

Texas Commission on Environmental Quality

Edwards Aquifer Application Cover Page

Our Review of Your Application

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

Administrative Review

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

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

2. This Edwards Aquifer Application Cover Page form (certified by the applicant or agent) must be included in the application and brought to the administrative review meeting.
3. Administrative reviews are scheduled with program staff who will conduct the review. Applicants or their authorized agent should call the appropriate regional office, according to the county in which the project is located, to schedule a review. The average meeting time is one hour.
4. In the meeting, the application is examined for administrative completeness. Deficiencies will be noted by staff and emailed or faxed to the applicant and authorized agent at the end of the meeting, or shortly after. Administrative deficiencies will cause the application to be deemed incomplete and returned.

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

5. If an application is received by mail, courier service, or otherwise submitted without a review meeting, the administrative review will be conducted within 30 days. The applicant and agent will be contacted with the results of the administrative review. If the application is found to be administratively incomplete, it can be retrieved from the regional office or returned by regular mail. If returned by mail, the regional office may require arrangements for return shipping.
6. If the geologic assessment was completed before October 1, 2004 and the site contains “possibly sensitive” features, the assessment must be updated in accordance with the *Instructions to Geologists* (TCEQ-0585 Instructions).

Technical Review

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

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

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

Mid-Review Modifications

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

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

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

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

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

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

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

1. Regulated Entity Name: Retail Pro, LLC					2. Regulated Entity No.:				
3. Customer Name: Shakil Maredia					4. Customer No.:				
5. Project Type: (Please circle/check one)	<input checked="" type="checkbox"/> New		Modification			Extension		Exception	
6. Plan Type: (Please circle/check one)	WPAP	<input checked="" type="checkbox"/> CZP	SCS	UST	AST	EXP	EXT	Technical Clarification	Optional Enhanced Measures
7. Land Use: (Please circle/check one)	Residential		<input checked="" type="checkbox"/> Non-residential			8. Site (acres):		2.044	
9. Application Fee:	\$4,000		10. Permanent BMP(s):				Sedimentary/Filtration Pond		
11. SCS (Linear Ft.):	N/A		12. AST/UST (No. Tanks):				N/A		
13. County:	Williamson		14. Watershed:				Upper Brushy Creek		

Application Distribution

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

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

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

Austin Region			
County:	Hays	Travis	Williamson
Original (1 req.)	—	—	—
Region (1 req.)	—	—	—
County(ies)	—	—	—
Groundwater Conservation District(s)	<input type="checkbox"/> Edwards Aquifer Authority <input type="checkbox"/> Barton Springs/ Edwards Aquifer <input type="checkbox"/> Hays Trinity <input type="checkbox"/> Plum Creek	<input type="checkbox"/> Barton Springs/ Edwards Aquifer	NA
City(ies) Jurisdiction	<input type="checkbox"/> Austin <input type="checkbox"/> Buda <input type="checkbox"/> Dripping Springs <input type="checkbox"/> Kyle <input type="checkbox"/> Mountain City <input type="checkbox"/> San Marcos <input type="checkbox"/> Wimberley <input type="checkbox"/> Woodcreek	<input type="checkbox"/> Austin <input type="checkbox"/> Bee Cave <input type="checkbox"/> Pflugerville <input type="checkbox"/> Rollingwood <input type="checkbox"/> Round Rock <input type="checkbox"/> Sunset Valley <input type="checkbox"/> West Lake Hills	<input type="checkbox"/> Austin <input type="checkbox"/> Cedar Park <input type="checkbox"/> Florence <input type="checkbox"/> Georgetown <input type="checkbox"/> Jerrell <input checked="" type="checkbox"/> Leander <input type="checkbox"/> Liberty Hill <input type="checkbox"/> Pflugerville <input type="checkbox"/> Round Rock

San Antonio Region					
County:	Bexar	Comal	Kinney	Medina	Uvalde
Original (1 req.)	—	—	—	—	—
Region (1 req.)	—	—	—	—	—
County(ies)	—	—	—	—	—
Groundwater Conservation District(s)	<input type="checkbox"/> Edwards Aquifer Authority <input type="checkbox"/> Trinity-Glen Rose	<input type="checkbox"/> Edwards Aquifer Authority	<input type="checkbox"/> Kinney	<input type="checkbox"/> EAA <input type="checkbox"/> Medina	<input type="checkbox"/> EAA <input type="checkbox"/> Uvalde
City(ies) Jurisdiction	<input type="checkbox"/> Castle Hills <input type="checkbox"/> Fair Oaks Ranch <input type="checkbox"/> Helotes <input type="checkbox"/> Hill Country Village <input type="checkbox"/> Hollywood Park <input type="checkbox"/> San Antonio (SAWS) <input type="checkbox"/> Shavano Park	<input type="checkbox"/> Bulverde <input type="checkbox"/> Fair Oaks Ranch <input type="checkbox"/> Garden Ridge <input type="checkbox"/> New Braunfels <input type="checkbox"/> Schertz	NA	<input type="checkbox"/> 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.

Michael Chapa, P.E.

Print Name of Customer/Authorized Agent

Michael Chapa

3 / 5 / 25

Signature of Customer/Authorized Agent

Date

****FOR TCEQ INTERNAL USE ONLY****

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

Contributing Zone Plan Application

Texas Commission on Environmental Quality

for Regulated Activities on the Contributing Zone to the Edwards Aquifer and Relating to 30 TAC §213.24(1), Effective June 1, 1999

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

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

Signature

To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This **Contributing Zone Plan Application** is hereby submitted for TCEQ review and Executive Director approval. The application was prepared by:

Print Name of Customer/Agent: Michael Chapa, P.E.

Date: 3/1/25

Signature of Customer/Agent:



Regulated Entity Name: 1067 Bagdad Road C-Store

Project Information

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

Contact Person: Shakil Maredia

Entity: Retail Pro, LLC

Mailing Address: 11522 Kempwood Drive, Ste B

City, State: Austin, Texas

Telephone: 512-955-0825

Email Address: shakmaredia@gmail.com

Zip: 78750

Fax: _____

5. Agent/Representative (If any):

Contact Person: Michael Chapa, P.E.

Entity: CRD Group, LLC

Mailing Address: 11508 DK Ranch Road

City, State: Austin, Texas

Zip: 78759

Telephone: 512-775-5166

Fax: _____

Email Address: CRDGRP@gmail.com

6. Project Location:

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

1067 Bagdad, Leander, Texas

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): 2.044 Acres

Total disturbed area: 2.044 Acres

14. Estimated projected population: 5

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

Table 1 - Impervious Cover

<i>Impervious Cover of Proposed Project</i>	<i>Sq. Ft.</i>	<i>Sq. Ft./Acre</i>	<i>Acres</i>
Structures/Rooftops	10058	÷ 43,560 =	0.23
Parking	41342	÷ 43,560 =	0.98
Other paved surfaces		÷ 43,560 =	
Total Impervious Cover	51400	÷ 43,560 =	1.18

Total Impervious Cover $1.18 \div$ Total Acreage $2.044 \times 100 = 57.7\%$ 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

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" = 30'.
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.

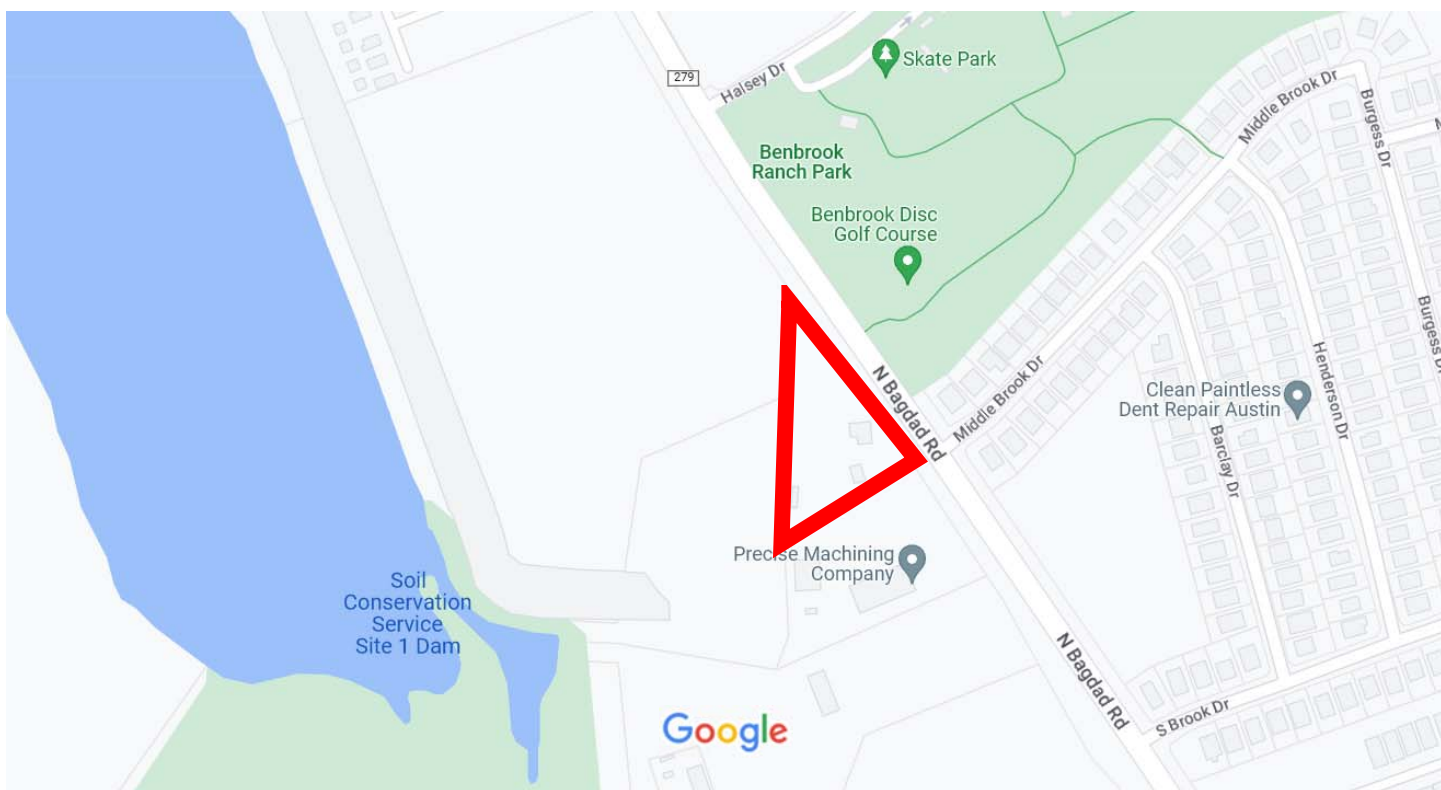
59. ☒ The applicant is responsible for maintaining the permanent BMPs after construction until such time as the maintenance obligation is either assumed in writing by another entity having ownership or control of the property (such as without limitation, an owner's association, a new property owner or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

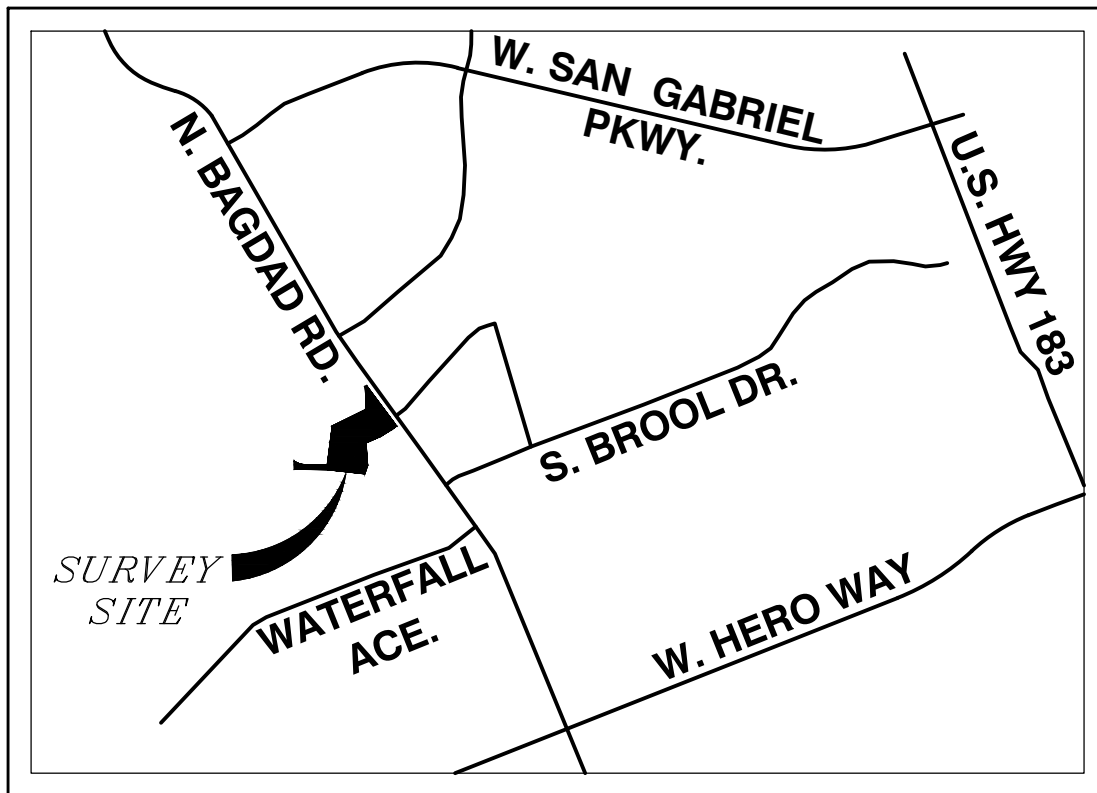
Administrative Information

- 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.

Google Maps



Map data ©2023 Google 200 ft



LOCATION MAP

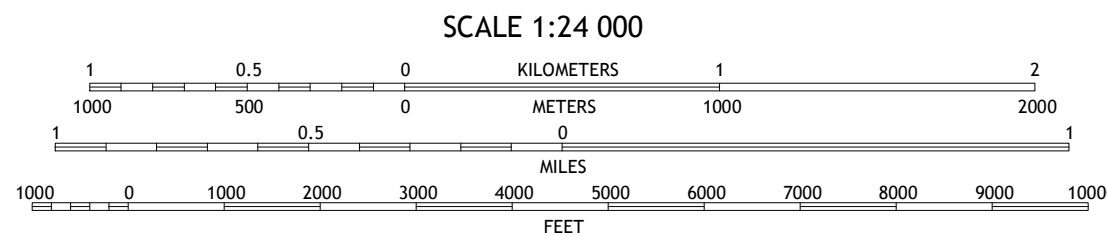
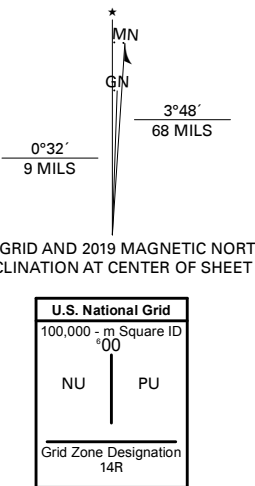
NOT TO SCALE



Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84), Projection and
1 000-meter grid/Universal Transverse Mercator, Zone 14R
This map is not a legal document. Boundaries may be
generalized for this map scale. Private lands within government
reservations may not be shown. Obtain permission before
entering private lands.

Imagery.....NAIP, September 2016 - November 2016
Roads.....U.S. Census Bureau, 2015
Names.....GNIS, 1979 - 2018
Hydrography.....National Hydrography Dataset, 2002 - 2018
Contours.....National Elevation Dataset, 2002 - 2004
Boundaries.....Multiple sources; see metadata file 2016 - 2017
Wetlands.....FWS National Wetlands Inventory 1982



CONTOUR INTERVAL 20 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
This map was produced to conform with the
National Geospatial Program US Topo Product Standard, 2011.
A metadata file associated with this product is draft version 0.6.18



QUADRANGLE LOCATION

1	2	3
4	5	6
7	8	9

1 Bertram
2 Liberty Hill
3 Leander NE
4 Travis Peak
5 Leander
6 Pace Bend
7 Mansfield Dam
8 Jollyville

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



Attachment A – Road Map

Attached at the end of this report

Attachment B – USGS Quadrangle Map

Attached at the end of this report

Attachment C – Project Narrative

1067 Bagdad C-Store is located at the northwest corner of Bagdad Road and Middle Brook Drive. The entire tract is approximately 2.044 acres. The disturbed area consists is approximately 1.18 acres consisting of a driveway, parking lots, office buildings, grading, water, and wastewater utilities. 1.18 acres of impervious cover will be treated by a Sedimentary/Filtration Pond will be utilized for BMP.

Total Drainage Basin	Existing Impervious Cover (%)	Proposed Impervious Cover (%)	Required TSS Removal	Provided TSS Removal	Required WQV	Provided WQV
2.044	0.2	57.7	1065	1176	13,059	15191

Attachment D – Factors Affecting Surface Water Quality

During construction, the principle potential pollutant in stormwater will most likely be sediment caused by the disturbance of construction. After construction is complete, the stormwater runoff should generally be consistent with that of a C-Store with 57.7% proposed impervious cover.

Attachment E – Volume and Character of Stormwater

During construction, the principle potential pollutant in stormwater will most likely be sediment caused by the disturbance of construction. Stormwater runoff will be generally consistent with that from an Office Park after construction is complete. Temporary BMP's will control sediment and other pollutants during construction

Attachment F – Suitability Letter from Authorized Agent

Not Applicable – wastewater collection is being utilized

Attachment G – Alternative Secondary Containment Methods

Not Applicable – Permanent aboveground storage tanks are not a part of this project

Attachment H – AST Containment Structure Drawings

Not Applicable - Permanent aboveground storage tanks are not a part of this project

Attachment I – 20% or Less Impervious Cover Waiver

Not Applicable

Attachment J – BMP's for Upgradient Stormwater

Upgradient stormwater flows from Bagdad Road and Middle Brook Drive are being conveyed around the disturbed area via Brushy Creek Channel along the north and west sides of the property. Temporary silt fence will be placed as appropriate to prevent upgradient flows from channelizing across disturbed construction area.

Attachment K – BMP's for On-site Stormwater

Temporary silt fence downgradient of the disturbed construction area to prevent stormwater from carrying silt off-site. Temporary construction entrance as well as a spoils site with appropriate controls will be located on site to help control silt and other pollutants. Sedimentary/Filtration pond is being utilized for permanent BMP's

Attachment L – BMP's for Surface Streams

Not Applicable

Attachment M – Construction Plans

Construction plans have been attached and Temporary and Permanent erosion controls are reflected on the Erosion Control plans.

Attachment N – Inspection, Maintenance, Repair and Retrofit Plan

The TCEQ guideline was used to design the Sedimentation/Filtration pond for these site improvements. A plan for inspection, maintenance, repair and if necessary retrofit of the permanent BMP's is included with this report.

Attachment O – Pilot-Scale Field Testing Plan

Not Applicable

Attachment P – Measures for Minimizing Surface Stream Contamination

Temporary silt fence will be placed downgradient of the disturbed construction area to prevent stormwater from carrying silt off-site. Temporary construction entrance as well as a spoils site with appropriate controls will be located on site to help control silt and other pollutants.

