

**ROUND ROCK WEST GREENBELT STORM SEWER AND  
WATERLINE IMPROVEMENTS**

**CITY OF ROUND ROCK, TEXAS**

**WILLIAMSON COUNTY**

**WATER POLLUTION ABATEMENT PLAN  
EXCEPTION APPLICATION**



**PREPARED FOR:  
CITY OF ROUND ROCK  
3400 SUNRISE ROAD  
ROUND ROCK, TEXAS 78665**

**PREPARED BY:  
LJA ENGINEERING, INC.  
9830 COLONNADE BLVD SUITE 300  
SAN ANTONIO, TEXAS 78230**

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

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### Our Review of Your Application

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

### Administrative Review

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

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

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

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

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

### Technical Review

1. When an application is deemed administratively complete, the technical review period begins. The regional office will distribute copies of the application to the identified affected city, county, and groundwater conservation district whose jurisdiction includes the subject site. These entities and the public have 30 days to provide comments on the application to the regional office. All comments received are reviewed by TCEQ.

2. A site assessment is usually conducted as part of the technical review, to evaluate the geologic assessment and observe existing site conditions. The site must be accessible to our staff. The site boundaries should be clearly marked, features identified in the geologic assessment should be flagged, roadways marked and the alignment of the Sewage Collection System and manholes should be staked at the time the application is submitted. If the site is not marked the application may be returned.
3. We evaluate the application for technical completeness and contact the applicant and agent via Notice of Deficiency (NOD) to request additional information and identify technical deficiencies. There are two deficiency response periods available to the applicant. There are 14 days to resolve deficiencies noted in the first NOD. If a second NOD is issued, there is an additional 14 days to resolve deficiencies. If the response to the second notice is not received, is incomplete or inadequate, or provides new information that is incomplete or inadequate, the application must be withdrawn or if not withdrawn the application will be denied and 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 to you:

- You can withdraw your application, and your fees will be refunded or credited for a resubmittal.
- 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 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 effected jurisdictions.

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

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

<b>1. Regulated Entity Name:</b> Round Rock Greenbelt				<b>2. Regulated Entity No.:</b>					
<b>3. Customer Name:</b> City of Round Rock				<b>4. Customer No.:</b>					
<b>5. Project Type:</b> (Please circle/check one)	New	Modification		Extension	<b>Exception</b>				
<b>6. Plan Type:</b> (Please circle/check one)	WPAP	CZP	SCS	UST	AST	<b>EXP</b>	EXT	Technical Clarification	Optional Enhanced Measures
<b>7. Land Use:</b> (Please circle/check one)	<b>Residential</b>		Non-residential			<b>8. Site (acres):</b>		1.77 ac	
<b>9. Application Fee:</b>	\$500		<b>10. Permanent BMP(s):</b>			N/A			
<b>11. SCS (Linear Ft.):</b>	N/A		<b>12. AST/UST (No. Tanks):</b>			N/A			
<b>13. County:</b>	Williamson		<b>14. Watershed:</b>			Lake Creek Watershed			

# Application Distribution

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

[http://www.tceq.texas.gov/assets/public/compliance/field\\_ops/eapp/EAPP%20GWCD%20map.pdf](http://www.tceq.texas.gov/assets/public/compliance/field_ops/eapp/EAPP%20GWCD%20map.pdf)

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

<b>Austin Region</b>			
<b>County:</b>	<b>Hays</b>	<b>Travis</b>	<b>Williamson</b>
Original (1 req.)	—	—	_1_
Region (1 req.)	—	—	_1_
County(ies)	—	—	_1_
Groundwater Conservation District(s)	<input type="checkbox"/> Edwards Aquifer Authority <input type="checkbox"/> Barton Springs/ Edwards Aquifer <input type="checkbox"/> Hays Trinity <input type="checkbox"/> Plum Creek	<input type="checkbox"/> Barton Springs/ Edwards Aquifer	NA
City(ies) Jurisdiction	<input type="checkbox"/> Austin <input type="checkbox"/> Buda <input type="checkbox"/> Dripping Springs <input type="checkbox"/> Kyle <input type="checkbox"/> Mountain City <input type="checkbox"/> San Marcos <input type="checkbox"/> Wimberley <input type="checkbox"/> Woodcreek	<input type="checkbox"/> Austin <input type="checkbox"/> Bee Cave <input type="checkbox"/> Pflugerville <input type="checkbox"/> Rollingwood <input type="checkbox"/> Round Rock <input type="checkbox"/> Sunset Valley <input type="checkbox"/> West Lake Hills	<input type="checkbox"/> Austin <input type="checkbox"/> Cedar Park <input type="checkbox"/> Florence <input type="checkbox"/> Georgetown <input type="checkbox"/> Jerrell <input type="checkbox"/> Leander <input type="checkbox"/> Liberty Hill <input type="checkbox"/> Pflugerville <input type="checkbox"/> _1_ Round Rock

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

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.

Roberto Erazo

Print Name of Customer/Authorized Agent

08-07-2023

Signature of Customer/Authorized Agent

Date

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

# General Information Form

## Texas Commission on Environmental Quality

For Regulated Activities on the Edwards Aquifer Recharge and Transition Zones and Relating to 30 TAC §213.4(b) & §213.5(b)(2)(A), (B) Effective June 1, 1999

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

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

## Signature

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

Print Name of Customer/Agent: Roberto Erazo, PE

Date: 08/07/2023

Signature of Customer/Agent:

  
\_\_\_\_\_

## Project Information

1. Regulated Entity Name: Round Rock West Greenbelt
2. County: Williamson
3. Stream Basin: Lake Creek
4. Groundwater Conservation District (If applicable): Edwards Aquifer Authority
5. Edwards Aquifer Zone:  
 Recharge Zone  
 Transition Zone
6. Plan Type:  
 WPAP  
 SCS  
 Modification  
 AST  
 UST  
 Exception Request

7. Customer (Applicant):

Contact Person: Federico Sanchez  
Entity: City of Round Rock  
Mailing Address: 3400 Sunrise Road  
City, State: Round Rock, TX Zip: 78665  
Telephone: (512) 218-6609 FAX: \_\_\_\_\_  
Email Address: fsanchez@roundrocktexas.gov

8. Agent/Representative (If any):

Contact Person: Roberto Erazo  
Entity: LJA Engineering  
Mailing Address: 9830 Colonnade Blvd Suite 300  
City, State: San Antonio, TX Zip: 78230  
Telephone: (210) 503-2725 FAX: \_\_\_\_\_  
Email Address: rerazo@lja.com

9. Project Location:

- The project site is located inside the city limits of City of Round Rock.
- 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.

The project is within the Round Rock West Greenbelt Area beginning at Lime Rock Dr, past Creekview Dr and ending at Lake Creek.

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: Please notify Roberto Erazo at (210) 503-2725 when TCEQ plans to have their site visit.

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.

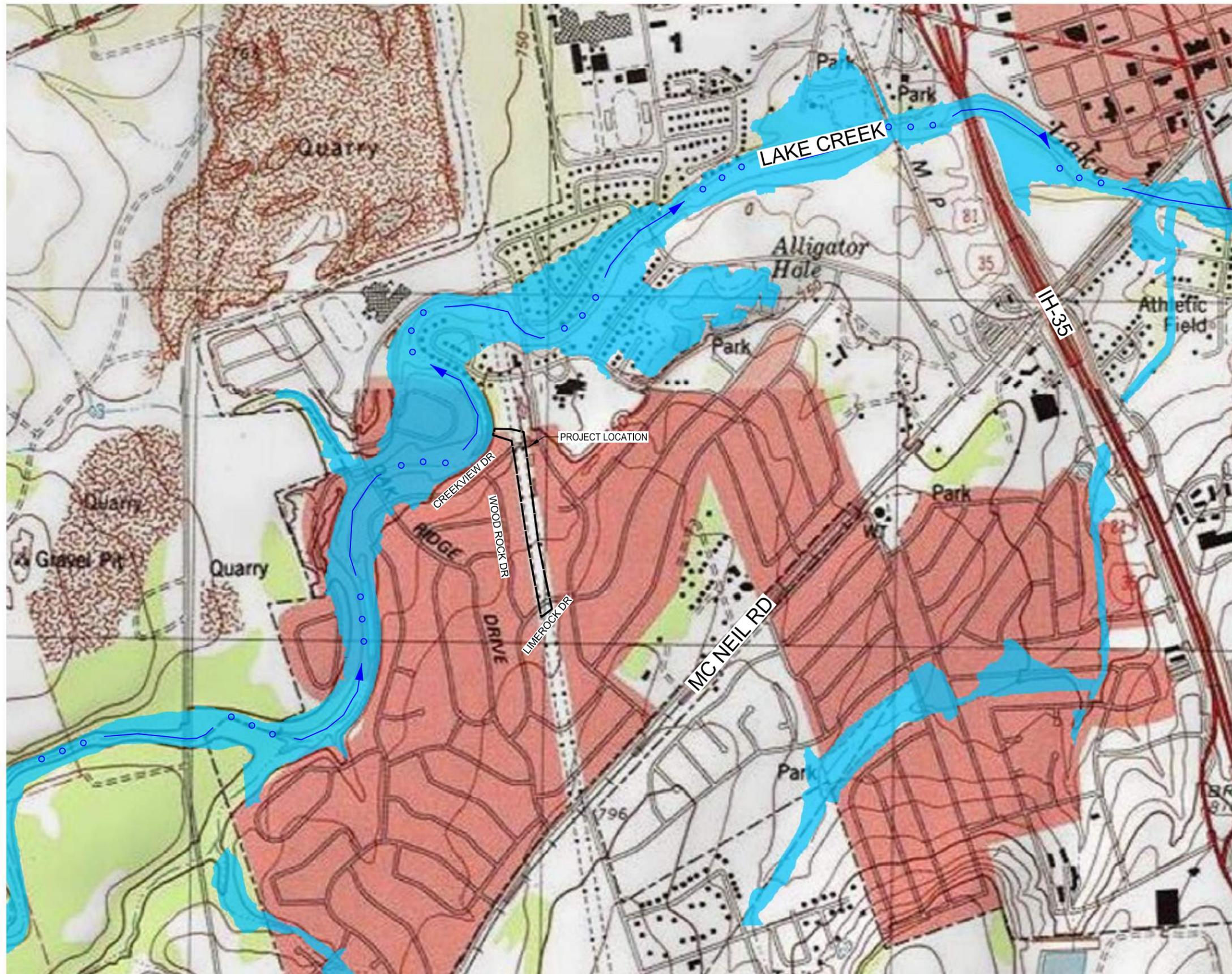
21.  No person shall commence any regulated activity until the Edwards Aquifer Protection Plan(s) for the activity has been filed with and approved by the Executive Director.

# **Attachment A – Road Map**

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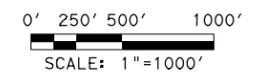
Water Pollution Abatement Plan Exception Application

8/7/2023 2:30:58 PM I:\2601\2001\CADD\SHEETS\10-Miscellaneous\Items\SCS\ROADMAP\*SYSTEM\*03.dgn



LEGEND

- SITE LIMITS
- FLOW DIRECTION
- 100-YR FLOODPLAIN



**LJA Engineering, Inc.** FRN-F-1386

RRW AREA 5  
ROAD MAP

SHEET 1 OF 1

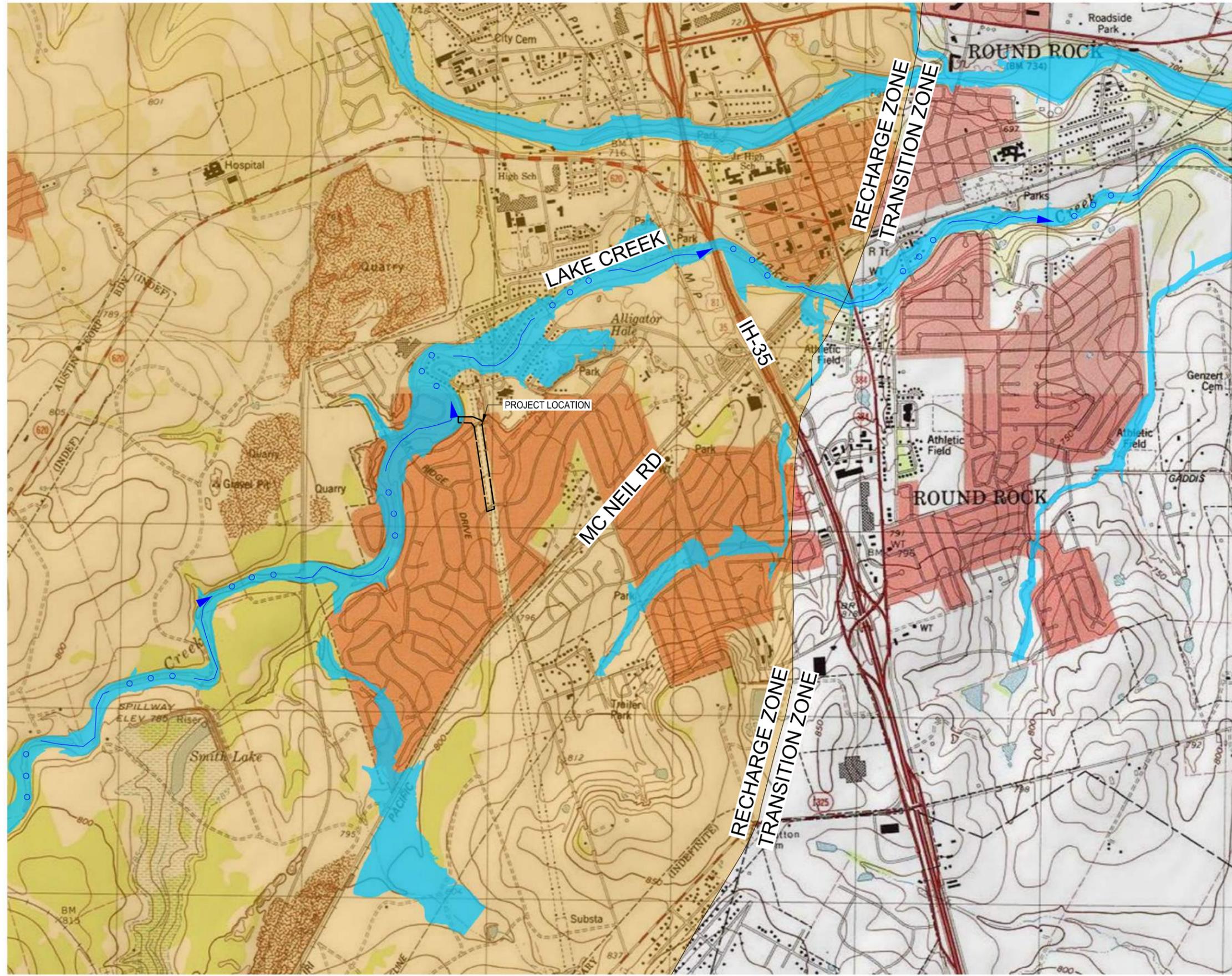
PROJECT NO:	SHEET NO.
DESIGNED: AM	
DRAWN: AM	
CHECKED: RE	

# **Attachment B - USGS Map**

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Water Pollution Abatement Plan Exception Application

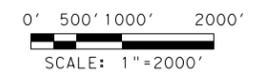
6/23/2023 2:25:24 PM I:\2601\2001\CADD\SHEETS\10-Misc\11\aneous 1\Items\SCS\USGS\*SYSTEM\*03.dgn



**LEGEND**

- SITE LIMITS
- FLOW DIRECTION
- 100-YR FLOODPLAIN
- RECHARGE ZONE

**NOTES:**  
 1. USGS MAP OF ROUND ROCK SW(30097-E6) AND PFLUGERVILLE WEST NW (30097-D6) QUADRANGLES.



**LJA Engineering, Inc.**   
 FRN-F-1386

RRW AREA 5  
 USGS MAP

SHEET 1 OF 1	
PROJECT NO:	SHEET NO.
DESIGNED: HV	
DRAWN: HV	
CHECKED: RE	

## WATER POLLUTION ABATEMENT PLAN EXCEPTION APPLICATION

### ATTACHMENT C

#### PROJECT DESCRIPTION

There are no wastewater lines within the project limits. The water improvement/relocation is associated with a drainage improvement project located in the Round Rock West Greenbelt area. This site lies within Williamson County and is inside the city limits of Round Rock, Texas. The improvements associated with this project will represent a negligible increase of 0.07 acres in impervious cover.

The project covers approximately 1,700 ft within the Round Rock West Greenbelt area situated between Lime Rock Dr and ending at Lake Creek, north of Creekview Dr. The project site area is 1.77 acres. The proposed improvements include installation of a 48" storm sewer pipe along the Greenbelt from Lime Rock Dr to Creekview Dr. The project proposes to relocate a 12" water to run parallel to the storm drain through similar limits, upsizing the line to 16".

The proposed temporary erosion controls will implement erosion control logs as a temporary measure to treat runoff from the construction site.

# 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: Roberto Erazo, PE

Date: 08/07/2023

Signature of Customer/Agent:



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Regulated Entity Name: Round Rock Greenbelt

## Exception Request

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

## Administrative Information

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

## **WATER POLLUTION ABATEMENT PLAN EXCEPTION APPLICATION**

**TCEQ-0628**

### **ATTACHMENT A – NATURE OF EXCEPTION**

The City of Round Rock has commissioned LJA Engineering, Inc. to perform storm sewer and water improvements in what is denominated as Round Rock West Greenbelt. Round Rock West Greenbelt is located between two established single family residential neighborhoods. The project is 1.77 acres and is within the Edwards Aquifer Recharge Zone and outside the 100-yr floodplain.

The project focuses on alleviating the current flooding issue experienced by adjacent property owners. This was done by installing a 48” reinforced concrete pipe storm sewer system running parallel to the channel. The existing water line will be relocated, within the project limits, to run parallel to both the existing channel and proposed storm sewer system at a constant offset of 34 feet from the center of the existing Greenbelt channel. The proposed water line will be upsized, from 12 inches to 16 inches and will sit between the existing channel and proposed storm sewer pipe. No street excavation will take place for this project, only minor remove and replacement of curb and sidewalk to accommodate storm sewer and water improvements.

