MCNEIL HIGH SCHOOL

5720 McNeil Dr.
Austin, Travis County/Williamson County, Texas

WATER POLLUTION ABATEMENT PLAN (WPAP) REPORT

Prepared For:

McNeil High School
5720 McNeil Dr.
Austin, Texas 78729

Prepared by:

GARZA EMC, LLC.
7708 Rialto Blvd., Suite 125
Austin, Texas 78735
TBPE Registration No. F-14629

April 2026

WATER POLLUTION ABATEMENT PLAN (WPAP) REPORT

FOR

MCNEIL HIGH SCHOOL

5720 McNeil Dr.
Austin, Travis County/Williamson County, Texas

Prepared For:
McNeil High School
5720 McNeil Dr.
Austin, Texas 78729

Prepared By:
GARZA EMC, LLC
7708 Rialto Blvd., Ste. 125
Austin, Texas 78735

TBPE Registration No. F-14629

APRIL 2026

garza emc

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: Westside Maintenance Annex					**2. Regulated Entity No.:** RN101121390				
3. Customer Name: Round Rock Independent School District					**4. Customer No.:** CN600355358				
5. Project Type: **(Please circle/check one)**	New		Modification		Extension		Exception		
6. Plan Type: **(Please circle/check one)**	WPAP	CZP	SCS	UST	AST	EXP	EXT	Technical Clarification	Optional Enhanced Measures
7. Land Use: **(Please circle/check one)**	Residential		Non-residential			**8. Site (acres):**			96.89
9. Application Fee:	8,000		**10. Permanent BMP(s):**			Self-treating turf field with an underdrain system			
11. SCS (Linear Ft.):	N/A		**12. AST/UST (No. Tanks):**			N/A			
13. County:	Travis		**14. Watershed:**			Walnut Creek			

Application Distribution

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

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

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

Austin Region			
County:	**Hays**	**Travis**	**Williamson**
Original (1 req.)	___	_1_	___
Region (1 req.)	___	_1_	___
County(ies)	___	_1_	___
Groundwater Conservation District(s)	___Edwards Aquifer Authority ___Barton Springs/ Edwards Aquifer ___Hays Trinity ___Plum Creek	_√_ Barton Springs/ Edwards Aquifer	NA
City(ies) Jurisdiction	___Austin ___Buda ___Dripping Springs ___Kyle ___Mountain City ___San Marcos ___Wimberley ___Woodcreek	_√_Austin ___Bee Cave ___Pflugerville ___Rollingwood ___Round Rock ___Sunset Valley ___West Lake Hills	___Austin ___Cedar Park ___Florence ___Georgetown ___Jerrell ___Leander ___Liberty Hill ___Pflugerville ___Round Rock

San Antonio Region					
County:	**Bexar**	**Comal**	**Kinney**	**Medina**	**Uvalde**
Original (1 req.)	___	___	___	___	___
Region (1 req.)	___	___	___	___	___
County(ies)	___	___	___	___	___
Groundwater Conservation District(s)	___ Edwards Aquifer Authority ___Trinity-Glen Rose	___Edwards Aquifer Authority	___Kinney	___EAA ___Medina	___EAA ___Uvalde
City(ies) Jurisdiction	___Castle Hills ___Fair Oaks Ranch ___Helotes ___Hill Country Village ___Hollywood Park ___San Antonio (SAWS) ___Shavano Park	___Bulverde ___Fair Oaks Ranch ___Garden Ridge ___New Braunfels ___Schertz	NA	___San Antonio ETJ (SAWS)	NA

I certify that to the best of my knowledge, that the application is complete and accurate. This application is hereby submitted to TCEQ for administrative review and technical review. Darren Huckert, PE
Print Name of Customer/Authorized Agent
Signature of Customer/Authorized Agent — Date: 4/15/2026

GEMC SIGN

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):	

TCEQ Use Only

TCEQ Core Data Form

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

SECTION I: General Information

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

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

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

☒ Other **WPAP Modification**

2. Customer Reference Number *(if issued)*	Follow this link to search for CN or RN numbers in Central Registry**	**3. Regulated Entity Reference Number** *(if issued)*
CN 600355358		**RN 101121390**

SECTION II: Customer Information

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

☐ New Customer ☐ Update to Customer Information ☐ Change in Regulated Entity Ownership
☐ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)

The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).

6. Customer Legal Name *(If an individual, print last name first: eg: Doe, John)*

If new Customer, enter previous Customer below:

Round Rock Independent School District

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

11. Type of Customer:

☐ Corporation ☐ Individual Partnership: ☐ General ☐ Limited
Government: ☐ City ☐ County ☐ Federal ☐ Local ☐ State ☐ Other ☐ Sole Proprietorship ☒ Other: Independent School District

12. Number of Employees

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

13. Independently Owned and Operated?

☐ **Yes** ☒ **No**

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

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

15. Mailing Address:	1311 Round Rock Avenue						
	City	Round Rock	**State**	TX	**ZIP**	78681	**ZIP + 4**

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

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*
(512) 464-5000		( ) -

SECTION III: Regulated Entity Information

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

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

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

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

Westside Maintenance Annex

23. Street Address of the Regulated Entity: ***(No PO Boxes)***	5720 McNeil Dr.							
	City	Austin	**State**	TX	**ZIP**	78729	**ZIP + 4**	
24. County	Travis							

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

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

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

27. Latitude (N) In Decimal:	30.449547		**28. Longitude (W) In Decimal:**	-97.729844	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds

29. Primary SIC Code (4 digits)	30. Secondary SIC Code (4 digits)	31. Primary NAICS Code (5 or 6 digits)	32. Secondary NAICS Code (5 or 6 digits)
8211			

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

High School

34. Mailing Address:	**5270 McNeil Dr.**							
	City	**Austin**	**State**	**TX**	**ZIP**	**78729**	**ZIP + 4**	
35. E-Mail Address:								

36. Telephone Number	37. Extension or Code	38. Fax Number *(if applicable)*
(512) 464-6300		( ) -

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

☐ Dam Safety	☐ Districts	☒ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
		11003045		
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☐ Wastewater	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:

SECTION IV: Preparer Information

40. Name:	Darren Huckert, P.E.	41. Title:	Vice President

42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(512) 298-3284		( ) -	dhuckert@garzaemc.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:	Round Rock Independent School District	Job Title:	Chief Financial Officer / Chief Operating Officer
Name *(In Print)*:	Dennis Covington	Phone:	(512) 464-5042
Signature:	Dennis Covington	Date:	1/29/2026

Application Fee Form

Texas Commission on Environmental Quality

Name of Proposed Regulated Entity: Westside Maintenance Annex
Regulated Entity Location: 5720 McNeil Dr, Austin TX 78729
Name of Customer: Round Rock Independent School District
Contact Person: Dennis Covington Phone: 512-464-5012
Customer Reference Number (if issued):CN 600355358
Regulated Entity Reference Number (if issued):RN 101121390

Austin Regional Office (3373)

☐ Hays ☒ Travis ☐ Williamson

San Antonio Regional Office (3362)

☐ Bexar ☐ Medina ☐ Uvalde
☐ Comal ☐ Kinney

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

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

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

Site Location (Check All That Apply):

☒ Recharge Zone ☐ Contributing Zone ☐ Transition Zone

Type of Plan	*Size*	*Fee Due*
Water Pollution Abatement Plan, Contributing Zone Plan: One Single Family Residential Dwelling	Acres	$
Water Pollution Abatement Plan, Contributing Zone Plan: Multiple Single Family Residential and Parks	Acres	$
Water Pollution Abatement Plan, Contributing Zone Plan: Non-residential	96.89 Acres	$ 8000
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: 01/29/2026

Application Fee Schedule

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

Water Pollution Abatement Plans and Modifications

Contributing Zone Plans and Modifications

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

Organized Sewage Collection Systems and Modifications

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

Underground and Aboveground Storage Tank System Facility Plans and Modifications

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

Exception Requests

Project	*Fee*
Exception Request	$500

Extension of Time Requests

Project	***Fee***
Extension of Time Request	$150

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

I Dennis Covington,
Print Name

Chief Financial Officer / Chief Operating Officer,
Title - Owner/President/Other

of Round Rock Independent School District,
Corporation/Partnership/Entity Name

have authorized Darren Huckert, PE
Print Name of Agent/Engineer

of Garza EMC, LLC
Print Name of Firm

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

I also understand that:

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

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

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

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

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

SIGNATURE PAGE:

Applicant's Signature

2/6/2026
Date

THE STATE OF Texas §

County of Williamson §

BEFORE ME, the undersigned authority, on this day personally appeared Dennis D. Carrington 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 6th day of February, 2026.

NOTARY PUBLIC

PATTY AGUILERA
Notary ID #132093045
My Commission Expires
July 19, 2027

Patty Aguilera
Typed or Printed Name of Notary

MY COMMISSION EXPIRES: 7/19/2027

Modification of a Previously Approved Plan Checklist

- ☑ **Edwards Aquifer Application Cover Page (TCEQ-20705)**
- ☑ **General Information Form (TCEQ-0587)**

  Attachment A - Road Map
  Attachment B - USGS / Edwards Recharge Zone Map
  Attachment C - Project Description

- ☑ **Geologic Assessment Form (TCEQ-0585)**

  Attachment A - Geologic Assessment Table (TCEQ-0585-Table)
  Attachment B - Stratigraphic Column
  Attachment C - Site Geology
  Attachment D - Site Geologic Map(s)

- ☑ **Modification of a Previously Approved Plan (TCEQ-0590)**

  Attachment A - Original Approval Letter and Approved Modification Letters
  Attachment B - Narrative of Proposed Modification
  Attachment C - Current Site Plan of the Approved Project

- ☑ **Application Form (include any applicable to the proposed modification):**

  Aboveground Storage Tank Facility Plan (TCEQ-0575)
  Organized Sewage Collection System Application (TCEQ-0582)
  Underground Storage Tank Facility Plan (TCEQ-0583)
  Water Pollution Abatement Plan Application (TCEQ-0584)
  Lift Station / Force Main System Application (TCEQ-0624)

- ☑ **Temporary Stormwater Section (TCEQ-0602)**

  Attachment A - Spill Response Actions
  Attachment B - Potential Sources of Contamination
  Attachment C - Sequence of Major Activities
  Attachment D - Temporary Best Management Practices and Measures
  Attachment E - Request to Temporarily Seal a Feature (if requested)
  Attachment F - Structural Practices
  Attachment G - Drainage Area Map
  Attachment H - Temporary Sediment Pond(s) Plans and Calculations
  Attachment I - Inspection and Maintenance for BMPs
  Attachment J - Schedule of Interim and Permanent Soil Stabilization Practices

- ☑ **Permanent Stormwater Section (TCEQ-0600), if necessary**

  Attachment A - 20% or Less Impervious Cover Declaration (if requested for multi-family, school, or small business site)
  Attachment B - BMPs for Upgradient Stormwater

Attachment C - BMPs for On-site Stormwater
Attachment D - BMPs for Surface Streams
Attachment E - Request to Seal Features, if sealing a feature
Attachment F - Construction Plans
Attachment G - Inspection, Maintenance, Repair and Retrofit Plan
Attachment H - Pilot-Scale Field Testing Plan (if requested)
Attachment I -Measures for Minimizing Surface Stream Contamination

- ☑ **Agent Authorization Form (TCEQ-0599), if application submitted by agent**
- ☑ **Application Fee Form (TCEQ-0574)**
- ☑ **Check Payable to the "Texas Commission on Environmental Quality"**
- ☑ **Core Data Form (TCEQ-10400)**

General Information Form

Texas Commission on Environmental Quality

For Regulated Activities on the Edwards Aquifer Recharge and Transition Zones and Relating to 30 TAC §213.4(b) & §213.5(b)(2)(A), (B) 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 **General Information Form** is hereby submitted for TCEQ review. The application was prepared by:

Print Name of Customer/Agent: Darren Huckert, PE

Date: 04/14/2026

Signature of Customer/Agent:

GEMC SIGN

Project Information

1. Regulated Entity Name: Westside Maintenance Annex
2. County: Travis
3. Stream Basin: Walnut Creek
4. Groundwater Conservation District (If applicable): N/A
5. Edwards Aquifer Zone:

   ☒ Recharge Zone
   ☐ Transition Zone

6. Plan Type:

   ☒ WPAP
   ☐ SCS
   ☒ Modification
   ☐ AST
   ☐ UST
   ☐ Exception Request

7. Customer (Applicant):

   Contact Person: Dennis Covington, Chief Financial Officer / Chief Operating Officer
   Entity: Round Rock Independent School District
   Mailing Address: 1311 Round Rock Avenue
   City, State: Round Rock, Texas Zip: 78681
   Telephone: 512-464-5012 FAX: 512-761-6167
   Email Address: Dennis_Covington@roundrockisd.org

8. Agent/Representative (If any):

   Contact Person: Darren Huckert, PE
   Entity: Garza EMC, LLC
   Mailing Address: 7708 Rialto Blvd Suite 125
   City, State: Austin, TX Zip: 78735
   Telephone: 512-298-3284 FAX: 512 298 2592
   Email Address: dhuckert@garzaemc.com

9. Project Location:

   ☐ The project site is located inside the city limits of _____.
   ☒ The project site is located outside the city limits but inside the ETJ (extra-territorial jurisdiction) of Austin.
   ☐ The project site is not located within any city's limits or ETJ.

10. ☒ The location of the project site is described below. The description provides sufficient detail and clarity so that the TCEQ's Regional staff can easily locate the project and site boundaries for a field investigation.

    The site is located on the east side of West Parmer Lane and on the west side of McNeil Road. The south boundary is McNeil Drive. The north boundary is a property line south of Rattan Creek. The site is at 5720 McNeil Drive.

11. ☒ **Attachment A – Road Map**. A road map showing directions to and the location of the project site is attached. The project location and site boundaries are clearly shown on the map.

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

    ☒ Project site boundaries.
    ☒ USGS Quadrangle Name(s).
    ☒ Boundaries of the Recharge Zone (and Transition Zone, if applicable).
    ☒ Drainage path from the project site to the boundary of the Recharge Zone.

13. ☒ **The TCEQ must be able to inspect the project site or the application will be returned**. Sufficient survey staking is provided on the project to allow TCEQ regional staff to locate the boundaries and alignment of the regulated activities and the geologic or manmade features noted in the Geologic Assessment.

☒ Survey staking will be completed by this date: August 15, 2026

14. ☒ **Attachment C – Project Description**. Attached at the end of this form is a detailed narrative description of the proposed project. 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

15. 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/Uncleared)
☒ Other: The site was developed beginning in 1986 as a high school. Water Quality and Detention Facilities exist on-site that will capture and treat current runoff.

Prohibited Activities

16. ☒ I am aware that the following activities are prohibited on the Recharge Zone and are not proposed for this project:

(1) Waste disposal wells regulated under 30 TAC Chapter 331 of this title (relating to Underground Injection Control);

(2) New feedlot/concentrated animal feeding operations, as defined in 30 TAC §213.3;

(3) Land disposal of Class I wastes, as defined in 30 TAC §335.1;

(4) The use of sewage holding tanks as parts of organized collection systems; and

(5) New municipal solid waste landfill facilities required to meet and comply with Type I standards which are defined in §330.41(b), (c), and (d) of this title (relating to Types of Municipal Solid Waste Facilities).

(6) New municipal and industrial wastewater discharges into or adjacent to water in the state that would create additional pollutant loading.

17. ☒ I am aware that the following activities are prohibited on the Transition Zone and are not proposed for this project:

(1) Waste disposal wells regulated under 30 TAC Chapter 331 (relating to Underground Injection Control);

(2) Land disposal of Class I wastes, as defined in 30 TAC §335.1; and

(3) New municipal solid waste landfill facilities required to meet and comply with Type I standards which are defined in §330.41 (b), (c), and (d) of this title.

Administrative Information

18. The fee for the plan(s) is based on:

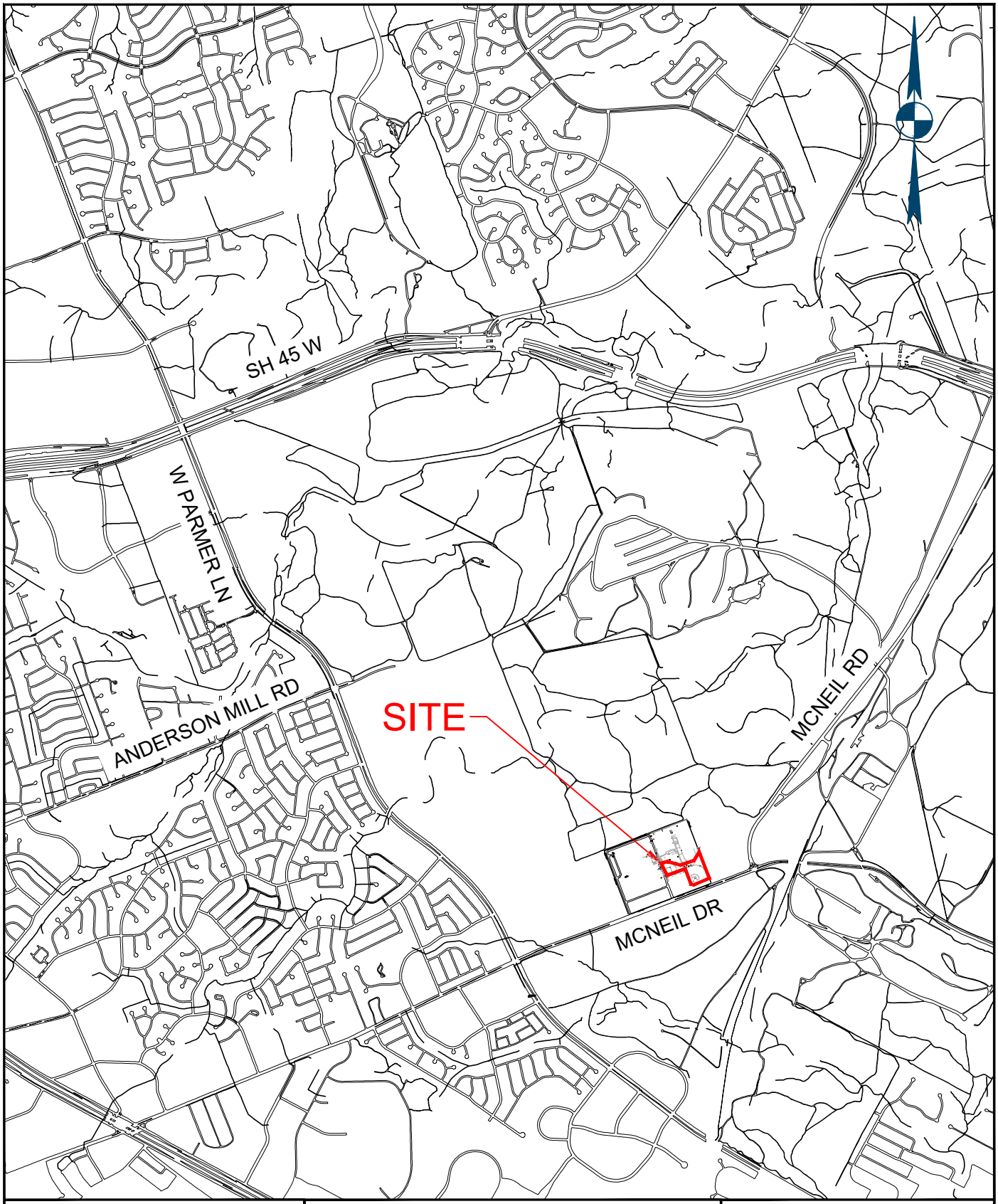
☒ For a Water Pollution Abatement Plan or Modification, the total acreage of the site where regulated activities will occur.
☐ For an Organized Sewage Collection System Plan or Modification, the total linear footage of all collection system lines.
☐ For a UST Facility Plan or Modification or an AST Facility Plan or Modification, the total number of tanks or piping systems.
☐ A request for an exception to any substantive portion of the regulations related to the protection of water quality.
☐ A request for an extension to a previously approved plan.

19. ☒ Application fees are due and payable at the time the application is filed. If the correct fee is not submitted, the TCEQ is not required to consider the application until the correct fee is submitted. Both the fee and the Edwards Aquifer Fee Form have been sent to the Commission's:

☐ TCEQ cashier
☒ Austin Regional Office (for projects in Hays, Travis, and Williamson Counties)
☐ San Antonio Regional Office (for projects in Bexar, Comal, Kinney, Medina, and Uvalde Counties)

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

21. ☒ No person shall commence any regulated activity until the Edwards Aquifer Protection Plan(s) for the activity has been filed with and approved by the Executive Director.



garza
7708 Rialto Blvd., Suite 125
Austin, Texas 78735
Tel. (512) 298-3284 Fax (512) 298-2592
TBPE # F-14629

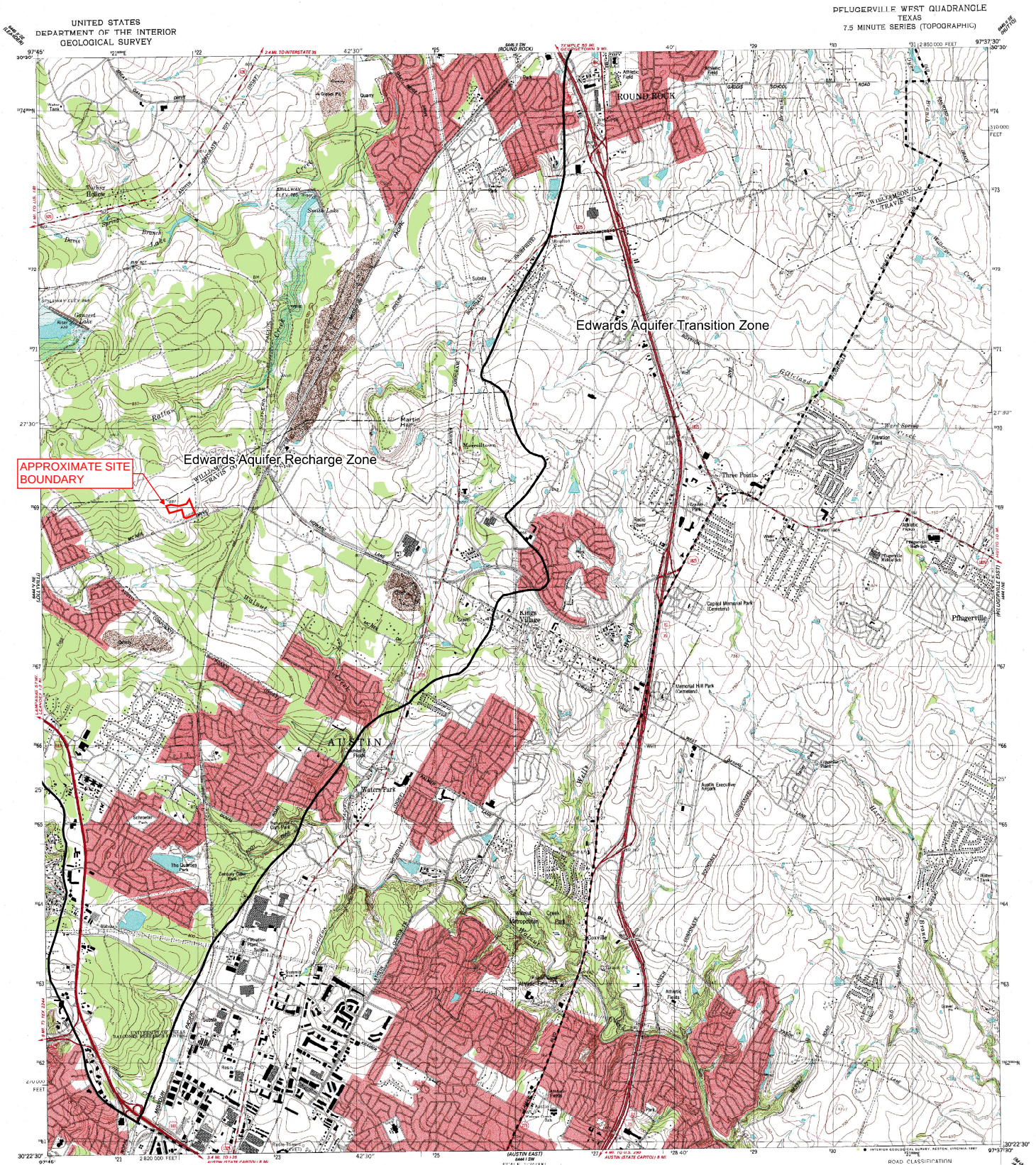
MCNEIL HIGH SCHOOL
ROUND ROCK INDEPENDENT
SCHOOL DISTRICT

5720 MCNEIL DRIVE,
AUSTIN, TX 78729

ROAD MAP

DATE: 11/08/2018	SCALE: 1:3000	DRAWN BY:	FILE:	PROJECT No.: 108299-00029

V:\108299-00029\Civil\00-CAD\EXHIBITS\TCEQ WPAP Exhibits\EXH1 - Road Map.dwg modified by jgarza on Jan 13, 26 10:52 AM



Texas Commission on Environmental Quality
Edwards Aquifer Protection Program

TCEQ

Regulatory Zones

30 TAC Chapter 213- Edwards Aquifer
Effective March 1990

This map was produced by the Groundwater Planning and Assessment Team of the Texas Commission on Environmental Quality to detail the boundaries of the regulatory zones of the Edwards Aquifer Protection Program, as described in Texas Administrative Code Title 30, Part 1, §213.3. No other claims are made to the accuracy or completeness of the data or to its suitability for a particular use. For more information about the Edwards Aquifer Protection Program, please contact the TCEQ Regional Offices in San Antonio or Austin. Printed June 2006.

ATTACHMENT C – PROJECT DESCRIPTION

The modification project site is approximately 4.05 acres in total area within the McNeil High School campus. The site was originally a field but was developed into the McNeil High School campus. The proposed revisions consist of the natural grass softball and baseball fields being replaced with self-treating artificial turf through a built-in underdrain system. The area of artificial turf replacement is as follows: softball field approximately 1.09 acres and the baseball field approximately 2.96 acres.

The entirety of the site is located within the City of Austin Extraterritorial Jurisdiction. The northern portion of the site is located within Williamson County and the southern portion of the site is located within Travis County. This site is not zoned. There are no offsite drainage areas contributing to the project area.

