Recharge and Transition Zone Exception Request Form Checklist

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

X **General Information Form (TCEQ-0587)**

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

X **Geologic Assessment Form (TCEQ-0585), if necessary**

Attachment A - Geologic Assessment Table (TCEQ-0585-Table)
Comments to the Geologic Assessment Table
Attachment B - Soil Profile and Narrative of Soil Units
Attachment C - Stratigraphic Column
Attachment D - Narrative of Site Specific Geology
Site Geologic Map(s)
Table or list for the position of features' latitude/longitude (if mapped using GPS)

X **Recharge and Transition Zone Exception Request Form (TCEQ-0628)**

Attachment A - Nature of Exception
Attachment B - Documentation of Equivalent Water Quality Protection

X **Temporary Stormwater Section (TCEQ-0602), if necessary**

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 sealing a feature)
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

N/A **Permanent Stormwater Section (TCEQ-0600), if necessary**

Attachment A - 20% or Less Impervious Cover Waiver, if project is multi-family residential, a school, or a small business and 20% or less impervious cover is proposed for the 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 BMPs not based on Complying with the Edwards Aquifer Rules: Technical Guidance for BMPs
Attachment I -Measures for Minimizing Surface Stream Contamination

X **Agent Authorization Form (TCEQ-0599), if application submitted by agent**

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

X **Check Payable to the "Texas Commission on Environmental Quality"**

X **Core Data Form (TCEQ-10400)**

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):**		0.095	
9. Application Fee:	$500		**10. Permanent BMP(s):**			N/A			
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	X 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, P.E.

Print Name of Customer/Authorized Agent

12/11/2023

Signature of Customer/Authorized Agent Date

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

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: 12/11/2023

Signature of Customer/Agent:

Project Information

1. Regulated Entity Name: Westside Maintenance Annex
2. County: Travis/Williamson
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: Terry Worcester, A.I.A., 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: terry_worcester@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: February 1, 2023

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 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:

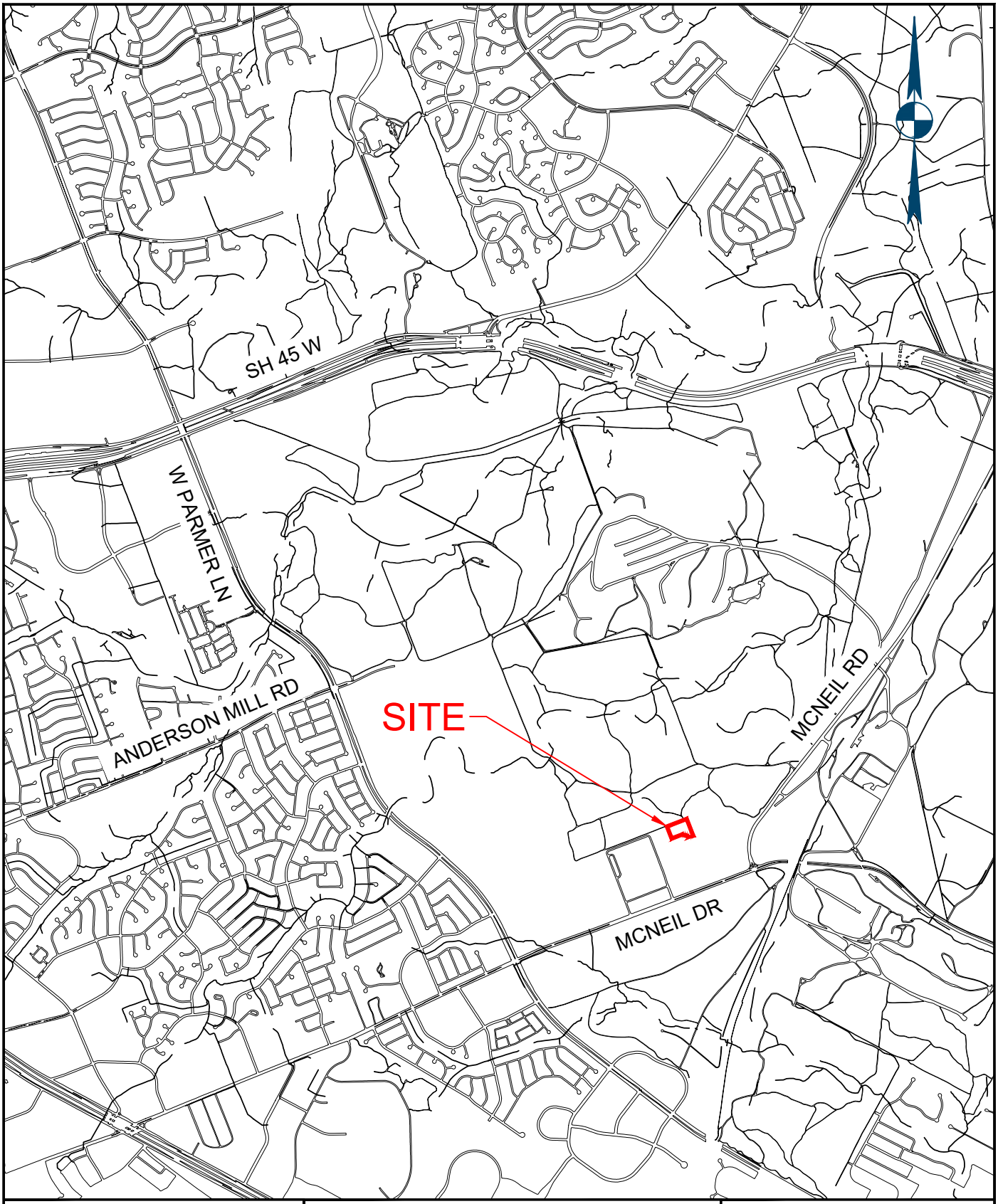
- ☐ TCEQ cashier
- ☒ Austin Regional Office (for projects in Hays, Travis, and Williamson Counties)
- ☐ San Antonio Regional Office (for projects in Bexar, Comal, Kinney, Medina, and Uvalde Counties)

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.

General Information Form - Attachment A

ROAD MAP



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

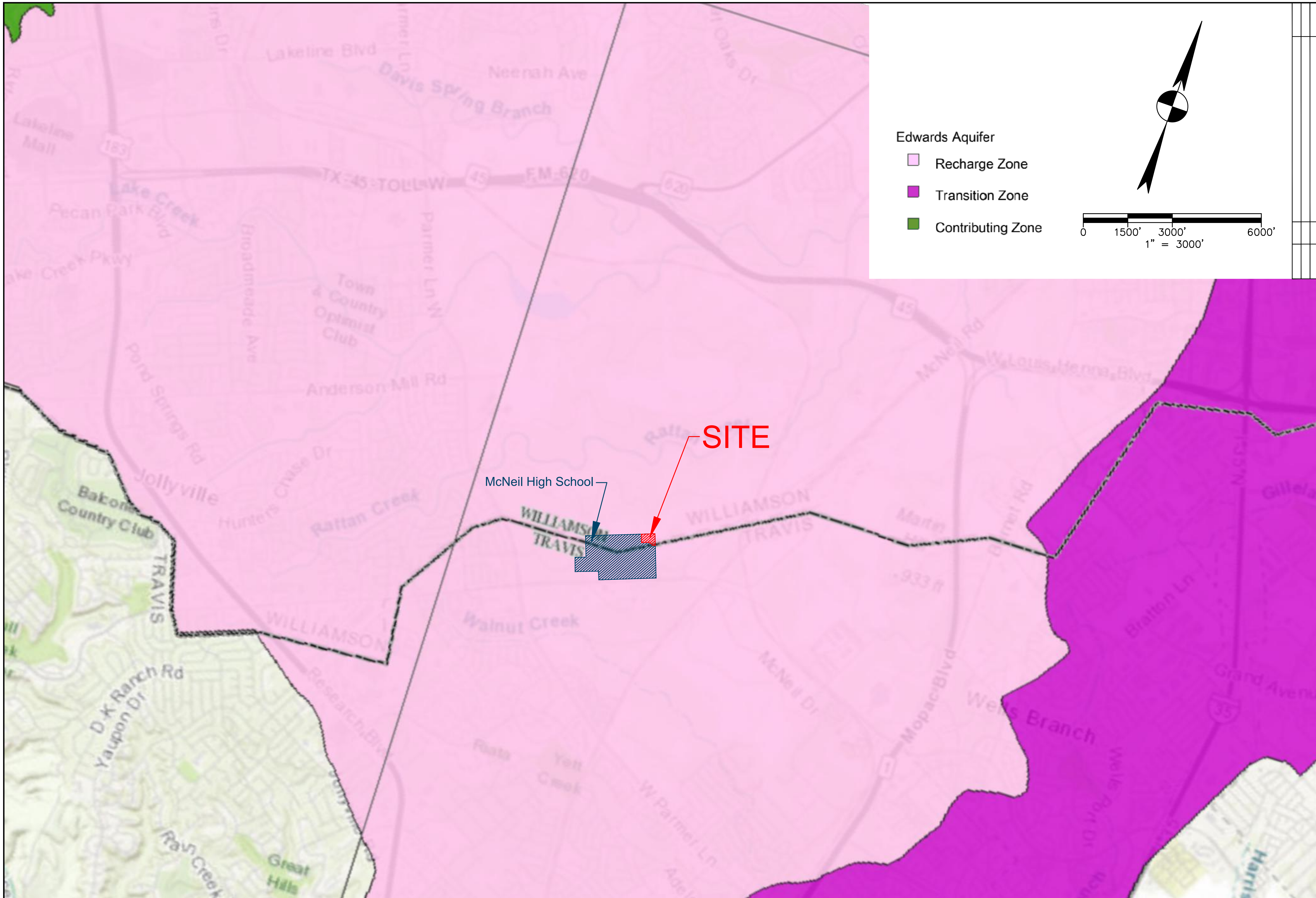
5720 MCNEIL DRIVE,
AUSTIN, TX 78729

SITE LOCATION MAP

DATE: 11/08/2018	SCALE: 1:3000	DRAWN BY:	FILE:	PROJECT No.: 108299-00016

General Information Form - Attachment B

USGS / Edwards Recharge Zone Map


Edwards Aquifer
Recharge Zone
Transition Zone
Contributing Zone
0
1500'
3000'
6000'
1" = 3000'
SITE
McNeil High School
WILLIAMSON
TRAVIS
Lakeline Blvd
Davis Spring Branch
Neenah Ave
TX-45 TOLL W
FM 620
Lake Creek
Pecan Park Blvd
Town & Country Optimist Club
Anderson Mill Rd
Pond Springs Rd
Jollyville
Hunters Chase Dr
Rattan Creek
Balcones Country Club
Walnut Creek
D K Ranch Rd
Yaupon Dr
Research Blvd
Great Hills
W Louis Henna Blvd
McNeil Rd
Wells Branch
Mopac Blvd
Bratton Ln
Grand Avenue
W Parmer Ln
Parmer Ln W