There is an increase in impervious cover within the project limits of 0.07 acres, due to adding riprap aprons to the entrance and exit of the storm sewer pipe. The increase is 3.95% of the total project area and is considered negligible, therefore Permanent Best Management Practices (BMPs) are not necessary. Water quality protection during construction is covered with the proposed temporary BMPs.

# **TCEQ-0628 Attachment B**

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Documentation of Equivalent Water Quality Protection

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:

$L_{M \text{ TOTAL PROJECT}}$  = Required TSS removal resulting from the proposed development = 80% of increased load

$A_N$  = Net increase in impervious area for the project

P = Average annual precipitation, inches

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

County = **Williamson**

Total project area included in plan \* = **1.7700** acres

Predevelopment impervious area within the limits of the plan \* = **0.0000** acres

Total post-development impervious area within the limits of the plan\* = **0.0700** acres

Total post-development impervious cover fraction \* = **0.04**

P = **32** inches

$L_{M \text{ TOTAL PROJECT}}$  = **61** lbs.

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

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

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

Drainage Basin/Outfall Area No. = **1**

Total drainage basin/outfall area = **1.7700** acres

Predevelopment impervious area within drainage basin/outfall area = **0.0000** acres

Post-development impervious area within drainage basin/outfall area = **0.0700** acres

Post-development impervious fraction within drainage basin/outfall area = **0.04**

$L_{M \text{ THIS BASIN}}$  = **61** lbs.

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

Proposed BMP = Grassy Swale  
 Removal efficiency = **70** percent

# **TCEQ-0602 Temporary Stormwater Section**

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# 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: Roberto Erazo

Date: 08/07/2023

Signature of Customer/Agent:

  
\_\_\_\_\_

Regulated Entity Name: City of Round Rock West Area 5

## 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: N/A

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: Lake 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.

### **Spill Response Actions**

In the event of an accidental spill:

1. Contractor shall take action to contain spill. Contractor may use sand or other absorbent material stockpiled on site to absorb spill. Absorbent material should be spread over the spill area to absorb the spilled product.
2. In the event of an uncontained discharge the contractor shall utilize onsite equipment to construct berms downgradient of the spill with sand or other absorbent material to contain and absorb the spilled product.
3. Sand or material used to contain the spill should be collected and stored in such a way so as not to continue to affect additional ground. Once the spill has been contained, collected material should be placed on poly or plastic sheeting until removed from the site. In the event of potential rainfall, the material should be covered with poly or plastic sheeting.
4. The contractor will be required to notify the owner, who will in turn contact TCEQ to notify them in the event of a spill. Additional notifications as required by the type and amount of spill will be conducted by owner or owner's representative.
5. The contractor will be required to report significant or hazardous spills in reportable quantities to:
  - The National Response Center at (800) 424-8802
  - The Edwards Aquifer Authority at (210) 222-2204 or 1-800-292-1047
  - The TCEQ Regional Office (512)-339-2929 (if during business hours: 8 AM to 5 PM), or
  - The State Emergency Response Center (800) 832-8224 (if after hours)
6. Contaminated soils will be sampled for waste characterization. When the analysis results are known the contaminated soils will be removed from the site and disposed in a permitted landfill in accordance with applicable regulations.

Additional guidance can be obtained from TCEQ's Technical Guidance Manual (TGM) RG-348 (2005) Section 1.4.16. Contractor shall review this section.

### **Potential Sources of Contamination**

Potential sources of contamination include:

- Oil, grease, fuel and hydraulic fluid from construction equipment and vehicle drippings;
- Dirt and dust which may fall off construction vehicles;
- Miscellaneous trash and litter from construction workers and material wrappings.
- Concrete truck washout;
- Discharge from sewer lines, manholes and cleans during utility replacements.

### **Sequence of Major Activities**

Site preparation for this project will generally include the following:

1. Grubbing will provide removal of stumps and roots from the storm sewer and water improvement alignments. It is anticipated that this may disturb approximately 0.44 acres.
2. Excavation for the storm sewer improvements is anticipated to disturb approximately 0.25 acres.
3. Excavation for the water improvements is anticipated to disturb approximately 0.19 acres.

Construction would generally include the following:

1. Placement of temporary erosion control devices. It is anticipated that this may disturb a negligible amount of the site area.
2. Excavation of storm sewer and water improvement lines, placement of pipe bedding, base material, and placement of asphalt, and concrete material. It is anticipated that this may disturb approximately 0.44 acres.
3. Installation of sodding. It is anticipated that this may disturb approximately 1.71 acres.
4. Site cleanup, top dressing, and revegetation (where applicable). It is anticipated that this may disturb the whole project area, approximately 1.77 acres.

### **Temporary Best Management Practices (TBMPs)**

Silt fences, erosion control logs, and sodding will be used during and/or after construction and will be installed prior to site preparation, as applicable. Prior to the initiation of construction activities, all previously installed control measures will be repaired or re-established for their designed or intended purpose.

Engineered temporary sediment control fences will be used to prevent pollution of surface water, groundwater, or stormwater that originates upgradient from the site and flows across the site. This will occur throughout the proposed construction area, where stormwater will flow to Lake Creek.

Site preparation and excavation, which is the initiation of all activity on the project, will disturb the largest amount of soil. Therefore, before any work can begin, the contractor shall be responsible for the installation of all on-site control measures. The methodology for pollution prevention of on-site stormwater will include:

- Placement of erosion control logs around existing inlets
- Erection of temporary sediment control fences along the proposed inlets for temporary erosion and sediment controls during construction activities.

Prior to the initiation of construction activities, all previously installed control measures will be repaired or reestablished for their designed or intended purpose. This work, which is the remainder of all activity on the project, may also disturb additional soil.

Temporary measures are intended to provide a method of slowing the flow of runoff from the construction site in order to allow sediment and suspended solids to settle out of the runoff. By containing the sediment and solids within the site, they will not enter surface streams and/or sensitive features.

### **Structural Practices**

Structural practices to be used include temporary sediment control fence. Refer to Attachment D for additional details.

### **Drainage Area Map**

Please see site plan sheets attached. Sheet 11 and 12 from the PS&E contain the project's drainage area maps.

**INDEX OF SHEETS**

<b>GENERAL</b>	
1	TITLE SHEET AND INDEX
2	TYPICAL SECTIONS
3	SUMMARY OF QUANTITIES
4	GENERAL NOTES
5	TCEQ NOTES
6	SURVEY CONTROL
7	HORIZONTAL ALIGNMENT DATA
<b>EROSION CONTROL &amp; TREE PROTECTION</b>	
8 - 10	EROSION CONTROL & TREE PROTECTION
<b>DRAINAGE</b>	
11	EXTERNAL DRAINAGE AREA LAYOUT
12	INTERNAL DRAINAGE AREA LAYOUT
13 - 14	HYDROLOGY AND HYDRAULIC CALCULATIONS
15 - 18	CHANNEL HYDRAULIC DATA
19 - 22	STORM DRAIN PLAN & PROFILE
23 - 24	MISC. DRAINAGE DETAILS
<b>WATER</b>	
25 - 28	WATER PLAN & PROFILE
<b>TRAFFIC CONTROL STANDARDS</b>	
29	TCP(2-1)-18
<b>ROADWAY STANDARDS</b>	
30	CORR ROADWAY
31 - 33	PRD-13
<b>DRAINAGE STANDARDS</b>	
34	CORR DRAINAGE
35	BCS
36	PW
37	SCC-MD
38	PB
39	PJB
40	PAZD - MOD
41	PDD
<b>EROSION CONTROL &amp; TREE PROTECTION STANDARDS</b>	
42	CORR EROSION CONTROL & TREE PROTECTION
<b>WATER STANDARDS</b>	
43 - 44	CORR WATER

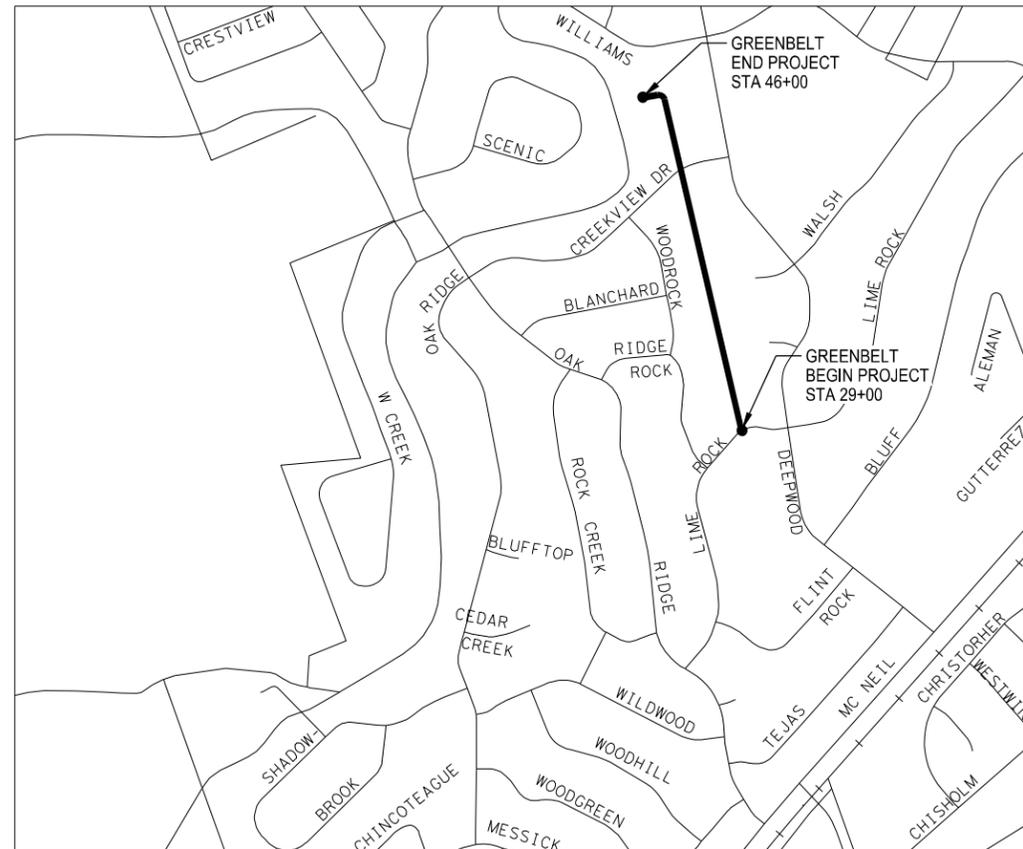
# CITY OF ROUND ROCK, TEXAS

## UTILITIES AND ENVIRONMENTAL SERVICES DEPARTMENT

### PLANS OF PROPOSED GREENBELT STORM SEWER AND WATERLINE IMPROVEMENTS

LIMITS: LIME ROCK DR TO CREEKVIEW DR

FOR CONSTRUCTION OF STORM SEWER AND WATERLINE IMPROVEMENTS  
CONSISTING OF GRADING, DRAINAGE,  
AND UTILITY REPLACEMENT.



VICINITY MAPS  
NOT TO SCALE



06/08/2023

Revisions			
No.	Date	By	Description

**LJA Engineering, Inc.**  
FRN - F-1386

I, ROBERTO ERAZO JR, DO HEREBY CERTIFY THAT THE PUBLIC WORKS AND DRAINAGE IMPROVEMENTS DESCRIBED HEREIN HAVE BEEN DESIGNED IN COMPLIANCE WITH THE SUBDIVISION AND BUILDING REGULATION BY THE CITY OF ROUND ROCK, TEXAS.

*Roberto Erazo Jr.*  
LJA  
PROJECT MANAGER

06/16/2023  
DATE

ACCEPTED FOR CONSTRUCTION

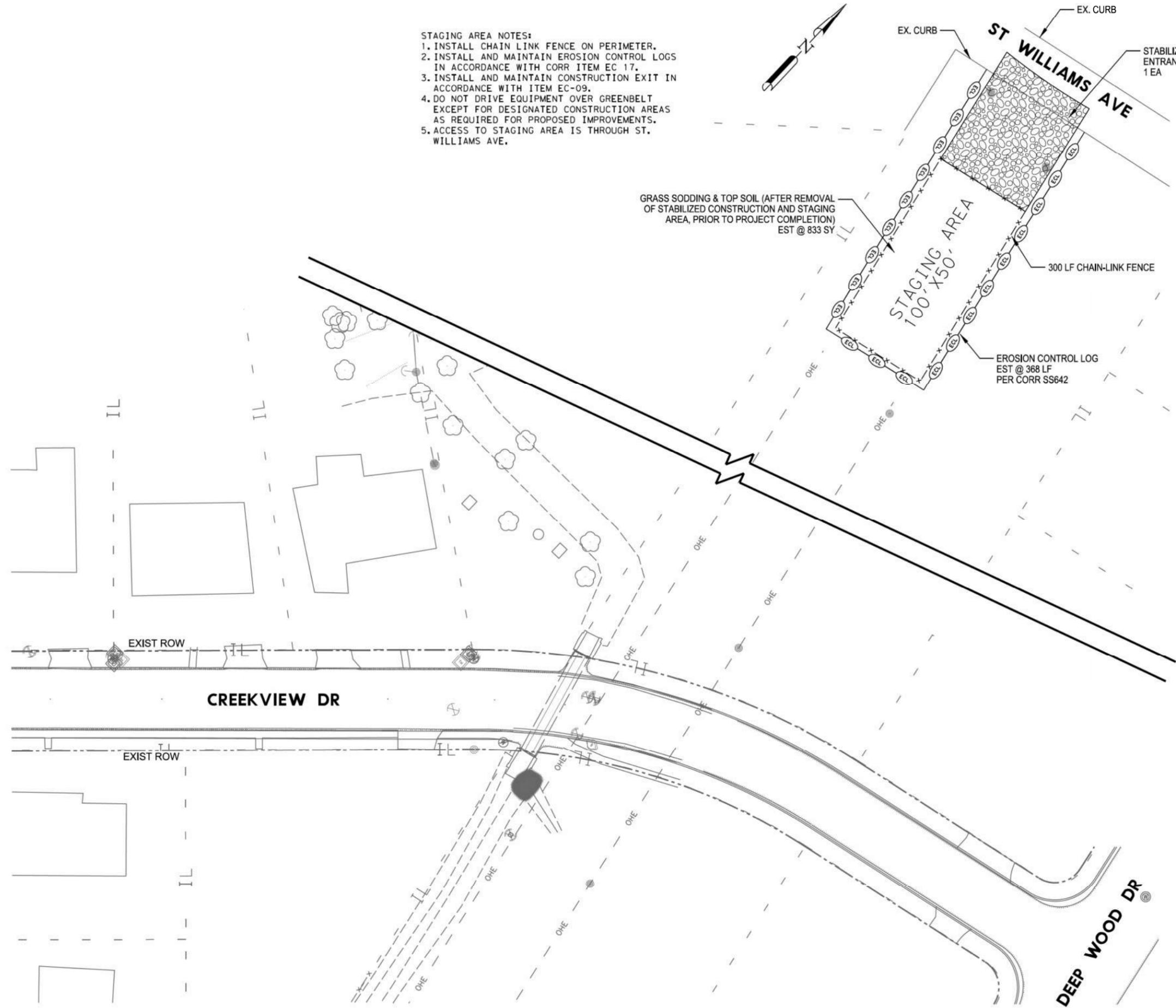
CITY OF ROUND ROCK, TEXAS  
UTILITIES AND ENVIRONMENTAL  
SERVICES DEPARTMENT  
FEDERICO SANCHEZ, P. E.

DATE

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN ACCEPTING THESE PLANS, THE CITY OF ROUND ROCK MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

- STAGING AREA NOTES:**
1. INSTALL CHAIN LINK FENCE ON PERIMETER.
  2. INSTALL AND MAINTAIN EROSION CONTROL LOGS IN ACCORDANCE WITH CORR ITEM EC 17.
  3. INSTALL AND MAINTAIN CONSTRUCTION EXIT IN ACCORDANCE WITH ITEM EC-09.
  4. DO NOT DRIVE EQUIPMENT OVER GREENBELT EXCEPT FOR DESIGNATED CONSTRUCTION AREAS AS REQUIRED FOR PROPOSED IMPROVEMENTS.
  5. ACCESS TO STAGING AREA IS THROUGH ST. WILLIAMS AVE.

