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 <u>30 TAC 213</u>.

Administrative Review

1. <u>Edwards Aquifer applications</u> 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: <u>http://www.tceq.texas.gov/field/eapp</u>.

- 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 N	ame:		ack Stea d Rock	khouse)	2. Re	egulat	ed Entity No.:	RN104798731
3. Customer Name: BAEV-LASALLE ROUNIVERSITY BLVE		ROUNE	ROUND ROCK /D LLC		4. Cı	4. Customer No.:			
5. Project Type: (Please circle/check one)	New		Modif	ication	\triangleright	Exter	nsion	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)	Resider	ntial	Non-r	esiden	tial		8. Sit	e (acres):	12.015
9. Application Fee:			10. Po	ermai	nent I	BMP(s	s):	Wet Basin	
11. SCS (Linear Ft.):			12. AS	12. AST/UST (No. Tanks):		nks):	0		
13. County:	William	son	14. W	aters	hed:			Brushy Creek	

Application Distribution

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

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

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

Austin Region						
County:	Hays	Travis	Williamson			
Original (1 req.)						
Region (1 req.)						
County(ies)						
Groundwater Conservation District(s)	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.

Devin D. King, P.E.

Print Name of Customer/Authorized Agent

5/2/2023

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 R	ounds:			
Delinquent Fees (Y/N):	40	Review Time Spent:				
Lat./Long. Verified:		SOS Customer Verification:				
Agent Authorization Complete/Notarized (Y/N):		Fee	Payable to TCEQ (Y/N):			
Core Data Form Complete (Y/N):	Check: Signed (Y/N):		Signed (Y/N):			
Core Data Form Incomplete Nos.:			Less than 90 days ol	d (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:

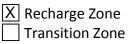
Print Name of Customer/Agent: _____ Devin D. King, PE

Date: 06/05/2023

Signature of Customer/Agent:

Project Information

- 1. Regulated Entity Name: ____Outback Steakhouse Round Rock
- 2. County: Williamson
- 3. Stream Basin: _____
- 4. Groundwater Conservation District (If applicable): _____
- 5. Edwards Aquifer Zone:



6. Plan Type:

WPAP	AST
scs	
X Modification	Exception Request

7. Customer (Applicant):

Contact Person: Stephen SchnurEntity: Baev-Lasalle Round Rock University Blvd LLCMailing Address: 100 E Pratt St, Ste 2030City, State: Baltimore, MDZip: 21202Telephone: 410-878-4800FAX: N/AEmail Address: N/A

8. Agent/Representative (If any):

Contact Person:Devin D. King, PEEntity:Kimley-Horn & AssociatesMailing Address:5301Southwest Pkwy, Bldg 2, Ste 100City, State:Austin, TXZip:78745Telephone:+1 737-787-8638Email Address:Devin.King@kimley-horn.com

9. Project Location:

X The project site is located inside the city limits of <u>Roun</u>d Rock, 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. X 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.

4145 N IH 35, Round Rock, Texas 78665

- 11. X 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. X 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:
 - X Project site boundaries.
 - X USGS Quadrangle Name(s).
 - X Boundaries of the Recharge Zone (and Transition Zone, if applicable).
 - X Drainage path from the project site to the boundary of the Recharge Zone.
- 13. X 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: _____

- 14. X 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:
 - X Area of the site
 - X Offsite areas
 - X Impervious cover
 - X Permanent BMP(s)
 - X Proposed site use
 - X Site history
 - X Previous development
 - X Area(s) to be demolished
- 15. Existing project site conditions are noted below:
 - X Existing commercial site
 Existing industrial site
 Existing residential site
 Existing paved and/or unpaved roads
 Undeveloped (Cleared)
 Undeveloped (Undisturbed/Uncleared)
 Other: _____

Prohibited Activities

- 16. \boxed{X} 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. X 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

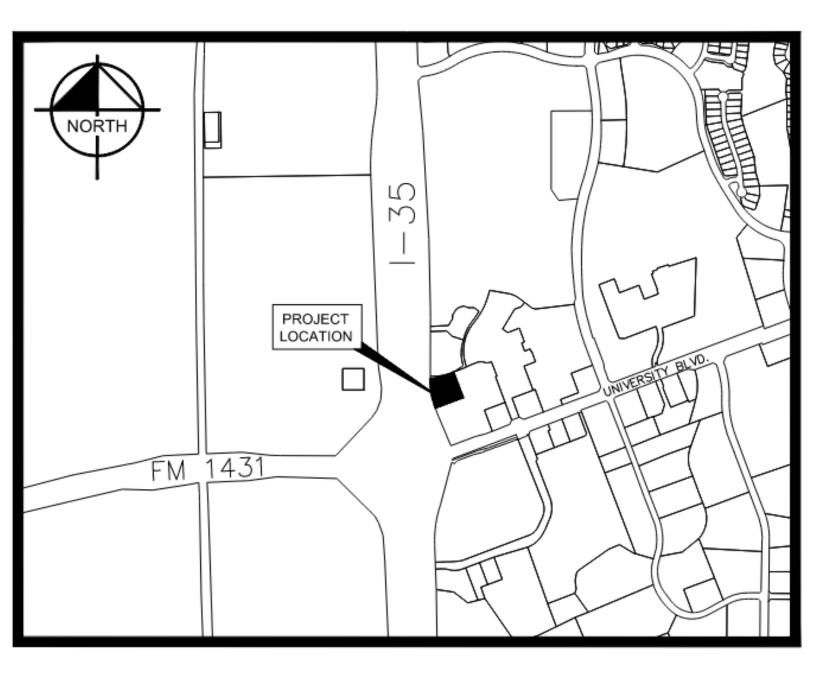
- 18. The fee for the plan(s) is based on:
 - X For a Water Pollution Abatement Plan or Modification, the total acreage of the site where regulated activities will occur.
 - For an Organized Sewage Collection System Plan or Modification, the total linear footage of all collection system lines.
 - For 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. X 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:

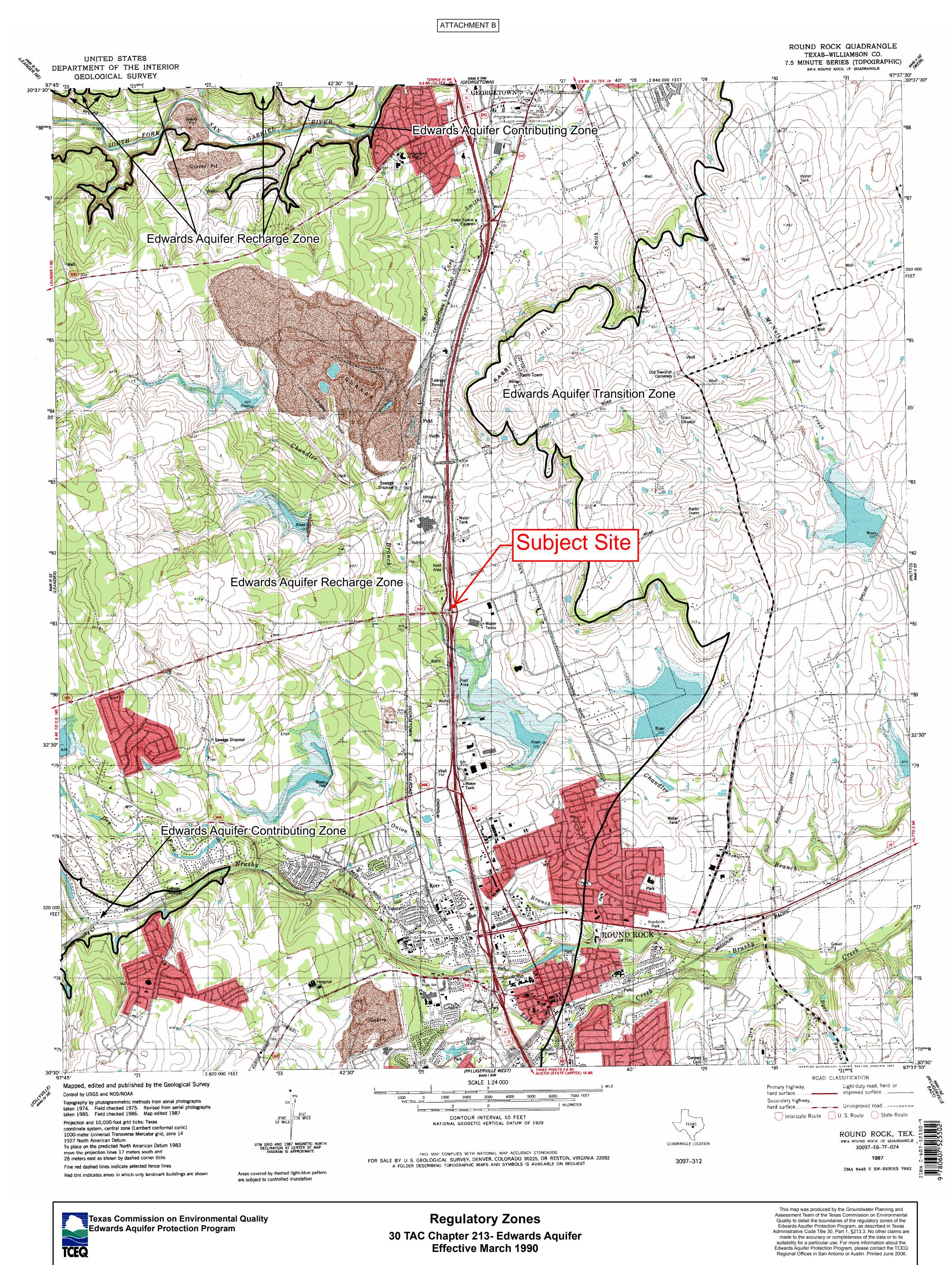
 Austin Regional Office (for projects in Hays, Travis, and Williamson Counties)
 San Antonio Regional Office (for projects in Bexar, Comal, Kinney, Medina, and Uvalde Counties)

- 20. X Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions. The copies must be submitted to the appropriate regional office.
- 21. X 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 4151 N IH 35 ROUND ROCK, TX 78664





ATTACHMENT C

Outback Steakhouse Round Rock

Project Description

Kimley-Horn and Associates(2023)

The Outback Steakhouse Round Rock project is proposing the demolition of an existing restaurant building to be updated to one new restaurant building. The existing building to be demolished has a footprint of 7,492 square feet, and the proposed restaurant building has a footprint of 4,694 square feet. The project is proposing 50,474 square feet of impervious cover, compared to 52,623 square feet of impervious cover in existing conditions. Best Management Practices (BMPs) for using for erosion and sedimentation control of the runoff during construction are proposed with this site plan. These include silt fencing, inlet protection, a concrete washout, and a stabilized construction entrance. The existing wet basin pond will be used as a permanent BMP to treat stormwater runoff coming from the site.