The site is located within the Walnut Creek Watershed which is classified as suburban watershed by the City of Austin's Comprehensive Watershed ordinance (CWO). The maximum allowable impervious cover for all watersheds except the Barton Springs Zone is fifty percent (50%) of the net site area, or sixty percent (60%) of net site area if transfer of impervious cover is available and utilized. Since the site is located within the Edwards Aquifer Recharge Zone, permanent Best Management Practices will be employed through a self-treating turf field with an underdrain system.

LJA ENVIRONMENTAL SERVICES

713.953.5200
TBPG #50679
www.LJA.com
14701 St. Mary's Lane, Suite 400, Houston, Texas 77079
Colorado • Georgia • Oklahoma • South Carolina • Texas

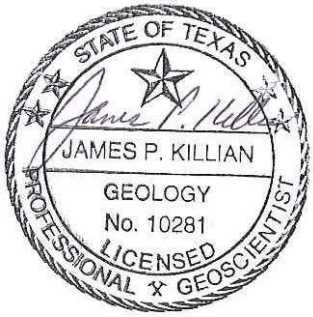
GEOLOGIC ASSESSMENT
APPROXIMATELY 99-ACRE RRISD MCNEIL HIGH SCHOOL TRACT
5720 MCNEIL DRIVE
AUSTIN, TRAVIS AND WILLIAMSON COUNTIES, TEXAS
HJN 260321 GA

PREPARED FOR:

ROUND ROCK INDEPENDENT SCHOOL DISTRICT (RRISD)
ROUND ROCK, TEXAS

PREPARED BY:

LJA ENVIRONMENTAL SERVICES, LLC
TBPG FIRM REGISTRATION NO. 50679



APRIL 2026

LJA ENVIRONMENTAL SERVICES

TABLE OF CONTENTS

Geologic Assessment

Texas Commission on Environmental Quality

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

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

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

Signature

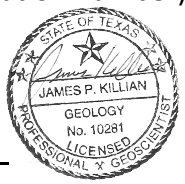
To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. My signature certifies that I am qualified as a geologist as defined by 30 TAC Chapter 213.

Print Name of Geologist: James Killian Telephone: 512-328-2430

Date: 6 April 2026 Fax: 512-328-1804

Representing: LJA Environmental Services and TBPG Form Registration No. 50679 (Name of Company and TBPG or TBPE registration number)

Signature of Geologist:



Regulated Entity Name: Approximately 99-acre RRISD McNeil High School Tract; 5720 McNeil Drive, Austin, Travis and Williamson Counties, Texas

Project Information

1. Date(s) Geologic Assessment was performed: 25 March 2026
2. Type of Project:
   - ☒ WPAP
   - ☒ SCS
   - ☐ AST
   - ☐ UST
3. Location of Project:
   - ☒ Recharge Zone
   - ☐ Transition Zone
   - ☐ Contributing Zone within the Transition Zone

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

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

Table 1 - Soil Units, Infiltration Characteristics and Thickness

Soil Name	Group*	Thickness(feet)
Eckrant extremely stony clay, 0-3% slopes (EeB)	D	0.5 to 1
Speck stony clay loam, 1-5% slopes (SsC)	C	1 to 1.5
Tarrant soils, 5-8% slopes (TaD)	C	0 to 0.7
Tarrant and Speck soils, 0-2% slopes (TcA)	D	0.5 to 1
Georgetown stony clay loam, 1-3% slopes (GsB)	D	1 to 3

** Soil Group Definitions (Abbreviated)*

A. Soils having a high infiltration rate when thoroughly wetted.

B. Soils having a moderate infiltration rate when thoroughly wetted.

C. Soils having a slow infiltration rate when thoroughly wetted.

D. Soils having a very slow infiltration rate when thoroughly wetted.

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

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

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

Applicant's Site Plan Scale: 1" = 400'
Site Geologic Map Scale: 1" = 400'
Site Soils Map Scale (if more than 1 soil type): 1" = 600'

9. Method of collecting positional data:

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

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

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

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

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

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

14. All known wells (test holes, water, oil, unplugged, capped and/or abandoned, etc.): If applicable, the information must agree with Item No. 20 of the WPAP Application Section.

    ☐ There are _____ (#) wells present on the project site and the locations are shown and labeled. (Check all of the following that apply.)
    ☐ The wells are not in use and have been properly abandoned.
    ☐ The wells are not in use and will be properly abandoned.
    ☐ The wells are in use and comply with 16 TAC Chapter 76.
    ☒ There are no wells or test holes of any kind known to exist on the project site.

Administrative Information

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

LJA ENVIRONMENTAL SERVICES

ATTACHMENT A

GEOLOGIC ASSESSMENT TABLE

GEOLOGIC ASSESSMENT TABLE

PROJECT NAME: RRISD McNeil High School Tract; 5720 McNeil Dr., Austin, Travis & Williamson Co., TX

LOCATION			FEATURE CHARACTERISTICS											EVALUATION			PHYSICAL SETTING		
1A	1B *	1C*	2A	2B	3	4			5	5A	6	7	8A	8B	9	10		11		12
FEATURE ID	LATITUDE	LONGITUDE	FEATURE TYPE	POINTS	FORMATION	DIMENSIONS (FEET)			TREND (DEGREES)	DOM	DENSITY (NO/FT)	APERTURE (FEET)	INFILL	RELATIVE INFILTRATION RATE	TOTAL	SENSITIVITY		CATCHMENT AREA (ACRES)		TOPOGRAPHY
						X	Y	Z		10						<40	>40	<1.6	>1.6	
F-1	30.45036	-97.73202	SH	20	Ked	110	60	3	N293°W	0	--		C,F,O	30	50		X	X		Hilltop
F-2	30.44972	-97.73793	SC	20	Ked	0.2	0.2	1	--	0	--		C,F,O	25	45		X	X		Hilltop
F-3	30.449689	-97.449689	SH/C	30	Ked	30	25	6	N310°W	0	--		C,F,O	60	90		X	X		Hilltop
F-4	30.4464	-97.7378	SC/C	30	Ked	2.5	2	11	--	0	--		C,F,O	50	80		X	X		Hillside
F-5	30.44669	-97.73721	SC	20	Ked	1	0.8	2.5	--	0	--		C,F,O	30	50		X	X		Drainage
F-6	30.448886	-97.733681	SH/C	30	Ked	80	70	4	--	0	--		C,F,O	50	80		X	X		Hilltop
F-7	30.448954	-97.733612	SH/C	30	Ked	80	70	4	--	0	--		C,F,O	50	80		X	X		Hilltop
M-1	30.449616	-97.729597	MB	30	Ked	230	230	6	--	0	--		C,F,O	8	38	X			X	Drainage
M-2	30.448266	-97.732024	MB	30	Ked	60	60	4	--	0	--		C,F,O	8	38	X		X		Hillside
M-3	30.447875	-97.731817	MB	30	Ked	75	55	4	--	0	--		C,F,O	8	38	X		X		Drainage
M-4	30.447522	-97.7317	MB	30	Ked	75	75	4	--	0	--		C,F,O	8	38	X		X		Drainage
M-5	30.446921	-97.734272	MB	30	Ked	175	50	4	--	0	--		C,F,O	8	38	X			X	Drainage
M-6	30.447533	-97.734506	MB	30	Ked	155	70	3	--	0	--		C,F,O	8	38	X		X		Drainage
M-7	30.447767	-97.734638	MB	30	Ked	50	25	4	--	0	--		C,F,O	8	38	X		X		Hillside
M-8	30.450887	-97.733809	MB	30	Ked	140	30	3	--	0	--		C,F,O	8	38	X		X		Hillside
M-9	30.450683	-97.734477	MB	30	Ked	90	30	3	--	0	--		C,F,O	8	38	X		X		Hillside
M-10	30.450215	-97.735355	MB	30	Ked	85	20	4	--	0	--		C,F,O	8	38	X		X		Hillside
M-11	30.446891	-97.736743	MB	30	Ked	140	75	6	--	0	--		C,F,O	8	38	X		X		Hillside
M-12	30.449237	-97.735086	MB	30	Ked	470	75	6	--	0	--		C,F,O	8	38	X		X		Hillside
M-13	30.450586	-97.734857	MB	30	Ked	160	40	5	--	0	--		C,F,O	8	38	X		X		Hillside
M-14	30.44767	-97.732563	MB	30	Ked	160	120	5	--	0	--		C,F,O	8	38	X		X		Hillside

* DATUM:

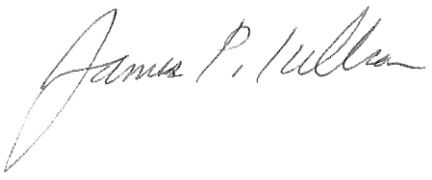
2A TYPE	TYPE	2B POINTS
C	Cave	30
SC	Solution cavity	20
SF	Solution-enlarged fracture(s)	20
F	Fault	20
O	Other natural bedrock features	5
MB	Man-made feature in bedrock	30
SW	Swallow hole	30
SH	Sinkhole	20
CD	Non-karst closed depression	5
Z	Zone, clustered or aligned features	30

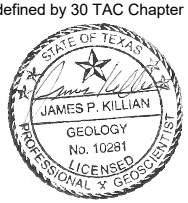
8A INFILLING	
N	None, exposed bedrock
C	Coarse - cobbles, breakdown, sand, gravel
O	Loose or soft mud or soil, organics, leaves, sticks, dark colors
F	Fines, compacted clay-rich sediment, soil profile, gray or red colors
V	Vegetation. Give details in narrative description
FS	Flowstone, cements, cave deposits
X	Other materials

12 TOPOGRAPHY

Cliff, Hilltop, Hillside, Drainage, Floodplain, Streambed

I have read, I understood, and I have followed the Texas Commission on Environmental Quality's Instructions to Geologists. The information presented here complies with that document and is a true representation of the conditions observed in the field. My signature certifies that I am qualified as a geologist as defined by 30 TAC Chapter 213.





Date: 6 April 2026

Sheet ___1___ of ___1___

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

LJA ENVIRONMENTAL SERVICES

ATTACHMENT B

STRATIGRAPHIC COLUMN

Geologic Unit	Hydrologic Unit	Approx. Thickness at Project Site (ft)	Elevation (ft msl)	Depth (ft)
			888	0
Edwards Limestone (Ked)	Edwards Aquifer	230		
			658	230
Comanche Peak Limestone (Kc)		30		
			628	300

Note: Unit elevation and thickness given with respect to a ground surface elevation of 888 feet near the center of the subject site.

LJA ENVIRONMENTAL SERVICES

Date:	03/31/2026
Drawn:	KRW
HJN NO:	260321.001 GA

Attachment B

Stratigraphic Column
RRISD McNeil High School Tract
5720 McNeil Drive
Austin, Travis & Williamson Counties, Texas

STATE OF TEXAS
JAMES P. KILLIAN
GEOLOGY
No. 10281
LICENSED
PROFESSIONAL GEOSCIENTIST

26XXXX\260321--RRISD_McNeil_High_School_Project\Graphics\260321-001GA_05A_Strat.mxd

LJA ENVIRONMENTAL SERVICES

ATTACHMENT C

DESCRIPTION OF SITE GEOLOGY

Geologic information for the subject site obtained via literature review is provided in Attachment E, Supporting Information.

A geologic assessment of approximately 99 acres of land proposed for additions to McNeil High School was conducted pursuant to Texas rules for regulated activities in the Edwards Aquifer Recharge Zone (EARZ) (30 TAC 213). The subject site consists of an existing public high school with several areas that are to be developed into additional campus amenities, such as building expansions, parking lots, roads, pathways, utilities, and/or detention ponds. The school is located at 5720 McNeil Drive in Austin, Travis and Williamson counties, Texas. Assessment findings were used to develop recommendations for site construction measures intended to be protective of water resources at the subject site and adjacent areas.

The entire subject site is located within the EARZ, as defined by the Texas Commission on Environmental Quality (TCEQ). The EARZ occurs where surface water enters the subsurface through exposed limestone bedrock containing faults, fractures, sinkholes, and caves.

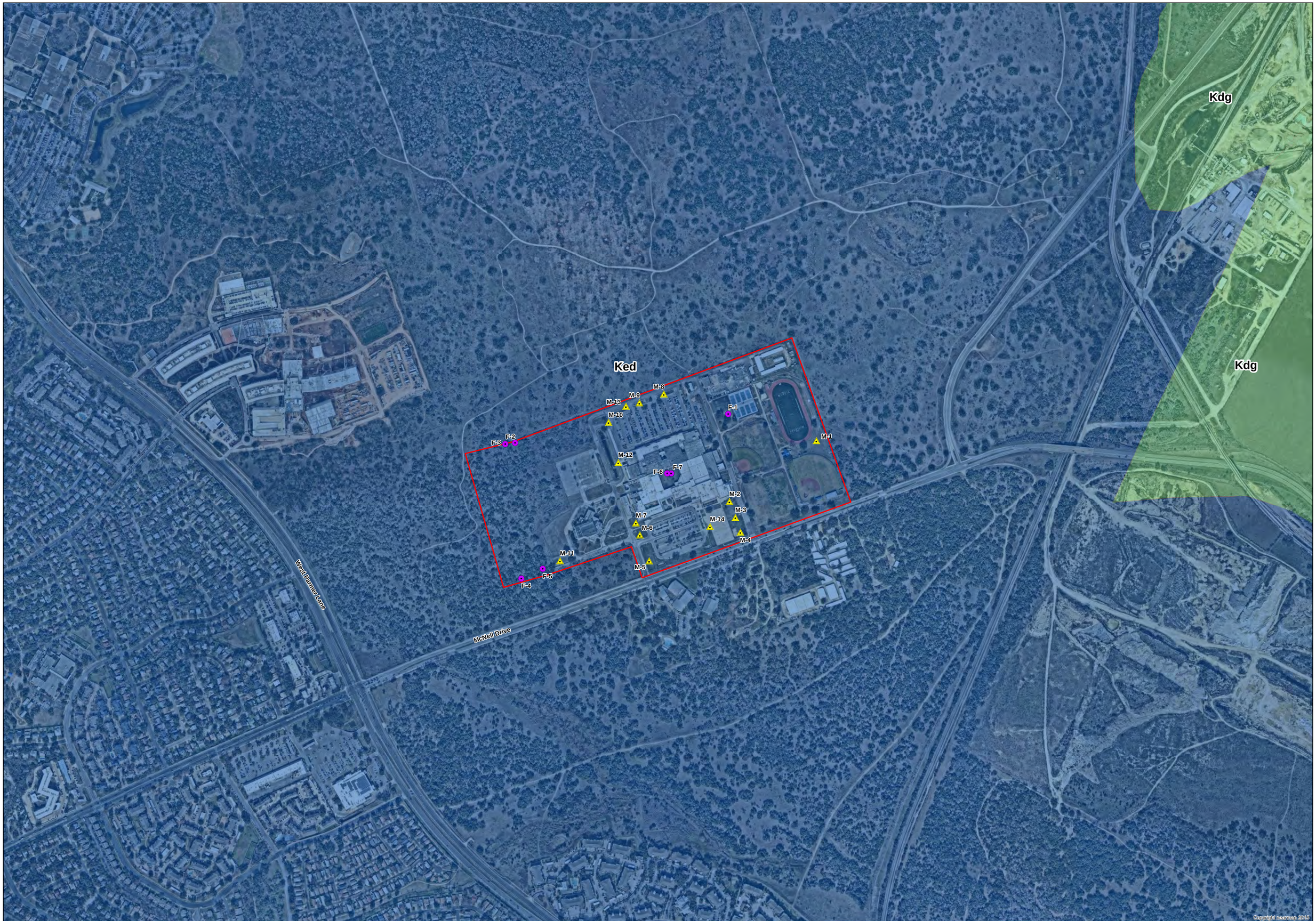
The subject site is underlain by the Edwards Limestone (Ked). Underlying the Edwards Limestone is the Comanche Peak Limestone (Kc) (UT-BEG 1995).

Seven natural geologic (recharge) features (F-1 to F-7) and 14 man-made features (M-1 to M-14) were identified at the subject site. Further information pertaining to the geologic and man-made features are presented in the following Attachments D, E, and F. Photographs of the subject site and select features are presented in Attachment G.

LJA ENVIRONMENTAL SERVICES

ATTACHMENT D

SITE GEOLOGIC MAP



ENVIRONMENTAL SERVICES

Date:	03/31/2026
Drawn:	KRW
HJN NO:	260321.001 GA
Source:	Nearmap, 2026 TWSC, 2014

Legend

- Man-Made Feature
- Sensitive Geologic Feature
- Subject Site
- Georgetown Formation, undivided (Kdg)
- Edwards Limestone (Ked)

Attachment D

Site Geologic Feature Map
RRISD McNeil High School Tract
5720 McNeil Drive
Austin, Travis & Williamson Counties, Texas

STATE OF TEXAS
JAMES P. KILLIAN
GEOLOGY
No. 10281
LICENSED
PROFESSIONAL GEOSCIENTIST

0 200 400
Feet

Scale: 1" = 400'

26XXXX\260321--RRISD_McNeil_High_School_Project\Graphics\260321-001GA_06A_SGM

LJA ENVIRONMENTAL SERVICES

ATTACHMENT E

SUPPORTING INFORMATION

1.0 INTRODUCTION AND METHODOLOGY

This report and any proposed abatement measures are intended to fulfill Texas Commission on Environmental Quality (TCEQ) reporting requirements (TCEQ, 2005). This geologic assessment includes a review of the subject site for potential aquifer recharge and documentation of general geologic characteristics for the subject site. LJA Environmental Services, LLC (LJAES) conducted the necessary field and literature studies according to TCEQ *Instructions to Geologists for Geologic Assessments on the Edwards Aquifer Recharge/Transition Zones* (TCEQ, 2004).

LJAES walked transects spaced 50 feet apart, mapped the locations of features using a sub-foot accurate Trimble Geo HX handheld GPS, and posted processed data utilizing GPS Pathfinder Office software, topographic maps, and aerial photographs. LJAES also searched the area around any potential recharge features encountered to look for additional features. When necessary, LJAES removed loose rocks and soil (by hand) to preliminarily assess each feature's subsurface extent while walking transects. However, labor-intensive excavation was not conducted during this assessment. Features that did not meet the TCEQ definition of a potential recharge feature (per TCEQ, 2004), such as surface weathering, karren, or animal burrows, were evaluated in the field and omitted from this report.

The results of this survey do not preclude the possibility of encountering subsurface voids or abandoned test or water wells during the clearing or construction phases of the proposed project. If a subsurface void is encountered during any phase of the project, work should be halted until the TCEQ (or appropriate agency) is contacted and a geologist can investigate the feature.

2.0 ENVIRONMENTAL SETTING

2.1 LOCATION AND GENERAL DESCRIPTION

The subject site consists of approximately 99 acres of an existing public high school with several areas that are to be developed into additional campus amenities, such as building expansions, parking lots, roads, pathways, utilities, and/or detention ponds. The school is located at 5720 McNeil Drive in Austin, Travis and Williamson counties, Texas (Appendix F, Figure 1).

2.2 LAND USE

The subject site is currently used as a public educational facility (high school) operated and maintained by the Round Rock Independent School District (RRISD), with local electrical, sewer, and water utilities. Surrounding lands are generally used for residential, commercial, and/or agricultural purposes. An inactive rock quarry (Austin White Lime) is located farther to the east.

2.3 TOPOGRAPHY AND SURFACE WATER

The subject site is situated on gently to moderately sloping terrain within both the Rattan Creek and Walnut Creek watersheds (Appendix F, Figures 2 and 3). Surface elevations on the subject site vary from a minimum of approximately 834 feet above mean sea level (amsl) within an unnamed tributary of Walnut Creek near the southwestern portion of the site to a maximum of approximately 888 feet amsl near the west-central portion of the site (USGS, 1987). Drainage on the site occurs primarily by overland sheet flow in multiple directions depending on proximity to various drainage areas and/or local area topography.

2.4 EDWARDS AQUIFER ZONE

The subject site is found within the Edwards Aquifer Recharge Zone (TCEQ, 2026) (Attachment F, Figure 2).

2.5 SURFACE SOILS

Five soil units are mapped within the subject site (NRCS, 2026) (Appendix F, Figure 4). Generally, the soil series are similar in their physical, chemical, and engineering properties, with the principal exception being rock fragment content and thickness. The soil units are described in further detail below.

Eckrant extremely stony clay, 0 to 3% slopes (EeB) is gently sloping and located on broad ridges and in shallow valleys on uplands. Typically, this soil has an extremely stony, very dark gray, clay surface layer about 11 inches thick. The underlying material is indurated limestone. About 25% of the surface is covered with fragments of limestone; most are about 6 inches across but range from 3 inches to 3 feet across and are as much as 10 inches thick. The soil is calcareous, moderately alkaline, and well-drained. Permeability is moderately slow, and surface runoff is rapid. The fragments of limestone on the surface help to prevent erosion. The available water capacity is very low because of the shallowness of the soil and stones in the soil (Werchan and Coker, 1983).

Georgetown stony clay loam, 1 to 3% slopes (GsB) is typically found on higher parts of uplands. Typically, this soil has a slightly acidic, brown, stony clay loam surface layer about 7 inches thick and few stones on or near the surface. The subsoil, which extends down to a depth of about 35 inches, is neutral, reddish-brown clay in the upper part and slightly acidic, reddish-brown, cobbly clay in the lower part. The underlying material is indurated, fractured limestone that has clay loam in crevices and fractures. This soil is well-drained. Permeability is slow, and surface runoff is medium. The available water capacity is low. Reaction is neutral to slightly acidic. The erosion hazard ranges to slight. The soil is suitable for urban uses, but corrosion to buried pipelines is a hazard due to the clayey subsoil. Septic systems do not function well in the clayey subsoil (Werchan and Coker, 1983).

Speck stony clay loam, moist, 1 to 5% slopes (SsC) is a soil occupying smooth, gently undulating topography. Slopes are complex and dominantly 1.5 to 3.5%. Areas are mostly broad and irregular in shape, and range from 100 to 1,000 acres in size. This soil has the profile

described as representative of the series. Reddish-brown chert pebbles and cobblestones 2 to 10 inches in diameter cover 30 to 50% of the face in most areas, and up to 80% in a few areas. Chert makes up 5 to 10% of the A horizon and 15 to 30% of the B horizon. Some areas have scattered large, outcropping limestone fragments. About 15 to 20% of the acreage of soils included in mapping is not stony or gravelly. Some soils are only 6 to 11 inches thick. A few included soils are more than 20 inches thick. A few have a grayish surface layer. This soil is not suitable for cultivation. It is well-suited to native grass range.

The Tarrant series (TaD) consists of shallow to very shallow, well-drained, stony, clayey soils overlying limestone. Large limestone rocks cover 25 to 85% of the surface. These soils occupy nearly level to gently sloping ridges, rolling side slopes, and steep, hilly breaks. Slopes are complex and range from 0.5% on ridges to 40% on breaks. Most areas are broad and irregular in shape. Tarrant soils developed under tall grass and open canopy of trees. In a representative profile, a layer of about 8 inches of dark grayish-brown, stony clay is underlain by limestone. About 50% of the surface is covered with limestone rocks 1 to 3 feet in diameter, and the lower part of the solum is about 60% smaller limestone fragments mixed with soil material. The soil is calcareous and mildly alkaline throughout. Tarrant soils are moderately slowly permeable, and the available water capacity is low.

Tarrant and Speck soils (TcA) are represented by 2 soil series at the subject site. Tarrant series consists of soils that are very shallow and shallow-to-indurated limestone bedrock, interbedded with marl and chalk. This series is commonly very dark grayish-brown to very dark brown, cobbly clay about 0.5 to 1.0 feet thick. These well-drained soils formed in residuum derived from limestone of Cretaceous age. Permeability is slow, and available water holding capacity is very low. These nearly level to very steep soils are on summits, shoulders, and backslopes of ridges on dissected plateaus. The Speck series consists of shallow, well-drained, slowly permeable soils formed in residuum, and colluvium derived from indurated limestone. This series is commonly brown to dark brown clay loam and reddish-brown clay about 0.5 to 1.0 feet thick. These soils are on nearly level to sloping uplands. Permeability is slow, and available water holding capacity is very low.

2.6 WATER WELLS

A review of TCEQ and Texas Water Development Board (TWDB) records revealed no water wells on the subject site and 12 wells within 0.5 miles of the subject site (TCEQ, 2026; TWDB, 2026). According to the TWDB records, all the off-site wells are reportedly completed within the Edwards Aquifer at total depths ranging from 20 to 200 feet below surface. LJAES observed no wells on the subject site.

The results of this assessment do not preclude the existence of undocumented/abandoned wells on the site. If a water well or casing is encountered during construction, work should be halted near the feature until the TCEQ is contacted.

2.7 GEOLOGY

Literature Review

The subject site is underlain by Edwards Limestone (Ked) (UT-BEG, 1995). Edwards Limestone is composed of limestone, dolomite, and chert. Limestone is aphanitic to fine grained, massive to thin bedded, hard, brittle, and in part rudistid biostromes, with much miliolid biosparite. Dolomite is fine to very fine grained, porous, medium gray to grayish brown. Nodules and plates are common in chert, varying in amount from bed to bed, with some intervals free of chert, mostly white to light gray. In zone of weathering, the formation is considerably recrystallized, "honeycombed," and cavernous, forming an aquifer; it forms flat areas and plateaus bordered by scarps. Thickness ranges from 60 to 350 feet, thinning northward.

The site Stratigraphic Column is provided as Attachment B, and the Site Geologic Map is Attachment D.

The subject site is located within the Balcones Fault Zone. Available geologic reports indicate the nearest mapped fault is located approximately 1 mile to the east, trending from southwest to northeast (TWSC, 2014).