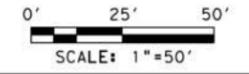
GRASS SODDING & TOP SOIL (AFTER REMOVAL OF STABILIZED CONSTRUCTION AND STAGING AREA, PRIOR TO PROJECT COMPLETION) EST @ 833 SY



NUMBER	DATE	REVISION	APPROVED

**LEGEND**

- EXISTING R.O.W.
- - - EXISTING UTILITY
- - - EXISTING PLANIMETRICS
- ← DITCH FLOWLINE
- PROPOSED DRAINAGE
- (ECL) PROPOSED EROSION CONTROL LOGS
- (RFD) PROPOSED ROCK FILTER DAM
- [LOC] PROPOSED LIMITS OF CONSTRUCTION
- TREE TO REMAIN - PROTECTED
- TREE TO BE REMOVED
- ▭ PROPOSED TOPSOIL & SOD



*Roberto Erazo, Jr.*

06/08/2023



**LJA Engineering, Inc.**  
FRN-F-1386

**GREENBELT  
EROSION CONTROL &  
TREE PROTECTION  
STAGING AREA**

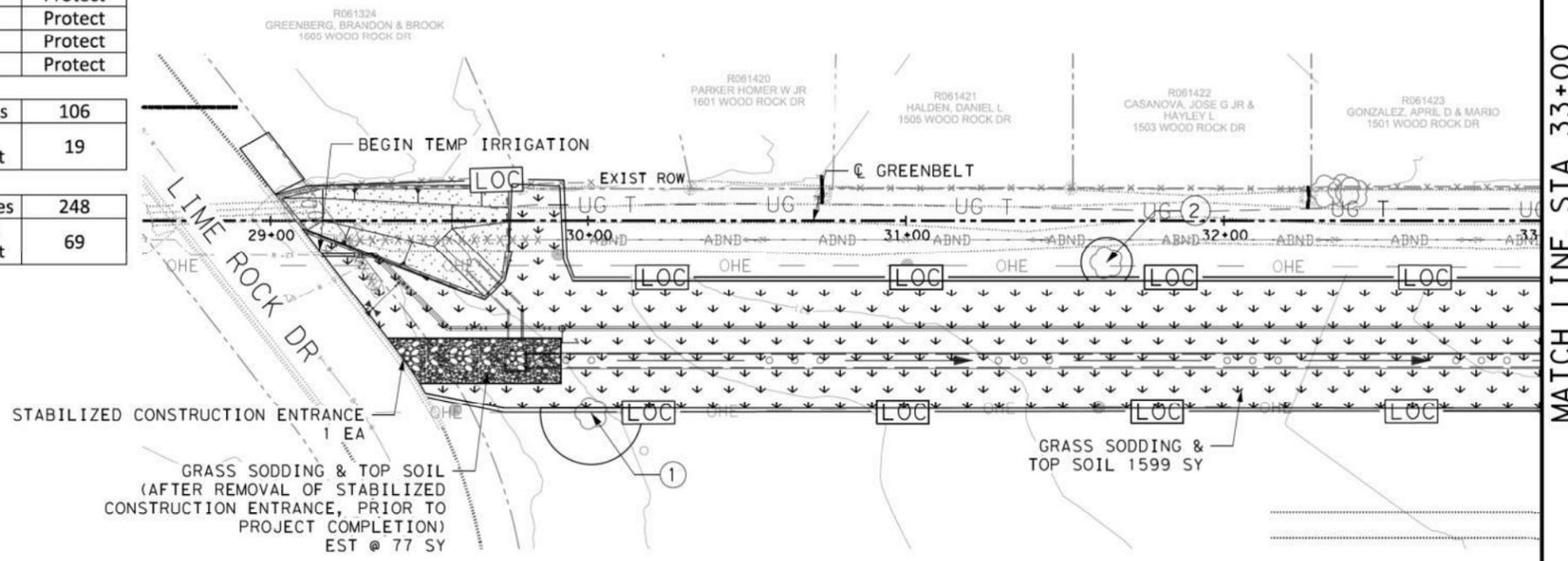
SHEET 1 OF 3

PROJECT NO:	SHEET NO.
DESIGNED: MH	8
DRAWN: MH	
CHECKED: RE	

100% SUBMITTAL

TREE #	DIA. (in)	SPECIES	ACTION
1	16	Multi-Tree	Protect
2	16	Arizona Ash	Protect
3	11	Cedar Elm	Remove
4	11	Tree	Protect
5	9	Cedar Elm	Protect
6	9	Netleaf	Protect
7	4	Netleaf	Remove
8	4	Netleaf	Remove
9	9	Cedar Elm	Protect
10	12	Lacey Oak	Protect
11	10	Lacey Oak	Protect
12	14	Cedar Elm	Protect

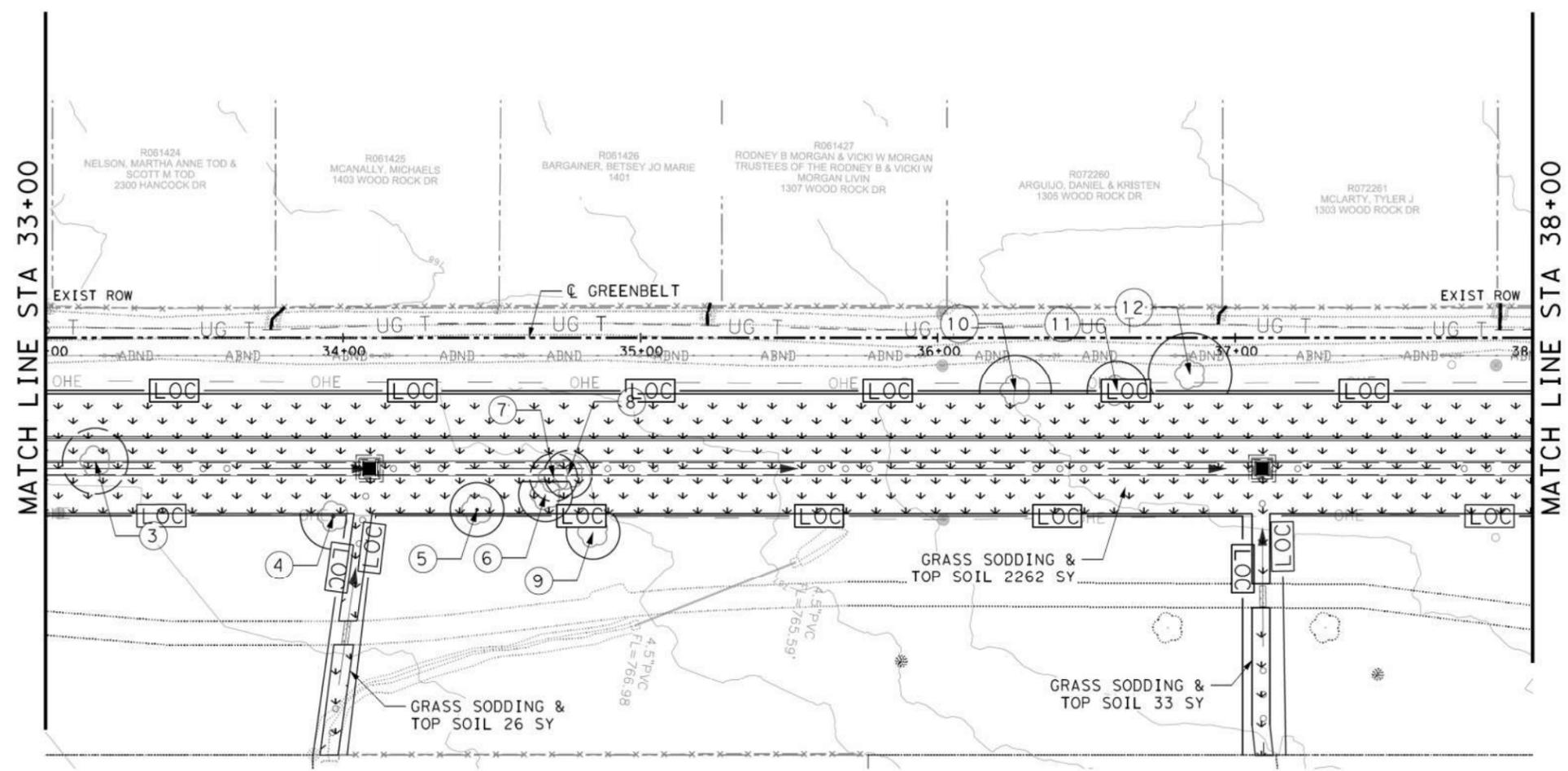
Sheet Total (in) protected trees	106
Sheet Total (in) that may be removed without replacement	19
Project Total (in) protected trees	248
Project Total (in) that may be removed without replacement	69



NUMBER	DATE	REVISION	APPROVED

- LEGEND**
- EXISTING R.O.W.
  - - - EXISTING UTILITY
  - EXISTING PLANIMETRICS
  - DITCH FLOWLINE
  - PROPOSED DRAINAGE
  - (ECL) PROPOSED EROSION CONTROL LOGS
  - (RFD) PROPOSED ROCK FILTER DAM
  - (LOC) PROPOSED LIMITS OF CONSTRUCTION
  - TREE TO REMAIN - PROTECTED
  - TREE TO BE REMOVED
  - PROPOSED TOPSOIL & SOD

- NOTES:**
- CONTRACTOR TO PROVIDE TEMPORARY IRRIGATION, ALONG LIMITS SPECIFIED ON PLANS, UNTIL VEGETATION IS ESTABLISHED.



STATE OF TEXAS  
**ROBERTO ERAZO, JR.**  
 123437  
 LICENSED PROFESSIONAL ENGINEER  
*Roberto Erazo Jr.*  
 06/08/2023



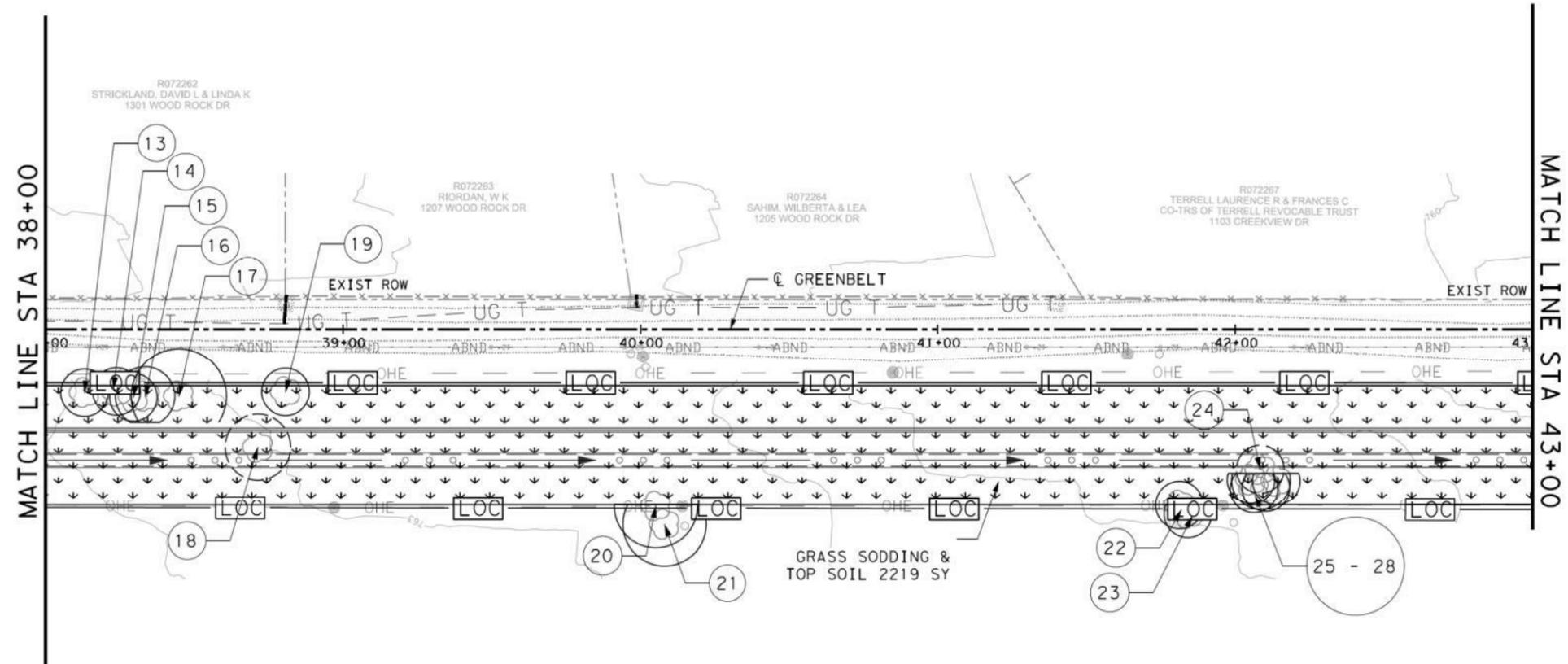
**LJA Engineering, Inc.**  
 FRN-F-1386

**GREENBELT  
 EROSION CONTROL &  
 TREE PROTECTION**  
 BEGIN TO STA 40+00

PROJECT NO:	SHEET NO.
DESIGNED: MH	9
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CHECKED: RE	

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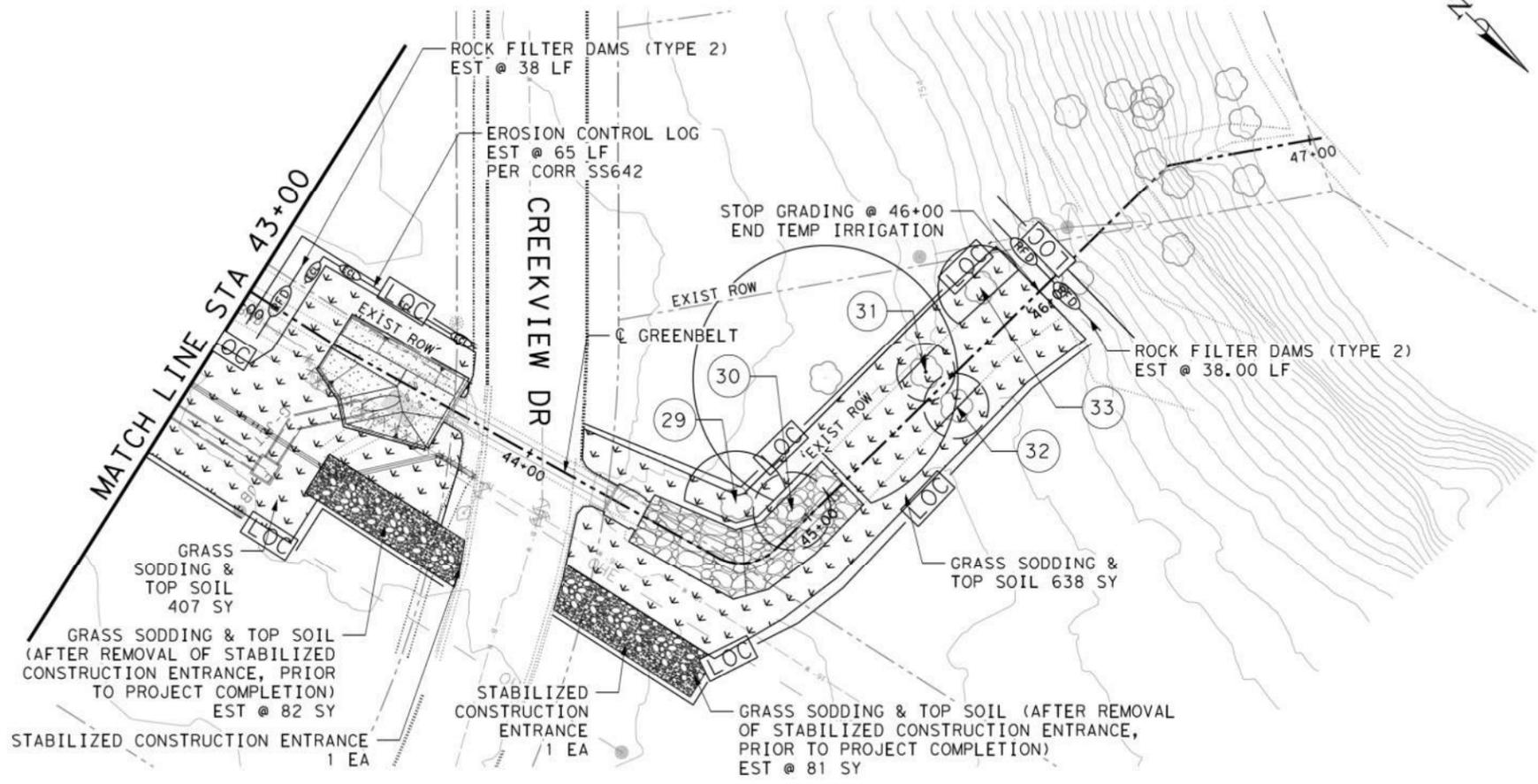


**LEGEND**

- EXISTING R.O.W.
- - - EXISTING UTILITY
- ..... EXISTING PLANIMETRICS
- DITCH FLOWLINE
- PROPOSED DRAINAGE
- (ECL) PROPOSED EROSION CONTROL LOGS
- (RFD) PROPOSED ROCK FILTER DAM
- (LOC) PROPOSED LIMITS OF CONSTRUCTION
- TREE TO REMAIN - PROTECTED
- TREE TO BE REMOVED
- PROPOSED TOPSOIL & SOD

**NOTES:**

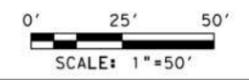
- CONTRACTOR TO PROVIDE TEMPORARY IRRIGATION, ALONG LIMITS SPECIFIED ON PLANS, UNTIL VEGETATION IS ESTABLISHED.