The proposed site use is commercial/restaurant use, which matches the use of the current site. The site was previously developed under the Chandler Road Retail Project, and a WPAP was submitted to TCEQ on January 10, 2006. The areas to be demolished proposed with this site plan include approximately 2,500 square feet of pavement, and 7,500 square feet of existing building.

Geologic Assessment Section

From:
Sent:
То:
Subject:
Attachments:

James Slone <james.slone@tceq.texas.gov> Friday, January 6, 2023 2:28 PM King, Devin RE: 4151 N IH 35 - Existing WPAP 1120_001.pdf; 1121_001.pdf

You don't often get email from james.slone@tceq.texas.gov. Learn why this is important

Devin,

Attached are the two approval letters I found. I first suggest reaching out to central file room <u>https://www.tceq.texas.gov/agency/data/records-services</u> to try and obtain the associated application/plan material. IF you fail, reach out to me and you can see the region's working files. Although, they may not be entirely complete.

	· • •	•	<u>.</u>
They proposed project does not require a Geologic Assessment. Please retain this email for your records	•		-
Have a great weekend,			
Во			

James "Bo" Slone, P.G. Geoscientist Edwards Aquifer Protection Program Texas Commission on Environmental Quality (512) 239-5711

From: King, Devin <devin.king@kimley-horn.com> Sent: Thursday, January 5, 2023 2:09 PM To: James Slone <james.slone@tceq.texas.gov> Subject: 4151 N IH 35 - Existing WPAP

Bo:

As discussed over the phone just now, would you be able to you see what you can find on University Commons approved WPAP?

This is for the existing vacant Mimi's Café restaurant located at 4151 N I-35, Round Rock, which is going to be redeveloped as an Outback Steakhouse.

Also, if you wouldn't mind confirming if we can receive a geologic assessment exemption, that would be helpful. Thank you for your assistance.

Devin

Devin D. King, PE (TX, FL) | Associate Kimley-Horn | 5301 Southwest Parkway, Suite 100, Building 2, Austin, TX 78735 Direct: 737.787.8638 | Mobile: 682.220.3615

Modification of a Previously Approved Plan

Texas Commission on Environmental Quality

for Regulated Activities on the Edwards Aquifer Recharge Zone and Transition Zone and Relating to 30 TAC 213.4(j), Effective June 1, 1999

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

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

Signature

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

Print Name of Customer/Agent: Devin King, P.E.

Date: May 2, 2023

Signature of Customer/Agent:

Project Information

1. Current Regulated Entity Name: Outback Steakhouse Round Rock Original Regulated Entity Name: Chandler IH 35 Retail, Ltd. Regulated Entity Number(s) (RN): RN104798731 Edwards Aguifer Protection Program ID Number(s): 11 07071702

Edwards Aquifer Protection Program ID Number(s): <u>11-07</u>071702

__ The applicant has not changed and the Customer Number (CN) is: __

- X The applicant or Regulated Entity has changed. A new Core Data Form has been provided.
- 2. X Attachment A: Original Approval Letter and Approved Modification Letters. A copy of the original approval letter and copies of any modification approval letters are attached.

3. A modification of a previously approved plan is requested for (check all that apply):

Physical or operational modification of any water pollution abatement structure(s)
including but not limited to ponds, dams, berms, sewage treatment plants, and
diversionary structures;

- X Change in the nature or character of the regulated activity from that which was originally approved or a change which would significantly impact the ability of the plan to prevent pollution of the Edwards Aquifer;
- Development of land previously identified as undeveloped in the original water pollution abatement plan;

Physical modification of the approved organized sewage collection system;

Physical modification of the approved underground storage tank system;

Physical modification of the approved aboveground storage tank system.

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

WPAP Modification	Approved Project	Proposed Modification
Summary		
Acres	12.015	12.015
Type of Development	Commercial	Commercial
Number of Residential	0	0
Lots		
Impervious Cover (acres)	6.20	6.16
Impervious Cover (%	51.59%	<u>51.27%</u>
Permanent BMPs	Wet Basin	Wet Basin
Other	N/A	N/A
SCS Modification	Approved Project	Proposed Modification
Summary		
Linear Feet		
Pipe Diameter		
Other		

AST Modification	Approved Project	Proposed Modification	
Summary			
Number of ASTs			
Volume of ASTs			
Other			
UST Modification	Approved Project	Proposed Modification	
UST Modification Summary	Approved Project	Proposed Modification	
-	Approved Project	Proposed Modification	
Summary	Approved Project	Proposed Modification	

- 5. X Attachment B: Narrative of Proposed Modification. A detailed narrative description of the nature of the proposed modification is attached. It discusses what was approved, including any previous modifications, and how this proposed modification will change the approved plan.
- 6. X Attachment C: Current Site Plan of the Approved Project. A current site plan showing the existing site development (i.e., current site layout) at the time this application for modification is attached. A site plan detailing the changes proposed in the submitted modification is required elsewhere.
 - The approved construction has not commenced. The original approval letter and any subsequent modification approval letters are included as Attachment A to document that the approval has not expired.
 - X The approved construction has commenced and has been completed. Attachment C illustrates that the site was constructed as approved.
 - The approved construction has commenced and has been completed. Attachment C illustrates that the site was **not** constructed as approved.

The approved construction has commenced and has **not** been completed. Attachment C illustrates that, thus far, the site was constructed as approved.

- The approved construction has commenced and has **not** been completed. Attachment C illustrates that, thus far, the site was **not** constructed as approved.
- 7. The acreage of the approved plan has increased. A Geologic Assessment has been provided for the new acreage.
 - X Acreage has not been added to or removed from the approved plan.
- X Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions. The copies must be submitted to the appropriate regional office.

ATTACHMENT A

Kathleen Hartnett White, *Chairman* R. B. "Ralph" Marquez, *Commissioner* Larry R. Soward, *Commissioner* Glenn Shankle, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

"Op

Protecting Texas by Reducing and Preventing Pollution

January 10, 2006

Mr. Milo Burdette, Authorized Signatory Barshop & Oles Company, Inc. 801 Congress Avenue, #300 Austin, Texas 78701

 Re: Edwards Aquifer, Williamson County NAME OF PROJECT: Chandler Road Retail; Northeast Corner of IH35 and Chandler Road; Round Rock, Texas TYPE OF PLAN: Request for Approval of a Water Pollution Abatement Plan (WPAP); 30 Texas Administrative Code (TAC) Chapter 213 Edwards Aquifer Edwards Aquifer Protection Program ID No. 11-05111602

Dear Mr. Burdette:

The Texas Commission on Environmental Quality (TCEQ) has completed its review of the WPAP application for the referenced project submitted to the Austin Regional Office by Bury + Partners, Inc. on behalf of Barshop & Oles Company, Inc. on November 16, 2005. Final review of the WPAP submittal was completed after additional material was received on January 6, 2006. As presented to the TCEQ, the Temporary and Permanent Best Management Practices (BMPs) and construction plans were prepared by a Texas Licensed Professional Engineer to be in general compliance with the requirements of 30 TAC Chapter 213. These planning materials were sealed, signed, and dated by a Texas Licensed Professional Engineer. Therefore, based on the engineer's concurrence of compliance, the planning materials for construction of the proposed project and pollution abatement measures are hereby approved subject to applicable state rules and the conditions in this letter. The applicant or a person affected may file with the chief clerk a motion for reconsideration of the executive director's final action on this Edwards Aquifer protection plan. A motion for reconsideration must be filed no later than 23 days after the date of this approval letter. This approval expires two (2) years from the date of this letter unless, prior to the expiration date, more than 10 percent of the construction has commenced on the project or an extension of time has been requested.

PROJECT DESCRIPTION

The proposed commercial project will have an area of approximately 9.88 acres. This project will include rough grading and filling portions of the site with approximately 50,000 cubic yards of clean

REPLY TO: REGION 11 • 1921 CEDAR BEND DR., STE. 150 • AUSTIN, TEXAS 78758-5336 • 512/339-2929 • FAX 512/339-3795

Mr. Milo Burdette Page 2 January 10, 2006

fill. No impervious cover will be constructed on the site. Impervious cover will be 0.0 acres (0 percent). No wastewater will be generated as a result of the proposed project.

PERMANENT POLLUTION ABATEMENT MEASURES

No impervious cover will be constructed on the site. The net increase in impervious cover is 0%, therefore no permanent pollution abatement measures will be constructed to treat stromwater runoff originating on-site and potentially flowing across and off the site after construction.

GEOLOGY

According to the geologic assessment (GA) included with the application, the Edwards Limestone outcrops on the site. No on-site geologic features were identified in the GA. The Austin Regional Office site investigation of January 6, 2006, revealed that the site is generally as described in the GA.

SPECIAL CONDITIONS

- I. Intentional discharges of sediment laden stormwater during construction are not allowed. If dewatering excavated areas and/or areas of accumulated stormwater becomes necessary, the discharge shall be filtered through appropriately selected temporary best management practices. These may include vegetative filter strips, sediment traps, rock berms, silt fence rings, etc.
- II. This approval does not authorize the installation of temporary aboveground storage tanks on this project. If the contractor desires to install a temporary aboveground storage tank for use during construction, an application to modify this approval must be submitted and approved prior to installation. The application must include information related to tank location and spill containment. Refer to Standard Condition No. 4 below.

STANDARD CONDITIONS

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

Prior to Commencement of Construction:

2. Within 60 days of receiving written approval of an Edwards Aquifer protection plan, the applicant must submit to the Austin Regional Office, proof of recordation of notice in the county deed records, with the volume and page number(s) of the county deed records of the county in which the property is located. A description of the property boundaries shall be

Mr. Milo Burdette Page 3 January 10, 2006

included in the deed recordation in the county deed records. A suggested form (Deed Recordation Affidavit, TCEQ-0625) that you may use to deed record the approved WPAP is enclosed.