APPROVAL | REVISION | NO. | DATE

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

EDWARDS AQUIFER MAP

MCNEIL HIGH SCHOOL
5720 MCNEIL DR, AUSTIN, TX 78729

ROUND ROCK INDEPENDENT SCHOOL DISTRICT

DRAWN BY:
DESIGNED BY:
QA / QC:
PROJECT NO.: 108299-00016

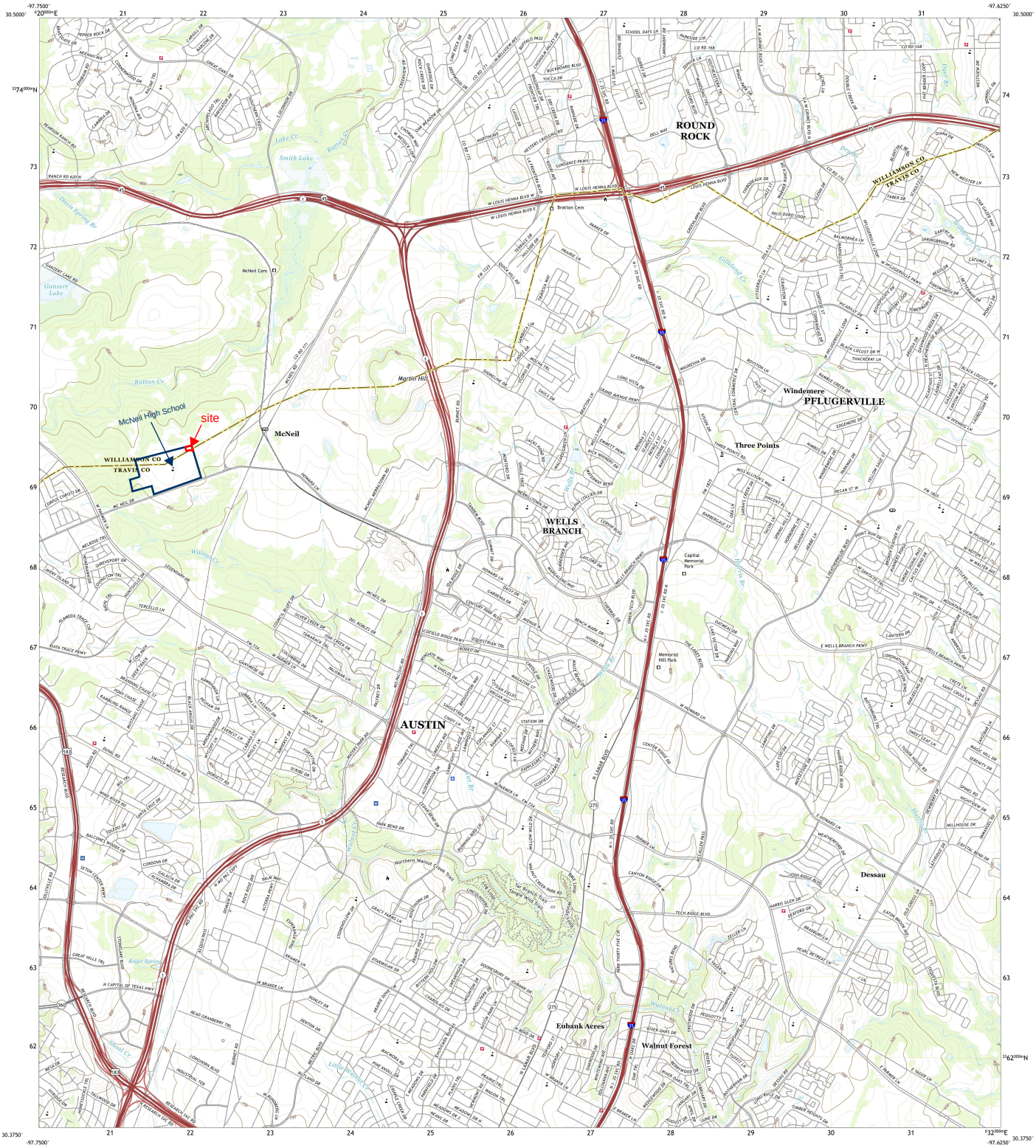
SHEET
EXH

V:\108299-00016\Civil\00-CAD\EXHIBITS\SDP EXHIBITS\Edward Aquifer Map.dwg modified by curteaga on Jul 13, 21 8:48 AM

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

The National Map US Topo

PFLUGERVILLE WEST QUADRANGLE
TEXAS
7.5-MINUTE SERIES



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

Imagery.....NAIP, September 2016 - November 2016
Roads.....U.S. Census Bureau, 2015
Names.....GNIS, 1979 - 2018
Hydrography.....National Hydrography Dataset, 2000 - 2018
Contours.....National Elevation Dataset, 2002
Boundaries.....Multiple sources; see metadata file 2016 - 2017

Wetlands.....FWS National Wetlands Inventory 1982

UTM GRID AND 2019 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

1 0.5 0 KILOMETERS 1 2
1000 500 0 METERS 1000 2000
1 0.5 0 MILES 1
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 FEET

CONTOUR INTERVAL 10 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

This map was produced to conform with the National Geospatial Program US Topo Product Standard, 2011.
A metadata file associated with this product is draft version 0.6.18

TEXAS
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

ADJOINING QUADRANGLES
1 Leander
2 Round Rock
3 Hutto
4 Jollyville
5 Pflugerville East
6 Austin West
7 Austin East
8 Manor

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

PFLUGERVILLE WEST, TX
2019

NSN 7643013934927
NGA REF NO. USGS24934927

General Information Form - Attachment C

PROJECT DESCRIPTION

ATTACHMENT C – PROJECT DESCRIPTION

The project associated with this exception request is approximately 4,132.5 sf in total area within the McNeil High School campus. The proposed improvements are a 1,919 sf greenhouse and approximately 140 sf of concrete sidewalk. The greenhouse will not be connected to the sewage collection system but will be connected to the existing 1" private water line currently serving the Ag facilities. The proposed site work also includes removal of 2,085.7 sf of existing concrete. The existing concrete to be removed will offset the proposed impervious and therefore we are requesting an exception to additional permanent water quality controls.

The project is proposed to be constructed in one phase.

The entirety of the site is located within the City of Austin Extraterritorial Jurisdiction. The northern portion of the property is located within Williamson County and the southern portion is located within Travis County. This site is not zoned. There are no areas offsite that will impact the project.

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, an exception request is required.

Horizon™
Environmental Services, Inc.

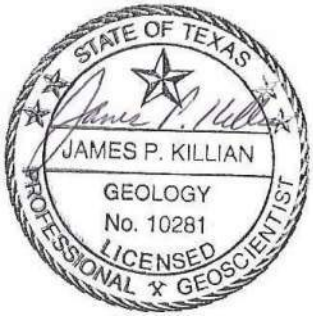
GEOLOGIC ASSESSMENT
MCNEIL HIGH SCHOOL ADDITIONS
5720 MCNEIL DRIVE
AUSTIN, TRAVIS AND WILLIAMSON COUNTIES, TEXAS
HJN 120012 GA BG 2

PREPARED FOR:

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

PREPARED BY:

HORIZON ENVIRONMENTAL SERVICES, INC.
TBPG FIRM REGISTRATION NO. 50488



JANUARY 2016

CORPORATE HEADQUARTERS
1507 S Interstate 35 ★ Austin, TX 78741-2502 ★ (512) 328-2430 ★ www.horizon-esi.com
Certified WBE/HUB/DBE/SBE

Horizon
Environmental Services, Inc.

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

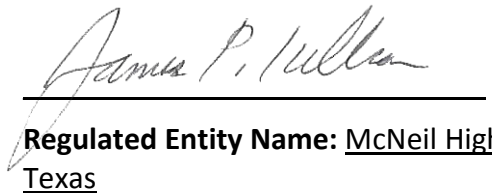
To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. My signature certifies that I am qualified as a geologist as defined by 30 TAC Chapter 213.

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

Date: 21 January 2016 Fax: 512 328-1804

Representing: Horizon Environmental Services, Inc. and TBPG Firm Registration No. 50488
(Name of Company and TBPG or TBPE registration number)

Signature of Geologist:



Regulated Entity Name: McNeil High School Additions; Austin, Travis and Williamson Counties, Texas

Project Information

1. Date(s) Geologic Assessment was performed: 8 December 2015 and 12 - 13 January 2016
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" = 100'
Site Geologic Map Scale: 1" = 100'
Site Soils Map Scale (if more than 1 soil type): 1" = 300'

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.

Horizon
Environmental Services, Inc.

ATTACHMENT A

GEOLOGIC ASSESSMENT TABLE

GEOLOGIC ASSESSMENT TABLE

PROJECT NAME: McNeil High School Additions, Austin, Travis & Williamson Co. Tx

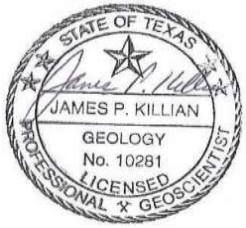
LOCATION			FEATURE CHARACTERISTICS												EVALUATION			PHYSICAL SETTING		
1A	1B *	1C*	2A	2B	3	4			5	5A	6	7	8A	8B	9	10		11		12
FEATURE ID	LATITUDE	LONGITUDE	FEATURE TYPE	POINTS	FORMATION	DIMENSIONS (FEET)			TREND (DEGREES)	DOM	DENSITY (NO/FT)	APERTURE (FEET)	INFILL	RELATIVE INFILTRATION RATE	TOTAL	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

* DATUM: State Plane Texas Central

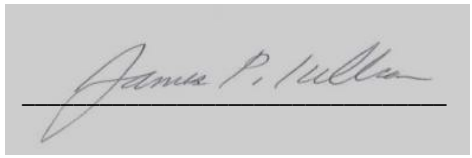
2A TYPE	TYPE	2B POINTS
C	Cave	30
SC	Solution cavity	20
SF	Solution-enlarged fracture(s)	20
F	Fault	20
O	Other natural bedrock features	5
MB	Manmade feature in bedrock	30
SW	Swallow hole	30
SH	Sinkhole	20
CD	Non-karst closed depression	5
Z	Zone, clustered or aligned features	30

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 : 13 January 2016

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

GEOLOGIC ASSESSMENT TABLE

PROJECT NAME: McNeil High School Additions, Austin, Travis & Williamson Co. Tx

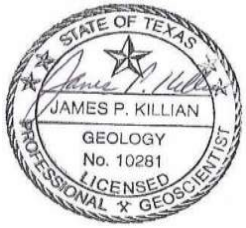
LOCATION			FEATURE CHARACTERISTICS												EVALUATION			PHYSICAL SETTING		
1A	1B *	1C*	2A	2B	3	4			5	5A	6	7	8A	8B	9	10		11		12
FEATURE ID	LATITUDE	LONGITUDE	FEATURE TYPE	POINTS	FORMATION	DIMENSIONS (FEET)			TREND (DEGREES)	DOM	DENSITY (NO/FT)	APERTURE (FEET)	INFILL	RELATIVE INFILTRATION RATE	TOTAL	SENSITIVITY		CATCHMENT AREA (ACRES)		TOPOGRAPHY
						X	Y	Z		10						<40	>40	<1.6	>1.6	
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

* DATUM: State Plane Texas Central

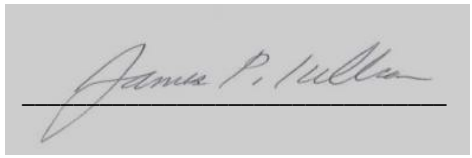
2A TYPE	TYPE	2B POINTS
C	Cave	30
SC	Solution cavity	20
SF	Solution-enlarged fracture(s)	20
F	Fault	20
O	Other natural bedrock features	5
MB	Manmade feature in bedrock	30
SW	Swallow hole	30
SH	Sinkhole	20
CD	Non-karst closed depression	5
Z	Zone, clustered or aligned features	30

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 : 13 January 2016

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

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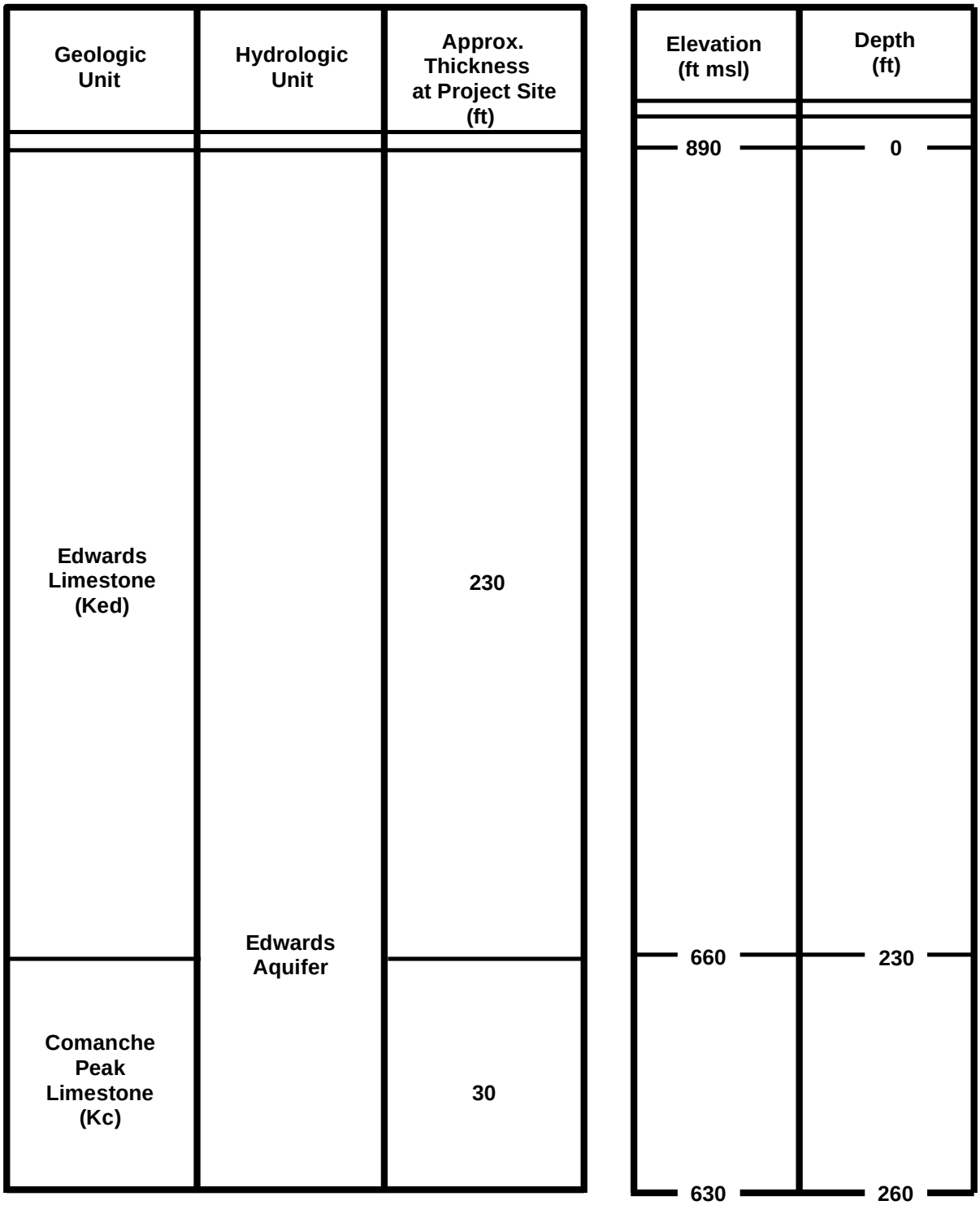
ATTACHMENT B

STRATIGRAPHIC COLUMN



Note: Unit elevation and thickness given with respect to a ground surface elevation of 890 feet on the central portion of the subject site.