TREE #	DIA. (in)	SPECIES	ACTION
13	6	Rough Leaf	Protect
14	5	Carolina	Protect
15	5	Carolina	Protect
16	10	Texas Red	Protect
17	16	Texas Red	Protect
18	11	Tree	Remove
19	7	Carolina Buckthorn	Protect
20	14	Hackberry	Protect
21	14	Hackberry	Protect
22	5	Hackberry	Protect
23	5	Hackberry	Protect
24	8	Hackberry	Remove
25	8	Hackberry	Protect
26	8	Hackberry	Protect
27	5	Hackberry	Protect
28	5	Hackberry	Protect
29	16	Osage Orange	Protect
30	12	Pecan	Remove
31	9	Boxelder	Remove
32	10	Cedar Elm	Remove
33	13	Pin Oak	Protect

Sheet Total (in) protected trees	142
Sheet Total (in) that may be removed without replacement	50

Project Total (in) protected trees	248
Project Total (in) that may be removed without replacement	69



*Roberto Erazo Jr.* 06/08/2023



**LJA Engineering, Inc.**  
FRN-F-1386

**GREENBELT  
EROSION CONTROL &  
TREE PROTECTION**  
STA 40+00 TO END

PROJECT NO:	SHEET NO.
DESIGNED: MH	10
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RATIONAL METHOD

AREA ID	AREA (AC)	AREA TIME OF CONC	AREA C-VALUE	25 YR		100 YR	
				INTENSITY (IN/HR)	DISCHARGE (CFS)	INTENSITY (IN/HR)	DISCHARGE (CFS)
A1	9.01	14	0.57	7.79	40	10.31	53
A2	31.97	17	0.55	7.22	127	9.50	167
A3	51.74	24	0.54	5.94	167	7.80	219

NUMBER	DATE	REVISION	APPROVED

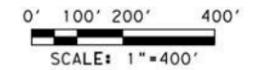
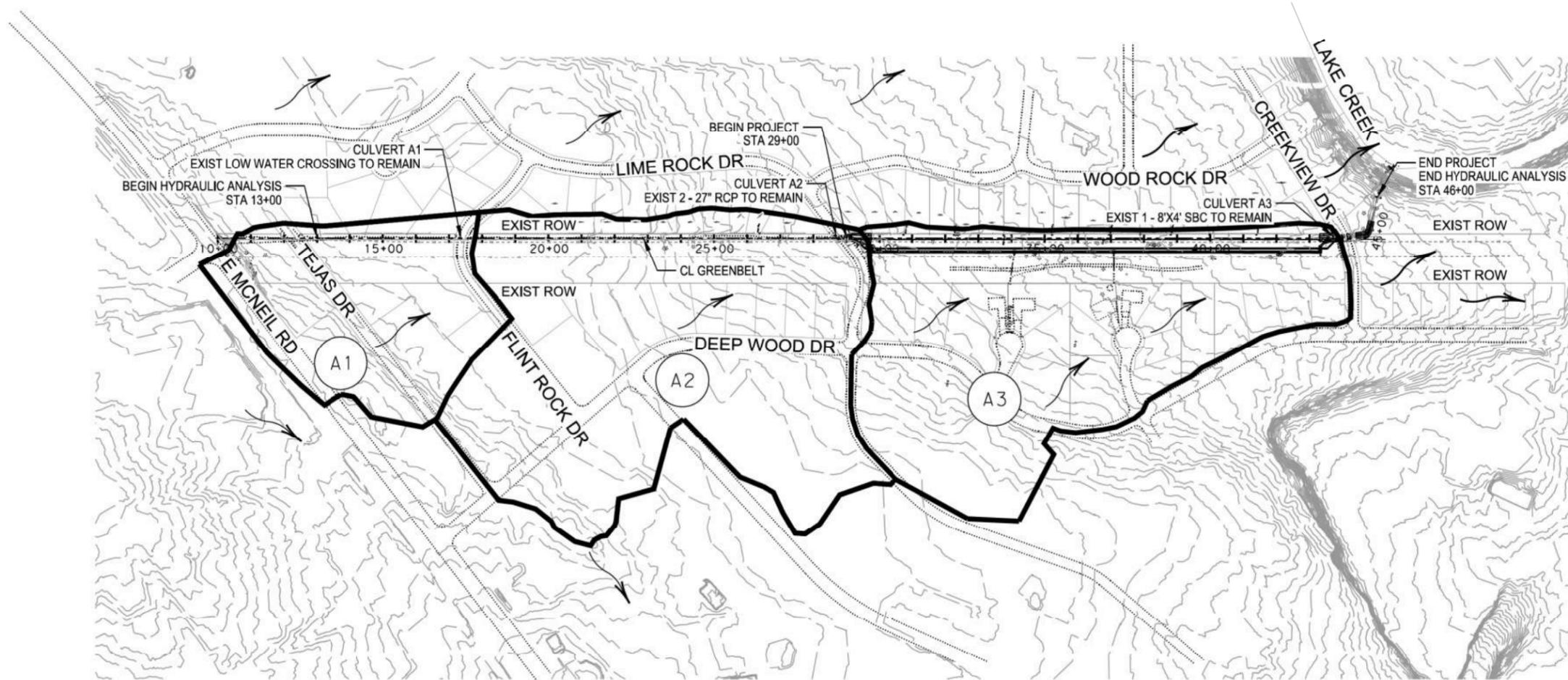


LEGEND

- (XX) DRAINAGE AREA ID
- PARCEL BOUNDARY LINES
- - - EXISTING ROW
- INTERNAL DRAINAGE AREA BOUNDARY
- EXTERNAL DRAINAGE AREA BOUNDARY
- FLOW DIRECTION ARROW
- PROPOSED STORM SEWER SYSTEM

AREA NOTES:

1. AREA HYDROLOGY WAS CALCULATED IN GEOPAK DRAINAGE USING THE RATIONAL METHOD.
2. ROUND ROCK RAIN LAKE CREEK WATERSHED DATA USED AS SOURCE FOR INTENSITIES.
3. SEE HYDRAULIC DATA SHEETS FOR DRAINAGE AREA CALCULATIONS.
4. CHANNEL HYDRAULIC ANALYSIS BEGINS AT STA 13+00. PROJECT WORK BEGINS AT STA 29+00.



06/08/2023

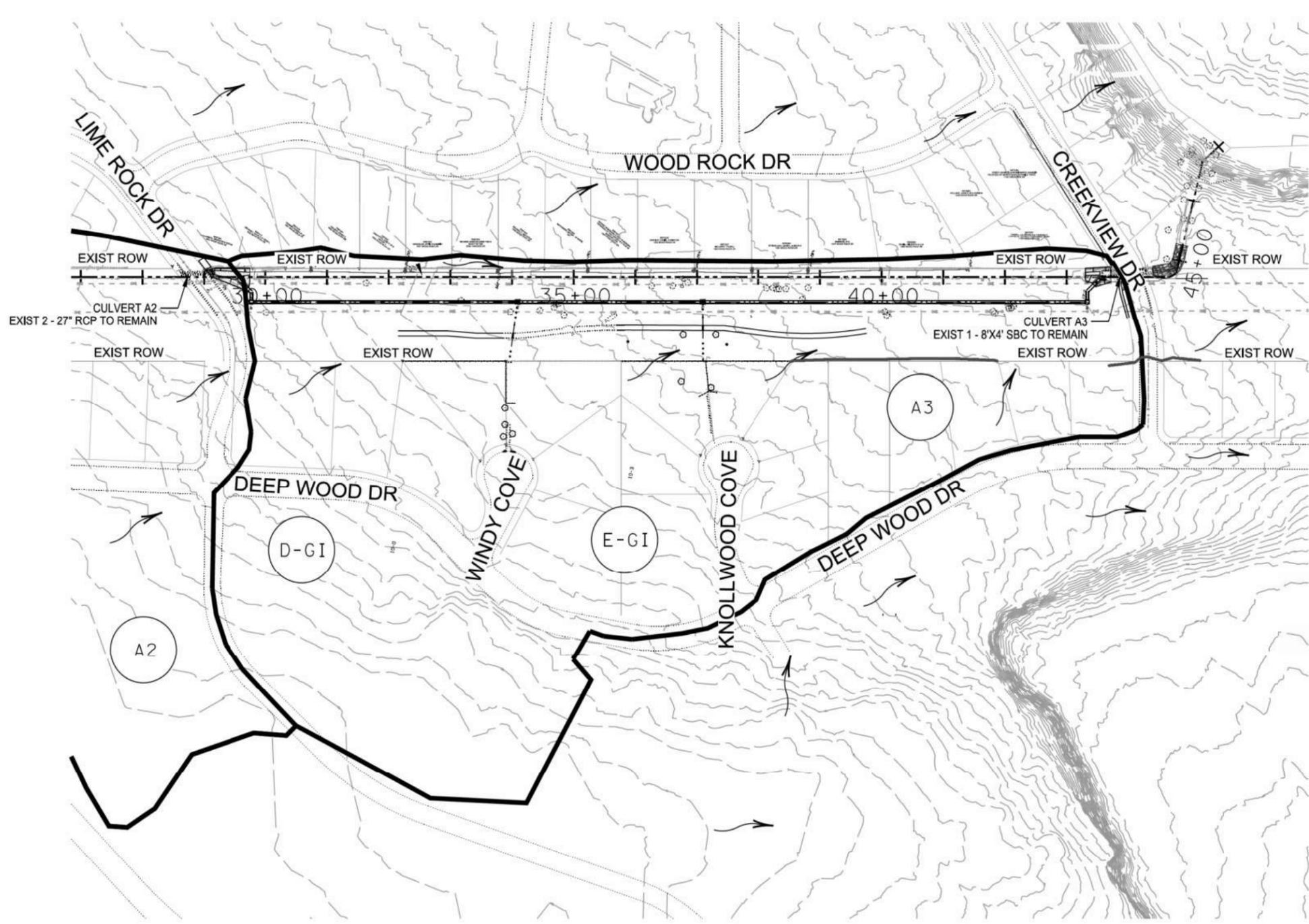


GREENBELT  
EXTERNAL DRAINAGE  
AREA LAYOUT

SHEET 1 OF 1

PROJECT NO:	SHEET NO.  11
DESIGNED: HV	
DRAWN: HV	
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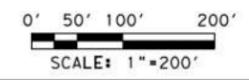
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**LEGEND**

- (XX) DRAINAGE AREA ID
- PARCEL BOUNDARY LINES
- - - EXISTING ROW
- — — INTERNAL DRAINAGE AREA BOUNDARY
- — — EXTERNAL DRAINAGE AREA BOUNDARY
- FLOW DIRECTION ARROW
- — — PROPOSED STORM SEWER SYSTEM

- AREA NOTES:**
1. AREA HYDROLOGY WAS CALCULATED IN GEOPAK DRAINAGE USING THE RATIONAL METHOD.
  2. ROUND ROCK RAIN LAKE CREEK WATERSHED DATA USED AS SOURCE FOR INTENSITIES.
  3. SEE HYDRAULIC DATA SHEETS FOR DRAINAGE AREA CALCULATIONS.



06/08/2023



**LJA Engineering, Inc.**  
FRN - F-1386

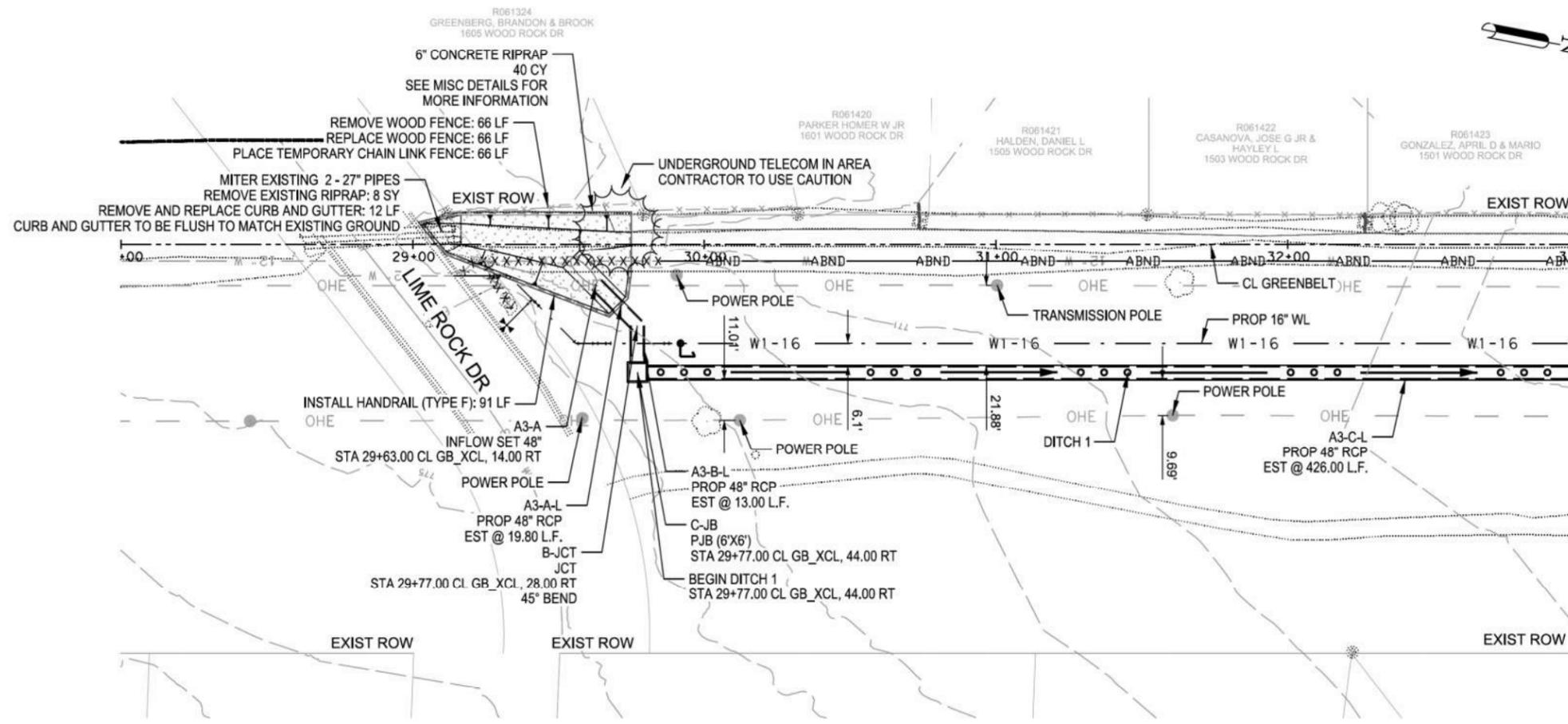
**GREENBELT  
INTERNAL DRAINAGE  
AREA LAYOUT**

SHEET 1 OF 1

PROJECT NO:	SHEET NO.  12
DESIGNED: HV	
DRAWN: HV	
CHECKED: RE	

100% SUBMITTAL

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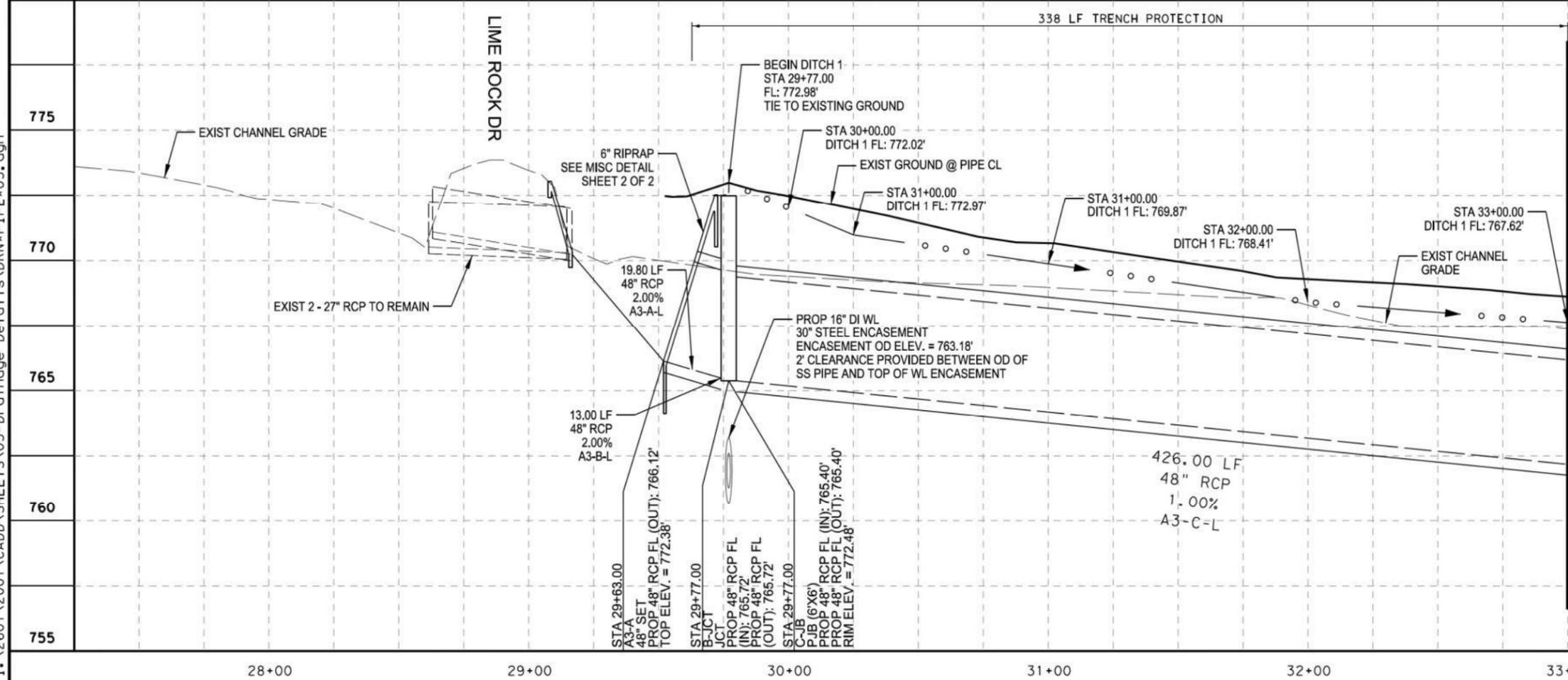
MATCH LINE STA 33+00

NUMBER	DATE	REVISION	APPROVED

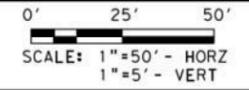
**LEGEND**

- EXISTING R.O.W.
- OHE — EXISTING OHE
- 12" W — EXISTING 12" WATER
- UGT — EXISTING ATT TELECOM
- EXISTING POWER POLE
- W1-16 — PROP 16" WATER
- PROPOSED DRAINAGE
- PROPOSED DITCH
- PROPOSED JUNCTION BOX
- PROPOSED PAZD INLET WITH UPSIZED JB
- ▨ PROPOSED ROCK RIPRAP
- ▩ PROPOSED CONCRETE RIPRAP

- NOTES:**
1. ALL RCP ARE TO BE CLASS III UNLESS OTHERWISE NOTED.
  2. CONTRACTOR TO VERIFY ALL EXISTING UTILITIES.
  3. UNDERGROUND BOULDERS OBSERVED WITHIN PROJECT LIMITS. CONTRACTOR TO SAWCUT AND REMOVE AS NEEDED. SUBSIDIARY TO TRENCH/PIPE EXCAVATION.
  4. INLET APRON CONSIDERED SUBSIDIARY TO INLET INSTALLATION. SEE PAZD STANDARD DETAIL A FOR ADDITIONAL INFORMATION.



