Recharge and Transition Zone Exception Request Form Checklist

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

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

- – **Geologic Assessment Form (TCEQ-0585), 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)

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

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

- ✓ **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

- – **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

- **Agent Authorization Form (TCEQ-0599), if application submitted by agent**
- **Fee Application Form (TCEQ-0574)**
- **Check Payable to the "Texas Commission on Environmental Quality"**
- **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: Garlic Creek Trail Phase 2						**2. Regulated Entity No.:** TBD					
3. Customer Name: City of Buda, TX						**4. Customer No.:**					
5. Project Type: (Please circle/check one)	(New)		Modification			Extension		(Exception)			
6. Plan Type: (Please circle/check one)	WPAP	CZP	SCS	UST	AST	(EXP)	EXT	Technical Clarification		Optional Enhanced Measures	
7. Land Use: (Please circle/check one)	Residential		(Non-residential)			**8. Site (acres):**				0.14	
9. Application Fee:	$500		**10. Permanent BMP(s):**								
11. SCS (Linear Ft.):			**12. AST/UST (No. Tanks):**								
13. County:	Hays		**14. Watershed:**					Onion Creek			

Application Distribution

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

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

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

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

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

I certify that to the best of my knowledge, that the application is complete and accurate. This application is hereby submitted to TCEQ for administrative review and technical review. Kenneth J. Crawford Print Name of Customer/Authorized Agent Signature of Customer/Authorized Agent 08.22.24 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.

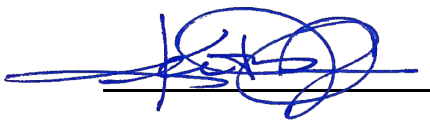
Signature

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: Kenneth Crawford

Date: [redacted]

Signature of Customer/Agent:



8.22.24

Project Information

1. Regulated Entity Name: Garlic Creek Trail Phase 2
2. County: Hays
3. Stream Basin: Onion Creek
4. Groundwater Conservation District (If applicable): _____
5. Edwards Aquifer Zone:

   ☒ Recharge Zone
   ☒ Transition Zone

6. Plan Type:

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

7. Customer (Applicant):

Contact Person: Kenneth Crawford
Entity: City of Buda, TX
Mailing Address: 405 E. Loop, Building 100
City, State: Buda, TX Zip: 78610
Telephone: 512-312-0084 FAX: _____
Email Address: kenneth.crawford@budatx.gov

8. Agent/Representative (If any):

Contact Person: Tony Buonodono
Entity: Tony Buonodono
Mailing Address: 9001 N. IH-35, Suite 102
City, State: Austin, TX Zip: 78753
Telephone: 512-417-2826 FAX: _____
Email Address: tony.buonodono@mwmdg.com

9. Project Location:

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

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.

Approximately 240' West from the center of the existing cul-de-sac at Nivens drive along the Existing Garlic Creek Trail.

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: Upon request

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: _____

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.

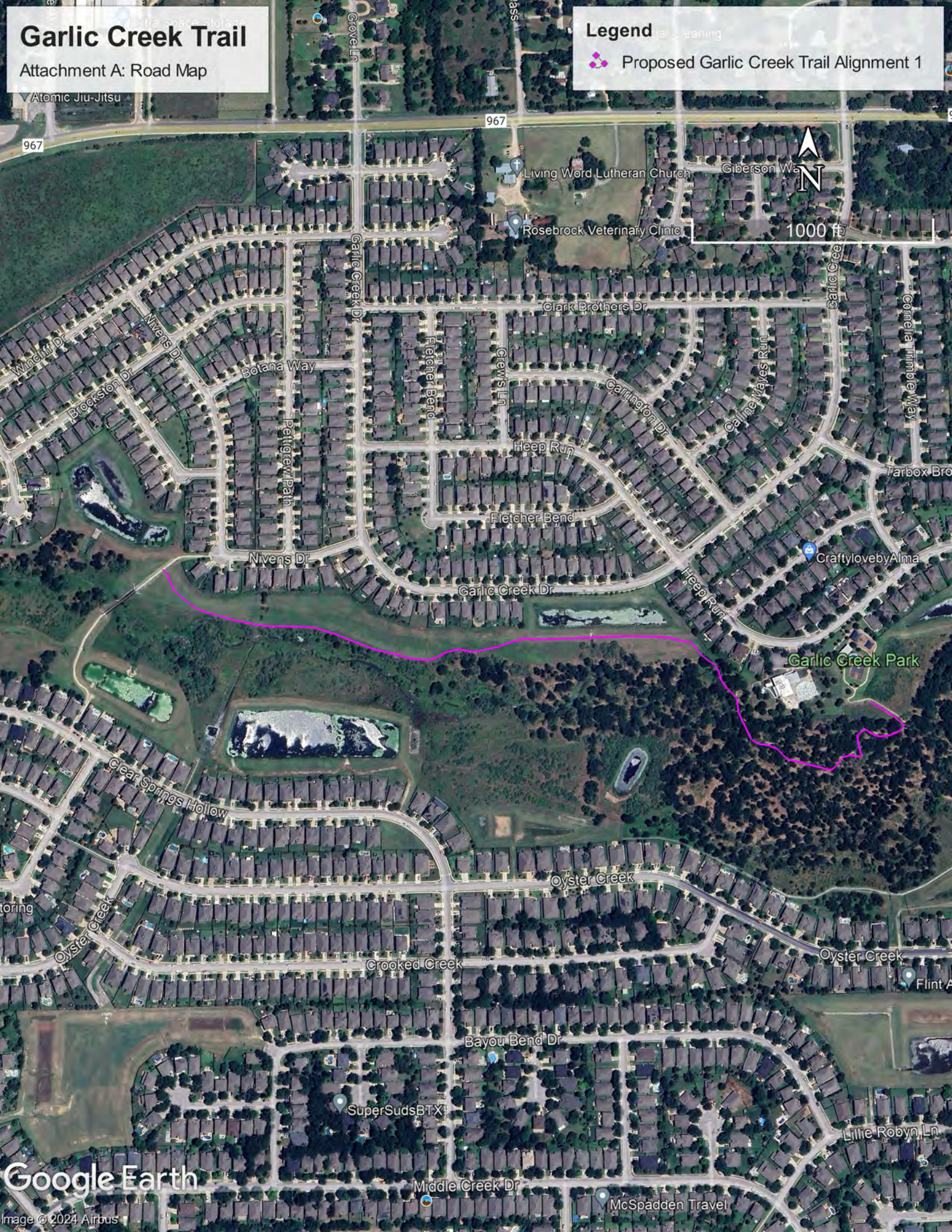
21. ☒ No person shall commence any regulated activity until the Edwards Aquifer Protection Plan(s) for the activity has been filed with and approved by the Executive Director.

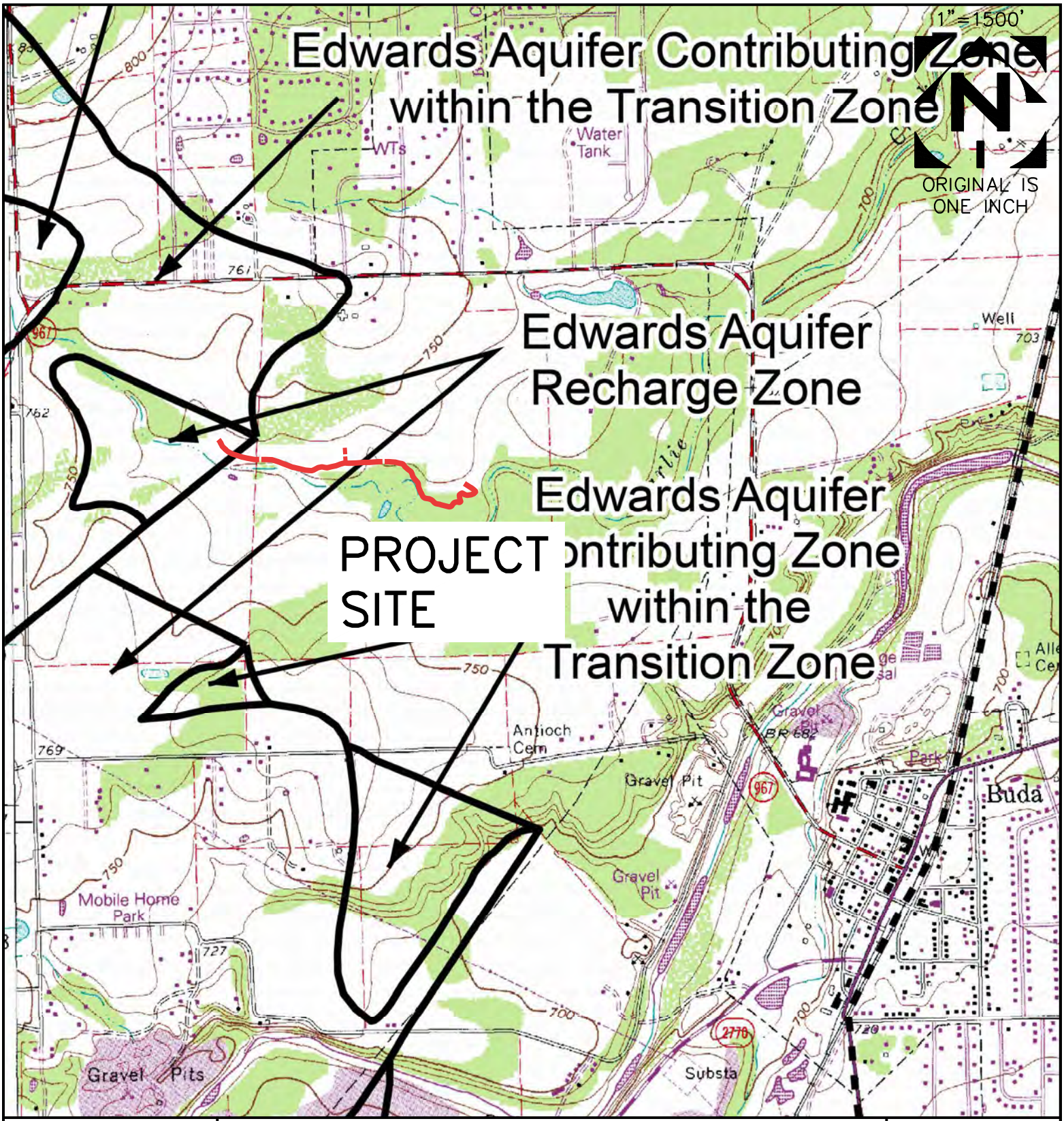
Garlic Creek Trail

Attachment A: Road Map

Legend

Proposed Garlic Creek Trail Alignment 1





TBPELS F-1416 10065600
TBAE 1452
HUB
Group
9001 N IH35
Suite 102
Austin, Texas 78753
p: 512.453.0767
f: 512.453.1734

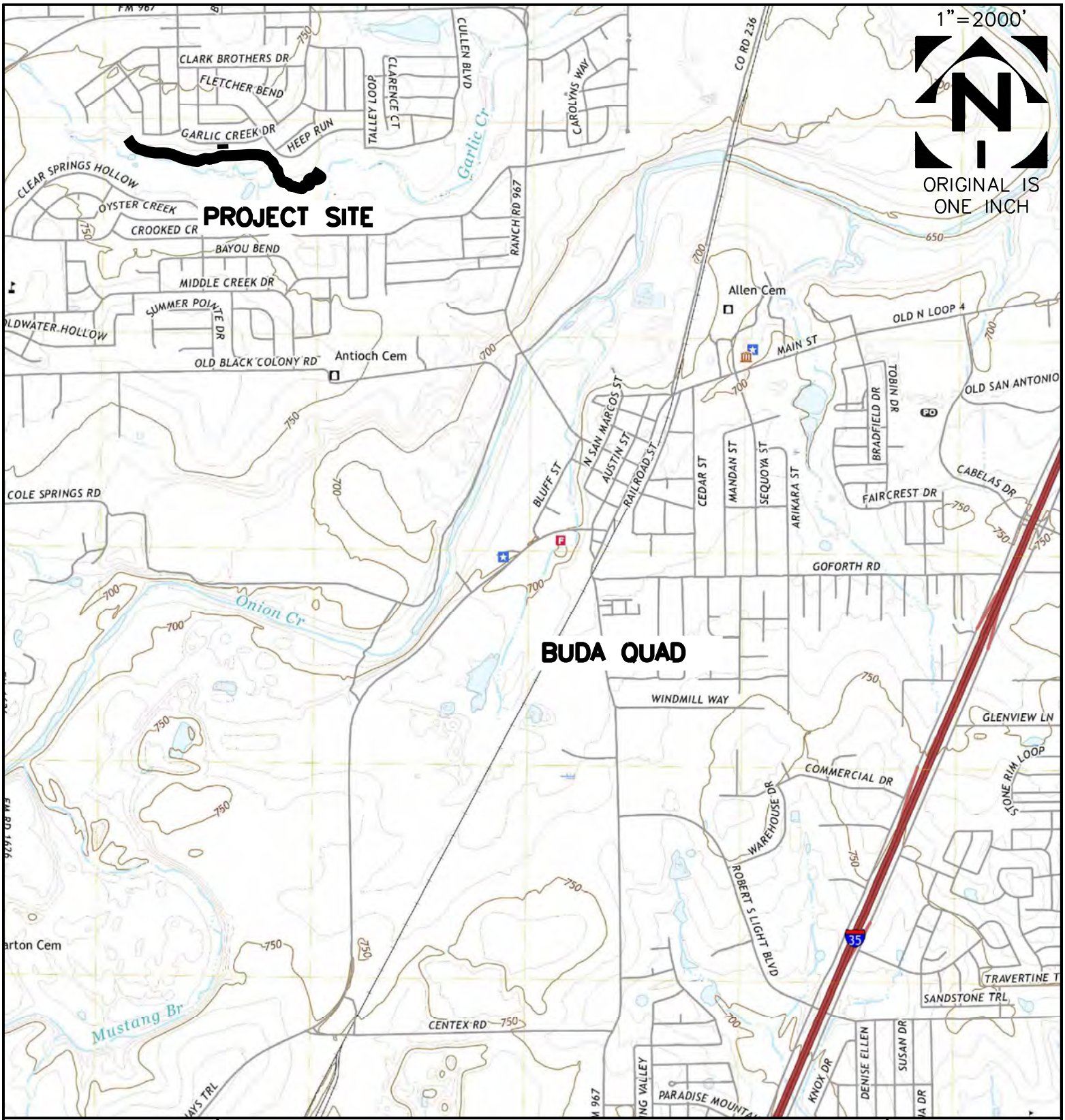
ATTACHMENT B-1
TCEQ EDWARDS AQUIFER REGULATORY ZONES MAP

PLOTTED: 8/7/2024
JOB NO:

GARLIC CREEK TRAIL
GARLIC CREEK PARK
BUDA, TEXAS 78610

B-1
1 OF ___

File: Y:\638-02_GarlicCreekTrl\CAD\Sheets\OVERALL_R1_HY8-RZX.dwg 8.5x11



TBPELS F-1416 10065600
TBAE 1452
HUB
Group
9001 N IH35
Suite 102
Austin, Texas 78753
p: 512.453.0767
f: 512.453.1734

ATTACHMENT B-2
USGS QUADRANGLE MAP

PLOTTED: 8/6/2024
JOB NO:

GARLIC CREEK TRAIL
GARLIC CREEK PARK
BUDA, TEXAS 78610

B-2
2 OF ___

File: Y:\638-02_GarlicCreekTrl\CAD\Sheets\OVERALL_R1_HY8-RZX.dwg 8.5x11

GENERAL INFORMATION FORM

ATTACHMENT C

PROJECT DESCRIPTION

The scope of the project entails installation of approximately 3635 linear feet of a proposed ten feet wide Stalok Material (Decomposed Granite) trail adjacent to the Garlic Creek. Approximately 300 feet of the proposed trail alignment is currently inside the Recharge Zone. The proposed trail will start at the existing Garlic Creek Trail approximately 140' North from the existing Northern Abutment of the existing Pedestrian Bridge over Garlic Creek, proceed East approximately parallel to the of Garlic Creek to connect to the existing Garic Creek Trail at the Garlic Creek Park. The trail will be designed using a hybrid-field engineered approach consisting of detailed designs for water crossings and complex areas and exhibits supplemented with field engineering for the trail between the detailed design.

Below is a summary of the project, as required by TCEQ Form F-0587, Attachment C-Project Description.

Area of Site (inside the recharge zone): ~6000 square feet (300X20')

Offsite areas: ~22414 Square feet (Considering Existing Drainage Areas based on Lidar Contours, Area from Single Family houses in Nivens Drive, southern Lot lines to 5' feet offset of the Northern Edge of Trail, at the Recharge Zone Section)

Impervious Cover:3000 (300X10'(trail)) Square feet (or ~10.56%)

Permanent BMP: Natural Vegetative Filter Strips

Proposed site use: Recreational

Site history: Undeveloped waterway

Area(s) to be demolished: None

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 Kenneth Crawford
Date: 07/25/2024
Signature of Customer/Agent:

Regulated Entity Name: Garlic Creek Trail Phase 2

eption Request

1. ☒ **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. ☒ **Attachment B - Documentation of Equivalent Water Quality Protection**. Documentation demonstrating equivalent water quality protection for the Edwards Aquifer is attached.

Administrative Information

3. ☒ 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. ☒ The applicant understands that no exception will be granted for a prohibited activity in Chapter 213.
5. ☒ 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

The nature of this exception is related to the preparation and approval of Recharge zone plan for the proposed trail constructions. Per 30 TAC §213.3 (28) (A), the proposed trail constructions appear to be classified as a *regulated activity* due to clearing and nominal grading associated with the project.

An Edwards Aquifer Protection Plan (EAPP) for recharge zone is typically required for projects involving construction-related or post-construction activity on the recharge zone and when such activities have a potential for polluting the TAC §213.5 (a). However, the TCEQ typically grants exceptions to the requirements of Recharge Zone Plan for sidewalk/trail projects based on the experience from similar projects in the past. Also, 30 TAC §213.9 (a) states that exceptions to any substantive provision of the chapter TAC §213 related to the protection of water quality may be granted by the executive director if the requestor can demonstrate equivalent water quality protections for the Edwards Aquifer. The equivalent water quality protections being implemented for this project is discussed in Attachment B.

EXCEPTION REQUEST

ATTACHMENT B

EQUIVALENT WATER QUALITY PROTECTION

Preventative measures will be taken to minimize clearing and soil disturbances to the greatest extent possible. Temporary Erosion and Sedimentation controls will be implemented and installed prior to commencement of construction and remain in place until all disturbed areas are revegetated as per the city's specifications. Proper planning of construction site activities and effective Erosion and sedimentation controls will be implemented which will greatly reduce the impacts of soil disturbances. The existing 50' vegetative buffer, between the proposed trail alignment and the creek, will serve as a post-construction water quality control although pollutant loading is expected to remain generally unchanged from pre-developed conditions.

Texas Commission on Environmental Quality

TSS Removal Calculations 8-05-2024

Project Name: Garlik Creek Trail
Date Prepared: 8/5/2024

Additional information is provided for cells with a red triangle in the upper right corner. Place the cursor over the cell.
Text shown in blue indicate location of instructions in the Technical Guidance Manual - RG-348.
Characters shown in red are data entry fields.
Characters shown in black (Bold) are calculated fields. Changes to these fields will remove the equations used in the spreadsheet.

1. The Required Load Reduction for the total project: Calculations from RG-348 Pages 3-27 to 3-30

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

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

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

County =	Hays		
Total project area included in plan * =	0.65	acres	(Area of site and offisite drainage area within the recharge zone trail section)
Predevelopment impervious area within the limits of the plan * =	0.00	acres	
Total post-development impervious area within the limits of the plan* =	0.07	acres	
Total post-development impervious cover fraction * =	0.11		
P =	33	inches	
$L_{M\ TOTAL\ PROJECT}$ =	62	lbs.	

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

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

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

Drainage Basin/Outfall Area No. = 1

Total drainage basin/outfall area =	0.65	acres
Predevelopment impervious area within drainage basin/outfall area =	0.00	acres
Post-development impervious area within drainage basin/outfall area =	0.07	acres
Post-development impervious fraction within drainage basin/outfall area =	0.11	
$L_{M\ THIS\ BASIN}$ =	62	lbs.

3. Indicate the proposed BMP Code for this basin.

Proposed BMP = Vegetated Filter Strips
Removal efficiency = 85 percent

Aqualogic Cartridge Filter
Bioretention
Contech StormFilter
Constructed Wetland
Extended Detention
Grassy Swale
Retention / Irrigation
Sand Filter
Stormceptor
Vegetated Filter Strips
Vortechs
Wet Basin
Wet Vault

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

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

where:
A_C = Total On-Site drainage area in the BMP catchment area
A_I = Impervious area proposed in the BMP catchment area
A_P = Pervious area remaining in the BMP catchment area
L_R = TSS Load removed from this catchment area by the proposed BMP

A_C =	0.14	acres
A_I =	0.07	acres
A_P =	0.07	acres
L_R =	67	lbs

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

Desired $L_{M\ THIS\ BASIN}$ = 62 lbs.

F = **0.92**

6. Calculate Capture Volume required by the BMP Type for this drainage basin / outfall area. Calculations from RG-348 Pages 3-34 to 3-36

Rainfall Depth =	**2.00**	inches
Post Development Runoff Coefficient =	**0.35**	
On-site Water Quality Volume =	**354**	cubic feet

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

Off-site area draining to BMP =	**0.52**	acres
Off-site Impervious cover draining to BMP =	**0.00**	acres
Impervious fraction of off-site area =	**0.00**	
Off-site Runoff Coefficient =	**0.02**	
Off-site Water Quality Volume =	**75**	cubic feet
Storage for Sediment =	**86**	
Total Capture Volume (required water quality volume(s) x 1.20) =	**515**	cubic feet

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

16. Vegetated Filter Strips Designed as Required in RG-348 Pages 3-55 to 3-57

There are no calculations required for determining the load or size of vegetative filter strips.
The 80% removal is provided when the contributing drainage area does not exceed 72 feet (direction of flow) and the sheet flow leaving the impervious cover is directed across 15 feet of engineered filter strips with maximum slope of 20% or across 50 feet of natural vegetation with a maximum slope of 10%. There can be a break in grade as long as no slope exceeds 20%.

If vegetative filter strips are proposed for an interim permanent BMP, they may be sized as described on Page 3-56 of RG-348.

The 80% removal is provided when the contributing drainage area does not exceed 72 feet (direction of flow) and the sheet flow leaving the impervious cover is directe
across 15 feet of engineered filter strips with maximum slope of 20% or across 50 feet of natural vegetation with a maximum slope of 10%.

50' of natural vegetative filter strip is provided as Permanent BMP for 10' Trail.

DATE: 8/7/2024

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: Kenneth Crawford

Date: 10/03/2024

Signature of Customer/Agent:

_____

Regulated Entity Name: Garlic Creek Trail Phase 2

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: Garlic 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

Sequence of Construction

Attachment C – Sequence of Major Activities

The project involves the installation of around 3635 linear feet of a new 10-foot-wide Stalok material (Decomposed Granite) trail, running alongside Garlic Creek.

Approximately 300 feet of the proposed trail alignment is currently inside the Recharge zone. Approximately 20’ of the width (10’ along each side of the centerline will be disturbed).

The general sequence of construction is as follows:

1. Establish Temporary Erosion and Sedimentation Controls and Tree protection.
    - Erosion and Sedimentation Controls, Tree protection will be installed by the contractor and field located in coordination with the Project Engineer and City Construction Inspector. All applicable controls will be in place prior to start of construction in the work zone.
    - Approximately 300 feet of silt fences to be installed at the downstream side of the proposed trail inside the recharge zone disturbing (approximately 20 feet corridor or about 0.14 Acres of clearing and grubbing inside the recharge zone.
2. Construct Trail
    - 10’ Trail is constructed, this will disturb a corridor of 20 feet with at least 2’ clear space on each side of the trail.
3. Final Restoration
    - Final restoration after construction involves re-vegetate disturbed areas.
4. Remove Temporary Erosion and Sedimentation controls and tree protection.
    - Once final restoration is completed, all remaining Temporary Erosion and Sedimentation and tree protection that was installed will be removed.

Temporary Stormwater Section

Temporary Best Management Practices (TBMPs)

Attachment D – Temporary Best Management Practices and Measures

All Temporary BMPs shall be installed prior to the beginning of site preparation and construction activities as per the Storm Water Pollution Prevention Plan. The TBMPs shall remain in place and shall be maintained until all construction has been completed and final restoration has been completed.

- 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.
    - Silt fences shall be utilized for these purposes.
- 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.
    - Preventative measures will be taken to minimize clearing and soil disturbances to the greatest extent possible. Silt fences shall be utilized for these purposes.
- Description of how BMPs and measures will prevent pollutants from entering surface stream.
    - The existing vegetative buffer between the proposed trail alignment and the creek will serve as post-construction water quality control although pollutant loading is expected to remain generally unchanged from per-developed conditions.
- Description of how, to maximum extent practicable, BMPs and measures will maintain flow to naturally occurring sensitive features identified.
    - No construction shall occur in proximity of such features. The existing vegetative buffer zone shall serve as BMP for the sensitive features.

Temporary Stormwater Section

Attachment I – Inspection and Maintenance for BMPs.