Field Assessment

A field survey of the subject site was previously conducted by a licensed professional geologist (James Killian, PG) on 8 December 2015 and 12 to 13 January 2016. LJAES identified 7 natural geologic features (F-1 to F-7) on the subject site that met the TCEQ definition of a potential recharge feature. These features are further described below. Additionally, LJAES observed 11 man-made features (M-1 to M-11) at the subject site that met the TCEQ definition of a man-made potential recharge feature. A follow-up field survey of the subject site was conducted under the supervision of Mr. Killian on 25 March 2026. LJAES identified no additional geologic features that meet the TCEQ definition of a potential recharge feature. LJAES observed 3 new man-made features (M-12 to M-14) at the subject site that meet the TCEQ definition of a man-made potential recharge feature. All of the man-made features are existing surface runoff (stormwater) detention and/or retention areas.

Geologic features on the subject site are described as follows:

Geologic Feature F-1: Very large, upland sinkhole located east of Maverick Way East within an undeveloped picnic area, with existing basketball and tennis courts along the immediate north and east sides of the sinkhole, respectively. This feature measures approximately 110 feet long by 60 feet wide by 3 feet deep. No drainage portals were discovered within the sinkhole. Based on the feature's overall size, the potential for additional subgrade passage is very probable. This feature meets the requirements to be classified as a potential **cave**, based on it being a natural, underground, open space formed by dissolution of limestone that is large enough for an average-sized person to enter. This feature has an intermediate to high infiltration rate and an apparent surface runoff catchment of less than 1 acre.

Geologic feature F-2: Two solution cavities located within an open, sparsely vegetated area about 20 feet south of the fenced property boundary. Both cavities are spaced about 3 feet apart, the largest measuring approximately 3 inches in diameter by 1 foot deep. The second solution cavity measures approximately 2 inches in diameter by 1 foot deep. Slight to moderate air flow conductivity was noted at each of the solution cavity openings. Probing with a steel rod encountered loose rocks and clayey soil about 2 feet below the surface. This feature has an intermediate infiltration rate and an apparent surface runoff catchment of less than 0.4 acres. Due to its surface location and the presence of airflow conductivity, this feature is likely connected to feature F-3 (described below) into the immediate subgrade.

Geologic Feature F-3: Large, upland sinkhole measuring approximately 35 feet long by 30 feet wide by 6 feet deep that is bordered by large cedar elm and pecan trees. Along the north side of the sinkhole headwall is an open drainage portal measuring about 10 feet long by 2 to 3 feet tall. Moderate to high air flow conductivity was noted. A low (1 to 4 feet high) bedding plane void room (Bone Room) extends from the opening in a south-to-north direction for about 20 feet. Along the northeast side of this room is a headwall with an underlying, low opening which leads into a larger, open room (Diamondback Hall) about 30 feet long by 20 feet wide by 4 to 10 feet high. An additional smaller cave passage occurs to northeast of this room. This feature meets the requirements to be classified as a **cave**, based on it being a natural, underground, open space formed by dissolution of limestone that is large enough for an average-sized person to enter. According to available records, this cave was previously surveyed/mapped in November 2010 by City of Austin (COA) staff (N. Hauwert and M. Sanders) and has been officially named **Weldon Cave**. Inside the cave, the floor areas consist of loose rock and thin, dry to wet, black and red clay. An apparent large (3 feet long by 2 feet wide) internal drain of unknown extent is located within the lowest elevation of the cave's largest room along the southeast side. Approximate cave dimensions are reportedly 70 feet long by 28 feet deep. This cave has a very high infiltration rate and a surface runoff catchment of less than 1.5 acres. A map of this cave is included in Attachment F.

Geologic Feature F-4: Open solution cavity measuring approximately 2.5 feet long by 2 feet wide by 11 feet deep that is within the center of a small sinkhole about 10 feet in diameter by 2 feet deep. A locked steel gate has been installed over this solution cavity opening. Moderate air flow conductivity was noted from the opening. The solution cavity widens with depth into a 3 to 6-foot-high bedding plane void room that is about 40 feet long (east to west) and about 25 feet wide. This feature meets the requirements to be classified as a **cave**, based on it being a natural, underground, open space formed by dissolution of limestone that is large enough for an average-sized person to enter. According to available records, this cave was previously surveyed/mapped in November 2010 by COA staff (N. Hauwert and M. Sanders) and has been officially named **No Rent Cave**. Inside the cave, the floor areas consist of loose rock and thin, dry to moist, black and red clay. An apparent narrow (2 feet long by 1 feet wide by 5 feet deep) internal drain of unknown extent is located within the lowest elevation of the cave's floor. Approximate cave dimensions are reportedly 60 feet long by 17 feet deep. This cave has a very high infiltration rate and a surface runoff catchment of less than 1 acre. A map of this cave is included in Attachment F.

Geologic feature F-5: Small solution cavity located along the upper edge of an unnamed tributary of Walnut Creek. The solution cavity measures approximately 1 foot long by

0.8 feet wide by 2.5 feet deep. Slight air flow conductivity was noted at the solution cavity opening. Probing with a steel rod encountered loose rocks and clayey soil about 3 feet below the surface. This feature has an intermediate infiltration rate and an apparent surface runoff catchment of less than 0.4 acres.

Geologic features F-6 and F-7: Large, upland sinkhole measuring approximately 80 feet long by 70 feet wide by 4 feet deep that is bordered by oak and cedar elm trees. This sinkhole is located within an undeveloped, secured (off-limits) courtyard near the center of the school campus that is surrounded on all sides by existing school buildings. Along the southwest and northeast sides of the sinkhole are 2 open drainage portals measuring about 3 to 4 feet in diameter that are secured with (locked) metal gates. Entry into these gated openings was not conducted. According to available records, these gated openings lead into 2 known **caves** that were previously surveyed/mapped in October 1992 by Mike Warton and Associates and officially identified as **Millipede Cave** (F-6) and **Millipede Annex Cave** (F-7). Millipede Cave extends toward the south/southwest from its gated entrance in a low bedding plane void measuring approximately 120 feet long by 15 feet wide by 2 to 4 feet high. Millipede Annex Cave extends toward the northeast from its gated entrance into another low bedding plane void measuring approximately 65 feet long by 10 to 20 feet wide by 3 to 5 feet high. Both of these caves have a very high infiltration rate and a surface runoff catchment of less than 1 acre**.** A map of these caves is included in Attachment F.

The Geologic Assessment Table (Attachment A) describes those features observed on the subject site that meet the TCEQ definition of a potential recharge feature.

3.0 CONCLUSIONS AND RECOMMENDATIONS

All of the geologic features (F-1 to F-7) have been evaluated as sensitive for groundwater recharge capability and would therefore require a TCEQ protective setback buffer. In general, a protective buffer encompassing a sensitive feature is recommended to meet the TCEQ guidance for a setback of at least 50 feet in all directions from the feature's areal extent (perimeter), plus its watershed catchment up to 200 feet from the perimeter of the feature. However, a larger protective buffer for each (cave) feature is recommended to meet the TCEQ guidance for a setback of a cave with an undetermined subsurface footprint (F-1) and caves with known subsurface footprints (F-3 [Weldon Cave], F-4 [No Rent Cave], F-6 [Millipede Cave], and F-7 [Millipede Annex Cave]).

For geologic feature F-1, the cave footprint is assumed to extend 150 feet in all directions from the sinkhole perimeter and then a protective buffer zone extending an additional 50 feet in all directions from the footprint is applied, plus each cave's watershed catchment up to 200 feet from the footprint. However, because of the presence of existing school infrastructure, such as a road (Maverick Way East) and paved basketball/tennis courts adjoining the sinkhole, LJAES recommends the setback buffer for feature F-1 be reduced to the immediate (undeveloped) school campus picnic area (~0.75 acres) (Appendix F, Figure 5).

For geologic features F-3 and F-4, the cave footprints have been previously surveyed and mapped (COA, 2010). As a result, caves with a known subsurface footprint require a

protective buffer zone extending an additional 50 feet in all directions from the footprint, plus each cave's watershed catchment up to 200 feet from the footprint (Appendix F, Figure 5).

For geologic features F-6 and F-7, the cave footprints have been previously surveyed and mapped (Mike Warton & Associates, 1992). However, because of the presence of existing school infrastructure (buildings) surrounding these caves, LJAES recommends the setback buffer for each these features occur only within the (undeveloped) school campus courtyard area (~0.62 acres) (Appendix F, Figure 5).

All of the man-made features (M-1 to M-14) have been evaluated as non-sensitive for groundwater recharge capability and would therefore not require TCEQ protective setback buffers. No further action is recommended for these non-sensitive man-made features.

The site generally appears well-suited to development prospectuses. It should be noted that soil and drainage erosion would increase with ground disturbance. Native grasses and the cobbly content of the soil aid to prevent erosion. Soil and sedimentation fencing should be placed in all appropriate areas prior to any site-disturbing activities.

Because the subject site is located over the Edwards Aquifer Recharge Zone, it is possible that subsurface voids underlie the site. If any subsurface voids are encountered during site development, work should halt immediately so that a geologist may assess the potential for the void(s) to provide meaningful contribution to the Edwards Aquifer.

4.0 REFERENCES

(COA) City of Austin. Cave maps of Weldon and No Rent Cave by Nico Hauwert and Mark Sanders. Mapped 4 November 2010.

_____. Geographic Information Systems/Maps. *2017 2-foot Contours,* <http://austintexas.gov/department/gis-and-maps/gis-data>. Updated 15 August 2019.

Mike Warton and Associates. Map of Millipede and Millipede Annex Caves. Mapped 6 October 1992.

(Nearmap) Nearmap US, Inc. Nearmap Vertical™ digital orthographic photograph, <https://go.nearmap.com>. Imagery date 2026.

(NRCS) US Department of Agriculture, Natural Resources Conservation Service. Web Soil Survey, <http://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm>. Soil map data layer updated 12 September 2019. Accessed 26 March 2026.

(OSM) OpenStreetMap contributors. OpenStreetMap, <http://www.openstreetmap.org>. Available under the Open Database License (www.opendatacommons.org/licenses/odbl). Accessed 31 March 2026.

(TCEQ) Texas Commission on Environmental Quality. Instructions to Geologists for Geologic Assessments on the Edwards Aquifer Recharge/Transition Zones. Revised October 2004.

_____. RG-348, Complying with the Edwards Aquifer Rules: Technical Guidance on Best Management Practices. Revised July 2005.

_____. Optional Enhanced Measures for the Protection of Water Quality in the Edwards Aquifer (Revised). Appendix A to RG-348, Complying with the Edwards Aquifer Rules: Technical Guidance on Best Management Practices. September 2007.

_____. Edwards Aquifer Protection Program. Edwards Aquifer Viewer, <http://www.tceq.state.tx.us/field/eapp/viewer.html>. Accessed 26 March 2026.

(TWDB) Texas Water Development Board. Water Information Integration and Dissemination System. TWDB Groundwater Database, <https://www3.twdb.texas.gov/apps/waterdatainteractive/groundwaterdataviewer>. Accessed 27 March 2026.

(TWSC) United States Geological Survey, Texas Water Science Center. Geologic Database of Texas, <https://txpub.usgs.gov/txgeology/>. Updated 1 February 2014; Accessed 26 March 2026.

(UT-BEG) University of Texas Bureau of Economic Geology, C.V. Proctor, Jr., T.E. Brown, J.H. McGowen, N.B. Waechter, and V.E. Barnes. *Geologic Atlas of Texas*, Austin Sheet, Francis Luther Whitney Memorial Edition. 1974; revised 1981.

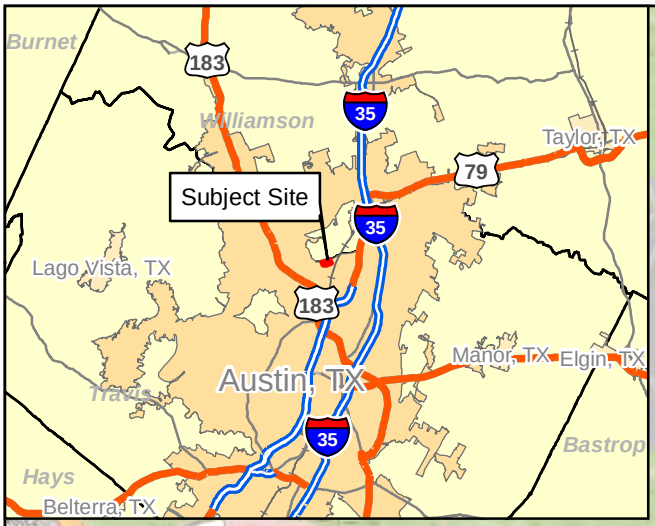
(USGS) US Geological Survey. 7.5-minute series topographic maps, Pflugerville West, Texas, quadrangle. 1987.

Werchan, L. E., and J. L. Coker. Soil survey of Travis County, Texas. US Department of Agriculture, Natural Resources Conservation Service (formerly Soil Conservation Service), in cooperation with the Texas Agricultural Experiment Station. 1974.

Werchan, L. E., and J. L. Coker. Soil survey of Williamson County, Texas. US Department of Agriculture, Natural Resources Conservation Service (formerly Soil Conservation Service), in cooperation with the Texas Agricultural Experiment Station. 1983

ATTACHMENT F

ADDITIONAL SITE MAPS



Subject Site
Lat: 30.448089 N
Long: -97.734748 W

Legend

Subject Site

STATE OF TEXAS
JAMES P. KILLIAN
GEOLOGY
No. 10281
LICENSED
PROFESSIONAL GEOSCIENTIST

LJA ENVIRONMENTAL SERVICES

Date:	03/31/2026
Drawn:	KRW
LJAES NO:	260321.001 GA
Source:	OSM, 2026

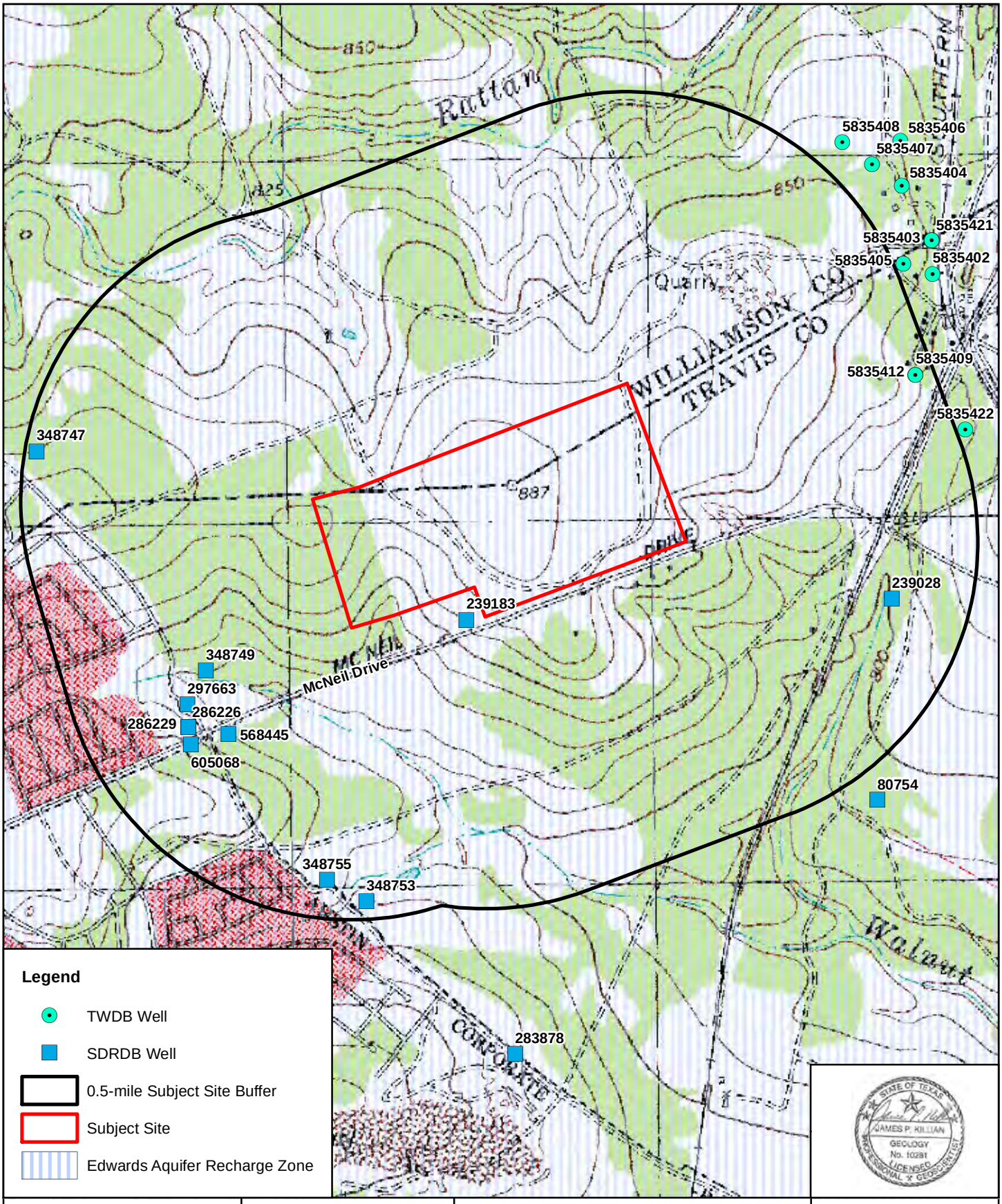
Attachment F, Figure 1

Vicinity Map
RRISD McNeil High School Tract
5720 McNeil Drive
Austin, Travis & Williamson Counties, Texas

N

0 1,000 2,000
Feet

26XXXX\260321--RRISD_McNeil_High_School_Project\Graphics\260321-001GA_01A_Vicinity



Date:	03/31/2026
Drawn:	KRW
LJAES NO:	260321.001 GA
Source:	TCEQ, 2026 TWDB, 2026 USGS, 1987

Attachment F, Figure 2

Topography and Hydrogeology Map
RRISD McNeil High School Tract
5720 McNeil Drive
Austin, Travis & Williamson Counties, Texas

0 600 1,200
Feet

26XXXX\260321--RRISD_McNeil_High_School_Project\Graphics\260321-001GA_02A_TopoHydro

Legend

2-Foot Contour

Subject Site

STATE OF TEXAS
JAMES P. KILLIAN
GEOLOGY
No. 10281
LICENSED
PROFESSIONAL GEOSCIENTIST

LJA ENVIRONMENTAL SERVICES

Date:	03/31/2026
Drawn:	KRW
LJAES NO:	260321.001 GA
Source:	COA, 2019 Nearmap, 2026

Attachment F, Figure 3

Topographic Map
RRISD McNeil High School Tract
5720 McNeil Drive
Austin, Travis & Williamson Counties, Texas

N

0 300 600
Feet

26XXXX\260321--RRISD_McNeil_High_School_Project\Graphics\260321-001GA_03A_Topo

Legend

- Soil Unit Boundary
- Subject Site

STATE OF TEXAS
JAMES P. KILLIAN
GEOLOGY
No. 10281
LICENSED
PROFESSIONAL GEOSCIENTIST

LJA ENVIRONMENTAL SERVICES

Date:	03/31/2026
Drawn:	KRW
LJAES NO:	260321.001 GA
Source:	Nearmap, 2026; NRCS, 2025

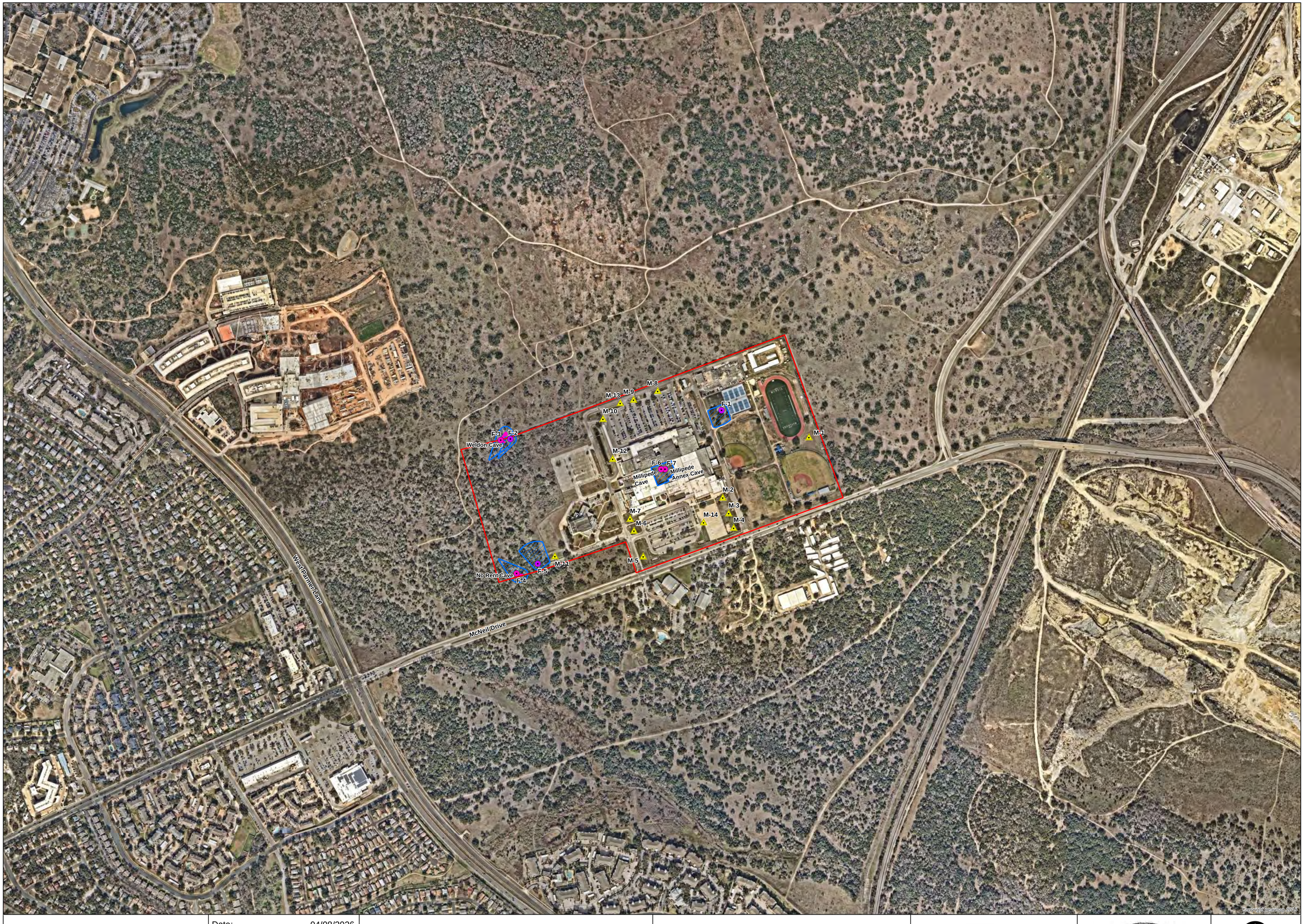
Attachment F, Figure 4

Soil Map
RRISD McNeil High School Tract
5720 McNeil Drive
Austin, Travis & Williamson Counties, Texas

N

0 300 600
Feet

26XXXX\260321--RRISD_McNeil_High_School_Project\Graphics\260321-001GA_04A_Soil



Date:	04/08/2026
Drawn:	KRW
HJN NO:	260321.001 GA
Source:	Nearmap, 2026

Legend

- Cave
- Man-Made Feature
- Sensitive Geologic Feature
- Subject Site
- TCEQ Buffer

Attachment F, Figure 5

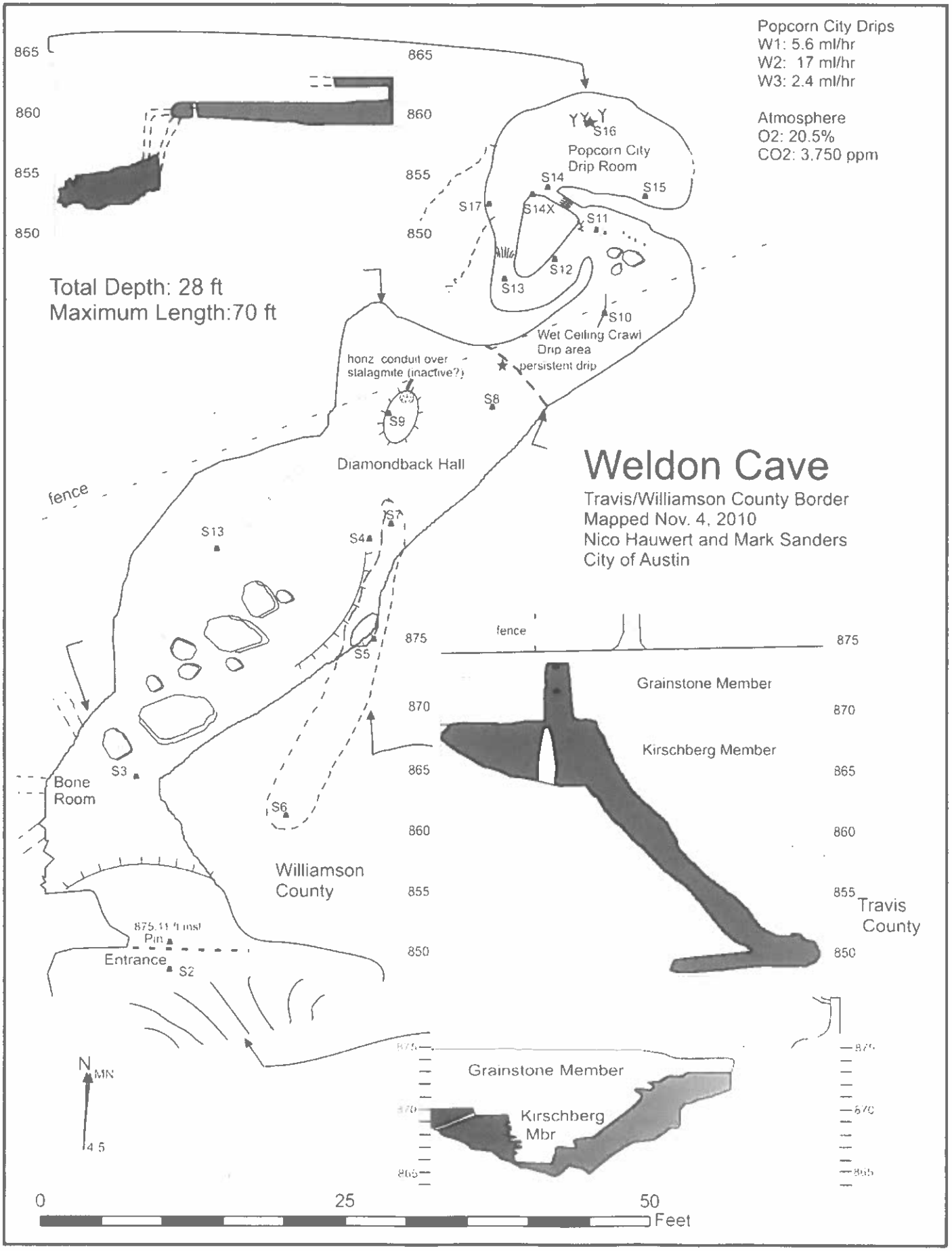
Site Geologic Feature Buffer Map
RRISD McNeil High School Tract
5720 McNeil Drive
Austin, Travis & Williamson Counties, Texas