Maintenance Plan For Permanent Best Management Practices 1067 Bagdad C-Store

PROJECT NAME 1067 Bagdad C-Store

ADDRESS: The project is located at the Northwest Corner of the Bagdad Road and Middle Brook Drive Intersection

CITY, STATE ZIP Leander, Texas 78641

The Best Management Practices associated with Water Quality for this project includes the use of a Sedimentation/Filtration Pond

MAINTENANCE FOR VEGETATED BMPS

Routine Maintenance for All Vegetated BMPs

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

All vegetated BMPs shall be inspected twice annually for erosion or damage to vegetation. Additional inspections after periods of heavy runoff is most desirable.

Bare spots and areas of erosion identified during semi-annual inspections must be replanted and restored. Construction of a level spreader device may be necessary to re-establish shallow overland flow.

Sediment built up in vegetated BMPs, especially along the upstream boundary and in the level spreader, must be removed during semi-annual inspections.

If level spreaders are needed, they shall be inspected at least semi-annually and repairs made as necessary.

Irrigation system shall be inspected at least semi-annually during operation. Maintenance and spray adjustments shall occur to maintain proper operation.

MAINTENANCE FOR STRUCTURAL (STORMWATER CAPTURE) SYSTEMS

Routine Maintenance for All Structural Systems

Water quality ponds of all types have similar routine maintenance requirements, although most ponds have some unique maintenance needs, as detailed in this section. The following general maintenance requirements apply to all pond BMPs.

BMP facilities must be inspected at least twice a year (once during or immediately following wet weather) to evaluate facility operation.

During each inspection, erosion areas inside and downstream of the BMP must be identified and repaired or revegetated immediately.

Grass areas in and around earthen ponds must be mowed at least twice annually to limit vegetation height to 18 inches. More frequent mowing to maintain aesthetic appeal may be necessary in landscaped areas. When mowing of grass is performed, a mulching mower must be used, or grass clippings must be caught and removed, as with all water quality BMPs.

Debris and litter accumulated in the facility must be removed during each inspection.

Excessive sediment must be removed and properly disposed of in an approved off-site disposal area. Excessive sediment is when accumulations reach 6 inches in depth.

Design drawdown times must not be exceeded by more than 24 hours. The design drawdown time is 48 hours from the first accumulation of stormwater or when the pond reaches full capacity. If drawdown times are excessive, repairs should occur immediately.

With each inspection, any damage to the structural elements of the system (pipes, concrete drainage structures, gabions, retaining walls, etc.) must be identified and repaired immediately.

A maintenance access route shall extend to the pond from the parking lot. The maintenance access shall have a slope of no greater than 4:1.

Inlet and outlet structures should be inspected and cleaned out of any debris or sediment. If there is major damage to either the inlet or outlet controls, the damaged areas should be repaired.

RECORD KEEPING OF INSPECTIONS, MAINTENANCE AND REPAIRS SHALL BE MAINTAINED BY THE RESPONSIBLE PARTY.

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

Responsible Party for Maintenance: Shakil Maredia

Address: 2225 Wild Horse St.

City, State Zip: Leander, TX 78641

Telephone Number: 512-955-0825



Signature of Responsible Party

3/15/25

Date

STORMWATER POLLUTION PREVENTION PLAN
for
BAGDAD RETAIL OUTLET
City of Leander, Texas



March 2025

Prepared by:

CRD Group, LLC
11508 DK Ranch Road
Austin, Texas 78759
Phone: 512-775-5166

Texas Commission on Environmental Quality

TSS Removal Calculations 04-20-2009

Project Name: **1067 Bagdad C-Store**

Date Prepared: **3/1/2025**

1. The Required Load Reduction for the total project:

Calculations from RG-348

Pages 3-27 to 3-30

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

where:

L_M TOTAL PROJECT = Required TSS removal resulting from the proposed development = 80% of increased load

A_N = Net increase in impervious area for the project

P = Average annual precipitation, inches

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

County = **Williamson**
 Total project area included in plan * = **2.04** acres
 Predevelopment impervious area within the limits of the plan * = **0.20** acres
 Total post-development impervious area within the limits of the plan * = **1.18** acres
 Total post-development impervious cover fraction * = **0.58**
 P = **32** inches

L_M TOTAL PROJECT = **853** 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 = **1.79** acres
 Predevelopment impervious area within drainage basin/outfall area = **0.41** acres
 Post-development impervious area within drainage basin/outfall area = **1.18** acres
 Post-development impervious fraction within drainage basin/outfall area = **0.66**
 L_M THIS BASIN = **670** lbs.

*Note: The remaining drainage area (1.49 acres) contains 0 acres impervious cover and bypasses the water quality control

5. Indicate the proposed BMP Code for this basin.

Proposed BMP = **Sand Filter**

Removal efficiency = **89** 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 = **1.79** acres
 A_i = **1.07** acres
 A_p = **0.72** acres
 L_R = **1065** lbs

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

Desired L_M THIS BASIN = **1176** lbs.

F = **1.10**

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 = **4.00** inches
 Post Development Runoff Coefficient = **0.42**
 On-site Water Quality Volume = **10883** 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 = **2177**

Total Capture Volume (required water quality volume(s) x 1.20) = **13059** cubic feet

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

The values for BMP Types not selected in cell C45 will show NA.

9. Filter area for Sand Filters

Designed as Required in RG-348

Pages 3-58 to 3-63

9B. Partial Sedimentation and Filtration System

Water Quality Volume for combined basins = **13059** cubic feet
Provided Water Quality Volume = **15191** cubic feet
 Minimum filter basin area = **1088** square feet

Maximum sedimentation basin area = **4353** square feet For minimum water depth of 2 feet
 Minimum sedimentation basin area = **272** square feet For maximum water depth of 8 feet

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APPENDIX C	Notice of Intent & Notice of Termination
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APPENDIX E	Construction Activity Record
APPENDIX F	Erosion Control Plans

TPDES – GENERAL INFORMATION

The Texas Pollutant Discharge Elimination System (TPDES) program implements the federal National Pollutant Discharge Elimination System (NPDES) program in the state of Texas. The Environmental Protection Agency (EPA) Region 6 (located in Dallas) administered the Phase I storm water general permit for construction activities disturbing 5 or more acres within the state of Texas until the TPDES permit was issued on March 5, 2003 TXR150000. Now, the Texas commission on Environmental Quality (TCEQ) became the permitting authority for these discharges. This general permit also covers storm water discharges from Phase II construction activities that disturb at least 1 acre and less than 5 acres. Operators of a construction site can obtain coverage under the General Permit by filing a Notice of Intent (NOI) with the TCEQ. Please note that TPDES General Permit TXR150000 defines the “Operator” of a construction site as the party which has day-to-day operational control of the site (this is usually the general contractor), as well as the party which has control of construction specifications (this is usually the project owner). Therefore, both the Owner and the Contractor shall submit NOI’s at least two days prior to commencing construction activities to:

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

Notice that an application fee of \$100 must be submitted with each NOI for coverage of a large construction activity. At the time the NOI’s are filed, a Storm Water Pollution Prevention Plan (SWPPP) must have been prepared. Compliance with the SWPPP should begin at the time the NOI is filed.

The Notice of Termination (NOT) is the final task required to comply with the requirements of TPDES General Permit for a construction activity. The NOT communicates to the permit enforcement agency that the construction activity has ceased and the area is stabilized. A site can be considered finally stabilized when all soil disturbing activities at the site have been completed and a uniform perennial vegetative cover with a density of 70 percent for the unpaved areas and areas not covered by permanent stabilization measures have been employed. See Appendix C for Notice of Intent and Notice of Termination forms.

PLAN LOCATION AND PUBLIC ACCESS

TPDES General Permit No. TXR150000 do not require that the Storm Water Pollution Prevention Plan (SWPPP) be submitted for review. Upon implementation of local regulations requiring review of the SWPPP, applicants may need to submit their plan to local erosion and sedimentation or storm water management agencies, or to a municipal operator where the site discharge through an NPDES storm water permitted municipal separate storm sewer system.

The permitted is required to keep the SWPPP at the construction site from the date of project initiation to the date of final stabilization. The permitted is also required to retain copies of the SWPPP and all reports required by the permit for at least three years from the date the site is finally stabilized.

Despite the fact that the SWPPP and associated reports are not necessarily required to be submitted with the Notice of Intent, these documents are considered to be reports according to Section 308(b) of the Clean Water Act, and therefore are available to the public. The permitted, however, may claim certain parts of the SWPPP as confidential according to regulations in 40 CFR Part 2. These regulations state that records which contain trade secrets may be claimed as confidential.

PROJECT DIRECTORY

Project Name/Location

Name: Bagdad Retail Outlet

Location: City of Leander, Texas (Williamson County)

Owner Name and Address:

Civil Engineers

Attn: Mr. Michael Chapa, P.E.

CRD Group, LLC

11508 DK Ranch Road

Austin, Texas 78759

512-775-5166

Contractor Names and Addresses:

GENERAL CONTRACTOR:

1.0 Site Description

1.1 Project Description:

This project consists of improvements associated with the Highland Falls Office Park, located in City of Leander, Williamson County, Texas. The overall project site totals 2.355 acres and will be constructed as a commercial project. Rainfall runoff from the project site will be treated with Sedimentation/Filtration pond, discharge onto the adjacent property and be conveyed via existing drainage ways to the Brazos River.

1.2 Description of the Construction Activities:

a. General

Construction activities will include excavating, utility installation, backfill, road installation and other miscellaneous items of work.

b. Sequence of Major Activities:

The following is a list of the probable sequence of construction activities:

1. Hold a pre-construction conference.
2. Install temporary erosion/sedimentation control measures as shown in the plans.
3. Install proposed utility improvements
4. Install pavement.
5. Remove temporary erosion controls.
6. Landscape and restore disturbed area.
7. Complete permanent erosion control and restoration on site vegetation as per the plans.

Completion of the project is expected to take approximately **180 Days** following the Notice to Proceed.

1.3 Estimated Total Site Area:

The total area which may be disturbed during the construction of the entire project is approximately 2.355 acres. This project is proposed in phases, but permanent BMP's, paving, and utilities will be constructed in the first phase

1.4 Runoff Coefficient:

The current rainfall SCS curve number for existing is 84. The SCS number for the proposed conditions is 84% with 70% impervious cover

1.5 Site Map:

Vicinity and location maps are included in the Construction Drawings. The type and location of each proposed erosion control device required for the project is shown on the Erosion Control Plan, a copy of which is included in this report as Appendix F.

1.6 Name of Receiving Water, and Extent of Wetlands:

The construction site drains into existing drainage channels that ultimately feed into Brushy Creek tributary of the Brazos River. No wetland areas are located within the construction site or limits of construction.

2.0 Control Measures

2.1 Erosion and Sediment Controls

Major erosion and sediment controls are shown on the erosion control plan sheets in the construction plan set.

a. Stabilization Practices

1. A stabilized construction entrance/exit will be installed and maintained throughout the duration of the project.
2. All disturbed land shall be stabilized by seeding and fertilizing upon completion of grading and topsoil installation. All construction areas having slopes greater than 5:1 (horizontal:vertical) or features creating a high erosion potential, shall be stabilized with erosion control fabric or mulch in addition to the seeding and fertilizer. Seeding, fertilizing, and erosion control fabric installation shall take place within 14 days after construction has temporarily or permanently ceased, except under the following conditions:
 - a) if it rains within 14 days of construction cessation (cover stabilization measures shall be initiated as soon as practicable), or
 - b) if construction cessation will not be more than 21 days.

b. Structural Practices

1. Silt fencing and rock berms will be placed at the downhill ends of the proposed improvements to prevent sediment discharge onto adjacent properties. Temporary structural controls will be removed after permanent stabilization is established.

2.2 Sequence of Major Erosion and Sediment Control Activities

In an area dedicated to receive erosion control matting or mulch, the area shall be seeded and fertilized immediately after the establishment of topsoil. This prompt action reduces the time that the soil is exposed to erosion contributing factors.

2.3 Storm Water Management

Storm water from the construction of the proposed stormwater facilities will be discharged in a manner similar to current drainage patterns. Disturbed land will be regraded to slopes similar to those present prior to construction. Stormwater runoff will be conveyed downstream to the Brazos River. There will be no physical system to divert flow into a new drainage pattern downstream of the project site.

2.4 Other Controls

a. Waste Disposal

1. Waste Materials

All waste materials shall be collected and stored in securely lidded metal dumpsters (provided by the Contractor) which meet all local and state solid waste management regulations. The trash and debris collected in the dumpsters shall be hauled to an approved landfill. No construction waste material shall be buried on-site. All personnel shall be instructed regarding the correct procedure for waste disposal. The Contractor's Superintendent shall be responsible for seeing that these procedures are followed by the Contractor's employees.

2. Hazardous Waste

No hazardous waste is expected to be generated or encountered in this project. In the event that hazardous waste is encountered, all hazardous waste materials shall be disposed of in the manner specified by local and state regulations and/or as suggested by the manufacturer. The Owner's Representative will be responsible for seeing that these practices are followed by the Contractor.

3. Sanitary Waste

An appropriate number of portable toilets shall be provided at the construction site by the Contractor. All sanitary waste shall be collected from the portable units by a licensed sanitary waste management contractor. The Owner's Representative shall check to see that the portable units are cleaned regularly and notify the Contractor when such is not the case. If deemed necessary, the Construction Contractor shall have the sanitary waste management contractor increase the frequency of cleaning.

b. Off-site Vehicle Tracking

The Contractor is responsible for keeping all adjacent streets free of construction dirt and sediment. (Daily inspection by the Contractor is required.) The Owner's Representative shall inform the Construction Contractor when street sweeping is required. Documentation concerning street sweeping shall be kept on site. To help minimize the occurrence of off-site tracking, the Contractor is required to construct a stabilized construction exit.

c. Demonstration of Compliance with State or Local Plans

The proposed project will be in compliance with applicable state and local waste disposal and raw water regulations.

2.5 Approved State or Local Plans

There are no additional local plan requirements for storm water management or erosion and sediment control during construction other than those required by the Texas Commission on Environmental Quality (TCEQ) under the TPDES program.

3.0 Erosion and Sediment Controls

3.1 Stabilization Practices

- a. Seed, fertilizer, mulching, and/or erosion control fabric shall be applied within the limits of construction where slopes greater than 5:1 (horizontal:vertical) exist and areas shown on the plans.
- b. Seed and fertilizer shall be applied on all remaining disturbed areas at the rates specified in the Technical Specifications and/or construction plans.

3.2 Structural Practices (Specific locations are indicated on the Construction Plan Sheets)

- a. Reinforced filter fabric fence (silt fencing) shall be installed to prevent sediment from leaving the construction area and to decrease the velocity of sheet flow.
- b. Rock berms shall be used in lieu of silt fencing where Stormwater flow is concentrated.
- c. Interceptor swales shall be used to shorten the length of exposed slopes by intercepting runoff and diverting it to a stabilized area.

3.3 Maintenance

To maintain the above practices, the following shall be performed:

- a. Maintenance and repairs shall be conducted within 24 hours of inspection report when problems are observed (see Section 4.0 below).
- b. All temporary controls will be removed after the disturbed areas have been stabilized.
- c. Sediment deposits at reinforced filter fabric fence barriers and rock berms shall be removed when the deposits reach one-third of the height of the fence.

4.0 Inspections

- a. The Owner's Representative shall perform or designate a qualified person or persons to perform the following inspections:
 - 1. Disturbed areas and areas used for storage of materials that are exposed to precipitation shall be inspected for the presence and/or potential of pollutants entering the drainage system.
 - 2. Erosion and sediment control measures identified in the plan shall be observed to ensure that they are functioning properly.
 - 3. Accessible discharge points shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving waters.
 - 4. Roads adjacent to locations where vehicles enter and/or exit the construction site shall be inspected for evidence of sediment tracking.

The inspection shall be conducted by the Owner's Representative at least once every 14 calendar days and within 24 hours after a storm of 0.5 inch or greater. The Owner's Representative may, at his option, conduct inspections once every 7 days in lieu of once every 14 days and within 24 hours of a storm of event of 0.5 inch or greater.

After a portion of the site is stabilized, inspection shall be conducted at least once every month until the project is completed.

- b. If modifications to the plan are required based on the results of the inspection, the site description (Section 1) and control measures (Section 2) of this Pollution Prevention Plan shall be revised by the Owner's Representative. Such modifications shall provide for the implementation of any necessary changes to the plan within 7 calendar days following the inspection.
- c. A report summarizing the scope of the inspection, name(s) and qualifications of personnel making the inspection, the date(s) of the inspection, major observations relating to the implementation of the Storm Water Pollution Prevention Plan, and actions taken in accordance with item "b" above will be made and retained as part of the Storm Water Pollution Prevention Plan for at least three years from the date that the site is finally stabilized. The report will be signed in accordance with Part VI.G of the General Permit.

Copies of the forms to be used for the Inspection and Maintenance reports are included as a part of this Pollution Prevention Plan in Appendix A.

5.0 Non-Storm Water Discharges

5.1 Inventory for Pollution Prevention Plan

The substances listed below are expected to be on-site during construction:

Concrete	Cleaning Solvents
Detergents	Lubricants
Paints	Wood
Fertilizers	Asphaltic Products
Fuels	Steel

5.2 Spill Prevention

The following material management practices will be used to reduce the risk of spills and/or accidental exposure of materials and substances to storm water runoff.

a. Good Housekeeping

The following good housekeeping practices shall be followed during the construction project.

1. An effort shall be made to store only enough product required to do the job.
2. All materials stored on-site shall be stored in a neat, orderly manner in their appropriate containers and under a roof or other enclosure when possible.
3. Products shall be kept in their original containers with the original manufacturer's label.
4. Substances shall not be mixed with one another unless recommended by the manufacturer.
5. Whenever possible, disposing of a partially filled container shall not occur.
6. Manufacturers' recommendations for proper use and disposal shall be followed.
7. The Contractor shall ensure the proper use and disposal of materials used on-site through daily inspections.

b. Hazardous Products

The following practices shall be used to reduce the risks associated with hazardous materials, if hazardous materials are used.

1. Products shall be kept in their original containers unless they are not resealable.
2. Original labels and material safety data sheets shall be retained.
3. If surplus product must be disposed of, manufacturer's and any local and state recommended methods for proper disposal shall be followed.

6.0 Standard Specifications

The following is a list of possible control measures employed during this project. Standard specifications for each measure are included in Appendix B.

Items Specified

- a. Stabilized Construction Entrance/Exit
- b. Silt Fence
- c. Rock Berm
- d. General Source Controls

7.0 Product Specific Practices

The following product specific practices shall be followed on-site during construction of this project.

7.1 Petroleum Products:

All on-site vehicles shall be monitored for leaks and receive regular preventive maintenance to reduce the chance of leakage. Petroleum products shall be stored in tightly sealed, labeled containers. Any asphalt substances used on-site shall be applied according to the manufacturer's recommendations.

7.2 Fertilizers:

Fertilizers shall be applied using the minimum amounts recommended by the manufacturer. Once applied, fertilizer shall be worked into the soil to limit its exposure to storm water. Fertilizer shall be stored in a covered structure. The contents of any partially used bag of fertilizer shall be transferred to a sealable plastic container to avoid spills.

7.3 Paints:

All containers shall be tightly sealed and stored when not in use. No paint shall be discharged to any storm water system. Disposal of waste paint shall be in accordance to the manufacturer's instructions and/or state and local regulations.

7.4 **Concrete Trucks:**

Surplus concrete and drum wash water shall be discharged only on the portion of the construction site as approved by the Engineer. Concrete trucks may not wash within 150 feet of the existing or proposed drainage ways located within the project area.