Horizon Environmental Services, Inc.

Date:	1/12/2015
Drawn:	REO
HJN NO:	120012 BG 2

Attachment B

Stratgraphic Column
McNeil High School Additions
5720 McNeil Drive
Austin, Travis and Williamson Counties, Texas

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

120012- McNeil HS void\McNeil Additions- BG 2\Graphics\120012A05BG2GA_Strat.mxd

Horizon
Environmental Services, Inc.

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 the McNeil High School Additions was conducted pursuant to Texas rules for regulated activities on 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 undifferentiated Edwards Limestone (Ked). Underlying the Edwards Limestone is the Comanche Peak Limestone (Kc) (UT-BEG 1981).

Seven natural geologic (recharge) features (F-1 to F-7) and 11 manmade features (M-1 to M-11) were identified at the subject site. Further information pertaining to the geologic and manmade features are presented in the following Attachments D, E, and F. Photographs of the subject site and select features are presented in Attachment G.

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ATTACHMENT D

SITE GEOLOGIC MAP

"WELDON" CAVE

F-3

F-2

M-9

M-8

M-10

UNLISTED KARST FEATURE 110'Lx60'Wx3'D FOOTPRINT

"MILLIPEDE ANNEX" CAVE. EXCLUDED FROM PROTE

F-1

Ked

"MILLIPEDE" CAVE. NOT LISTED

F-7

F-6

M-1

M-7

F-4

F-5

M-11

M-6

M-2

Ked

M-3

"NO RENT" CAVE

M-5

M-4

Horizon Environmental Services, Inc.	Date:	1/21/2016
	Drawn:	REO
	HJN NO:	120012 BG 2
	Source:	UT-BEG, 1981; USDA, 2014

Legend

- Geologic Feature
- Man-Made Feature
- Subject Site
- Edwards Limestone (Ked)

Attachment D

Site Geologic Map
McNeil High School Additions
5720 McNeil Drive
Austin, Travis and Williamson Counties, Texas

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

0 50 100
Feet

Scale: 1" = 100'

120012- McNeil HS void\McNeil Additions- BG 2\Graphics\120012D01BG2GA_SGM.mxd

Horizon
Environmental Services, Inc.

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. Horizon Environmental Services, Inc. (Horizon) 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).

Horizon walked transects spaced less than 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. Horizon also searched the area around any potential recharge features encountered to look for additional features. When necessary, Horizon 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 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 (Attachment 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 land. An active rock quarry (Austin White Lime) is located farther to the east.

2.3 TOPOGRAPHY AND SURFACE WATER

The subject site is situated on gently sloping terrain within both the Rattan Creek and Walnut Creek watersheds (Attachment 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 southwest portion of the site, to a maximum of approximately 890 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 entire subject site is found within the Edwards Aquifer Recharge Zone (TCEQ, 2016) (Attachment F, Figure 2).

2.5 SURFACE SOILS

Five soil units are mapped within the subject site (NRCS, 2016) (Attachment 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.

The Eckrant series is represented by 1 mapping unit at the subject site: Eckrant extremely stony clay (EeB). Eckrant soils are shallow, well-drained, and slowly permeable soils that formed as a residual soil over limestone substrate. The series is commonly very dark gray, very gravelly clay about 0.5 to 1.0 feet thick. Permeability is slow, and available water holding capacity is very low.

Georgetown stony clay loam, 1 to 3% slopes (GsB): This gently sloping soil occurs within upland areas. 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 Speck series consists of shallow, well-drained soils overlying limestone. The surface layer is noncalcareous, reddish-brown clay loam about 14 inches thick. The next layer, which extends to a depth of about 18 inches, is noncalcareous, dark reddish-brown gravelly clay. The underlying material is limestone rock. Many stones and pebbles are on the surface. This soil is slowly permeable, and the available water capacity is low. Speck stony clay loam (SsC) 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.

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 10 wells within 0.5 miles of the subject site (TCEQ, 2016; TWDB, 2016). Off-site well No. 5835409 (Austin White Lime) is reportedly completed in the Edwards Aquifer with a total depth of approximately 200 feet. The 7 remaining off-site (monitor) wells are reportedly completed in the Edwards with total depths ranging from only 30 to 104 feet. Additionally, Horizon observed no apparent water wells on the subject site during the site survey.

The results of this assessment do not preclude the existence of undocumented or abandoned wells on the site. If a water well or casing is encountered during construction, work should be halted near the object until the TCEQ is contacted. If any on-site wells are not intended for future use, they should be capped or properly abandoned according to the Administrative Rules of the Texas Department of Licensing and Regulation (TDLR), 16 Texas Administrative Code (TAC), Chapter 76. A plugging report must be submitted by a licensed water well driller to the TDLR Water Well Driller's Program, Austin, Texas. TCEQ publication RG-347, "Landowner's Guide to Plugging Abandoned Water Wells," provides specific guidance. If a well is intended for use, it must comply with 16 TAC §76.

2.7 GEOLOGY

Literature Review

A review of existing literature shows the entire subject site is underlain by the undifferentiated Edwards Limestone Formation (Ked) Bureau of Economic Geology (UT-BEG, 1981) with an estimated maximum thickness of about 230 feet at higher elevations located near the west-central portion of the site. 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 (rudistid biostromes and miliolid biosparite). The dolomite is fine to very fine-grained, porous, and medium-gray to grayish-brown. Chert nodules and plates are common.

The subject site is located immediately west of the Balcones Fault Zone. Available geologic reports indicate the nearest mapped fault is located approximately 1 mile east of the site, trending from southwest to northeast (azimuth: N35°E) (UT-BEG, 1981). In general, the rock strata beneath the site dip to the southeast at about 10 to 30 feet per mile. The site Stratigraphic Column is provided as Attachment B, and the Site Geologic Map is Attachment D.

Field Assessment

A field survey of the subject site was conducted by a licensed Horizon geologist on 8 December 2015 and 12 to 13 January 2016. Horizon identified 7 natural geologic features (F-1 to F-7) on the subject site that meet the TCEQ definition of a potential recharge feature. These features are further described below. Additionally, Horizon observed 11 manmade features (M-1 to M-11) at the subject site that meet the TCEQ definition of a manmade potential recharge feature. All of the manmade features are existing surface runoff (storm water) detention and/or retention areas.

All of the geologic and manmade features were evaluated for their potential to be significant pathways for fluid movement into the Edwards Aquifer. The Geologic Assessment Table (Attachment A) summarizes this evaluation and assigns each feature's sensitivity a total point value. Those with a point value of 40 or higher are deemed to be sensitive groundwater recharge features and should be protected during site development pursuant to TCEQ rules for protection of the Edwards Aquifer (30 TAC 213).

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 x 60 feet wide x 3 feet deep with 1 semi-open drainage portal amongst leaves, loose soil, and rocks. The drainage portal is located near the north-central portion of the sink floor and measures approximately 1 foot long x 0.5 feet wide x 1 foot deep. Moderate to high air flow conductivity was noted at the opening. After limited hand excavation, probing with a steel rod encountered loose soil and rocks down about 2 feet below the surface. Based on the feature's overall size, the presence of air flow conductivity, and a drainage portal opening, 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 x 1 foot deep. The second solution cavity measures approximately 2 inches in diameter x 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 x 30 feet wide x 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 x 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 x 20 feet wide x 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 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 x 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 x 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 x 2 feet wide x 11 feet deep that is within the center of a small sinkhole about 10 feet in diameter x 2 feet deep. Moderate air flow conductivity was noted. The solution cavity widens with depth into a 3 to 6 feet 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 City of Austin 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 x 1 feet wide x 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 x 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 x 0.8 feet wide x 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 x 70 feet wide x 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 x 15 feet wide x 2 to 4 feet high. Millipede Annex Cave extends toward the northeast form its gated entrance in another low bedding plane void measuring approximately 65 feet long x 10 to 20 feet wide x 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.

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, Horizon recommends the setback buffer for feature F-1 be reduced to the immediate (undeveloped) school campus picnic area (~0.75 acres).

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.

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, Horizon recommends the setback buffer for each these features occur only within the (undeveloped) school campus courtyard area (~0.62 acres).

All of the manmade features (M-1 to M-11) 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 manmade 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. The nature of the immediate subgrade area is fault-influenced, which can result with variable-sized voids in materials that may otherwise not be noted as void- or cave-forming. 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. City of Austin GIS Data Sets. Year 2012 2-foot contours of the City of Austin and ETJ only <ftp://ftp.ci.austin.tx.us/GIS-Data/Regional/coa_gis.html>. 2012.

_____. Cave maps of Weldon and No Rent Cave by Nico Hauwert and Mark Sanders. Mapped 4 November 2010.

(ESRI) Environmental Systems Research Institute, Inc. Street Map North America Data Layer. ESRI, Redlands, California. 2012.

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

(NRCS) Natural Resources Conservation Service (formerly the Soil Conservation Service) US Department of Agriculture, Engineering Division. *Soil Series and Hydrologic Soil Groups of Urban Hydrology for Small Watersheds*, Technical Release No. 55. January 1975.

_____. Web Soil Survey, <http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>. Accessed 10 December 2015 and 11 January 2016.

(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.

_____. Edwards Aquifer Protection Program. Edwards Aquifer Viewer, <http://www.tceq.state.tx.us/field/eapp/viewer.html>. Accessed 11 January 2016.

(TWDB) Texas Water Development Board. Water Information Integration and Dissemination System. TWDB Groundwater Database (ArcIMS), <http://wiid.twdb.state.tx.us/ims/wwm_drl/viewer.htm?>. Accessed 12 January 2016.

(USDA) US Department of Agriculture. National Agriculture Imagery Program, Farm Service Agency, Aerial Photography Field Office. Travis and Williamson Counties, Texas. 2014.

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

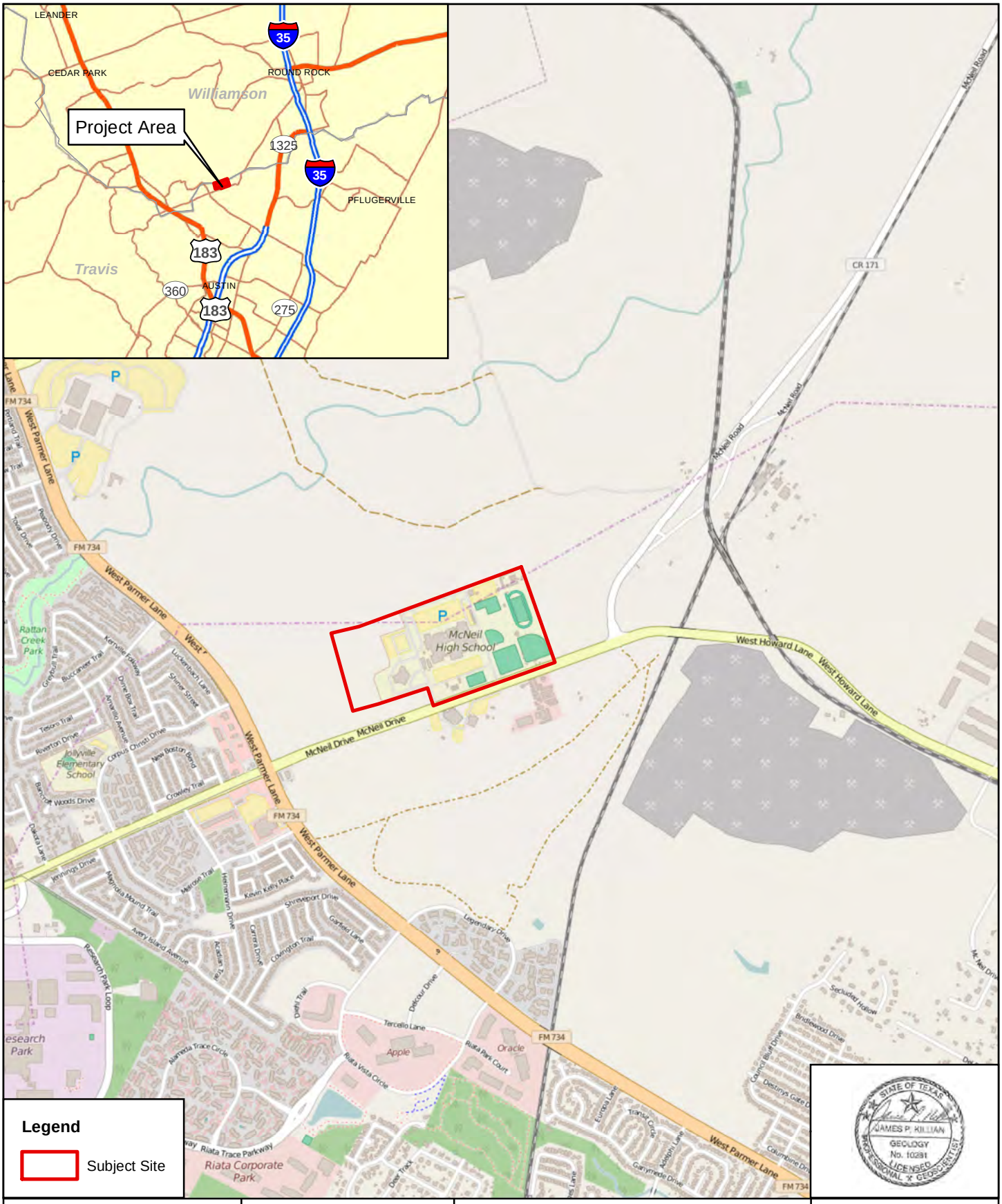
(UT-BEG) University of Texas Bureau of Economic Geology, C.V. Proctor, Jr., T.E. Brown, J.H. McGowen, N.B. Waechter, and V.E. Barnes. *Geologic Atlas of Texas*, Austin Sheet, Francis Luther Whitney Memorial Edition. 1974; revised 1981.

