
Owner,  
Title - Owner/President/Other  
of 212 Gunner LTD,  
Corporation/Partnership/Entity Name  
have authorized Anthony H. Goode,  
Print Name of Agent/Engineer  
of Goode Faith Engineering, LLC,  
Print Name of Firm


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

I also understand that:

1. The applicant is responsible for compliance with 30 Texas Administrative Code Chapter 213 and any condition of the TCEQ's approval letter. The TCEQ is authorized to assess administrative penalties of up to \$10,000 per day per violation.
2. For those submitting an application who are not the property owner, but who have the right to control and possess the property, additional authorization is required from the owner.
3. Application fees are due and payable at the time the application is submitted. The application fee must be sent to the TCEQ cashier or to the appropriate regional office. The application will not be considered until the correct fee is received by the commission.
4. A notarized copy of the Agent Authorization Form must be provided for the person preparing the application, and this form must accompany the completed application.
5. No person shall commence any regulated activity on the Edwards Aquifer Recharge Zone, Contributing Zone or Transition Zone until the appropriate application for the activity has been filed with and approved by the Executive Director.



SIGNATURE PAGE:



Applicant's Signature

7-26-24

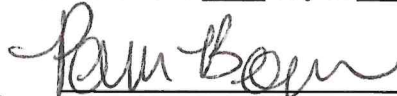
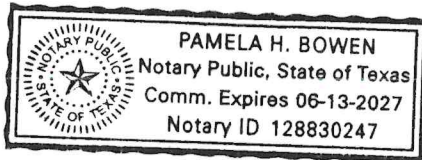
Date

THE STATE OF Texas §

County of Travis §

BEFORE ME, the undersigned authority, on this day personally appeared William Bowen 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 26<sup>th</sup> day of July, 2024.



NOTARY PUBLIC

Pamela Bowen

Typed or Printed Name of Notary

MY COMMISSION EXPIRES: 06-13-2027

# Application Fee Form

## Texas Commission on Environmental Quality

Name of Proposed Regulated Entity: 7-Eleven at Gracie Lane

Regulated Entity Location: The southwest corner of intersection of Highway 29 and Gracie Lane.

Name of Customer: 212 GUNNER LTD

Contact Person: William Pohl

Phone: 512.355.5577

Customer Reference Number (if issued): CN 606124527

Regulated Entity Reference Number (if issued): RN \_\_\_\_\_

### Austin Regional Office (3373)

☐ Hays

☐ Travis

☒ Williamson

### San Antonio Regional Office (3362)

☐ Bexar

☐ Medina

☐ Uvalde

☐ Comal

☐ Kinney

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

☐ Austin Regional Office

☐ San Antonio Regional Office

☒ Mailed to: TCEQ - Cashier

☐ Overnight Delivery to: TCEQ - Cashier

Revenues Section

Mail Code 214

P.O. Box 13088

Austin, TX 78711-3088

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	0 Acres	\$ 0
Water Pollution Abatement Plan, Contributing Zone Plan: Multiple Single Family Residential and Parks	0 Acres	\$ 0
Water Pollution Abatement Plan, Contributing Zone Plan: Non-residential	3.18 Acres	\$ 4000
Sewage Collection System	0 L.F.	\$ 0
Lift Stations without sewer lines	0 Acres	\$ 0
Underground or Aboveground Storage Tank Facility	0 Tanks	\$ 0
Piping System(s)(only)	0 Each	\$ 0
Exception	0 Each	\$ 0
Extension of Time	0 Each	\$ 0

Signature: \_\_\_\_\_

Date: 8/26/2024

# 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***

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

### ***Organized Sewage Collection Systems and Modifications***

<b><i>Project</i></b>	<b><i>Cost per Linear Foot</i></b>	<b><i>Minimum Fee- Maximum Fee</i></b>
Sewage Collection Systems	\$0.50	\$650 - \$6,500

### ***Underground and Aboveground Storage Tank System Facility Plans and Modifications***

<b><i>Project</i></b>	<b><i>Cost per Tank or Piping System</i></b>	<b><i>Minimum Fee- Maximum Fee</i></b>
Underground and Aboveground Storage Tank Facility	\$650	\$650 - \$6,500