MATCH LINE STA 33+00



*Robert Erazo Jr.* 06/08/2023



**LJA Engineering, Inc.**  
FRN-F-1386

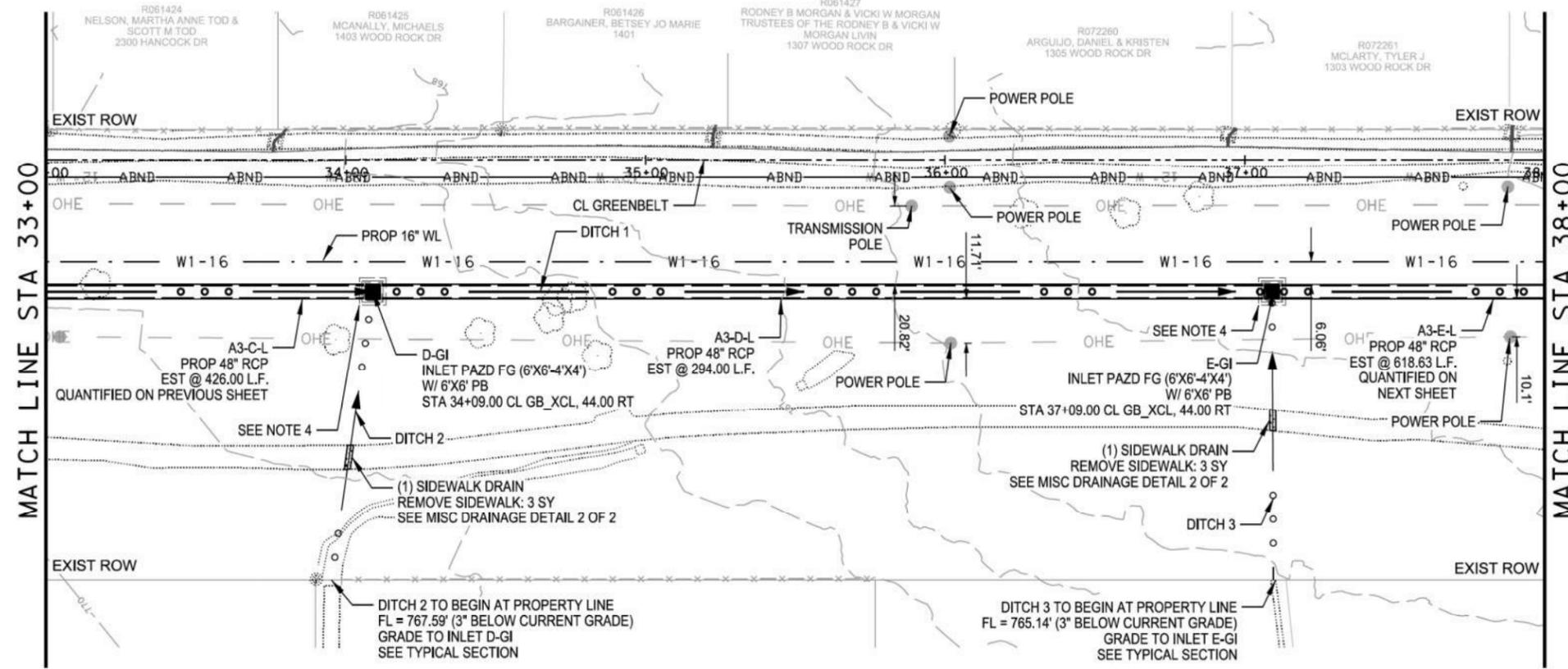
**GREENBELT  
STORM DRAIN  
PLAN & PROFILE  
BEGIN TO STA 33+00**

SHEET 1 OF 4

755	PROJECT NO:	SHEET NO. 19
	DESIGNED: HV	
	DRAWN: HV	
CHECKED: RE		

100% SUBMITTAL

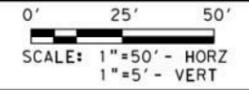
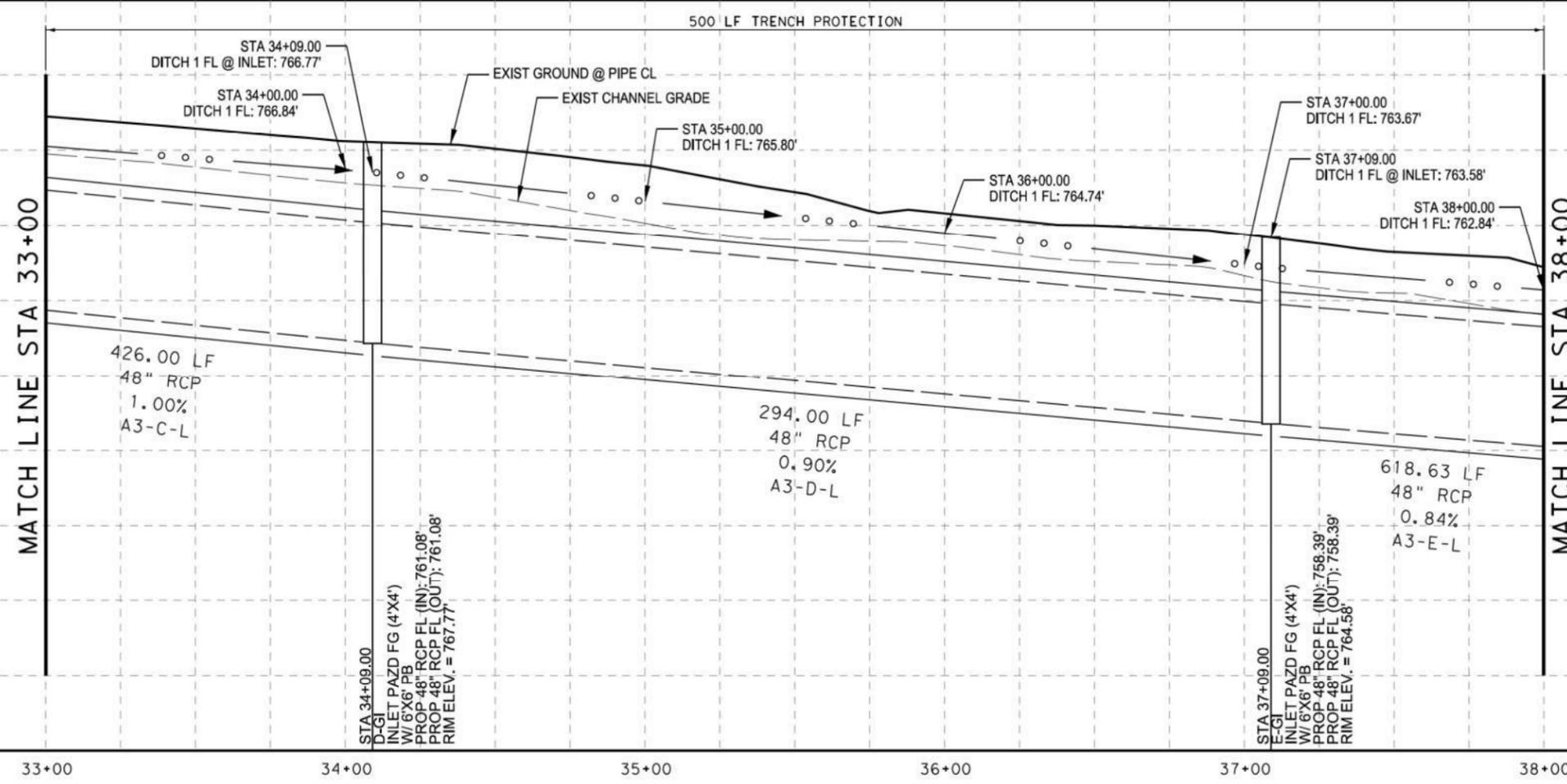
NUMBER	DATE	REVISION	APPROVED



**LEGEND**

- EXISTING R.O.W.
- OHE — EXISTING OHE
- 12" W — EXISTING 12" WATER
- UGT — EXISTING ATT TELECOM
- EXISTING POWER POLE
- W1-16 — PROP 16" WATER
- — PROPOSED DRAINAGE
- PROPOSED DITCH
- PROPOSED JUNCTION BOX
- PROPOSED PAZD INLET WITH UPSIZED JB
- ▨ PROPOSED ROCK RIPRAP
- ▩ PROPOSED CONCRETE RIPRAP

- NOTES:**
1. ALL RCP ARE TO BE CLASS III UNLESS OTHERWISE NOTED.
  2. CONTRACTOR TO VERIFY ALL EXISTING UTILITIES.
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*Roberto Erazo, Jr.* 06/08/2023



**LJA Engineering, Inc.**  
FRN-F-1386

**GREENBELT  
STORM DRAIN  
PLAN & PROFILE  
STA 33+00 TO STA 38+00**

SHEET 2 OF 4

PROJECT NO:	SHEET NO.
DESIGNED: HV	20
DRAWN: HV	
CHECKED: RE	

6/8/2023 2:27:23 PM I:\2601\2001\CADD\SHEETS\05-Drainage Details\DRN\*PIPE\*06.dgn

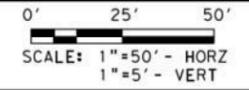
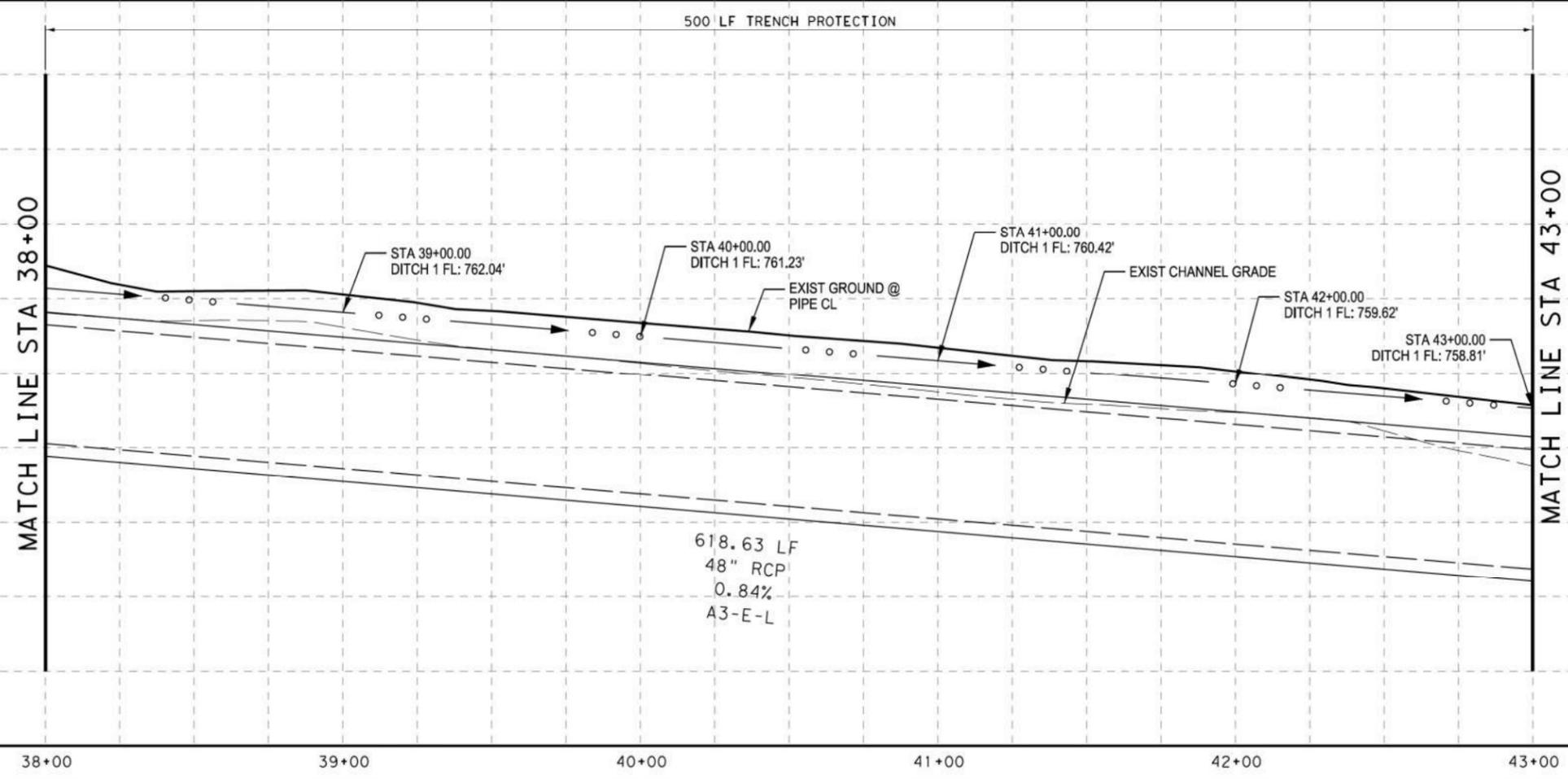
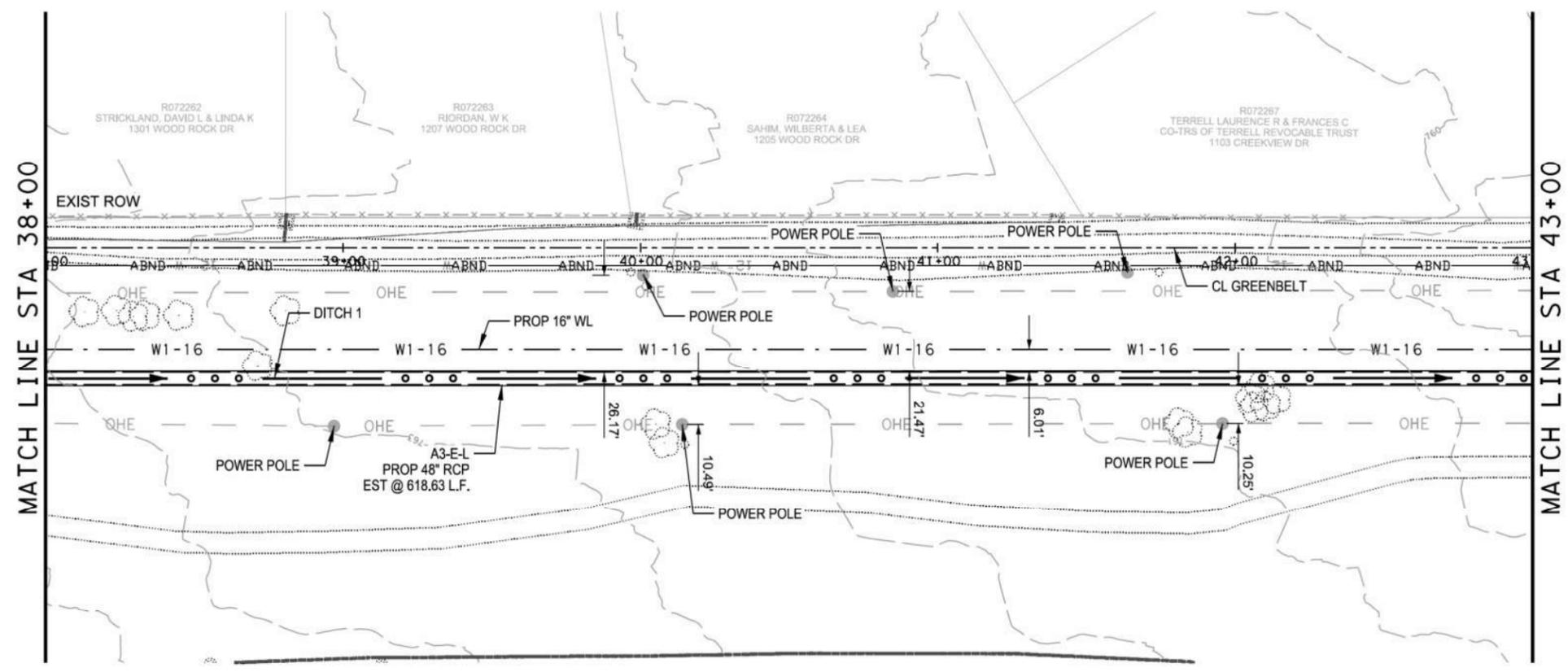
NUMBER	DATE	REVISION	APPROVED



**LEGEND**

- EXISTING R.O.W.
- OHE — EXISTING OHE
- 12" W — EXISTING 12" WATER
- UGT — EXISTING ATT TELECOM
- EXISTING POWER POLE
- W1-16 — PROP 16" WATER
- PROPOSED DRAINAGE
- PROPOSED DITCH
- PROPOSED JUNCTION BOX
- PROPOSED PAZD INLET WITH UPSIZED JB
- ▨ PROPOSED ROCK RIPRAP
- ▩ PROPOSED CONCRETE RIPRAP

- NOTES:**
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  - UNDERGROUND BOULDERS OBSERVED WITHIN PROJECT LIMITS. CONTRACTOR TO SAWCUT AND REMOVE AS NEEDED. SUBSIDIARY TO TRENCH/PIPE EXCAVATION.
  - INLET APRON CONSIDERED SUBSIDIARY TO INLET INSTALLATION. SEE PAZD STANDARD DETAIL A FOR ADDITIONAL INFORMATION.