Werchan, L. E., and J. L. Coker. Soil survey of Travis County, Texas. Soil Conservation Service, US Department of Agriculture, Washington, D.C. 1974.

Werchan, L. E., and J. L. Coker. Soil survey of Williamson County, Texas. Soil Conservation Service, US Department of Agriculture, Washington, D.C. 1983.

ATTACHMENT F

ADDITIONAL SITE MAPS



Horizon Environmental Services, Inc.

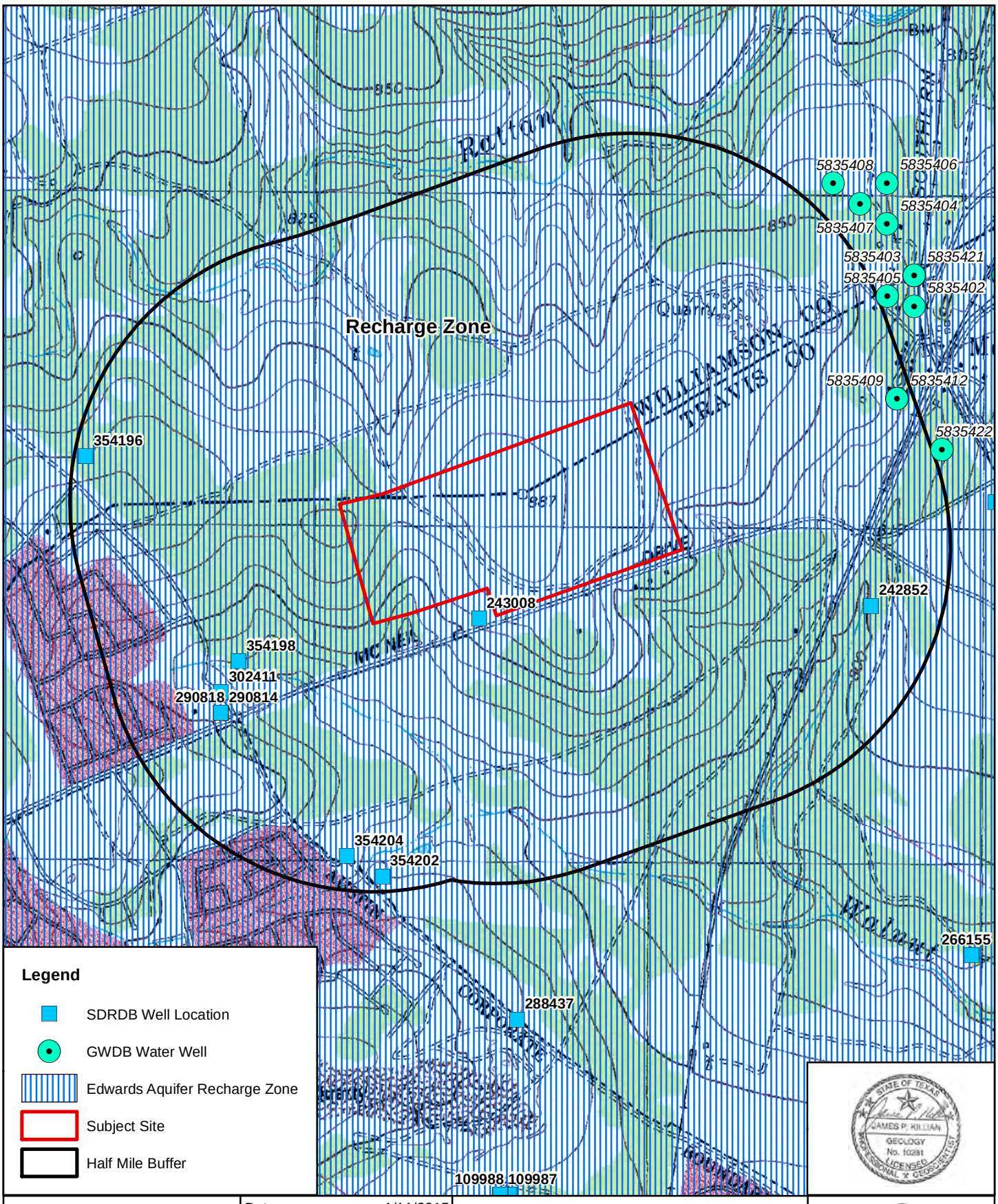
Date:	1/11/2015
Drawn:	REO
HJN NO:	120012 BG 2
Source:	ESRI, 2012

Attachment F, Figure 1

Vicinity Map
McNeil High School Additions
5720 McNeil Drive
Austin, Travis and Williamson Counties, Texas

0 1,000 2,000
Feet

120012- McNeil HS void\McNeil Additions- BG 2\Graphics\120012A01BG2GA_Vicinity.mxd



Horizon Environmental Services, Inc.

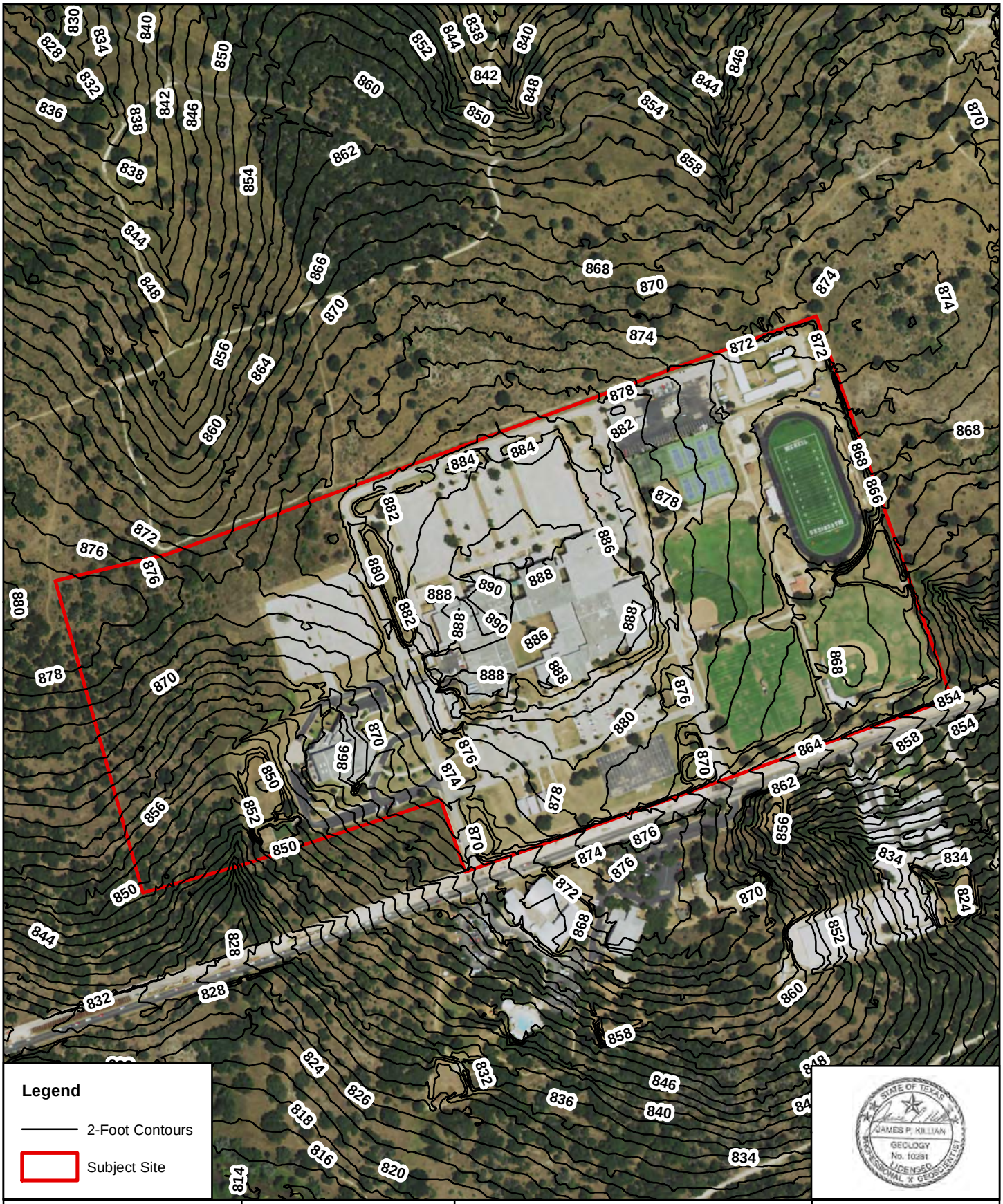
Date:	1/11/2015
Drawn:	REO
HJN NO:	120012 BG 2
Source:	USGS, 1987; TCEQ, 2016; TWDB, 2016

Attachment F, Figure 2

Topography and Hydrogeology Map
McNeil High School Additions
5720 McNeil Drive
Austin, Travis and Williamson Counties, Texas

0 650 1,300
Feet

120012- McNeil HS void\McNeil Additions- BG 2\Graphics\120012A02BG2GA_Topo_Hydro.mxd



JAMES P. KILLIAN
GEOLOGY
No. 10291
LICENSED
PROFESSIONAL GEOSCIENTIST
STATE OF TEXAS

Horizon
Environmental Services, Inc.

Date:	1/11/2015
Drawn:	REO
HJN NO:	120012 BG 2
Source:	COA; 2012; USDA, 2014

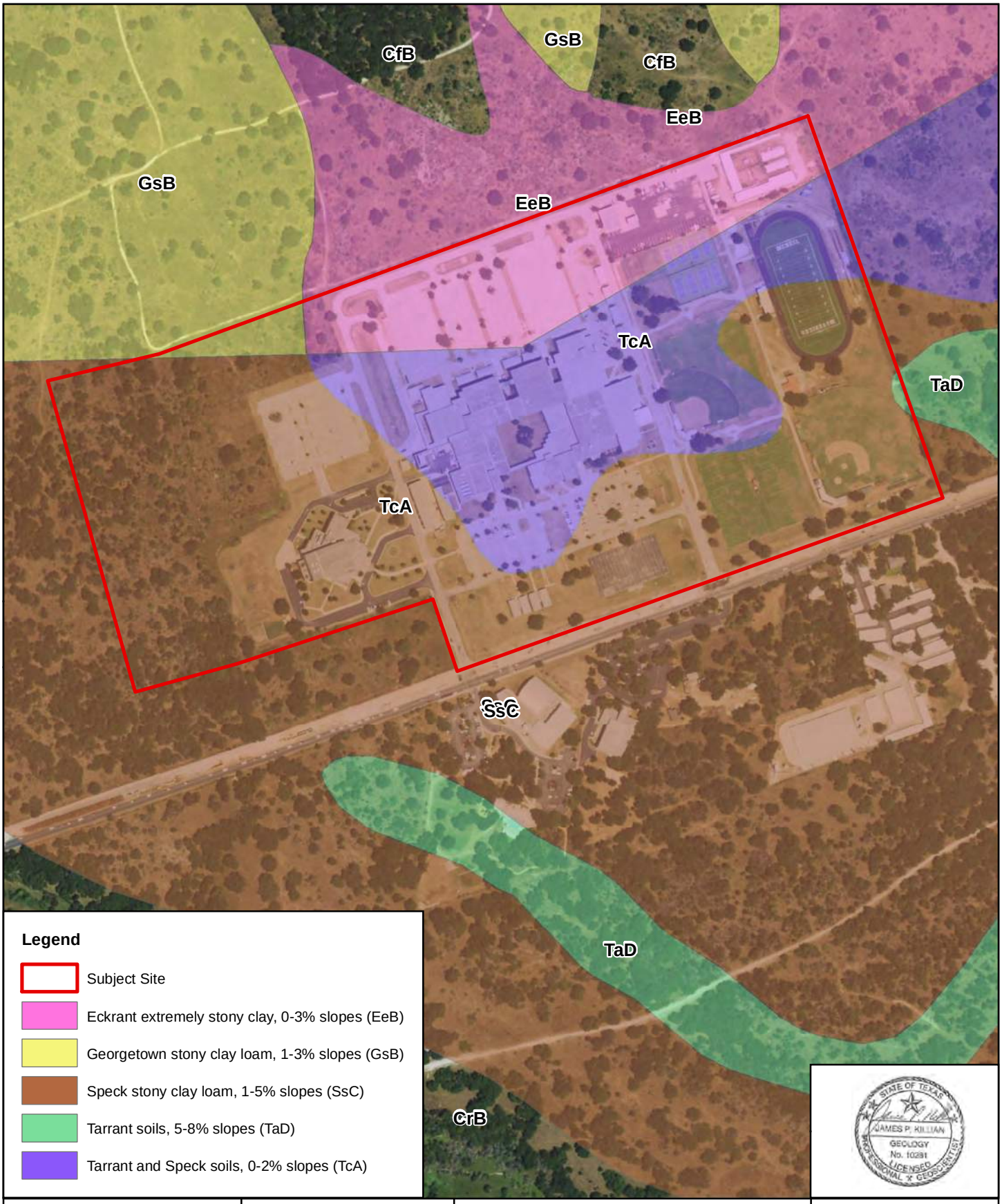
Attachment F, Figure 3

Site Topography Map
McNeil High School Additions
5720 McNeil Drive
Austin, Travis and Williamson Counties, Texas