8.0 **Spill Prevention Practices:**

In addition to the good housekeeping and material management practices discussed above, the following practices shall be followed for spill prevention and cleanup:

- a. Manufacturers' recommended methods for spill cleanup shall be clearly posted and site personnel shall be made aware of the procedures and the location of the information and cleanup supplies.
- b. Materials and equipment necessary for spill cleanup shall be kept in the on-site material storage area. Equipment and materials shall include, but not be limited to, brooms, dustpans, rags, gloves, goggles, kitty litter, sand, sawdust, and plastic and metal trash containers specifically for spill cleanup.
- c. All spills shall be cleaned up immediately after discovery.
- d. The spill area shall be kept well ventilated and personnel shall wear appropriate protective clothing to prevent injury from contact with any hazardous substances.
- e. All spills of toxic or hazardous material shall be reported to the appropriate State or local government agency.
- f. If a toxic or hazardous material spill occurs, a description of the spill, its cause, and the cleanup measures used shall be documented. In addition, the spill prevention plan shall be amended to include measures to prevent a similar spill from reoccurring. The spill prevention plan shall also be amended to include the proper cleanup procedures for a similar spill.
- g. The construction contractor responsible for the day-to-day site operations shall be the spill prevention/cleanup coordinator. He shall select at least three other on-site employees who shall receive spill prevention and cleanup training. These individuals shall each become responsible for a particular phase of prevention and cleanup. The names of spill prevention/cleanup personnel shall be posted in the material storage area and in the office trailer on-site.

9.0 **Spill Response**

To report an environmental emergency, discharge, **spill**, or air release: (800) 832-8224 - Supported by several Texas agencies, the 800 number is answered 24 hours a day and serves as the **TCEQ spill** reporting line (512) 339-2929.

(a) The responsible person shall immediately abate and contain the spill or discharge and cooperate fully with the executive director and the local incident command system. The responsible person shall also begin reasonable response actions which may include, but are not limited to, the following actions:

- (1) arrival of the responsible person or response personnel hired by the responsible person at the site of the discharge or spill;
- (2) initiating efforts to stop the discharge or spill;
- (3) minimizing the impact to the public health and the environment;
- (4) neutralizing the effects of the incident;
- (5) removing the discharged or spilled substances; and

- (6) managing the wastes.
- (b) Upon request of the local government responders or the executive director, the responsible person shall provide a verbal or written description, or both, of the planned response actions and all actions taken before the local governmental responders or the executive director arrive. When the agency on-scene coordinator requests this information, it is subject to possible additional response action requirements by the executive director. The information will serve as a basis for the executive director to determine the need for:
 - (1) further response actions by the responsible person;
 - (2) initiating state funded actions for which the responsible person may be held liable to the maximum extent allowed by law; and
 - (3) subsequent reports on the response actions.
- (c) Except for discharges or spills occurring during the normal course of transportation about which carriers are required to file a written report with the U.S. Department of Transportation under 49 CFR §171.16, the responsible person shall submit written information, such as a letter, describing the details of the discharge or spill and supporting the adequacy of the response action, to the appropriate TNRCC regional manager within 30 working days of the discovery of the reportable discharge or spill. The regional manager has the discretion to extend the deadline. The documentation shall contain one of the following items:
 - (1) A statement that the discharge or spill response action has been completed and a description of how the response action was conducted. The statement shall include the initial report information required by §327.3(c) of this title (relating to Notification Requirements). The executive director may request additional information. Appropriate response actions at any time following the discharge or spill include use of the Texas Risk Reduction Program rules in Chapter 350 of this title (relating to Texas Risk Reduction Program).
 - (2) A request for an extension of time to complete the response action, along with the reasons for the request. The request shall also include a projected work schedule outlining the time required to complete the response action. The executive director may grant an extension up to six months from the date the spill or discharge was reported. Unless otherwise notified by the appropriate regional manager or the Emergency Response Team, the responsible person shall proceed according to the terms of the projected work schedule.
 - (3) A statement that the discharge or spill response action has not been completed nor is it expected to be completed within the maximum allowable six month extension. The statement shall explain why completion of the response action is not feasible and include a projected work schedule outlining the remaining tasks to complete the response action. This information will also serve as notification that the response actions to the discharge or spill will be conducted under the Texas Risk Reduction Program rules in Chapter 350 of this title (relating to Texas Risk Reduction Program).

10.0 TPDES Stormwater Regulations

Immediately upon notification of award of this contract, the Contractor shall file a notice of intent (NOI) for construction of these facilities with:

Texas Commission on Environmental Quality
 Storm Water and General Permits Team; MC-228
 P.O. Box 13807
 Austin, Texas 78711-3087

The notice of intent should additionally include estimates of the area of the site that will be disturbed.

The Contractor shall comply with all erosion control methods detailed in the General Permit TxR150000 (i.e., off-site tracking of mud, detention basins, silt fences, etc.) Upon completion of construction activities, the Contractor shall file a Notice of Termination (NOT) with the TCEQ including methods implemented for final stabilization of erodable soils and certification of completion. The Contractor shall have a minimum of 70% of the disturbed area permanently stabilized prior to leaving site and filing a NOT. Payment for all work to 1) file a notice of intent, 2) secure any required permit(s) and 3) comply with any required permit(s) shall be subsidiary to

other items of work. Copies of Notice of Intent and Notice of Termination forms are included in Appendix C.

11.0 Certifications

Sample certification forms required in the General Permit are included in the following pages. These certifications shall be signed by the Engineer and Contractor prior to the initiation of work on the project. A copy of the General Permit is included in Appendix D.

CONTRACTOR/SUB-CONTRACTOR CERTIFICATION

Site: Highland Falls Office Park, City of Leander, Texas

I certify under penalty of law that I understand the terms and conditions of the general Texas Pollutant Discharge Elimination System (NPDES) General Permit TxR150000 that authorizes the storm water discharges associated with construction activity from the site identified as part of this certification.

Signature:

For:

Responsible for:

General Contractor

Name/Address:

Date: _____

Phone: _____

General Contractor
Erosion and Sediment
Controls
Vegetative Stabilization
Other Controls

APPENDIX A

MAINTENANCE AND INSPECTION REPORTS

STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT

OTHER CONTROLS

STABILIZATION MEASURES:

INSPECTOR: _____ DATE _____

DAYS SINCE LAST RAINFALL: _____ AMOUNT OF LAST RAINFALL: _____ INCHES

AREA	DATE SINCE LAST DISTURBED	DATE OF NEXT DISTURBANCE	STABILIZED?	STABILIZED WITH	CONDITION
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

STABILIZATION REQUIRED:

TO BE PERFORMED BY: _____ ON OR BEFORE: _____

STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT

OTHER CONTROLS

FILTER FABRIC FENCE:

LOCATION	BOTTOM OF FABRIC STILL BURIED	FABRIC TORN OR SAGGING	POST TIPPING OVER?	HOW DEEP IS THE SEDIMENT?
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

MAINTENANCE REQUIRED FOR SILT FENCE:

TO BE PERFORMED BY: _____ ON OR BEFORE: _____

Inspector: _____ Date: _____

STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT

STRUCTURAL CONTROLS

ROCK BERM:

DATE: _____

ROCK BERM LOCATION	IS ROCK BERM STABILIZED?	IS THERE EVIDENCE OF WASHOUT OR OVERTOPPING?

MAINTENANCE REQUIRED FOR ROCK BERM:

TO BE PERFORMED BY: _____ ON OR BEFORE: _____

**STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT**

CHANGES REQUIRED TO THE POLLUTION PREVENTION PLAN:

INSPECTOR'S SIGNATURE: _____ DATE: _____

**STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT**

OTHER CONTROLS

STABILIZATION MEASURES:

INSPECTOR: _____ DATE _____

DAYS SINCE LAST RAINFALL: _____ AMOUNT OF LAST RAINFALL: _____ INCHES

AREA	DATE SINCE LAST DISTURBED	DATE OF NEXT DISTURBANCE	STABILIZED?	STABILIZED WITH	CONDITION
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

STABILIZATION REQUIRED:

TO BE PERFORMED BY: _____ ON OR BEFORE: _____

**STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT**

OTHER CONTROLS

FILTER FABRIC FENCE:

LOCATION	BOTTOM OF FABRIC STILL BURIED	FABRIC TORN OR SAGGING	POST TIPPING OVER?	HOW DEEP IS THE SEDIMENT?
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

MAINTENANCE REQUIRED FOR SILT FENCE:

TO BE PERFORMED BY: _____ ON OR BEFORE: _____

Inspector: _____ Date: _____

**STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT**

STRUCTURAL CONTROLS

ROCK BERM:

DATE: _____

ROCK BERM LOCATION	IS ROCK BERM STABILIZED?	IS THERE EVIDENCE OF WASHOUT OR OVER-TOPPING?

MAINTENANCE REQUIRED FOR ROCK BERM:

TO BE PERFORMED BY: _____ **ON OR BEFORE:** _____

**STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT**

CHANGES REQUIRED TO THE POLLUTION PREVENTION PLAN:

INSPECTOR'S SIGNATURE: _____ DATE: _____

APPENDIX B
SPECIFICATIONS

Note: See project construction plans for specifications regarding filter fabric fence (silt fence), rock berm, and erosion control fabric.

BAGDAD RETAIL OUTLET

SITE DEVELOPMENT PLANS 23-SD-0069

OWNER/DEVELOPER: RETAIL PRO, LLC
11522 KEMPWOOD DRIVE, SUITE B
AUSTIN, TEXAS 78750
512-955-0825

ENGINEER/AGENT: CRD GROUP, LLC
11508 DK RANCH ROAD
AUSTIN, TX 78759
512-775-5166

ARCHITECT: TCHEN ARCHITECT
1303 ELM FOREST DRIVE CEDAR
PARK, TEXAS 78613

SURVEYOR: MANHARD CONSULTING
6448 EAST HIGHWAY 290, SUITE B-105
AUSTIN TX. 78723
512-244-3395

PROPERTY: PROPOSED USE: CONVENIENT STORE
BEING 2.044 ACRES OUT OF THE CHARLES
COCHRAN SURVEY, ABSTRACT NO. 134
ZONING: GC-3-A & GC-3-C
ACREAGE = 2.044 ACRES
TOTAL IMPERVIOUS COVER = 51,400 S.F.
BLDG. IMPERVIOUS COVER = 10,058 SF
FUTURE LAND USE CATEGORY: MULTI-USE
CORRIDOR

REFERENCE MASONRY DEVELOPMENT AGREEMENT DA-23-0028 FOR 100% BUILDING
MASONRY AND ALLOWING FUEL PUMPS IN THE FRONT OF THE BUILDING AND REDUCED SETBACKS

DETENTION FACILITY IS TO BE MAINTAINED BY OWNER

THE ENGINEER OF RECORD IS SOLELY RESPONSIBLE FOR THE
COMPLETENESS, ACCURACY, REGULATORY COMPLIANCE, AND
ADEQUACY OF THESE PLANS AND/OR SPECIFICATIONS WHETHER
OR NOT THE PLANS AND/OR SPECIFICATIONS WERE REVIEWED
BY THE CITY ENGINEER(S).

TCEQ LETTER AND SUPPORT CALCULATIONS WERE APPROVED AND UPLOADED ON THE CITY HUB

FLOODPLAIN INFORMATION:

FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE
RATE MAP NO. 48491C0435F DATED DECEMBER 20, 2019
INDICATES THAT THE SUBJECT TRACT LIES WITHIN ZONE "X"
(UNSHADED), AREAS DETERMINED TO BE OUTSIDE THE FLOOD
PLAIN.

SUBMITTAL DATE:

FEBRUARY 21, 2023

ADDRESS:

1067 N BAGDAD ROAD
LEANDER, TEXAS

LEGAL DESCRIPTION

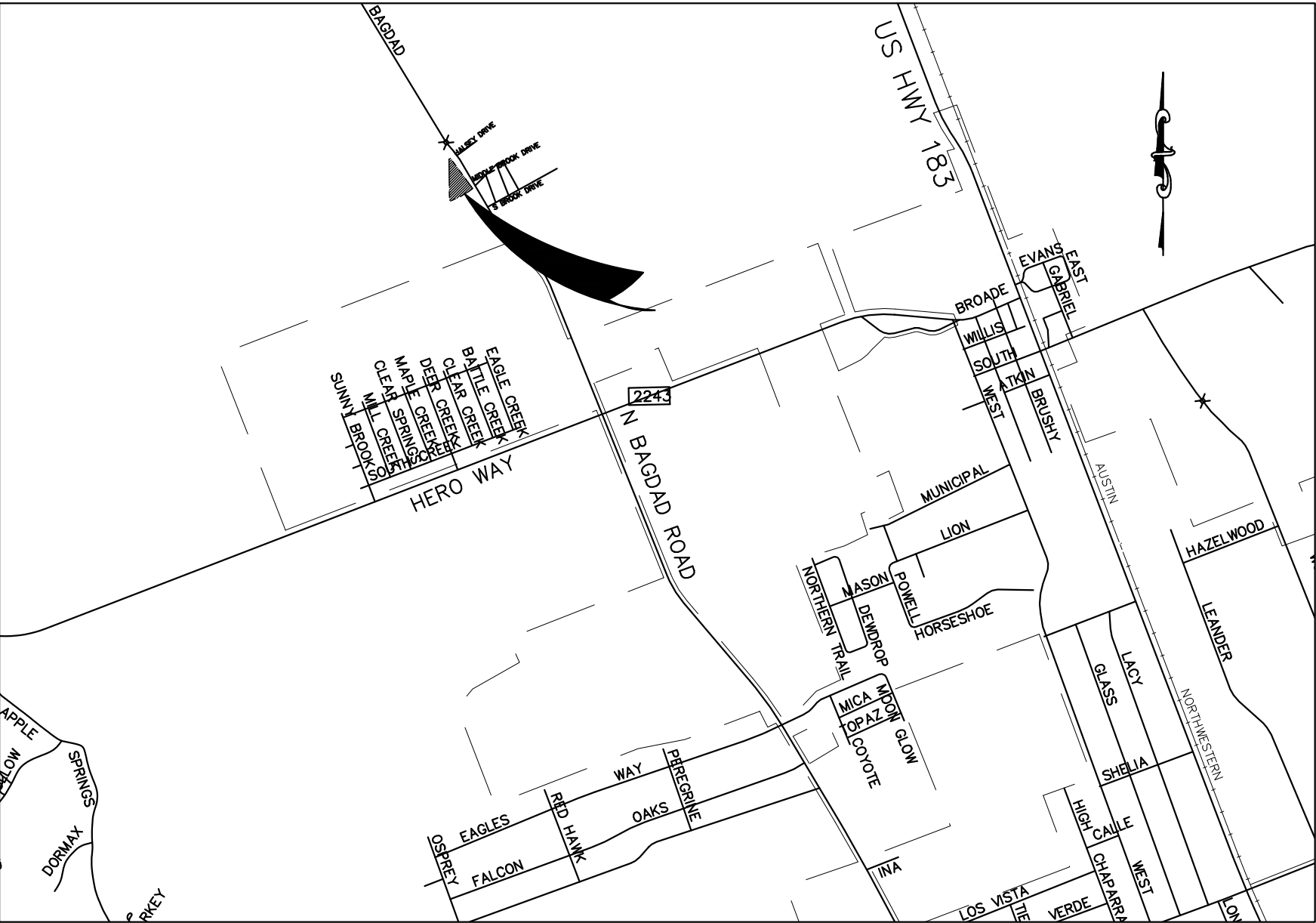
RETAIL PRO LOT 1, BLOCK 1

ASSOCIATED PROJECT:

FP-22-0047
PICP-24-0124
DA-23-0028

REVISIONS / CORRECTIONS		
Revision #	Description:	Approval:

VICINITY MAP
1"=2000'



APPROVED BY:

ROBIN GRIFFIN, AICP, EXECUTIVE DIRECTOR OF DEVELOPMENT SERVICES DATE

EMILY TRUMAN, P.E., CFM, CITY ENGINEER DATE

MARK TUMMONS, CPRP DIRECTOR OF PARKS AND RECREATION DATE

CHIEF JOSHUA DAVIS, FIRE MARSHALL DATE

SUBMITTED BY:  3/1/25
MICHAEL R. CHAPA, P.E.
LICENSED PROFESSIONAL ENGINEER NO. 91724 DATE

SHEET NO. SHEET DESCRIPTION

- | | |
|----|---------------------------------------|
| 1 | COVER SHEET |
| 2 | CITY OF LEANDER GENERAL NOTES |
| 3 | FINAL PLAT 1 |
| 4 | FINAL PLAT 2 |
| 5 | EXISTING CONDITIONS & DEMOLITION PLAN |
| 6 | SIDEWALK DETOUR PLAN |
| 7 | EROSION/SEDIMENTARY CONTROL PLAN |
| 8 | DRAINAGE PLAN |
| 9 | PAVING PLAN |
| 10 | GRADING PLAN |
| 11 | SITE PLAN/ADDRESS PLAN |
| 12 | UTILITY PLAN |
| 13 | STORM DRAIN PLAN AND PROFILE |
| 14 | DETENTION POND |
| 15 | WATER QUALITY POND |
| 16 | POND NOTES |
| 17 | PAVING DETAILS |
| 18 | UTILITY DETAILS 1 |
| 19 | UTILITY DETAILS 2 |
| 20 | EROSION CONTROL DETAILS |
| 21 | MISCELLANEOUS DETAILS |
| 22 | LANDSCAPE PLAN |
| 23 | LANDSCAPE NOTES AND DETAILS |
| 24 | MAJOR STREETSCAPE PLAN |
| 25 | LEFT TURN LANE MARKING PLAN |
| 26 | LEFT TURN LANE DETAILS 1 |
| 27 | LEFT TURN LANE DETAILS 2 |
| L1 | TREE REMOVAL PERMIT |

APPROVED BY:

MARK	REVISION	BY	CK'D	DATE

CRD GROUP, LLC
COMMERCIAL/RESIDENTIAL DESIGN
T.B.P.E. FROM 1998B

11508 DK RANCH ROAD
Austin, Texas 78759
T-512.346.7030
F-512.346.0520

Austin, Texas

DRAWN BY:
DESIGNED BY:
MC
LATEST REVISION:
CRD PROJECT NO.:

BAGDAD RETAIL OUTLET
1067 N BAGDAD ROAD DRIVE
LEANDER, TX 78641


PROJECT NAME:

COVER SHEET

SHEET NAME:

STATE OF TEXAS
MICHAEL R. CHAPA
91724
LICENSED PROFESSIONAL ENGINEER

3/1/25



SEAL:

FULL SIZE DRAWING SCALE:	
VERTICAL	
HORIZONTAL	
11"x17" DRAWING SCALE:	
VERTICAL	
HORIZONTAL	
PLOT DATE:	03/02/2025
FILE NAME:	