Silt fences are being used on this project as Temporary BMPs. The following inspection and maintenance procedures shall be implemented:

- The contractor shall inspect the silt fencing at least once a week and after significant rainfall events or as specified in SWPPP. The contractor shall correct damage or deficiencies as soon as practicable after the inspection or as specified in SWPPP.
    - For Temporary Construction Entrance/Exit:
        - All sediment spilled, dropped, washed or tracked onto public right-of way should be removed immediately by contractor.
        - When necessary, wheels should be cleaned to remove sediment prior to entrance onto right-of-way.
        - When washing is required, it should be done on an area stabilized with crushed stone that drains into an approved sediment trap or sediment basin.
        - The entrance should be maintained in a condition, which shall prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediments.
        - All sediment should be prevented from entering any storm drain, ditch or water course by using approved methods.
    - For Silt Fence:
        - Remove sediment when buildup reaches 6 inches.
        - When construction is complete, the sediment should be disposed of in a manner that shall not cause additional siltation and the prior location if the silt fence should be revegetated. The fence itself should be disposed of in an approved landfill.
        - Inspect all fencing weekly and after any rainfall.
        - Replace any torn fabric or install a second line of fencing parallel to the torn section.
        - Replace or repair any sections crushed or collapsed during construction activity.

Temporary Stormwater Section

Soil Stabilization Practices

Attachment J – Schedule of Interim and Permanent Soil Stabilization Practices.

Once construction of the project has commenced, the construction activity is planned to continue until the project is complete.

Proper planning of construction site activities and effective Erosion and sedimentation controls will be implemented which will greatly reduce the impacts of soil disturbances.

Stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased. The final stabilization is set to occur when all soil disturbing activities at the site have been completed and a uniform (e.g., evenly distributed, without large bare areas) perennial vegetative cover with a density of 70 percent of the native background vegetative cover for the area has been established on all unpaved areas and areas not covered by permanent structures, or equivalent permanent stabilization measures have been employed.

OWNER:
CITY OF BUDA
405 E. LOOP ST.
BLDG 100
BUDA, TX 78610

CONTACT:
ANGELA KENNEDY, P.E., CFM
(512) 312-5745

CIVIL ENGINEER / AGENT:
MWM DESIGN GROUP, INC.
9001 N. IH-35, STE #102
AUSTIN, TEXAS 78753

CONTACT:
ANTHONY BUONODONO, P.E., PMP
(512) 453-0767

GEOTECH:
TERRACON
5307 INDUSTRIAL OAKS BLVD,
SUITE 160
AUSTIN, TEXAS 78735

CONTACT:
LARSON M. SNYDER, P.E.
(512) 891-2675

STRUCTURAL ENGINEER:
HARDESTY HANOVER
8436 SPICEWOOD SPRINGS ROAD
AUSTIN, TEXAS 78759

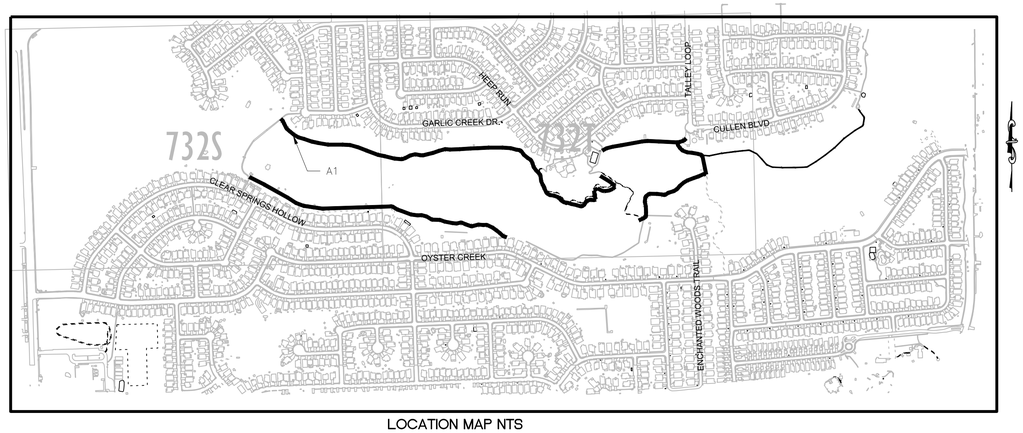
CONTACT:
TIM ROSS, P.E.
(512) 250-5200

GARLIC CREEK TRAIL

GARLIC CREEK PARK
Buda, Texas 78610

100% SUBMITTAL
DATE
AUGUST 8, 2024

Sheet List Table	
Sheet Number	Sheet Title
C00.1	COVER SHEET
C00.2	GENERAL NOTES
C00.3	EXISTING CONDITIONS
C01.1	TRAIL ALIGNMENT A1
C01.2	DETAILS



LOCATION MAP NTS

NOTE:

A SMALL PORTION OF THE PROPOSED IMPROVEMENTS (PART OF TRAIL ALIGNMENT A1) IS LOCATED OVER THE EDWARDS AQUIFER ZONE. NO CONSTRUCTION OR DISTURBANCE WITHIN THE EDWARDS AQUIFER RECHARGE ZONE (ALIGHMENT A1 STA 1+00 TO 4+50) IS ALLOWED WITHOUT AUTHORIZATION. THIS SECTION TO BE CONSTRUCTED ONLY AFTER THE CITY ACQUIRES A PERMIT FROM TCEQ (APPLICATION PENDING).

A PORTION OF THIS SITE IS WITHIN THE 100 YEAR FLOODPLAIN WITHOUT BASE FLOOD ELEVATION, ZONE A PER FEMA FIRM PANEL #48209C0280F EFFECTIVE 09/02/2005.

REVISION BLOCK

No.	DESCRIPTION	DATE

LEGAL DESCRIPTION:

WATERSHED: ONION CREEK CLASSIFICATION: URBAN

TOTAL AREA OF DISTURBANCES: 7.12 ACRES

TOTAL AREA OF IMPERVIOUS COVER:

RELATED CASES:

CONSTRUCTION PLAN APPROVAL SHEET_____OF 9
FILE NUMBER_____APPLICATION DATE_____
APPROVED BY COMMISSION ON_____UNDER THE CITY OF BUDA UNIFIED DEVELOPMENT CODE.
EXPIRATION DATE _____CASE MANAGER_____

City Engineer, City of Buda
RELEASED FOR GENERAL COMPLIANCE: _____ZONING_____
Rev. 1_____Correction 1_____
Rev. 2_____Correction 2_____
Rev. 3_____Correction 3_____

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

SUBMITTED BY:

8/8/2024
ANTHONY BUONODONO, P.E. DATE
MWM DESIGNGROUP
9001 N. IH-35, SUITE 102
AUSTIN, TX. 78753
(512)453-0767

APPROVED BY:
CITY OF BUDA DATE

STATE OF TEXAS
ANTHONY D. BUONODONO
103439
LICENSED
PROFESSIONAL ENGINEER
DATE: 8/8/2024

mwm Design Group
9001 N IH 35 #102
Austin, Texas 78753
p: 512.453.0767
f: 512.453.1734
TBAE .: 1452
TBPE .: F-1416 10065600

NO.	DATE	DESCRIPTION	BY

COVER SHEET

GARLIC CREEK TRAIL
PHASE 2
BUDA, TEXAS 78610

PLOTTED: 03/25/2024
JOB NO: 638-02

C00.1
1 OF 8

File: Y:\638-02_GarlicCreekTrl\CAD\Sheets\Cover Sheet -60p.dwg 24x36

CITY OF BUDA EROSION AND SEDIMENTATION CONTROL NOTES:

1. THE CONTRACTOR SHALL INSTALL EROSION/SEDIMENTATION CONTROLS AND TREE/NATURAL AREA PROTECTIVE FENCING PRIOR TO ANY SITE PREPARATION WORK (CLEARING, GRUBBING OR EXCAVATION).

2. THE PLACEMENT OF EROSION/SEDIMENTATION CONTROLS SHALL BE IN ACCORDANCE WITH THE CITY OF AUSTIN'S ENVIRONMENTAL CRITERIA MANUAL AS ADOPTED BY THE CITY OF BUDA

3. IF TREES DO NOT EXIST WITHIN THE PROJECT LIMITS, TREE PROTECTION WILL NOT BE REQUIRED.

4. A PRE-CONSTRUCTION CONFERENCE SHALL BE HELD WITH THE CONTRACTOR, DESIGN ENGINEER/PERMIT APPLICANT AND INSPECTOR AFTER INSTALLATION OF THE EROSION/SEDIMENTATION CONTROLS AND TREE/NATURAL AREA PROTECTION MEASURES AND PRIOR TO BEGINNING ANY SITE PREPARATION WORK. THE CONTRACTOR SHALL NOTIFY THE CITY OF BUDA ENGINEERING DEPARTMENT, 312-0084, AT LEAST THREE DAYS PRIOR TO THE MEETING DATE.

5. ANY MAJOR VARIATION IN MATERIALS OR LOCATIONS OF CONTROLS OR FENCES FROM THOSE SHOWN ON THE APPROVED PLANS WILL REQUIRE A REVISION AND MUST BE APPROVED BY THE REVIEWING ENGINEER, ENVIRONMENTAL SPECIALIST OR CITY ARBORIST AS APPROPRIATE. MINOR CHANGES TO BE MADE AS FIELD REVISIONS TO THE PLAN MAY BE REQUIRED BY THE INSPECTOR DURING THE COURSE OF CONSTRUCTION TO CORRECT CONTROL INADEQUACIES.

6. THE CONTRACTOR IS REQUIRED TO INSPECT THE CONTROLS AND FENCES AT WEEKLY INTERVALS AND AFTER SIGNIFICANT RAINFALL EVENTS TO INSURE THAT THEY ARE FUNCTIONING PROPERLY. THE PERSON(S) RESPONSIBLE FOR THE MAINTENANCE OF CONTROLS AND FENCES SHALL IMMEDIATELY MAKE ANY NECESSARY REPAIRS TO DAMAGED AREAS. SILT ACCUMULATION AT CONTROLS MUST BE REMOVED WHEN THE DEPTH REACHED SIX (6) INCHES.

PERMANENT ERISION CONTROL

ALL DISTURBED AREAS SHALL BE RESTORED AS NOTED BELOW. A MINIMUM OF FOUR INCHES OF TOPSOIL SHALL BE PLACED IN ALL DRAINAGE CHANNELS (EXCEPT ROCK) AND BETWEEN THE CURB AND RIGHT-OF-WAY LINE.

THE SEEDING FOR PERMANENT EROSION CONTROL SHALL BE AS SPECIFIED IN THE CITY OF AUSTIN STANDARD SPECIFICATION 604S, AS ADOPTED BY THE CITY OF BUDA.

DUST CONTROL:

DUST CONTROL METHODS ARE REQUIRED AS PER CITY OF AUSTIN'S ENVIRONMENTAL CRITERIA MANUAL SECTION 1.4.5.D AS ADOPTED BY THE CITY OF BUDA.

CITY OF BUDA UTILITY CONSTRUCTION NOTES:

1. THE CITY STANDARD CONSTRUCTION SPECIFICATIONS CURRENT AT THE TIME OF BIDDING SHALL COVER MATERIAL AND METHODS USED TO DO THIS WORK.

2. CONTRACTOR MUST OBTAIN A STREET CUT PERMIT FROM THE CITY OF BUDA BEFORE BEGINNING CONSTRUCTION WITHIN THE RIGHT-OF-WAY OF A PUBLIC STREET OR ALLEY.

3. AT LEAST 48 HOURS BEFORE BEGINNING ANY WATER AND WASTEWATER CONSTRUCTION IN PUBLIC R.O.W. OR PUBLIC EASEMENT, THE CONTRACTOR SHALL NOTIFY THE CITY OF BUDA PUBLIC WORKS.

4. THE CONTRACTOR SHALL CONTACT THE AUSTIN AREA "ONE CALL" SYSTEM AT 1-800-344-8377 FOR EXISTING UTILITY LOCATIONS PRIOR TO ANY EXCAVATION IN ADVANCE OF CONSTRUCTION. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES TO BE EXTENDED, TIED TO, OR ALTERED, OR SUBJECT TO DAMAGE/INCONVENIENCE BY THE CONSTRUCTION OPERATIONS. THE CITY OF BUDA WATER AND WASTEWATER MAINTENANCE RESPONSIBILITY ENDS AT R.O.W./EASEMENT LINES.

5. NO OTHER UTILITY SERVICE/APPURTENANCES SHALL BE PLACED NEAR THE PROPERTY LINE, OR OTHER ASSIGNED LOCATION DESIGNATED FOR WATER AND WASTEWATER UTILITY SERVICE THAT WOULD INTERFERE WITH THE WATER AND WASTEWATER SERVICES.

6. THE CITY SPECIFICATION ITEM 509S WILL BE REQUIRED AS A MINIMUM TRENCH SAFETY MEASURE.

7. ALL MATERIALS TESTS, INCLUDING SOIL DENSITY TESTS AND DETAILED SOIL ANALYSES, SHALL BE CONDUCTED BY AN INDEPENDENT LABORATORY AND FUNDED BY THE OWNER IN ACCORDANCE WITH CITY STANDARD SPECIFICATION ITEM 1804S.04.