N

0 250 500
Feet

120012- McNeil HS void\McNeil Additions- BG 2\Graphics\120012A03BG2GA_Topo.mxd



Legend

- Subject Site
- Eckrant extremely stony clay, 0-3% slopes (EeB)
- Georgetown stony clay loam, 1-3% slopes (GsB)
- Speck stony clay loam, 1-5% slopes (SsC)
- Tarrant soils, 5-8% slopes (TaD)
- Tarrant and Speck soils, 0-2% slopes (TcA)

STATE OF TEXAS
JAMES P. KILLIAN
GEOLOGY
No. 10291
LICENSED
PROFESSIONAL GEOSCIENTIST

Horizon Environmental Services, Inc.

Date:	1/11/2015
Drawn:	REO
HJN NO:	120012 BG 2
Source:	USDA, 2014; NRCS, 2016

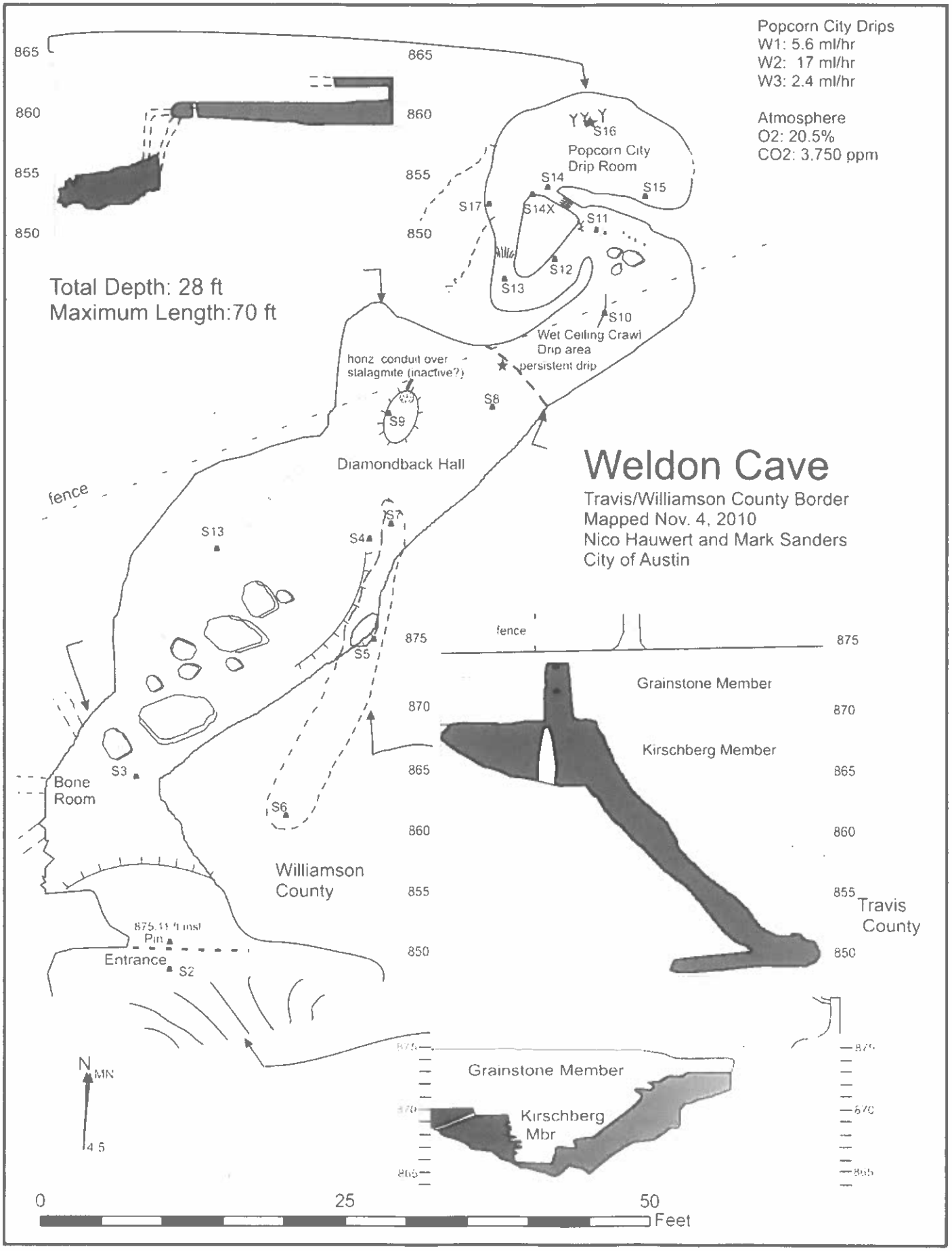
Attachment F, Figure 4

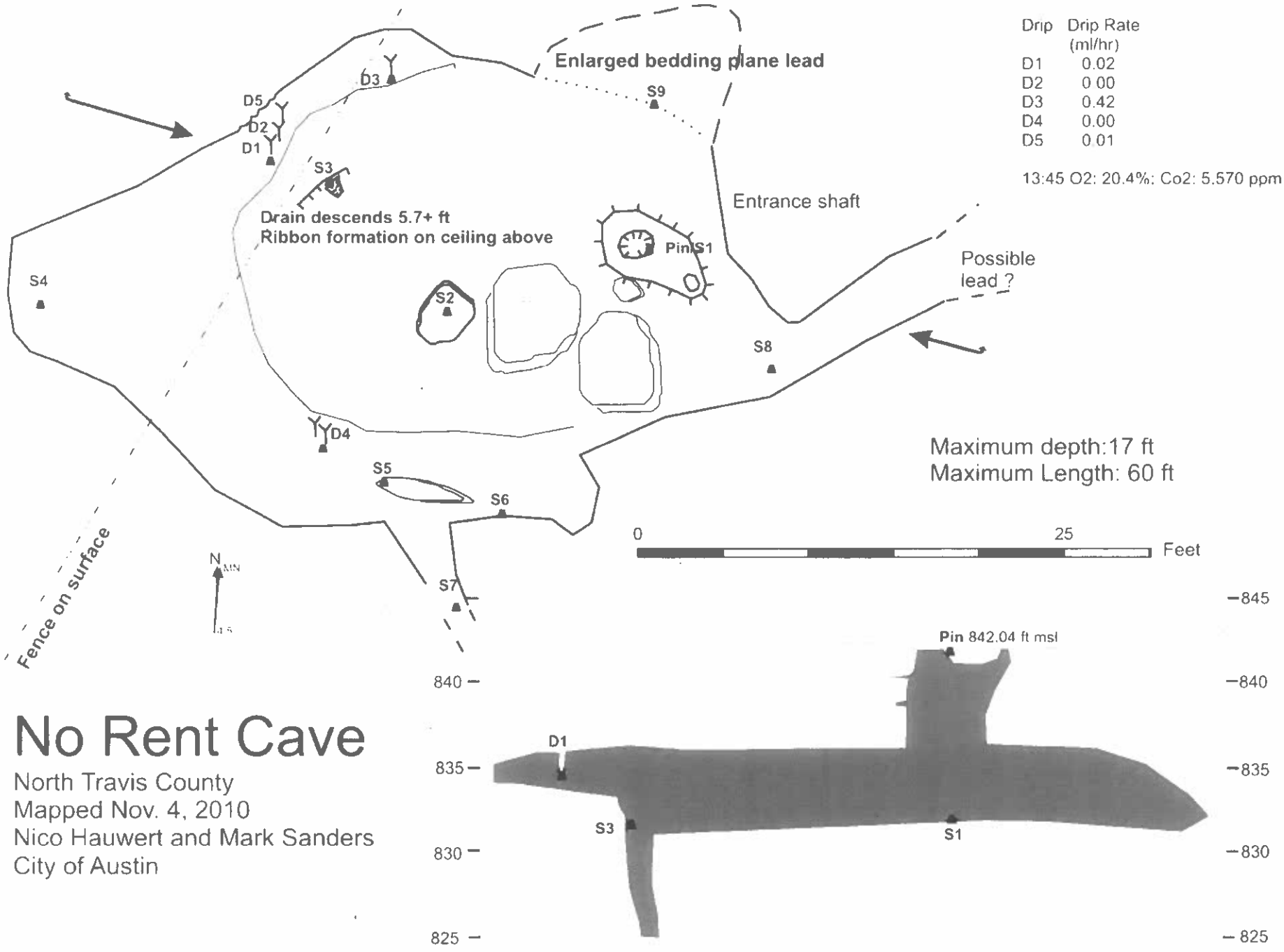
Surface Soil Map
McNeil High School Additions
5720 McNeil Drive
Austin, Travis and Williamson Counties, Texas

N

0 250 500
Feet

120012- McNeil HS void\McNeil Additions- BG 2\Graphics\120012A04BG2GA_Soils.mxd


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

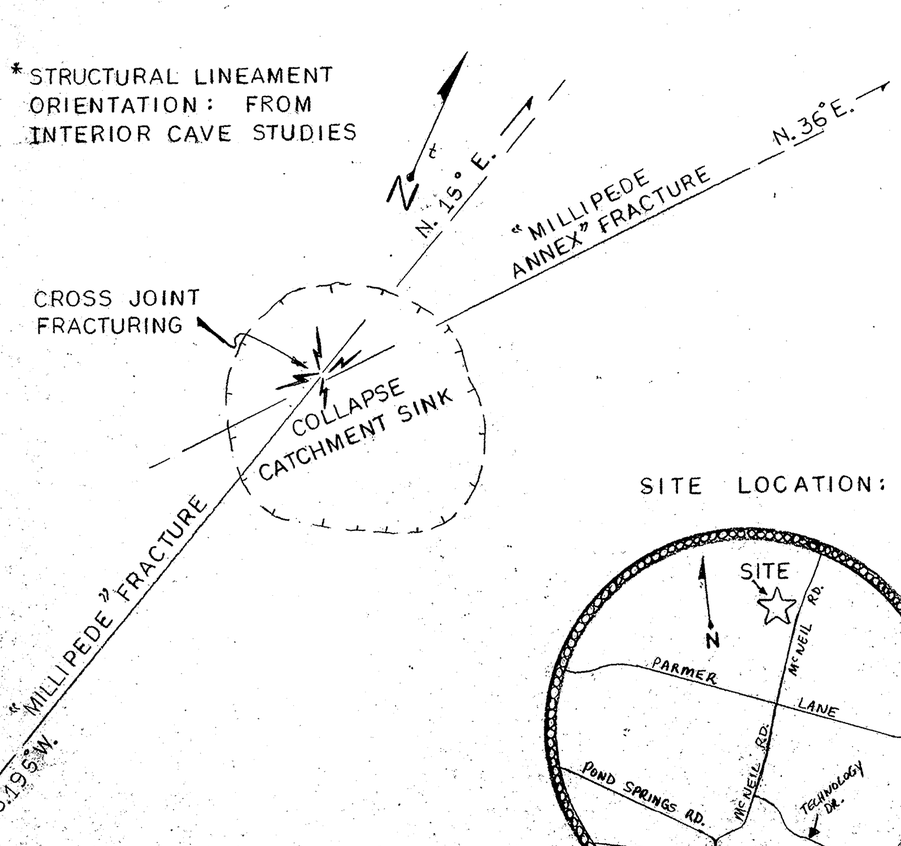
UNITS: SUUNTOS & TAPE SURVEYS / FEET & TENTHS

PERSONNEL:

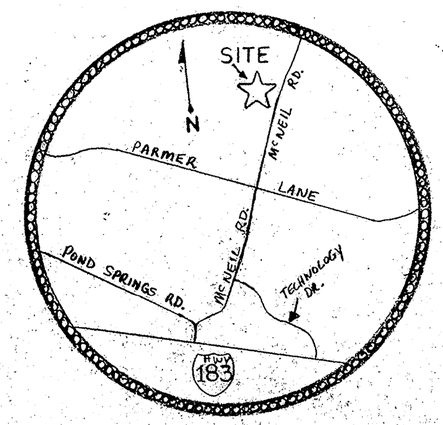
CHARLEY SAVVAS — LEE JAY GRAVES

DOUG ALLEN — MIKE WARTON

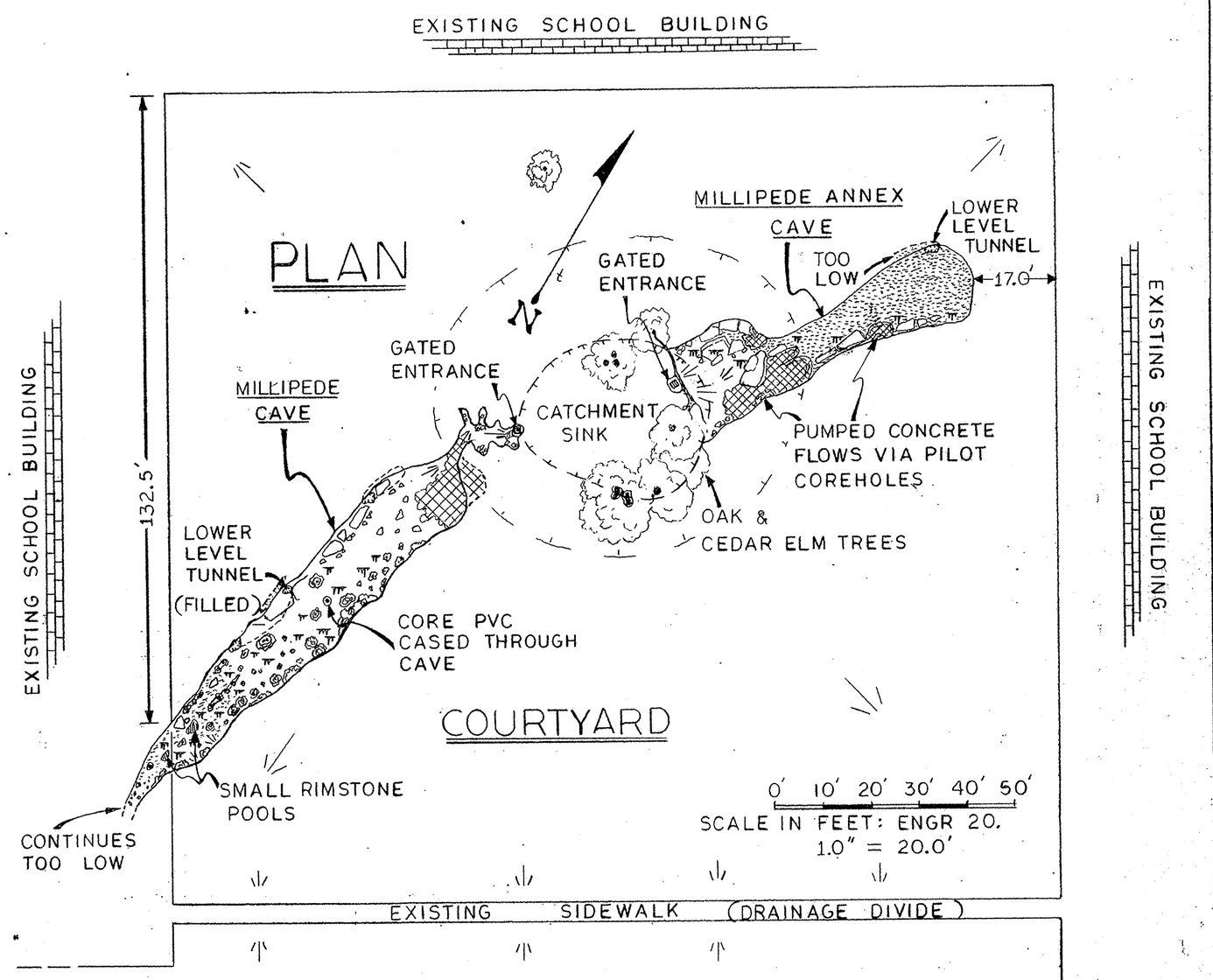
DRAFT BY: MIKE WARTON



SITE LOCATION:



T.S.S. 1992



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

Horizon
Environmental Services, Inc.

ATTACHMENT G

SITE PHOTOGRAPHS

Horizon
Environmental Services, Inc.

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

PHOTO 2
Opposite view near center of F-1, facing southeast. Internal drainage portal located on left side of sinkhole floor

PHOTO 3
Area view of geologic feature F-2 (two small solution cavities), facing northwest

PHOTO 4
Closer view of F-2 (on either side of notebook), facing down

Horizon
Environmental Services, Inc.

PHOTO 5
View of geologic feature F-3 (upland sinkhole - Weldon Cave), facing northwest

PHOTO 6
View inside Weldon Cave from east central portion of Diamondback Hall (ceiling over 10 feet high), facing southwest

PHOTO 7
View of geologic feature F-4 (solution cavity – No Rent Cave), facing west/southwest

PHOTO 8
View inside No Rent Cave from north-central portion, facing south

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Environmental Services, Inc.

PHOTO 9
View of geologic feature F-5 (solution cavity), facing northwest

PHOTO 10
View of manmade feature M-1, facing south/southeast

PHOTO 11
View of M-2, facing north

PHOTO 12
View of M-3 (foreground) and M-4, facing south

Horizon
Environmental Services, Inc.

PHOTO 13
View of M-5 (right) along Maverick Way West, facing northwest

PHOTO 14
View of M-6 (on right) and M-7 (in front of building), facing northwest

PHOTO 15
View of M-8, facing west

PHOTO 16
View of M-9, facing east

PHOTO 17
View of M-10, facing south

PHOTO 18
View of M-11, facing west

Recharge and Transition Zone Exception Request Form

Texas Commission on Environmental Quality
30 TAC §213.9 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 **Recharge and Transition Zone Exception Request Form** is hereby submitted for TCEQ review and executive director approval. The request was prepared by:

Print Name of Customer/Agent: Darren Huckert
Date: 12/04/23
Signature of Customer/Agent:

Regulated Entity Name: Westside Maintenance Annex

Exception Request

1. [X] **Attachment A - Nature of Exception**. A narrative description of the nature of each exception requested is attached. All provisions of 30 TAC §213 Subchapter A for which an exception is being requested have been identified in the description.
2. [X] **Attachment B - Documentation of Equivalent Water Quality Protection**. Documentation demonstrating equivalent water quality protection for the Edwards Aquifer is attached.

Administrative Information

3. [X] 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.
4. [X] The applicant understands that no exception will be granted for a prohibited activity in Chapter 213.
5. [X] The applicant understands that prior approval under this section must be obtained from the executive director for the exception to be authorized.

Exception Request - Attachment A

Nature of Exception

December 4, 2023

Texas Commission on Environmental Quality
Edwards Aquifer Protection Program
12100 Park 35 Circle
Austin, TX 78753

RE: Exception Request
Westside Maintenance Annex
McNeil High School (RRISD) Greenhouse Addition
5720 McNeil Drive
Austin, Texas 78729

Dear EAPP Staff,

This letter has been prepared to address this exception to water quality controls request submittal for the proposed Greenhouse Addition and related improvements to Round Rock ISD McNeil High School.

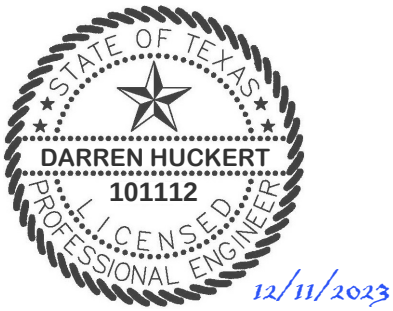
The proposed improvements include the addition of a 1,919 square foot greenhouse building, addition of sidewalk, demolition of existing structures to be returned to pervious landscape areas, and installation of approximately 16 LF of waterline to connect to greenhouse. The total disturbance of this proposed work is determined to be 4,132.5 square feet. There will be no increase in impervious cover associated with these proposed improvements.

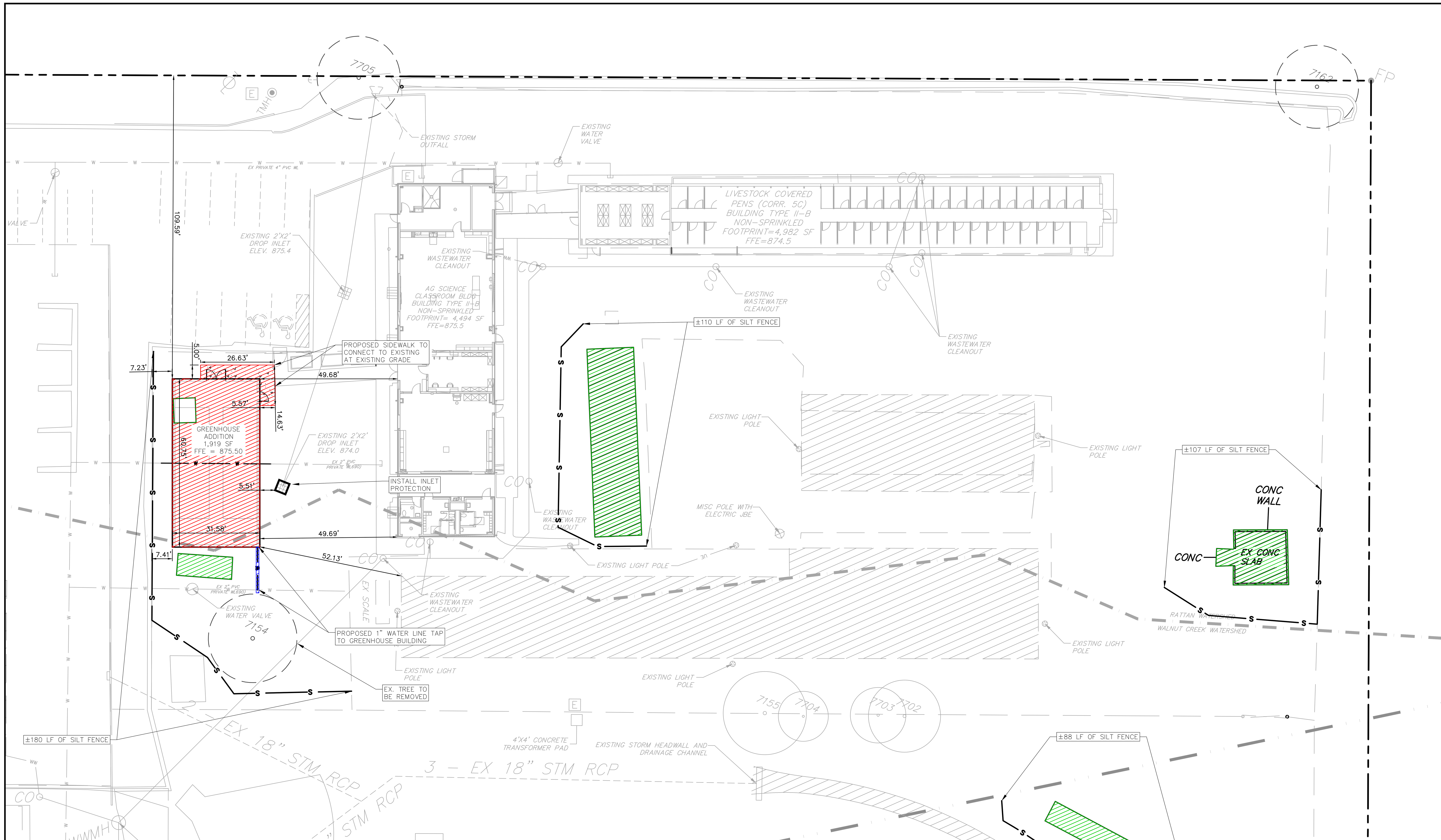
As this development will not add impervious cover to the property, it is determined that the proposed improvements qualify for an exception to water quality controls.

If you should have any questions or comments regarding this exception request, please do not hesitate to contact our office.