SHEET NO.
1
OF
27

BAGDAD RETAIL OUTLET - LEANDER TEXAS 1067 N BAGDAD ROAD

GENERAL NOTES FOR SUBDIVISIONS AND SITE DEVELOPMENT PLANS

REVISED March 27, 2023
CITY CONTACTS:
ENGINEERING MAIN LINE: 512-528-2721
PLANNING DEPARTMENT: 512-528-2750
PUBLIC WORKS MAIN LINE: 512-259-2640
STORMWATER INSPECTIONS: 512-285-0055
UTILITIES MAIN LINE: 512-259-1142
UTILITIES ON-CALL: 512-690-4760
GENERAL:
1. CONTRACTORS SHALL HAVE AN APPROVED SET OF PLANS WITH APPROVED REVISIONS ON SITE AT ALL TIMES. FAILURE TO HAVE APPROVED PLANS ON SITE MAY RESULT IN ISSUANCE OF WORK STOPPAGE.
2. CONTACT #11 SYSTEM FOR EXISTING WATER AND WASTEWATER LOCATIONS 48 HOURS PRIOR TO CONSTRUCTION.
a. REFRESH ALL LOCATIONS BEFORE 14 DAYS -LOCATE REFRESH REQUESTS MUST INCLUDE A COPY OF YOUR #11 TICKET. TEXAS PIPELINE DAMAGE PREVENTION LAWS REQUIRE THAT A LOCATE REFRESH REQUEST BE SUBMITTED BEFORE 14 DAYS, OR IF LOCATION MARKERS ARE NO LONGER VISIBLE.
b. REPORT PIPELINE DAMAGE IMMEDIATELY - IF YOU WITNESS OR EXPERIENCE PIPELINE EXCAVATION DAMAGE, PLEASE CONTACT THE CITY OF LEANDER BY PHONE AT 512-259-2640.
3. THE CONTRACTOR SHALL CONTACT THE CITY INSPECTOR 48 HOURS BEFORE:
a. BEGINNING EACH PHASE OF CONSTRUCTION. CONTACT ASSIGNED CITY INSPECTOR.
b. ANY TESTING. CONTRACTOR SHALL PROVIDE QUALITY TESTING FOR ALL INFRASTRUCTURES TO BE ACCEPTED AND MAINTAINED BY THE CITY OF LEANDER AFTER COMPLETION.
c. PROOF ROLLING SUB-GRADE AND EVERY LIFT OF ROADWAY EMBANKMENT, IN-PLACE DENSITY TESTING OF EVERY BASE COURSE, AND ASPHALT CORES. ALL OF THIS TESTING MUST BE WITNESSED BY A CITY OF LEANDER REPRESENTATIVE.
d. CONNECTING TO THE EXISTING WATER LINES.
e. THE INSTALLATION OF ANY DRAINAGE FACILITY WITHIN A DRAINAGE EASEMENT OR STREET ROW. THE METHOD OF PLACEMENT AND COMPACTION OF BACKFILL IN THE CITY'S ROW MUST BE APPROVED PRIOR TO THE START OF BACKFILL OPERATIONS.
4. ALL RESPONSIBILITY FOR THE ACCURACY OF THESE PLANS REMAINS WITH THE ENGINEER OF RECORD WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY MUST RELY ON THE ADEQUACY OF THE ENGINEER OF RECORD'S RECORD DRAWINGS.
5. EXCESS SOIL SHALL BE REMOVED AT THE CONTRACTOR'S EXPENSE. NOTIFY THE CITY OF LEANDER IF THE DISPOSAL SITE IS INSIDE THE CITY'S JURISDICTIONAL BOUNDARIES.
6. BURNING IS PROHIBITED.
7. NO WORK IS TO BE PERFORMED BETWEEN THE HOURS OF 9:00 P.M. AND 7:00 A.M. OR WEEKENDS. THE CITY INSPECTOR RESERVES THE RIGHT TO REQUIRE THE CONTRACTOR TO UNCOVER ALL WORK PERFORMED WITHOUT INSPECTION.
8. CONTACT THE CITY INSPECTOR 4 DAYS PRIOR TO WORK FOR APPROVAL TO SCHEDULE ANY INSPECTIONS ON WEEKENDS OR CITY HOLIDAYS.
9. NO BLASTING IS ALLOWED.
10. ANY CHANGES OR REVISIONS TO THESE PLANS MUST FIRST BE SUBMITTED TO THE CITY BY THE DESIGN ENGINEER FOR REVIEW AND WRITTEN APPROVAL PRIOR TO CONSTRUCTION OF REVISIONS. ALL REVISIONS SHALL USE STANDARD REVISION TRIANGLE MARKERS AND ALL REVISIONS AND CHANGES WITH EACH SUBMITTAL REVISION TRIANGLE MARKERS AND NUMBERS SHALL BE USED TO MARK REVISIONS. ALL CLOUDS AND TRIANGLE MARKERS FROM PREVIOUS REVISIONS MUST BE REMOVED. REVISION INFORMATION SHALL BE UPDATED ON COVERED SHEET AND PLAN SHEET TITLE BLOCK.
11. THE CONTRACTOR AND ENGINEER SHALL KEEP ACCURATE RECORDS OF ALL CONSTRUCTION THAT DEVIATES FROM THE PLANS. THE ENGINEER SHALL FURNISH THE CITY OF LEANDER ACCURATE RECORDING OF THE COMPLETION OF ALL CONSTRUCTION. THESE RECORD DRAWINGS SHALL MEET THE SATISFACTION OF THE ENGINEERING DEPARTMENTS PRIOR TO FINAL ACCEPTANCE.
12. THE CONTRACTOR WILL REIMBURSE THE CITY FOR ALL REPAIR AND/OR COST INCURRED AS A RESULT OF ANY DAMAGE TO ANY PUBLIC INFRASTRUCTURE WITHIN CITY EASEMENT OR PUBLIC RIGHT-OF-WAY, REGARDLESS OF THESE PLANS.
13. WHEN CONSTRUCTION IS BEING CARRIED OUT WITHIN EASEMENTS, THE CONTRACTOR SHALL CONFINES HIS WORK TO WITHIN THE PERMANENT AND TEMPORARY EASEMENTS. PRIOR TO ACCEPTANCE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL TRASH AND DEBRIS WITHIN THE PERMANENT EASEMENTS. CLEANUP SHALL BE TO THE SATISFACTION OF THE ENGINEER OF RECORD AND CITY.
14. CONTRACTOR TO LOCATE, PROTECT, AND MAINTAIN BENCHMARKS, MONUMENTS, CONTROL POINTS AND PROJECT ENGINEERING REFERENCE POINTS. RE-ESTABLISH DISTURBED OR BY REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF TEXAS, AT NO ADDITIONAL COST TO THE PROPERTY OWNER.
15. ALL CONSTRUCTION OPERATIONS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH APPLICABLE REGULATIONS OF THE U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA). OSHA STANDARDS MAY BE PURCHASED FROM THE GOVERNMENT PRINTING OFFICE; INFORMATION AND RELATED REFERENCE MATERIALS MAY BE PURCHASED FROM OSHA, 1033 LA POSADA DR. SUITE 375, AUSTIN, TEXAS 78752-3832.
16. ALL MANHOLE FRAMES/COVERS AND WATER VALVE/METERS BOXES MUST BE ADJUSTED TO FINISHED GRADE AT THE OWNER'S EXPENSE BY THE CONTRACTOR FOR CITY CONSTRUCTION INSPECTOR INSPECTION. ALL UTILITY ADJUSTMENTS SHALL BE COMPLETED PRIOR TO FINAL PAVING. CONTRACTOR SHALL BACKFILL AROUND MANHOLES AND VALVE BOXES WITH CLASS A CONCRETE.
17. ALL MATERIALS AND CONSTRUCTION PROCEDURES WITHIN THE SCOPE OF THIS CONTRACT WHERE NOT SPECIFICALLY COVERED IN THE PROJECT SPECIFICATIONS SHALL CONFORM TO ALL CITY OF LEANDER DETAILS AND CITY OF AUSTIN STANDARD SPECIFICATIONS.
18. PROJECT SPECIFICATIONS TAKE PRECEDENCE OVER PLANS AND SPECIAL CONDITIONS GOVERN OVER TECHNICAL SPECIFICATIONS.
19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ALL PERMITS, TESTS, APPROVALS AND ACCEPTANCES REQUIRED TO COMPLETE CONSTRUCTION OF THIS PROJECT.
20. THE CONTRACTOR MUST OBTAIN A CONSTRUCTION WATER METER FOR ALL WATER USED DURING CONSTRUCTION. A COPY OF THIS PERMIT MUST BE CARRIED AT ALL TIMES BY ALL WHO USE WATER.
21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ROADS AND DRIVES ADJACENT TO AND NEAR THE SITE FREE FROM SOIL, SEDIMENT AND DEBRIS. CONTRACTOR WILL NOT REMOVE SOIL, SEDIMENT OR DEBRIS FROM ANY AREA OR VEHICLE BY MEANS OF WATER. ONLY SHOVELING AND SWEEPING WILL BE ALLOWED. THE CONTRACTOR WILL BE RESPONSIBLE FOR DUST CONTROL FROM THE SITE. THE CONTRACTOR SHALL KEEP THE SITE AREA CLEAN AND MAINTAINED AT ALL TIMES, TO THE SATISFACTION OF THE CITY. THE SUBDIVISION (OR SITE) WILL NOT BE ACCEPTED (OR CERTIFICATE OF OCCUPANCY ISSUED) UNTIL THE SITE HAS BEEN CLEANED TO THE SATISFACTION OF THE CITY.
22. TREES IN EXISTING ROW SHOULD BE PROTECTED OR NOTED IN THE PLANS TO BE REMOVED.
CONSTRUCTION SEQUENCE NOTES
NOTE: BELOW IS GENERAL SEQUENCE OF CONSTRUCTION. THE ENGINEER OF RECORD SHALL UPDATE BELOW WITH NOTES SPECIFIC TO THE PROJECT.
1. REACH OUT TO THE CITY FOR PRE-CONSTRUCTION MEETING AND CONSTRUCTION PERMIT.
2. SET-UP E/S CONTROLS AND TREE PROTECTION AND REACH OUT TO CITY FOR INSPECTION.
3. SET UP TEMPORARY TRAFFIC CONTROLS.
4. CONSTRUCT THE DRAINAGE PONDS AND STORM WATER FEATURES.
5. START UTILITY, ROAD, GRADING, FRANCHISE UTILITY AND ALL NECESSARY INFRASTRUCTURE CONSTRUCTION. [NOTE: PLEASE UPDATE AS PER THE PROJECT]
6. REQUEST FINAL WALKTHROUGH AND CONDUCT WALKTHROUGH WITH ENGINEER OF RECORD AND CITY DEPARTMENT.
7. ENGINEER OF RECORD IS RESPONSIBLE TO PREPARE AND SUBMIT CLOSEOUT DOCUMENTS FOR PROJECT CLOSEOUT.
EROSION CONTROL NOTES
1. THE CONTRACTOR IS REQUIRED TO INSPECT THE CONTROLS AND FENCES AT WEEKLY INTERVALS.
2. AND AFTER SIGNIFICANT RAINFALL EVENTS TO ENSURE THAT THEY ARE FUNCTIONING PROPERLY. THE CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF CONTROLS AND FENCES AND SHALL IMMEDIATELY MAKE ANY NECESSARY REPAIRS TO DAMAGED AREAS. SILT ACCUMULATION AT CONTROLS MUST BE REMOVED WHEN THE DEPTH REACHES SIX (6) INCHES.
3. THE TEMPORARY SPOILS DISPOSAL SITE IS TO BE SHOWN IN THE EROSION CONTROL MAP.
4. ANY ON-SITE SPOILS DISPOSAL SHALL BE REMOVED PRIOR TO ACCEPTANCE UNLESS SPECIFICALLY SHOWN ON THE PLANS. THE DEPTH OF SPOIL SHALL NOT EXCEED 10 FEET IN ANY AREA.
5. ALL AREAS DISTURBED OR EXPOSED DURING CONSTRUCTION SHALL BE RESTORED WITH A MINIMUM OF 6 INCHES OF TOPSOIL AND COMPOST BLEND. TOPSOIL ON SINGLE FAMILY LOTS MAY BE INSTALLED WITH HOME CONSTRUCTION. THE TOPSOIL AND COMPOST BLEND SHALL CONSIST OF 75% TOPSOIL AND 25% COMPOST.
6. SEEDING FOR REESTABLISHING VEGETATION SHALL COMPLY WITH THE AUSTIN GROW GREEN GUIDE OR WILLIAMSON COUNTY'S PROTOCOL FOR SUSTAINABLE ROADSIDES (SPEC 164---WC001) SEEDING FOR EROSION CONTROL). RESEEDING VARIETIES OF BERMUDA SHALL NOT BE USED.
7. STABILIZED CONSTRUCTION ENTRANCE IS REQUIRED AT ALL POINTS WHERE CONSTRUCTION TRAFFIC IS EXITING THE PROJECT ONTO EXISTING PAVEMENT. LINEAR CONSTRUCTION PROJECTS MAY REQUIRE SPECIAL CONSIDERATION. ROADWAYS SHALL REMAIN CLEAR OF SILT AND MUD.
8. TEMPORARY STOP SIGNS SHOULD BE INSTALLED AT ALL CONSTRUCTION ENTRANCES WHERE A STOP CONDITION DOES NOT ALREADY EXIST.
9. IN THE EVENT OF INCLEMENT WEATHER THAT MAY RESULT IN A FLOODING SITUATION, THE CONTRACTOR SHALL REMOVE INLET PROTECTION MEASURES UNTIL SUCH TIME AS THE WEATHER EVENT HAS PASSED.

WATER AND WASTEWATER NOTES
WATER AND WASTEWATER GENERAL NOTES
1. ALL NEWLY INSTALLED PIPES AND RELATED PRODUCTS MUST CONFORM TO AMERICAN NATIONAL STANDARDS INSTITUTE/NATIONAL SANITATION FOUNDATION (ANSI/NSF) STANDARD 61 AND MUST BE CERTIFIED BY AND ORGANIZATION ACCREDITED BY ANSI.
2. ALL WATER SERVICE, WASTEWATER SERVICE AND VALVE LOCATIONS SHALL BE APPROPRIATELY STAMPED AS FOLLOWS:
WATER SERVICE "W" ON TOP OF CURB
WASTEWATER SERVICE "S" ON TOP OF CURB
WATER VALVE "V" ON TOP OF CURB
3. OPEN UTILITIES SHALL NOT BE PERMITTED ACROSS THE EXISTING PAVED SURFACES. WATER AND WASTEWATER LINES ACROSS THE EXISTING PAVED SURFACES SHALL BE BORED AND INSTALLED IN STEEL ENCASEMENT PIPES. BELL RESTRAINTS SHALL BE PROVIDED AT JOINTS.
4. INTERIOR SURFACES OF ALL DUCTILE IRON POTABLE OR RECLAIMED WATER PIPE SHALL BE CEMENT-MORTAR LINED AND SEAL COATED AS REQUIRED BY AWWA C104.
5. SAND, AS DESCRIBED IN AUSTIN SPECIFICATION ITEM 510 PIPE, SHALL NOT BE USED AS BEDDING FOR WATER AND WASTEWATER LINES. ACCEPTABLE BEDDING MATERIALS ARE PIPE BEDDING STONE, PEA 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:
SIEVE SIZE PERCENT RETAINED BY WEIGHT
1/2" 0
3/8" 0-2
#4 40-85
#10 85-100
6. DENSITY TESTING FOR TRENCH BACKFILL SHALL BE DONE IN MAXIMUM 12" LIFTS.
WATER
1. SAMPLING TAPS SHALL BE BROUGHT UP TO 3 FEET ABOVE GRADE AND SHALL BE EASILY ACCESSIBLE FOR CITY PERSONNEL. AT THE CONTRACTORS REQUEST, AND IN HIS PRESENCE, SAMPLES FOR BACTERIOLOGICAL TESTING WILL BE COLLECTED BY THE CITY OF LEANDER NOT LESS THAN 24 HOURS AFTER THE TREATED LINE HAS BEEN FLUSHED OF THE CONCENTRATED CHAMORRE SOLUTION AND CHARGED WITH WATER APPROVED BY THE CITY.
2. CITY PERSONNEL WILL OPERATE OR AUTHORIZE THE CONTRACTOR TO OPERATE ALL WATER VALVES THAT WILL PASS THROUGH THE CITY'S POTABLE WATER. THE CONTRACTOR MAY BE FINED \$500 OR MORE, INCLUDING ADDITIONAL THEFT OF WATER FINES, IF A WATER VALVE IS OPERATED IN AN UNAUTHORIZED MANNER, REGARDLESS OF WHO OPERATED THE VALVE.
3. 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 AND POSSIBLY BETWEEN 12 AM AND 6 AM AFTER COORDINATING WITH CITY CONSTRUCTION INSPECTORS AND INFORMING AFFECTED PROPERTIES.
4. PRESSURE TAPS OR HOT TAPS SHALL BE IN ACCORDANCE WITH CITY OF LEANDER STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL PERFORM ALL EXCAVATION AND SHALL FURNISH, INSTALL AND AIR TEST THE SLEEVE AND VALVE. A CITY OF LEANDER INSPECTOR MUST BE PRESENT WHEN THE CONTRACTOR MAKES A TAP, AND/OR ASSOCIATED TESTS. A MINIMUM OF TWO (2) WORKING DAYS NOTICE IS REQUIRED. SIZE ON SIZE TAPS SHALL NOT BE PERMITTED UNLESS MADE BY THE USE OF AN APPROVED FULL-CIRCLE GASKETED TAPPING SLEEVE. CONCRETE THRUST BLOCKS SHALL BE PLACED BEHIND AND UNDER ALL TAP SLEEVES A MINIMUM OF 24 HOURS PRIOR TO THE BRANCH BEING PLACED INTO SERVICE. THRUST BLOCKS SHALL BE INSPECTED PRIOR TO BACKFILL.
5. FIRE HYDRANTS ON MAINS UNDER CONSTRUCTION SHALL BE SECURELY WRAPPED WITH A BLACK POLY WRAP BAG AND TAPED INTO PLACE. THE POLY WRAP SHALL BE REMOVED WHEN THE MAINS ARE ACCEPTED AND PLACED INTO SERVICE.
6. THRUST BLOCKS OR RESTRAINTS SHALL BE IN ACCORDANCE WITH THE CITY OF LEANDER STANDARD SPECIFICATIONS AND REQUIRED AT ALL FITTINGS PER DETAIL OR MANUFACTURERS RECOMMENDATION. ALL FITTINGS SHALL HAVE BOTH THRUST BLOCKS AND RESTRAINTS.
7. ALL DEAD END WATER MAINS SHALL HAVE FIRE HYDRANT ASSEMBLY OR BLOW-OFF VALVE AND THRUST BLOCK OR BLOW-OFF VALVE AND THRUST RESTRAINTS. THRUST RESTRAINTS SHALL BE INSTALLED ON THE MINIMUM LAST THREE PIPE LENGTHS (STANDARD 20' LAYING LENGTH). ADDITIONAL THRUST RESTRAINTS MAY BE REQUIRED BASED UPON THE MANUFACTURERS RECOMMENDATION AND/OR ENGINEERS DESIGN.
8. PIPE MATERIAL FOR PUBLIC WATER MAINS SHALL BE PVC (AWWA C900-DR14 MIN. 305 PSI PRESSURE RATING). WATER SERVICES (2" OR LESS) SHALL BE POLYETHYLENE TUBING (BLACK, 20PPS, AND SDR-9). COPPER PIPES AND FITTINGS ARE NOT ALLOWED IN THE PUBLIC RIGHT OF WAY. ALL PLASTIC PIPES FOR USE IN PUBLIC WATER SYSTEMS MUST BEAR THE NATIONAL SANITATION FOUNDATION SEAL OF APPROVAL (NSF-PW).
9. ALL FIRE HYDRANT LEADS SHALL BE DUCTILE IRON PIPE (AWWA C115/C151 PRESSURE CLASS 350).
10. ALL IRON PIPE AND FITTINGS SHALL BE WRAPPED WITH MINIMUM 8-MIL POLYETHYLENE.
11. LINE FLUSHING OR ANY ACTIVITY USING A LARGE QUANTITY OF WATER MUST BE COORDINATED WITH THE PUBLIC WORKS DEPARTMENT.
12. ALL WATER METER BOXES SHALL BE:
a. SINGLE, 1" METER AND BELOW DFW37F-12-1CA, OR EQUAL
b. DUAL, 1" METERS AND BELOW DFW39F-12-1CA, OR EQUAL
c. 1.5" SINGLE METER DFW65C-14-1CA, OR EQUAL
d. 2" SINGLE METER DFW1730F-12-1CA, OR EQUAL
13. ALL WATER VALVE COVERS ARE TO BE PAINTED BLUE.
WASTEWATER
1. CURVILINEAR WASTEWATER DESIGN LAYOUT IS NOT PERMITTED.
2. MANDREL TESTING SHALL BE CONDUCTED AFTER THE FINAL BACKFILL HAS BEEN IN PLACE AT LEAST 30 DAYS.
3. MANHOLES SHALL BE COATED PER CITY OF AUSTIN SPL WW-511 (RAVEN 405 OR SPRAYWALL).
PENETRATIONS TO EXISTING WASTEWATER MANHOLES REQUIRE THE CONTRACTOR TO RECOAT THE ENTIRE MANHOLE IN ACCORDANCE WITH CITY OF AUSTIN STANDARD SPECIFICATIONS SECTION NO. 506.5.
4. RECLAIMED AND RECYCLED WATER LINE SHALL BE CONSTRUCTED OF "PURPLE PIPE." ALL RECLAIMED AND RECYCLED WATER VALVE COVERS SHALL BE SQUARE AND PAINTED PURPLE.
5. FORCE MAIN PIPES NEED TO HAVE SWEEPING WYES FOR JOINTS.