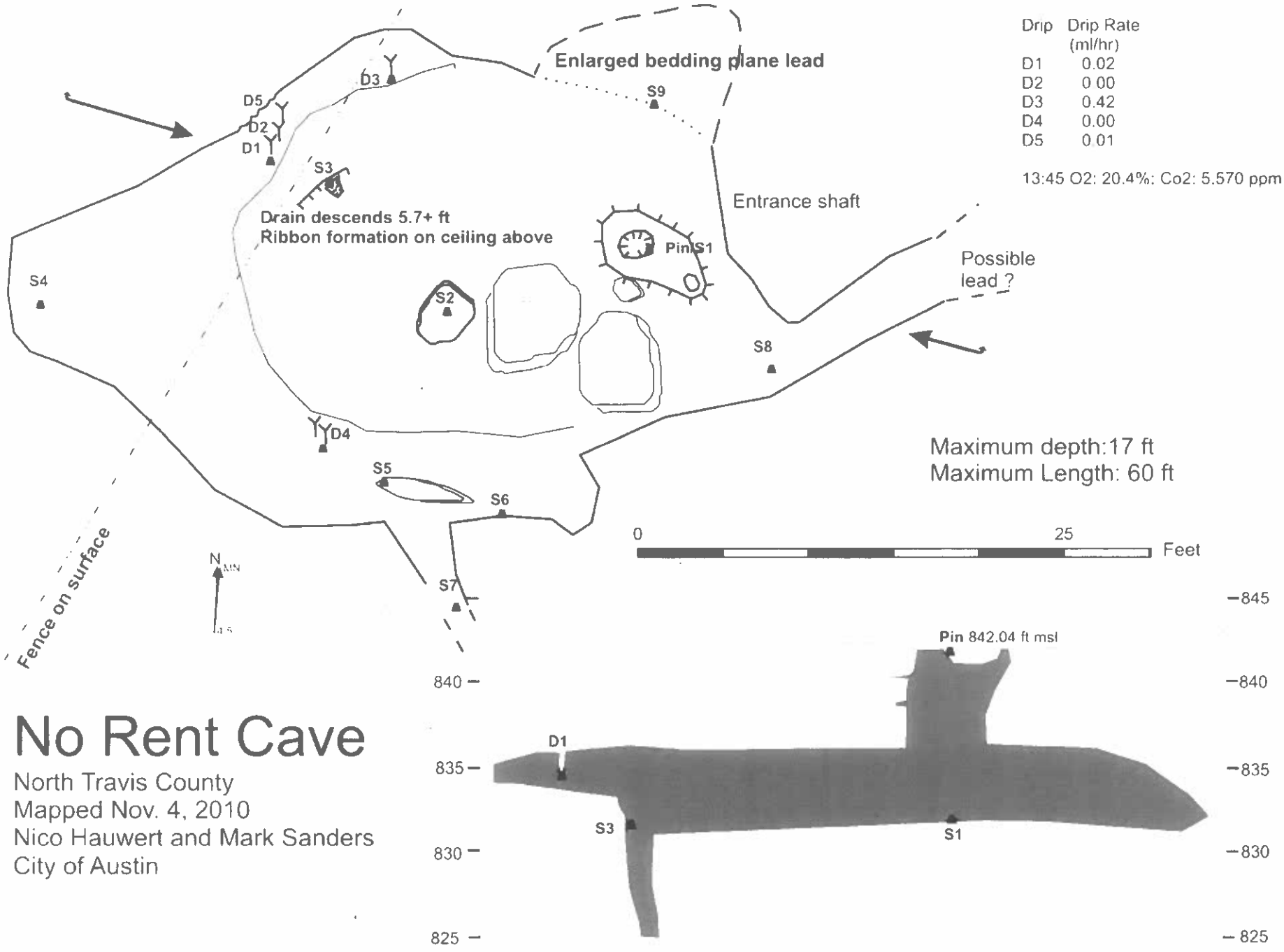
STATE OF TEXAS
JAMES P. KILLIAN
GEOLOGY
No. 10281
LICENSED
PROFESSIONAL GEOSCIENTIST

0 200 400
Feet

Scale: 1" = 400'

26XXXX\260321--RRISD_McNeil_High_School_Project\Graphics\260321-001GA_07A_Buffer


Popcorn City Drips
W1: 5.6 ml/hr
W2: 17 ml/hr
W3: 2.4 ml/hr
Atmosphere
O2: 20.5%
CO2: 3.750 ppm
Total Depth: 28 ft
Maximum Length:70 ft
Popcorn City Drip Room
Wet Ceiling Crawl
Drip area
persistent drip
horiz conduit over stalagmite (inactive?)
Diamondback Hall
fence
Bone Room
Williamson County
Entrance
Pin
Grainstone Member
Kirschberg Member
Travis County
Kirschberg Mbr
Weldon Cave
Travis/Williamson County Border
Mapped Nov. 4, 2010
Nico Hauwert and Mark Sanders
City of Austin
0
25
50
Feet



Drip	Drip Rate (ml/hr)
D1	0.02
D2	0 00
D3	0.42
D4	0.00
D5	0 01

13:45 O2: 20.4%; Co2: 5.570 ppm

No Rent Cave

North Travis County
Mapped Nov. 4, 2010
Nico Hauwert and Mark Sanders
City of Austin

"MILLIPEDE" AND "MILLIPEDE ANNEX" CAVES

MILLIPEDE CAVE COMPLEX

MC NEIL HIGH SCHOOL R.R.I.S.D.
WILLIAMSON/TRAVIS COUNTY LINES;

TRAVIS COUNTY, TEXAS

DATE: OCTOBER 6, 1992

PREPARED BY: MIKE WARTON & ASSOCIATES

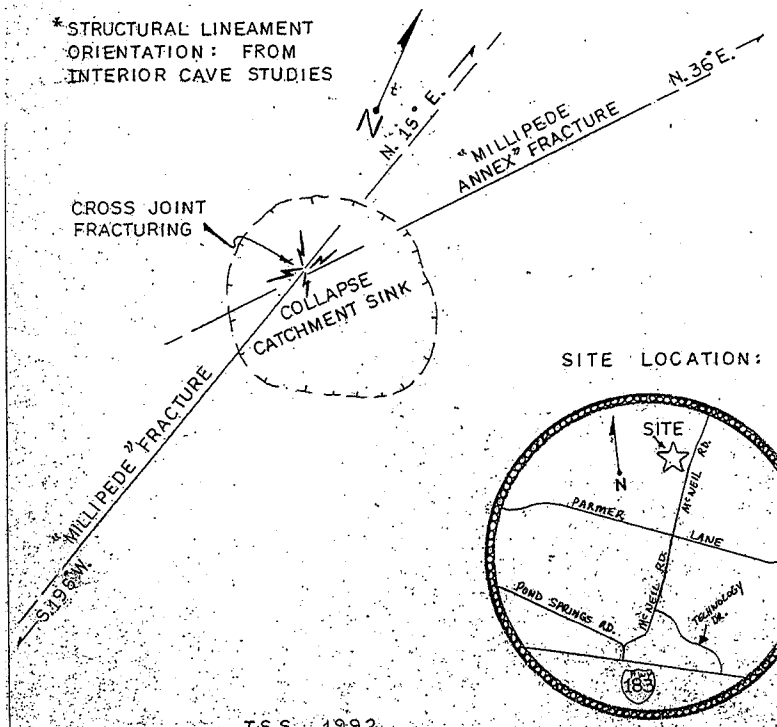
UNITS: SUUNTOS & TAPE SURVEYS / FEET & TENTHS

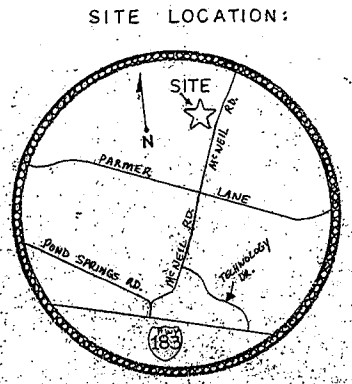
PERSONNEL:

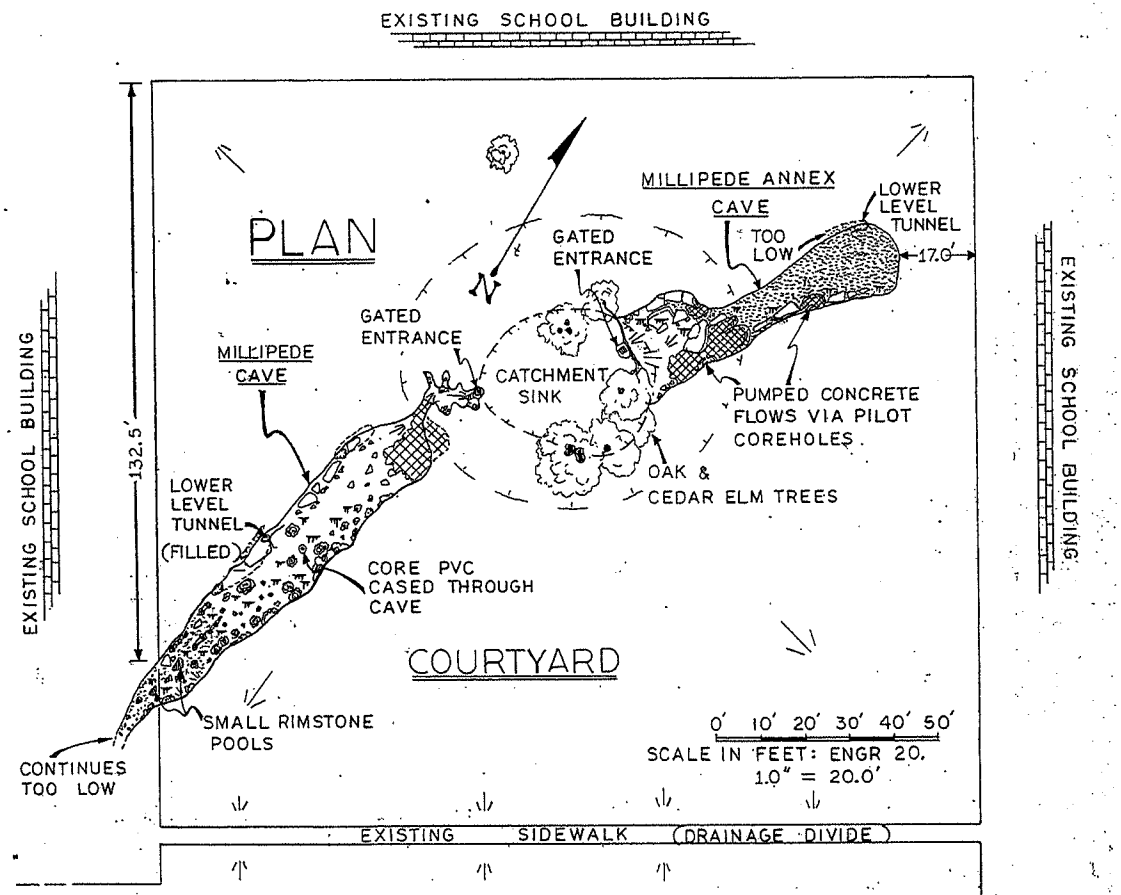
CHARLEY SAVVAS LEE JAY GRAVES

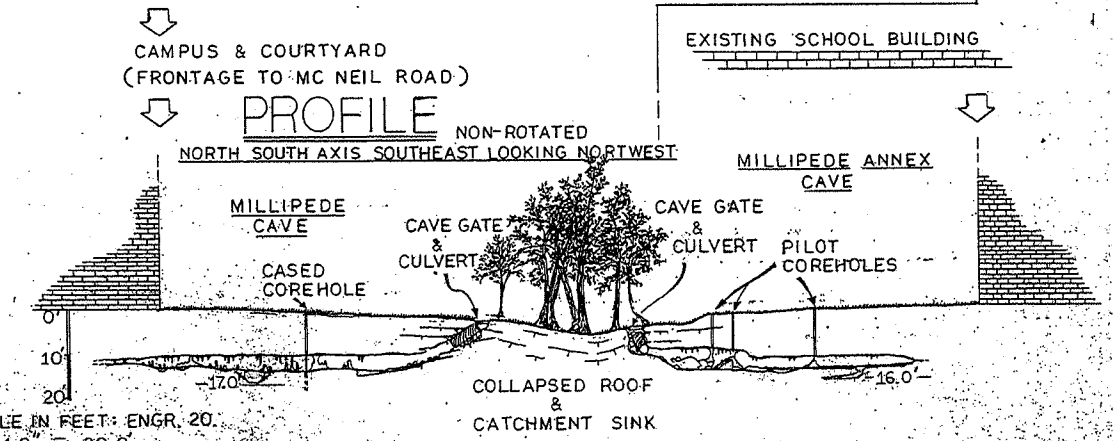
DOUG ALLEN MIKE WARTON

DRAFT BY: MIKE WARTON









*EDWARDS LIMESTONE FM. (Ked) MEMBER NO. 1 (BASAL UNIT)

T.S.S. 1992

LJA ENVIRONMENTAL SERVICES

ATTACHMENT G

SITE PHOTOGRAPHS

LJA ENVIRONMENTAL SERVICES

PHOTO 1
View of geologic feature F-1 (large upland sinkhole) located within McNeil High School recreational area, facing northeast

PHOTO 2
View of geologic feature F-2 (two small solution cavities), facing northwest

PHOTO 3
View of geologic feature F-3 (upland sinkhole/Weldon Cave), facing northwest

PHOTO 4
View of geologic feature F-4 (gated solution cavity/No Rent Cave), facing southwest

PHOTO 5
View of geologic feature F-5 (solution cavity), facing northwest

PHOTO 6
View of geologic feature F-6 (gated sinkhole/Millipede Cave), facing southwest

PHOTO 7
View of geologic feature F-7 (gated sinkhole/Millipede Annex Cave), facing southeast

PHOTO 8
View of man-made feature M-1, facing south/southeast

PHOTO 9
View of man-made feature M-2, facing north

PHOTO 10
View of man-made feature M-3, facing southeast

PHOTO 11
View of man-made feature M-4, facing southeast

PHOTO 12
View of man-made feature M-5, facing southwest

PHOTO 13
View of man-made feature M-6, facing northwest

PHOTO 14
View of man-made feature M-7, facing northwest

PHOTO 15
View of man-made feature M-8, facing northeast

PHOTO 16
View of man-made feature M-9, facing northeast

PHOTO 17
View of man-made feature M-10, facing northeast

PHOTO 18
View of man-made feature M-11, facing south

PHOTO 19
View of man-made feature M-12, facing northwest

PHOTO 20
View of man-made feature M-13, facing northeast

PHOTO 21
View of man-made feature M-14, facing southwest

Modification of a Previously Approved Plan

Texas Commission on Environmental Quality

for Regulated Activities on the Edwards Aquifer Recharge Zone and Transition Zone and Relating to 30 TAC 213.4(j), 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 request for a **Modification of a Previously Approved Plan** is hereby submitted for TCEQ review and executive director approval. The request was prepared by:

Print Name of Customer/Agent: Darren Huckert, P.E.

Date: 04/14/2026

Signature of Customer/Agent:

GEMC SIGN

Project Information

1. Current Regulated Entity Name: WESTSIDE MAINTENANCE ANNEX
   Original Regulated Entity Name: RRISD McNeil High School
   Regulated Entity Number(s) (RN): 101121390
   Edwards Aquifer Protection Program ID Number(s): 11001878 (most recent)11-01060502 11-06073101, 11-07052502, 11-08043007, 11-10070901, 11-88021601, 11-93062402, 11-95102501, 11-97091501, 11-99091001, 11000174, 11000175, 11001878, 45848 TXR150025472, TXR15885M
   ☒ The applicant has not changed and the Customer Number (CN) is: 600355358
   ☐ The applicant or Regulated Entity has changed. A new Core Data Form has been provided.

2. ☒ **Attachment A: Original Approval Letter and Approved Modification Letters**. A copy of the original approval letter and copies of any modification approval letters are attached.

3. A modification of a previously approved plan is requested for (check all that apply):
   - ☒ Physical or operational modification of any water pollution abatement structure(s) including but not limited to ponds, dams, berms, sewage treatment plants, and diversionary structures;
   - ☐ Change in the nature or character of the regulated activity from that which was originally approved or a change which would significantly impact the ability of the plan to prevent pollution of the Edwards Aquifer;
   - ☐ Development of land previously identified as undeveloped in the original water pollution abatement plan;
   - ☐ Physical modification of the approved organized sewage collection system;
   - ☐ Physical modification of the approved underground storage tank system;
   - ☐ Physical modification of the approved aboveground storage tank system.

4. ☒ Summary of Proposed Modifications (select plan type being modified). If the approved plan has been modified more than once, copy the appropriate table below, as necessary, and complete the information for each additional modification.

WPAP Modification Summary	***Approved Project***	***Proposed Modification***
Acres	96.89	4.05
Type of Development	High School	High School
Number of Residential Lots	N/A	N/A
Impervious Cover (acres)	36.8	37.79
Impervious Cover (%	38%	39.00%
Permanent BMPs	WQP A-F	Self-treating turf field underdrain system
Other	_____	_____

SCS Modification Summary	***Approved Project***	***Proposed Modification***
Linear Feet	_____	_____
Pipe Diameter	_____	_____
Other	_____	_____

AST Modification Summary	***Approved Project***	***Proposed Modification***
Number of ASTs	_____	N/A
Volume of ASTs	_____	_____
Other	_____	_____

UST Modification Summary	***Approved Project***	***Proposed Modification***
Number of USTs	_____	N/A
Volume of USTs	_____	_____
Other	_____	_____

5. ☒ **Attachment B: Narrative of Proposed Modification**. A detailed narrative description of the nature of the proposed modification is attached. It discusses what was approved, including any previous modifications, and how this proposed modification will change the approved plan.

6. ☒ **Attachment C: Current Site Plan of the Approved Project**. A current site plan showing the existing site development (i.e., current site layout) at the time this application for modification is attached. A site plan detailing the changes proposed in the submitted modification is required elsewhere.
   - ☐ The approved construction has not commenced. The original approval letter and any subsequent modification approval letters are included as Attachment A to document that the approval has not expired.
   - ☐ The approved construction has commenced and has been completed. Attachment C illustrates that the site was constructed as approved.
   - ☐ The approved construction has commenced and has been completed. Attachment C illustrates that the site was **not** constructed as approved.
   - ☒ The approved construction has commenced and has **not** been completed. Attachment C illustrates that, thus far, the site was constructed as approved.
   - ☐ The approved construction has commenced and has **not** been completed. Attachment C illustrates that, thus far, the site was **not** constructed as approved.

7. ☐ The acreage of the approved plan has increased. A Geologic Assessment has been provided for the new acreage.
   ☒ Acreage has not been added to or removed from the approved plan.

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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

August 26, 2022

Mr. Terry Worcester
Round Rock Independent School District
1311 Round Rock Avenue.
Round Rock, TX 78681

Re: Edwards Aquifer, Travis, and Williamson County

NAME OF PROJECT: Westside Maintenance Annex; Located 5720 McNeil Drive; Austin ETJ, Texas

TYPE OF PLAN: Request for Approval of a Water Pollution Abatement Plan (WPAP) and an Organized Sewage Collection System (SCS); 30 Texas Administrative Code (TAC) Chapter 213 & 217 Edwards Aquifer

Edwards Aquifer Protection Program ID Nos. 11003045 (WPAP) and 11003046 (SCS); Regulated Entity No. RN101121390

Dear Mr. Worcester:

The Texas Commission on Environmental Quality (TCEQ) has completed its review of the WPAP and SCS applications for the above-referenced project submitted to the Austin Regional Office by Garza EMC, LLC on behalf of Round Rock Independent School District on April 11, 2022. Final review of the WPAP and SCS applications was completed after additional material was received on July 21, 2022, August 10, 2022, and August 23, 2022. As presented to the TCEQ, the Temporary and Permanent Best Management Practices (BMPs) were selected, and construction plans were prepared by a Texas Licensed Professional Engineer to be in general compliance with the requirements of 30 TAC Chapter 213 and Chapter 217. These planning materials were sealed, signed, and dated by a Texas Licensed Professional Engineer. Therefore, based on the engineer's concurrence of compliance, the planning materials for construction of the proposed project and pollution abatement measures are hereby approved subject to applicable state rules and the conditions in this letter. The applicant or a person affected may file with the chief clerk a motion for reconsideration of the executive director's final action on this Edwards Aquifer Protection Plan. A motion for reconsideration must be filed no later than 23 days after the date of this approval letter. *This approval expires two (2) years from the date of this letter unless, prior to the expiration date, more than 10 percent of the construction has commenced on the project or an extension of time has been requested.*

BACKGROUND

The RRISD McNeil High School WPAP, approved on December 18, 2020 (EAPP ID No. 11001878) superseded the prior WPAP approvals on the site and was inclusive of all prior impervious cover and other improvements which have been approved. The total site acreage for the approved project is 96.65 acres. The campus currently includes a high school facility, a performing arts center, dance building, science building, cafeteria addition, associated

educational buildings with added parking lots, drives, utilities, multiple sports fields (Baseball, football, soccer, tennis, track, and softball), miscellaneous concrete foundations, and seven water quality ponds of which some have detention basins.

The RRISD McNeil High Scholl SCS, approved on June 27, 2016 (EAPP ID No. 11000175) included a force main consisting of 452 linear feet of 2-inch DI CL350 iron pipe, gravity SCS line consisting of 2088 linear feet of SDR 26 PVC pipe, manholes, and appropriate appurtenances.

PROJECT DESCRIPTION

WPAP DESCRIPTON

The proposed residential project will have an area of approximately 96.89 acres. It includes a green house, fire lane, barn overhang, replacing the existing cattle pen with a new cattle pen and utility improvements. An existing parking lot, sidewalk, drainage channel and headwall, concrete foundation, concrete curb and gutter and shotput range will be removed. There are no sensitive features located within the limits of construction of this project. The impervious cover will be increased by 0.99 acres to 37.79 (39.0 percent).

SCS DESCRIPTION

The proposed SCS will provide disposal service for the cattle pen structure. The gravity SCS system will consist of 223 linear feet of 6-inch SDR-26 PVC pipe that meets ASTM-D3034 standards.

The system will be connected to an existing City of Austin wastewater line for conveyance to the existing Walnut Creek Regional Wastewater Treatment Plant for treatment and disposal. The project is located within the City of Austin (ETJ) and will conform to all applicable codes, ordinances, and requirements of the City of Austin.

PERMANENT POLLUTION ABATEMENT MEASURES

To prevent the pollution of stormwater runoff originating on-site or upgradient of the site and potentially flowing across and off the site after construction, a new partial sedimentation/filtration pond (Ag Water Quality Basin) designed using the TCEQ technical guidance document, Complying with the Edwards Aquifer Rules: Technical Guidance on Best Management Practices (2005), will be constructed to treat stormwater runoff. The required total suspended solids (TSS) treatment for this project is 862 pounds of TSS generated from the 0.99 acres of impervious cover. The approved measures meet the required 80 percent removal of the increased load in TSS caused by the project.

GEOLOGY

According to the Geologic Assessment (GA) included with the application, the site is underlain by the Undifferentiated Edwards Limestone Formation. Natural buffers were proposed for seven sensitive features (F1, F2, F3, F4, F5, F6, and F7) located within the site. The natural buffers proposed for the features are illustrated within the GA and within the final plan sheets of the application. No regulated activities (such as construction or soil disturbing activities) will take place within the natural buffers. The site is located within the Edwards Aquifer recharge zone. The TCEQ site assessment conducted on July 05, 2022, revealed the site to be generally in accordance with the description included in the GA.

SPECIAL CONDITIONS

I. All permanent pollution abatement measures shall be operational prior to occupancy of the facility.

II. All sediment and/or media removed from the water quality basin during maintenance activities shall be properly disposed of according to 30 TAC 330 or 30 TAC 335, as applicable.

III. This modification is subject to all Special and Standard Conditions listed in the WPAP and SCS approval letters EAPP ID No. 11001878 and EAPP ID No. 11000175.

STANDARD CONDITIONS

1. Pursuant to Chapter 7 Subchapter C of the Texas Water Code, any violations of the requirements in 30 TAC Chapter 213 may result in administrative penalties.
2. The holder of the approved Edwards Aquifer protection plan must comply with all provisions of 30 TAC Chapter 213 and all best management practices and measures contained in the approved plan. Additional and separate approvals, permits, registrations and/or authorizations from other TCEQ Programs (i.e., Stormwater, Water Rights, UIC) can be required depending on the specifics of the plan.
3. In addition to the rules of the Commission, the applicant may also be required to comply with state and local ordinances and regulations providing for the protection of water quality.