*Roberto Erazo, Jr.* 06/08/2023



**LJA Engineering, Inc.**  
FRN - F-1386

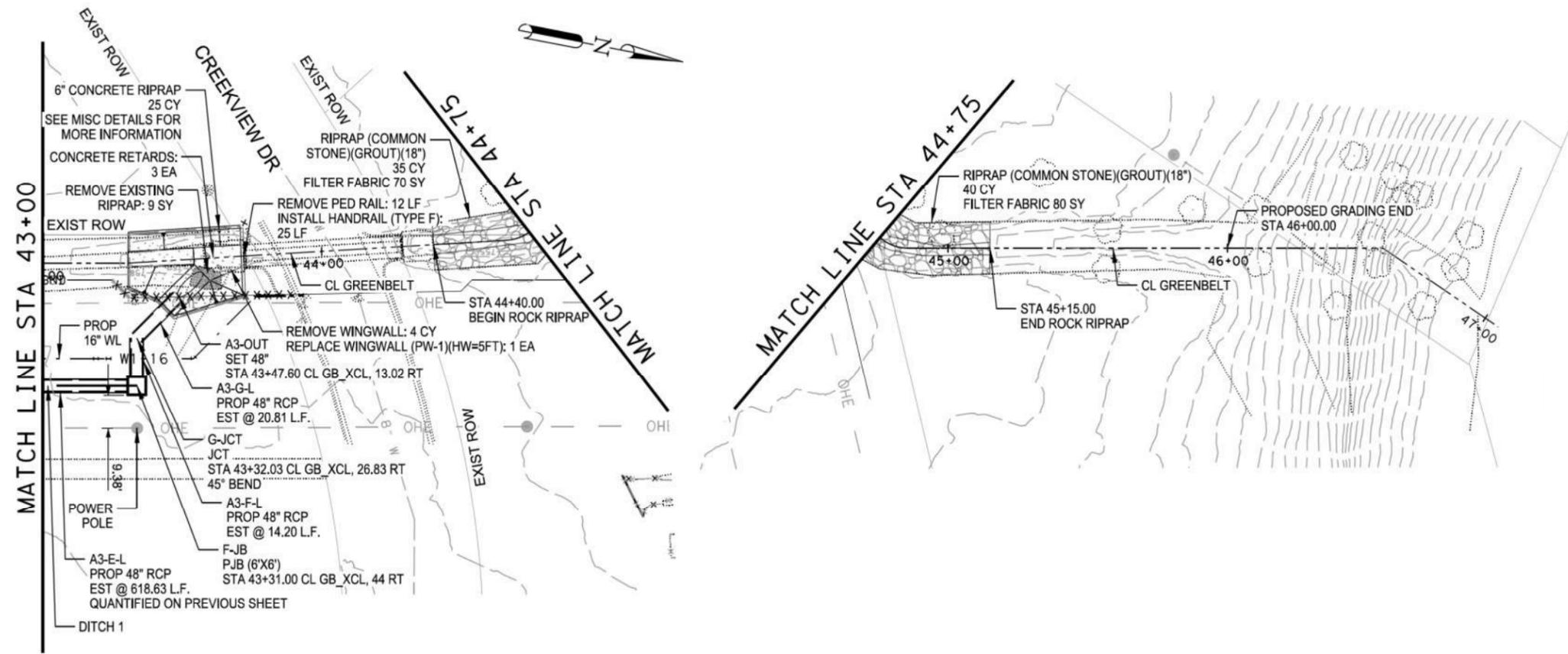
**GREENBELT  
STORM DRAIN  
PLAN & PROFILE  
STA 38+00 TO STA 43+00**

SHEET 3 OF 4

PROJECT NO:	SHEET NO.
DESIGNED: HV	21
DRAWN: HV	
CHECKED: RE	

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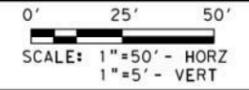
NUMBER	DATE	REVISION	APPROVED



**LEGEND**

- EXISTING R.O.W.
- OHE — EXISTING OHE
- 12" W — EXISTING 12" WATER
- UGT — EXISTING ATT TELECOM
- EXISTING POWER POLE
- W1-16 — PROP 16" WATER
- — PROPOSED DRAINAGE
- PROPOSED DITCH
- PROPOSED JUNCTION BOX
- PROPOSED PAZD INLET WITH UPSIZED JB
- ▨ PROPOSED ROCK RIPRAP
- ▩ PROPOSED CONCRETE RIPRAP

- NOTES:**
- ALL RCP ARE TO BE CLASS III UNLESS OTHERWISE NOTED.
  - CONTRACTOR TO VERIFY ALL EXISTING UTILITIES.
  - UNDERGROUND BOULDERS OBSERVED WITHIN PROJECT LIMITS. CONTRACTOR TO SAWCUT AND REMOVE AS NEEDED. SUBSIDIARY TO TRENCH/PIPE EXCAVATION.
  - INLET APRON CONSIDERED SUBSIDIARY TO INLET INSTALLATION. SEE PAZD STANDARD DETAIL A FOR ADDITIONAL INFORMATION.



*Roberto Erazo Jr.* 06/08/2023

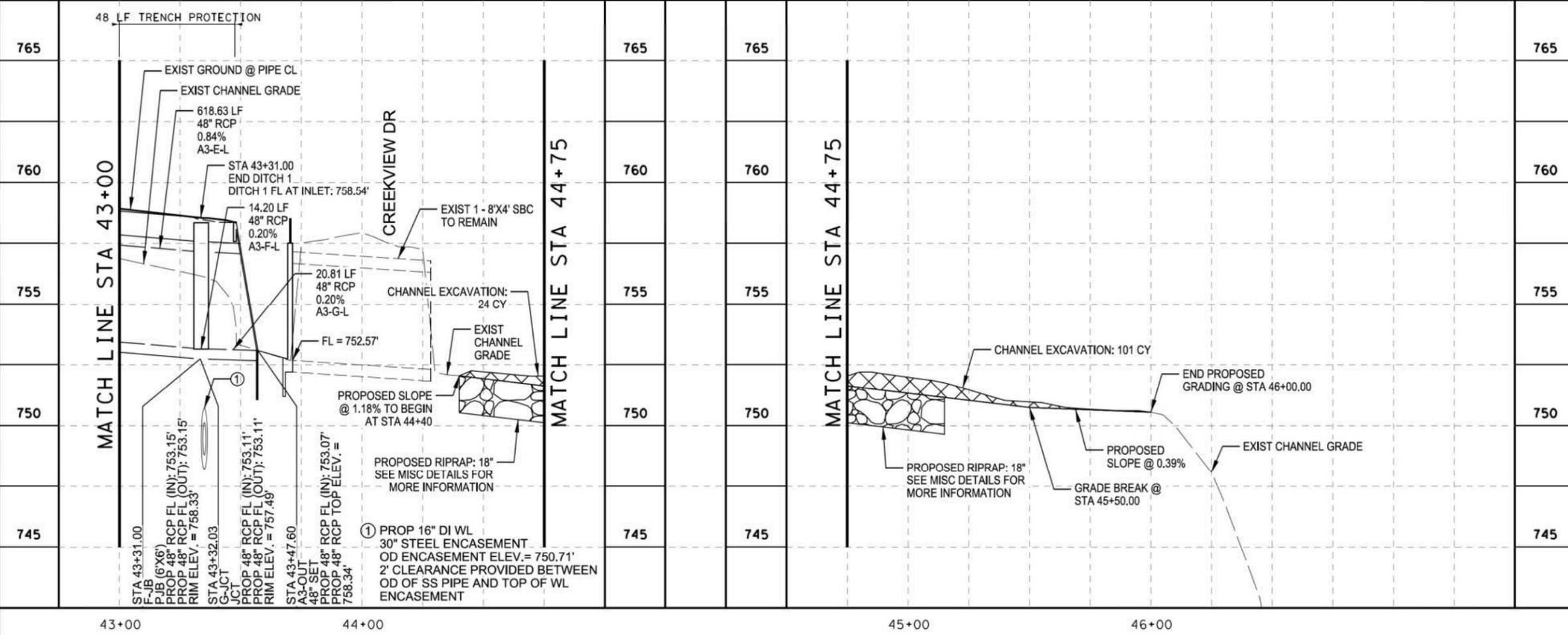


**LJA Engineering, Inc.**  
FRN-F-1386

**GREENBELT  
STORM DRAIN  
PLAN & PROFILE**  
STA 43+00 TO END

SHEET 4 OF 4

PROJECT NO:	SHEET NO.
DESIGNED: HV	22
DRAWN: HV	
CHECKED: RE	



48 LF TRENCH PROTECTION

EXIST GROUND @ PIPE CL

EXIST CHANNEL GRADE

618.63 LF 48" RCP 0.84% A3-E-L

STA 43+31.00 END DITCH 1

DITCH 1 FL AT INLET: 758.54'

14.20 LF 48" RCP 0.20% A3-F-L

20.81 LF 48" RCP 0.20% A3-G-L

FL = 752.57'

CHANNEL EXCAVATION: 24 CY

EXIST CHANNEL GRADE

EXIST 1 - 8'X4' SBC TO REMAIN

CREEKVIEW DR

PROPOSED SLOPE @ 1.18% TO BEGIN AT STA 44+40

PROPOSED RIPRAP: 18" SEE MISC DETAILS FOR MORE INFORMATION

① PROP 16" DI WL 30" STEEL ENCASEMENT OD ENCASEMENT ELEV. = 750.71' 2' CLEARANCE PROVIDED BETWEEN OD OF SS PIPE AND TOP OF WL ENCASEMENT

STA 43+31.00 F-JB (6'X6') RCP FL (IN): 753.15' PROP 48" RCP FL (OUT): 753.15' RIM ELEV. = 758.33'

STA 43+32.03 G-JCT JCT PROP 48" RCP FL (IN): 753.11' PROP 48" RCP FL (OUT): 753.11' RIM ELEV. = 757.49'

STA 43+47.60 A3-OUT 48" SE 1/4" RCP FL (IN): 753.07' PROP 48" RCP FL (OUT): 758.34'

MATCH LINE STA 44+75

CHANNEL EXCAVATION: 101 CY

END PROPOSED GRADING @ STA 46+00.00

PROPOSED RIPRAP: 18" SEE MISC DETAILS FOR MORE INFORMATION

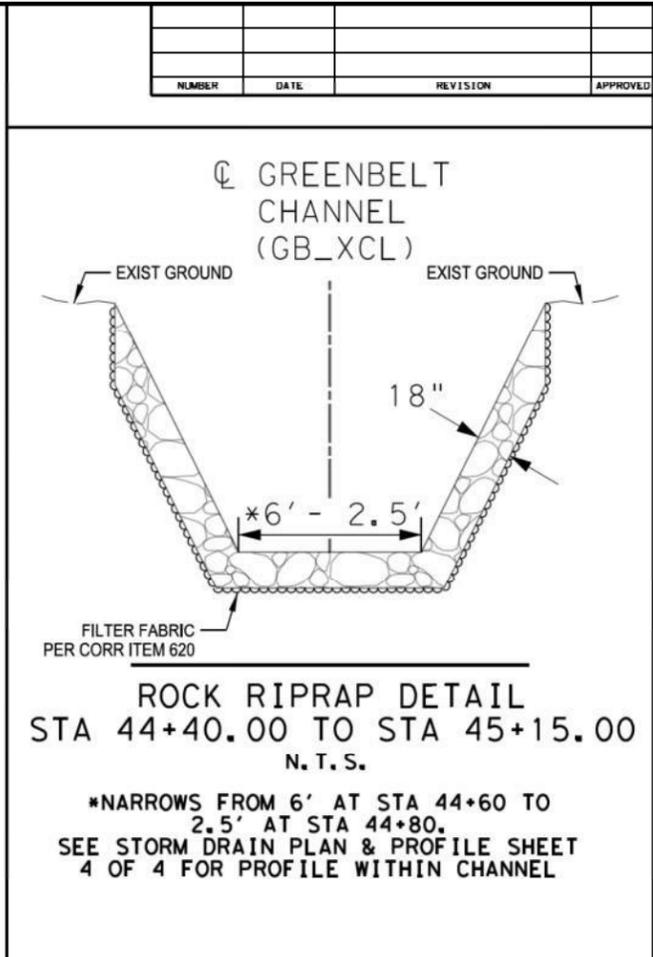
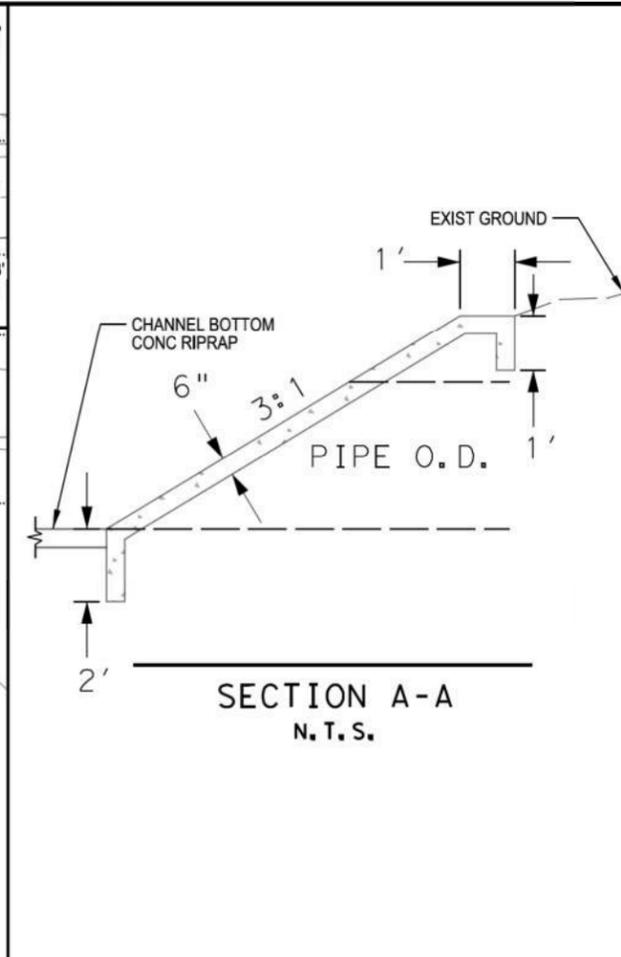
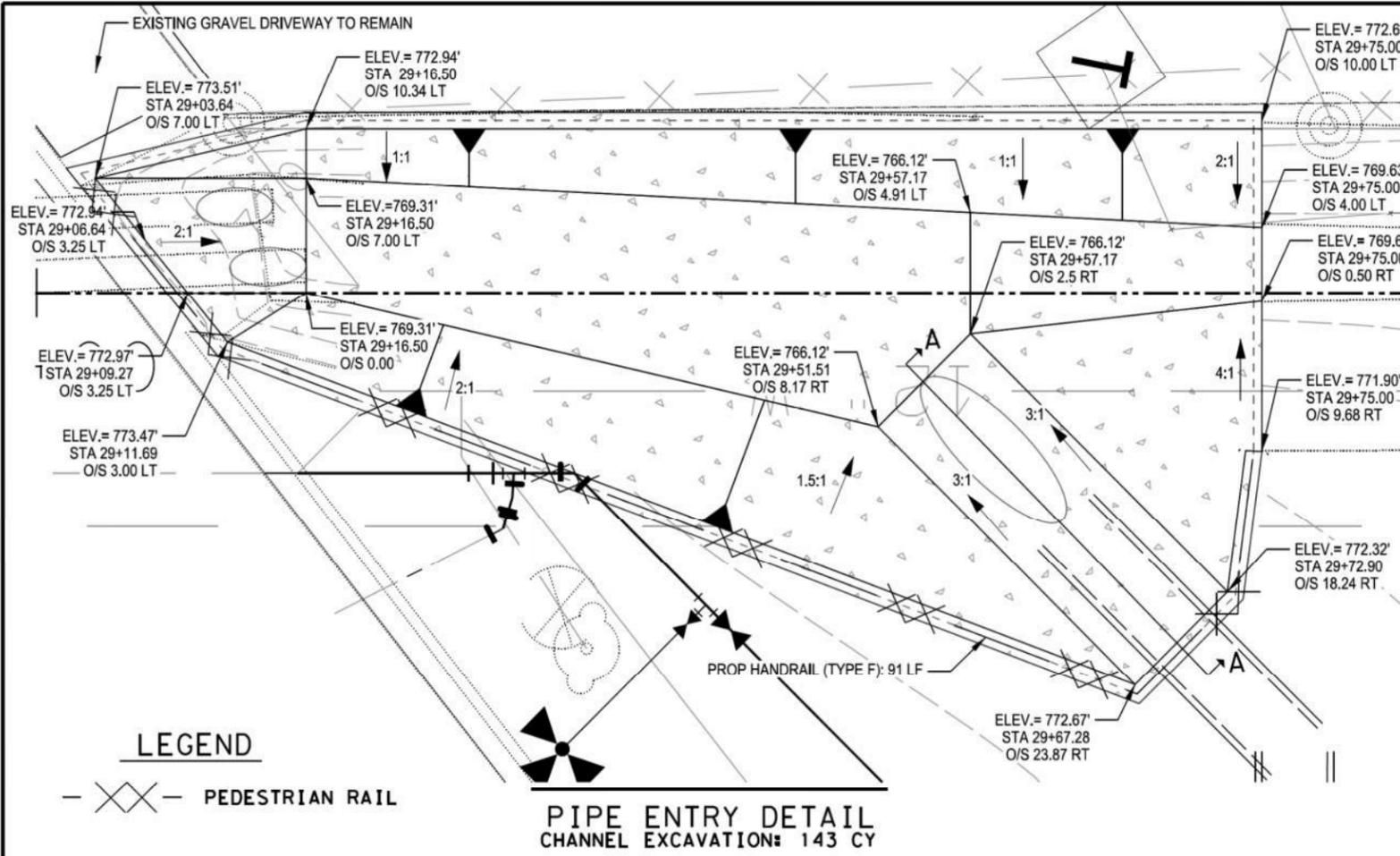
PROPOSED SLOPE @ 0.39%