- 3. All contractors conducting regulated activities at the referenced project location shall be provided a copy of this notice of approval. At least one complete copy of the approved WPAP and this notice of approval shall be maintained at the project location until all regulated activities are completed.
- 4. Modification to the activities described in the referenced WPAP application following the date of approval may require the submittal of a plan to modify this approval, including the payment of appropriate fees and all information necessary for its review and approval prior to initiating construction of the modifications.
- 5. The applicant must provide written notification of intent to commence construction, replacement, or rehabilitation of the referenced project. Notification must be submitted to the Austin Regional Office no later than 48 hours prior to commencement of the regulated activity. Written notification must include the date on which the regulated activity will commence, the name of the approved plan and program ID number for the regulated activity, and the name of the prime contractor with the name and telephone number of the contact person. The executive director will use the notification to determine if the approved plan is eligible for an extension.
- 6. Temporary erosion and sedimentation (E&S) controls, i.e., silt fences, rock berms, stabilized construction entrances, or other controls described in the approved WPAP, must be installed prior to construction and maintained during construction. Temporary E&S controls may be removed when vegetation is established and the construction area is stabilized. If a water quality pond is proposed, it shall be used as a sedimentation basin during construction. The TCEQ may monitor stormwater discharges from the site to evaluate the adequacy of temporary E&S control measures. Additional controls may be necessary if excessive solids are being discharged from the site.
- 7. All borings with depths greater than or equal to 20 feet must be plugged with non-shrink grout from the bottom of the hole to within three (3) feet of the surface. The remainder of the hole must be backfilled with cuttings from the boring. All borings less than 20 feet must be backfilled with cuttings from the boring. All borings must be backfilled or plugged within four (4) days of completion of the drilling operation. Voids may be filled with gravel.

Mr. Milo Burdette Page 4 January 10, 2006

During Construction:

- 8. During the course of regulated activities related to this project, the applicant or agent shall comply with all applicable provisions of 30 TAC Chapter 213, Edwards Aquifer. The applicant shall remain responsible for the provisions and conditions of this approval until such responsibility is legally transferred to another person or entity.
- 9. If any sensitive feature (caves, solution cavities, sink holes, etc.) is discovered during construction, all regulated activities near the feature must be suspended immediately. The applicant or his agent must immediately notify the Austin Regional Office of the discovery of the feature. Regulated activities near the feature may not proceed until the executive director has reviewed and approved the methods proposed to protect the feature and the aquifer from potentially adverse impacts to water quality. The plan must be sealed, signed, and dated by a Texas Licensed Professional Engineer.
- 10. No wells exist on the site. All water wells, including injection, dewatering, and monitoring wells must be in compliance with the requirements of the Texas Department of Licensing and Regulation under Title 16 TAC Chapter 76 (relating to Water Well Drillers and Pump Installers) and all other locally applicable rules, as appropriate.
- 11. If sediment escapes the construction site, the sediment must be removed at a frequency sufficient to minimize offsite impacts to water quality (e.g., fugitive sediment in street being washed into surface streams or sensitive features by the next rain). Sediment must be removed from sediment traps or sedimentation ponds not later than when design capacity has been reduced by 50 percent. Litter, construction debris, and construction chemicals shall be prevented from becoming stormwater discharge pollutants.
- 12. The following records shall be maintained and made available to the executive director upon request: the dates when major grading activities occur, the dates when construction activities temporarily or permanently cease on a portion of the site, and the dates when stabilization measures are initiated.
- 13. Stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, and construction activities will not resume within 21 days. When the initiation of stabilization measures by the 14th day is precluded by weather conditions, stabilization measures shall be initiated as soon as practicable.

Mr. Milo Burdette Page 5 January 10, 2006

After Completion of Construction:

- 14. Upon legal transfer of this property, the new owner(s) is required to comply with all terms of the approved Edwards Aquifer protection plan. If the new owner intends to commence any new regulated activity on the site, a new Edwards Aquifer protection plan that specifically addresses the new activity must be submitted to the executive director. Approval of the plan for the new regulated activity by the executive director is required prior to commencement of the new regulated activity.
- 15. An Edwards Aquifer protection plan approval or extension will expire and no extension will be granted if more than 50 percent of the total construction has not been completed within ten years from the initial approval of a plan. A new Edwards Aquifer protection plan must be submitted to the Austin Regional Office with the appropriate fees for review and approval by the executive director prior to commencing any additional regulated activities.
- 16. At project locations where construction is initiated and abandoned, or not completed, the site shall be returned to a condition such that the aquifer is protected from potential contamination.

If you have any questions or require additional information, please contact Mr. Gene Muller of the Edwards Aquifer Protection Program of the Austin Regional Office at (512) 339-2929.

Sincerely

Glenn Shankle Executive Director

GS/ghm

Enclosures: Deed Recordation Affidavit, TCEQ-0625

 Mr. Carlos Garcia, P.E., Bury + Partners, Inc. The Honorable John C. Doerfler, County Judge, Williamson County Mr. Paulo C. Pinto, B.S., R.S., Director of Environmental Services, Williamson County & Cities Health District Mr. Mr. Danny Halden, P.E., City Engineer, City of Round Rock TCEO Central Records Kathleen Hartnett White, *Chairman* Larry R. Soward, *Commissioner* H. S. Buddy Garcia, *Commissioner* Glenn Shankle, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

September 13, 2007

Mr. Milo Burdette Chandler IH 35 Retail, Ltd. 801 Congress Avenue, Suite 300 Austin, Texas 78701

Re: Edwards Aquifer, Williamson County NAME OF PROJECT: University Commons; Located at the northeast corner of the intersection of IH-35 and University Blvd.; Round Rock, Texas TYPE OF PLAN: Request for Modification of a Water Pollution Abatement Plan (WPAP); 30 Texas Administrative Code (TAC) Chapter 213 Edwards Aquifer Edwards Aquifer Protection Program ID No. 11-07071702

Dear Mr. Burdette:

The Texas Commission on Environmental Quality (TCEQ) has completed its review of the request for modification of the approved WPAP for the above-referenced project submitted to the Austin Regional Office by Bury+Partners, Inc. on behalf of Chandler IH 35 Retail, Ltd. on July 17, 2007. Final review of the WPAP was completed after additional material was received on September 5 and 13, 2007. As presented to the TCEQ, the Temporary and Permanent Best Management Practices (BMPs) and construction plans were prepared by a Texas Licensed Professional Engineer to be in general compliance with the requirements of 30 TAC Chapter 213. These planning materials were sealed, signed and dated by a Texas Licensed Professional Engineer. Therefore, based on the engineer's concurrence of compliance, the planning materials for construction of the proposed project and pollution abatement measures are hereby approved subject to applicable state rules and the conditions in this letter. The applicant or a person affected may file with the chief clerk a motion for reconsideration of the executive director's final action on this Edwards Aquifer Protection Plan. A motion for reconsideration must be filed no later than 23 days after the date of this approval letter. *This approval expires two (2) years from the date of this letter unless, prior to the expiration date, more than 10 percent of the construction has commenced on the project or an extension of time has been requested.*

BACKGROUND

The proposed project was previously approved as Chandler Road Retail (EAPP ID No. 11-05111602) and included approval for rough grading of 9.88 acres of the site. It included rough grading and filling portions of the site with clean fill. No impervious cover was proposed for the project. A site assessment investigation was conducted by the Austin Region on January 6, 2006 for the 9.88 acre site.

PROJECT DESCRIPTION

The proposed commercial project is located on the Edwards Aquifer Recharge Zone and will have an area of approximately 12.015 acres. It will include development of Lots 1A, 2A, 3A, and 7A of the Chandler

Reply To: Region 11 • 2800 S. Interstate Hwy. 35, Ste. 100 • Austin, Texas 78704-5700 • 512-339-2929 • Fax 512-339-3795

Road Retail Subdivision Section One. The project will include the construction of five commercial buildings, associated parking, drives, water quality pond, and other appurtenances. Impervious cover for the site will be 6.20 acres (51.59%) and will be composed of 0.82 acres of structures and rooftops, 4.62 acres of parking, and 0.75 acres of other paved surfaces. The Project wastewater will be disposed of by conveyance to the existing Brushy Creek Regional Wastewater Treatment Plant.

PERMANENT POLLUTION ABATEMENT MEASURES

To prevent the pollution of stormwater runoff originating on-site or upgradient of the site and potentially flowing across and off the site after construction, a wet basin water quality pond will be constructed to treat stormwater runoff. The basin is sized to receive stormwater runoff from a 29.59 acre drainage area with an estimated 80% impervious cover (23.67 acres) for future development. The 29.59 acre contributing drainage area is composed of Lots 1A, 2A, 3A, 7A (12.015 acres) that are proposed to be developed with this project, and Lot 4A and a portion of Lot 6A to be developed in the future. The wet basin will capture a water quality volume of 105,495 ft³, will have a volume of 132,376 ft³ at the permanent pool elevation, and a volume of 237,871 ft³ at the water quality elevation. The approved measures meet the required 80 percent removal of the increased load in total suspended solids caused by the project.

GEOLOGY

According to the geologic assessment included with the application, the Edwards Limestone outcrops on the site. No geologic features were identified in the geologic assessment. The Austin Regional Office site investigation conducted on September 12, 2007 revealed that the site is generally as described in the geologic assessment.

SPECIAL CONDITIONS

- I. Future development of Lots 4A and 6A will require approval of a modification to the previously approved plan prior to conducting any regulated activity other than the grading and fill that was previously approved under the Chandler Road Retail WPAP (approval letter dated January 10, 2006). Refer also to Standard Condition 4 below.
- II. The holder of the approved Edwards Aquifer WPAP must comply with all provisions of 30 TAC Chapter 213 and all best management practices and measures contained in the application.
- III. This modification is subject to all Special and Standard Conditions listed in the Chandler Road Retail WPAP approval letter dated January 10, 2006.
- IV. All permanent pollution abatement measures shall be operational prior to occupancy of the facility.
- V. Intentional discharges of sediment laden storm water are not allowed. If dewatering becomes necessary, the discharge will be filtered through appropriately selected best management practices. These may include vegetated filter strips, sediment traps, rock berms, silt fence rings, etc.
- VI. All sediment and/or media removed from the water quality basin during maintenance activities shall be properly disposed of according to 30 TAC 330 or 30 TAC 335, as applicable.

- VII. This approval does not authorize the installation of temporary aboveground storage tanks on this project. If the contractor desires to install a temporary aboveground storage tank for use during construction, an application to modify this approval must be submitted and approved prior to installation. The application must include information related to tank location and spill containment. Refer to Standard Condition 4 below.
- VIII. In addition to the rules of the Commission, the applicant may also be required to comply with state and local ordinances and regulations providing for the protection of water quality.

STANDARD CONDITIONS

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

Prior to Commencement of Construction:

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

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

During Construction:

- 8. During the course of regulated activities related to this project, the applicant or agent shall comply with all applicable provisions of 30 TAC Chapter 213, Edwards Aquifer. The applicant shall remain responsible for the provisions and conditions of this approval until such responsibility is legally transferred to another person or entity.
- 9. If any sensitive feature (caves, solution cavities, sink holes, etc.) is discovered during construction, all regulated activities near the feature must be suspended immediately. The applicant or his agent must immediately notify the Austin Regional Office of the discovery of the feature. Regulated activities near the feature may not proceed until the executive director has reviewed and approved the methods proposed to protect the feature and the aquifer from potentially adverse impacts to water quality. The plan must be sealed, signed, and dated by a Texas Licensed Professional Engineer.
- 10. No wells exist on-site. All water wells, including injection, dewatering, and monitoring wells must be in compliance with the requirements of the Texas Department of Licensing and Regulation under Title 16 TAC Chapter 76 (relating to Water Well Drillers and Pump Installers) and all other locally applicable rules, as appropriate.
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After Completion of Construction:

14. A Texas Licensed Professional Engineer must certify in writing that the permanent BMPs or measures were constructed as designed. The certification letter must be submitted to the Austin Regional Office within 30 days of site completion.