8. PRESSURE TAPS SHALL BE IN ACCORDANCE WITH CITY STANDARD ITEM 510.3(24). THE CONTRACTOR SHALL PERFORM EXCAVATION ETC. AND SHALL FURNISH, INSTALL AND AIR TEST THE SLEEVE AND VALVE, WHEN CONTRACTORS MAKE THE TAP A CITY INSPECTOR MUST BE PRESENT AND 2 WORKING DAYS (MIN.) NOTICE MUST BE GIVEN. "SIZE ON SIZE" TAPS WILL NOT BE PERMITTED, UNLESS, IT HAS BEEN DEMONSTRATED THAT A MORE ACCEPTABLE CONNECTION WOULD INVOLVE CONSIDERABLE HARDSHIP TO THE UTILITY SYSTEM. ALL TAPS SHALL BE MADE BY USE OF AN APPROVED FULL CIRCLE-GASKETED CAST IRON OR DUCTILE IRON TAPPING SLEEVE. CONCRETE BLOCKING SHALL BE PLACED UNDER ALL TAP SLEEVES PRIOR TO MAKING THE PRESSURE TAP AND THE USE OF PRECAST BLOCKS MAY BE USED TO HOLD THE TAP IN ITS CORRECT POSITION PRIOR TO BLOCKING. THE BLOCKING BEHIND AND UNDER THE TAP SHALL HAVE A MINIMUM OF 24 HOURS CURING TIME BEFORE THE VALVE CAN BE RE-OPENED FOR SERVICE FROM THAT TAP

9. THRUST RESTRAINT SHALL BE IN ACCORDANCE WITH CITY STANDARD SPECIFICATION ITEM 510.3(22).

10. ALL BRANCH CONNECTIONS SHALL HAVE THE VALVE BOLTED TO THE MAIN BY METHODS OF FLANGE AND SWIVEL TEES, FOSTER ADAPTORS MAY BE USED IN LIEU OF FLANGE OR SWIVEL TEES WHEN CALLED OUT ON THE PLANS BY THE DESIGN ENGINEER.

11. FIRE HYDRANTS SHALL BE SET IN ACCORDANCE WITH CITY STANDARD SPECIFICATION ITEM 511S.4. FIRE HYDRANTS SHALL BE PAINTED FLYNT ALUMINUM OR EQUAL.

12. WATER LINE TESTING AND STERILIZATION SHALL BE PERFORMED IN ACCORDANCE WITH CITY STANDARD SPECIFICATION ITEMS 510.3 (27)-(29). FORCE MAIN PRESSURE TESTING SHALL BE CONDUCTED AND FALL UNDER THE SPECIFICATIONS AS WATER LINES (PRESSURE PIPE) OR AT THE PRESSURE SHOWN ON THE APPROVED PLANS.

13. ALL MATERIAL USED ON THIS PROJECT MUST BE LISTED ON THE STANDARD PRODUCTS LISTING ANY MATERIAL NOT LISTED HAS TO GO THROUGH THE CITY OF BUDA CITY ENGINEER FOR REVIEW AND APPROVAL PRIOR TO START OF PROJECT. TESTING AND EVALUATION OF PRODUCTS ARE REQUIRED BEFORE APPROVAL WILL BE GIVEN ANY CONSIDERATION.

14. WHEN WATER SERVICES ARE DAMAGED, THE SERVICE SHALL BE REPLACED FULL LENGTH WITH P.E. PIPE. NOTE: FULL LENGTH IS FROM BALL VALVE TO METER.

15. WHEN AN EXISTING WATERLINE SHUTOUT IS NECESSARY AND POSSIBLE, THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION INSPECTOR WHO WILL THEN NOTIFY THE CITY OF BUDA PUBLIC WORKS AND THE AFFECTED CUSTOMERS A MINIMUM OF SEVENTY-TWO (72) HOURS IN ADVANCE.

16. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION INSPECTOR SO THAT HE CAN NOTIFY THE CITY OF BUDA PUBLIC WORKS AT A MINIMUM OF 72 HOURS PRIOR TO RELOCATING ANY DOMESTIC OR FIRE DEMAND WATER METERS. THE CONTRACTOR SHALL CAREFULLY REMOVE ALL METERS AND METER BOXES THAT ARE INDICATED TO BE RELOCATED OR SALVAGED. THE CONTRACTOR SHALL INSTALL THE REMOVED METER OR CITY PROVIDED METER AT THE NEW LOCATION INDICATED ON THE CONSTRUCTION PLANS.

17. ALL MANHOLES IN UNPAVED AREAS PROVIDING DIRECT ACCESS TO A WASTEWATER LINE SHALL BE WATERTIGHT AND BEAR THE WORDING AND INSIGNIA FOR THE CITY OF BUDA

18. THE CONTRACTOR SHALL VERIFY ALL VERTICAL AND HORIZONTAL LOCATIONS OF EXISTING UTILITIES PRIOR TO STARTING ONSITE UTILITY WORK.

19. ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. APPROVAL OF THESE PLANS BY THE CITY OF BUDA DOES NOT REMOVE THESE RESPONSIBILITIES.

20. REVIEW BY THE CITY OF BUDA WATER UTILITY APPLIES ONLY TO FACILITIES WITHIN PUBLIC STREETS OR PUBLIC UTILITY EASEMENTS. ALL OTHER WATER AND WASTEWATER FACILITIES INSIDE PRIVATE PROPERTY ARE UNDER THE JURISDICTION OF BUILDING INSPECTION.

CITY OF BUDA GENERAL CONSTRUCTION NOTES:

1. ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF BUDA MUST RELY ON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

2. THESE PLANS, PREPARED BY THE CITY OF BUDA DO NOT EXTEND TO OR INCLUDE DESIGNS OR SYSTEMS PERTAINING TO THE SAFETY OF THE CONSTRUCTION CONTRACTOR OR ITS EMPLOYEES, AGENTS, OR REPRESENTATIVES IN THE PERFORMANCE OF THE WORK. THE SEAL OF THE REGISTERED ENGINEER(S) HEREON DOES NOT EXTEND TO ANY SUCH SAFETY SYSTEMS THAT MAY OR HEREAFTER BE INCORPORATED INTO THESE PLANS.

3. CONTRACTOR SHALL CONTACT THE CITY OF BUDA'S ENGINEER (512-312-0084) A MINIMUM OF TWO WORKING DAYS IN ADVANCE OF BLOCKING TRAFFIC LANES AND A MINIMUM OF SIX WORKING DAYS IN ADVANCE OF SCHEDULED DETOURING OF TRAFFIC LANES.

4. CONTRACTOR TO GIVE NOTICE TO ALL AUTHORIZED INSPECTORS, SUPERINTENDENTS, OR PERSONS IN CHARGE OF PRIVATE AND PUBLIC UTILITIES AFFECTED BY HIS OPERATIONS PRIOR TO COMMENCEMENT OF WORK. CONTRACTOR TO ASSURE HIMSELF THAT ALL CONSTRUCTION PERMITS HAVE BEEN OBTAINED PRIOR TO COMMENCEMENT OF WORK. REQUIRED PERMITS THAT CAN BE ISSUED TO CONTRACTOR TO BE OBTAINED AT HIS EXPENSE.

5. CONTRACTOR TO COORDINATE INTERRUPTIONS OF ALL UTILITIES AND SERVICES. ALL WORK TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY COMPANY OR AGENCY INVOLVED.

6. CONTRACTOR TO LOCATE, PROTECT, AND MAINTAIN BENCHMARKS, MONUMENTS, CONTROL POINTS, AND PROJECT ENGINEERING REFERENCE POINT, REESTABLISH DISTURBED OR DESTROYED ITEMS BY REGISTERED PUBLIC LAND SURVEYOR IN THE STATE OF TEXAS, AT NO ADDITIONAL COST TO OWNER.

7. CONTRACTOR TO CONTROL DUST CAUSED BY THE WORK AND COMPLY WITH POLLUTION CONTROL REGULATIONS OF GOVERNING AUTHORITIES. DUST CONTROL SHALL BE ACHIEVED BY THE APPLICATION OF WATER BY AN APPROVED SPRINKLER IN AMOUNTS SUFFICIENT TO CONTROL THE DUST TO THE SATISFACTION OF THE ENGINEER (NO SEPARATE PAY).

8. BURNING IS NOT ALLOWED ON THIS PROJECT.

9. DEMOLITION PERMITS (IF NEEDED) ARE TO BE OBTAINED BY THE CONTRACTOR.

10. ACQUISITION OF RIGHT OF WAY AND/OR EASEMENT IS THE RESPONSIBILITY OF THE CITY OF BUDA.

11. THE CONTRACTOR IS TO OBTAIN PERMIT PRIOR TO PERFORMING ANY WORK IN THE PUBLIC RIGHT-OF-WAY.

12. CONTRACTOR SHALL REPAIR ALL STREET CROSSINGS, DRIVEWAYS AND DITCHES TO THEIR ORIGINAL CONDITION OR BETTER. STREET CROSSINGS SHALL BE REPAIRED WITHIN 10 WORKING DAYS AFTER CROSSING IS MADE, UNLESS PRIOR APPROVAL IS OBTAINED TO THE CONTRARY.

13. ALL DAMAGE CAUSED DIRECTLY OR INDIRECTLY TO THE STREET SURFACE OR SUBSURFACE OUTSIDE OF THE PAVEMENT CUT AREA SHALL BE REGARDED AS PART OF THE STREET CUT THIS INCLUDES ANY SCRAPES, GOUGES, CUTS, CRACKING, DEPRESSIONS AND/OR ANY OTHER DAMAGE CAUSED BY THE CONTRACTOR DURING THE EXECUTION OF THE WORK. THESE AREAS WILL BE INCLUDED IN THE TOTAL AREA OF REPAIR. THE AREAS OF REPAIR SHALL BE SAW CUT IN STRAIGHT, NEAT LINES PARALLEL TO THE UTILITY TRENCH. ALL REPAIRS SHALL BE AT THE CONTRACTOR'S EXPENSE AND SHALL MEET ALL CITY TESTING REQUIREMENTS AND SPECIFICATIONS.

14. ALL CONSTRUCTION OPERATIONS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH APPLICABLE REGULATION OF THE UNITED STATES OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION. (OSHA STANDARDS MAY BE PURCHASED FROM THE GOVERNMENTS PRINTING OFFICE; INFORMATION AND RELATED REFERENCE MATERIALS MAY BE PURCHASED FROM OSHA, 611 EAST 6TH STREET, AUSTIN, TX.)

15. ALL SITE WORK MUST ALSO COMPLY WITH ENVIRONMENTAL REQUIREMENTS.

16. THROUGHOUT THE CONSTRUCTION, AND AT THE COMPLETION OF THE CONSTRUCTION, THE CONTRACTOR IS TO ENSURE THAT DRAINAGE OF STORM WATER RUNOFF IS NOT BLOCKED.

17. ALL EXCESS EXCAVATED MATERIAL AND SOIL IS TO BECOME PROPERTY OF CONTRACTOR AND TO BE REMOVED FROM SITE. (NO SEPARATE PAY.)

18. ALL CULVERTS REMOVED FROM CONSTRUCTION SHALL BE REPLACED TO ORIGINAL GRADE; ROAD DITCH SHALL BE GRADED TO PROVIDE FOR AN EVEN GRADE AND SECTION BETWEEN EXISTING CULVERTS. ALL CULVERTS SHALL BE CLEAN AND FREE OF DEBRIS DURING AND AFTER CONSTRUCTION.

19. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE CITY OF BUDA AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS AND TO VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES.

20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO PRIVATE PROPERTY, WHICH OCCURRED AS A RESULT OF ANY PORTION OF THIS PROJECT. ANY DAMAGE TO PRIVATE PROPERTY SHALL BE REPAIRED TO EQUAL OR BETTER CONDITION. THE CONTRACTOR SHALL COORDINATE ALL REPAIRS TO PRIVATE PROPERTY WITH THE PROPERTY OWNER. CONTRACTOR SHALL PAY AND/OR SETTLE WITH PRIVATE PROPERTY OWNER FOR ALL COSTS RELATED TO ANY THE CITY OF BUDA WILL NOT PROVIDE SEPARATE PAY FOR REPAIR OF ANY DAMAGES, REIMBURSEMENTS OR SETTLEMENTS.