EXIST CHANNEL GRADE

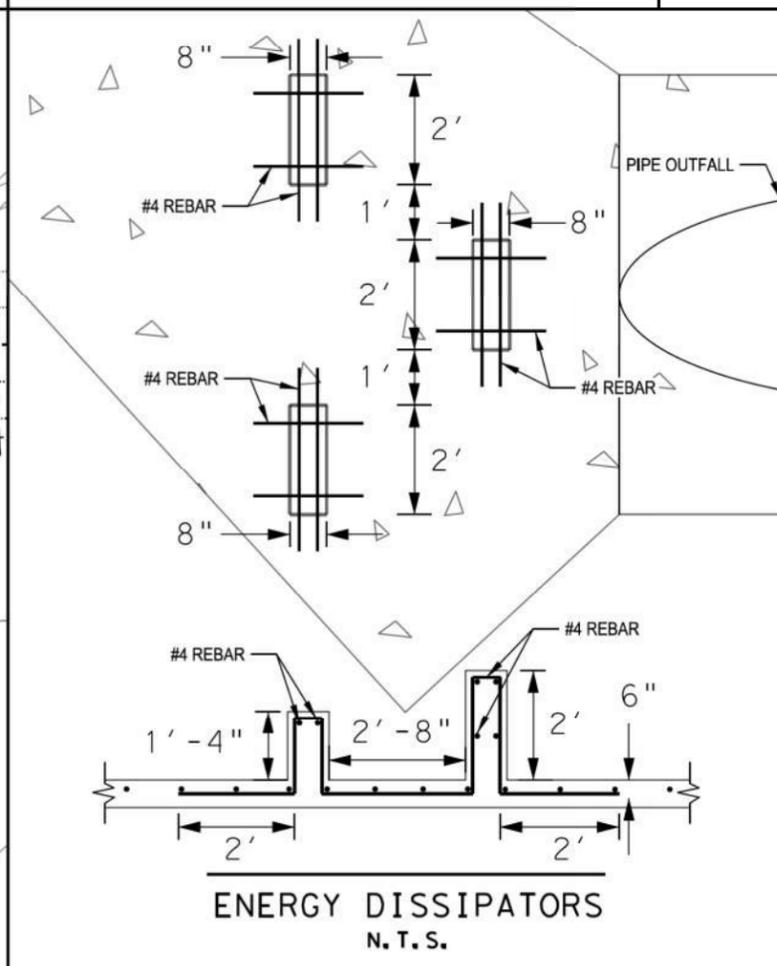
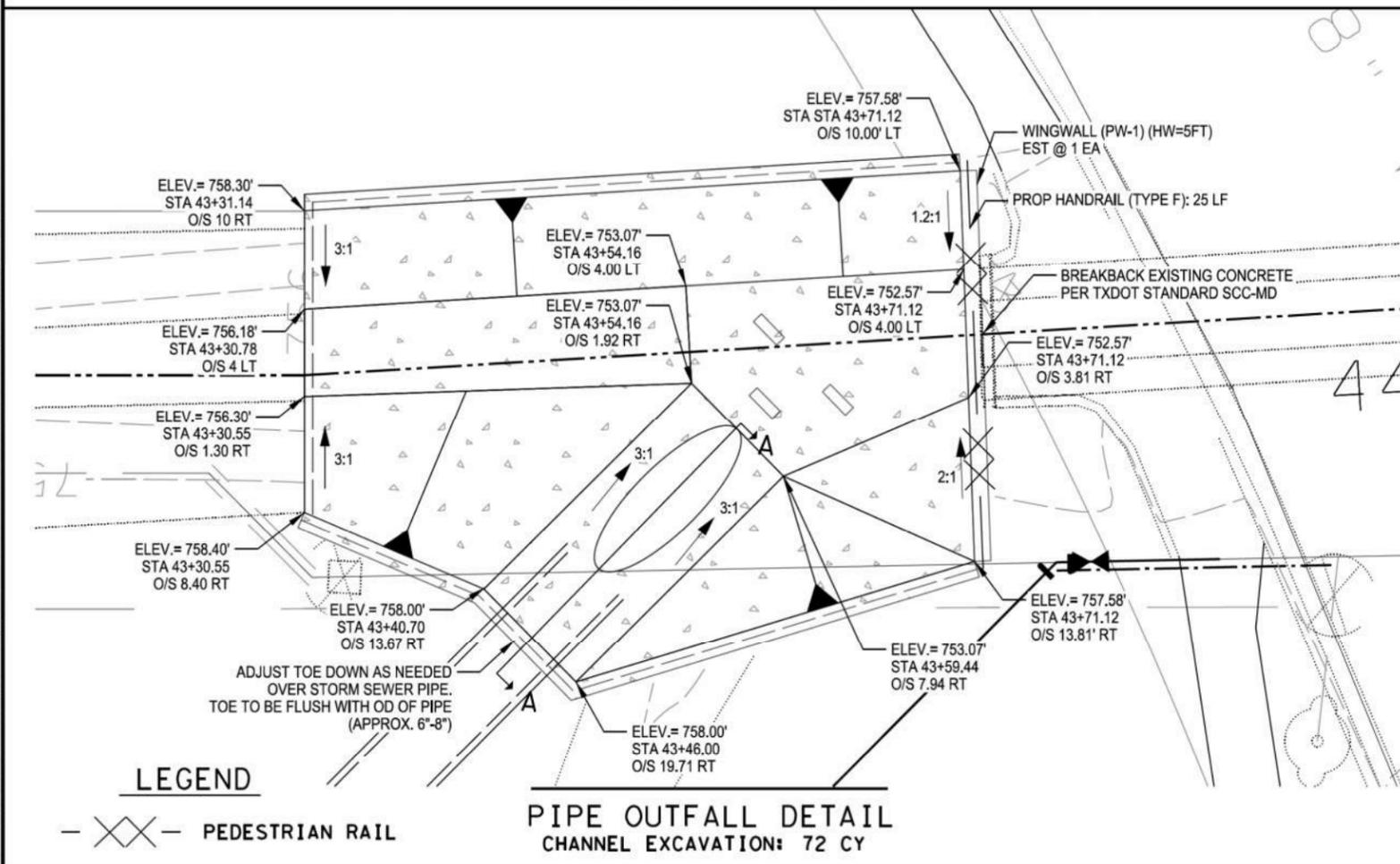
GRADE BREAK @ STA 45+50.00

43+00 44+00 45+00 46+00

100% SUBMITTAL



NUMBER	DATE	REVISION	APPROVED



06/08/2023

**LJA Engineering, Inc.**

FRN-F-1386

**GREENBELT MISC. DRAINAGE DETAILS**

PROJECT NO:	SHEET NO. 23
DESIGNED: HV	
DRAWN: HV	
CHECKED: RE	

SHEET 1 OF 2

6/8/2023 2:27:30 PM I:\2601\2001\CADD\SHEETS\05-Drainage Details\DRN\MISC\*DTL.dgn

100% SUBMITTAL

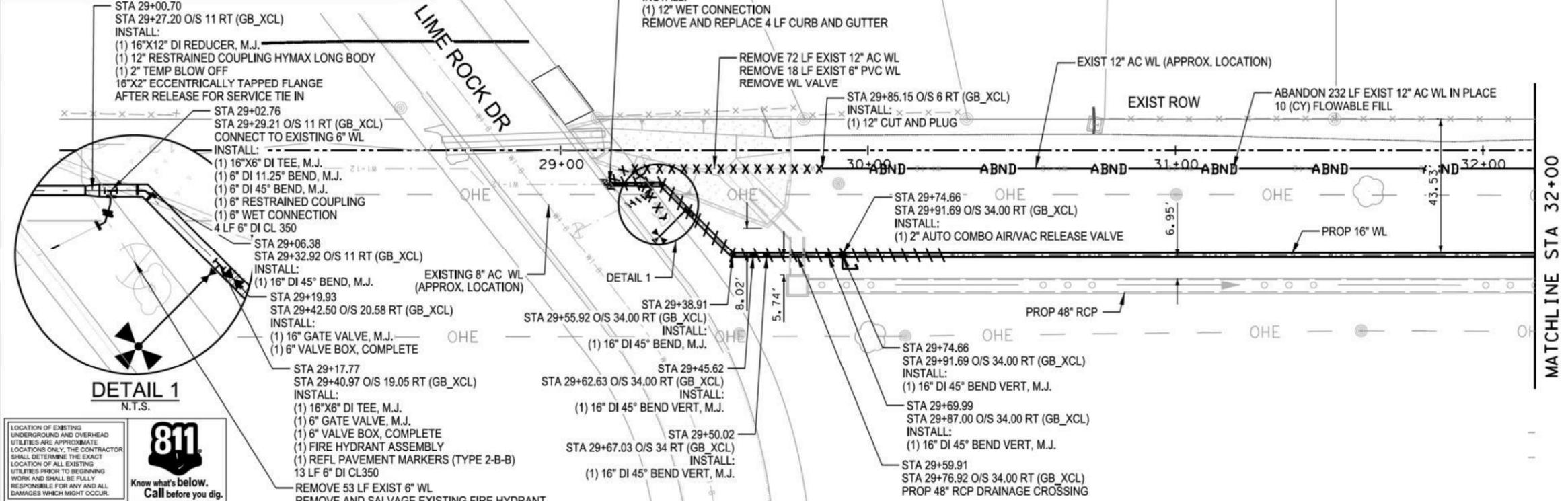
ASBESTOS HANDLING NOTES:  
ASBESTOS CONCRETE PIPE (AC PIPE), ALSO KNOWN AS TRANSITE PIPE, CONTAINS ASBESTOS-CONTAINING MATERIAL (ACM) AND HAS BEEN IDENTIFIED IN THE PROJECT AREA. CONTRACTOR AND SUBCONTRACTORS MUST BE ALERT TO PRESENCE OF AC PIPE AND BE KNOWLEDGEABLE OF HOW TO IDENTIFY IT. DISTURBANCE, REMOVAL, OR CUTTING OF ASBESTOS CONCRETE PIPE SHALL BE CONDUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF TEXAS ADMINISTRATIVE CODE 25, SECTION 15 ARTICLE 4477-3A AND 29 CFR 1926.1101. ONLY LICENSED PERSONNEL ARE PERMITTED TO HANDLE, DISTURB, REMOVE, TRANSPORT, AND DISPOSE OF AC PIPE.

R061324 GREENBERG, BRANDON & BROOK 1605 WOOD ROCK DR  
R061419 DEVANEY, DAVID A & XENIA L 1603 WOOD ROCK DR  
R061420 PARKER HOMER W JR 1601 WOOD ROCK DR  
R061421 HALDEN, DANIEL L 1505 WOOD ROCK DR  
R061422 CASANOVA, JOSE G JR & HAYLEY L 1503 WOOD ROCK DR

NUMBER	DATE	REVISION	APPROVED

- LEGEND**
- EXISTING R.O.W.
  - EXISTING PLANIMETRICS
  - UGT — EXISTING ATT TELECOM
  - PROPOSED WATERLINE
  - EXISTING FIRE HYDRANT
  - PROPOSED FIRE HYDRANT
  - PROPOSED GATE VALVE
  - PROPOSED AIR VALVE
  - PROPOSED TEE
  - PROPOSED BEND
  - EXISTING WATER METER
  - RESTRAINED PIPE LENGTH
  - ABND — ABANDONED LINE
  - XXXXXX — REMOVE LINE

- NOTES:**
- ALL WATER LINE FITTINGS, BENDS, AND VALVES TO BE RESTRAINED AND THRUST BLOCKED.
  - DEPTHS AND LOCATIONS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE.
  - CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTHS OF ALL EXISTING UTILITIES PRIOR TO STARTING ANY WORK.
  - CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING UTILITIES AS REQUIRED FOR INSTALLATION OF PROPOSED IMPROVEMENTS. NO SEPARATE PAY ITEM FOR WORK REQUIRED TO PROTECT EXISTING UTILITIES.
  - ABANDONED WATER MAINS ARE TO BE FILLED WITH FLOWABLE FILL.

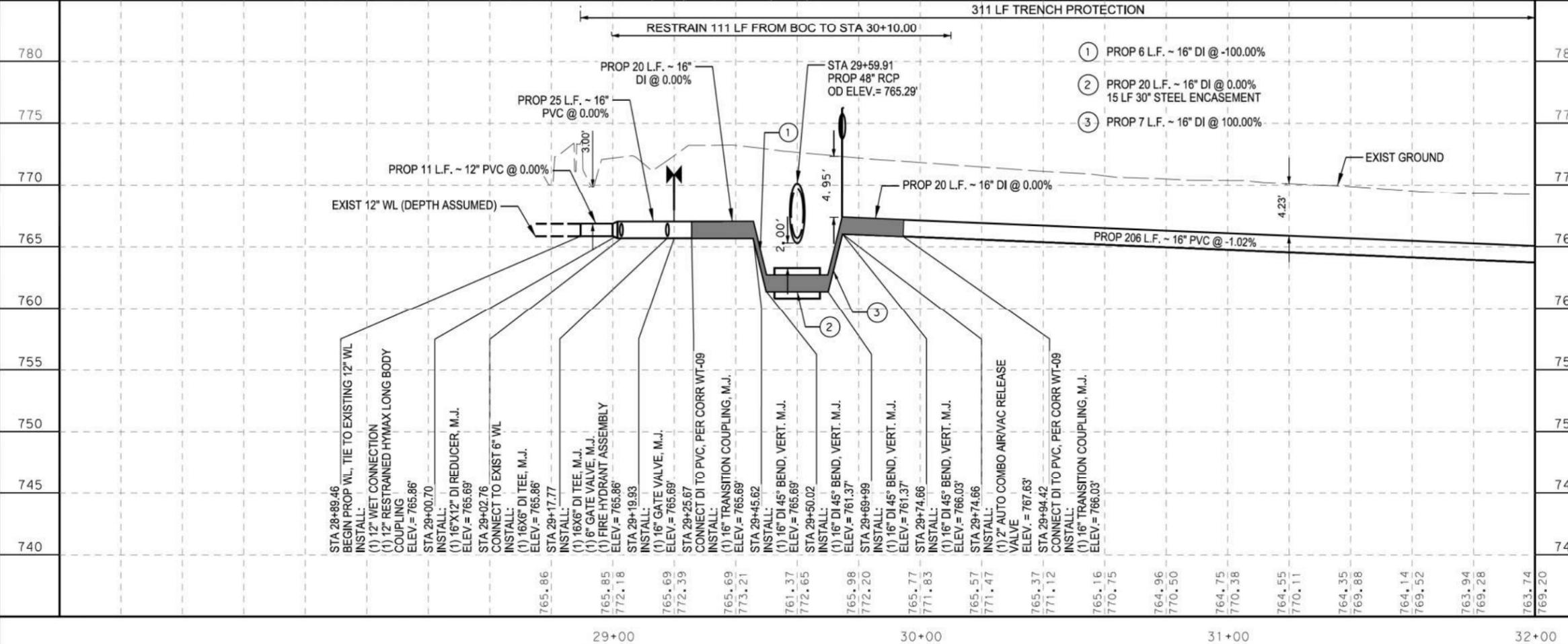


**DETAIL 1**  
N.T.S.

LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE. LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR.

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

6/8/2023 2:27:55 PM I:\2601\2001\CADD\SHEETS\06-Uilities\RRWL\*01.dgn



0' 10' 20' 40'  
SCALE: 1"=40' - HORZ  
1"=10' - VERT

**STATE OF TEXAS**  
ROBERTO ERAZO, JR  
123437  
LICENSED PROFESSIONAL ENGINEER

*Roberto Erazo Jr.*

06/08/2023

**ROUND ROCK, TEXAS**  
PURPOSE. PASSION. PROSPERITY.

**LJA Engineering, Inc.**  
FRN-F-1386

**GREENBELT WATER PLAN & PROFILE**  
BEGIN TO STA 32+00

SHEET 1 OF 4

PROJECT NO:	SHEET NO.
DESIGNED: HV	25
DRAWN: HV	
CHECKED: RE	

100% SUBMITTAL

**ASBESTOS HANDLING NOTES:**  
ASBESTOS CONCRETE PIPE (AC PIPE), ALSO KNOWN AS TRANSITE PIPE, CONTAINS ASBESTOS-CONTAINING MATERIAL (ACM) AND HAS BEEN IDENTIFIED IN THE PROJECT AREA. CONTRACTOR AND SUBCONTRACTORS MUST BE ALERT TO PRESENCE OF AC PIPE AND BE KNOWLEDGEABLE OF HOW TO IDENTIFY IT. DISTURBANCE, REMOVAL, OR CUTTING OF ASBESTOS CONCRETE PIPE SHALL BE CONDUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF TEXAS ADMINISTRATIVE CODE 25, SECTION 15 ARTICLE 4477-3A AND 29 CFR 1926.1101. ONLY LICENSED PERSONNEL ARE PERMITTED TO HANDLE, DISTURB, REMOVE, TRANSPORT, AND DISPOSE OF AC PIPE.

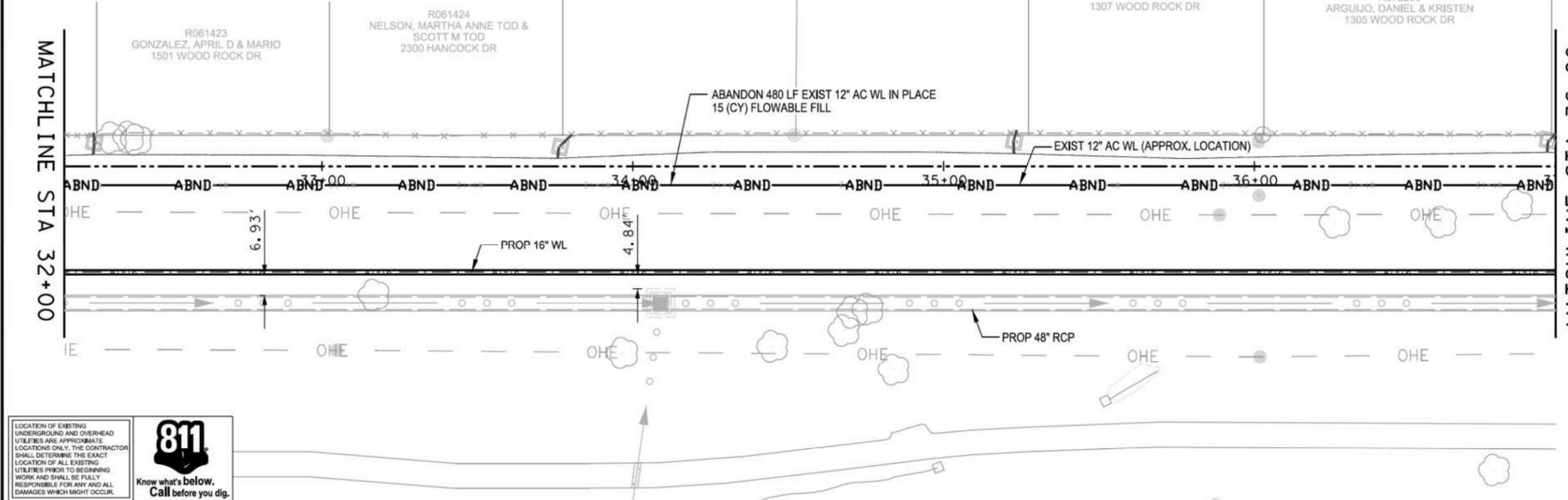
NUMBER	DATE	REVISION	APPROVED



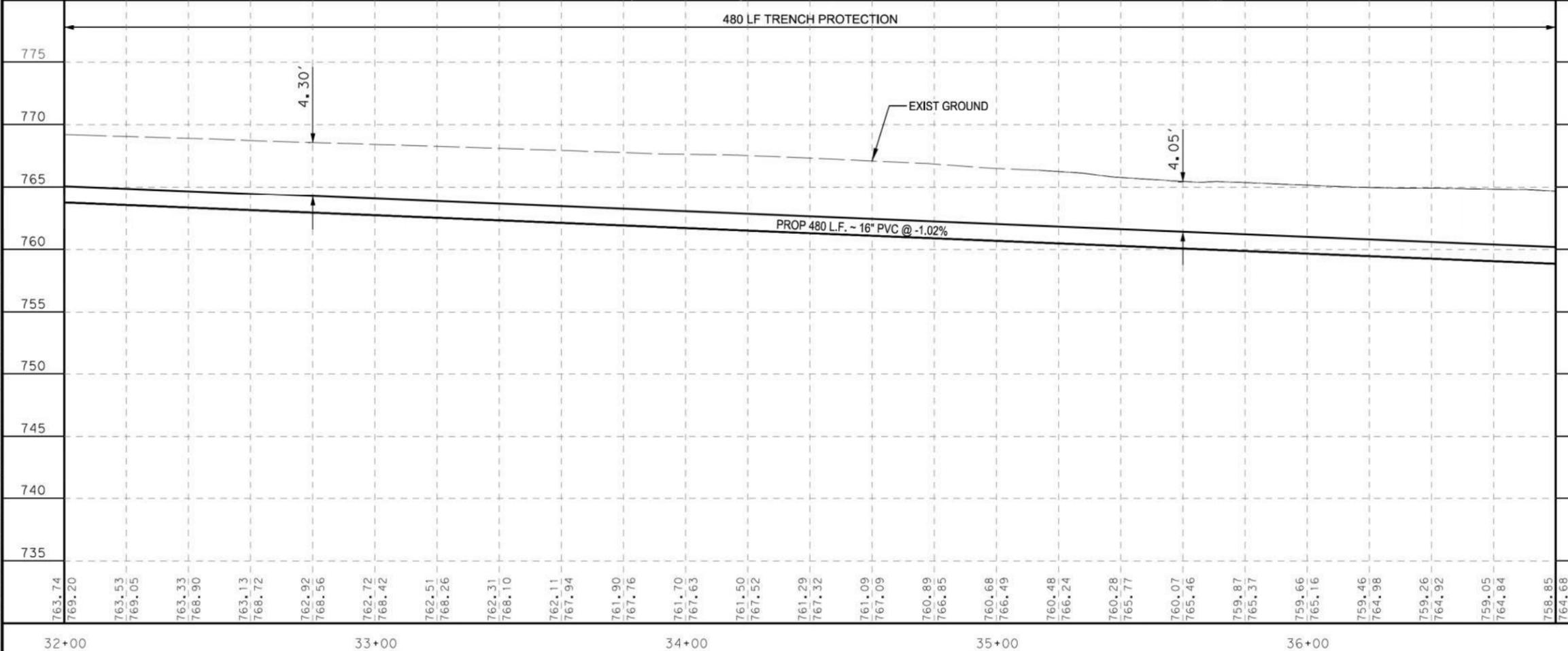
**LEGEND**

- EXISTING R.O.W.
- EXISTING PLANIMETRICS
- EXISTING ATT TELECOM
- PROPOSED WATERLINE
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE
- PROPOSED TEE
- PROPOSED BEND
- EXISTING WATER METER
- RESTRAINED PIPE LENGTH
- ABANDONED LINE
- REMOVE LINE