Prior to Commencement of Construction:

4. Within 60 days of receiving written approval of an Edwards Aquifer Protection Plan, the applicant must submit to the Austin Regional Office, proof of recordation of notice in the county deed records, with the volume and page number(s) of the county deed records of the county in which the property is located. A description of the property boundaries shall be included in the deed recordation in the county deed records. A suggested form (Deed Recordation Affidavit, TCEQ-0625) that you may use to deed record the approved WPAP is enclosed.
5. All contractors conducting regulated activities at the referenced project location shall be provided a copy of this notice of approval. At least one complete copy of the approved WPAP, SCS and this notice of approval shall be maintained at the project location until all regulated activities are completed.
6. Modification to the activities described in the referenced WPAP and SCS applications following the date of approval may require the submittal of a plan to modify this approval, including the payment of appropriate fees and all information necessary for its review and approval prior to initiating construction of the modifications.
7. The applicant must provide written notification of intent to commence construction, replacement, or rehabilitation of the referenced project. Notification must be submitted to the Austin Regional Office no later than 48 hours prior to commencement of the regulated activity. Written notification must include the date on which the regulated activity will commence, the name of the approved plan and program ID number for the regulated activity, and the name of the prime contractor with the name and telephone number of the contact person. The executive director will use the notification to determine if the approved plan is eligible for an extension.
8. Temporary erosion and sedimentation (E&S) controls, i.e., silt fences, rock berms, stabilized construction entrances, or other controls described in the approved WPAP and SCS, must be installed prior to construction and inspected, maintained, and repaired during construction. Temporary E&S controls may be removed when vegetation is established, and the construction area is stabilized. If a water quality pond is proposed,

it shall be used as a sedimentation basin during construction. The TCEQ may monitor stormwater discharges from the site to evaluate the adequacy of temporary E&S control measures. Additional controls may be necessary if excessive solids are being discharged from the site.

9. All borings with depths greater than or equal to 20 feet must be plugged with non-shrink grout from the bottom of the hole to within three (3) feet of the surface. The remainder of the hole must be backfilled with cuttings from the boring. All borings less than 20 feet must be backfilled with cuttings from the boring. All borings must be backfilled or plugged within four (4) days of completion of the drilling operation. Voids may be filled with gravel.

<u>During Construction:</u>

10. During the course of regulated activities related to this project, the applicant or agent shall comply with all applicable provisions of 30 TAC Chapter 213 and Chapter 217, Edwards Aquifer. The applicant shall remain responsible for the provisions and conditions of this approval until such responsibility is legally transferred to another person or entity.
11. This approval does not authorize the installation of temporary aboveground storage tanks on this project. If the contractor desires to install a temporary aboveground storage tank for use during construction, an application to modify this approval must be submitted and approved prior to installation. The application must include information related to tank location and spill containment. Refer to Standard Condition No. 6, above.
12. If any sensitive feature (caves, solution cavities, sink holes, etc.) is discovered during construction, all regulated activities near the feature must be suspended immediately. The applicant or his agent must immediately notify the Austin Regional Office of the discovery of the feature. Regulated activities near the feature may not proceed until the executive director has reviewed and approved the methods proposed to protect the feature and the aquifer from potentially adverse impacts to water quality. The plan must be sealed, signed, and dated by a Texas Licensed Professional Engineer.
13. All water wells including injection, dewatering, and monitoring wells must be in compliance with the requirements of the Texas Department of Licensing and Regulation under Title 16 TAC Chapter 76 (relating to Water Well Drillers and Pump Installers) and all other locally applicable rules, as appropriate.
14. If sediment escapes the construction site, the sediment must be removed at a frequency sufficient to minimize offsite impacts to water quality (e.g., fugitive sediment in street being washed into surface streams or sensitive features by the next rain). Sediment must be removed from sediment traps or sedimentation ponds not later than when design capacity has been reduced by 50 percent. Litter, construction debris, and construction chemicals shall be prevented from becoming stormwater discharge pollutants.
15. Discharges of sediment laden water are not allowed. If dewatering becomes necessary, the discharge will be filtered through appropriately selected best management practices.
16. The following records shall be maintained and made available to the executive director 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.
17. Stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, and construction activities will not resume within 21 days. When the initiation of stabilization measures by the 14th day is precluded by weather conditions, stabilization measures shall be initiated as soon as practicable.
18. No part of the system shall be used as a holding tank for a pump-and-haul operation.

After Completion of Construction:

19. 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 Austin Regional Office within 30 days of site completion.

20. The applicant shall be 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. A copy of the transfer of responsibility must be filed with the executive director through Austin Regional Office within 30 days of the transfer. A copy of the transfer form (TCEQ-10263) is enclosed.

21. Upon legal transfer of this property, the new owner(s) is required to comply with all terms of the approved Edwards Aquifer protection plan. If the new owner intends to commence any new regulated activity on the site, a new Edwards Aquifer protection plan that specifically addresses the new activity must be submitted to the executive director. Approval of the plan for the new regulated activity by the executive director is required prior to commencement of the new regulated activity.

22. Certification by a Texas Licensed Professional Engineer of the testing of sewage collection systems required by 30 TAC Chapter 213 and Chapter 217 shall be submitted to the Austin Regional Office within 30 days of test completion and prior to the new sewage collection system being put into service. The certification should include the project name as it appeared on the approved application, the program ID number, and two copies of a site plan sheet(s) indicating the wastewater lines that were tested and are being certified as complying with the appropriate regulations.

    Every five years after the initial certification, the sewage collection system shall be retested. Any lines that fail the test must be repaired and retested. Certification that the system continues to meet the requirements of 30 TAC Chapter 213 and Chapter 217 shall be submitted to the Austin Regional Office. The certification should include the project name as it appeared on the approved application, the program ID number and two copies of a site plan sheet(s) indicating the wastewater lines that were tested and are being certified as complying with the appropriate regulations. Should any test result fail to meet passing test criteria, and then subsequently pass testing, the result(s) and an explanation of what repair, adjustment, or other means were taken to facilitate a subsequent passing result shall be provided.

23. If ownership of this organized sewage collection system is legally transferred (e.g., developer to city or Municipal Utility District), the new owner(s) is required to comply with all terms of the approved Edwards Aquifer protection plan. If the new owner intends to commence any new regulated activity on the site, a new Edwards Aquifer protection plan that specifically addresses the new activity must be submitted to the executive director. Approval of the plan for the new regulated activity by the executive director is required prior to commencement of the new regulated activity.

24. At project locations where construction is initiated and abandoned, or not completed, the site shall be returned to a condition such that the aquifer is protected from potential contamination.

25. An Edwards Aquifer protection plan approval or extension will expire, and no extension will be granted if more than 50 percent of the total construction has not been completed within ten years from the initial approval of a plan. A new Edwards Aquifer protection plan must be submitted to the Austin Regional Office with the appropriate fees for review and approval by the executive director prior to commencing any additional regulated activities.

This action is taken under authority delegated by the Executive Director of the Texas Commission on Environmental Quality. If you have any questions or require additional information, please contact Bob Castro, P.E. of the Edwards Aquifer Protection Program of the Austin Regional Office at (512) 339-2929.

Sincerely,

Lillian Butler

Lillian Butler, Section Manager
Edwards Aquifer Protection Program
Texas Commission on Environmental Quality

LIB/rbc

Enclosures: Deed Recordation Affidavit, Form TCEQ-0625
Change in Responsibility for Maintenance of Permanent BMPs, Form TCEQ-10263

CC: Mr. Darren Huckert, P.E., Garza EMC, LLC

COPY

R-11

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

April 30, 2020

Mr. Terry Worcester
Round Rock Independent School District
1311 Round Rock Avenue
Round Rock, Texas 78681

Re: Edwards Aquifer, Travis and Williamson Counties
RRISD McNeil High School; 5720 McNeil Drive; Austin ETJ, Texas
Request for a Modification to a Water Pollution Abatement Plan (WPAP)
30 Texas Administrative Code (TAC) Chapter 213 Edwards Aquifer
Edwards Aquifer Protection Program ID No. 11001878; RN101121390

Dear Mr. Worcester:

The Texas Commission on Environmental Quality (TCEQ) has completed its review of the WPAP modification application for the referenced project submitted to the Austin Regional Office by Civilitude on behalf of Round Rock Independent School District on January 8, 2020. Final review of the WPAP submittal was completed after additional material was received on April 9 and 27, 2020. As presented to the TCEQ, the Temporary and Permanent Best Management Practices (BMPs) and construction plans were prepared by a Texas licensed professional engineer to be in general compliance with the requirements of 30 TAC Chapter 213. These planning materials were sealed, signed, and dated by a Texas licensed professional engineer. Therefore, based on the engineer's concurrence of compliance, the planning materials for construction of the proposed project and pollution abatement measures are hereby approved subject to applicable state rules and the conditions in this letter. The applicant or a person affected may file with the chief clerk a motion for reconsideration of the executive director's final action on this WPAP. A motion for reconsideration must be filed no later than 23 days after the date of this approval letter. *This approval expires two (2) years from the date of this letter unless, prior to the expiration date, more than 10% of the construction has commenced on the project or an extension of time has been requested.*

BACKGROUND

This approval supersedes the prior WPAP approvals on this site and is inclusive of all prior impervious cover and other improvements which have been approved, described below.

The original McNeil High School (McNeil HS) is located at 5720 McNeil Drive within a 96.7-acre site in two tracts within the City of Austin ETJ. The project is within the Edwards Aquifer Recharge Zone and drains within the Walnut Creek watershed.

The original educational facility was constructed on Tract 1 and predated the rules for requiring EAPP plans. The site encompasses portions of both Tract 1 (66.9 acres) and Tract 2 (29.8 acres) and the campus currently includes a high school facility, a performing arts center (PAC), associated education buildings with added parking lots, drives, utilities,

multiple sports fields (baseball, football, soccer, tennis, track, and softball), miscellaneous concrete foundations, and seven (7) water quality BMPs (WQP), all partial sedimentation filtration basins, some with a detention component. An undisturbed forested section on the western portion of Tract 2 remains.

Expansion of the campus has occurred in a series of approvals beginning in 1993.

- The first WPAP (EAPP ID 11-93062402) was approved on July 27, 1993, for the marching band area within a parking lot (1.76 acres impervious cover (IC)).
- The second WPAP (EAPP ID 11-95102501) was approved on January 5, 1996, for building additions, parking, utilities, and WQPs.
- The third WPAP (EAPP ID 11-97091501) was approved on November 17, 1997, for the 5.9 acre performing arts center (PAC) site, with sidewalks, parking, utilities, and WQPs.
- The fourth WPAP (EAPP ID 11-99091001) was approved on October 11, 1999, for building additions, parking, utilities, and WQP within a 0.54-acre footprint.
- The fifth WPAP (EAPP ID 11-01060502) was approved on August 13, 2001, for the 10.9 acres near PAC site, with driveways, sidewalks, parking lot, utilities, and WQP enlargement at the PAC.
- The sixth WPAP (EAPP ID 11000174) was approved on July 28, 2016 for 5.9 acres new IC consisting of classroom building additions, new configurations of two buildings, and WQP improvements.
- Later, minor improvements were made and approved by Exception requests within the following EAPP IDs: 11-06073101, 11-07052502, 11-08043007, and 11-10070901.

In addition, there is an organized sewage collection system (SCS) serving the site which was modified in EAPP ID 11000175 on June 27, 2016. The pressurized SCS line consists of approximately 452 linear feet of 2-inch DI CL350 iron pipe. The gravity SCS lines consist of 2088 linear feet of SDR 26 PVC pipe, and pipe for manholes, and appropriate appurtenances.

ADMINISTRATIVE AMENDMENT

The project WQPs will be renamed from number designations to letter designations as identified in the following table:

New ID	Previous ID	Site Location
WQP A	WQP 5	Southwest
WQP B	WQP 7	South
WQP C	WQP 1	South of Dance Addition
WQP D	Detention 5	Northwest
WQP E	WQP 6	Northwest adjacent to D
WQP F	WQP 2	North
WQP G	WQP 3	North
WQP H	WQP 4	Performing Arts Center (PAC)

PROJECT DESCRIPTION

The proposed addition to the current project consists of modifications on the 96.7-acre site to occur providing a dance building addition, a cafeteria addition, a science building addition, driveway and sidewalk modifications, utility, and WQP improvements. Modifications occurring to BMPs include conversion of a detention pond into a bioretention basin (WQP D) and removal of a previous WQP (WQP 1). The ultimate impervious cover will be increased by 1.2 acres to approximately 36.8 acres (38.0%). Final plans were sealed on Phase 2 Improvements Exhibit (Sheet 14) on March 3, 2020.

PERMANENT POLLUTION ABATEMENT MEASURES

To prevent the pollution of stormwater runoff originating on-site or upgradient of the site and potentially flowing across and off the site after construction, one new bioretention basin, designed in accordance with the TCEQ technical guidance document, Complying with the Edwards Aquifer Rules: Technical Guidance on Best Management Practices (2005), will be converted from stormwater detention to treat stormwater runoff. One prior basin will be removed. Seven WQPs will remain untouched by new construction. Engineering calculations for affected drainage areas provided and plans sealed by Nhat Ho, P.E. on April 7, 2020, demonstrate the systems are sized appropriately and can accommodate the created load, including the upsizing and improvements. The approved measures meet the required 80 percent removal of the increased load in TSS caused by the project.

GEOLOGY

According to the updated geologic assessment of January 21, 2016 included with the application, the site is underlain by the undifferentiated Edwards Limestone Formation (K_{ed}) up to 230 feet thick. The Edwards Limestone consists of limestone, dolomite, and chert. The site lies immediately west of the Balcones Fault Zone. The rock strata beneath the site dip to the southeast. The Austin Regional Office site assessments conducted on June 1, 2016 and March 5, 2020 revealed the site to be generally as described, including the sensitive geologic features described herein.

Natural buffers are proposed for both No Rent Cave (F-4) and Weldon Cave (F-3) found on Tract 2, where no development is proposed at this time. No regulated activities (such as construction or soil disturbing activities) will take place within the natural buffers. The size is generally based on the drainage area for each sensitive feature.

The setbacks for each sensitive feature are described in the following table.

Identification No.	Name	Buffer Description
F-1	Maverick Way East sinkhole	50 ft. radius
F-2 and F-3	Weldon Cave	Natural 200 ft. buffer
F-4	No Rent Cave	Natural 200 ft. buffer. Cave gate installed.
F-5	solution cavity	Natural 50 ft. buffer
F-6 and F-7	Millipede & Millipede Annex Cave	No new construction within the campus courtyard area (0.62 acres) (odd-shaped). Cave gates installed.

SPECIAL CONDITIONS

I. All sediment and/or media removed from the water quality basins during maintenance activities shall be properly disposed of according to 30 TAC 330 or 30 TAC 335, as applicable.

STANDARD CONDITIONS

1. Pursuant to Chapter 7 Subchapter C of the Texas Water Code, any violations of the requirements in 30 TAC Chapter 213 may result in administrative penalties.

2. In addition to the rules of the Commission, the applicant may also be required to comply with state and local ordinances and regulations providing for the protection of water quality.

Prior to Commencement of Construction:

3. Within 60 days of receiving written approval of an Edwards Aquifer Protection Plan, the applicant must submit to the Austin Regional Office, proof of recordation of notice in the county deed records, with the volume and page number(s) of the county deed records of the county in which the property is located. A description of the property boundaries shall be included in the deed recordation in the county deed records. A suggested form (Deed Recordation Affidavit, TCEQ-0625) that you may use to deed record the approved WPAP is enclosed.

4. All contractors conducting regulated activities at the referenced project location shall be provided a copy of this notice of approval. At least one complete copy of the approved WPAP and this notice of approval shall be maintained at the project location until all regulated activities are completed.

5. Modification to the activities described in the referenced WPAP application following the date of approval may require the submittal of a plan to modify this approval, including the payment of appropriate fees and all information necessary for its review and approval prior to initiating construction of the modifications.

6. The applicant must provide written notification of intent to commence construction, replacement, or rehabilitation of the referenced project. Notification must be submitted to the Austin Regional Office no later than 48 hours prior to commencement of the regulated activity. Written notification must include the date on which the regulated activity will commence, the name of the approved plan and program ID number for the regulated activity, and the name of the prime contractor with the name and telephone number of the contact person. The executive director will use the notification to determine if the approved plan is eligible for an extension.

7. Temporary erosion and sedimentation (E&S) controls, i.e., silt fences, rock berms, stabilized construction entrances, or other controls described in the approved WPAP, must be installed prior to construction and maintained during construction. Temporary E&S controls may be removed when vegetation is established and the construction area is stabilized. The TCEQ may monitor stormwater discharges from the site to evaluate the adequacy of temporary E&S control measures. Additional controls may be necessary if excessive solids are being discharged from the site.

8. All borings with depths greater than or equal to 20 feet must be plugged with non-shrink grout from the bottom of the hole to within three (3) feet of the surface. The remainder of the hole must be backfilled with cuttings from the boring. All borings less than 20 feet must be backfilled with cuttings from the boring. All borings must be backfilled or plugged within four (4) days of completion of the drilling operation. Voids may be filled with gravel.

During Construction:

9. During the course of regulated activities related to this project, the applicant or agent shall comply with all applicable provisions of 30 TAC Chapter 213, Edwards Aquifer. The applicant shall remain responsible for the provisions and conditions of this approval until such responsibility is legally transferred to another person or entity.

10. This approval does not authorize the installation of temporary aboveground storage tanks on this project. If the contractor desires to install a temporary aboveground storage tank for use during construction, an application to modify this approval must be submitted and approved prior to installation. The application must include information related to tank location and spill containment.

11. If any sensitive feature (caves, solution cavities, sink holes, etc.) is discovered during construction, all regulated activities near the feature must be suspended immediately. The applicant or his agent must immediately notify the Austin Regional Office of the discovery of the feature. Regulated activities near the feature may not proceed until the executive director has reviewed and approved the methods proposed to protect the feature and the aquifer from potentially adverse impacts to water quality. The plan must be sealed, signed, and dated by a Texas licensed professional engineer.

12. If sediment escapes the construction site, the sediment must be removed at a frequency sufficient to minimize offsite impacts to water quality (e.g., fugitive sediment in street being washed into surface streams or sensitive features by the next rain). Sediment must be removed from sediment traps or sedimentation ponds not later than when design capacity has been reduced by 50 percent. Litter, construction debris, and construction chemicals shall be prevented from becoming stormwater discharge pollutants.

13. Intentional discharges of sediment laden water are not allowed. If dewatering becomes necessary, the discharge will be filtered through appropriately selected best management practices. These may include vegetated filter strips, sediment traps, rock berms, silt fence rings, etc.

14. The following records shall be maintained and made available to the executive director 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.

15. Stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, and construction activities will not resume within 21 days. When the initiation of

stabilization measures by the 14th day is precluded by weather conditions, stabilization measures shall be initiated as soon as practicable.

After Completion of Construction:

16. 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 Austin Region Office within 30 days of site completion.

17. The applicant shall be 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. The regulated entity shall then be responsible for maintenance until another entity assumes such obligations in writing or ownership is transferred. A copy of the transfer of responsibility must be filed with the executive director through Austin Regional Office within 30 days of the transfer.

18. Upon legal transfer of this property, the new owner(s) is required to comply with all terms of the approved Edwards Aquifer protection plan. If the new owner intends to commence any new regulated activity on the site, a new Edwards Aquifer protection plan that specifically addresses the new activity must be submitted to the executive director. Approval of the plan for the new regulated activity by the executive director is required prior to commencement of the new regulated activity.

19. An Edwards Aquifer protection plan approval or extension will expire, and no extension will be granted if more than 50 percent of the total construction has not been completed within ten years from the initial approval of a plan. A new Edwards Aquifer protection plan must be submitted to the Austin Regional Office with the appropriate fees for review and approval by the executive director prior to commencing any additional regulated activities.

20. At project locations where construction is initiated and abandoned, or not completed, the site shall be returned to a condition such that the aquifer is protected from potential contamination.

This action is taken under authority delegated by the Executive Director of the Texas Commission on Environmental Quality. If you have any questions or require additional information, please contact Mr. Kevin Lee Smith, P.E. of the Edwards Aquifer Protection Program of the Austin Regional Office at 512-339-2929.

Sincerely,

Robert Sadlier, Section Manager
Edwards Aquifer Protection Program
Texas Commission on Environmental Quality

RCS/kls

Enclosure: Deed Recordation Affidavit, Form TCEQ-0625

COPY

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 28, 2016

Mr. Tim Strucely
Round Rock Independent School District
Department of Construction Management
1311 Round Rock Avenue
Round Rock, Texas 78681

Re: Edwards Aquifer, Travis and Williamson Counties
RRISD McNeil High School; 5720 McNeil Drive; Austin ETJ, Texas
Request for a Modification to a Water Pollution Abatement Plan (WPAP)
30 Texas Administrative Code (TAC) Chapter 213 Edwards Aquifer
Edwards Aquifer Protection Program ID No. 11000174; RN101121390

Dear Mr. Strucely:

The Texas Commission on Environmental Quality (TCEQ) has completed its review of the WPAP modification application for the referenced project submitted to the Austin Regional Office by Civilitude on behalf of Round Rock Independent School District on March 14, 2016. Final review of the WPAP submittal was completed after additional material was received on July 11 and 22, 2016. As presented to the TCEQ, the Temporary and Permanent Best Management Practices (BMPs) and construction plans were prepared by a Texas licensed professional engineer to be in general compliance with the requirements of 30 TAC Chapter 213. These planning materials were sealed, signed, and dated by a Texas licensed professional engineer. Therefore, based on the engineer's concurrence of compliance, the planning materials for construction of the proposed project and pollution abatement measures are hereby approved subject to applicable state rules and the conditions in this letter. The applicant or a person affected may file with the chief clerk a motion for reconsideration of the executive director's final action on this WPAP. A motion for reconsideration must be filed no later than 23 days after the date of this approval letter. *This approval expires two (2) years from the date of this letter unless, prior to the expiration date, more than 10% of the construction has commenced on the project or an extension of time has been requested.*

BACKGROUND

This approval supercedes the prior WPAP approvals on this site, and is inclusive of all prior impervious cover and other improvements which have been approved, described below.

The original McNeil High School (McNeil HS) is located at 5720 McNeil Drive within a 96.65 acre site in two tracts within the City of Austin ETJ. The project is within the Edwards Aquifer Recharge Zone, and drains within the Walnut Creek watershed.

The original educational facility was constructed on Tract 1 and predated the rules for requiring EAPP plans. The site encompasses portions of both Tract 1 (66.9 acres) and Tract 2 (29.8 acres) and the campus currently includes a high school facility, a performing arts center (PAC), associated education buildings with added parking lots, drives, utilities, multiple sports fields (baseball, football, soccer, tennis, track, and softball), miscellaneous concrete foundations, and six (6) water quality BMPs (WQP), all partial sedimentation filtration basins, some with a detention component. An undisturbed forested section on the western portion of Tract 2 remains.

Expansion of the campus has occurred in a series of approvals beginning in 1993.

- The first WPAP (EAPP ID 11-93062402) was approved on July 27, 1993, for the marching band area within a parking lot (1.76 acres impervious cover (IC)).
- The second WPAP (EAPP ID 11-95102501) was approved on January 5, 1996, for building additions, parking, utilities, and WQPs.
- The third WPAP (EAPP ID 11-97091501) was approved on November 17, 1997, for the 5.9 acre performing arts center (PAC) site, with sidewalks, parking, utilities, and WQPs.
- The fourth WPAP (EAPP ID 11-99091001) was approved on October 11, 1999, for building additions, parking, utilities, and WQP within a 0.54 acre footprint.
- The fifth WPAP (EAPP ID 11-01060502) was approved on August 13, 2001, for the 10.9 acres near PAC site, with driveways, sidewalks, parking lot, utilities, and WQP enlargement at the PAC.
- Later, minor improvements were made and approved by Exception requests within the following EAPP IDs: 11-06073101, 11-07052502, 11-08043007, and 11-10070901.

In addition, there is an organized sewage collection system (SCS) serving the site which was modified in EAPP ID 11000175 on June 27, 2016. The pressurized SCS line consists of approximately 452 linear feet of 2-inch DI CL350 iron pipe. The gravity SCS lines consist of 2088 linear feet of 6 and 8-inch diameter SDR 26 PVC pipe, and pipe for manholes, and appropriate appurtenances.

PROJECT DESCRIPTION

The proposed addition to the current project consists of modifications on the 96.65 acre site to occur providing classroom building additions, demolition of a parking lot, newer configurations of two buildings, utilities, and WQP improvements. Modifications occurring to BMPs include: removal of Ponds 1 & 5, to be replaced by partial sedimentation filtration basins, also to be named Ponds 1 & 5; and a new partial sedimentation filtration basin, to be named Pond 7. The ultimate impervious cover will be increased by 5.91 acres to approximately 35.26 acres (36.5%). Final plans were provided on Exhibit 3B (Sheet CD-102) on July 22, 2016.

PERMANENT POLLUTION ABATEMENT MEASURES

To prevent the pollution of stormwater runoff originating on-site or upgradient of the site and potentially flowing across and off the site after construction, three new partial sedimentation filtration basins, designed in accordance with the TCEQ technical guidance document, Complying with the Edwards Aquifer Rules: Technical Guidance on Best Management Practices (2005), will be constructed to treat stormwater runoff. Two basins will be removed. Four basins will remain untouched by new construction. Engineering calculations for Drainage Area B1, B2, B3, and B6 provided and plans sealed by Nhat Ho, P.E. on June 3, 2016, demonstrate the systems are sized appropriately and can accommodate the created load, including the upsizing and improvements. The approved measures meet the required 80 percent removal of the increased load in TSS caused by the project.

GEOLOGY

According to the updated geologic assessment of January 21, 2016 included with the application, the site is underlain by the undifferentiated Edwards Limestone Formation (Ked) up to 230 feet thick. The Edwards Limestone consists of limestone, dolomite, and chert. The limestone is aphanitic to fine-grained, light gray, massive to thin-bedded, hard and fossiliferous. The dolomite is fine to very fine grained, porous, and medium-gray to grayish-brown. Chert nodules and plates are common. The site lies immediately west of the Balcones Fault Zone. The rock strata beneath the site dip to the southeast at about 10 to 30 feet per mile. The Austin Regional Office site assessment conducted on June 1, 2016 revealed the site to be generally as described, including the sensitive geologic features described herein.

Natural buffers are proposed for both No Rent Cave (F-4) and Weldon Cave (F-3) found on Tract 2, where no development is proposed at this time. No regulated activities (such as construction or soil disturbing activities) will take place within the natural buffers. The size is generally based on the drainage area for each sensitive feature.

The setbacks for each sensitive feature are described in the following table.