STREET AND DRAINAGE NOTES

1. THE CITY OF LEANDER 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. ALL SIDEWALKS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT AND TEXAS ACCESSIBILITY STANDARDS (TAS).
2. BACKFILL BEHIND THE CURB SHALL BE COMPACTED TO OBTAIN A MINIMUM OF 95% MAXIMUM DENSITY TO WITHIN 6" OF TOP OF CURB. MATERIAL USED SHALL BE PRIMARILY GRANULAR WITH NO ROCKS LARGER THAN 6" IN THE GREATEST DIMENSION. THE REMAINING 6" SHALL BE CLEAN TOPSOIL FREE FROM ALL CLODS AND SUITABLE FOR SUSTAINING PLANT LIFE.
3. A MINIMUM OF 6" OF TOPSOIL SHALL BE PLACED BETWEEN THE CURB AND RIGHT-OF-WAY AND IN ALL DRAINAGE CHANNELS EXCEPT CHANNELS CUT IN STABLE ROCK.
4. DEPTH OF COVER FOR ALL CROSSINGS UNDER PAVEMENT, INCLUDING GAS, ELECTRIC TELEPHONE, CABLE TV, ETC., SHALL BE A MINIMUM OF 36" BELOW SUBGRADE.
5. STREET RIGHT-OF-WAY SHALL BE GRADED AT A SLOPE OF 1/4" PER FOOT TOWARD THE CURB UNLESS OTHERWISE INDICATED.
6. ALL DRAINAGE PIPE IN PUBLIC RIGHT OF WAY OR EASEMENTS SHALL BE REINFORCED CONCRETE PIPE MINIMUM CLASS III OF TONGUE AND GROOVE OR O-RING JOINT DESIGN. CORRUGATED METAL PIPE IS NOT ALLOWED IN PUBLIC RIGHT OR WAY OR EASEMENTS.
7. THE CONTRACTOR MUST PROVIDE A PNEUMATIC TRUCK PER TxDOT SPEC FOR PROOF ROLLING.
8. ALL STRIPING, WITH THE EXCEPTION OF STOP BARS, CROSS WALKS, WORDS AND ARROWS, IS TO BE TYPE II (WATER BASED). STOP BARS, CROSS WALKS, WORDS AND ARROWS REQUIRE TYPE I THERMOPLASTIC.
9. MANHOLE FRAMES, COVERS, VALVES, CLEAN-OUTS, ETC. SHALL BE RAISED TO GRADE PRIOR TO FINAL PAVEMENT CONSTRUCTION.
10. A STOP BAR SHALL BE PLACED AT ALL STOP SIGN LOCATIONS.
11. THE GEOTECHNICAL ENGINEER SHALL INSPECT THE SUBGRADE FOR COMPLIANCE WITH THE DESIGN ASSUMPTIONS MADE DURING PREPARATION OF THE SOILS REPORT. ANY ADJUSTMENTS THAT ARE REQUIRED SHALL BE MADE THROUGH REVISIONS OF THE APPROVED CONSTRUCTION PLANS.
12. GEOTECHNICAL INVESTIGATION INFORMATION AND PAVEMENT RECOMMENDATIONS WERE PROVIDED BY ARM SOIL TESTING, LLC. PAVEMENT RECOMMENDATIONS ARE AS FOLLOWS:
a. PROVIDE RECOMMENDATIONS.
b. A TRAFFIC CONTROL PLAN, IN ACCORDANCE WITH THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CITY OF AUSTIN TRANSPORTATION CRITERIA MANUAL, CITY OF LEANDER STANDARD DETAILS AND TEXAS DEPARTMENT OF TRANSPORTATION CRITERIA, SHALL BE SUBMITTED TO THE CITY OF LEANDER FOR REVIEW AND APPROVAL PRIOR TO ANY PARTIAL OR COMPLETE ROADWAY CLOSURES. TRAFFIC CONTROL PLANS MUST BE SITE SPECIFIC AND SIGNED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER.
14. ALL LANE CLOSURES SHALL OCCUR ONLY BETWEEN THE HOURS OF 9 AM AND 4 PM UNLESS OTHERWISE NOTED ON THE PLANS. ANY NIGHTTIME LANE CLOSURES REQUIRE APPROVAL OF THE CITY ENGINEER AND SHALL OCCUR BETWEEN THE HOURS OF 8 PM AND 6 AM. LANE CLOSURES OBSERVED BY THE CITY DURING PEAK HOURS OF 6 AM TO 9 AM OR 4 PM TO 8 PM WILL BE SUBJECT TO A FINE AND/OR SUBSEQUENT ISSUANCE OF WORK STOPPAGE.
15. TEMPORARY ROOF CRUSHING IS NOT ALLOWED. ALL SOURCES OF FLEXIBLE BASE MATERIAL ARE REQUIRED TO BE APPROVED BY THE CITY. PRIOR TO BASE PLACEMENT ALL CURRENT TRIAXIAL TEST REPORTS FOR PROPOSED STOCK PILES ARE TO BE SUBMITTED TO THE CITY CONSTRUCTION INSPECTOR FOR REVIEW AND APPROVAL.
16. AT ROAD INTERSECTIONS THAT HAVE A VALLEY CUTTER, THE CROWN TO THE INTERSECTING ROAD WILL BE CULMINATED AT A DISTANCE OF 40 FEET FROM THE INTERSECTING CURB LINE UNLESS OTHERWISE NOTED.
17. NO PONDING OF WATER SHALL BE ALLOWED TO COLLECT ON OR NEAR THE INTERSECTION OF PRIVATE DRIVEWAYS AND PUBLIC STREETS. RECONSTRUCTION OF THE DRIVEWAY APPROACH SHALL BE AT THE CONTRACTOR'S EXPENSE.
18. ALL DRIVEWAY APPROACHES SHALL HAVE A UNIFORM TWO PERCENT SLOPE WITHIN THE PUBLIC RIGHT OF WAY UNLESS APPROVED IN WRITING BY THE ENGINEERING DEPARTMENT.
19. IMPROVEMENTS THAT INCLUDE RECONSTRUCTION OF AN EXISTING TYPE II DRIVEWAY SHALL BE DONE IN A MANNER WHICH RETAINS OPERATIONS OF NOT LESS THAN HALF OF THE DRIVEWAY TO REMAIN OPEN AT ALL TIMES. FULL CLOSURE OF SUCH DRIVEWAY CAN BE CONSIDERED WITH WRITTEN AUTHORIZATION OBTAINED BY THE CONTRACTOR FROM ALL PROPERTY OWNERS AND ACCESS EASEMENT RIGHT HOLDERS ALLOWING THE FULL CLOSURE OF THE DRIVEWAY.
20. CONTRACTOR MUST CLEAR FIVE (5) FEET BEYOND ALL PUBLIC RIGHT OF WAY TO PREVENT FUTURE VEGETATIVE GROWTH INTO THE DRIVEWAY AREA.
21. SLOPE OF NATURAL GROUND ADJACENT TO THE PUBLIC RIGHT OF WAY SHALL NOT EXCEED 3:1 SLOPE. IF A 3:1 SLOPE IS NOT POSSIBLE, SLOPE PROTECTION OR RETAINING WALL MUST BE SUBMITTED TO THE CITY FOR REVIEW AND APPROVAL PRIOR TO FINAL ACCEPTANCE.
22. THERE SHALL BE NO WATER, WASTEWATER OR DRAINAGE APPURTENANCES, INCLUDING BUT NOT LIMITED TO VALVES, FITTINGS, METERS, CLEAN-OUTS, MANHOLES, OR VAULTS IN ANY DRIVEWAY, SIDEWALK, TRAFFIC OR PEDESTRIAN AREA.
23. PUBLIC SIDEWALKS SHALL NOT USE CURB INLETS AS PARTIAL WALKING SURFACE. SIDEWALKS SHALL NOT USE TRAFFIC CONTROL BOXES, METERS, CHECK VALVE VAULTS, COMMUNICATION VAULTS, OR OTHER BURIED OR PARTIALLY BURIED INFRASTRUCTURE AS A VEHICULAR OR PEDESTRIAN SURFACE.
24. ALL WET UTILITIES SHALL BE INSTALLED AND ALL DENSITIES MUST HAVE PASSED INSPECTION(S) PRIOR TO THE INSTALLATION OF DRY UTILITIES.
25. DRY UTILITIES SHALL BE INSTALLED AFTER SUBGRADE IS CUT AND BEFORE THE FIRST COURSE OF BASE. NO TRENCHING COMPACTED BASE. IF NECESSARY DRY UTILITIES INSTALLED AFTER FIRST COURSE BASE SHALL BE BORED ACROSS THE FULL WIDTH OF THE PUBLIC RIGHT-OF-WAY.
26. A MINIMUM OF SEVEN (7) DAYS OF CURE TIME IS REQUIRED FOR HMA/C PRIOR TO THE INTRODUCTION OF VEHICULAR TRAFFIC TO ALL STREETS.

LIGHT DUTY - 5" CONCRETE 6" CRUSHED LIMESTONE BASE
HEAVY DUTY - 7" CONCRETE 8" CRUSHED LIMESTONE BASE

TRENCH SAFETY NOTES

1. TRENCH SAFETY SYSTEMS TO BE UTILIZED FOR THIS PROJECT ARE DESCRIBED IN ITEM 509S
2. TRENCH SAFETY SYSTEMS OF THE CITY OF AUSTIN STANDARD SPECIFICATIONS AND SHALL BE IN ACCORDANCE WITH THE LAWS OF THE STATE OF TEXAS AND THE U.S. OCCUPATION SAFETY AND HEALTH ADMINISTRATION REGULATIONS.

GRADING NOTES

1. POSITIVE DRAINAGE SHALL BE MAINTAINED ON ALL SURFACE AREAS WITHIN THE SCOPE OF THIS PROJECT. CONTRACTOR SHOULD TAKE PRECAUTIONS NOT TO ALLOW ANY PONDING OF WATER.
2. THE CONTRACTOR SHALL CONSTRUCT EARTHEN EMBANKMENTS WITH SLOPES NO STEEPER THAN 3:1 AND COMPACT SOIL TO 95% OF MAXIMUM DENSITY IN ACCORDANCE WITH THE CITY OF AUSTIN STANDARD SPECIFICATIONS.
3. AREAS OF SOIL DISTURBANCE ARE LIMITED TO GRADING AND IMPROVEMENTS SHOWN. ALL OTHER AREAS WILL NOT BE DISTURBED.

BENCHMARK NOTES

THE BASIS OF ELEVATIONS SHOWN HEREON IS NAVD83(2018).

BENCHMARK 50: SQUARE CUT ON NORTHEAST CORNER OF CONCRETE CURB INLET APPROXIMATELY 33 FEET SOUTH OF MIDDLE BROOK DR. CENTERLINE AND APPROXIMATELY 26 FEET WEST OF N. BAGDAD RD. CENTERLINE. ELEVATION=1017.73'

BENCHMARK 51: SQUARE CUT ON NORTHWEST CORNER OF CONCRETE CURB INLET APPROXIMATELY 534 FEET NORTH OF MIDDLE BROOK DR. CENTERLINE AND APPROXIMATELY 33 FEET WEST OF N. BAGDAD RD. CENTERLINE. ELEVATION=1001.57'

TCEQ-0592A (REV. JULY 15, 2015)

PAGE 2 OF 2

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

CONTRIBUTING ZONE PLAN

GENERAL CONSTRUCTION NOTES

EDWARDS AQUIFER PROTECTION PROGRAM CONSTRUCTION NOTES - LEGAL DISCLAIMER

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

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

AUSTIN REGIONAL OFFICE
12100 PARK 36 CIRCLE, BUILDING A
AUSTIN, TEXAS 78753-1808
PHONE (512) 339-2929
FAX (512) 339-3795

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

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

APPROVED BY:

MARK	REVISION	BY	CK'D	DATE

CRD GROUP, LLC
COMMERCIAL, RESIDENTIAL, DESIGN
P.O. BOX 99988

11508 DK RANCH ROAD
Austin, Texas 78759
T-512-346-7030
F-512-346-0920

Austin, Texas

DRAWN BY:
DESIGNED BY:
MC
LATEST REVISION:
CRD PROJECT NO.:

BAGDAD RETAIL OUTLET
1067 N BAGDAD ROAD DRIVE
LEANDER, TX 78641

PROJECT NAME:

CITY OF LEANDER
GENERAL NOTES

SHEET NAME:

3/1/25

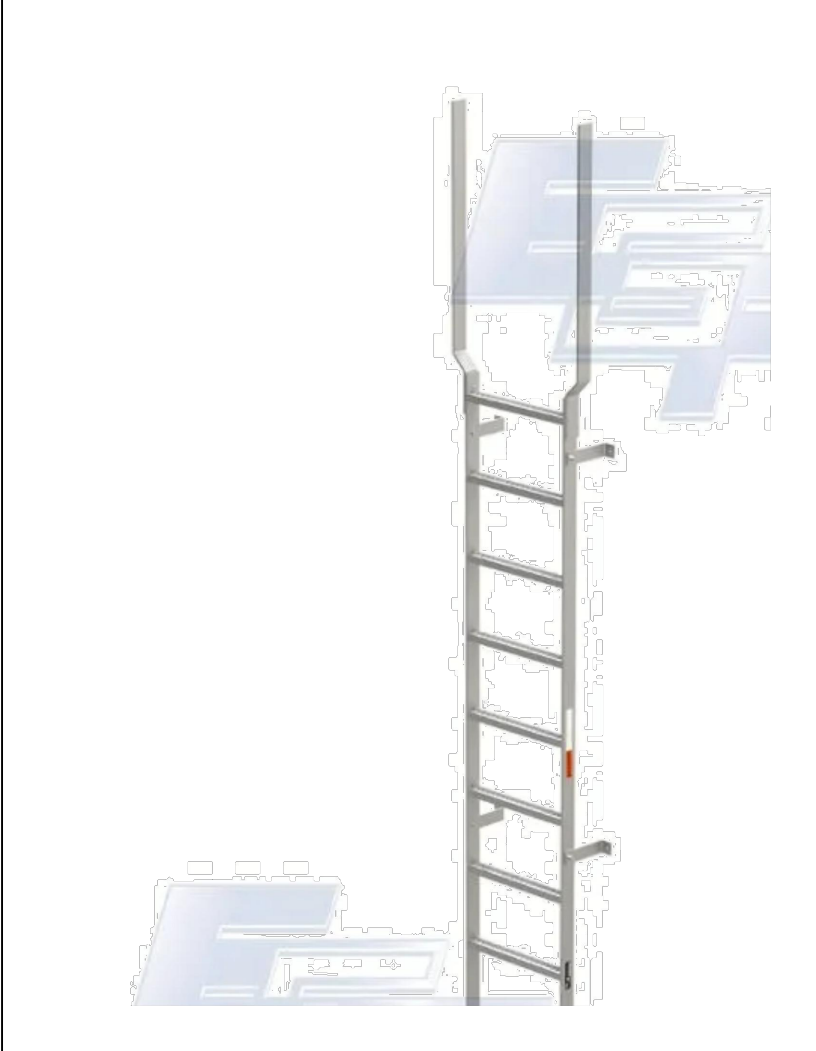
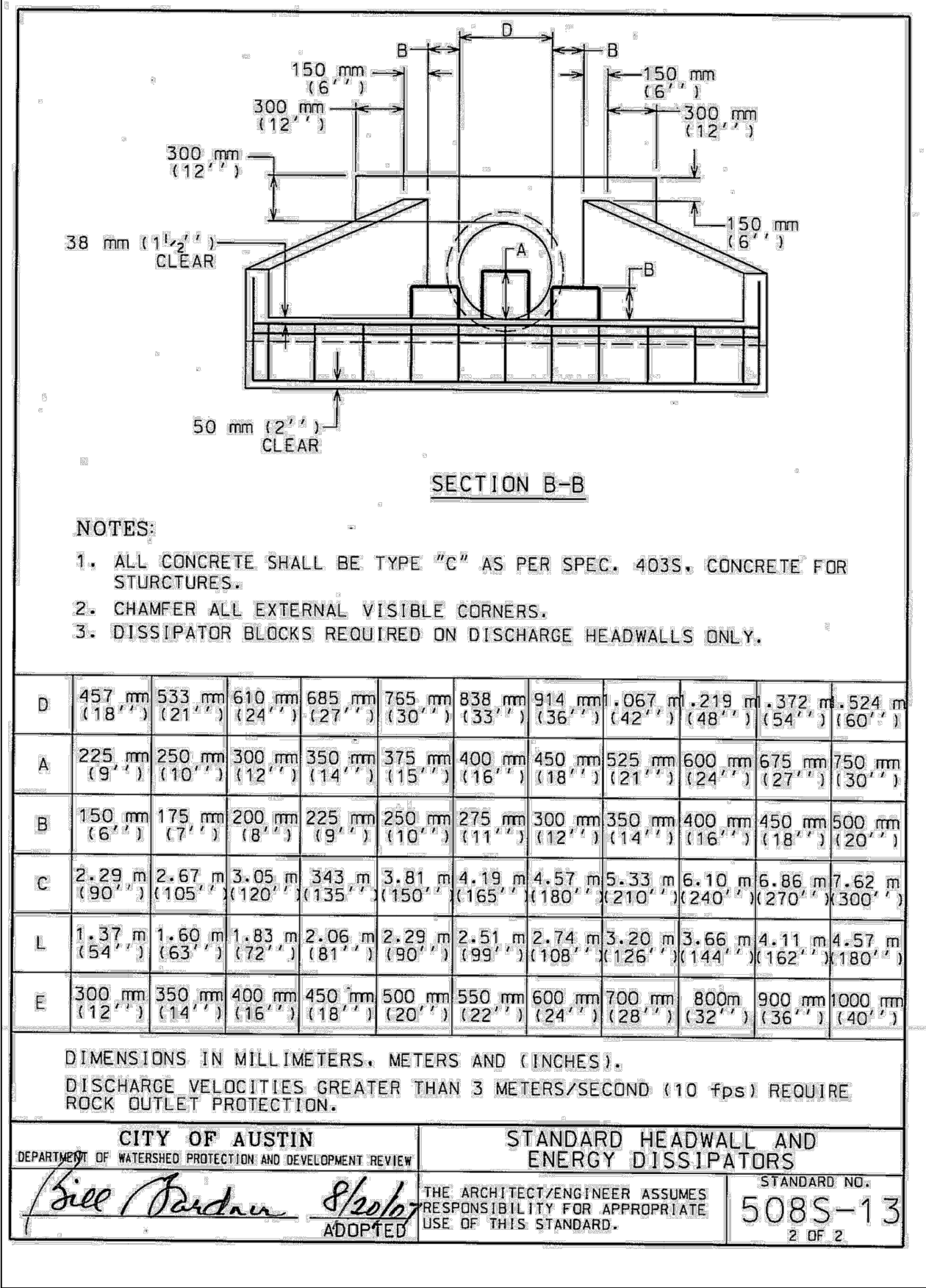
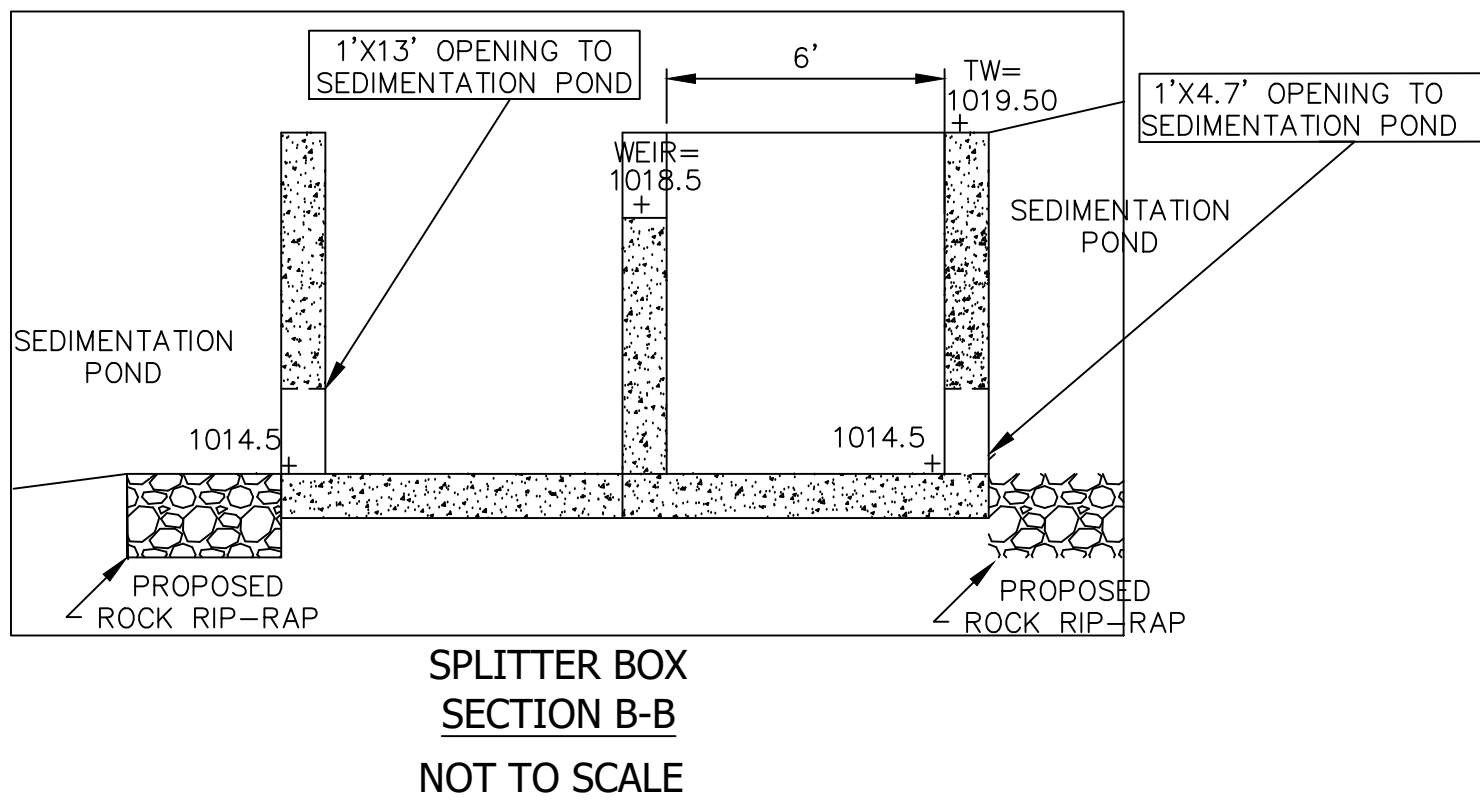
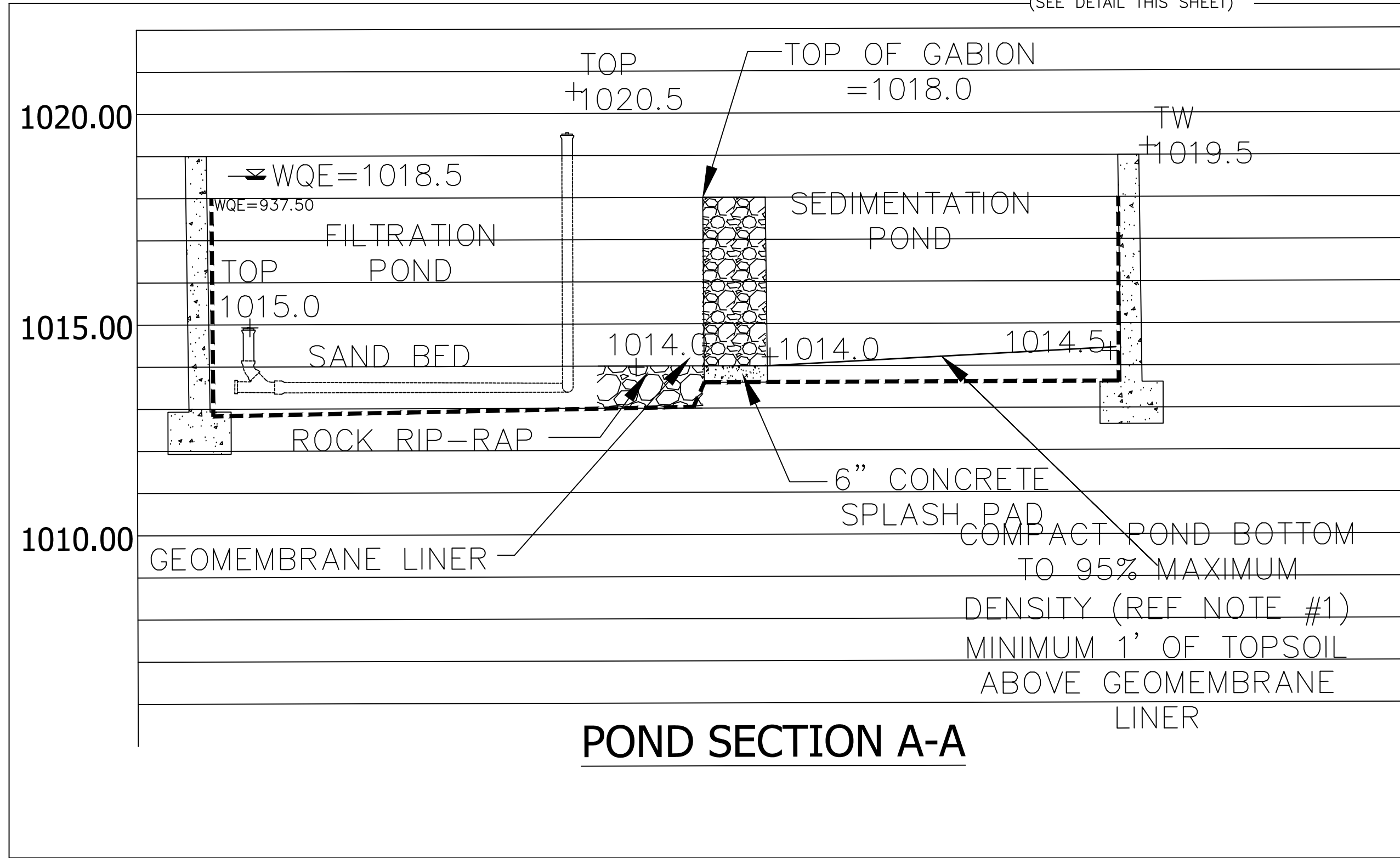
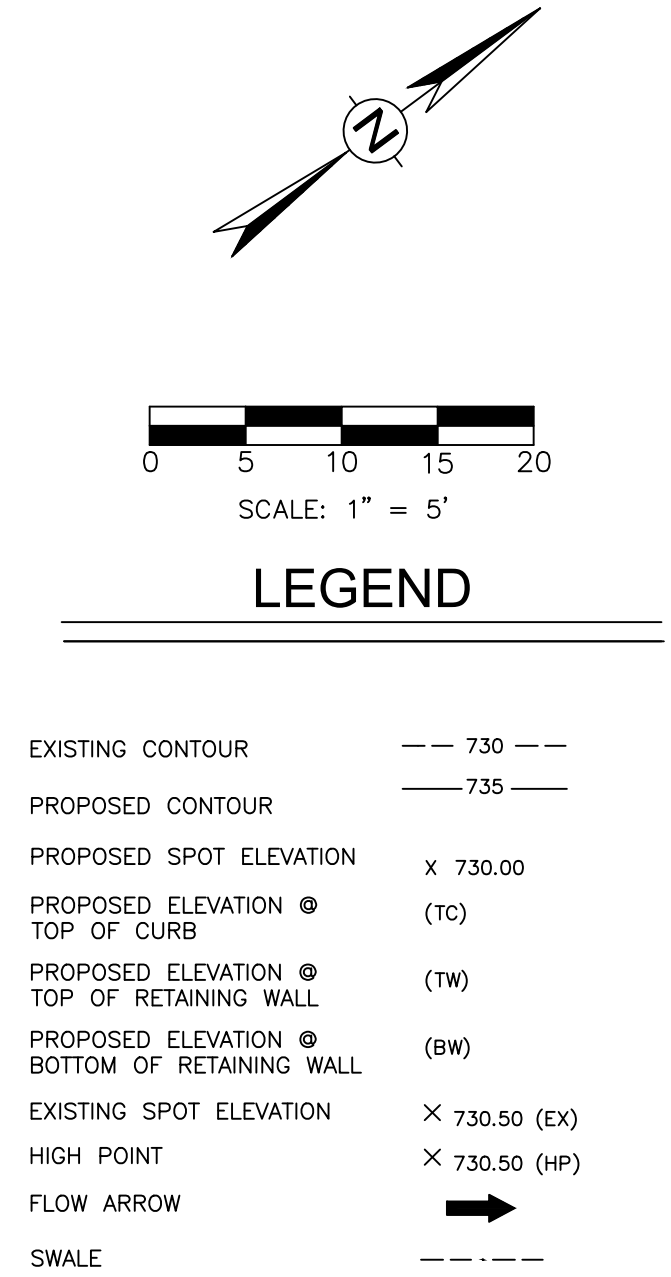
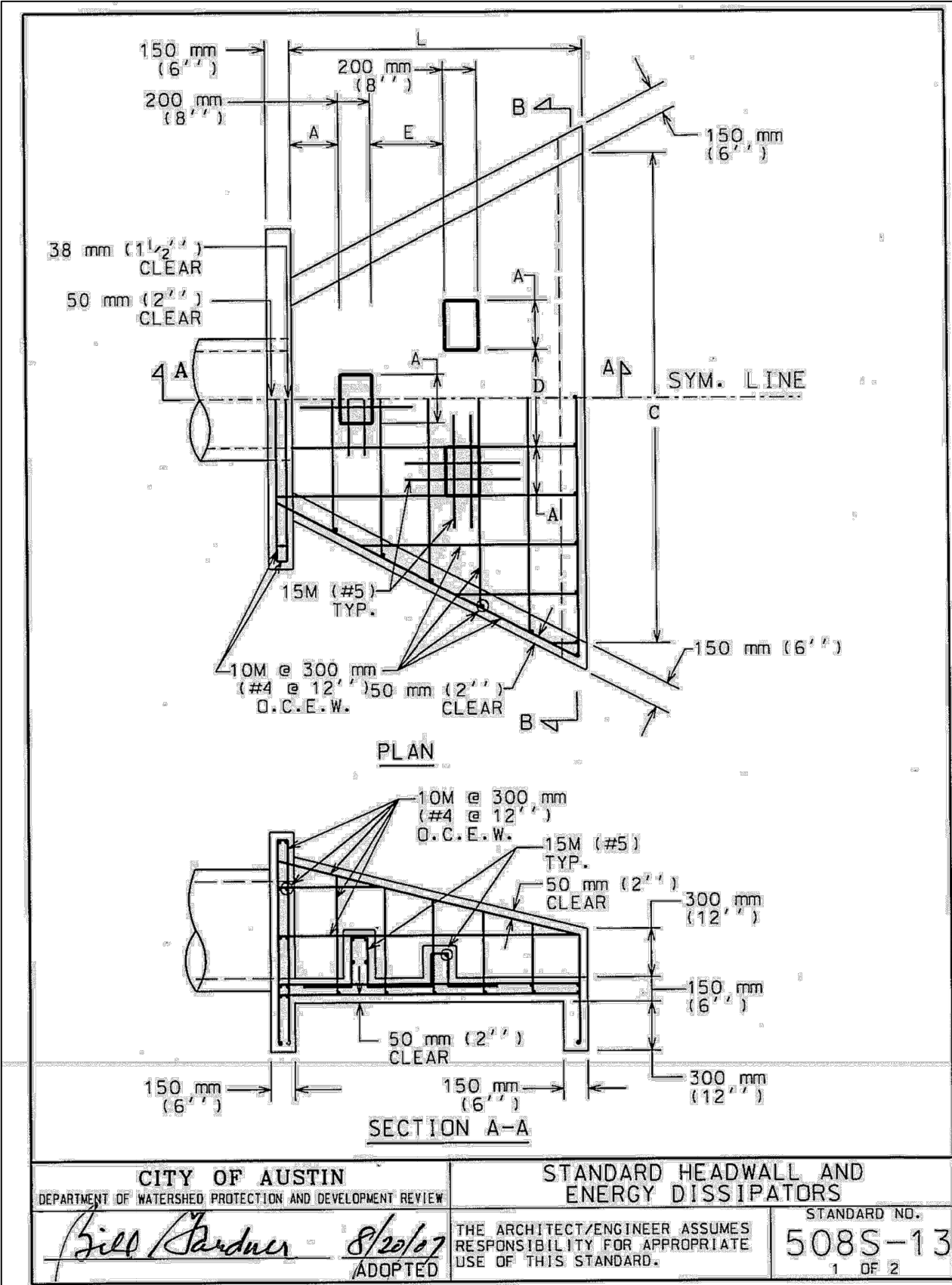
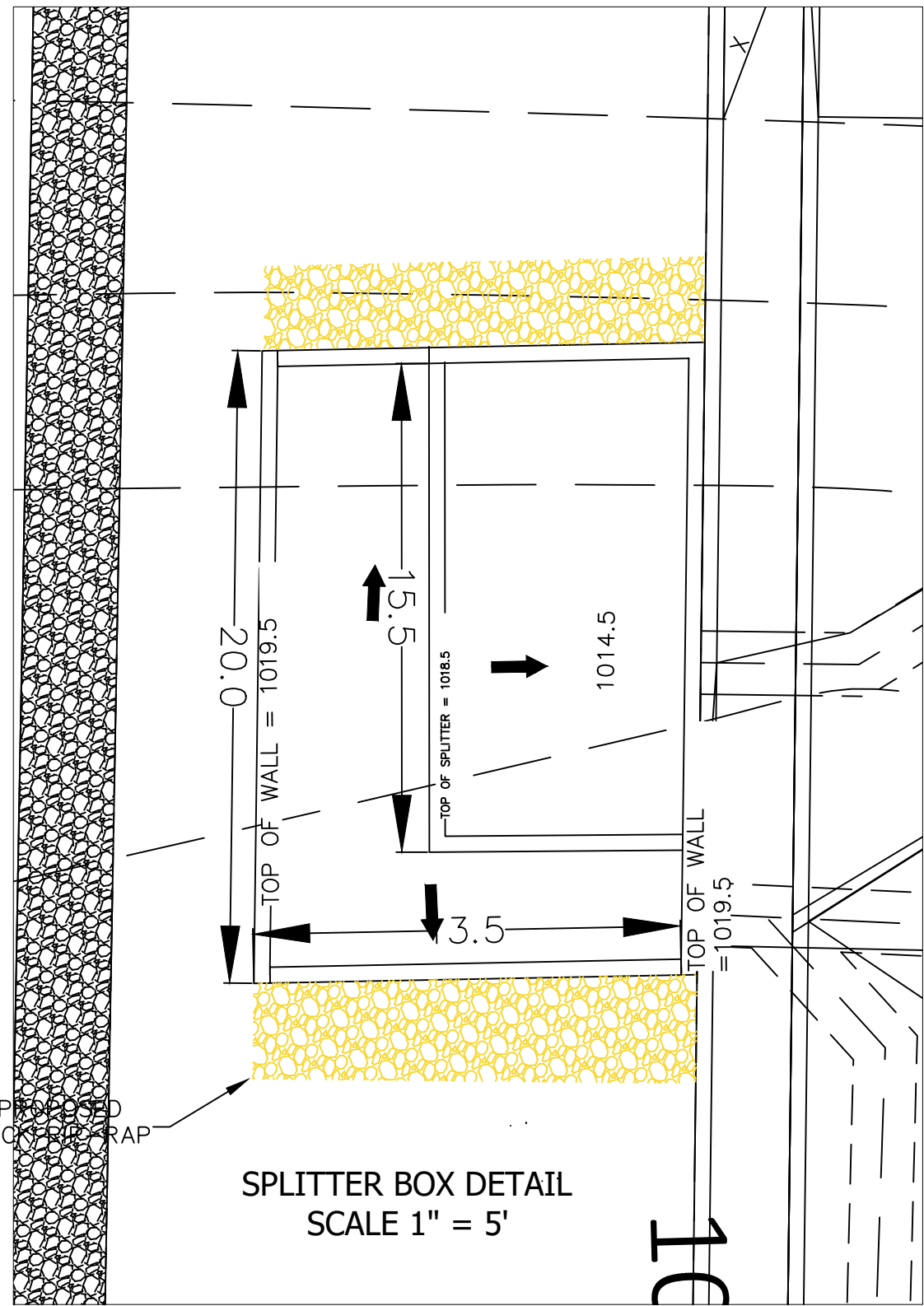
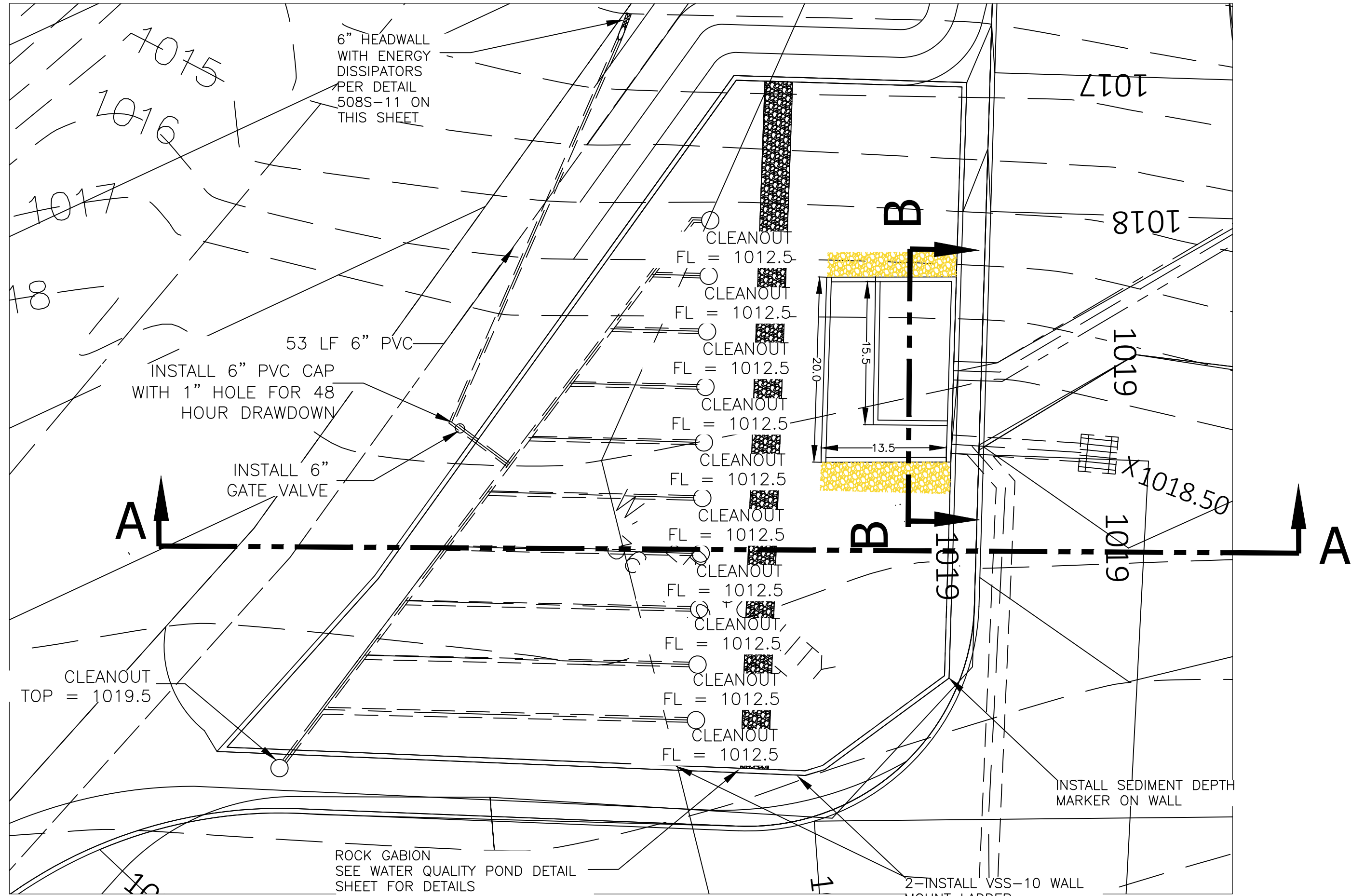
STATE OF TEXAS
MICHAEL R. CHAPA
91721
LICENSED PROFESSIONAL ENGINEER