STATE OF TEXAS
ANTHONY D. BUONODONO
103439
LICENSED
PROFESSIONAL ENGINEER
DATE: 8/8/2024

mwm Design Group
9001 N IH 35 #102
Austin, Texas 78753
p: 512.453.0767
f: 512.453.1734
TBAE .: 1452
TBPE .: F-1416 10065600

NO.	DATE	DESCRIPTION	BY

GENERAL NOTES

GARLIC CREEK TRAIL
PHASE 2
BUDA, TEXAS 78610

PLOTTED: 8/6/2024
JOB NO: 638-02

C00.2
2 OF 5

File: Y:\638-02_GarlicCreekPh1\CAD\Sheets\General Notes-TCEQ.dwg 24x36

1"=200'

ORIGINAL IS ONE INCH

ANTHONY D. BUONODONO
103439
LICENSED
PROFESSIONAL ENGINEER
DATE: 8/8/2024

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NO.	DATE	DESCRIPTION	BY

C00.3 - EXISTING CONDITIONS

GARLIC CREEK TRAIL
PHASE 2
BUDA, TEXAS 78610

PLOTTED: 8/6/2024
JOB NO: 638-02

C00.3

3 OF 5

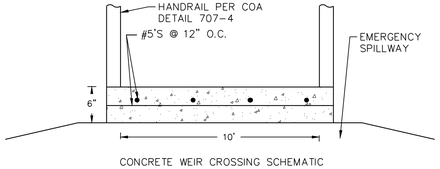
File: Y:\638-02_GarlicCreekTr\CAD\Sheets\EXISTING-TCEQ.dwg 24x36

1"=200'

ORIGINAL IS ONE INCH

SUPPLEMENTAL TRAIL NOTES:

1. CONTRACTOR TO BEGIN SUBSEQUENT PHASE AFTER THE COMPLETION OF THE PREVIOUS PHASE UNLESS APPROVED BY THE ENGINEER.
2. A PORTION OF PROPOSED TRAIL ALIGNMENT A1 IS LOCATED OVER EDWARDS AQUIFER RECHARGE ZONE (FROM APPROXIMATELY STATION 1+00–4+50). TO BE CONSTRUCTED ONLY AFTER PERMIT FROM TCEQ IS OBTAINED. APPLICATION TO THE TCEQ IS PENDING WILL BE NOTIFIED ONCE A PERMIT IS OBTAINED.
3. PROPOSED TRAIL SHALL COMPLY WITH ADA, PROWAG, AND AASHTO REQUIREMENTS INCLUDING 2% MAX CROSS SLOPE, 5% MAX RUNNING SLOPE, ETC.
4. EROSION AND SEDIMENT CONTROLS, TREE PROTECTION AND TRAFFIC CONTROL (WHEN APPLICABLE) WILL BE INSTALLED BY THE CONTRACTOR AND FIELD LOCATED IN COORDINATION WITH THE PROJECT ENGINEER AND CITY CONSTRUCTION INSPECTOR. ALL APPLICABLE CONTROLS WILL BE IN PLACE PRIOR TO START OF CONSTRUCTION IN THE WORK ZONE.
5. THE CITY OF BUDA INSPECTOR HAS THE AUTHORITY TO ADD OR MODIFY EROSION AND/OR SEDIMENT CONTROLS ON SITE THROUGHOUT ON SITE THROUGHOUT THE DURATION OF THE PROJECT.
6. J-HOOKS SHALL BE UTILIZED AT TERMINATING ENDS OF SILT FENCE.
7. LENGTH SHALL BE PAINTED ON/MARKED ON SILT FENCE.
8. POSTINGS AND PERMITS MUST BE PLACED IN A HIGHLY VISIBLE LOCATION.
9. MUD AND/OR DIRT TRACKED INTO THE ROADWAY MUST BE IMMEDIATELY REMOVED UPON DISCOVERY.
10. EXCESS MATERIALS THAT WILL BE TRANSPORTED TO AN OFFSITE LOCATION MUST HAVE THAT LOCATION FIRST CLEARED BY THE CITY INSPECTOR.
11. LOOSE TRASH AND DEBRIS MUST BE CONTAINED PROPERLY ONSITE.
12. ALL AREAS DISTURBED BY CONSTRUCTION, WHICH ARE NOT OTHERWISE PAVED, SHALL BE RE-VEGETATED AND MATCH EXISTING GRASS SEEDING. RE-VEGETATION MUST BE PHASED AS MUCH AS FEASIBLE WITHIN THE CONSTRUCTION PHASES OF THIS PROJECT TO REDUCE SEDIMENT LOAD DURING CONSTRUCTION AND TO PREVENT THE NECESSITY OF RE-VEGETATING THE ENTIRE PROJECT AT THE END OF CONSTRUCTION. RE-VEGETATION EFFORTS MUST BEGIN IMMEDIATELY IN AREAS THAT HAVE ACHIEVED FINAL GRADE AND WHERE NO FURTHER WORK IS ANTICIPATED.
13. RE-VEGETATION OF AREAS MORE THAN 2' FROM TRAIL OR LIMITS OF GRADING SHALL BE AT THE CONTRACTOR'S EXPENSE.
14. LIMIT OF CONSTRUCTION IS THE EASEMENT OR CITY PROPERTY, UNLESS DIRECTED OTHERWISE.
15. CONTRACTOR SHALL FIELD VERIFY ROW LIMITS PRIOR TO CONSTRUCTION.
16. TRIM TREES TO PROVIDE MIN. 80" VERTICAL CLEARANCE ABOVE PROPOSED IMPROVEMENTS. TRIMMING OF OAKS WILL NEED TO BE PERFORMED BY A CERTIFIED ARBORIST BETWEEN FEBRUARY 1 AND JULY 1.
17. GRADE FROM IMPROVEMENTS TO EXISTING GRADE AT 4:1 FOR 2' HORIZONTAL MINIMUM.STEEPER GRADES MAY BE APPROVED BY THE FIELD ENGINEER.
18. TREES ARE INTENDED TO BE PRESERVED, AS THE PROJECT IS CONSTRUCTED ALONGSIDE THE DIRECTION OF THE ENGINEER AND STAFF/INSPECTORS. STEPS OUTLINED IN UDC 4.04.01 SHOULD BE FOLLOWED FOR ALL TREES. TREE REMOVAL INVOLVING 8" CALIPER INCH TREES AND LARGER SHALL BE THE TRACKED BY THE PROJECT INSPECTOR.



CONCRETE WEIR CROSSING SCHEMATIC

STATE OF TEXAS
ANTHONY D. BUONODONO
103439
LICENSED
PROFESSIONAL ENGINEER
DATE: 8/8/2024

mwm Design Group
9001 N IH 35 #102
Austin, Texas 78753
p: 512.453.0767
f: 512.453.1734
TBAE :: 1452
TBPE :: F-1416 10065600

NO.	DATE	DESCRIPTION	BY

##########

GARLIC CREEK TRAIL
PHASE 2
BUDA, TEXAS 78610

PLOTTED: 8/6/2024
JOB NO: 638-02

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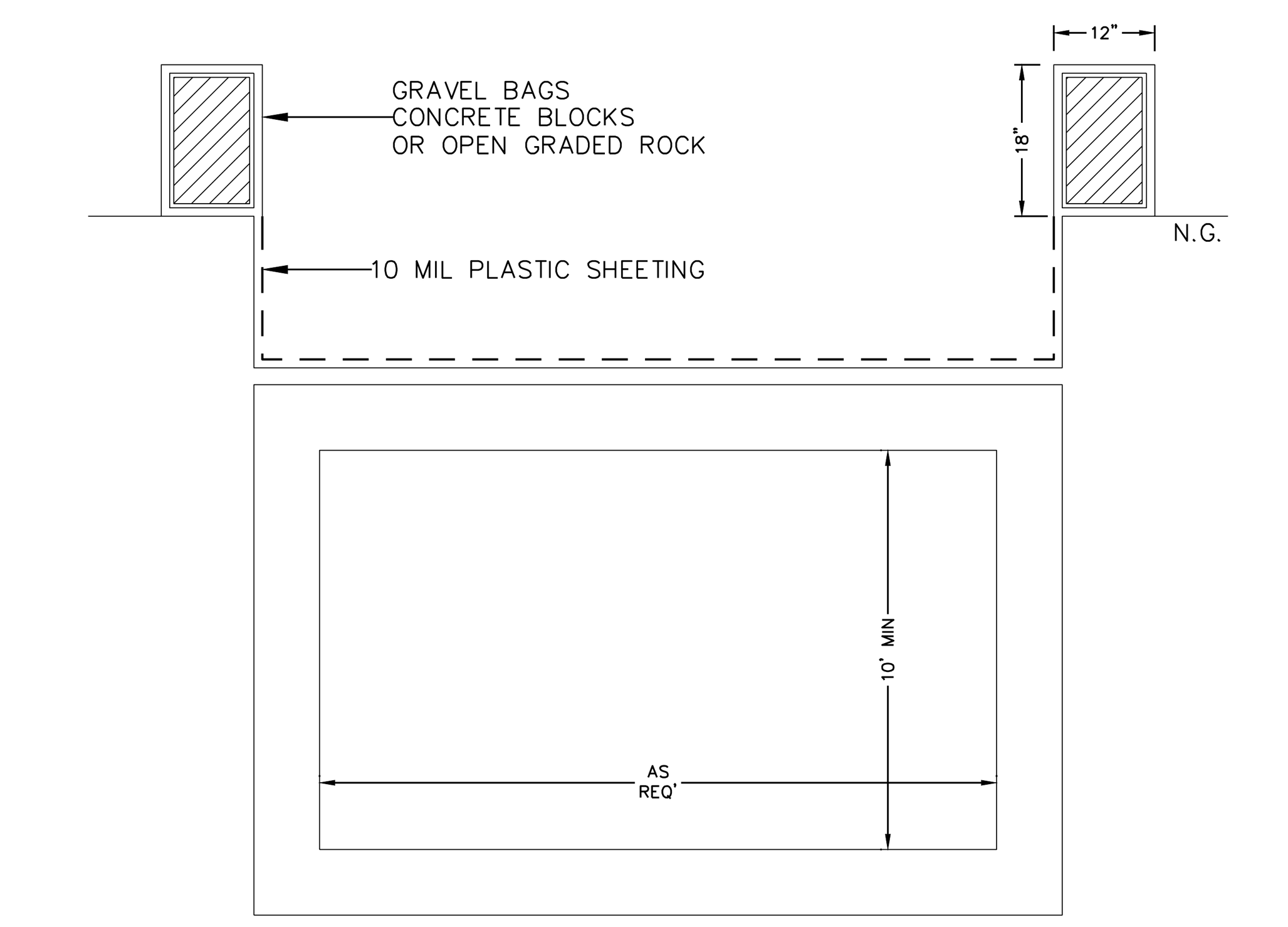
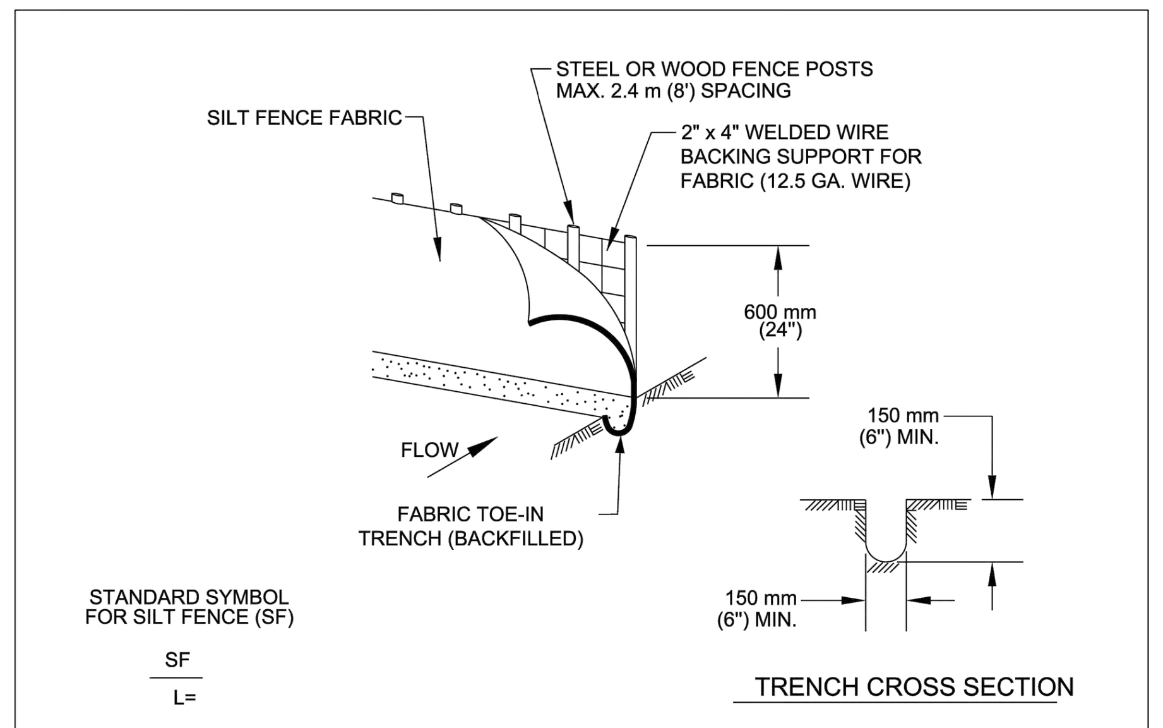
OF 5