Identification No.	Name	Buffer Description
F-1	Maverick Way East sinkhole	50 ft. radius
F-2 and F-3	Weldon Cave	Natural 200 ft. buffer
F-4	No Rent Cave	Natural 200 ft. buffer
F-5	Solution cavity	Natural 50 ft. buffer
F-6 and F-7	Millipede Cave & Millipede Annex Cave	No new construction within the campus courtyard area (0.62 acres) (odd-shaped). Cave gates previously installed.

SPECIAL CONDITIONS

I. All sediment and/or media removed from the water quality basin during maintenance activities shall be properly disposed of according to 30 TAC 330 or 30 TAC 335, as applicable.

STANDARD CONDITIONS

1. Pursuant to Chapter 7 Subchapter C of the Texas Water Code, any violations of the requirements in 30 TAC Chapter 213 may result in administrative penalties.

2. In addition to the rules of the Commission, the applicant may also be required to comply with state and local ordinances and regulations providing for the protection of water quality.

Prior to Commencement of Construction:

3. Within 60 days of receiving written approval of an Edwards Aquifer Protection Plan, the applicant must submit to the Austin Regional Office, proof of recordation of notice in the county deed records, with the volume and page number(s) of the county deed records of the county in which the property is located. A description of the property boundaries shall be included in the deed recordation in the county deed records. A suggested form (Deed Recordation Affidavit, TCEQ-0625) that you may use to deed record the approved WPAP is enclosed.

4. All contractors conducting regulated activities at the referenced project location shall be provided a copy of this notice of approval. At least one complete copy of the approved WPAP and this notice of approval shall be maintained at the project location until all regulated activities are completed.

5. Modification to the activities described in the referenced WPAP application following the date of approval may require the submittal of a plan to modify this approval, including the payment of appropriate fees and all information necessary for its review and approval prior to initiating construction of the modifications.

6. The applicant must provide written notification of intent to commence construction, replacement, or rehabilitation of the referenced project. Notification must be submitted to the Austin Regional Office no later than 48 hours prior to commencement of the regulated activity. Written notification must include the date on which the regulated activity will commence, the name of the approved plan and program ID number for the regulated activity, and the name of the prime contractor with the name and telephone number of the contact person. The executive director will use the notification to determine if the approved plan is eligible for an extension.

7. Temporary erosion and sedimentation (E&S) controls, i.e., silt fences, rock berms, stabilized construction entrances, or other controls described in the approved WPAP, must be installed prior to construction and maintained during construction. Temporary E&S controls may be removed when vegetation is established and the construction area is stabilized. The TCEQ may monitor stormwater discharges from

the site to evaluate the adequacy of temporary E&S control measures. Additional controls may be necessary if excessive solids are being discharged from the site.

8. All borings with depths greater than or equal to 20 feet must be plugged with non-shrink grout from the bottom of the hole to within three (3) feet of the surface. The remainder of the hole must be backfilled with cuttings from the boring. All borings less than 20 feet must be backfilled with cuttings from the boring. All borings must be backfilled or plugged within four (4) days of completion of the drilling operation. Voids may be filled with gravel.

<u>During Construction</u>:

9. During the course of regulated activities related to this project, the applicant or agent shall comply with all applicable provisions of 30 TAC Chapter 213, Edwards Aquifer. The applicant shall remain responsible for the provisions and conditions of this approval until such responsibility is legally transferred to another person or entity.

10. This approval does not authorize the installation of temporary aboveground storage tanks on this project. If the contractor desires to install a temporary aboveground storage tank for use during construction, an application to modify this approval must be submitted and approved prior to installation. The application must include information related to tank location and spill containment.

11. If any sensitive feature (caves, solution cavities, sink holes, etc.) is discovered during construction, all regulated activities near the feature must be suspended immediately. The applicant or his agent must immediately notify the Austin Regional Office of the discovery of the feature. Regulated activities near the feature may not proceed until the executive director has reviewed and approved the methods proposed to protect the feature and the aquifer from potentially adverse impacts to water quality. The plan must be sealed, signed, and dated by a Texas licensed professional engineer.

12. If sediment escapes the construction site, the sediment must be removed at a frequency sufficient to minimize offsite impacts to water quality (e.g., fugitive sediment in street being washed into surface streams or sensitive features by the next rain). Sediment must be removed from sediment traps or sedimentation ponds not later than when design capacity has been reduced by 50 percent. Litter, construction debris, and construction chemicals shall be prevented from becoming stormwater discharge pollutants.

13. Intentional discharges of sediment laden water are not allowed. If dewatering becomes necessary, the discharge will be filtered through appropriately selected best management practices. These may include vegetated filter strips, sediment traps, rock berms, silt fence rings, etc.

14. The following records shall be maintained and made available to the executive director 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.

15. Stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, and construction activities will not resume within 21 days. When the initiation of stabilization measures by the 14th day is precluded by weather conditions, stabilization measures shall be initiated as soon as practicable.

After Completion of Construction:

16. 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 Austin Region Office within 30 days of site completion.

17. The applicant shall be 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. The regulated entity shall then be responsible for maintenance until another entity assumes such obligations in writing or ownership is transferred. A copy of the transfer of responsibility must be filed with the executive director through Austin Regional Office within 30 days of the transfer.

18. Upon legal transfer of this property, the new owner(s) is required to comply with all terms of the approved Edwards Aquifer protection plan. If the new owner intends to commence any new regulated activity on the site, a new Edwards Aquifer protection plan that specifically addresses the new activity must be submitted to the executive director. Approval of the plan for the new regulated activity by the executive director is required prior to commencement of the new regulated activity.

19. An Edwards Aquifer protection plan approval or extension will expire and no extension will be granted if more than 50 percent of the total construction has not been completed within ten years from the initial approval of a plan. A new Edwards Aquifer protection plan must be submitted to the Austin Regional Office with the appropriate fees for review and approval by the executive director prior to commencing any additional regulated activities.

20. At project locations where construction is initiated and abandoned, or not completed, the site shall be returned to a condition such that the aquifer is protected from potential contamination.

This action is taken under authority delegated by the Executive Director of the Texas Commission on Environmental Quality. If you have any questions or require additional information, please contact Mr. Kevin Lee Smith, P.E. of the Edwards Aquifer Protection Program of the Austin Regional Office at 512-339-2929.

Sincerely,

Carolyn Runyon, Water Section Manager
Austin Region Office
Texas Commission on Environmental Quality

CDR/kls

Enclosure: Deed Recordation Affidavit, Form TCEQ-0625

Cc: Mr. Mr. Nhat Ho, P.E., Civilitude, Austin
Mr. David Johns, P.G., City of Austin WPD, City of Austin
The Honorable Sarah Eckhardt, County Judge, Travis County
The Honorable Dan A. Gattis, County Judge, Williamson County
TCEQ Central Records, Building F, MC 212

COPY

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

June 27, 2016

Mr. Tim Strucely
Round Rock Independent School District
Department of Construction Management
1311 Round Rock Avenue
Round Rock, Texas 78681

Re: Edwards Aquifer, Travis and Williamson Counties
RRISD McNeil High School; 5720 McNeil Drive; Austin ETJ, Texas
Request for an Organized Sewage Collection System Plan (SCS)
30 Texas Administrative Code (TAC) Chapter 213 & 217 Edwards Aquifer
Edwards Aquifer Protection Program ID No. 11000175; RN101121390

Dear Mr. Strucely:

The Texas Commission on Environmental Quality (TCEQ) has completed its review of the organized sewage collection system plans and specifications for the referenced project submitted to the Austin Regional Office by Civilitude on behalf of Round Rock Independent School District on March 14, 2016.. As presented to the TCEQ, the construction documents were prepared by a Texas licensed professional engineer to be in general compliance with the requirements of 30 TAC Chapter 213 and Chapter 217. Therefore, based on the Texas licensed professional engineer's concurrence of compliance, the planning materials for construction of the proposed sewage collection system and pollution abatement measures are hereby approved subject to applicable state rules and the conditions in this letter. The applicant or a person affected may file with the chief clerk a motion for reconsideration of the executive director's final action on this Edwards Aquifer protection plan. A motion for reconsideration must be filed no later than 23 days after the date of this approval letter. *This approval expires (2) two years from the date of this letter unless, prior to the expiration date, more than 10 percent of construction has commenced, or an extension of time has been requested.*

PROJECT DESCRIPTION

The proposed sewage collection system project consists of a new private Lift Station (LS) 2 to pump wastewater collected from buildings along the eastern side of Tract 1 to the existing main LS near McNeil Drive which pumps to the Walnut Creek Wastewater Treatment Plant (WWTP). LS #2 pumps the collected wastewater through a 2-inch force main to a manhole and onto an 8-inch gravity line to the existing main LS. The existing LS #1, being replaced, will be demolished following construction.

The pressurized line consists of approximately 452 linear feet of 2-inch DI CL350 iron pipe. The gravity portion consists of 2088 linear feet of 6 and 8-inch diameter SDR 26 PVC pipe, and pipe for manholes, and appropriate appurtenances. The project is located within the City of Austin and will conform to all applicable codes, ordinances, and requirements of the City of Austin.

The proposed LS 2 will consist of a 4-foot diameter wet well with an approximate depth of 10 feet, with two submersible wastewater pumps, and will be provided with an emergency power generator. Each pump will have a pumping capacity of 34 gallons per minute (gpm) at a total dynamic head (TDH) of 26 feet.

Additional equipment will include a control panel, an audio visual alarm, auto-dial telemetry, hoisting equipment, level pump controllers, pump supports and discharge piping with valves, and a security fence with controlled access.

GEOLOGY

A site investigation was conducted by representatives of the Austin Regional Office to document the conditions at the site. The geologic report of January 2016 indicates the site is within established and constructed right of way (ROW) and is underlain by the Edwards Limestone Formation (Ked), which is known to form caves and voids. The geologic assessment indicates that features were identified on the bigger site, but none within the alignment of this SCS. Further details of the geology of the site are found in Edwards ID 11000174.

SPECIAL CONDITIONS

I. Upon completion of any lift station excavation, a geologist shall certify that the excavation has been inspected for the presence of sensitive features. Certification that the excavation has been inspected must be submitted to the Austin Regional Office.

STANDARD CONDITIONS

1. Pursuant to Chapter 7 Subchapter C of the Texas Water Code, any violations of the requirements in 30 TAC Chapter 213 may result in administrative penalties.

2. In addition to the rules of the Commission, the applicant may also be required to comply with state and local ordinances and regulations providing for the protection of water quality.

Prior to Commencement of Construction:

3. All contractors conducting regulated activities at the project location shall be provided a copy of this notice of approval. At least one complete copy of the approved SCS plan and this notice of approval shall be maintained at the project location until all regulated activities are completed.

4. Modification to the activities described in the referenced SCS and lift station applications following the date of approval may require the submittal of a plan to modify this approval, including the payment of appropriate fees and all information necessary for its review and approval prior to initiating construction of the modifications.

5. Temporary erosion and sedimentation (E&S) controls, i.e., silt fences, rock berms, stabilized construction entrances, or other controls described in the approved application, must be installed prior to construction and maintained during construction. Temporary E&S controls may be removed when vegetation is established and the construction area is stabilized. The TCEQ may monitor stormwater discharges from the site to evaluate the adequacy of temporary E&S control measures. Additional controls may be necessary if excessive solids are being discharged from the site.

During Construction:

6. During the course of regulated activities related to this project, the applicant or his agent shall comply with all applicable provisions of 30 TAC Chapter 213 and Chapter 217. The applicant shall remain responsible for the provisions and conditions of this approval until such responsibility is legally transferred to another person or entity, upon which that person or entity shall assume responsibility for all provisions and conditions of this approval.

7. If sediment escapes the construction site, the sediment must be removed at a frequency sufficient to minimize offsite impacts to water quality (e.g., fugitive sediment in street being washed into surface streams or sensitive features by the next rain). Sediment must be removed from sediment traps or sedimentation ponds not later than when design capacity has been reduced by 50 percent. Litter, construction debris, and construction chemicals shall be prevented from becoming stormwater discharge pollutants.

8. If any sensitive feature (caves, solution cavities, sink holes, etc.) is discovered during construction, all regulated activities near the feature must be suspended immediately. The applicant or his agent must immediately notify the Austin Regional Office of the discovery of the feature. Regulated activities near the feature may not proceed until the executive director has reviewed and approved the methods proposed to protect the feature and the aquifer from potentially adverse impacts to water quality. The plan must be sealed, signed, and dated by a Texas licensed professional engineer.

9. The following records shall be maintained by the applicant and made available to the executive director upon request: the dates trenching 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 and completed.

10. Stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, and construction activities will not resume within 21 days. When the initiation of stabilization measures by the 14th day is precluded by weather conditions, stabilization measures shall be initiated as soon as practicable.

11. Intentional discharges of sediment laden water during construction are not allowed. If dewatering of excavated areas becomes necessary, the discharge will be filtered through appropriately selected temporary best management practices. These may include vegetative filter strips, sediment traps, rock berms, silt fence rings, etc.

12. No part of the system shall be used as a holding tank for a pump-and-haul operation.

After Completion of Construction:

13. Certification by a Texas licensed professional engineer of the testing of sewage collection systems required by 30 TAC Chapter 213 and Chapter 217 shall be submitted to the Austin Regional Office within 30 days of test completion and prior to the new sewage collection system being put into service.

    Every five years after the initial certification, the sewage collection system shall be retested. Any lines that fail the test must be repaired and retested. Certification that the system continues to meet the requirements of 30 TAC Chapter 213 and Chapter 217 shall be submitted to the Austin

Regional Office. The certification should include the project name as it appeared on the approved application, the program ID number and two copies of a site plan sheet(s) indicating the wastewater lines that were tested and are being certified as complying with the appropriate regulations.

14. If ownership of this organized sewage collection system is legally transferred (e.g., developer to city or Municipal Utility District), the new owner(s) is required to comply with all terms of the approved Edwards Aquifer protection plan. If the new owner intends to commence any new regulated activity on the site, a new Edwards Aquifer protection plan that specifically addresses the new activity must be submitted to the executive director. Approval of the plan for the new regulated activity by the executive director is required prior to commencement of the new regulated activity.

15. An Edwards Aquifer protection plan approval or extension will expire and no extension will be granted if more than 50 percent of the total construction has not been completed within ten years from the initial approval of a plan. A new Edwards Aquifer protection plan must be submitted to the Austin Regional Office with the appropriate fees for review and approval by the executive director prior to commencing any additional regulated activities.

This action is taken under authority delegated by the Executive Director of the Texas Commission on Environmental Quality. If you have any questions or require additional information, please contact Mr. Kevin Lee Smith, P.E., of the Edwards Aquifer Protection Program of the Austin Regional Office at (512) 339-2929.

Sincerely,

Carolyn Runyon
Water Section Manager
Austin Region Office

cc: Mr. Nhat Ho, P.E., Civilitude, Austin
Mr. David Johns, P.G., City of Austin WPD, City of Austin
The Honorable Sarah Eckhardt, County Judge, Travis County
The Honorable Dan A. Gattis, County Judge, Williamson County
TCEQ Central Records, Building F, MC 212

Attachment B – Narrative of Proposed Modification

This narrative addresses changes associated with the proposed modification to the previously approved Water Pollution Abatement Plan (WPAP). The changes associated from the previously approved WPAP are as follows:

Site Plan

- Replacement of natural grass softball and baseball fields with artificial turf.

Grading effects

- Grading includes excavation and placement of artificial turf back to existing elevation conditions. No overland drainage pattern changes are proposed.

Storm

- Inclusion of self-treating underdrain system under artificial turf which outfalls into the existing storm network on site.

All the changes associated with this modification are reflected in the attached site plans. See Attachment C.

Water Pollution Abatement Plan Application

Texas Commission on Environmental Quality

for Regulated Activities on the Edwards Aquifer Recharge Zone and Relating to 30 TAC §213.5(b), 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 **Water Pollution Abatement Plan Application Form** is hereby submitted for TCEQ review and Executive Director approval. The form was prepared by:

Print Name of Customer/Agent: Darren Huckert, PE

Date: 04/14/2026

Signature of Customer/Agent:

GEMC SIGN

Regulated Entity Name: Westside Maintenance Annex

Regulated Entity Information

1. The type of project is:

   ☐ Residential: Number of Lots:_____
   ☐ Residential: Number of Living Unit Equivalents:_____
   ☐ Commercial
   ☐ Industrial
   ☒ Other:High School

2. Total site acreage (size of property):96.89 Acres

3. Estimated projected population:3000

4. The amount and type of impervious cover expected after construction are shown below:

Table 1 - Impervious Cover Table

Impervious Cover of Proposed Project	Sq. Ft.	Sq. Ft./Acre	Acres
Structures/Rooftops	472,114.43	÷ 43,560 =	10.84
Parking	890,752.57	÷ 43,560 =	20.45
Other paved surfaces	283,265.4	÷ 43,560 =	6.50
Total Impervious Cover	1,646,132.4	÷ 43,560 =	37.79

Total Impervious Cover 37.79 **÷ Total Acreage** 96.89 **X 100 =** 39.00**% Impervious Cover**

5. ☒ **Attachment A - Factors Affecting Surface Water Quality**. A detailed description of all factors that could affect surface water and groundwater quality that addresses ultimate land use is attached.

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

For Road Projects Only

Complete questions 7 - 12 if this application is exclusively for a road project.

7. 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.

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

   ☐ Concrete
   ☐ Asphaltic concrete pavement
   ☐ Other: _____

9. Length of Right of Way (R.O.W.): _____ feet.

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

10. Length of pavement area: _____ feet.

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

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

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

12. ☐ 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

13. ☒ **Attachment B - 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 the 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

14. The character and volume of wastewater is shown below:

_____% Domestic	_____Gallons/day
_____% Industrial	_____Gallons/day
_____% Commingled	_____Gallons/day
TOTAL gallons/day _____	

15. Wastewater will be disposed of by:

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

- ☐ **Attachment C - 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):

- ☐ Private service laterals from the wastewater generating facilities will be connected to an existing SCS.
- ☐ Private service laterals from the wastewater generating facilities will be connected to a proposed SCS.

- ☐ The SCS was previously submitted on_____.
- ☐ The SCS was submitted with this application.
- ☐ The SCS will be submitted at a later date. The owner is aware that the SCS may not be installed prior to Executive Director approval.

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

☐ Existing.
☐ Proposed.

16. ☐ All private service laterals will be inspected as required in 30 TAC §213.5.

Site Plan Requirements

Items 17 – 28 must be included on the Site Plan.

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

Site Plan Scale: 1" = 20 & 100 (OVERALL SHEETS)'.

18. 100-year floodplain boundaries:

☐ Some part(s) of the project site is located within the 100-year floodplain. The floodplain is shown and labeled.
☒ No part of the project site is located within the 100-year floodplain.
The 100-year floodplain boundaries are based on the following specific (including date of material) sources(s): FEMA FIRM Panel 48453C0255K dated Janruary 22, 2020 and FEMA FIRM PANEL 48491C0630F dated December 20, 2019.

19. ☒ 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, open space, etc. are shown on the plan.

☐ The layout of the development is shown with existing contours at appropriate, but not greater than ten-foot intervals. Finished topographic contours will not differ from the existing topographic configuration and are not shown. Lots, recreation centers, buildings, roads, open space, etc. are shown on the site plan.

20. All known wells (oil, water, unplugged, capped and/or abandoned, test holes, etc.):

☐ There are _____ (#) wells present on the project site and the locations are shown and labeled. (Check all of the following that apply)

☐ The wells are not in use and have been properly abandoned.
☐ The wells are not in use and will be properly abandoned.
☐ The wells are in use and comply with 16 TAC §76.

☒ There are no wells or test holes of any kind known to exist on the project site.

21. Geologic or manmade features which are on the site:

☒ All sensitive geologic or manmade features identified in the Geologic Assessment are shown and labeled.
☐ No sensitive geologic or manmade features were identified in the Geologic Assessment.

☐ **Attachment D - Exception to the Required Geologic Assessment**. A request and justification for an exception to a portion of the Geologic Assessment is attached.

22. ☒ The drainage patterns and approximate slopes anticipated after major grading activities.
23. ☒ Areas of soil disturbance and areas which will not be disturbed.
24. ☒ Locations of major structural and nonstructural controls. These are the temporary and permanent best management practices.
25. ☒ Locations where soil stabilization practices are expected to occur.
26. ☐ Surface waters (including wetlands).

    ☒ N/A
27. ☐ Locations where stormwater discharges to surface water or sensitive features are to occur.

    ☒ There will be no discharges to surface water or sensitive features.
28. ☒ Legal boundaries of the site are shown.

Administrative Information

29. ☒ Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions. The copies must be submitted to the appropriate regional office.
30. ☒ Any modification of this WPAP will require Executive Director approval, prior to construction, and may require submission of a revised application, with appropriate fees.

ATTACHMENT A – FACTORS AFFECTING SURFACE WATER QUALITY

Factors affecting surface water quality with this modification include changes to the natural soil infiltration with the installation of artificial turf in place of natural grass and soil. Artificial turf is viewed as impervious cover by both TCEQ and the City of Austin. The area of artificial turf replacement is as follows: softball field approximately 1.09 acres and the baseball field approximately 2.96 acres. Both the softball and baseball field include a subsurface underdrain system which self-treat the rainwater that falls within the footprint of these fields.

ATTACHMENT B – VOLUME AND CHARACTER OF STORMWATER

The subsurface underdrain systems for both the softball and baseball fields serve as self-treating storage structures. As mentioned by Mr. Bo Slone, no calculations will be necessary given this is a self-treating field with an underdrain system. Please see below for recordation of Mr. Slone's statement.

John Garza

From: James Slone <james.slone@tceq.texas.gov>
Sent: Wednesday, February 25, 2026 4:45 PM
To: John Garza
Cc: Darren Huckert
Subject: RE: Westside Maintenance Annex WPAPMOD - Administrative NOD

Follow Up Flag: Follow up
Flag Status: Flagged

There will not be any calcs. So in your descriptions just state it is a self-treating turf field with an underdrain system. That should do it.

From: John Garza <jgarza@garzaemc.com>
Sent: Wednesday, February 25, 2026 3:58 PM
To: James Slone <james.slone@tceq.texas.gov>; EAAdmin <EAAdmin@tceq.texas.gov>
Cc: Darren Huckert <dhuckert@garzaemc.com>
Subject: RE: Westside Maintenance Annex WPAPMOD - Administrative NOD

Understood, what TCEQ Approved BMP would this fall under for TSS Removal Calculation purposes? We will need to revise our application and want to ensure we're coming back with all the right information.

Best,

John Garza, EIT | Engineer Associate III | GarzaEMC | 512.668.1497 OFFICE | 281.881.3870 MOBILE

From: James Slone <james.slone@tceq.texas.gov>
Sent: Wednesday, February 25, 2026 3:47 PM
To: John Garza <jgarza@garzaemc.com>; EAAdmin <EAAdmin@tceq.texas.gov>
Cc: Darren Huckert <dhuckert@garzaemc.com>
Subject: RE: Westside Maintenance Annex WPAPMOD - Administrative NOD

John,
You still need to get the approval. The "BMP" is the self treatment of that make sense.
Bo

From: John Garza <jgarza@garzaemc.com>
Sent: Wednesday, February 25, 2026 3:46 PM
To: James Slone <james.slone@tceq.texas.gov>; EAAdmin <EAAdmin@tceq.texas.gov>
Cc: Darren Huckert <dhuckert@garzaemc.com>
Subject: RE: Westside Maintenance Annex WPAPMOD - Administrative NOD

Bo, thanks again for clarifying.

The scope of this project is actually two artificial turf fields (baseball and softball) with underdrain systems. We originally submitted under the assumption artificial turf was impervious requiring treatment but did not know your stance regarding the underdrain system. With this being the case, it does not appear we would need to submit these improvements for WPAP Mod review.

Temporary Stormwater Section

Texas Commission on Environmental Quality

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

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

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

Signature

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

Print Name of Customer/Agent: Darren Huckert, P.E.

Date: 04/14/2026

Signature of Customer/Agent:

GEMC SIGN

Regulated Entity Name: Westside Maintanence Annex

Project Information

Potential Sources of Contamination

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

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

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

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

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

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

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

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

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

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

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

Sequence of Construction

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

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

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

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

Temporary Best Management Practices (TBMPs)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

☒ N/A

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

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

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

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

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

Soil Stabilization Practices

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

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

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

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

Administrative Information

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

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

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

ATTACHMENT A – SPILL RESPONSE ACTIONS

The contractor shall be responsible for the adequate cleanup of any chemical spills during construction and onsite personnel will be required to be trained in spill prevention and cleanup. Onsite storage of absorbent material such as bentonite rocks will be kept throughout construction to clean up small spills along with brooms, dust pans, shovels and storage drums. The cleanup will be performed to the TNRCC Regulatory Guidance Handbook standards, RG-285, June 1997. The contractor will notify TCEQ of any chemical spills as required and outlined in the TNRCC Regulatory Guidance Handbook, at 512-463-7727 or 512-239-2507.

Reportable quantities as defined by 30 TAC Chapter 327 are as follows:

(a) Hazardous substances. The reportable quantities for hazardous substances shall be:

1. for spills or discharges onto land--the quantity designated as the Final Reportable Quantity (RQ) in Table 302.4 in 40 CPR §302.4; or
2. for spills or discharges into waters in the state--the quantity designated as the Final RQ in Table 302.4 in 40 CPR §302.4, except where the Final RQ is greater than 100 pounds in which case the RQ shall be 100 pounds.

(b) Oil, petroleum product, and used oil.

1. The RQ for crude oil and oil other than that defined as petroleum product or used oil shall be:

   (A) for spills or discharges onto land--210 gallons (five barrels); or

   (B) for spills or discharges directly into water in the state--quantity sufficient to create a sheen.

2. The RQ for petroleum product and used oil shall be:

   (A) except as noted in subparagraph (B) of this paragraph, for spills or discharges onto land--25 gallons;

   (B) for spills or discharges to land from PST exempted facilities--210 gallons (five barrels); or

   (C) for spills or discharges directly into water in the state--quantity sufficient to create a sheen.

(c) Industrial solid waste or other substances. The RQ for spills or discharges into water in the state shall be 100 pounds.

ATTACHMENT B – POTENTIAL SOURCES OF CONTAMINATION

Synthetic materials such as rubber infill, adhesives, and other products used to create artificial turf sections will be used on this project. After placement of synthetic materials, the applicant will be responsible for immediate cleanup should an unexpected rain occur.