- 15. The applicant shall be responsible for maintaining the permanent BMPs after construction until such time as the maintenance obligation is either assumed in writing by another entity having ownership or control of the property (such as without limitation, an owner's association, a new property owner or lessee, a district, or municipality) or the ownership of the property is transferred to the entity. The regulated entity shall then be responsible for maintenance until another entity assumes such obligations in writing or ownership is transferred. A copy of the transfer of responsibility must be filed with the executive director through Austin Regional Office within 30 days of the transfer. A copy of the transfer form (TCEQ-10263) is enclosed.
- 16. Upon legal transfer of this property, the new owner(s) is required to comply with all terms of the approved Edwards Aquifer protection plan. If the new owner intends to commence any new regulated activity on the site, a new Edwards Aquifer protection plan that specifically addresses the new activity must be submitted to the executive director. Approval of the plan for the new regulated activity by the executive director is required prior to commencement of the new regulated activity.
- 17. An Edwards Aquifer protection plan approval or extension will expire and no extension will be granted if more than 50 percent of the total construction has not been completed within ten years from the initial approval of a plan. A new Edwards Aquifer protection plan must be submitted to the Austin Regional Office with the appropriate fees for review and approval by the executive director prior to commencing any additional regulated activities.
- 18. At project locations where construction is initiated and abandoned, or not completed, the site shall be returned to a condition such that the aquifer is protected from potential contamination.

If you have any questions or require additional information, please contact Mr. Zach Lanfear of the Edwards Aquifer Protection Program of the Austin Regional Office at (512) 339-2929.

Sincerely,

Glenn Shankle Executive Director Texas Commission on Environmental Quality

GS/zcl

Enclosure:

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

cc:

Mr. Rustin Roussel, P.E., Bury+Partners, Inc.
The Honorable Dan A. Gattis, County Judge, Williamson County
Mr. Danny Halden, P.E., City Engineer, City of Round Rock
Mr. Paulo C. Pinto, B.S., R.S., Director of Environmental Services, Williamson County & Cities Health District
Central Records, TCEQ Information Resources Division, Austin

Change in Responsibility for Maintenance on Permanent Best Management Practices and Measures

The applicant is no longer responsible for maintaining the permanent best management practice (BMP) and other measures. The project information and the new entity responsible for maintenance is listed below.

Customer:					
Regulated Entity Name	9:				
Site Address:					
City, ⊺exas, Zip:					
County:					
Approval Letter Date:					
BMPs for the project:					
				i.e.	
New Responsible Part	y:				
Name of contact:					
Mailing Address:					
City, State:				Zip:	
Telephone:			FAX:		
.er.					
Signature of New Resp	oonsible Party	Date			

I acknowledge and understand that I am assuming full responsibility for maintaining all permanent best management practices and measures approved by the TCEQ for the site, until another entity assumes such obligations in writing or ownership is transferred.

If you have questions on how to fill out this form or about the Edwards Aquifer protection program, please contact us at 210/490-3096 for projects located in the San Antonio Region or 512/339-2929 for projects located in the Austin Region.

Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 512/239-3282.

TCEQ-10263 (10/01/04)

Kimley »Horn

ATTACHMENT B: NARRATIVE OF PROPOSED MODIFICATION

May 2, 2023

Texas Commission on Environmental Quality Austin Regional Office 12100 Park 35 Circle Building A, 3rd Floor Austin, Texas 78753

RE: WPAP Modification - Outback Steakhouse Round Rock 4151 N. IH 35, Round Rock, Texas

To Whom it may concern,

The purpose of this letter is to request a WPAP Modification submittal for the new site plan located at 4151 N. IH 35, Round Rock, Texas 78665.

The Site Plan application for the previous site plan, "Chandler IH 35 Retail, Ltd.", was originally approved by the TCEQ on September 13, 2007. Please see below for a summary of the changes made for this Site Plan.

- One (1) existing restaurant building is being demolished and updated to one (1) new restaurant building.
- The new building will be decreased in footprint versus the previous site plan.
- The utility connections for water and wastewater services will be modified for the new building, but the existing water and wastewater mains that serve the new building will remain in the same location.
- All proposed telecom and electric will be located underground to connect to the proposed building.
- Landscape configuration has been modified and impervious area has been reduced to accommodate the revised building footprint.
- Wet basin pond will maintain its location and footprint and continue to receive the Site Plan's storm runoff.

With these changes, the impervious cover will be reduced from 51.59% to 51.27% for the proposed site plan.

Please contact me at (737) 787-8638 or at devin.king@kimley-horn.com if you have any questions.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.

Devin D. King, P.E.

737 787 8638



SURVEYOR MATKIN HOOVER 8 SPENCER ROAD SUITE 300 BOERNE, TX 78006 PH. (830) 249-0600

AUSTIN, TEXAS 78735

PREPARED BY

5301 SOUTHWEST PARKWAY, BUILDING 2, SUITE 100 CERTIFICATE OF REGISTRATION #928

Tel. No. (512) 418-1771 Fax No. (512) 418-1791

PH: (512) 218 - 5594

GEORGETOWN, TX 78626 AUSTIN, TX 78752 PH: (512) 870-4760

PH: (512) 930 - 8498

CIVIL SITE DEVELOPMENT IMPROVEMENTS FOR **OUTBACK STEAKHOUSE** 4151 N IH 35 CITY OF ROUND ROCK, WILLIAMSON COUNTY, TEXAS 78664 SHEET INDEX

NORTH PROJECT LOCATION FM 1431 **VICINITY MAP**

M 229	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.	STATE OF TEXAS COUNTY OF WILLIAMSON I, DEVIN D. KING, DO HEREBY CERTIFY THAT THE PUBLIC WORKS AND DRAINAGE IMPROVEMENTS SHOWN HEREIN HAVE BEEN DESIGNED IN COMPLIANCE WITH THE BUILDING REGULATION ORDINANCES AND STORM WATER DRAINAGE POLICY ADOPTED BY THE CITY OF ROUND ROCK, TEXAS.	THIS NOTE TRAFFIC C MINIMUM O TRAFFIC C WAY MANA RECOGNIZI VERSION O OR PLAN REVIEW. DEVELOPIN
	ACCEPTED FOR CONSTRUCTION:	05/09/2023	PEDESTRIA UNLESS C NO LONG- MANAGEME TO MINIMI
	CITY OF ROUND ROCK, TEXAS DATE PLANNING & DEVELOPMENT SERVICES DEPARTMENT	DEVIN D. KING, P.E. DATE ENGINEER OF RECORD	PROJECT

SCALE: 1" = 1,000'

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	FINAL PLAT (1 OF 2)
3	FINAL PLAT (2 OF 2)
4	GENERAL NOTES
5	KIMLEY-HORN GENERAL NOTES
6	EXISTING CONDITIONS AND DEMOLITION PLAN
7	EROSION CONTROL PLAN
8	SITE PLAN
9	DIMENSION CONTROL PLAN
10	GRADING PLAN
11	PAVING PLAN
12	EXISTING DRAINAGE AREA MAP
13	PROPOSED DRAINAGE AREA MAP
14	INLET DRAINAGE AREA MAP
15	STORM PLAN
16	WATER PLAN
17	WASTEWATER PLAN
18	FIRE PROTECTION PLAN
19	SITE DETAILS
20	STORM DRAIN DETAILS
21	UTILITY DETAILS (SHEET 1 OF 3)
22	UTILITY DETAILS (SHEET 2 OF 3)
23	UTILITY DETAILS (SHEET 3 OF 3)
24	EROSION CONTROL DETAILS
25	TREE PRESERVATION PLAN
26	LANDSCAPE PLAN
27	LANDSCAPE SCHEDULE
28	LANDSCAPE DETAILS
29	LANDSCAPE SPECIFICATIONS
30	PHOTOMETRIC PLAN

SITE D	ATA TABLE
ADDRESS	4151 N IH 35
SUBDIVISION	REPLAT OF CHANDLER ROAD RETAIL
	SECTION 1, BLOCK A, LOT 1A
EXISTING USE:	RESTAURANT
PROPOSED USE:	RESTAURANT
EXISTING ZONING:	PUD 59
PROPERTY SIZE:	1.78 AC
	77,711 SF
EXISTING IMPERVIOUS:	52,623 SF
EXISTING IMPERVIOUS COVER:	67.71%
PROPOSED IMPERVIOUS AREA:	50,474 SF
PROPOSED IMPERVIOUS COVER:	65%
BUILD	ING DATA
BUILDING SIZE:	4,694 SF
BUILDING HEIGHT:	24'
CONSTRUCTION TYPE:	VB, SPRINKLERED
BUILDING OCCUPANCY:	A-2
PARK	ING DATA
REQUIRED PARKING (1:100 SF)	47
TOTAL PARKING	78
REQUIRED ACCESSIBLE PARKING	4
PROPOSED ACCESSIBLE PARKING	4

IS BEING PLACED ON THE PLAN SET IN PLACE OF A TEMPORARY CONTROL STRATEGY WITH THE FULL UNDERSTANDING THAT. AT A OF 6 WEEKS PRIOR TO THE START OF CONSTRUCTION. A TEMPORARY CONTROL PLAN MUST BE REVIEWED AND APPROVED BY THE RIGHT OF AGEMENT DIVISION. THE OWNER/REPRESENTATIVE FURTHER ES THAT A REVIEW FEE, AS PRÉSCRIBED BY THE MOST CURRENT OF THE CITY'S FEE ORDINANCE, SHALL BE PAID EACH TIME A PLAN REVISION IS SUBMITTED TO RIGHT OF WAY MANAGEMENT DIVISION FOR THE FOLLOWING MUST BE TAKEN INTO CONSIDERATION WHEN NG FUTURE TRAFFIC CONTROL STRATEGIES:

AN AND BICYCLE TRAFFIC ACCESS MUST BE MAINTAINED AT ALL TIMES, THER WISE AUTHORIZED BY RIGHT OF WAY MANAGEMENT.