SEAL:

FULL SCALE DRAWING SCALE:
VERTICAL
HORIZONTAL
11"x17" DRAWING SCALE:
VERTICAL
HORIZONTAL
PLOT DATE: March 9, 2025
FILE NAME:

SHEET NO.

2
27
OF



WATER QUALITY POND NOTES

- ALL POND BOTTOMS SHALL BE COMPACTED TO NINETY-FIVE (95) PERCENT MAXIMUM DENSITY, IN ACCORDANCE WITH THE CITY OF AUSTIN STANDARD SPECIFICATIONS.
- EXPANSION JOINTS ON THE FREE STANDING WALLS SHALL HAVE WATER TIGHT SEALS AS NEEDED
- ALL EXPOSED CONCRETE THAT IS VISIBLE IS REQUIRED TO BE MADE OF STONE OR CLAD IN STONE INCLUDING BUT NOT LIMITED TO LEDGESTONE, FIELDSTONE, CAST STONE, OR OTHER DECORATIVE MATERIALS SUCH AS STAMPED AND TINTED CONCRETE THAT RESEMBLES STONE OR BRICK AS APPROVE BY THE DIRECTOR OF PLANNING. ALL OTHER EXPOSED CONCRETE IS REQUIRED TO BE 4 MADE OF STONE OR CLAD IN STONE AS LISTED ABOVE OF TEXTURED IN EARTHEN COLORS.
- A STEEL PLATE WILL BE BROUGHT IN AS NEEDED FOR MAINTENANCE ACCESS.

MARK	REVISION	BY	CHK'D	DATE

CRD GROUP, LLC

COMMERCIAL/RESIDENTIAL DESIGN

T.O.P.C. FIRM #0008

11508 DK RANCH ROAD

Austin, Texas 78759

F-512.346.7030

F-512.346.0520

Austin, Texas

DRAWN BY:	
DESIGNED BY:	MC
LATEST REVISION:	
CRD PROJECT NO.:	

BAGDAD RETAIL OUTLET

1067 N BAGDAD ROAD DRIVE

LEANDER, TX 78641

PROJECT NAME:

WATER QUALITY POND

PLAN & PROFILE

SHEET NAME:

STATE OF TEXAS

3/1/25

MICHAEL R. CHAPA

91724

LICENSED PROFESSIONAL ENGINEER

SEAL:

FULL SIZE DRAWING SCALE:	
VERTICAL	
HORIZONTAL	
11"x17" DRAWING SCALE:	
VERTICAL	
HORIZONTAL	
PLOT DATE:	Mar 8/9/2025
FILE NAME:	1:47:43 PM

SHEET NO.

15

27

OF

GENERAL SOURCE CONTROLS

PART 1 - GENERAL

1.1 Description

This item describes erosion and sedimentation control related practices that must be utilized during construction activities.

1.2 Related Work

Related work as called for on the construction plan/profile sheets or specified elsewhere in this or other Technical Specifications.

PART 2 - PRODUCTS

Provide materials specified in PART 3.

PART 3 - EXECUTION

3.1 General

- A. Contractor shall prohibit all equipment and vehicles from maneuvering in areas outside the dedicated rights-of-way and easements for construction. Damage caused by construction traffic to erosion and sedimentation control systems shall be repaired immediately at the expense of the Contractor.
- B. Conduct all construction operations under this Contract in conformance with the erosion control practices described in this document.

3.2 Topsoiling for Erosion and Sedimentation Control Systems

- A. When topsoiling is called for as a component of another Item, conduct erosion control practices described in this Item during the topsoiling operation.
 - 1. When topsoiling, maintain erosion and sedimentation control systems such as swales, grade stabilization structures, berms, dikes, waterways, and sediment basins.
 - 2. Maintain grades that have been previously established on areas to be topsoiled.
 - 3. After the areas to be topsoiled have been brought to grade, and immediately prior to dumping and spreading the topsoil, the subgrade shall be loosened by disking or by scarifying to a depth of at least two inches to permit bonding of the topsoil to the subsoil. Compact soil by passing a bulldozer up and down the slope, tracking over the entire surface area of the slope to create horizontal erosion control slots.

3.3 Dust Control

- A. Control dust blowing and movement on construction sites and roads to prevent exposure of soil surfaces, to reduce on-site and off-site damage, to prevent health hazards, and to improve traffic safety.
- B. Control dust blowing by utilizing one or more of the following methods.
 - 1. Establishment of temporary vegetative cover.
 - 2. Tillage to roughen surface and bring clods to the surface.

3. Irrigation by water sprinkling.
 4. Utilization of barriers such as solid board fences, snow fences, burlap fences, crate walls, bales of hay, or similar materials.
- C. Dust control methods shall be implemented immediately whenever dust is observed blowing over the project site.

3.4 Equipment Maintenance and Repair

Care shall be taken during all repair and maintenance operations to prevent potential pollutants from coming into contact with or washing into streams or conveyance systems. Temporary waste disposal receptacles shall be provided.

3.5 Measurement and Payment

No separate payment shall be made for work performed under this Item. Include the cost of this work in Contract prices bid for items of which this work is a component.

APPENDIX C

NOTICE OF INTENT & NOTICE OF TERMINATION



Notice of Intent (NOI) for Storm Water Discharges Associated with Construction Activity under the TPDES General Permit

TCEQ Office Use Only

TPDES Permit Number: TXR15|_|_|_|_|

GIN Number: |_|_|_|_|_|_|_|_|

Fee Receipt No. _____

IMPORTANT:

- Use the attached **INSTRUCTIONS** when completing this form.
- After completing this form, use the attached **CUSTOMER CHECKLIST** to make certain all items are complete and accurate.
- Missing, illegible, or inaccurate items may delay final acknowledgment or coverage under the general permit.

Application Fee: You must submit the \$100 NOI Application Fee to TCEQ under separate cover (see instructions) using the attached Application Fee submittal form. (DO NOT SEND A COPY OF THE NOI WITH THE APPLICATION FEE SUBMITTAL FORM)

Tell us how you paid for this fee:

Check/Money Order No.:

Name Printed on Check:

A. OPERATOR

1. TCEQ Issued Customer Number (CN) (if available):

2. Legal Name (spelled exactly as filed with the Texas Secretary of State, County, or legal document that was used in forming the entity):

3. Mailing Address:

Suite No./Bldg.No.:

City:

State:

ZIP Code:

4. Phone No.: () -

Extension:

5. FAX No.

E-mail Address:

6. Type of Operator:

Individual

Sole Proprietorship-D.B.A.

Partnership

Corporation

Federal Government

State Government

County Government

City Government

Other: _____

7. Independent Operator: **G** Yes **G** No (If governmental entity or a subsidiary or part of a larger corporation, check "NO")8. Number of Employees: **G** 0-20; **G** 21-100; **G** 101-250; **G** 251-500; or **G** 501 or higher

9. Business Tax and Filing Numbers (not applicable to Individuals, Government, General Partnerships, and Sole Proprietorship-D.B.A.):

State Franchise Tax ID Number: _____ Federal Tax ID: _____

TX SOS Charter (filing) Number: _____ DUNS Number: _____ (If known)

B. BILLING ADDRESS (The Operator is responsible for paying the annual fee.)

G Same As Operator (check if address is the same, then proceed with Section C.)

1. Billing Mailing Address:

Suite No./Bldg.No.:

City:

State:

ZIP Code:

2. Billing Contact (Attn or C/O):

3. Country Mailing Information (if outside USA) Territory:

Country Code:

Postal Code:

4. Phone No.: () -

Extension:

5. FAX No.

E-mail Address:

G. CERTIFICATION

I, _____
Typed or printed name *Title (Required)*

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

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

Signature: _____ Date: _____
(Use Blue Ink)

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.

Have you also mailed your check and Payment Submittal Form to the Cashier's office? Go to the end of this document for the Payment Submittal Form.

Customer GP TXR150000 Notice of Intent Checklist	
√	This checklist is for use by the operator to ensure a complete application. Missing information may result in denial of coverage under the general permit. (See NOI Process description in the Instructions)
	Application Fee was sent to TCEQ's Financial Administration and the check information is listed.
√	OPERATOR INFORMATION - Confirm each item is complete: Customer Number issued by TCEQ Central Registry (if you have it) Legal Name as filed to do business in Texas (Call TX SOS 512/463-5555) Operator Mailing Address is complete & verifiable with USPS. www.usps.com Phone Numbers/E-mail Type of Operator (Entity Type) Independent Operator Number of Employees For Corporations or Limited Partnerships - Tax and Filing numbers
	Billing Address is complete & verifiable with USPS. www.usps.com
	Application Contact - a contact person for TCEQ to call is listed
√	REGULATED ENTITY (RE) INFORMATION - Confirm each item is complete: Regulated Entity Reference Number (RN) (if you have it) Site/Project Name/Regulated Entity Site/Project (RE) Physical Address Please do not use a rural route or post office box for a site location Latitude and Longitude http://www.tnrc.state.tx.us/gis/drgview.html or www.teraserver.microsoft.com/advfind.aspx . Standard Industrial Classification (SIC) code http://www.osha.gov/oshstats/sicser.html and business description Indian Country Lands - your answer was NO Site Mailing Address (checked same as operator or gave a complete & verifiable with USPS. www.usps.com)
√	GENERAL CHARACTERISTICS - Confirm each item is complete: Pollution Prevention Plan (PPP) must be "Yes" Area of Land Disturbed (nearest acre) MS4 Operator, Receiving Water Body or Segment
	CERTIFICATION Signature meets 30 Texas Administrative Code (TAC) §305.44 and is original.



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

General Information and Instructions

GENERAL

INFORMATION

Where to Send the Notice of Intent (NOI):

BY REGULAR U.S. MAIL

Texas Commission on Environmental Quality
Storm Water & Pretreatment Team; MC-228
P.O. Box 13087
Austin, Texas 78711-3087

BY OVERNIGHT/EXPRESS MAIL

Texas Commission on Environmental Quality
Storm Water & Pretreatment Team; MC-228
12100 Park 35 Circle
Austin, TX 78753

It is recommended that the NOI be mailed using a method that documents the date mailed.

TCEQ Contact list:

Application Processing Questions relating to the status and form requirements:	512/239-3700 & E-mail at "swpermit@tceq.state.tx.us"
Technical Questions relating to the general permit:	512/239-4671
Environmental Law Division:	512/239-0600
Central Records for obtaining copies of forms submitted to TCEQ:	512/239-0900
Information Services for obtaining reports from program data bases(as available):	512/239-DATA (3282)
Financial Administration's Cashier's office for receipt of payment:	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:

1. Administrative Review: Each item on the form will be reviewed for a complete response. In addition, the operator's legal number must be verified with Texas Secretary of State as valid and active (when applicable). The address on the form must be verified with the US Postal service as an address receiving regular mail delivery (never give an overnight/express mailing address).
 2. 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; and if complete,
 3. Acknowledge Coverage: We will mail an Acknowledgment Certificate to the operator. This certificate acknowledges coverage under the general permit.
- or-
- Denial of Coverage: If the operator fails to respond to the NOD, we may deny coverage under the general permit. If coverage is denied, we will notify the operator.

General Permit (Your Permit)

Provisional coverage under the general permit begins two days following the date that the NOI was postmarked. You should have a copy of the general permit when submitting your application. You may view and print the general permit for which you are seeking coverage on the TCEQ web site www.tceq.state.tx.us.

General Permit Forms

The Notice of Intent and Notice of Termination forms (with instructions) are available in Adobe Acrobat PDF format on the TCEQ web site www.tceq.state.tx.us.

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.

Notice of Change

A Notice of Change letter must be submitted with supplemental or corrected information within 14 days following the time when the operator becomes aware that it failed to submit any relevant facts or incorrect information in the NOI; or the time when relevant facts in the NOI change (i.e. addresses, or phone numbers).

Notice of Termination

A permittee shall terminate coverage under this general permit through the submittal of a NOT when the operator or owner of the facility changes, the discharge becomes authorized under an individual permit, or the use of the property changes and is no longer subject to regulation under this general permit.

TCEQ Central Registry Core Data Form

The Core Data Form has been incorporated into this form. Do not complete and attach a core data form when submitting this application. After final acknowledgment of coverage under the general permit, the program will transfer the core data to the agency Central Registry for assignment of a Customer Number and Regulated Entity Number. You can find this information on our web site at www.tceq.state.tx.us, where you can query the Central Registry under the regulated entity number, or by your permit number under the search field labeled "Additional ID".

Fees are associated with a General Permit

The general permit refers to two different fees that apply to operators required to submit a Notice of Intent (NOI). Payment of the fees may be made by check or money order, payable to TCEQ.

BY REGULAR U.S. MAIL

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

BY OVERNIGHT/EXPRESS MAIL

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

Application Fee: This is a fee that is required to be paid at the time the NOI is submitted. Failure to submit the payment at the time the application is filed will cause delays in acknowledging coverage or denial of cover under the general permit. This payment must be submitted separately using the Payment Submittal Form. If submitting one check or money order for multiple NOI's, list each site name and location exactly as provided on the NOI.

Annual Water Quality Fee: This is a fee that is assessed to operators with an active authorization under the general permit on September 1 of each year. The operator will receive an invoice for payment of the annual fee in November of each year. The payment will be due 30 days from the invoice date. A 5% penalty will be assessed if the payment is received by TCEQ after the due date. Annual fee assessments cannot be waived as long as the authorization under the general permit is active on September 1. It's important for the operator to submit a Notice of Termination (NOT) when coverage under the general permit is no longer required. A NOT is effective on the postmarked date of mailing the form to TCEQ. It is recommended that the NOT be mailed using a method that documents the date mailed.

INSTRUCTIONS FOR FILLING OUT THE FORM

A. OPERATOR (As defined in the general permit.)**1. TCEQ Issued 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 this customer has not been assigned a Customer Reference Number, leave the space for the Customer Reference Number blank.
- If this customer has already been assigned this number, enter the operator's Customer Reference Number in the space provided.

2. Legal Name

Provide the legal name of the facility operator, as authorized to do business in Texas. The name must be provided exactly as filed with the Texas Secretary of State (SOS), or on other legal document 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. If filed in the county where doing business, provide a copy of the legal documents showing the legal name.

3. Operator Mailing Address

Provide a complete mailing address for this customer to receive mail from the TCEQ. The address must be verifiable with the US Postal Service at www.usps.com for regular mail delivery (not overnight express mail). If you find that the address is not verifiable using the USPS web search, please indicate the address is used by the USPS for regular mail delivery.

If this is a street address, please follow US Postal Service standards. In brief, these standards require this information in this order:

- # the “house” number—for example, the 1401 in
1401 Main St
- # if there is a direction before the street name, the one- or two-letter abbreviation of that direction (N, S, E, W, NE, SE, SW, or NW)
- # the street name (if a numbered street, do not spell out the number—for example, 6th St, not Sixth St)
- # an appropriate abbreviation of the type of street—for example, St, Ave, Blvd, Fwy, Exwy, Hwy, Cr, Ct, Ln
- # if there is a direction after the street name, the one- or two-letter abbreviation of that direction (N, S, E, W, NE, SE, SW, or NW)
- # if there is a room number, suite number, or company mail code

City, State, and ZIP Code

Enter the name of the city, the two-letter USPS abbreviation for the state (for example, TX), and the ZIP Code. (Enter the full ZIP+4 if you know it.)

Country Mailing Information

If this address is *outside* the United States, enter the territory name, country code, and any non-ZIP mailing codes or other non-U.S. Postal Service features here. If this address is *inside* the United States, leave these spaces blank.

Operator Electronic Communications

4. Phone Number

This number should correspond to this customer’s mailing address given earlier. Enter the area code and phone number here. Leave “Extension” blank if this customer’s phone system lacks this feature.