Sediment and soil from disturbed areas are another potential source of contamination. During activities causing soil disturbance, adhere to the temporary best management practices outlined in Attachment D.

Other potential sources of contamination include hydraulic fluid and diesel fuel from mechanical equipment, as well as paints and chemicals used on site. Any spills shall be handled according to the Spill Response Actions in Attachment A.

ATTACHMENT C – SEQUENCE OF MAJOR ACTIVITIES

1. Install erosion controls per approved plans (0.10 ac).
2. Hold pre-construction meeting (N/A).
3. Begin grading and rough excavation of proposed pond (0.83 ac).
4. Begin grading and excavation of existing softball and baseball field grass and soil (4.05 ac).
5. Install storm water underdrain system and artificial turf sections for fields (4.05 ac).
6. Finalize construction and clean up (4.05 ac).
7. Contractor shall obtain Engineer's concurrence letter prior to step 8 (N/A).
8. Remove temporary erosion/sedimentation controls (0.10 ac).

ATTACHMENT D – TEMPORARY BEST MANAGEMENT PRACTICES AND MEASURES

Temporary BMP practices and measure will include installing silt fences, triangular filter dikes, stabilized construction entrances, concrete washout, temporary spoils area, and inlet protection measures prior to beginning grading operation on the site. As the construction progresses, disturbed areas will be vegetated after the grading operations. Dust control measures will be used to minimize airborne transmission of soil from the site. There is no offsite drainage flowing onto the site.

ATTACHEMENT F – STRUCTURAL PRACTICES

Silt fences and triangular filter dikes will be used to limit the runoff discharge of pollutants from exposed areas of the site and store sediment from the onsite flows from exposed areas of the site. No improvements are proposed in the floodplain.

ATTACHMENT G – DRAINAGE AREA MAP

There are no proposed changes to existing drainage patterns with this project, the fields will be excavated and returned to existing elevations with artificial turf. The previously approved Drainage Area Map is included in the Construction Documents for reference. McNeil High School is approximately 95.65 acres of developable area, the project area is approximately 4.05 acres, and the total drainage area with which the project area exists in is 29.9 acres. There are no areas with more than 10 acres within a common drainage area that will be disturbed at one time; the existing detention pond will be used as a temporary sediment basin to provide temporary water quality treatment.

ATTACHMENT I - INSPECTION AND MAINTENANCE FOR BMPs

Implementation of site controls will be performed by a qualified contractor experienced in the proper installation of such devices in accordance with manufacturers' specifications, and in keeping with recognized Best Management Practices (BMP's), and in keeping with TPDES regulations. Qualification of installing Contractor shall be reviewed with the Owner prior to entering into a contract with them for services.

The Contractor shall inspect all BMP's at regular intervals as specified in the Storm Water Pollution Prevention Plan for this project.

- Use standard Owner Inspection forms for each inspection.
- Record all deficiencies of site controls and take immediate action to correct any deficiencies recorded.
- Keep records of inspections current and on file, available for review by EPA, TCEQ, MS4 operator and Owner.

The temporary controls must be inspected at weekly intervals and after significant rainfall events in order to ensure that they are functioning properly. The following BMP's must be maintained after a rain storm:

The inlet protection must be checked for silt build up and when it is prohibiting the conveyance of water into the storm sewer, the silt must be removed.

The construction entrance shall be inspected after a rain storm to make sure it is still in adequate condition and intact to support and function as designed.

The washout pits shall be monitored and cleaned after a storm to limit the pollution and run-off.

The silt fences around the stock piles need to be checked and cleaned after a rain storm to remove the silt deposits over 6 inches.

Repairs must be made immediately to the damaged areas and when the silt accumulates in the controls to 6 inches it must be removed.

ATTACHMENT J – SCHEDULE OF INTERIM AND PERMANENT SOIL STABILIZATION PRACTICES

Temporary and Permanent Erosion Control: All disturbed areas shall be restored as noted below:

A. All disturbed areas to be revegetated are required to place a minimum of six (6) inches of topsoil [see Standard Specification Item No. 601S.3(A)]. Do not add topsoil within the critical root zone of existing trees.

- Topsoil salvaged from the existing site is encouraged for use, but it should meet the standards set forth in 601S.

An owner/engineer may propose use of onsite salvaged topsoil which does not meet the criteria of Standard Specification 601S by providing a soil analysis and a written statement from a qualified professional in soils, landscape architecture, or agronomy indicating the onsite topsoil will provide an equivalent growth media and specifying what, if any, soil amendments are required.

- Soil amendments shall be worked into the existing onsite topsoil with a disc or tiller to create a well-blended material.

The vegetative stabilization of areas disturbed by construction shall be as follows:

TEMPORARY VEGETATIVE STABILIZATION:

1. From September 15 to March 1, seeding shall be with or include a cool season cover crop: (Western Wheatgrass (*Pascopyrum smithii*) at 5.6 pounds per acre, Oats (*Avena sativa*) at 4.0 pounds per acre, Cereal Rye Grain (*Secale cereale*) at 45 pounds per acre. Contractor must ensure that any seed application requiring a cool season cover crop does not utilize annual ryegrass (*Lolium multiflorum*) or perennial ryegrass (*Lolium perenne*). Cool season cover crops are not permanent erosion control.
2. From March 2 to September 14, seeding shall be with hulled Bermuda at a rate of 45 pounds per acre or a native plant seed mix conforming to Item 604S or 609S.

A. Fertilizer shall be applied only if warranted by a soil test and shall conform to Item No. 606S, Fertilizer. Fertilization should not occur when rainfall is expected or during slow plant growth or dormancy. Chemical fertilizer may not be applied in the Critical Water Quality Zone.

B. Hydromulch shall comply with Table 1, below.

C. Temporary erosion control shall be acceptable when the grass has grown at least 1½ inches high with a minimum of 95% total coverage so that all areas of a site that rely on vegetation for temporary stabilization are uniformly vegetated, and provided there are no bare spots larger than 10 square feet.

D. When required, native plant seeding shall comply with requirements of the City of Austin Environmental Criteria Manual, and Standard Specification 604S or 609S.

Table 1: Hydromulching for Temporary Vegetative Stabilization

Material	Description	Longevity	Typical Applications	Application Rates
100% or any blend of wood, cellulose, straw, and/or cotton plant material (except no mulch shall exceed 30% paper)	70% or greater Wood/Straw 30% or less Paper or Natural Fibers	0—3 months	Moderate slopes; from flat to 3:1	1,500 to 2,000 lbs per acre

PERMANENT VEGETATIVE STABILIZATION:

1. From September 15 to March 1, seeding is considered to be temporary stabilization only. If cool season cover crops exist where permanent vegetative stabilization is desired, the grasses shall be mowed to a height of less than one-half (½) inch and the area shall be re-seeded in accordance with Table 2 below. Alternatively, the cool season cover crop can be mixed with Bermudagrass or native seed and installed together, understanding that germination of warm-season seed typically requires soil temperatures of 60 to 70 degrees.
2. From March 2 to September 14, seeding shall be with hulled Bermuda at a rate of 45 pounds per acre with a purity of 95% and a minimum pure live seed (PLS) of 0.83. Bermuda grass is a warm season grass and is considered permanent erosion control. Permanent vegetative stabilization can also be accomplished with a native plant seed mix conforming to Item 604S or 609S.
    A. Fertilizer use shall follow the recommendation of a soil test. See Item 606S, Fertilizer. Applications of fertilizer (and pesticide) on City-owned and managed property requires the yearly submittal of a Pesticide and Fertilizer Application Record, along with a current copy of the applicator's license. For current copy of the record template contact the City of Austin's IPM Coordinator.
    B. Hydromulch shall comply with Table 2, below.
    C. Water the seeded areas immediately after installation to achieve germination and a healthy stand of plants that can ultimately survive without supplemental water. Apply the water uniformly to the planted areas without causing displacement or erosion of the materials or soil. Maintain the seedbed in a moist condition favorable for plant growth. All watering shall comply with City Code Chapter 6-4 (Water Conservation), at rates and frequencies determined by a licensed irrigator or other qualified professional, and as allowed by the Austin Water Utility and current water restrictions and water conservation initiatives.

D. Permanent erosion control shall be acceptable when the grass has grown at least 1½ inches high with a minimum of 95 percent for the non-native mix, and 95 percent coverage for the native mix so that all areas of a site that rely on vegetation for stability must be uniformly vegetated, and provided there are no bare spots larger than 10 square feet.

E. When required, native plant seeding shall comply with requirements of the City of Austin Environmental Criteria Manual, Items 604S and 609S.

Table 2: Hydromulching for Permanent Vegetative Stabilization

Material	Description	Longevity	Typical Applications	Application Rates
Bonded Fiber Matrix (BFM)	80% Organic defibrated fibers			
10% Tackifier	6 months	On slopes up to 2:1 and erosive soil conditions	2,500 to 4,000 lbs per acre (see manufacturers recommendations)	
Fiber Reinforced Matrix (FRM)	65% Organic defibrated fibers 25% Reinforcing Fibers or less 10% Tackifier	Up to 12 months	On slopes up to 1:1 and erosive soil conditions	3,000 to 4,500 lbs per acre (see manufacturers recommendations)

Permanent Stormwater Section

Texas Commission on Environmental Quality

for Regulated Activities on the Edwards Aquifer Recharge Zone and Relating to 30 TAC §213.5(b)(4)(C), (D)(Ii), (E), and (5), 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 **Permanent Stormwater Section** is hereby submitted for TCEQ review and executive director approval. The application was prepared by:

Print Name of Customer/Agent: Darren Huckert, P.E.

Date: 4/14/2026

Signature of Customer/Agent

GEMC SIGN

Regulated Entity Name: Westside Maintanence Annex

Permanent Best Management Practices (BMPs)

Permanent best management practices and measures that will be used during and after construction is completed.

1. ☒ Permanent BMPs and measures must be implemented to control the discharge of pollution from regulated activities after the completion of construction.

   ☐ N/A

2. ☒ 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

3. ☒ 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

4. 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.

5. 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 A - 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.

6. ☐ **Attachment B - 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.

7. ☒ **Attachment C - 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.

8. ☒ **Attachment D - BMPs for Surface Streams**. A description of the BMPs and measures that prevent pollutants from entering surface streams, sensitive features, or the aquifer is attached. Each feature identified in the Geologic Assessment as sensitive has been addressed.

☐ N/A

9. ☒ The applicant understands that to the extent practicable, BMPs and measures must maintain flow to naturally occurring sensitive features identified in either the geologic assessment, executive director review, or during excavation, blasting, or construction.

☒ The permanent sealing of or diversion of flow from a naturally-occurring sensitive feature that accepts recharge to the Edwards Aquifer as a permanent pollution abatement measure has not been proposed.

☐ **Attachment E - Request to Seal Features**. A request to seal a naturally-occurring sensitive feature, that includes, for each feature, a justification as to why no reasonable and practicable alternative exists, is attached.

10. ☒ **Attachment F - Construction Plans**. All construction plans and design calculations for the proposed permanent BMP(s) and measures have been prepared by or under the direct supervision of a Texas Licensed Professional Engineer, and are signed, sealed, and dated. The plans are attached and, if applicable include:

☐ Design calculations (TSS removal calculations)

☐ TCEQ construction notes

☒ All geologic features

☒ All proposed structural BMP(s) plans and specifications

☐ N/A

11. ☐ **Attachment G - Inspection, Maintenance, Repair and Retrofit Plan**. A plan for the inspection, maintenance, repairs, and, if necessary, retrofit of the permanent BMPs and measures is attached. The plan includes all of the following:

    ☐ Prepared and certified by the engineer designing the permanent BMPs and measures
    ☐ Signed by the owner or responsible party
    ☐ Procedures for documenting inspections, maintenance, repairs, and, if necessary retrofit
    ☐ A discussion of record keeping procedures

    ☒ N/A

12. ☐ **Attachment H - 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

13. ☐ **Attachment I -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 results in water quality degradation.

    ☒ N/A

Responsibility for Maintenance of Permanent BMP(s)

Responsibility for maintenance of best management practices and measures after construction is complete.

14. ☒ 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.

    ☐ N/A

15. ☒ 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.

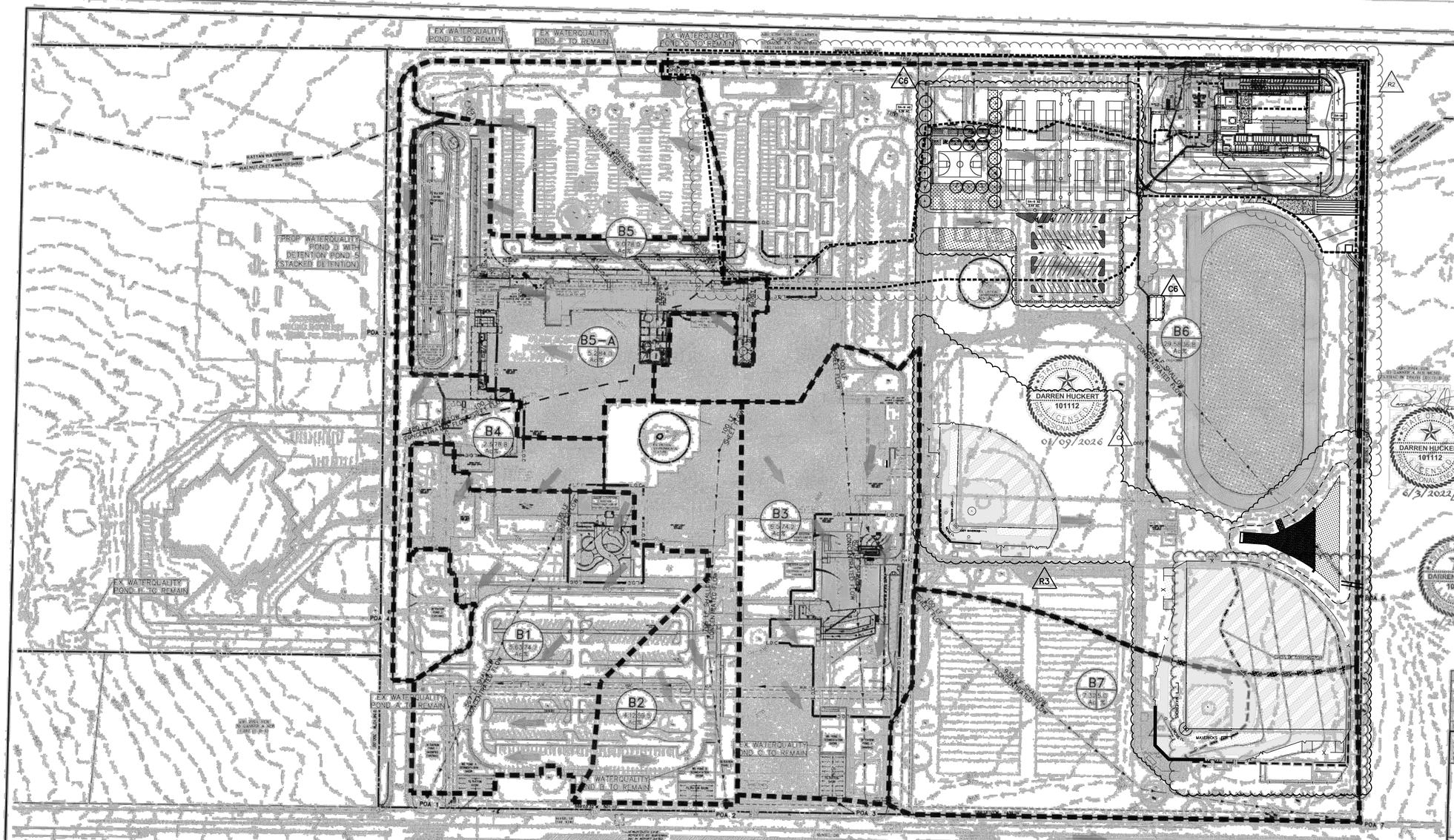
    ☐ N/A

ATTACHMENT C – BEST MANAGEMENT PRACTICES FOR ON-SITE STORMWATER

A self-treating turf field with an underdrain system is proposed to collect and treat the on-site stormwater runoff, to prevent pollutants from entering surface streams, sensitive features, or the aquifer. This system meets TCEQ's current design requirements.

ATTACHMENT D – BEST MANAGEMENT PRACTICES FOR SURFACE STREAMS

A self-treating turf field with an underdrain system is proposed to collect and treat the on-site stormwater runoff, to prevent pollutants from entering surface streams, sensitive features, or the aquifer. This system meets TCEQ's current design requirements.



NOTE:

THE PROPOSED WATERQUALITY STACKED DETENTION POND#5 CAPTURES THE RUN OFF FROM THE SUB DRAINAGE AREA B5-A

Sub Basin	Total Reach (ft)	Composite CN =98(IC%)+79(1-IC%)	Total Tc (min)	Sheet Flow Tc = 0.42*((nL)^0.8)/(P^0.5)*(s^0.4) Reach (L) (ft)	Manning's (n)	Slope (s) (ft/ft)	Tc (min)	Shallow Concentrated Flow Paved Tc = L/(60*20.3282*(s^0.5)) Unpaved Tc = L/(60*16.1345*(s^0.5)) Reach (L) (ft)	Surface	Slope (s) (ft/ft)	Tc (min)
B1	676	83	10.7	100	0.1	0.02	6.8	576	Paved	0.02	3.9
B2	806	82	13.4	100	0.1	0.01	9.0	706	Paved	0.01	4.4
B3	909	82	14.0	100	0.1	0.01	9.0	809	Paved	0.01	5.0
B4	580	82	10.9	100	0.1	0.01	7.7	480	Paved	0.02	3.2
B5	1289	81	21.2	100	0.1	0.01	9.0	1189	Paved	0.01	9.7
B6	1854	79	24.5	100	0.1	0.01	9.0	1754	Paved	0.01	14.4
B7	1035	79	19.6	100	0.1	0.01	9.0	935	Unpaved	0.01	9.7

Sub Basin	Downstream	Area (ac)	Actual Impervious Cover (%)	Designed Impervious Cover (%)	HEC HMS Outputs: Q2 (cfs)	Q10 (cfs)	Q25 (cfs)	Q100 (cfs)
B1	Detention Pond 1	5.02	74.67%	77%	13.5	23.2	29.4	39.8
B2	Detention Pond 2	4.12	59.52%	68%	15.1	27.5	34.8	46.8
B3	Detention Pond 3	4.3	78.19%	85%	9.1	13.2	23.1	39.7
B4	Detention Pond 4	2.63	78.77%	82%	6.1	11.2	14.8	19.2
B5	Detention Pond 5	9	74.11%	78%	44.3	92.8	85.5	113.5
B6	Detention Pond 6	20.9	36.89%	36%	75.3	124.8	154.3	192.1
B7	Detention Pond 7	7.12	5.00%	5%	8.5	21.4	29.0	41.6
Point of Analysis 1					10.0	14.2	15.8	18.3
POA 1 Increase in Runoff (CFS) (Negative values mean controlled flows)					-2.0	-3.4	-5.1	-6.4
Point of Analysis 3					10.7	15.9	18.3	21.7
POA 3 Increase in Runoff (CFS) (Negative values mean controlled flows)					-5.6	-11.2	-14.2	-15.8
Detention Pond 5					9.7	11.9	23.6	56.9
Point of Analysis 5					9.7	11.9	23.6	56.9
POA 5 Increase in Runoff (CFS) (Negative values mean controlled flows)					-9.4	-23.5	-22.8	-7.5

DRAINAGE AREA BOUNDARY

B1 0.00 AC 0.0 % ON-SITE DRAINAGE AREA NAME, AREA (AC) & IC

FLOW DIRECTION

0' 50' 100' 200' SCALE: 1"=100'

NOTE: THE PROPOSED POA#5 IS BEING COMPARED TO THE EXISTING POA#4. GREENFIELD IS USED AS THE EXISTING CONDITIONS IN LIEU OF CURRENT CONDITIONS DUE TO LACK OF ENGINEERING DATA IN PREVIOUSLY APPROVED PERMITS BY OTHER CIVIL ENGINEER. PROPOSED

DARREN HUCKERT 101112 LICENSED PROFESSIONAL ENGINEER 01/09/2026 C only

DARREN HUCKERT 101112 LICENSED PROFESSIONAL ENGINEER 6/3/2022 R5 only

DARREN HUCKERT 101112 LICENSED PROFESSIONAL ENGINEER 4/8/2026 R3 only

DARREN HUCKERT 101112 LICENSED PROFESSIONAL ENGINEER 6/3/2022 C5 only

CITY OF AUSTIN APPROVED Date 04/09/2026 SP-2016-0048DX(R1)

NO.	DATE	REVISIONS	APPROVAL

THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO HOLD FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES, WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

RRISD MCNEIL HIGH SCHOOL PHASE 2
5720 MCNEIL DR, AUSTIN 78729

PROPOSED DRAINAGE MAP

CIVILITUDE
ENGINEERS & PLANNERS
5110 LANCASTER COURT, PHONE 512 251-9157
AUSTIN, TX 78723 FAX 512 251 6157
TBPE REG # F12429 INFO@CIVILITUDE.COM

SCALE:
JOB NO: 2151-002
DSN BY: NMG
DWN BY: FBE
CKD BY: FAK

NHAT M HO 119154 LICENSED PROFESSIONAL ENGINEER

SITE PLAN APPROVAL SP2037 OF
FILE NUMBER APPLICATION DATE
APPROVED BY COMMISSION ON UNDER SECTION ON
CHAPTER OF THE CITY OF AUSTIN CODE
EXPIRATION DATE (25-5-81, LDC) CASE MANAGER
PROJECT EXPIRATION DATE (ORD #970905-A) DWPZ DDZ

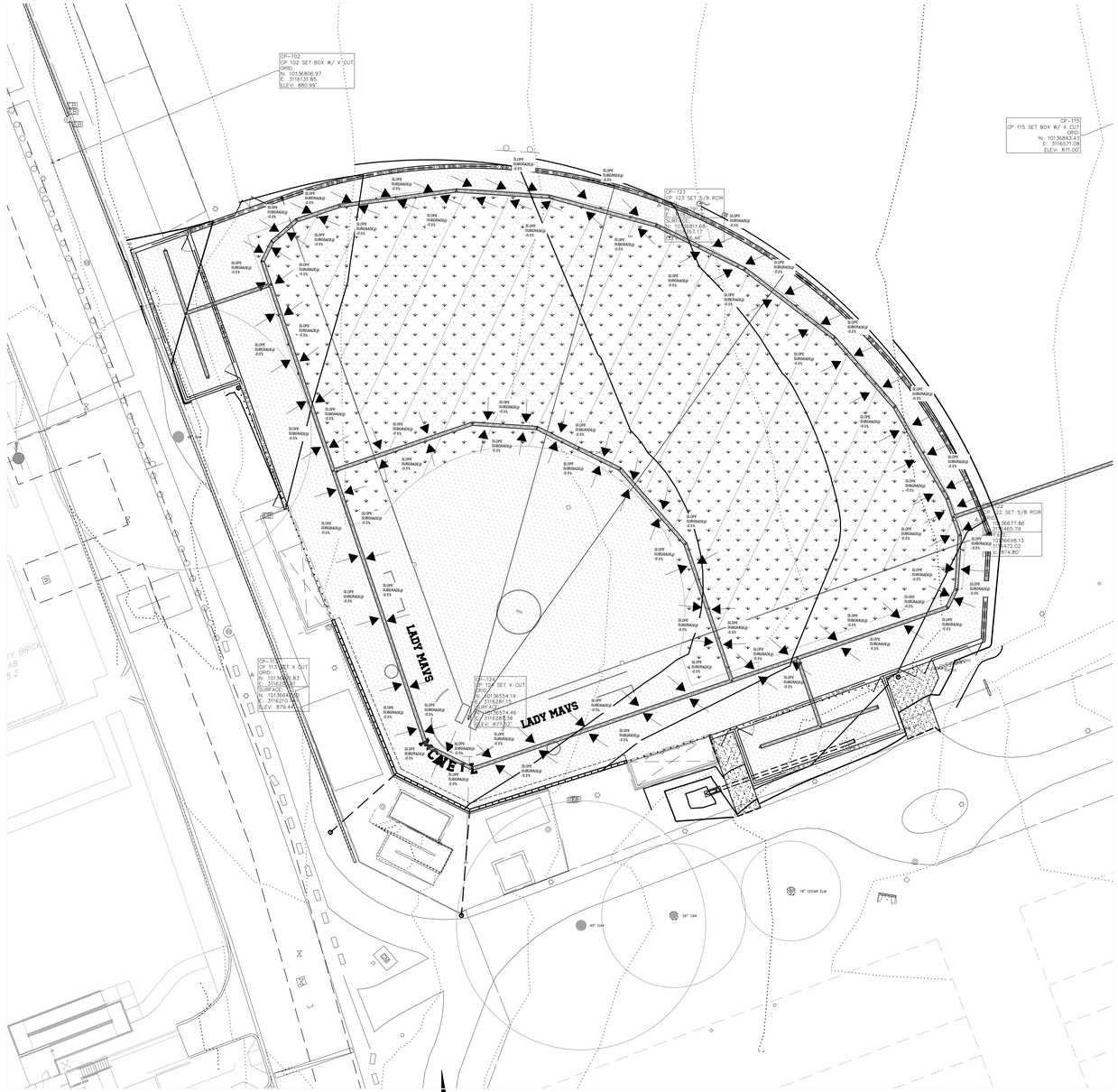
Director, DEVELOPMENT SERVICES DEPARTMENT
RELEASED FOR GENERAL COMPLIANCE ZONING
Rev. 1
Rev. 2 Correction 1
Rev. 3 Correction 2
Rev. 4 Correction 3

SHEET NO. 10 OF 72

MCNEIL HIGH SCHOOL – PHASE 2– 5720 MCNEIL DR, AUSTIN 78729

REPLACEMENT SHEET

P:\A1DA\ RRISD_McNeil HS Masterplan\002 – Masterplan Phase 2\Civil\Construction Drawings\Sheets\14 – PROPOSED DRAINAGE MAP.dwg



1 CS101 SOFTBALL SITE PLAN
SCALE: 1" = 20'

N

20 0 20 40
SCALE: 1" = 20'

SEQUENCE OF CONSTRUCTION

A. AFTER THE ACQUISITION OF ALL REQUIRED PERMITS, NOTIFY THE ENGINEER AND OWNER DEPARTMENT FOR A PRE-CONSTRUCTION CONFERENCE 3 DAYS IN ADVANCE.