-TERM LANE CLOSURES WILL BE AUTHORIZED, UNLESS RIGHT OF WAY INT DETERMINES THAT ADEQUATE ACCOMMODATIONS HAVE BEEN MADE ZE TRAFFIC IMPACT.

SHOULD BE PHASED SO THAT UTILITY INSTALLATION MINIMALLY EXISTING OR TEMPORARY PEDESTRIAN FACILITIES.



BENCHMARKS

BM #1. SET IRON ROD WITH RED CAP

ELEVATION=770.06' (NAVD '88)

BM #2. SET MAG NAIL

ELEVATION= 773.51'

BM # 3. SET MAG NAIL

ELEVATION= 767.18'

BM #4. SET MAG NAIL

ELEVATION= 771.18'

BM #5. SET MAG NAIL

ELEVATION= 775.21'

BM #6. SET MAG NAIL

ELEVATION= 774.11'

NORTHING: 10177138.71', EASTING: 3128017.22',

NORTHING: 10177183.66', EASTING: 3128021.17',

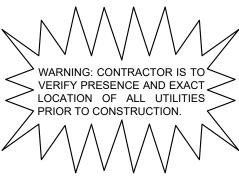
NORTHING: 10177447.38', EASTING: 3130546.55'

NORTHING: 10177425.29', EASTING: 3127896.69'

NORTHING: 10177477.65', EASTING: 3128100.75'

NORTHING: 10177254.11', EASTING: 3128197.02'

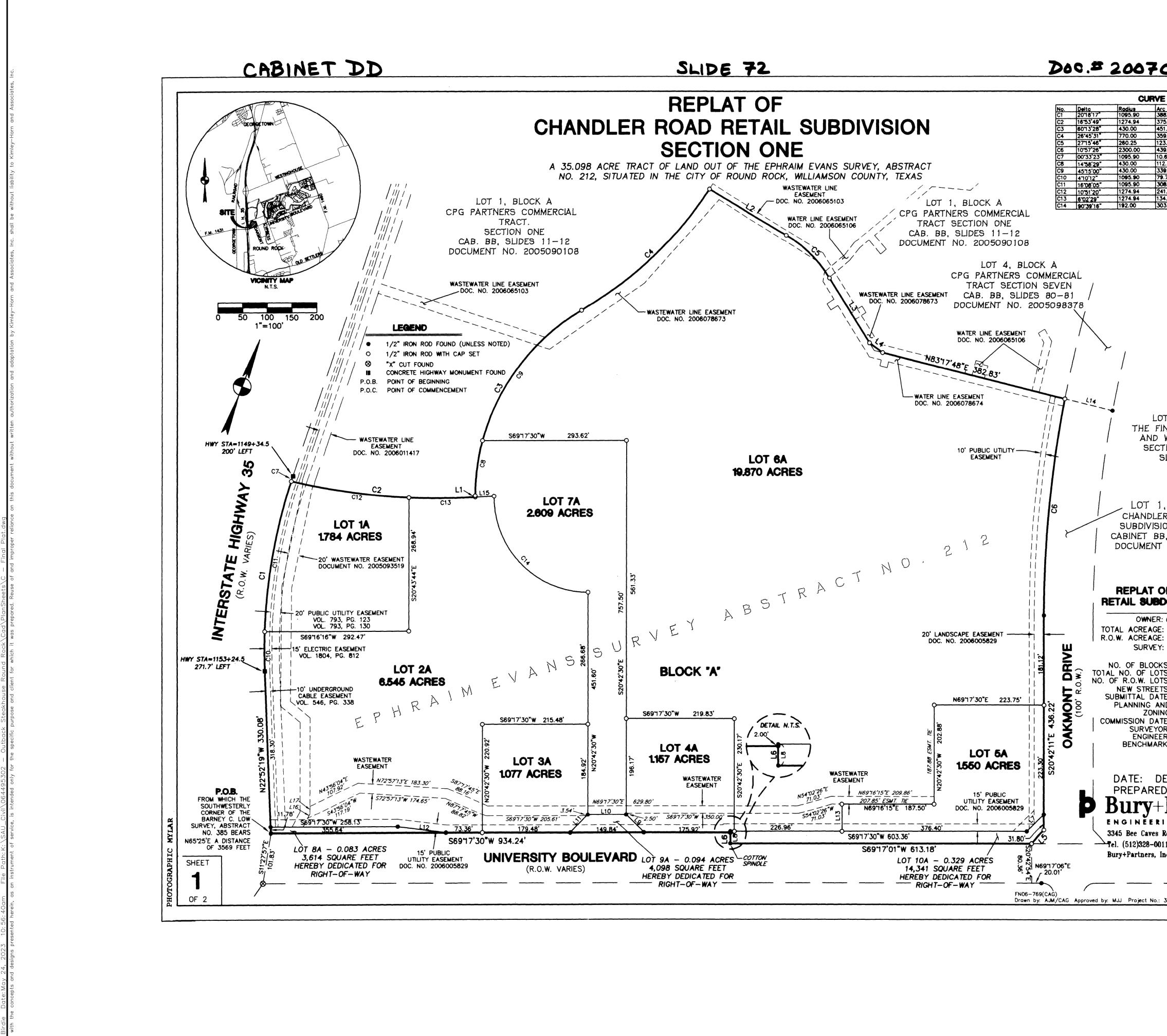
Know what's below. Call before you dig.



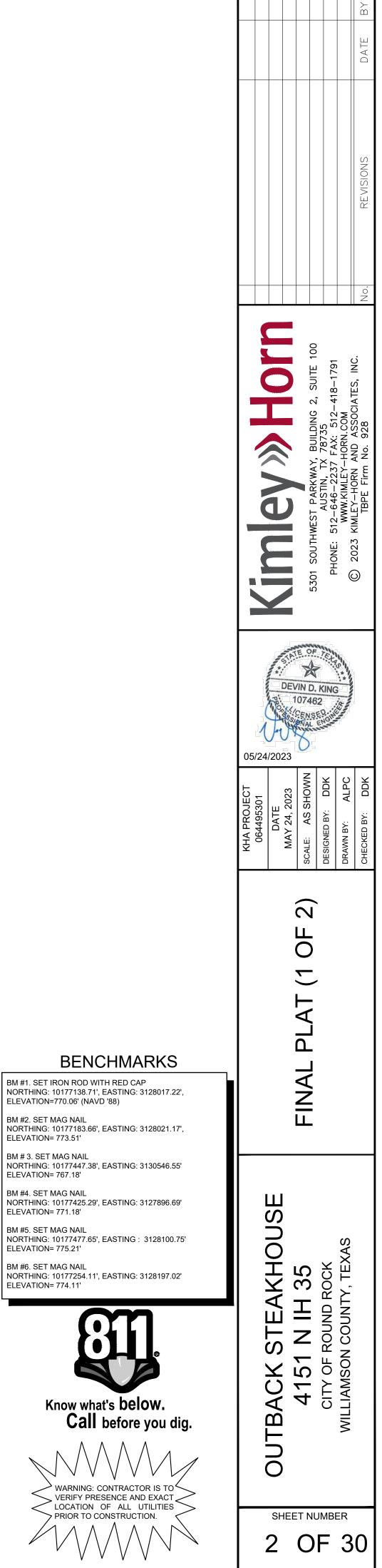
				NS DATE BY
	SUITE 100	-1791		No. REVISIONS
	5301 SOUTHWEST PARKWAY, BUILDING 2.	AUSTIN, TX 78735 PHONF: 512–646–2237 FAX: 512–418	CONTRACTOR AND ASSOCIATE	TBPE Firm No. 928
	O746	2 E.D. GIN E.N. GIN		K
DATE MAY 24, 2023	SCALE: AS SHOW	DESIGNED BY: DD	DRAWN BY: ALP(CHECKED BY: DDK
	COVER SHEET			
_	4151 N IH 35	CITY OF ROUND ROCK	WILLIAMSON COUNTY, TEXAS	
	OUTBACK STEAKHOUSE	OUTBACK STEAKHOUSE 4151 N IH 35 COVER SHEET SCALE: AS SHOWN 5301 SOUTHWEST PARKWAY, BUILDING 2,	OUTBACK STEAKHOUSE 4151 N IH 35 CITY OF ROUND ROCK CITY OF ROUND ROCK AND 24, 2023 COVER SHEET BESIGNED BY: DIX DESIGNED BY: DIX DIX DIX DIX DIX DIX DIX DIX DIX DIX	Date Date MAY 24, 2023 MAY 24, 2023 MAY 24, 2023 MAY 24, 2023 Scale: AS SHOWN Scale: AS SHOWN Desicned BY: DK DK DRAW BY: ALPC MAY 24, 2023 MAY 24, 2023 MAY 24, 2023 Scale: AS SHOWN Scale: AS SHOWN Desicned BY: DK DK DRAW BY: ALPC MAY 24, 2023 MAY 24, 2023 MAY 24, 2023 MAY 24, 2023 MAY 24, 2023 MAY 24, 2024 MAY 24, 2023 MAY 24, 2023 MAY 24, 2023 <t< th=""></t<>

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OF 30



2	549	9
No. L1 L2 L37 99 98 61 83 86 4 38 60 76 .61 55 43 .79 No. L1 L2 L3 L4 L5 L6 L7 L8 L9 L10 L11 L12 L3 L4 L5 L6 L7 L8 L9 L10 L11 L12 L13 L14 L15 L16 L17	r	Distance / 2.66' 182.14' 153.50' 33.11' / 35.36' / 20.06' / 49.27' / 22.06' / 50.91' / 77.84' 50.91' / 96.66' / 55.19' 100.15' / 38.06' 9.90'
NAL PI WHITE ION O	BLOCK * A LAT OF S SUBDIVIS NE CAB. 328-329	SCOTT SION AA
ROA N SEG , SLID	CK A D RETAIL CTION TY ES 165- 20060058	NO -166
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NG S Road, Sui 1 Fax (5	rtne olutic ite 200 Aus 512)328-0328 yright 2006) N S stin, Texas 78746



BENCHMARKS

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NORTHING: 10177425.29', EASTING: 3127896.69'

NORTHING: 10177254.11', EASTING: 3128197.02'

Know what's **below**.