File: X:\638-02_GarlicCreekTrl\CAD\Sheets\OVERALL_R1_HYB-TCEQ.dwg 24x36



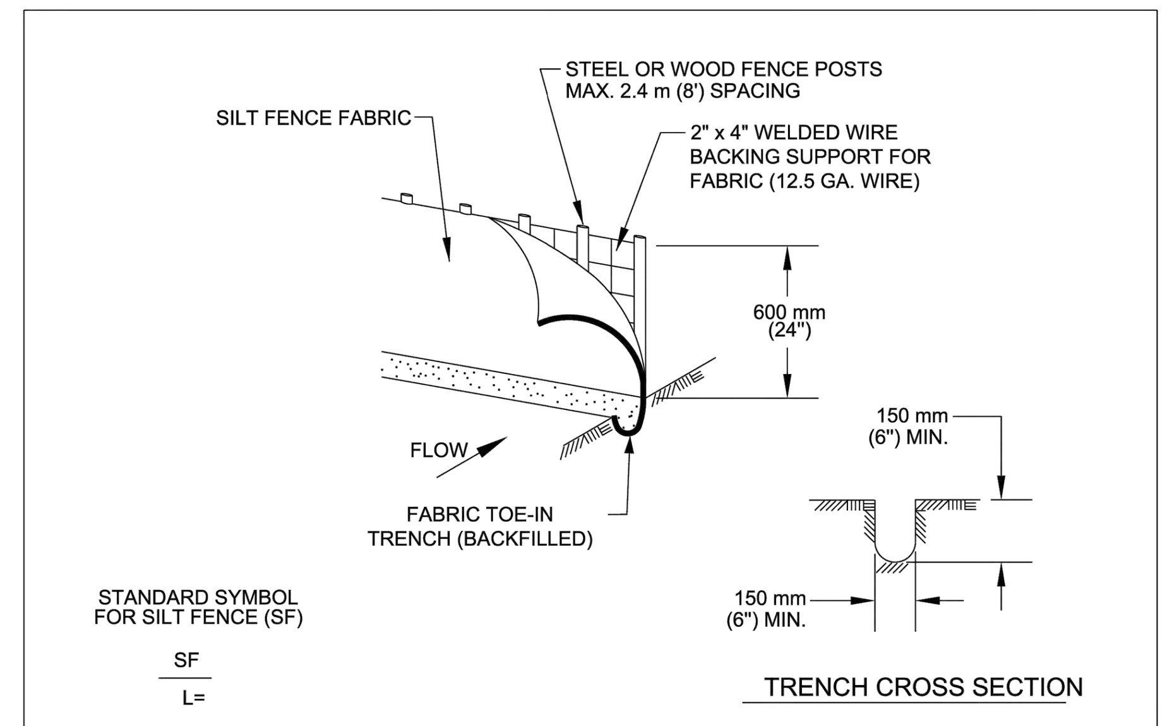
1. THE EXCAVATION FOR THE CONCRETE TRUCK WASHOUT SHALL BE A MINIMUM OF 10 FEET WIDE AND OF SUFFICIENT LENGTH AND DEPTH TO ACCOMMODATE 7 GALLONS OF WASHOUT WATER AND CONCRETE PER TRUCK PER DAY AND/OR 50 GALLONS OF WASHOUT WATER AND CONCRETE PER PUMP TRUCK PER DAY.
2. IN THE EVENT THAT THE CONCRETE TRUCK WASHOUT IS CONSTRUCTED ABOVE GROUND, IT SHALL BE 10 FEET WIDE AND 10 FEET LONG WITH THE SAME REQUIREMENTS FOR CONTAINMENT AS DESCRIBED IN ITEM 1.
3. THE CONTAINMENT AREA SHALL BE LINED WITH 10 MIL PLASTIC SHEETING WITHOUT HOLES OR TEARS. WHERE THERE ARE SEAMS, THESE SHALL BE SECURED ACCORDING TO MANUFACTURERS DIRECTIONS.
4. THE BERM CONSISTING OF GRAVEL BAGS, CONCRETE BLOCKS OR OPEN GRADED ROCK SHALL BE NO LESS THAN 18 INCHES HIGH AND NO LESS THAN 12 INCHES WIDE.
5. THE PLASTIC SHEETING SHALL BE OF SUFFICIENT SIZE SO THAT IT WILL OVERLAP THE TOP OF THE CONTAINMENT AREA AND BE WRAPPED AROUND THE GRAVEL BAGS, CONCRETE BLOCKS OR OPEN GRADED ROCK AT LEAST 2 TIMES.
6. THE GRAVEL BAGS OR CONCRETE BLOCKS SHALL BE PLACED ABUTTING EACH OTHER TO FORM A CONTINUOUS BERM AROUND THE OUTER PERIMETER OF THE CONTAINMENT AREA.
7. THE WASHOUT MATERIAL IN TEH CONTAINMENT AREA SHALL NOT EXCEED 50% OF CAPACITY AT ANY ONE TIME.
8. SOLIDS SHALL BE REMOVED FROM CONTAINMENT AREA AND DISPOSED OF PROPERLY, ANY DAMAGE TO THE PLASTIC SHEETING SHALL BE REPAIRED OR SHEETING REPLACED BEFORE THE NEXT USE.

7 / 5	10' x 10' CONCRETE WASHOUT SCALE: NTS



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



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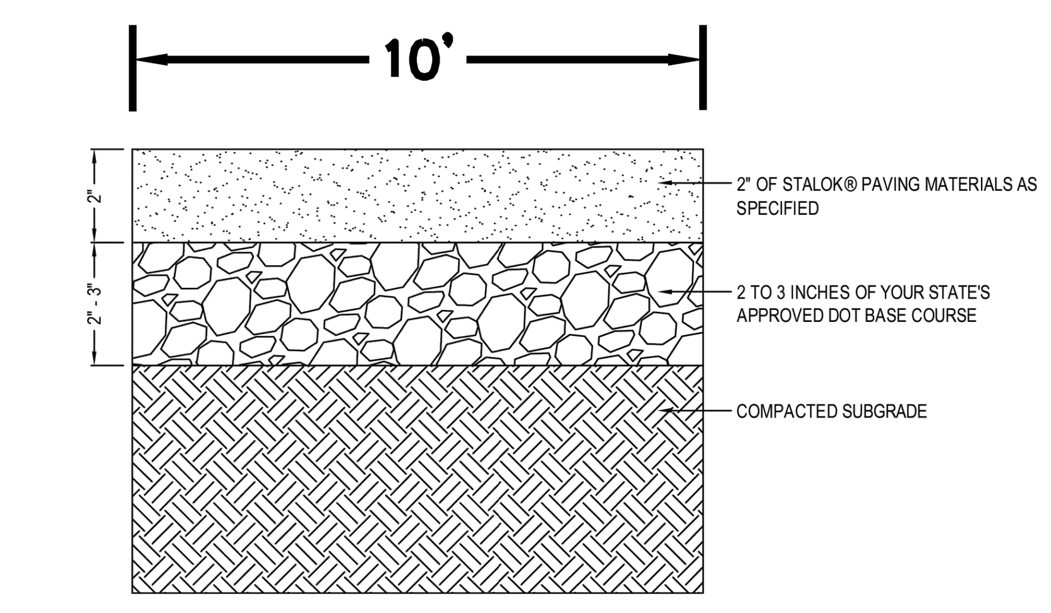
7. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 150 mm (6 inches). THE SILT SHALL BE DISPOSED OF ON AN APPROVED SITE AND IN SUCH A MANNER THAT WILL NOT CONTRIBUTE TO ADDITIONAL SILTATION.

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

STABILIZER SOLUTIONS, INC.
33 S 28TH ST
PHOENIX, AZ 85034
TOLL FREE: 1-800-336-2468
FAX: (602) 225-5902
www.stabilizersolutions.com