Sincerely,

Darren Huckert, P.E., LEED AP
Vice President

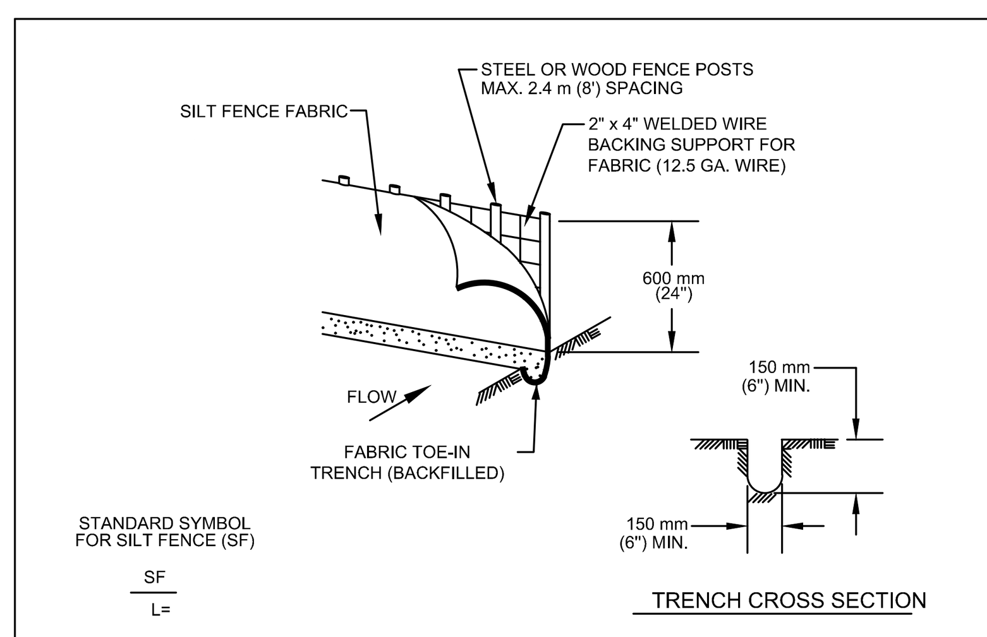




LEGEND

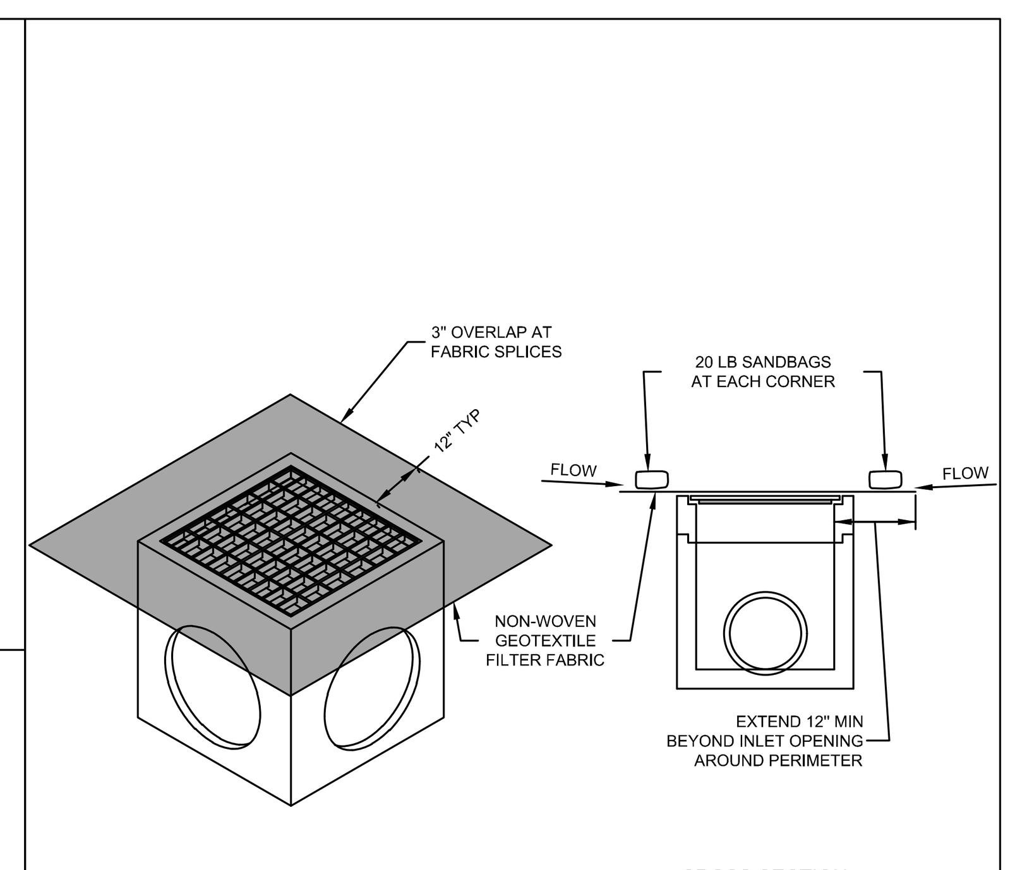
EXISTING	PROPOSED	DESCRIPTION
		PROPERTY LINE / R.O.W. LINE
		COUNTY LINE
(XXX)		RECORD INFORMATION
		LIGHT POLE
		GROUND LIGHT
		POWER POLE
		DOWN GUY
		WATER MANHOLE
		WATER LINE MARKER
		UNDERGROUND CABLE MARKER
		UNDERGROUND GAS LINE MARKER
		UNDERGROUND TELEPHONE MARKER
		GAS RISER
		TELEPHONE RISER
		SPRINKLER CONTROL BOX
		SWITCH GEAR & PAD
		TRANSFORMER (SIZE VARIES)
		FIRE HYDRANT
		WATER VALVE
		WATER METER
		WATER METER VAULT (SIZE VARIES)
		CABLE TV RISER
		ELECTRIC BOX
		ELECTRIC METER
		GAS METER
		GAS VALVE
		TRAFFIC CONTROL BOX
		TRAFFIC SIGNAL POST
		GRATE INLET
		CURB INLET (SIZE VARIES)
		GREASE TRAP (SIZE VARIES)
		ELECTRIC MANHOLE (SIZE VARIES)
		WASTEWATER MANHOLE (SIZE VARIES)
		STORMSEWER MANHOLE (SIZE VARIES)
		TELEPHONE MANHOLE (SIZE VARIES)
		WASTEWATER CLEANOUT
		WIRE FENCE
		WOOD FENCE
		CHAIN LINK FENCE
		DUMPSTER
		CURB & GUTTER
		EDGE OF PAVEMENT
		FIRE LANE DESIGNATION
		ACCESSIBLE ROUTE
		CONCRETE SIDEWALKS
		WALL
		SIGN
		WHEELSTOP
		BOLLARD
	FFE	FINISH FLOOR ELEVATION
_R @ 9.0'	_R @ 9.0'	PARKING COUNT (REGULAR SPACES)
_HC @ 9.0'	_HC @ 9.0'	PARKING COUNT (ACCESSIBLE SPACES)
_P @ 9.0'	_P @ 9.0'	PARKING COUNT (PARALLEL SPACES)
		ACCESSIBLE SPACE
		BIKE PARKING
		BARRICADE
		LIMITS OF CONSTRUCTION

Condition	Area (sf)
Added IC	2035.7
Removed IC	2045.9
Net IC	-10.2
Total Disturbance (Dash Hatch)	4098.1



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

CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT		SILT FENCE	
RECORD COPY SIGNED BY MORGAN BYARS	09/01/2011 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 642S-1



NOTES:
1. DAILY INSPECTION SHALL BE MADE BY THE CONTRACTOR AND SILT ACCUMULATION MUST BE REMOVED WHEN DEPTH REACHES 2".
2. CONTRACTOR SHALL MONITOR THE PERFORMANCE OF INLET PROTECTION DURING EACH RAINFALL EVENT AND IMMEDIATELY CLEAN THE INLET PROTECTION IF EXCESSIVE PONDING OCCURS.
3. INLET PROTECTIONS SHALL BE REMOVED AS SOON AS THE SOURCE OF SEDIMENT IS STABILIZED.

1 OF 1

AREA INLET PROTECTION DETAIL

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 BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

811 Know what's below. Call before you dig.

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

REVISION | NO. | DATE

STATE OF TEXAS
DARREN HUCKERT
101112
LICENSED PROFESSIONAL ENGINEER
2/5/2024

SITE DESIGN EXHIBIT

MCNEIL HIGH SCHOOL
5720 MCNEIL DRIVE, AUSTIN, TX 78729

ROUND ROCK INDEPENDENT SCHOOL DISTRICT

DRAWN BY: J. ADAMS
DESIGNED BY: C. ALLEN
QA / QC:
PROJECT NO.: 108299-00016

SHEET 1 OF 3

Exception Request - Attachment B

Documentation of Equivalent Water Quality Protection

ATTACHMENT B – Documentation of Equivalent Water Quality Protection

The existing concrete to be removed will offset the proposed impervious and therefore we are requesting an exception to additional permanent water quality controls.

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

Date: 02/06/2024

Signature of Customer/Agent:

Regulated Entity Name: Westside Maintenance 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.

Temporary Stormwater Section - Attachment A

SPILL RESPONSE ACTIONS

ATTACHMENT A – SPILL RESPONSE ACTIONS

The contractor shall be responsible for the adequate cleanup of any chemical spills during construction. 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.

Temporary Stormwater Section - Attachment B

POTENTIAL SOURCES OF CONTAMINATION

ATTACHMENT B – POTENTIAL SOURCES OF CONTAMINATION

Asphalt products will be used on this project. After placement of asphalt, emulsion, or coatings, the applicant will be responsible for immediate cleanup should an unexpected rain occur. For the duration of the asphalt product curing time, the contractor should maintain standby personnel and equipment to contain any asphalt wash-off 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.

Temporary Stormwater Section – Attachment C

SEQUENCE OF MAJOR ACTIVITIES

ATTACHMENT C – SEQUENCE OF MAJOR ACTIVITIES

1. Install erosion controls per approved plans (0.094 acres).
2. Hold pre-construction meeting (N/A).
3. Begin demolition of existing concrete (2,046 sf).
4. Begin trenching and installing utilities for the site (20 sf).
5. Begin grading and rough excavation for greenhouse foundation (0.094 acres).
6. Begin construction of greenhouse (1,919 sf).
7. Begin construction of hardscape and landscape areas (186 sf).
8. The contractor shall obtain Engineer's concurrence letter prior to step 11 (N/A).
9. Restore disturbed areas (0.094 acres).
10. Remove temporary erosion/sedimentation controls (0.094 acres).

Temporary Stormwater Section – Attachment D

TEMPORARY BEST MANAGEMENT PRACTICES AND MEASURES

ATTACHMENT D – TEMPORARY BEST MANAGEMENT PRACTICES AND MEASURES

Temporary BMP practices and measure will include installing silt fences, 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. Inlet protection measures will be installed on the new inlets throughout the site to minimize sediment buildup in the storm drain system. Dust control measures will be used to minimize airborne transmission of soil from the site. There is no offsite drainage flowing onto the site.

Temporary Stormwater Section – Attachment F

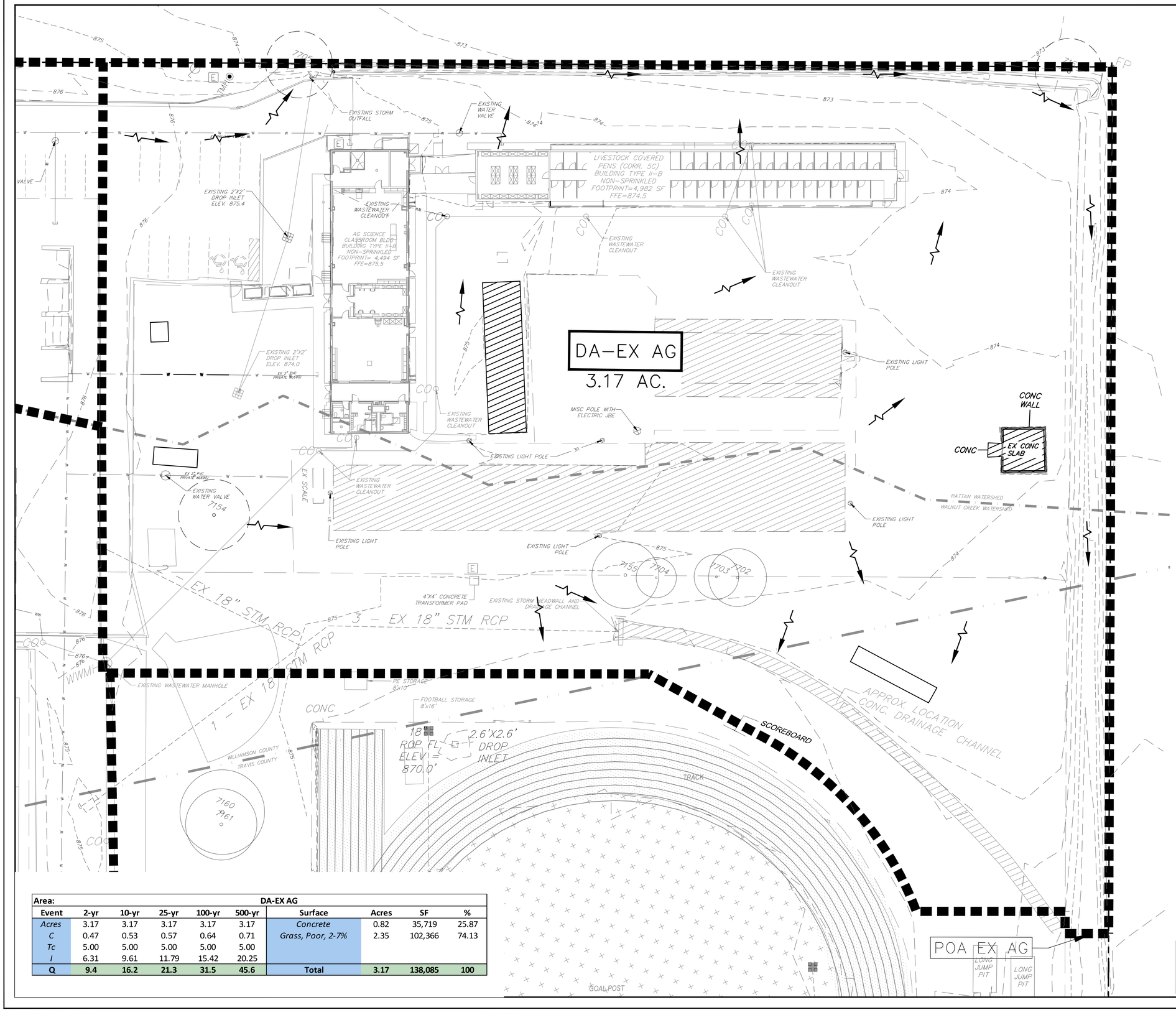
STRUCTURAL PRACTICES

ATTACHEMENT F – STRUCTURAL PRACTICES

Silt fences 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.