### ***Exception Requests***

<b><i>Project</i></b>	<b><i>Fee</i></b>
Exception Request	\$500

### ***Extension of Time Requests***

<b><i>Project</i></b>	<b><i>Fee</i></b>
Extension of Time Request	\$150



# 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

<b>1. Reason for Submission</b> (If other is checked please describe in space provided.)		
<input checked="" type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)		<input type="checkbox"/> Other
<b>2. Customer Reference Number</b> (if issued)	<a href="#">Follow this link to search for CN or RN numbers in Central Registry**</a>	<b>3. Regulated Entity Reference Number</b> (if issued)
CN 606124527		RN

## SECTION II: Customer Information

<b>4. General Customer Information</b>		<b>5. Effective Date for Customer Information Updates</b> (mm/dd/yyyy)		7/26/2024	
<input checked="" type="checkbox"/> New Customer <input type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership <input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)					
<i>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).</i>					
<b>6. Customer Legal Name</b> (If an individual, print last name first: eg: Doe, John)				<i>If new Customer, enter previous Customer below:</i>	
212 GUNNER LTD					
<b>7. TX SOS/CPA Filing Number</b>		<b>8. TX State Tax ID</b> (11 digits)		<b>9. Federal Tax ID</b> (9 digits)	<b>10. DUNS Number</b> (if applicable)
0803262122		32070042463		83-4000371	
<b>11. Type of Customer:</b>		<input type="checkbox"/> Corporation		<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input checked="" type="checkbox"/> Limited
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship		<input type="checkbox"/> Other:	
<b>12. Number of Employees</b>				<b>13. Independently Owned and Operated?</b>	
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<b>14. Customer Role</b> (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following					
<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator <input type="checkbox"/> Other: <input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant					
<b>15. Mailing Address:</b>		10800 Pecan Park Blvd. Suite 125			
City		Austin		State	TX
ZIP		78750		ZIP + 4	
<b>16. Country Mailing Information</b> (if outside USA)				<b>17. E-Mail Address</b> (if applicable)	
				lmiks@pohlbrown.com	
<b>18. Telephone Number</b>		<b>19. Extension or Code</b>		<b>20. Fax Number</b> (if applicable)	



## 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.)

7-Eleven at Gracie Lane

### 23. Street Address of the Regulated Entity:

(No PO Boxes)

City

State

ZIP

ZIP + 4

### 24. County

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

### 25. Description to Physical Location:

The site is on the southwest corner of the intersection of Highway 29 and Gracie Lane. It is southeast of Highway 183.

### 26. Nearest City

State

Nearest ZIP Code

Liberty Hill

TX

78642

*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:

30.649758

### 28. Longitude (W) In Decimal:

-97.868068

Degrees

Minutes

Seconds

Degrees

Minutes

Seconds

### 29. Primary SIC Code

(4 digits)

### 30. Secondary SIC Code

(4 digits)

### 31. Primary NAICS Code

(5 or 6 digits)

### 32. Secondary NAICS Code

(5 or 6 digits)

1542

N/A

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

Gas Station/Convenience Store/Car Wash

### 34. Mailing

Address:

City

State

ZIP

ZIP + 4

### 35. E-Mail Address:

### 36. Telephone Number

### 37. Extension or Code

### 38. Fax Number (if applicable)

( ) -

( ) -

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


<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input checked="" type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input checked="" type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS
<input type="checkbox"/> Sludge	<input type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
<input type="checkbox"/> Voluntary Cleanup	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:

## **SECTION IV: Preparer Information**

<b>40. Name:</b>	Anthony Goode			<b>41. Title:</b>	P.E.
<b>42. Telephone Number</b>	<b>43. Ext./Code</b>	<b>44. Fax Number</b>	<b>45. E-Mail Address</b>		
( 972 ) 822-1682		(   ) -	Anthony@GoodeFaithEng.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.

<b>Company:</b>	Goode Faith Engineering, LLC		<b>Job Title:</b>	President	
<b>Name (In Print):</b>	Anthony Goode			<b>Phone:</b>	( 972 ) 822- 1682
<b>Signature:</b>				<b>Date:</b>	7/26/2024