5. Fax Number and E-mail Address

This number and E-mail address should correspond to operator’s mailing address given earlier. (Optional Information)

6. Type of Operator

Check only one box that identifies the type of entity. Use the descriptions below to identify the appropriate entity type:

Individual	is a person and has not established a business to do whatever causes them to be regulated by us.
Sole Proprietorship— D.B.A.	is a business that is owned by only one person and has not been incorporated. This business may: <ul style="list-style-type: none">• be under the person’s name• have its own name (“doing business as,” or d.b.a.)• have any number of employees
Partnership	is a business that is established as a partnership as defined by the Texas Secretary of State’s Office.
Corporation	meets all of these conditions: <ul style="list-style-type: none">• is a legally incorporated entity under the laws of any state or country• is recognized as a corporation by the Texas Secretary of State• has proper operating authority to operate in Texas.
Federal, state, county, or city government (as appropriate)	is either an agency of one of these levels of government or the governmental body itself.
Other	fits none of the above descriptions. Enter a short description of the type of customer in the blank provided.

7. Independent Operator

Check “No” if this customer is a subsidiary, part of a larger company, or is a governmental entity. Otherwise, check “Yes.”

8. 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 this NOI.

9. 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 this number here.
Federal Tax ID	All businesses, except for some small sole proprietors, should have a federal taxpayer identification number (TIN). Enter this number here. Use no prefixes, dashes, or hyphens. Individuals and sole proprietors 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 or www.sos.state.tx.us
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.
B. BILLING ADDRESS An annual fee is assessed to an operator holding an active authorization under the general permit September 1 of each year. Provide the complete mailing address where the annual fee invoice should be mailed. Verify the address with the USPS ensuring it to be an address for delivery of regular mail (not overnight express mail). Also, provide a phone number of the office responsible for payment of the invoice. The operator is the responsible billing client for payment of annual fee.	
C. APPLICATION CONTACT Provide the name, title and communication information of the person that TCEQ can contact for additional information regarding this application.	
D. REGULATED ENTITY (RE) INFORMATION ON PROJECT OR SITE	
1. Regulated Entity Reference Number (RN) This is a number issued by TCEQ's Central Registry to sites regulated by TCEQ (a location where a regulated activity occurs). This is not a permit number, registration number, or license number. <ul style="list-style-type: none"> If this Regulated Entity has not been assigned a Regulated Entity Number, leave the space for the Regulated Entity Number blank. If this customer has already been assigned this number, enter the operator's Regulated Entity Number. 	
2. Site/Project Name/Regulated Entity Provide the name of the site 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. A regulated entity number will be assigned by Central Registry, if this is a new site (not currently regulated by TCEQ).	
3. Site/Project (RE) Physical Address Enter the complete address of where the site is located. This address must be validated through US Postal Service or your local police (911 service) as a valid address. Please confirm this to be a complete and valid address. In some rural areas, new addresses are being assigned to replace rural route addresses. Please do not use a rural route or post office box for a site location. Provide the county, city and ZIP code of the area where the project/site is located. This information is required to complete the processing of your form.	
4. No Physical Address If a site does not have an actual physical address that includes a street (or house) number and street name, enter NO ADDRESS for the street name. Then provide a complete written location access description. <i>For example:</i> "The site is located 2 miles west from intersection of Hwy 290 & IH35, locate on the southwest corner of the Hwy 290 South bound lane." For projects/sites that includes a large project area, describe the project. <i>For example:</i> "State Highway 45 road project between Highway 620 and IH 35."	

5. Latitude and Longitude

Enter the latitude and longitude of the site in either degrees, minutes, and seconds or decimal form. For help obtaining the latitude and longitude, go to: <http://www.tnrc.state.tx.us/gis/drgview.html> or www.terraservert.microsoft.com/advfind.aspx.

6. Standard Industrial Classification (SIC) code

Provide the SIC code that best describes the activity being conducted at the site.

Common SIC Codes related to construction activities include: 1521 Construction of Single Family Homes; 1522 Construction of Residential Bldgs. Other than Single Family Homes; 1541 Construction of Industrial Bldgs. and Warehouses; 1542 Construction of Non-residential Bldgs. other than Industrial Bldgs. and Warehouses; 1611 Highway & Street Construction, except Highway Construction; 1622 Bridge, Tunnel, & Elevated Highway Construction; 1623 Water, Sewer, Pipeline & Communications, and Power Line Construction.

For help with SIC codes, go to: <http://www.osha.gov/oshstats/sicser.html>

7. Description of Activity Regulated

Provide a description of the activity being conducted at the site. This must be a description specific to what you are doing that requires this authorization. (Do not repeat the SIC Code)

8. 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 VI, Dallas. **Do not submit this form to TCEQ.**

E. SITE MAILING ADDRESS

Provide a complete mailing address to be used by TCEQ for receiving mail at the site. In most cases, the address is the same as the operator. If so, simply place a check mark in the box. If you provide a different address, please verify the address with USPS as noted above for the operator address.

F. GENERAL CHARACTERISTICS

1. Pollution Prevention Plan (PPP)

This plan 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 storm water, 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.** This plan must be available for a TCEQ investigator to review on request.

2. Estimated Area of Land 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. If the acreage is less than 1, enter 1. "Disturb" means any clearing, grading, excavating, or other similar activities. If you have any questions about this item, please call the storm water technical staff at (512)239-4671.

3. Receiving Water Body

The storm water from your site eventually reaches a receiving water body such as a local stream or lake, possibly via a drainage ditch. The discharge may initially be into a municipal separate storm sewer system (MS4). If applicable, provide the name of the entity that operates the MS4 where the storm water discharges. An MS4 operator is often a city, town, or utility district, but possibly another form of government.

You must provide the name of the water body that receives the discharge from the construction site (a local stream or lake). Storm water may be discharged directly to a receiving stream or through a MS4. If known, please include the segment number if the discharge is to a classified water body.

G. OPERATOR CERTIFICATION

The certification must bear an original signature of a person meeting the signatory requirements specified in under 30 Texas Administrative Code (TAC) §305.44. The printed name and title of the person signing the form must be provided. NOI forms with stamped or copied signatures will not be processed.

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 Texas Commission on Environmental Quality's Environmental Law Division at 512/239-0600.

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).

**Texas Commission on Environmental Quality
General Permit Payment Submittal Form**

Use this form to submit your Application Fee.

- Complete items 1 through 4 below:
- Staple your check in the space provided at the bottom of this document.
- Do not mail this form with your NOI form.
- Do not mail this form to the same address as your NOI. Instead, mail this form and your check to:

BY REGULAR U.S. MAIL

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

BY OVERNIGHT/EXPRESS MAIL

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

To confirm receipt of payment, call the Cashier's office at 512/239- 0357 or 239-0187.

Fee Code: **GPA**

General Permit: **TXR150000**

1. Check / Money Order No:

2. Amount of Check/Money Order:

3. Date of Check or Money Order:

4. Name on Check or Money Order:

5. NOI INFORMATION

If the check is for more than one NOI, list each Project/Site (RE) Name and Physical Address exactly as provided on the NOI. **DO NOT SUBMIT A COPY OF THE NOI WITH THIS FORM AS IT COULD CAUSE DUPLICATE PERMIT ENTRIES.**

See Attached List of Sites *(If more space is needed, you may attach a list.)*

Project/Site (RE) Name:

Project/Site (RE) Physical Address:

Staple Check In This Space



**Notice of Termination (NOT) for Storm
Water Discharges Associated with
Construction Activity under the TPDES
Construction General Permit (TXR150000)**

For help completing this application, read the TXR150000 NOI Instructions (TCEQ-20023-Instructions).

TCEQ Office Use Only

TPDES Permit Number: TXR15* * * * * - NO

GIN Number: * * * * *

A. TPDES Permit Number: TXR15

B. Construction Site Operator

Customer Reference Number: CN

Name:

Mailing Address:

City:

State:

Zip Code:

Country Mailing Information (*if outside USA*) Territory:

Country Code:

Postal Code:

Phone Number:

Extension:

Fax Number:

E-mail Address:

C. Project / Site Information

Regulated Entity Reference Number: RN

Name:

Physical Address:

Location Access Description:

City:

County:

Zip Code:

D. Contact - If the TCEQ needs additional information regarding this termination, who should be contacted?

Name:

Title:

Phone Number:

Extension:

Fax Number:

E-mail Address:

E. Certification

I certify under penalty of law that authorization under the TPDES Construction General Permit (TXR150000) is no longer necessary based on the provisions of the general permit. I understand that by submitting this Notice of Termination, I am no longer authorized to discharge storm water associated with construction activity under the general permit TXR150000, and that discharging pollutants in storm water associated with construction activity to waters of the U.S. is unlawful under the Clean Water Act where the discharge is not authorized by a TPDES permit. I also understand that the submittal of this Notice of Termination does not release an operator from liability for any violations of this permit or the Clean Water Act.

Construction Site Operator Representative:

Prefix:

First:

Middle:

Last:

Suffix:

Title:

Signature: _____ Date: _____

If you have questions on how to fill out this form or about the storm water program, please contact us at (512) 239-4671. Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at (512) 239-3282.

The completed NOT must be mailed to the following address:

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

APPENDIX D
GENERAL PERMIT



General Permit to Discharge Under the Texas Pollutant Discharge Elimination System

Stormwater Discharges Associated with Construction Activities TXR150000

Effective March 5, 2018

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, issued March 5, 2013

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, five years from the permit effective date.

EFFECTIVE DATE: March 5, 2018

ISSUED DATE: 2-8-18

A handwritten signature in black ink, reading "Bryan W. Shaw".
For the Commission

**TPDES GENERAL PERMIT NUMBER TXR150000 RELATING TO
STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION
ACTIVITIES**

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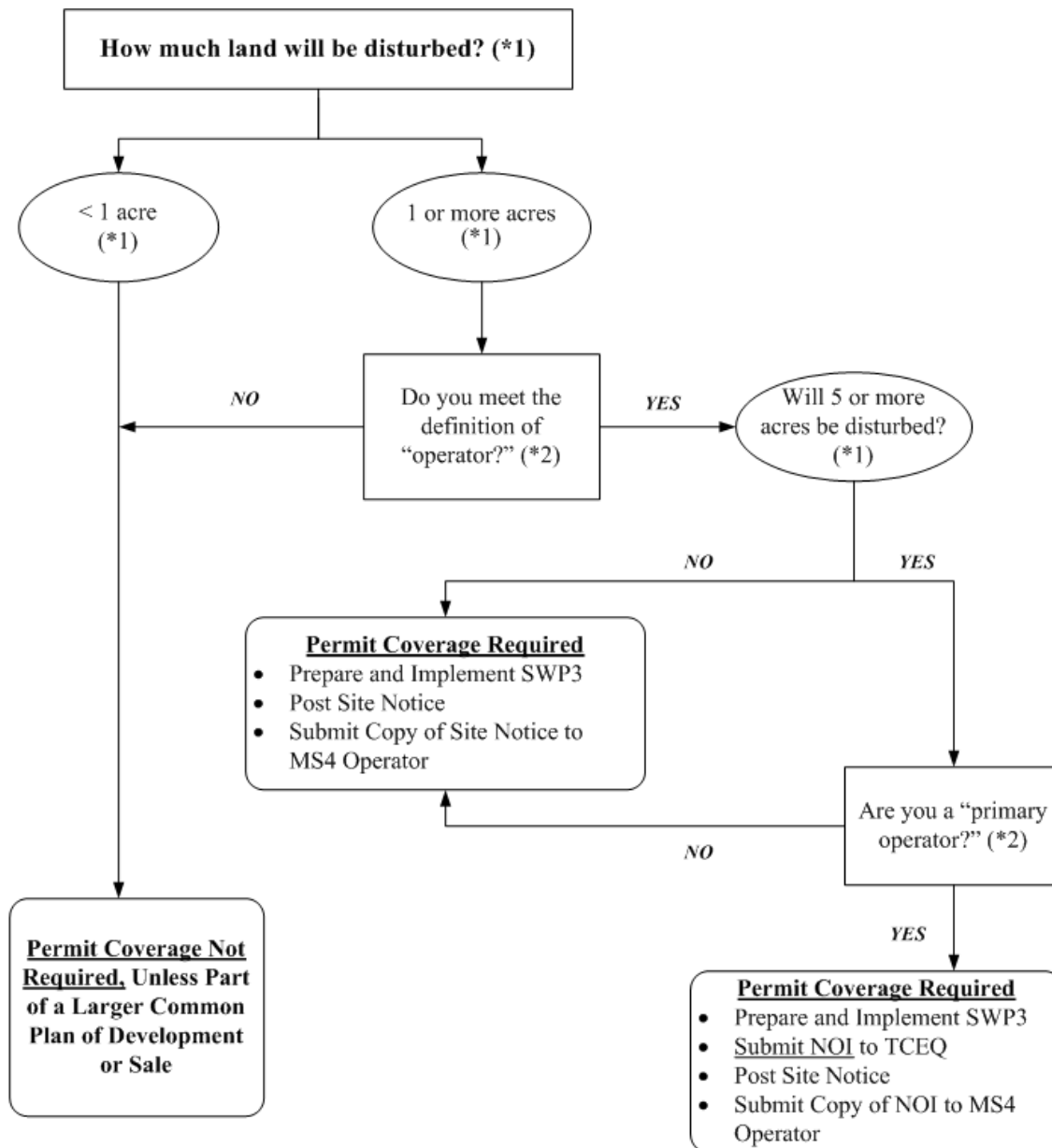
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Part I. Flow Chart and Definitions

Section A. Flow Chart to Determine Whether Coverage is Required



- (*1) To determine the size of the construction project, use the size of the entire area to be disturbed, and include the size of the larger common plan of development or sale, if the project is part of a larger project (refer to Part I.B., "Definitions," for an explanation of "common plan of development or sale").
- (*2) Refer to the definitions for "operator," "primary operator," and "secondary operator" in Part I, Section B. of this permit.

APPENDIX E
CONSTRUCTION ACTIVITY RECORD

DAILY CONSTRUCTION REPORT

DAY

Bright Sun	Clear	Overcast	Rain	Snow
To 32°	32° - 50°	50° - 70°	70° -85°	85° up
Still	Moderate	High	Report No.	
Dry	Moderate	Humid		

[illegible]

APPENDIX F
EROSION CONTROL PLANS

SHEET NO.
7
27
OF

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

I RAMIZ PRASLA
Print Name

Director
Title - Owner/President/Other

of Retail Pro LLC
Corporation/Partnership/Entity Name

have authorized Michael Chapa
Print Name of Agent/Engineer

of CRD Group, 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:

[Signature]
Applicant's Signature

04/11/23
Date

THE STATE OF Texas §

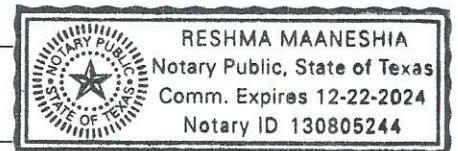
County of Williamson §

BEFORE ME, the undersigned authority, on this day personally appeared Ramiz Prash 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 11th day of April, 2023.

[Signature]
NOTARY PUBLIC

Reshma Maaneshia
Typed or Printed Name of Notary



MY COMMISSION EXPIRES: 12/22/2024

Application Fee Form

Texas Commission on Environmental Quality

Name of Proposed Regulated Entity: Retail Pro, LLC

Regulated Entity Location: 11522 Kempwood Drive, Suite B

Name of Customer: Shakil Maredia

Contact Person: Shakil Maredia

Phone: 512-955-0825

Customer Reference Number (if issued):CN _____

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	Acres	\$
Water Pollution Abatement Plan, Contributing Zone Plan: Multiple Single Family Residential and Parks	Acres	\$
Water Pollution Abatement Plan, Contributing Zone Plan: Non-residential	2.044 Acres	\$ 4,000
Sewage Collection System	L.F.	\$
Lift Stations without sewer lines	Acres	\$
Underground or Aboveground Storage Tank Facility	Tanks	\$
Piping System(s)(only)	Each	\$
Exception	Each	\$
Extension of Time	Each	\$

Signature: 

Date: 3/1/25

Application Fee Schedule

Texas Commission on Environmental Quality

Edwards Aquifer Protection Program 30 TAC Chapter 213 (effective 05/01/2008)

Water Pollution Abatement Plans and Modifications

Contributing Zone Plans and Modifications

<i>Project</i>	<i>Project Area in Acres</i>	<i>Fee</i>
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

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

Underground and Aboveground Storage Tank System Facility Plans and Modifications

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

Exception Requests

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

Extension of Time Requests

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



TCEQ Use Only

TCEQ Core Data Form

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

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
<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
2. Customer Reference Number (if issued)		3. Regulated Entity Reference Number (if issued)
CN		RN

[Follow this link to search for CN or RN numbers in Central Registry**](#)

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)		03/01/25	
<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)					
The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).					
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John) <i>If new Customer, enter previous Customer below:</i>					
Retail Pro, LLC					
7. TX SOS/CPA Filing Number		8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)	
0804640083					
11. Type of Customer: <input type="checkbox"/> Corporation <input type="checkbox"/> Individual <input type="checkbox"/> 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"/> State <input type="checkbox"/> Other <input type="checkbox"/> Sole Proprietorship <input type="checkbox"/> Other:					
12. Number of Employees <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					
13. Independently Owned and Operated? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
14. Customer Role (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"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> Voluntary Cleanup Applicant <input type="checkbox"/> Other:					
15. Mailing Address: 11522 Kempwood Drive, Suite B					
City Leander State TX ZIP 78750 ZIP + 4					
16. Country Mailing Information (if outside USA)				17. E-Mail Address (if applicable)	
				shakmaredia@gmail.com	
18. Telephone Number		19. Extension or Code		20. Fax Number (if applicable)	
(512) 955-0825				() -	

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity' is selected below this form should be accompanied by a permit application)	
<input checked="" type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input type="checkbox"/> Update to Regulated Entity Information	
The Regulated Entity Name submitted may be updated in order to meet TCEQ Agency Data Standards (removal of organizational endings such as Inc, LP, or LLC.)	
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)	
Bagdad Retail Outlet	

23. Street Address of the Regulated Entity: <i>(No PO Boxes)</i>	1067 Bagdad Road							
	City	Leander	State	TX	ZIP	78641	ZIP + 4	
24. County								
Enter Physical Location Description if no street address is provided.								
25. Description to Physical Location:	Northwest Corner of Bagdad Rd and Middle Brook Drive							
26. Nearest City					State	Nearest ZIP Code		
City of Leander					TE		78641	
27. Latitude (N) In Decimal:				28. Longitude (W) In Decimal:				
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds			
30	35	10	97	52	45			
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)			
5411	3579		445120		53111			
33. What is the Primary Business of this entity? <i>(Do not repeat the SIC or NAICS description.)</i>								
C-Store								
34. Mailing Address:								
	City		State		ZIP		ZIP + 4	
35. E-Mail Address:								
36. Telephone Number			37. Extension or Code		38. Fax Number <i>(if applicable)</i>			
() -					() -			

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.

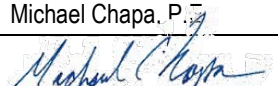
<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review 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"/> Waste Water	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:

SECTION IV: Preparer Information

40. Name:	Michael Chapa	41. Title:	Engineer
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(512) 775-5166		() -	crdgrp@gmail.com

SECTION V: Authorized Signature

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

Company:	CRD Group, LLC	Job Title:	President
Name(In Print) :	Michael Chapa, P.E.	Phone:	(512) 775-5166
Signature:		Date:	3/1/2025