Temporary Stormwater Section – Attachment G

DRAINAGE AREA MAP



LEGEND

EXISTING	PROPOSED	DESCRIPTION
678	678	PROPERTY (R.O.W.) LINE CONTOUR
		TIME OF CONCENTRATION DRAINAGE DIVIDE
	P1 1.03 AC.	DIRECTION OF FLOW DRAINAGE AREA NUMBER AND ACREAGE

LEGEND

EXISTING	PROPOSED	DESCRIPTION
		PROPERTY LINE / R.O.W. LINE
		COUNTY LINE
		WATERSHED LINE
(xxx)		RECORD INFORMATION
		LIGHT POLE
		GROUND LIGHT
		POWER POLE
		DOWN GUY
WTRMH		WATER MANHOLE
		WATER LINE MARKER
CMKR		UNDERGROUND CABLE MARKER
GMKR		UNDERGROUND GAS LINE MARKER
UMKR		UNDERGROUND TELEPHONE MARKER
GRSR		GAS RISER
TRSR		TELEPHONE RISER
SPC		SPRINKLER CONTROL BOX
		SWITCH GEAR & PAD
		TRANSFORMER (SIZE VARIES)
		FIRE HYDRANT
		WATER VALVE
		WATER METER
		WATER METER VAULT (SIZE VARIES)
		CABLE TV RISER
		ELECTRIC BOX
		ELECTRIC METER
		GAS METER
		GAS VALVE
TCB	TCB	TRAFFIC CONTROL BOX
TSPo	TSPo	TRAFFIC SIGNAL POST
		GRATE INLET
		CURB INLET (SIZE VARIES)
		GREASE TRAP (SIZE VARIES)
EMH		ELECTRIC MANHOLE (SIZE VARIES)
WWMH		WASTEWATER MANHOLE (SIZE VARIES)
SSMH		STORMSEWER MANHOLE (SIZE VARIES)
TMH	TMH	TELEPHONE MANHOLE (SIZE VARIES)
CO		WASTEWATER CLEANOUT
X	X	WIRE FENCE
//	//	WOOD FENCE
		CHAIN LINK FENCE
		CURB & GUTTER
		EDGE OF PAVEMENT
		CONCRETE SIDEWALKS
		WALL
		LIMITS OF CONSTRUCTION
678	678	CONTOUR
SS		STORMSEWER LINE
W		WATER LINE
FM		FIRE LINE
WW		WASTEWATER LINE
G		GAS LINE
UE	UE	UNDERGROUND ELECTRIC LINE
OE	OE	OVERHEAD ELECTRIC LINE
UT	UT	UNDERGROUND TELEPHONE LINE
UC	UC	UNDERGROUND CABLE AND INTERNET
U-COMM	U-COMM	UNDERGROUND TELECOMMUNICATIONS
		SWALE
	FFE	FINISH FLOOR ELEVATION
		DIRECTION OF FLOW
1111		TREE TO BE SAVED
11		HERITAGE / MATURE TREE

Area:	DA-EX AG							
Event	**2-yr**	**10-yr**	**25-yr**	**100-yr**	**500-yr**	**Surface**	**Acres**	**SF**	**%**
Acres	3.17	3.17	3.17	3.17	3.17	*Concrete*	0.82	35,719	25.87
C	0.47	0.53	0.57	0.64	0.71	*Grass, Poor, 2-7%*	2.35	102,366	74.13
Tc	5.00	5.00	5.00	5.00	5.00				
I	6.31	9.61	11.79	15.42	20.25				
Q	**9.4**	**16.2**	**21.3**	**31.5**	**45.6**	**Total**	**3.17**	**138,085**	**100**

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Know what's below. Call before you dig.

NO	DATE	REVISION

garza EMC
7708 Rialto Blvd., Suite 125
Austin, Texas 78735
Tel. (512) 298-2284 Fax (512) 298-2592
TBPELS F-1462

REGISTERED PROFESSIONAL ENGINEER
DARREN HUCKERT
101112
LICENSED
CIVIL
2/5/2024

AG - EXISTING DRAINAGE PLAN

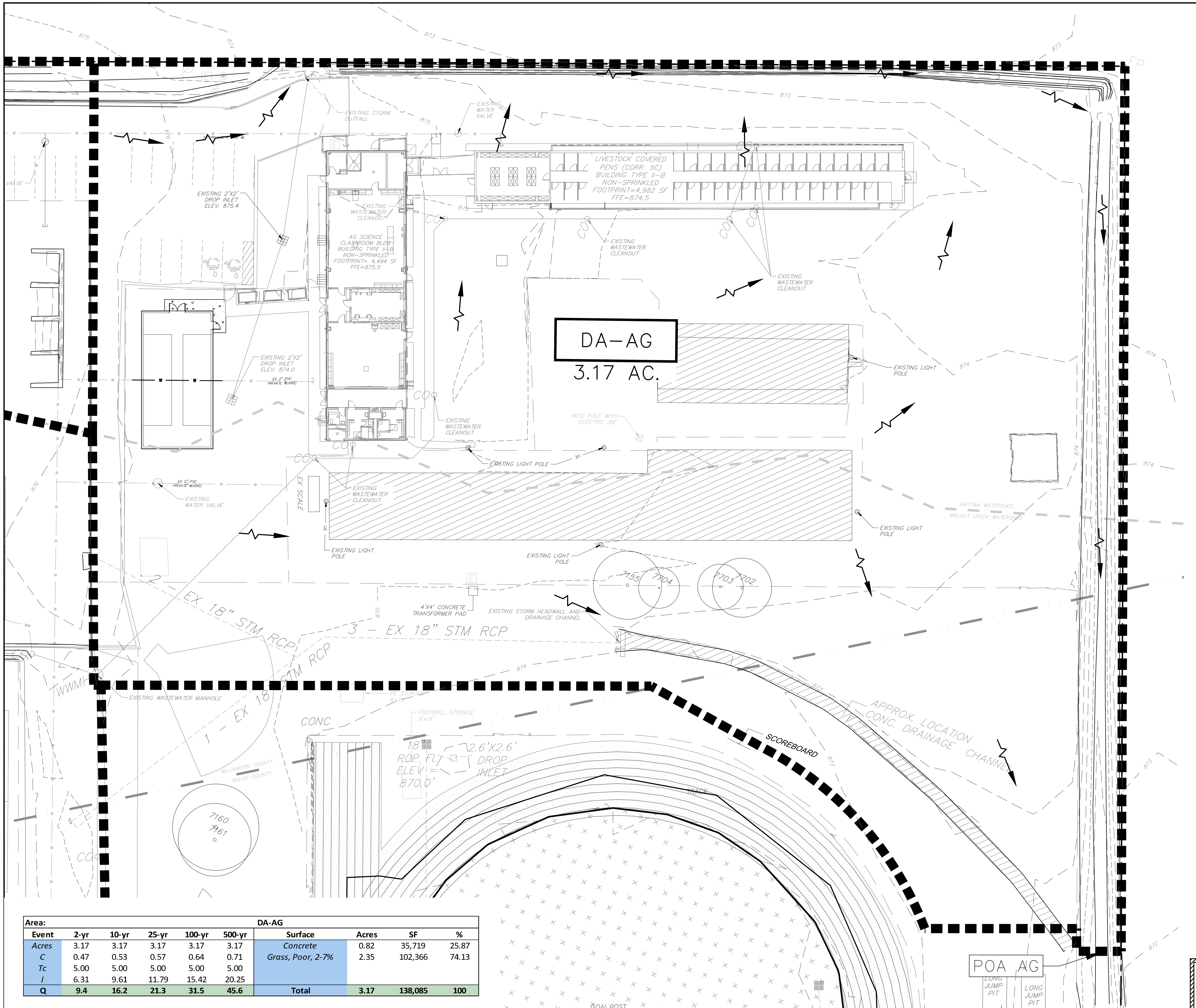
MCNEIL HIGH SCHOOL
5720 MCNEIL DRIVE, AUSTIN, TX 78729

ROUND ROCK INDEPENDENT SCHOOL DISTRICT

DRAWN BY: J. ADAMS
DESIGNED BY: C. ALLEN
QA / QC:
PROJECT NO.: 108299-00016

SHEET 2 OF 3

V:\108299-00016\Civil\00-CAD\GREEN\HOUSE\EXHIBITS\SITE DESIGN\108299-00016-GH-DAM-EX.dwg modified by jadams on Feb 5, 24 4:09 PM



LEGEND

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		PROPERTY (R.O.W.) LINE
678	678	CONTOUR
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TBPE # F-14629

REVISION | NO. | DATE

STATE OF TEXAS — DARREN HUCKERT — 101112 — LICENSED PROFESSIONAL ENGINEER — 2/5/2024

AG - PROPOSED DRAINAGE MAP

MCNEIL HIGH SCHOOL
5720 MCNEIL DRIVE, AUSTIN, TX 78729

ROUND ROCK INDEPENDENT SCHOOL DISTRICT

DRAWN BY: J. ADAMS
DESIGNED BY: C. ALLEN
QA / QC:
PROJECT NO.: 108299-00016

SHEET 3 OF 3

Temporary Stormwater Section – Attachment I

INSPECTION AND MAINTENANCE FOR BMPS

ATTACHMENT I - INSPECTION AND MAINTENANCE FOR BMPs

Implementation of site controls shall 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 silt fences and 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.

Temporary Stormwater Section – Attachment J

SCHEDULE OF INTERIM AND PERMANENT SOIL STABILIZATION PRACTICES

ATTACHMENT J – SCHEDULE OF INTERIM AND PERMANENT SOIL STABILIZATION PRACTICES

Please see the General Notes Sheet in the attached Construction Documents for a detail of the permanent soil stabilization practices.

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: Terry Worcester 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	Acres	$
Sewage Collection System	L.F.	$
Lift Stations without sewer lines	Acres	$
Underground or Aboveground Storage Tank Facility	Tanks	$
Piping System(s)(only)	Each	$
Exception	Each	$500
Extension of Time	Each	$

Signature: _____ Date: 12/11/2023

Application Fee Schedule

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

Water Pollution Abatement Plans and Modifications

Contributing Zone Plans and Modifications

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

Organized Sewage Collection Systems and Modifications

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

Underground and Aboveground Storage Tank System Facility Plans and Modifications

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

Exception Requests

Project	*Fee*
Exception Request	$500

Extension of Time Requests

Project	*Fee*
Extension of Time Request	$150

TCEQ Use Only

TCEQ Core Data Form

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

SECTION I: General Information

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

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

☐ Renewal *(Core Data Form should be submitted with the renewal form)* ☒ Other **WPAP SCS 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 ☐ 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 ☐ Voluntary Cleanup Applicant ☐ Other:

15. Mailing Address: 5110 Lancaster CT

City	Austin	State	TX	ZIP	78723	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) 464-6300		( ) -

SECTION III: Regulated Entity Information

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

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

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

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

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								

Enter Physical Location Description if no street address is provided.

25. Description to Physical Location:					
26. Nearest City			State	Nearest ZIP Code	
27. Latitude (N) In Decimal:	30.45165		28. Longitude (W) In Decimal:	-97.73089	
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:	5720 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
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☐ Waste Water	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:

SECTION IV: Preparer Information

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

42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(512) 298-3284	125	( ) -	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 ISD	Job Title:	Chief Operations Offer
Name *(In Print)*:	TERRY WORCESTER	Phone:	512 464 5087
Signature:	Terry Worcester	Date:	03 21 2022

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

I Terry Worcester, A.I.A,
Print Name

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:

Terry Worcester
Applicant's Signature

03 21 2022
Date

THE STATE OF Texas §

County of Travis §

BEFORE ME, the undersigned authority, on this day personally appeared Terry Worcester 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 21 day of March, 2022.

DEBRA MUELLER
Notary ID #132484961
My Commission Expires
May 19, 2024

Debra Mueller
NOTARY PUBLIC

Debra Mueller
Typed or Printed Name of Notary

MY COMMISSION EXPIRES: May 19, 2024