WARNING: CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

CABINET DD STATE OF TEXAS)(COUNTY OF WILLIAMSON)(KNOW ALL MEN BY THESE PRESENTS)(THAT CHANDLER IN 35 RETAIL, LTD., AS OWNER OF THE CERTAIN 35.098 ACRE TRACT OF LAND, RECARDED IN Dec. # 1005043817. SHOWN HEREON, BEING ALL OF LOT 1, LOT 2, LOT 3 AND LOT 4 OF CHANDLER ROAD RETAIL SUBDIVISION SECTION ONE, A SUBDIVISION OF RECORD IN CABINET BB, SLIDES 163-164 OF THE PLAT RECORDS OF WILLIAMSON COUNTY, TEXAS; DO HEREBY SUBDIVIDE THE 35.098 ACRES AS SHOWN HEREON AND DEDICATE TO THE PUBLIC USE FOREVER THE STREETS, ALLEYS, EASEMENTS AND ALL OTHER LANDS INTENDED FOR PUBLIC DEDICATION AS SHOWN HEREON. THIS SUBDIVISION IS TO BE KNOWN AS THE "REPLAT OF CHANDLER ROAD RETAIL SUBDIVISION SECTION ONE". CHANDLER IH 35 RETAIL, LTD., A TEXAS LIMITED PARTNERSHIP BY: B&O DEVELOPMENT G.P., L.L.C., A TEXAS LIMITED LIABILITY COMPANY, ITS GENERAL PARTNER FIELDNOTE DESCRIPTION: -+1 2-20-07 C. Mulle C. PATRICK OLES, JR., PRESIDENT DATE 801 CONGRESS AVENUE, SUITE 300 AUSTIN, TX 78701 STATE OF TEXAS NTY OF WILLIAMSON)(KNOW ALL MEN BY THESE PRESENTS)(COUNTY OF WILLIAMSON)(C. PATRICK OLES, JR., OF B&O DEVELOPMENT, G.P., L.L.C. SUBAN C. HAU Notary Public, State of Texa My Commission Expires OF TEXAS Susan Hell February 02, 2006 MY COMMISSION EXPIRES: 2-2-7001 LIEN HOLDER STATEMENT STATE OF TEXAS COUNTY OF WILLIAMSON THAT JPMORGAN CHASE BANK, N.A., BY BRIAN J. TUERFF, THE LIEN HOLDER OF THOSE CERTAIN TRACTS OF LAND RECORDED IN DOCUMENT NO. 2000-2000 ____ OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS DO HEREBY CONSENT TO THE SUBDIVISION OF 34.592 ACRES OF LAND SITUATED IN THE CITY OF ROUND ROCK, WILLIAMSON COUNTY, TEXAS, AND DO FURTHER HEREBY JOIN, APPROVE, AND CONSENT TO THE THE DEDICATION TO THE PUBLIC USE FOREVER THE STREETS, ALLEYS, EASEMENTS AND ALL OTHER LANDS INTENDED FOR PUBLIC DEDICATION AS SHOWN HEREON. 1 mot Wallan JPMORGAN CHASE BANK, N.A. STATE OF TEXAS)(KNOW ALL MEN BY THESE PRESENTS) COUNTY OF WILLIAMSON)(THIS INSTRUMENT WAS ACKNOWLEDGED BEFORE ME ON THE _____ DAY OF TANGENCY; Rebecca Liel 20.07 BY BRIAN J. TUERFF, OF JPMORGAN CHASE BANK, N.A. NOTARY PUBLIC, STATE OF TEXAS PRINTED NAME: Rebecca, LFuller MY COMMISSION EXPIRES: 9/25/L FLOODPLAIN NOTE: NO PORTION OF THIS PLAT LIES WITHIN THE BOUNDARIES OF THE 100-YEAR FLOOD PLAIN OF A WATERWAY THAT IS WITHIN THE LIMITS OF STUDY OF THE FEDERAL FLOOD INSURANCE ADMINISTRATION PANEL NO 48491C0240C, DATED SEPTEMBER 27,1991. ALL PORTIONS OF THIS PLAT LIE IN ZONE X (AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOODPLAIN). ENGINEER'S CERTIFICATION THE STATE OF TEXAS COUNTY OF WILLIAMSON)(JUAN CARLOS GARCIA, DO HEREBY CERTIFY THAT THE INFORMATION CONTAINED ON THIS PLAT COMPLIES WITH THE SUBDIVISION ORDINANCES AND THE STORMATIR DRAINAGE POLICY ADOPTED BY THE CITY OF ROUND ROCK, TEXAS. JUAN CARLOS GARCIA, P.E. PROFESSIONAL ENGINEER UAN CARLOS GARC 87712 CENSEN SURVEYOR'S CERTIFICATION STATE OF TEXAS)(COUNTY OF WILLIAMSON)(THAT I, MARK J. JEZISEK, DO HEREBY CERTIFY THAT I PREPARED THIS PLAT FROM AN ACTUAL AND ACCURATE ON-THE-GROUND SURVEY OF THE LAND AND THAT THE CORNER MONUMENTS SHOWN HEREON WERE PROPERLY PLACED UNDER MY PERSONAL SUPERVISION, IN ACCORDANCE WITH THE SUBDIVISION REGULATIONS OF THE CITY OF ROUND ROCK, TEXAS. MARK JERRY JEZISEY SHEET 5267 ¥19/67_ 0 REGISTERED PROFESSIO LAND SURVEYOR No. 520 OF 2

SLIDE 73

REPLAT OF CHANDLER ROAD RETAIL SUBDIVISION SECTION ONE

A 35.098 ACRE TRACT OF LAND OUT OF THE EPHRAIM EVANS SURVEY, ABSTRACT NO. 212, SITUATED IN THE CITY OF ROUND ROCK, WILLIAMSON COUNTY, TEXAS

OF 35.098 ACRES OF LAND OUT OF THE EPHRAIM EVANS SURVEY, ABSTRACT NO. 212, SITUATED IN THE CITY OF ROUND ROCK, WILLIAMSON COUNTY, TEXAS, BEING ALL OF LOT 1, LOT 2, LOT 3 AND LOT 4, BLOCK "A" CHANDLER ROAD RETAIL SUBDIVISION SECTION ONE, A SUBDIVISION OF RECORD IN CABINET BB, SLIDES 163-164 OF PLAT RECORDS OF WILLIAMSON COUNTY, TEXAS; SAID 35.098 ACRES BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING, AT A 1/2 INCH IRON ROD FOUND AT THE INTERSECTION OF THE EASTERLY RIGHT-OF-WAY LINE OF INTERSTATE HIGHWAY 35 (R.O.W. VARIES) AND THE NORTHERLY RIGHT-OF-WAY LINE OF UNIVERSITY BOULEVARD (R.O.W. VARIES), BEING THE SOUTHWESTERLY CORNER OF SAID LOT 2 AND HEREOF;

THENCE, LEAVING THE NORTHERLY RIGHT-OF-WAY LINE OF UNIVERSITY BOULEVARD, ALONG THE EASTERLY LINE OF INTERSTATE HIGHWAY 35, BEING THE WESTERLY LINES OF SAID LOT 2 AND LOT 1, FOR THE WESTERLY LINE HEREOF, THE FOLLOWING TWO (2) COURSES AND DISTANCES:

1) N22'52'19"W, A DISTANCE OF 330.08 FEET TO A CONCRETE HIGHWAY MONUMENT FOUND AT HIGHWAY STATION 1153+24.5, 271.7 FEET LEFT, BEING THE POINT OF CURVATURE OF A CURVE TO THE RIGHT;

2) ALONG SAID CURVE TO THE RIGHT HAVING A RADIUS OF 1095.90 FEET, A CENTRAL ANGLE OF 2018'17", AN ARC DISTANCE OF 388.37 FEET AND A CHORD WHICH BEARS N12'45'48"W. A DISTANCE OF 386.34 FEET TO A 1/2 INCH IRON ROD WITH CAP SET FOR THE POINT OF CURVATURE OF A NON-TANGENT CURVE TO THE LEFT, SAME BEING THE NORTHWESTERLY CORNER OF SAID LOT 1, SAME BEING THE SOUTHEASTERLY CORNER OF LOT 1, BLOCK A CPG PARTNERS COMMERCIAL TRACT, SECTION ONE A SUBDIVISION OF RECORD IN CABINET BB, SLIDES 11–12 OF SAID PLAT RECORDS, FROM WHICH A CONCRETE HIGHWAY MONUMENT FOUND FOR THE END OF SAID CURVE IN THE EASTERLY LINE OF INTERSTATE HIGHWAY 35 AT HIGHWAY STATION 1149+34.5, 200 FEET LEFT BEARS WITH THE ARC OF SAID CURVE NO2"19'58"W, A CHORD DISTANCE OF 10.64 FEET;

THENCE, LEAVING THE EASTERLY RIGHT-OF-WAY LINE OF INTERSTATE HIGHWAY 35, ALONG THE SOUTHERLY LINE OF LOT 1 OF SAID CPG PARTNERS COMMERCIAL TRACT SECTION ONE, BEING THE NORTHERLY LINE OF LOT 1 OF SAID CHANDLER ROAD RETAIL SUBDIVISION SECTION ONE, FOR THE NORTHERLY LINE HEREOF, THE FOLLOWING NINE (9) COURSES AND DISTANCES:

1) ALONG SAID NON-TANGENT CURVE TO THE LEFT HAVING A RADIUS OF 1274.94 FEET, A CENTRAL ANGLE OF 16*53'49', AN ARC LENGTH OF 375.99 FEET AND A CHORD WHICH BEARS N74'20'15"E, A DISTANCE OF 374.62 FEET TO A 1/2 INCH IRON ROD WITH CAP SET FOR THE END OF SAID CURVE;

2) N20'43'21"W, A DISTANCE OF 2.86 FEET TO A 1/2 INCH IRON ROD WITH CAP SET FOR THE POINT OF CURVATURE OF A CURVE TO THE

3) ALONG SAID CURVE TO THE RIGHT HAVING A RADIUS OF 430.00 FEET, A CENTRAL ANGLE OF 60"13'28", AN ARC LENGTH OF 451.98 FEET, AND A CHORD WHICH BEARS N09'23'23"E, A DISTANCE OF 431.46 FEET TO A 1/2 INCH IRON ROD WITH CAP SET FOR THE POINT OF CURVATURE OF A REVERSE CURVE TO THE LEFT;

4) ALONG SAID REVERSE CURVE TO THE LEFT HAVING A RADIUS OF 770.00 FEET, A CENTRAL ANGLE OF 26'45'31", AN ARC LENGTH OF 359.61 FEET, AND A CHORD WHICH BEARS N26'07'22"E, A DISTANCE OF 356.35 FEET TO A 1/2 INCH IRON ROD WITH CAP SET FOR THE END OF SAID CURVE;

5) S80'00'18"E, A DISTANCE OF 182.14 FEET TO A 1/2 INCH IRON ROD WITH CAP SET FOR THE POINT OF CURVATURE OF A CURVE TO THE

6) ALONG SAID CURVE TO THE RIGHT HAVING A RADIUS OF 260.25 FEET, A CENTRAL ANGLE OF 27"15'46", AN ARC LENGTH OF 123.83 FEET, AND A CHORD WHICH BEARS S66"22'25"E, A DISTANCE OF 122.67 FEET TO A 1/2 INCH IRON ROD WITH CAP SET FOR THE POINT OF