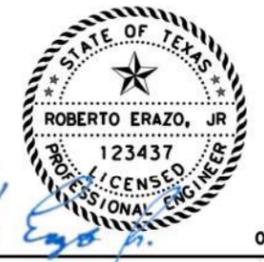
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  5. ABANDONED WATER MAINS ARE TO BE FILLED WITH FLOWABLE FILL.



LOCATION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR.



0' 10' 20' 40'  
SCALE: 1"=40' - HORZ  
1"=10' - VERT



06/08/2023



**LJA Engineering, Inc.**  
FRN-F-1386

**GREENBELT  
WATER  
PLAN & PROFILE**  
STA 32+00 TO STA 36+80

SHEET 2 OF 4

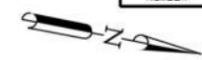
PROJECT NO:	SHEET NO.
DESIGNED: HV	26
DRAWN: HV	
CHECKED: RE	

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100% SUBMITTAL

**ASBESTOS HANDLING NOTES:**  
ASBESTOS CONCRETE PIPE (AC PIPE), ALSO KNOWN AS TRANSITE PIPE, CONTAINS ASBESTOS-CONTAINING MATERIAL (ACM) AND HAS BEEN IDENTIFIED IN THE PROJECT AREA. CONTRACTOR AND SUBCONTRACTORS MUST BE ALERT TO PRESENCE OF AC PIPE AND BE KNOWLEDGEABLE OF HOW TO IDENTIFY IT. DISTURBANCE, REMOVAL, OR CUTTING OF ASBESTOS CONCRETE PIPE SHALL BE CONDUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF TEXAS ADMINISTRATIVE CODE 25, SECTION 15 ARTICLE 4477-3A AND 29 CFR 1926.1101. ONLY LICENSED PERSONNEL ARE PERMITTED TO HANDLE, DISTURB, REMOVE, TRANSPORT, AND DISPOSE OF AC PIPE.

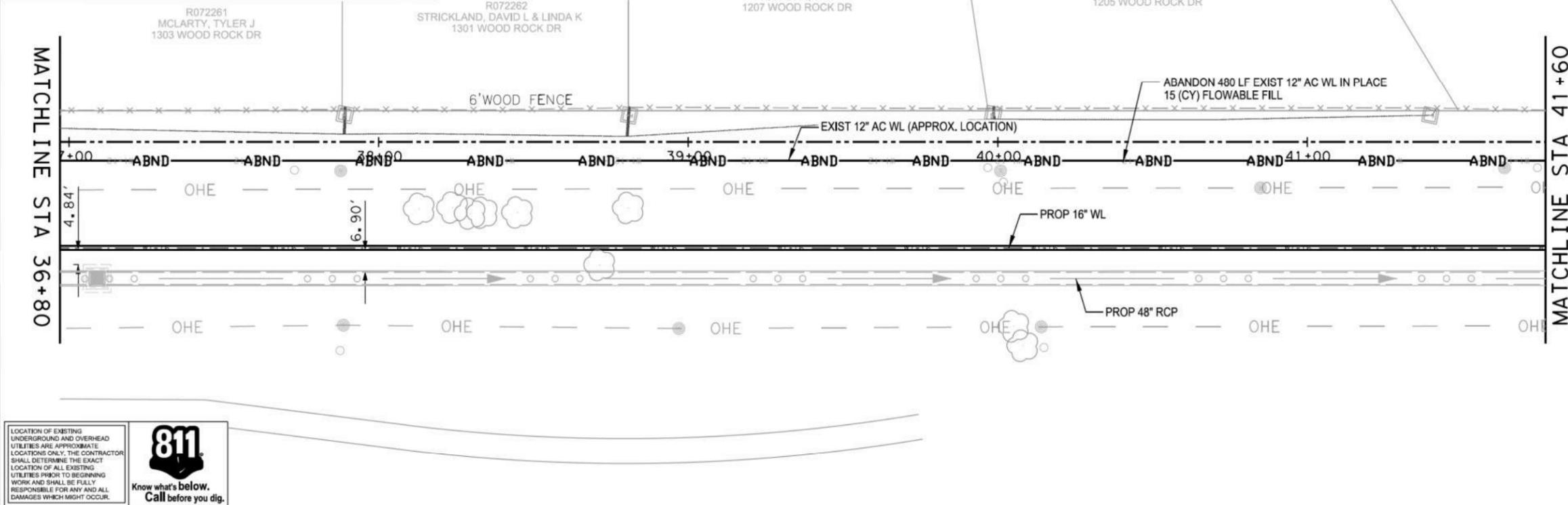
NUMBER	DATE	REVISION	APPROVED



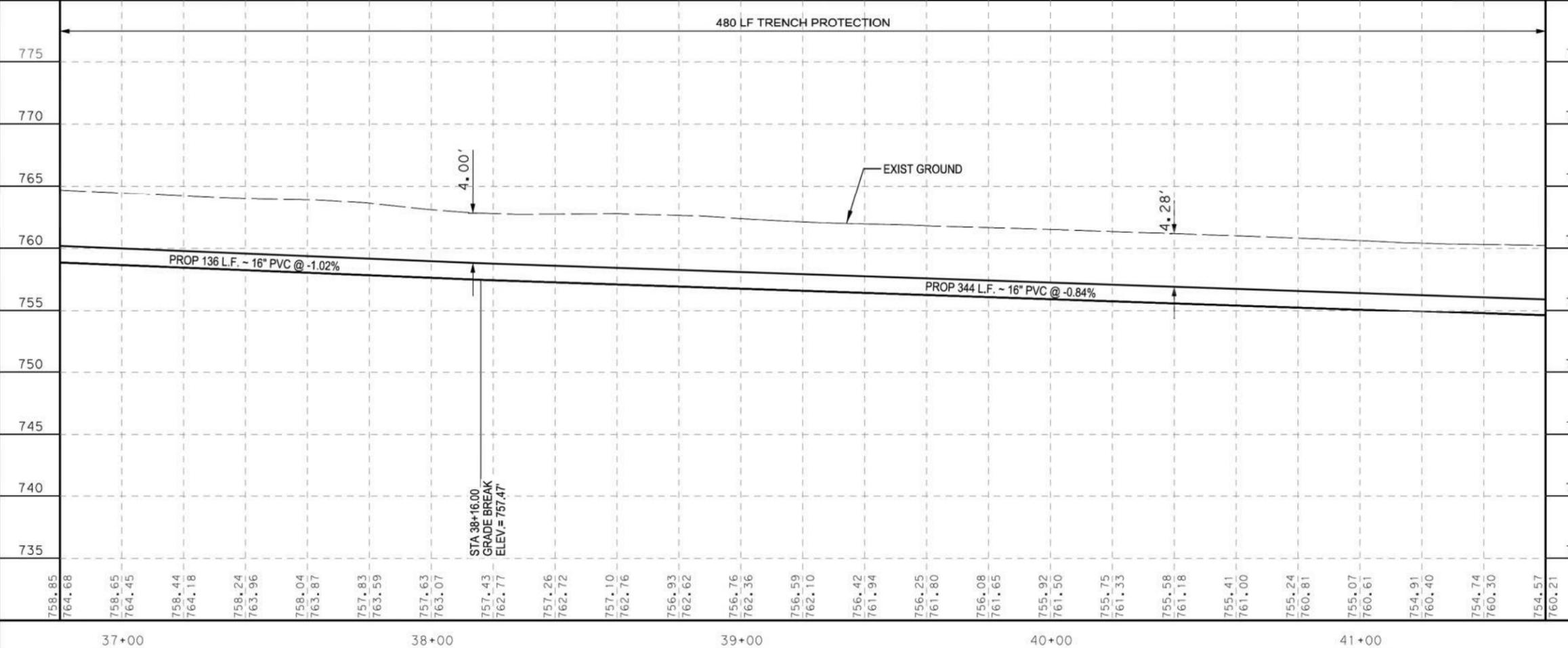
**LEGEND**

- EXISTING R.O.W.
- EXISTING PLANIMETRICS
- EXISTING ATT TELECOM
- PROPOSED WATERLINE
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE
- PROPOSED AIR VALVE
- PROPOSED TEE
- PROPOSED BEND
- EXISTING WATER METER
- RESTRAINED PIPE LENGTH
- ABANDONED LINE
- REMOVE LINE

- NOTES:**
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0' 10' 20' 40'  
SCALE: 1"=40' - HORZ  
1"=10' - VERT

06/08/2023

**LJA Engineering, Inc.**  
FRN-F-1386

**GREENBELT WATER PLAN & PROFILE**  
STA 36+80 TO STA 41+60

SHEET 3 OF 4

PROJECT NO:	SHEET NO.
DESIGNED: HV	27
DRAWN: HV	
CHECKED: RE	

6/8/2023 2:28:03 PM I:\2601\2001\CADD\SHEETS\06-Utilities\RRWL\*03.dgn



### **Inspection and Maintenance for BMP's**

Inspections and maintenance will be in accordance with TCEQ construction General Permit No. TXR150000.



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

**OTHER CONTROLS  
STABILIZATION MEASURES:**

INSPECTOR: \_\_\_\_\_ DATE \_\_\_\_\_

DAYS SINCE LAST RAINFALL: \_\_\_\_\_ AMOUNT OF LAST RAINFALL: \_\_\_\_\_ INCHES

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

STABILIZATION REQUIRED:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

TO BE PERFORMED BY: \_\_\_\_\_ ON OR BEFORE: \_\_\_\_\_



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

**STRUCTURAL CONTROLS  
 ROCK BERM:**

DATE: \_\_\_\_\_

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

MAINTENANCE REQUIRED FOR SILT FENCE:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

TO BE PERFORMED BY: \_\_\_\_\_ ON OR BEFORE: \_\_\_\_\_

Inspector: \_\_\_\_\_ Date: \_\_\_\_\_



### **Schedule of Interim and Permanent Soil Stabilization Practices**

Interim stabilization would be performed pursuant to TCEQ Construction General Permit TXR150000. All areas not planned for impervious cover (i.e. asphalt, concrete) will be permanently stabilized with sodding prior to completion of this project.

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

I \_\_\_\_\_ Federico Sanchez, P.E.,  
Print Name

of \_\_\_\_\_ Stormwater Engineer \_\_\_\_\_,  
Title - Owner/President/Other

of \_\_\_\_\_ City of Round Rock, Utilities and Environmental Services \_\_\_\_\_,  
Corporation/Partnership/Entity Name

have authorized \_\_\_\_\_ Roberto Erazo, P.E. \_\_\_\_\_  
Print Name of Agent/Engineer

of \_\_\_\_\_ LJA Engineering \_\_\_\_\_  
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:

Federico Sanchez  
Applicant's Signature

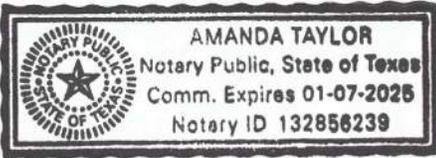
Date 10/12/22

THE STATE OF Texas §

County of Williamson §

BEFORE ME, the undersigned authority, on this day personally appeared Federico Sanchez 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 12<sup>th</sup> day of October, 2022



A. Taylor  
NOTARY PUBLIC

Amanda Taylor  
Typed or Printed Name of Notary

MY COMMISSION EXPIRES: 1/7/2025

# Application Fee Form

## Texas Commission on Environmental Quality

Name of Proposed Regulated Entity: City of Round Rock

Regulated Entity Location: Round Rock, TX

Name of Customer: City of Round Rock

Contact Person: Federico Sanchez

Phone: (512) 218-6609

Customer Reference Number (if issued):CN \_\_\_\_\_

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

### Austin Regional Office (3373)

Hays

Travis

Williamson

### San Antonio Regional Office (3362)

Bexar

Medina

Uvalde

Comal

Kinney

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

Austin Regional Office

San Antonio Regional Office

Mailed to: TCEQ - Cashier

Overnight Delivery to: TCEQ - Cashier

Revenues Section

Mail Code 214

P.O. Box 13088

Austin, TX 78711-3088

12100 Park 35 Circle

Building A, 3rd Floor

Austin, TX 78753

(512)239-0357

### Site Location (Check All That Apply):

Recharge Zone

Contributing Zone

Transition Zone

<i>Type of Plan</i>	<i>Size</i>	<i>Fee Due</i>
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	1 Each	\$ 500
Extension of Time	Each	\$

Signature: 

Date: 08/07/2023

# Application Fee Schedule

Texas Commission on Environmental Quality

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

## ***Water Pollution Abatement Plans and Modifications***

### ***Contributing Zone Plans and Modifications***

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

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

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

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

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

### ***Exception Requests***

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

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

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



TCEQ Use Only

# TCEQ Core Data Form

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

## SECTION I: General Information

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

## SECTION II: Customer Information

<b>4. General Customer Information</b>		<b>5. Effective Date for Customer Information Updates</b> (mm/dd/yyyy)	
<input type="checkbox"/> New Customer		<input type="checkbox"/> Update to Customer Information	
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)		<input type="checkbox"/> Change in Regulated Entity Ownership	
<b>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).</b>			
<b>6. Customer Legal Name</b> (If an individual, print last name first: eg: Doe, John)		If new Customer, enter previous Customer below:	
City of Round Rock			
<b>7. TX SOS/CPA Filing Number</b>	<b>8. TX State Tax ID</b> (11 digits)	<b>9. Federal Tax ID</b> (9 digits)	<b>10. DUNS Number</b> (if applicable)
<b>11. Type of Customer:</b>	<input type="checkbox"/> Corporation	<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input checked="" type="checkbox"/> Limited
Government: <input checked="" type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Other	<input type="checkbox"/> Sole Proprietorship	<input type="checkbox"/> Other:	
<b>12. Number of Employees</b>		<b>13. Independently Owned and Operated?</b>	
<input type="checkbox"/> 0-20 <input checked="" type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher		<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>14. Customer Role</b> (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following:			
<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator			
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> Voluntary Cleanup Applicant <input type="checkbox"/> Other:			
<b>15. Mailing Address:</b>	City of Round Rock		
	3400 Sunrise Road		
	City	Round Rock	State TX ZIP 78665 ZIP + 4
<b>16. Country Mailing Information</b> (if outside USA)		<b>17. E-Mail Address</b> (if applicable)	
<b>18. Telephone Number</b>	<b>19. Extension or Code</b>	<b>20. Fax Number</b> (if applicable)	
( 512 ) 218-6609		( ) -	

## SECTION III: Regulated Entity Information

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

23. Street Address of the Regulated Entity: <i>(No PO Boxes)</i>							
	City		State		ZIP		ZIP + 4
24. County							
Enter Physical Location Description if no street address is provided.							
25. Description to Physical Location:	Located West of IH-35 from Lime Rock Dr to Creekview Dr within the Greenbelt area.						
26. Nearest City					State	Nearest ZIP Code	
Round Rock					TX	78665	
27. Latitude (N) In Decimal:	30.496817			28. Longitude (W) In Decimal:	-97.698208		
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds		
30	29	48.54	-97	41	53.55		
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)			
33. What is the Primary Business of this entity? <i>(Do not repeat the SIC or NAICS description.)</i>							
City of Round Rock							
34. Mailing Address:	3400 Sunrise Road						
	City	Round Rock	State	TX	ZIP	78665	ZIP + 4
35. E-Mail Address:							
36. Telephone Number		37. Extension or Code		38. Fax Number <i>(if applicable)</i>			
( ) -				( ) -			

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

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

### SECTION IV: Preparer Information

40. Name:	Roberto Erazo	41. Title:	Project Manager
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
( 210 ) 503-2725		( ) -	rerazo@lja.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:	LJA Engineering	Job Title:	Project Manager
Name <i>(In Print)</i> :	Roberto Erazo	Phone:	( 210 ) 503-2725
Signature:		Date:	08/07/2023