B. INSTALL THE TEMPORARY EROSION/SEDIMENTATION CONTROLS.

C. ROUGH GRADE THE DETENTION POND FOR A SEDIMENTATION TRAP

D. DEMOLITION AND ROUGH GRADING.

E. CONSTRUCTION OF STORM WATER SYSTEM.

F. FINISH GRADING. INSTALL INLET SILT PROTECTION FOR THE STORM SEWER SYSTEM AFTER THE INLET IS CONSTRUCTED.

G. PLACEMENT OF PARKING SURFACE MATCHING NEW GRADE.

H. INSTALL PERMANENT EROSION CONTROLS.

I. OBTAIN CONCURRENCE LETTER FROM ENGINEER, AND THE FINAL INSPECTION WILL BE SCHEDULED UPON RECEIPT OF THE LETTER

J. REMOVE TEMPORARY EROSION CONTROLS AFTER ACCEPTANCE OF THE PERMANENT CONTROLS.

FIRE ACCESS ROAD NOTES

FIRE ACCESS ROADS SHALL BE INSTALLED TO MEET THE FOLLOWING MINIMUM GUIDELINES:

1. LANES SHALL BE A MINIMUM OF 26 FEET IN WIDTH FOR ALL AREAS OF TWO-WAY TRAFFIC OR ONE WAY AREAS WITH ADJACENT PERPENDICULAR PARKING; ONLY IN AREAS THAT ARE ONE-WAY WITH NO ADJACENT PARKING, LANES CAN BE A MINIMUM OF 20 FEET IN WIDTH.

2. OVERHEAD CLEARANCE SHALL BE A MINIMUM OF 15 FEET, 6 INCHES FROM THE FINISHED DRIVING SURFACE.

3. THE TOP AND FACE OF ROAD CURBS SHALL BE PAINTED RED IN COLOR; IF NO CURBS ARE PRESENT, A 5 $\frac{1}{2}$ TO 6 $\frac{1}{2}$ INCH WIDE, RED STRIPE SHALL BE PAINTED ON THE DRIVING SURFACE.

4. THE LANE SHALL HAVE ALTERNATING WORDS OF "FIRE LANE" AND "NO PARKING" SPACE AT A MAXIMUM OF 12 FEET BETWEEN PHRASES, AND LETTERING SHALL BE PAINTED WHITE WITH 4" X 2" LETTERS, PLUS OR MINUS $\frac{1}{4}$ INCH.

5. WHEN REQUIRED, SIGNAGE INDICATING "FIRE LANE NO PARKING" SHALL BE SPACED AT A MAXIMUM OF 75 FEET APART, ALONG THE LENGTH OF THE FIRE LANE (SEE EXAMPLE OF APPROVED SIGNS)

6. FACILITIES WITHOUT CURB SIDE PARKING AROUND THE BUILDING SHALL FOLLOW OPTION B.

7. FACILITIES WITH HEAD-IN PARKING AROUND THE BUILDING SHALL FOLLOW OPTION B. NOTHING IN THESE GUIDELINES SHALL BE CONSTRUED TO AFFECT THE VALIDITY OR ENFORCEMENT OF PREVIOUSLY INSTALLED AND APPROVED ACCESS ROAD AND FIRE LANE MARKINGS.

Perkins&Will

310 Comal St., Suite 100
Austin, TX 78702
t.512.997.5261
www.perkinswill.com

CONSULTANTS

CIVIL
Garza EMC, LLC
7708 Rialto Blvd., Suite 125
Austin, TX 78735
STRUCTURAL
Datum Engineers
8140 N. Mopac Expwy., Building 1, Suite 120
Austin, TX 78759
MEP
EMA Engineering
103 S. 12th St, Suite 202
Pflugerville, TX 78660
LANDSCAPING
Coleman & Associates
9890 Silver Mountain Drive
Austin, TX 78737
ROOF CONSULTING
Armko Industries, Inc.
1320 Spinks Road
Flower Mound, TX 75028
TECHNOLOGY
True North Consulting Group
13284 Pond Springs Rd., Suite 304 Austin, TX 78729
OWNER
ROUND ROCK ISD
16255 GREAT OAKS DRIVE, STE. 600
ROUND ROCK, TX 78681
FACILITY
MCNEIL HIGH SCHOOL
5720 MCNEIL DR
AUSTIN, TX 78729
CONTRACTOR
Joeris General Contractors
9211 Waterford Centre Blvd #150, Austin, TX 78758

STATE OF TEXAS
VICTOR M. GIL
94994
LICENSED
PROFESSIONAL ENGINEER
02/27/2026

PROJECT

McNeil High School - Phase III

Round Rock Independent School District
5720 McNeil Dr, Austin, TX 78729

KEYPLAN

ISSUE CHART

ISSUED FOR BIDDING AND CONSTRUCTION 02/27/2026

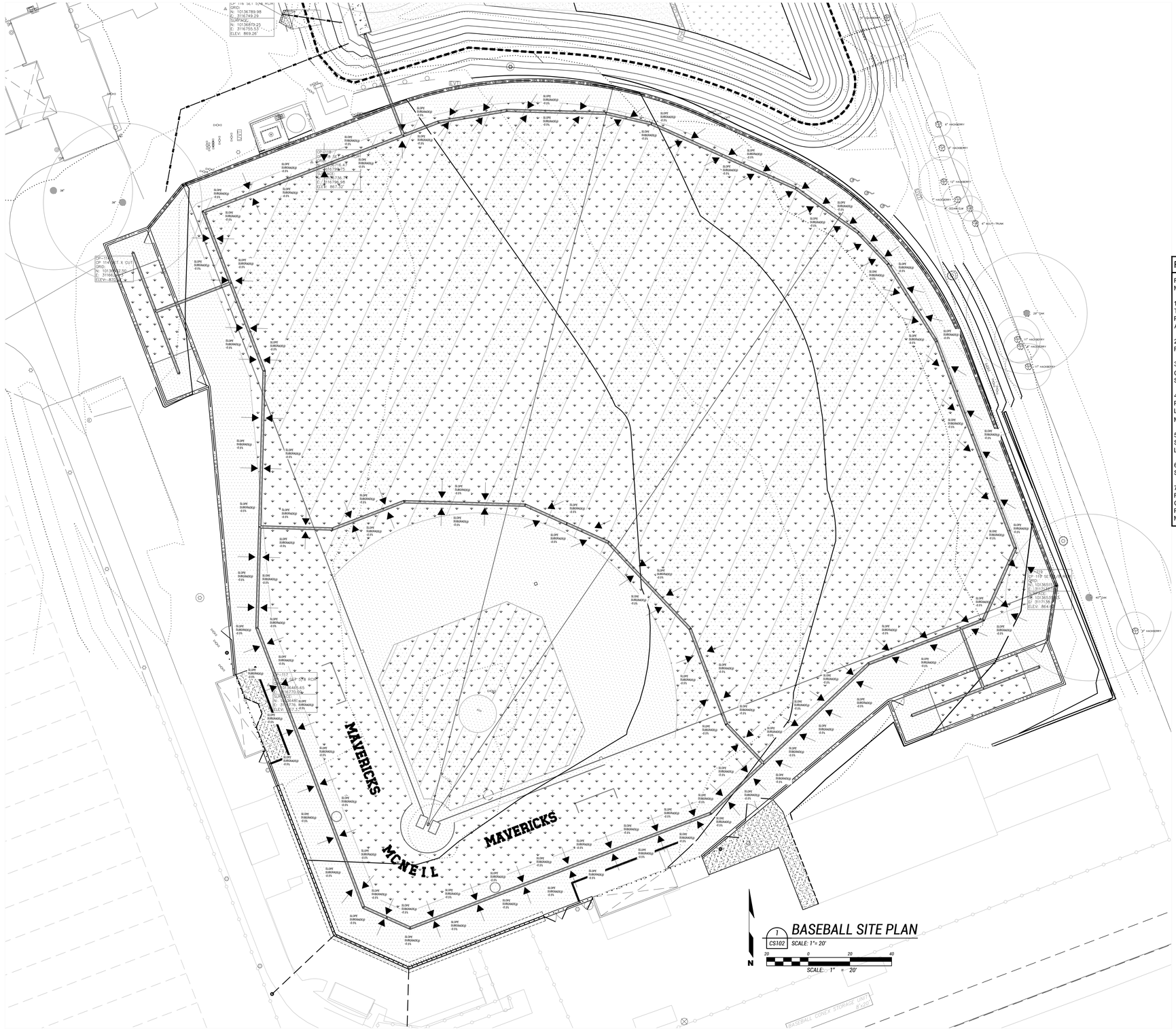
MARK	ISSUE	DATE
Job Number		213039

TITLE

SOFTBALL SITE PLAN

SHEET NUMBER

CS101



BASEBALL SITE PLAN

1 CS102 SCALE: 1"= 20'

20 0 20 40

SCALE: 1" = 20'

SEQUENCE OF CONSTRUCTION

A. AFTER THE ACQUISITION OF ALL REQUIRED PERMITS, NOTIFY THE ENGINEER AND OWNER DEPARTMENT FOR A PRE-CONSTRUCTION CONFERENCE 3 DAYS IN ADVANCE.

B. INSTALL THE TEMPORARY EROSION/SEDIMENTATION CONTROLS.

C. ROUGH GRADE THE DETENTION POND FOR A SEDIMENTATION TRAP

D. DEMOLITION AND ROUGH GRADING.

E. CONSTRUCTION OF STORM WATER SYSTEM.

F. FINISH GRADING. INSTALL INLET SILT PROTECTION FOR THE STORM SEWER SYSTEM AFTER THE INLET IS CONSTRUCTED.

G. PLACEMENT OF PARKING SURFACE MATCHING NEW GRADE.

H. INSTALL PERMANENT EROSION CONTROLS.

I. OBTAIN CONCURRENCE LETTER FROM ENGINEER, AND THE FINAL INSPECTION WILL BE SCHEDULED UPON RECEIPT OF THE LETTER

J. REMOVE TEMPORARY EROSION CONTROLS AFTER ACCEPTANCE OF THE PERMANENT CONTROLS.

FIRE ACCESS ROAD NOTES

FIRE ACCESS ROADS SHALL BE INSTALLED TO MEET THE FOLLOWING MINIMUM GUIDELINES:

1. LANES SHALL BE A MINIMUM OF 26 FEET IN WIDTH FOR ALL AREAS OF TWO-WAY TRAFFIC OR ONE WAY AREAS WITH ADJACENT PERPENDICULAR PARKING; ONLY IN AREAS THAT ARE ONE-WAY WITH NO ADJACENT PARKING, LANES CAN BE A MINIMUM OF 20 FEET IN WIDTH.

2. OVERHEAD CLEARANCE SHALL BE A MINIMUM OF 15 FEET, 6 INCHES FROM THE FINISHED DRIVING SURFACE.

3. THE TOP AND FACE OF ROAD CURBS SHALL BE PAINTED RED IN COLOR; IF NO CURBS ARE PRESENT, A 5 ½ TO 6 ½ INCH WIDE, RED STRIPE SHALL BE PAINTED ON THE DRIVING SURFACE.

4. THE LANE SHALL HAVE ALTERNATING WORDS OF "FIRE LANE" AND "NO PARKING" SPACE AT A MAXIMUM OF 12 FEET BETWEEN PHRASES, AND LETTERING SHALL BE PAINTED WHITE WITH 4" X 2" LETTERS, PLUS OR MINUS ½ INCH.

5. WHEN REQUIRED, SIGNAGE INDICATING "FIRE LANE NO PARKING" SHALL BE SPACED AT A MAXIMUM OF 75 FEET APART, ALONG THE LENGTH OF THE FIRE LANE (SEE EXAMPLE OF APPROVED SIGNS)

6. FACILITIES WITHOUT CURB SIDE PARKING AROUND THE BUILDING SHALL FOLLOW OPTION B.

7. FACILITIES WITH HEAD-IN PARKING AROUND THE BUILDING SHALL FOLLOW OPTION B. NOTHING IN THESE GUIDELINES SHALL BE CONSTRUED TO AFFECT THE VALIDITY OR ENFORCEMENT OF PREVIOUSLY INSTALLED AND APPROVED ACCESS ROAD AND FIRE LANE MARKINGS.

Perkins&Will

310 Comal St., Suite 100
Austin, TX 78702
t 512.997.5261
www.perkinswill.com

CONSULTANTS

CIVIL
Garza EMC, LLC
7708 Rialto Blvd., Suite 125
Austin, TX 78735

STRUCTURAL
Datum Engineers
8140 N. Mopac Expwy., Building 1, Suite 120
Austin, TX 78759

MEP
EMA Engineering
103 S. 12th St, Suite 202
Pflugerville, TX 78660

LANDSCAPING
Coleman & Associates
9890 Silver Mountain Drive
Austin, TX 78737

ROOF CONSULTING
Armko Industries, Inc.
1320 Spinks Road
Flower Mound, TX 75028

TECHNOLOGY
True North Consulting Group
13284 Pond Springs Rd., Suite 304 Austin, TX 78729

OWNER
ROUND ROCK ISD
16255 GREAT OAKS DRIVE, STE. 600
ROUND ROCK, TX 78681

FACILITY
MCNEIL HIGH SCHOOL
5720 MCNEIL DR
AUSTIN, TX 78729

CONTRACTOR
Joeris General Contractors
9211 Waterford Centre Blvd #150, Austin, TX 78758

STATE OF TEXAS
VICTOR M. GIL
94994
LICENSED
PROFESSIONAL ENGINEER
02/27/26

PROJECT

ISSUED FOR BIDDING AND CONSTRUCTION 02/27/2026

McNeil High School - Phase III

ROUND ROCK

Round Rock Independent School District
5720 McNeil Dr, Austin, TX 78729

KEYPLAN

ISSUE CHART

MARK	ISSUE	DATE

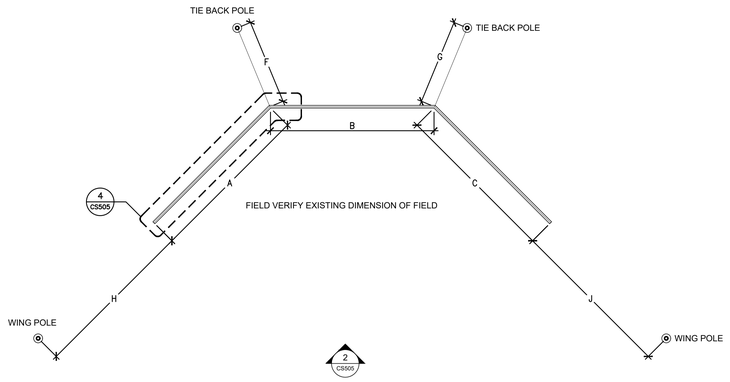
Job Number 213039

TITLE

BASEBALL SITE PLAN

SHEET NUMBER

CS102



1 PLAN VIEW
Scale: Not to Scale

NOTES:

VERIFY ALL DIMENSIONS IN THE FIELD BEFORE ORDERING NET, POLE SPECIFICATIONS, LENGTHS, AND FOUNDATION SIZE(S) WILL BE DETERMINED BY BACKSTOP ENGINEERING.

STAMPED ENGINEERING CALCULATIONS FOR POLE SPECIFICATIONS AND FOUNDATION DETAIL BASED ON CLIENT-PROVIDED SITE SOILS DATA, PREVAILING CODE, AND DESIGN WIND SPEED SHALL BE PROVIDED AS REQUIRED BY THE PROJECT PLANS.

RECOMMENDATIONS:

MAINTAIN A MINIMUM CLEAR DISTANCE OF 36" IN FRONT OF AND IN BACK OF THE NET TO AVOID DAMAGE. REPEATED RUBBING AND/OR SNAGGING OF THE NET AGAINST OTHER OBJECTS, INCLUDING - BUT NOT LIMITED TO - WALLS, LIGHT POLES, AND FENCING MAY CAUSE PREMATURE TEARING AND NET FAILURE.

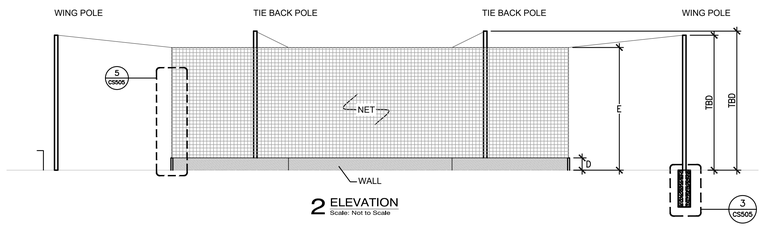
IF THE BOTTOM OF THE NET WILL BE NEAR THE TOP OF A CHAIN LINK FENCE, USE A PLASTIC FENCE CAP OR SLIT DRAIN TILE TO PROTECT THE BOTTOM OF THE NET FROM SNAGGING ON THE TOP LOOPS OF THE CHAIN LINK FABRIC.

BASEBALL BACKSTOP DIMENSIONAL CHART

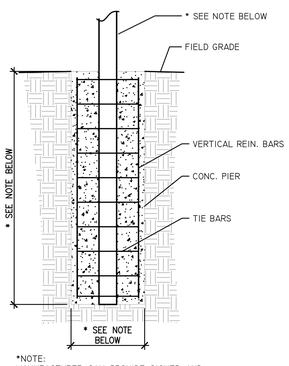
PLAN ID	DESCRIPTION	REQUIRED DIMENSION
H	*Wing Pole center to Dugout*	*4'-0" (VERIFY)*
A	*First Base Wing Wall*	*150'-6" (VERIFY)*
B	*Center Wall*	*39'-0" (VERIFY)*
C	*Third Base Wing Wall*	*133'-6" (VERIFY)*
J	*Dugout to Wing Pole center*	*8'-0" (VERIFY)*
F	*Wall Corner to Tieback Pole center*	*43'-3" (VERIFY)*
G	*Wall Corner to Tieback Pole center*	*41'-3" (VERIFY)*
D	*Wall or Fence height from field grade*	*48"*
E	*Net height from field grade*	*40'-0" (VERIFY)*

SOFTBALL BACKSTOP DIMENSIONAL CHART

PLAN ID	DESCRIPTION	REQUIRED DIMENSION
H	*Wing Pole center to Dugout*	*71'-8" (VERIFY)*
A	*First Base Wing*	*90'-8" (VERIFY)*
B	*Center*	*29'-10" (VERIFY)*
C	*Third Base Wing*	*104'-0" (VERIFY)*
J	*Dugout to Wing Pole center*	*46'-6" (VERIFY)*
F	*Wall Corner to Tieback Pole center*	*38'-0" (VERIFY)*
G	*Wall Corner to Tieback Pole center*	*31'-6" (VERIFY)*
D	*Wall or Fence height from field grade*	*48" BACK, 24" WINGS*
E	*Net height from field grade*	*40'-0" (VERIFY)*

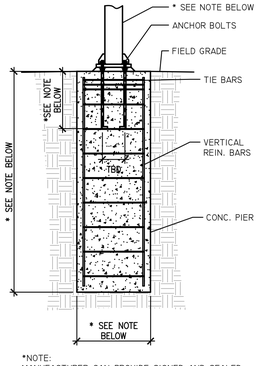


2 ELEVATION
Scale: Not to Scale



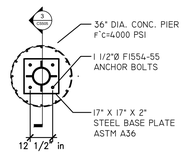
*NOTE:
MANUFACTURER CAN PROVIDE SIGNED AND SEALED STRUCTURAL ENGINEERING REPORT TO INCLUDE POLE, CABLE AND FOOTING DETAIL AS REQUIRED.

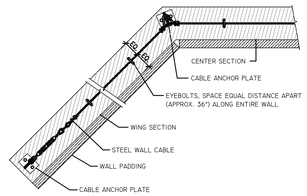
3 FOOTING - DIRECT BURY OPTION
Scale: 3/8" = 1'-0"



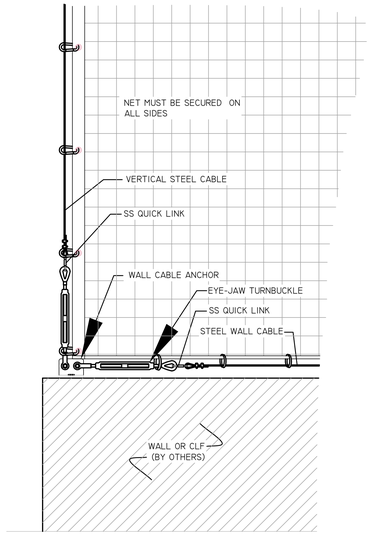
*NOTE:
MANUFACTURER CAN PROVIDE SIGNED AND SEALED STRUCTURAL ENGINEERING REPORT TO INCLUDE POLE, CABLE AND FOOTING DETAIL AS REQUIRED.

FOOTING - PLATE MOUNT OPTION
Scale: 3/8" = 1'-0"





4 ENLARGED PLAN VIEW
Scale: 1" = 1'-0"



5 WING WALL - DETAIL
Scale: 1"-1/2" = 1'-0"

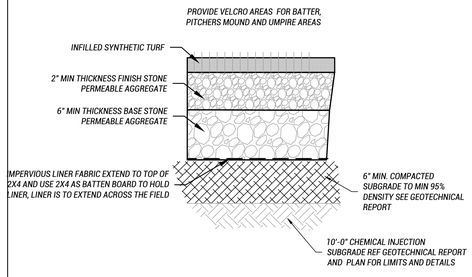
BEACON ATHLETICS
phone 1-800-747-5985
www.BeaconAthletics.com

DRAWING TITLE: **BEACON TIE-BACK OUTBOARD POLES MODEL# BSTB-XP**

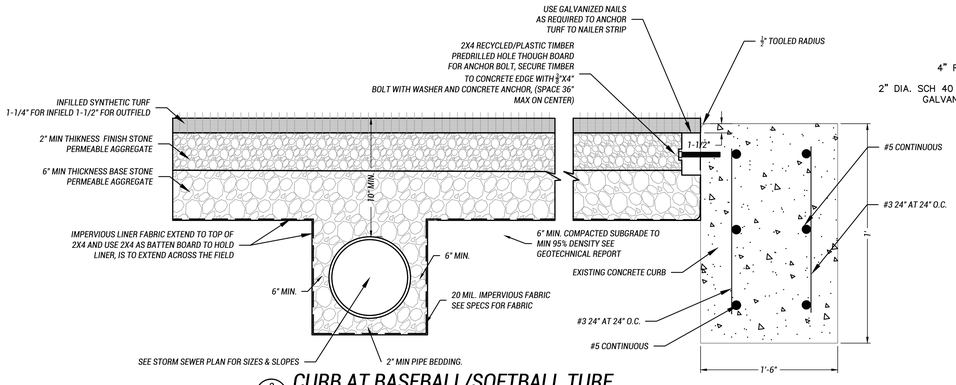
CLIENT: -
PROJECT NAME: -
PROJECT LOCATION: -

REVISION #	DATE	BY
REV 1	5/4/15	TMB
REV 2	9/21/15	TMB

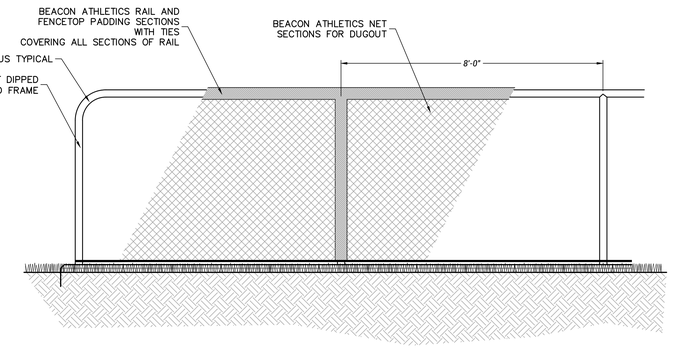
SCALE: SEE DWG
DRAWN BY: JP
DATE:
DRAWING NO:



2 BASEBALL/SOFTBALL FIELD TURF SECTION
CL502 NOT TO SCALE



3 CURB AT BASEBALL/SOFTBALL TURF
CL502 NOT TO SCALE



5 DUGOUT RAIL AND NETTING DETAIL
CL502 NOT TO SCALE

ISSUED FOR BIDDING AND CONSTRUCTION 02/27/2026

Perkins&Will

310 Comal St., Suite 100
Austin, TX 78702
t 512.997.5261
www.perkinswill.com

CONSULTANTS

CIVIL
Garza EMC, LLC
7708 Rialto Blvd., Suite 125
Austin, TX 78735
STRUCTURAL
Datum Engineers
8140 N. Mopac Expwy., Building 1, Suite 120
Austin, TX 78759
MEP
EMA Engineering
103 S. 12th St, Suite 202
Pflugerville, TX 78660
LANDSCAPING
Coleman & Associates
9890 Silver Mountain Drive
Austin, TX 78737
ROOF CONSULTING
Armko Industries, Inc.
1320 Spinks Road
Flower Mound, TX 75028
TECHNOLOGY
True North Consulting Group
13284 Pond Springs Rd., Suite 304 Austin, TX 78729
OWNER
ROUND ROCK ISD
16255 GREAT OAKS DRIVE, STE. 600
ROUND ROCK, TX 78681
FACILITY
MCNEIL HIGH SCHOOL
5720 MCNEIL DR
AUSTIN, TX 78729
CONTRACTOR
Joeris General Contractors
9211 Waterford Centre Blvd #150, Austin, TX 78758

STATE OF TEXAS
VICTOR M. GIL
94994
LICENSED
PROFESSIONAL ENGINEER
2/27/2026

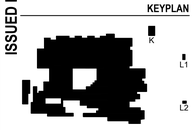
PROJECT

McNeil High School - Phase III

ROUND ROCK

Round Rock Independent School District
5720 McNeil Dr, Austin, TX 78729

KEYPLAN



ISSUE CHART

MARK	ISSUE	DATE

Job Number 213039

TITLE

DETAILS 3

SHEET NUMBER

CL502