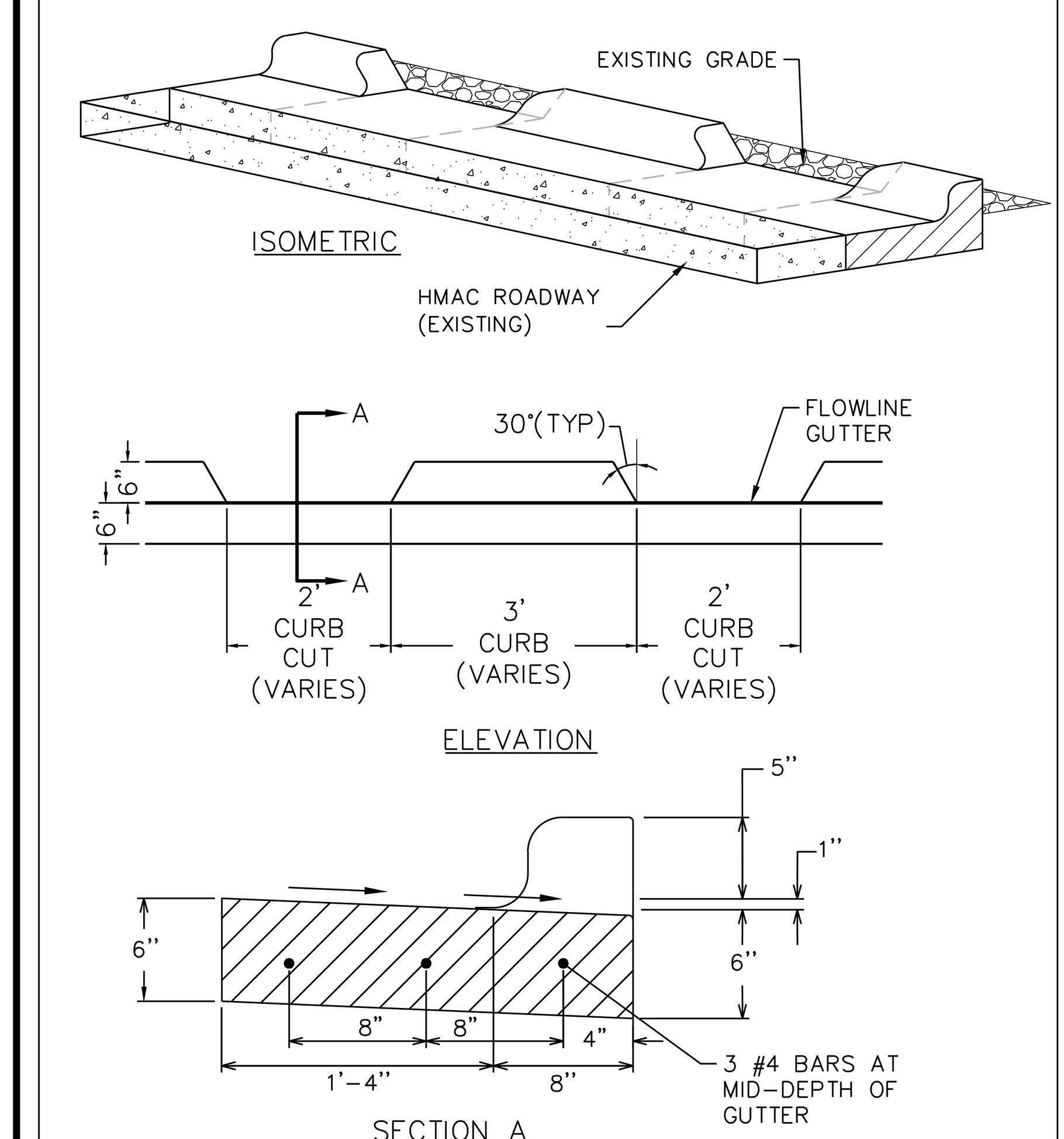


SECTION

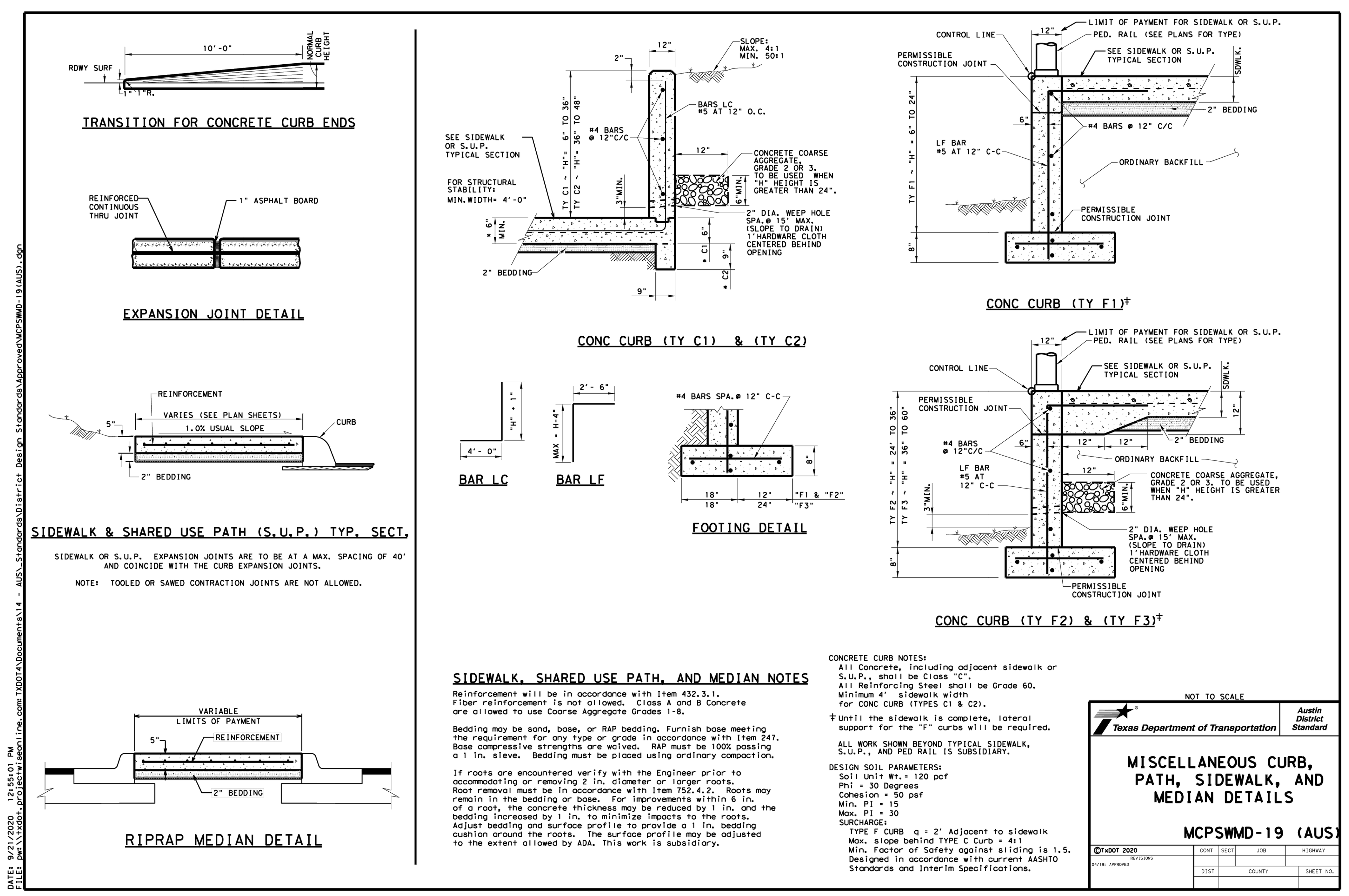
NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWING.
3. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
4. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER 4934-045.

STALOK PAVING MATERIAL
PEDESTRIAN ACCESS DETAIL

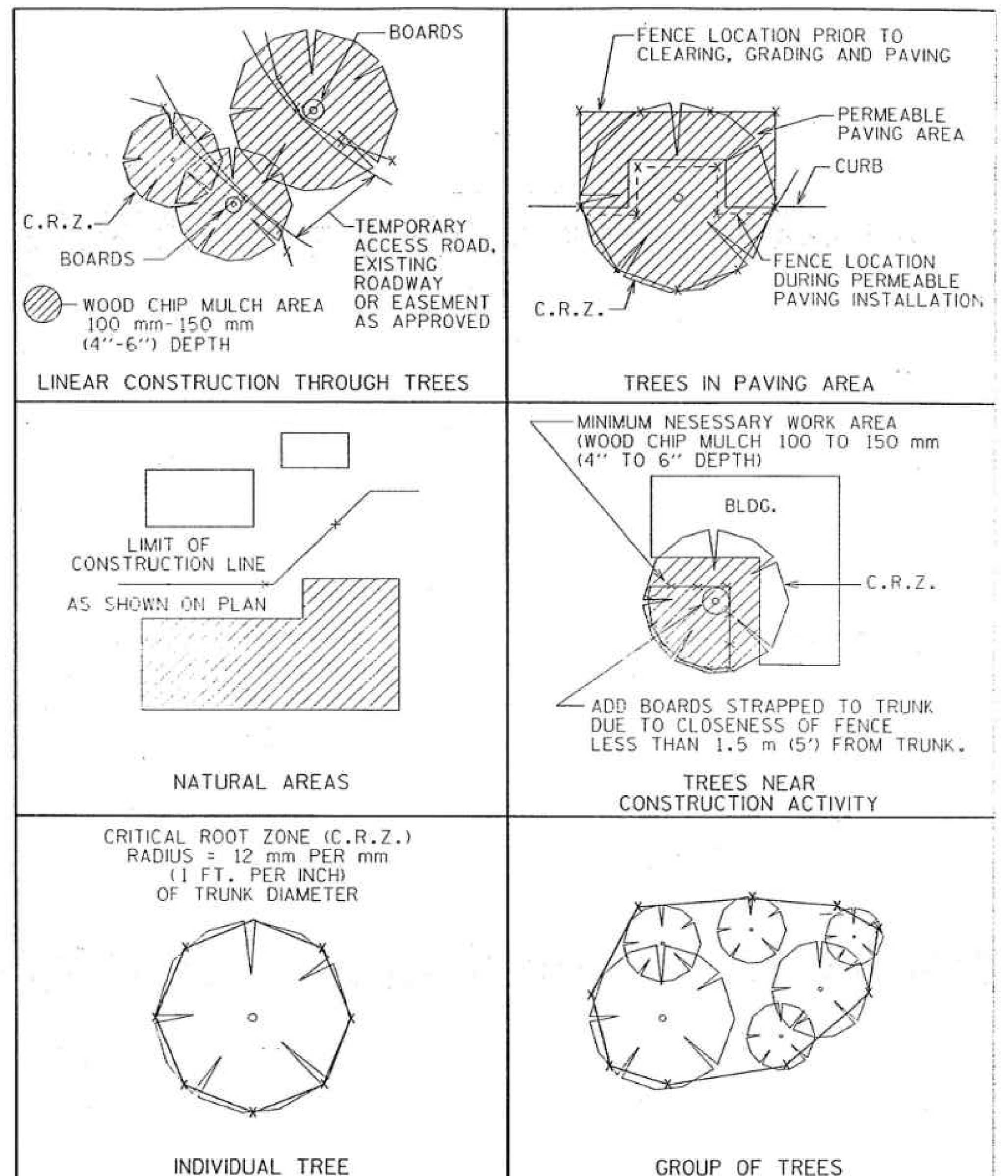
4934-045 REVISION DATE 02/05/2015



1 / C01.5	SAWTOOTH CURB DETAIL n.t.s.

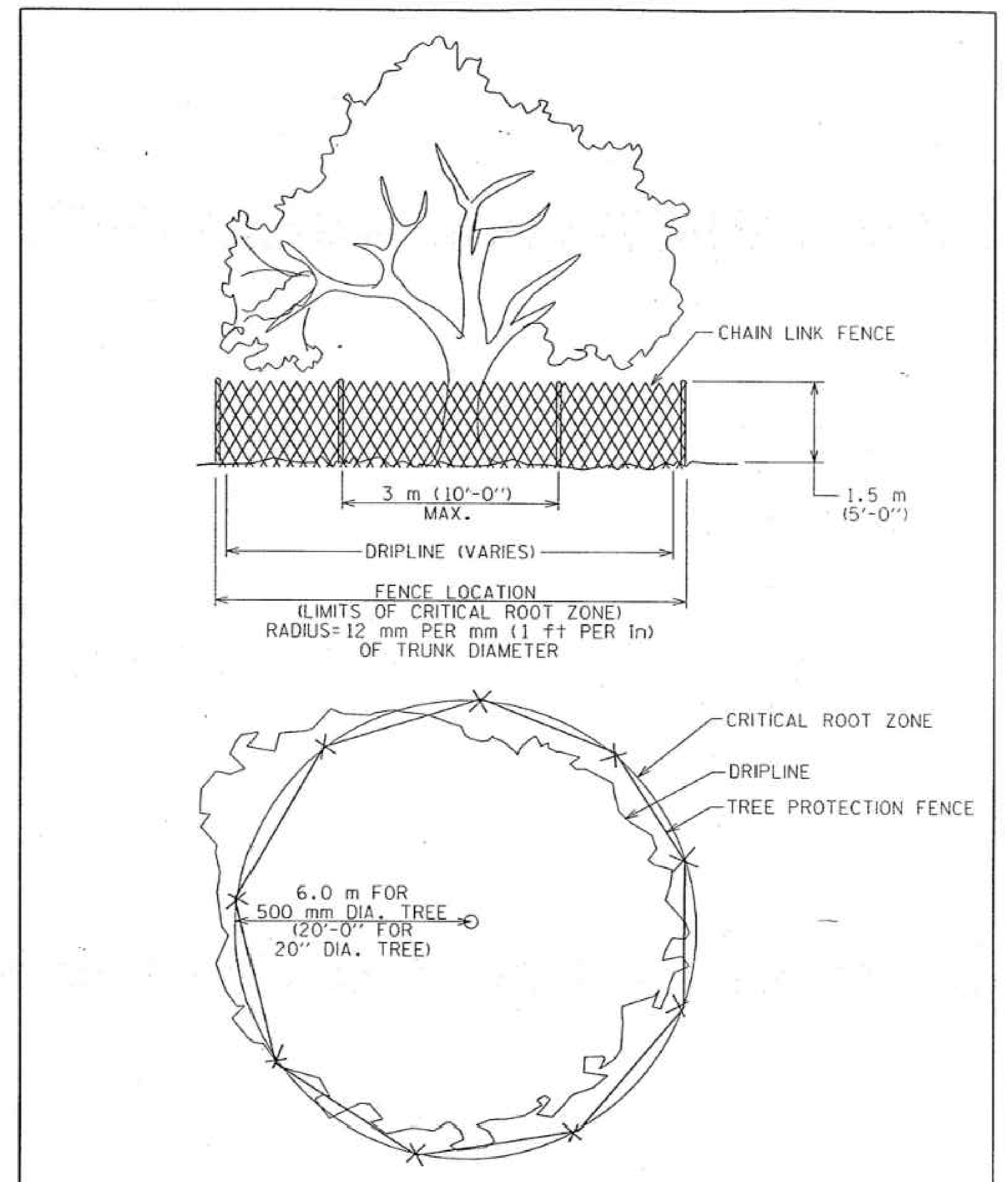


TRANSITION FOR CONCRETE CURB ENDS
EXPANSION JOINT DETAIL
SIDEWALK & SHARED USE PATH (S.U.P.) TYP. SECT.
RIPRAP MEDIAN DETAIL
CONC CURB (TY C1) & (TY C2)
BAR LC
BAR LF
FOOTING DETAIL
CONC CURB (TY F1)
CONC CURB (TY F2) & (TY F3)
SIDEWALK, SHARED USE PATH, AND MEDIAN NOTES
CONCRETE CURB NOTES
Texas Department of Transportation
MISCELLANEOUS CURB, PATH, SIDEWALK, AND MEDIAN DETAILS
MCPSWMD-19 (AUS)



BOARDS
C.R.Z.
BOARDS
WOOD CHIP MULCH AREA 100 mm-150 mm (4"-6") DEPTH
TEMPORARY ACCESS ROAD, EXISTING ROADWAY OR EASEMENT AS APPROVED
LINEAR CONSTRUCTION THROUGH TREES
FENCE LOCATION PRIOR TO CLEARING, GRADING AND PAVING
PERMEABLE PAVING AREA
CURB
C.R.Z.
FENCE LOCATION DURING PERMEABLE PAVING INSTALLATION
TREES IN PAVING AREA
LIMIT OF CONSTRUCTION LINE
AS SHOWN ON PLAN
NATURAL AREAS
MINIMUM NESESSARY WORK AREA (WOOD CHIP MULCH 100 TO 150 mm (4" TO 6" DEPTH)
BLDG.
C.R.Z.
ADD BOARDS STRAPPED TO TRUNK DUE TO CLOSENESS OF FENCE LESS THAN 1.5 m (5') FROM TRUNK.
TREES NEAR CONSTRUCTION ACTIVITY
CRITICAL ROOT ZONE (C.R.Z.) RADIUS = 12 mm PER mm (1 FT. PER INCH) OF TRUNK DIAMETER
INDIVIDUAL TREE
GROUP OF TREES

CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT		TREE PROTECTION FENCE LOCATIONS	
ADOPTED		THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 610S-1



CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT		TREE PROPTECTION FENCE TYPE A - CHAIN LINK	
ADOPTED		THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 610S-2

STATE OF TEXAS — ANTHONY D. BUONODONO — 103439 — LICENSED PROFESSIONAL ENGINEER
DATE: 8/8/2024

mwm DesignGroup
9001 N IH 35 #102
Austin, Texas 78753
p: 512.453.0767
f: 512.453.1734
TBAE .: 1452
TBPE .: F-1416 10065600

NO.	DATE	DESCRIPTION	BY

DETAILS

GARLIC CREEK TRAIL
PHASE 2
BUDA, TEXAS 78610

PLOTTED: 8/6/2024
JOB NO: 638-02

C01.2

5 OF 5

File: Y:\638-02_GarlicCreekTrl\CAD\Sheets\General Civil Details-TCEQ.dwg 24x36

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

I KENNETH J. CRAWFORD,
Print Name

CITY OF BUDA PROGRAM MANAGER,
Title - Owner/President/Other

of CITY OF BUDA,
Corporation/Partnership/Entity Name

have authorized Anthony D Buonodono
Print Name of Agent/Engineer

of MWM DesignGroup
Print Name of Firm

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

I also understand that:

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

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

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

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

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

SIGNATURE PAGE:

Applicant's Signature

11.04.24
Date

THE STATE OF TX §

County of Harris §

BEFORE ME, the undersigned authority, on this day personally appeared [redacted] 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 4th day of November, 2024

CHRISTINE BESINAIZ
NOTARY PUBLIC
STATE OF TEXAS
MY COMM. EXP. 02/15/28
NOTARY ID 3596175

Christine Besinaiz
NOTARY PUBLIC

Christine Besinaiz
Typed or Printed Name of Notary

MY COMMISSION EXPIRES: 2-15-28

Application Fee Form

Texas Commission on Environmental Quality
Name of Proposed Regulated Entity: Garlic Creek Trail Phase 2
Regulated Entity Location: Buda, TX
Name of Customer: City of Buda, TX
Contact Person: Kenneth Crawford Phone: 512-312-0084
Customer Reference Number (if issued):CN 600739866
Regulated Entity Reference Number (if issued):RN 103783528

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	$ 500.00
Extension of Time	Each	$

Signature: 8.22.24 Date:

TCEQ-0574 (Rev. 02-24-15)

Application Fee Schedule

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

Water Pollution Abatement Plans and Modifications

Contributing Zone Plans and Modifications

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

Organized Sewage Collection Systems and Modifications

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

Underground and Aboveground Storage Tank System Facility Plans and Modifications

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

Exception Requests

Project	*Fee*
Exception Request	$500

Extension of Time Requests

Project	*Fee*
Extension of Time Request	$150

TCEQ Use Only

TCEQ Core Data Form

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

SECTION I: General Information

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

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

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

2. Customer Reference Number *(if issued)*	Follow this link to search for CN or RN numbers in Central Registry**	**3. Regulated Entity Reference Number** *(if issued)*
CN 600739866		**RN 103783528**

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:*

Cit yf Buda, Texas

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

11. Type of Customer:

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

12. Number of Employees

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

13. Independently Owned and Operated?

☐ **Yes** ☐ **No**

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

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

15. Mailing Address:

405 E. Loop Street, Building 100

City	Buda	**State**	TX	**ZIP**	78610	**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) 312-0084		( ) -

SECTION III: Regulated Entity Information

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

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

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

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

Garlic Creek Trail, Phase 2

23. Street Address of the Regulated Entity: ***(No PO Boxes)***								
	City	Buda	**State**	TX	**ZIP**	78610	**ZIP + 4**	
24. County	Hays							

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

25. Description to Physical Location:	Approximately 240' West from the center of the existing cul-de-sac at Nivens drive along the Existing Garlic Creek Trail.				
26. Nearest City			**State**		**Nearest ZIP Code**

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

27. Latitude (N) In Decimal:	30.09552		**28. Longitude (W) In Decimal:**	97.86764	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
30	5	43.86	97	52	3.49

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)
9111		92112	

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

Public recreation

34. Mailing Address:	**City of Buda**							
	405 E. loop Street, Building 100							
	City	**Buda**	**State**	**TX**	**ZIP**	**78610**	**ZIP + 4**	
35. E-Mail Address:								

36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(if applicable)*
(512) 312-0084		( ) -

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

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

SECTION IV: Preparer Information

40. Name:	Tony Buonodono	**41. Title:**	Principal

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(512 **)** 417-2826		**( ) -**	tony.buonodono@mwmdg.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:	City of Buda	**Job Title:**	Project Manager	
Name *(In Print):*	Kenneth Crawford		**Phone:**	**(** 512 **)** 312- **0084**
Signature:			**Date:**	8.22.24

From: James Slone <james.slone@tceq.texas.gov>
Sent: Monday, September 16, 2024 3:03 PM
To: Tony Buonodono
Cc: Rajan Devkota
Subject: RE: Garlic Creek Trail Phase 2 EXCWPAP - Geologic Assessment Exception request

[External]
Tony,
That does help me tremendously. OK, revised response:

You can submit the plan without a Geologic Assessment; a Geologic Assessment is not required for the project. Please note, if a feature is discovered during TCEQ's site assessment, a Geologic Assessment may be required. Please retain this email for your records. You may be asked for the email during admin review.
Sorry about the initial response, but the additional info did help.
Bo

James "Bo" Slone, P.G.
Team Leader
Edwards Aquifer Protection Program
Texas Commission on Environmental Quality
(512) 239-6994

From: Tony Buonodono <tony.buonodono@mwmdg.com>
Sent: Monday, September 16, 2024 2:55 PM
To: James Slone <james.slone@tceq.texas.gov>
Cc: Rajan Devkota <rajan.devkota@mwmdg.com>
Subject: RE: Garlic Creek Trail Phase 2 EXCWPAP - Geologic Assessment Exception request

Mr. Slone,

I am reaching out to provide additional detail that will hopefully provide some clarification to our request. The proposed trail is approximately where the red line is drawn on the screen capture. This are has been previously disturbed by the home and park construction, is directly behind homesites, and connects to an existing trail. Our proposed improvements are limited to the installation of stabilized decomposed granite trail (4" base with 2" stabilized DG) at existing grade. The total length of our proposed trail within the recharge zone is approximately 350 linear feet.

Please let me know if this additional information provides you with enough to reconsider our request. If you need any additional information or would like to have a quick call to review, please reach out.

Thanks,

Tony Buonodono, PE, PMP
Vice President | Principal
Managing Director, Infrastructure Services

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From: James Slone <james.slone@tceq.texas.gov>
Sent: Monday, September 16, 2024 2:08 PM
To: Rajan Devkota <rajan.devkota@mwmdg.com>
Cc: Tony Buonodono <tony.buonodono@mwmdg.com>
Subject: RE: Garlic Creek Trail Phase 2 EXCWPAP - Geologic Assessment Exception request

[External]
Rajan,
Since the area is undeveloped, we will require a Geologic Assessment for the project. Usually, the exception is used for sites located in fully developed conditions (e.g., downtown, box store site).
Respectfully,
Bo

James “Bo” Slone, P.G.
Team Leader
Edwards Aquifer Protection Program
Texas Commission on Environmental Quality
(512) 239-6994

From: Rajan Devkota <rajan.devkota@mwmdg.com>
Sent: Friday, September 13, 2024 11:36 AM
To: James Slone <james.slone@tceq.texas.gov>
Cc: Tony Buonodono <tony.buonodono@mwmdg.com>
Subject: Garlic Creek Trail Phase 2 EXCWPAP - Geologic Assessment Exception request

Good Morning,
Mr. Slone

We are currently addressing the deficiencies in our Recharge zone Exception Application for the Garlic Creek Trail Project. The project involves the installation of approximately 3,635 linear feet (this segment) of proposed 10-foot-wide Stalok Material (Decomposed Granite) trail adjacent to Garlic Creek. The trail will be designed using a hybrid, field-engineered approach.

Proper planning of construction site activities and effective Erosion and sedimentation controls will be implemented which will greatly reduce soil disturbances impacts. Approximately 300 feet of the proposed trail alignment in currently inside the Recharge zone. We do not expect any adverse impact to the floodplain from the construction of the trail.

We would like to request for an exception for Geologic Assessment. Please let us know if a meeting would be helpful to discuss the details. A copy of our exception request which has been submitted to the TCEQ, is attached for your reference.

Thanks,

Rajan Devkota, P.E., C.F.M.
Assistant Project Manager

9001 N. IH-35, Suite 102 Austin, TX 78753
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From: EAAdmin <EAAdmin@tceq.texas.gov>
Sent: Tuesday, September 10, 2024 11:56 AM
To: Rajan Devkota <rajan.devkota@mwmdg.com>
Cc: Tony Buonodono <tony.buonodono@mwmdg.com>; James Slone <james.slone@tceq.texas.gov>
Subject: RE: Garlic Creek Trail Phase 2 EXCWPAP - Administrative NOD

[External]
Good Morning,

During the administrative review of the **Garlic Creek Trail Phase 2 – EXCWPAP** the following deficiencies were noted:

Edwards Aquifer Application Cover Page (TCEQ-20705)

1. Line 8. Please provide information.

General Information Form (TCEQ-0587)

2. Line 8. Please provide information.

Geologic Assessment Form (TCEQ-0585)

3. If requesting an exception to the Geologic Assessment, please contact our program's Professional Geoscientist/Team Lead Mr. James "Bo" Slone (CC'd) to determine if this project is eligible.

Temporary Stormwater Section (TCEQ-0602)

4. Form and attachments missing and must be included.

Agent Authorization Form (TCEQ-0599)

5. Form missing and must be included.

Core Data Form (TCEQ-10400)

6. Line 29 and 31. Please provide information.

Please ensure all documents and attachments are in order according to checklists found here https://www.tceq.texas.gov/permitting/eapp/material.html and upload the revised application to the TCEQ ftp site and share with EAAdmin@tceq.texas.gov. EAPP staff will review the revisions within two weeks and notify you of any deficiencies not addressed or to request payment.

Regards,

Franklin Anciano
License & Permit Specialist | Edwards Aquifer Protection Program
Texas Commission on Environmental Quality

Office: 512-239-7017
Email: Franklin.Anciano@tceq.texas.gov

From: EAAdmin
Sent: Tuesday, August 27, 2024 7:31 AM
To: Rajan Devkota <rajan.devkota@mwmdg.com>
Cc: Tony Buonodono <tony.buonodono@mwmdg.com>
Subject: RE: Garlic Creek Trail Phase 2 EXCWPAP

Good Morning,

The application has been received.

We will review the application for administrative completeness within two weeks and will reach out with any comments after our administrative review.

A summary of the application review process is included below for your reference.

Once you have put together a complete application and are ready to submit for administrative and technical review, please follow the steps listed below.

1. Email EAAdmin@tceq.texas.gov and state you have an application ready for submittal and have uploaded the application to the ftp site and shared.
2. Go to https://ftps.tceq.texas.gov/ and upload your **one (1)** electronic file of your application and share the file to EAAdmin@tceq.texas.gov Please name your file accordingly.
3. The administrative staff should acknowledge your correspondence and will relay an administrative review will take place within 2 weeks.
4. Once the administrative review has been completed you will either receive a set of deficiencies to address or an acknowledgement your application is ready to be accepted.
5. Payment will be requested once an application is deemed admin complete. Payment can be made through https://www3.tceq.texas.gov/epay/ additional instructions will be provided

Application accepted for Technical Review

1. The application will be uploaded to the TCEQ Webpage for the 30-day public comment period at https://www.tceq.texas.gov/permitting/eapp/eapp-applications-review
2. The application will also be assigned to a technical reviewer. You are welcome to email EAAdmin@tceq.texas.gov for any status update of your application. At that point, your email will be forwarded to your assigned technical reviewer to respond.
3. Technical review can include up to, two (2) deficiency comment periods and responses.
4. The program has 90-calendar days to determine if the application is approved or denied. A good quality application can usually be approved within 60 days.

Things to consider

1. Again, a poor-quality application will cause delays in technical review. Please make sure all attachments are provided and information describing the project is accurate. In addition, do not provide more information than what is requested resulting in a significantly large file.
2. Authorization issues (applicants are leases), permanent best management practices not sized accordingly, and proper authorization for construction activity outside the legal boundaries can all cause significant delays and possible denials of applications.
3. If during technical review a significant change takes place to the design, for example a new PBMP, changes to the layout resulting in revised drainage, or the type of activity proposed is altered (bank to gas station) can result in a mid-review modification and the application will be asked to be withdrawn.

Regards,

Franklin Anciano
License & Permit Specialist | Edwards Aquifer Protection Program
Texas Commission on Environmental Quality

Office: 512-239-7017
Email: Franklin.Anciano@tceq.texas.gov

From: Rajan Devkota <rajan.devkota@mwmdg.com>
Sent: Monday, August 26, 2024 4:06 PM
To: EAAdmin <EAAdmin@tceq.texas.gov>
Cc: Tony Buonodono <tony.buonodono@mwmdg.com>
Subject: Garlic Creek Trail, Ph 2, Recharge Zone Exception Request form uploaded to FTP

Dear TCEQ Officer,

We have uploaded our Recharge Zone Exception Application for our Garlic Creek Trail Phase 2 Project in the TCEQ FTP site.

Here are the details of the Project:

Project: Garlic Creek Trail Phase 2, Buda, TX
Type of Plan: Recharge Zone Exception Request Form
Customer Name: City of Buda, TX
Engineer Contact: Tony Buonodono (tony.buonodono@mwmdg.com), Phone No. 512-417-2826, Rajan Devkota (rajan.devkota@mwmdg.com, Phone No. 512-992-2968)
City of Buda, TX Contact: Kenneth Crawford (Kenneth.crawford@budatx.gov, Phone No. 512-312-0084)

Thanks,

Rajan Devkota, P.E., C.F.M.

Assistant Project Manager

d 512.992.2968

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Austin, TX 78753

o 512.453.0767

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Rajan Devkota, PE
Assistant Project Manager

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