7) S52'44'31"E, A DISTANCE OF 153.59 FEET TO A 1/2 INCH IRON ROD WITH CAP SET FOR AN ANGLE POINT;

8) S74'43'22"E, A DISTANCE OF 33.11 FEET TO A 1/2 INCH IRON ROD WITH CAP SET FOR AN ANGLE POINT;

N83"17'48"E, A DISTANCE OF 382.83 FEET TO A 1/2 INCH IRON ROD WITH CAP SET IN THE CURVING WESTERLY RIGHT-OF-WAY LINE OF OAKMONT DRIVE (100' R.O.W.) FOR THE POINT OF CURVATURE OF A NON-TANGENT CURVE TO THE LEFT FOR THE NORTHEASTERLY CORNER OF SAID LOT 1 AND HEREOF, SAME BEING THE NORTHWESTERLY CORNER OF LOT 1, BLOCK A CHANDLER ROAD RETAIL SUBDIVISION SECTION TWO, A SUBDIVISION OF RECORD IN CABINET BB, SLIDES 165-166 OF SAID PLAT RECORDS, FROM WHICH A 1/2 INCH IRON ROD FOUND IN THE EASTERLY RIGHT-OF-WAY LINE OF OAKMONT DRIVE FOR THE NORTHEASTERLY CORNER OF LOT 1. BLOCK A OF SAID CHANDLER ROAD RETAIL SUBDIVISION SECTION TWO BEARS N83'17'48"E, A DISTANCE OF 100.15 FEET;

THENCE, ALONG THE WESTERLY LINE OF OAKMONT DRIVE, SAME BEING THE WESTERLY LINE OF LOT 1, BLOCK A OF SAID CHANDLER ROAD RETAIL SUBDIVISION SECTION TWO, BEING THE EASTERLY LINES OF LOT 1 AND LOT 3 OF SAID CHANDLER ROAD RETAIL SECTION ONE FOR THE EASTERLY LINE HEREOF, THE FOLLOWING THREE (3) COURSES AND DISTANCES:

1) ALONG SAID NON-TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 2300.00 FEET, A CENTRAL ANGLE OF 10"57"26", AN ARC LENGTH OF 439.86 FEET, AND A CHORD WHICH BEARS S15'13'28"E, A DISTANCE OF 439.19 FEET TO A 1/2 INCH IRON ROD WITH CAP SET FOR THE POINT OF TANGENCY;

2) S20'42'11"E, A DISTANCE OF 436.23 FEET TO A 1/2 INCH IRON ROD WITH CAP SET FOR AN ANGLE POINT IN THE WESTERLY LINE HEREOF, BEING THE SOUTHEASTERLY CORNER OF SAID LOT 3:

3) S2417'06"W, A DISTANCE OF 35.36 FEET TO A 1/2 INCH IRON ROD WITH CAP SET FOR THE SOUTHEASTERLY CORNER HEREOF, BEING IN THE NORTHERLY RIGHT-OF-WAY LINE OF UNIVERSITY BOULEVARD, FROM WHICH A 1/2 INCH IRON ROD FOUND IN THE SOUTHERLY RIGHT-OF-WAY LINE OF UNIVERSITY BOULEVARD FOR THE NORTHWESTERLY CORNER OF LOT 1, OAKMONT CENTRE SECTION TWO, A SUBDIVISION OF RECORD IN CABINET F, SLIDE 174 OF SAID PLAT RECORDS BEARS S20"42"54"E, A DISTANCE OF 80.36 FEET AND N69'17'06"E. A DISTANCE OF 20.01 FEET;

THENCE, ALONG THE NORTHERLY LINE OF UNIVERSITY BOULEVARD, BEING IN PART THE SOUTHERLY LINE OF SAID LOT 3, A PORTION OF THE SOUTHERLY LINE OF LOT 1 OF SAID CHANDLER ROAD RETAIL SUBDIVISION SECTION ONE, AND THE SOUTHERLY LINES OF SAID LOTS 2 AND 4 FOR THE SOUTHERLY LINE HEREOF, THE FOLLOWING THREE (3) COURSES AND DISTANCES:

1) S69"17'01"W, A DISTANCE OF 613.18 FEET TO A COTTON GIN SPINDLE FOUND FOR AN ANGLE POINT;

2) N20'43'37"W, A DISTANCE OF 20.06 FEET TO A 1/2 INCH IRON ROD FOUND FOR AN ANGLE POINT;

S6917'30"W, A DISTANCE OF 934.24 FEET TO THE POINT OF BEGINNING, CONTAINING AN AREA OF 35.098 ACRES (1,528,877 SQ. FT.) OF LAND, MORE OR LESS, WITHIN THESE METES AND BOUNDS.

GENERAL NOTES

- 1) BUILDING SETBACKS SHALL BE IN ACCORDANCE WITH CHAPTER 1 ROUND ROCK CODE OF ORDINANCES (1995 EDITION) OR AS APP WITH THE DESIGN AND CONSTRUCTION STANDARDS.
- 2) SIDEWALKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CHAP CITY OF ROUND ROCK CODE OF ORDINANCES (1995 EDITION), / ROUND ROCK DESIGN AND CONSTRUCTION STANDARDS, OR IN A PROVISIONS OF PUD 59 AND SAID DESIGN AND CONSTRUCTION
- 3) NO OBSTRUCTIONS, INCLUDING BUT NOT LIMITED TO FENCING OR BE PERMITTED IN ANY DRAINAGE EASEMENTS SHOWN HEREON.
- 4) ADDITIONAL EASEMENTS NOT SHOWN ON THIS PLAT WILL BE DETE OF SITE DEVELOPMENT PERMIT AND DEDICATED BY SEPARATE INS
- 5) THIS PLAT CONFORMS TO THE REVISED FINAL PLAT APPROVED BY ZONING COMMISSION ON FEBRUARY 7, 2007.
- 6) ALL BEARINGS REFERENCED HEREON ARE REFERENCED TO THE S SYSTEM, TEXAS CENTRAL ZONE IN TERMS OF NAD 83/93 DATUM FEET. SURFACE DISTANCES SHOWN HEREON MAY BE CONVERTED BY THE COMBINED SCALE FACTOR OF 0.999870053. THIS BASIS UPON THE SAME SURVEY CONTROL FOR THE TERAVISTA SUBDIVIS
- 7) LOTS 1A, 2A, 3A, & 4A SHALL NOT HAVE DIRECT ACCESS TO AN ACCESS AGREEMENTS WILL BE ALLOWED FOR ACCESS BETWEEN LOT 3A AND LOT 4A AND THEIR ADJACENT RIGHT-OF-WAY.
- 8) LOTS 8A, 9A, AND 10A ARE HEREBY DEDICATED AS PUBLIC RIGH
- 9) A 10 FOOT SIDEWALK EASEMENT ABUTTING AND ALONG THE STRE SHALL BE DEDICATED FOR ALL STREET SIDE PROPERTY LOTS SHO
- 10) NO PORTION OF THIS TRACT IS ENCROACHED BY THE ULTIMATE DEFINED BY CURRENT CITY OF ROUND ROCK ORDINANCES.

CITY OF ROUND ROCK CERTIFICATIONS: APPROVED THIS 710 DAY OF FEBRUARY BY THE CITY PLANNING AND ZONING COMMISSION OF THE CITY ROCK, TEXAS, AND AUTHORIZED TO BE FILED FOR RECORD BY COUNTY CLERK OF WILLIAMSON COUNTY, TEXAS. AL KOSIK, Lowh HAIRMAN Jaky Wenold, Commissioner

PASSED AND APPROVED. ON THE 70 DAY OF FEB. 20**97_**

CITY OF ROUND ROCK, TEXAS

Christine R. Martiner R. MARIINEZ CITY SECRETART CITY OF ROUND ROCK, TEXAS

COUNTY CLERK CERTIFICATION

THE STATE OF TEXAS X

COUNTY OF WILLIAMSON)(

I, NANCY RISTER, CLERK OF THE COUNTY COURT OF SAID COUN HEREBY CERTIFY THAT THE FOREGOING INSTRUMENT IN WRITING,

CERTIFICATION OF AUTHENTICATION, WAS FILED FOR RECORD IN I ON THE _____ DAY OF ___ APRIL____ A.D., 20.07,

A.M. AND DULY RECORDED ON THE _____ DAY OF _ APR

AT (1:08 O'CLOCK A. M. IN THE PLAT RECORDS OF SAID COL

CABINET DD , SLIDE(S) 72 AND 73 WITNESS MY HAND AND SEAL OF THE COUNTY COURT OF SAID (OFFICE IN GEORGETOWN, TEXAS, THE DATE LAST ABOVE WRITTEN

NANCY RISTER, CLERK, COUNTY COURT WILLIAMSON COUNTY, TEXAS

		DATE BY
RAL NOTES DING SETBACKS SHALL BE IN ACCORDANCE WITH CHAPTER 11, ZONING, CITY OF ND ROCK CODE OF ORDINANCES (1995 EDITION) OR AS APPROVED BY PUD 59 AND THE DESIGN AND CONSTRUCTION STANDARDS.		REVISIONS
WALKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CHAPTER 8, SUBDIVISIONS, OF ROUND ROCK CODE OF ORDINANCES (1995 EDITION), AND WITH THE CITY OF ND ROCK DESIGN AND CONSTRUCTION STANDARDS, OR IN ACCORDANCE WITH THE VISIONS OF PUD 59 AND SAID DESIGN AND CONSTRUCTION STANDARDS.		
DESTRUCTIONS, INCLUDING BUT NOT LIMITED TO FENCING OR STORAGE, SHALL PERMITTED IN ANY DRAINAGE EASEMENTS SHOWN HEREON.		
TIONAL EASEMENTS NOT SHOWN ON THIS PLAT WILL BE DETERMINED AT THE TIME SITE DEVELOPMENT PERMIT AND DEDICATED BY SEPARATE INSTRUMENT.		
PLAT CONFORMS TO THE REVISED FINAL PLAT APPROVED BY THE PLANNING AND ING COMMISSION ON FEBRUARY 7, 2007. BEARINGS REFERENCED HEREON ARE REFERENCED TO THE STATE PLANE COORDINATE		SUITE 100 1791 S, INC.
TEM, TEXAS CENTRAL ZONE IN TERMS OF NAD 83/93 DATUM EXPRESSED IN US SURVEY SURFACE DISTANCES SHOWN HEREON MAY BE CONVERTED TO GRID BY MULTIPLYING THE COMBINED SCALE FACTOR OF 0.999870053. THIS BASIS OF BEARING IS BASED IN THE SAME SURVEY CONTROL FOR THE TERAVISTA SUBDIVISION DEVELOPMENT.		NG 2, SUITE MG 2, SUITE M SOCIATES, IN
1A, 2A, 3A, & 4A SHALL NOT HAVE DIRECT ACCESS TO ANY PUBLIC ROADWAY. JOINT ESS AGREEMENTS WILL BE ALLOWED FOR ACCESS BETWEEN LOT 1A, LOT 2A, 3A AND LOT 4A AND THEIR ADJACENT RIGHT-OF-WAY. 8A, 9A, AND 10A ARE HEREBY DEDICATED AS PUBLIC RIGHT-OF-WAY.		AY, BUILDIN TX 78735 37 FAX: 57 37 FAX: 57 1 AND ASS n No. 928
FOOT SIDEWALK EASEMENT ABUTTING AND ALONG THE STREET SIDE PROPERTY LINE. BE DEDICATED FOR ALL STREET SIDE PROPERTY LOTS SHOWN HEREON.		PARKW/ USTIN, 466–227 //HORN, FIE Firr
PORTION OF THIS TRACT IS ENCROACHED BY THE ULTIMATE 100 YEAR FLOODPLAIN AS NED BY CURRENT CITY OF ROUND ROCK ORDINANCES.		ELECTION REPORT
(OF ROUND ROCK CERTIFICATIONS: ROVED THIS DAY OF FEBRUARY , 2007 , THE CITY PLANNING AND ZONING COMMISSION OF THE CITY OF ROUND (, TEXAS, AND AUTHORIZED TO BE FILED FOR RECORD BY THE NTY CLERK OF WILLIAMSON COUNTY, TEXAS.		5301 SOUTH PHONE: © 2023
OSIK, CHAIRMAN		
R DRAPES, VICE CHAIRMAN		SATE OF SHO
SED AND APPROVED, ON THE 72 DAY OF FEBRUARY		DEVIN D. KING
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OF ROUND ROCK, TEXAS		05/24/2023
STINE R. MARTINEZ, CITY SECRETARY OF ROUND ROCK, TEXAS		KHA PROJECT 064495301 DATE MAY 24, 2023 ALE: AS SHOWN SIGNED BY: DDK AWN BY: ALPC ECKED BY: DDK
INTY CLERK CERTIFICATION STATE OF TEXAS)(KHA PRO 064495 DATI MAY 24, SCALE: AS DESIGNED BY: DRAWN BY: CHECKED BY:
NTY OF WILLIAMSON)(NCY RISTER, CLERK OF THE COUNTY COURT OF SAID COUNTY, DO		
BY CERTIFY THAT THE FOREGOING INSTRUMENT IN WRITING, WITH ITS IFICATION OF AUTHENTICATION, WAS FILED FOR RECORD IN MY OFFICE		F 2)
THE 9^{TH} DAY OF $APRIL$ A.D., 2007, AT 10:200'CLOCK AND DULY RECORDED ON THE 9^{TH} DAY OF $APRIL$ A.D., 2007		(5 0
0'CLOCK A. M. IN THE PLAT RECORDS OF SAID COUNTY, IN		
NET DD , SLIDE(S) 72 AND 73 . ESS MY HAND AND SEAL OF THE COUNTY COURT OF SAID COUNTY, AT		PLAT
CE IN GEORGETOWN, TEXAS, THE DATE LAST ABOVE WRITTEN. CY RISTER, CLERK, COUNTY COURT AMSON CAUNTY, TEXAS	BENCHMARKS	I I I
DEPUTY WILLIAM WEHLING	NORTHING: 10177138.71', EASTING: 3128017.22', ELEVATION=770.06' (NAVD '88)	FINAL
REPLAT OF CHANDLER ROAD RETAIL SUBDIVISION SECTION ONE	BM #2. SET MAG NAIL NORTHING: 10177183.66', EASTING: 3128021.17', ELEVATION= 773.51'	
DATE: DECEMBER, 2006 PREPARED BY:	BM # 3. SET MAG NAIL NORTHING: 10177447.38', EASTING: 3130546.55' ELEVATION= 767.18'	
P Bury+Partners ENGINEERING SOLUTIONS	BM #4. SET MAG NAIL NORTHING: 10177425.29', EASTING: 3127896.69' ELEVATION= 771.18'	L SU N SU N SU
3345 Bee Caves Road, Suite 200 Austin, Texas 78746 Tel. (512)328-0011 Fax (512)328-0325	BM #5. SET MAG NAIL NORTHING: 10177477.65', EASTING : 3128100.75' ELEVATION= 775.21'	
Bury+Partners, Inc. ©Copyright 2006 FN06-769(CAG) Drawn by: AJM/CAG Approved by: MJJ Project No.: 392-45.20 File: H:\392\45\39245PL5.dwg	BM #6. SET MAG NAIL NORTHING: 10177254.11', EASTING: 3128197.02' ELEVATION= 774.11'	×, TEX Nock
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	WARNING: CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.	SHEET NUMBER
		3 OF 30
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CONSTRUCTION SUMMARY TABLE

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GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF ROUND ROCK STANDARD SPECIFICATIONS MANUAL.
 ANY EXISTING UTILITIES, PAVEMENT, CURBS, SIDEWALKS, STRUCTURES, TREES,
- ETC., NOT PLANNED FOR DEMOLITION OR REMOVAL THAT ARE DAMAGED OR REMOVED SHALL BE REPAIRED OR REPLACED AT CONTRACTORS EXPENSE.
- 3. THE CONTRACTOR SHALL VERIFY ALL DEPTHS AND LOCATIONS OF EXISTING UTILITIES PRIOR TO ANY CONSTRUCTION. ANY DISCREPANCIES WITH THE CONSTRUCTION PLANS FOUND IN THE FIELD SHALL BE BROUGHT IMMEDIATELY TO THE ATTENTION OF THE ENGINEER WHO SHALL BE RESPONSIBLE FOR REVISING THE PLANS AS APPROPRIATE.
- 4. MANHOLE FRAMES, COVERS, VALVES, CLEANOUTS, ETC. SHALL BE RAISED TO FINISHED GRADE PRIOR TO FINAL PAVING CONSTRUCTION.5. THE CONTRACTOR SHALL GIVE THE CITY OF ROUND ROCK 48 HOURS NOTICE
- BEFORE BEGINNING EACH PHASE OF CONSTRUCTION. TELEPHONE 512-218-5428 (PLANNING AND DEVELOPMENT SERVICES DEPARTMENT). 6. ALL AREAS DISTURBED OR EXPOSED DURING CONSTRUCTION SHALL BE
- REVEGETATED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS AS WELL AS THE STANDARD SPECIFICATIONS MANUAL SERIES 600. REVEGETATION OF ALL DISTURBED OR EXPOSED AREAS SHALL CONSIST OF SODDING OR SEEDING, AT THE CONTRACTOR'S OPTION. HOWEVER, THE TYPE OF REVEGETATION MUST EQUAL OR EXCEED THE TYPE OF VEGETATION PRESENT BEFORE CONSTRUCTION.
- 7. PRIOR TO ANY COUSTRUCTION, THE ENGINEER SHALL CONVENE A PRECONSTRUCTION CONFERENCE BETWEEN THE CITY OF ROUND ROCK, HIMSELF, THE CONTRACTOR, OTHER UTILITY COMPANIES, ANY AFFECTED PARTIES AND ANY OTHER ENTITY THE CITY OR ENGINEER MAY REQUIRE.
- 8. THE CONTRACTOR AND THE ENGINEER SHALL KEEP ACCURATE RECORDS OF ALL CONSTRUCTION THAT DEVIATES FROM THE PLANS. ANY DEVIATIONS SHALL BE INCORPORATED INTO A REVISION AND APPROVED BY PLANNING AND DEVELOPMENT SERVICES. THE ENGINEER SHALL FURNISH THE CITY OF ROUND ROCK ACCURATE "AS-BUILT" RECORD DRAWINGS FOLLOWING COMPLETION OF ALL CONSTRUCTION. THESE DRAWINGS SHALL MEET THE SATISFACTION OF THE ENGINEERING AND DEVELOPMENT SERVICES DEPARTMENT PRIOR TO FINAL ACCEPTANCE.
- 9. THE CITY OF ROUND ROCK SHALL NOT BE PETITIONED FOR ACCEPTANCE UNTIL ALL NECESSARY EASEMENT DOCUMENTS HAVE BEEN SIGNED AND RECORDED.
- 10.WHEN CONSTRUCTION IS BEING CARRIED OUT WITHIN EASEMENTS, THE CONTRACTOR SHALL CONFINE HIS WORK TO WITHIN THE PERMANENT AND ANY TEMPORARY EASEMENTS. PRIOR TO FINAL ACCEPTANCE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL TRASH AND DEBRIS WITHIN THE PERMANENT AND TEMPORARY EASEMENTS. CLEAN-UP SHALL BE TO THE SATISFACTION OF THE PLANNING AND DEVELOPMENT SERVICES INSPECTOR.
- 11.PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL APPLY FOR AND SECURE ALL PROPER PERMITS FROM THE APPROPRIATE AUTHORITIES.
- 12.AVAILABLE PERMANENT BENCHMARKS WITH HORIZONTAL DATUM, VERTICAL DATUM, AND GOID INFORMATION THAT MAY BE UTILIZED FOR THE CONSTRUCTION OF THIS PROJECT ARE DESCRIBED AS FOLLOWS:

1. SET IRON ROD W/ RED CAP	4.SET MAG NAIL
N: 10177138.7	N: 10177425.3
E: 3128017.2	E: 3127896.69
ELEVATION=770.06'	ELEVATION=77.18'
2. SET MAG NAIL	5. SET MAG NAIL
N: 10177183.7	N: 10177477.7
E: 3128021.2	E: 3128100.8
ELEVATION=773.51'	ELEVATION=775.21'
3. SET MAG NAIL N: 10177447.4 E: 3130546.6 ELEVATION=767.18' TRENCH SAFETY NOTES:	6. SET MAG NAIL N. 10177254.1 E. 3128197.0 ELEVATION=774.11'

- I. IN ACCORDANCE WITH THE LAWS OF THE STATE OF TEXAS AND THE U. S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REGULATIONS, ALL TRENCHES OVER 5 FEET IN DEPTH IN EITHER HARD AND COMPACT OR SOFT AND UNSTABLE SOIL SHALL BE SLOPED, SHORED, SHEETED, BRACED OR OTHERWISE SUPPORTED. FURTHERMORE, ALL TRENCHES LESS THAN 5 FEET IN DEPTH SHALL ALSO BE EFFECTIVELY PROTECTED WHEN HAZARDOUS GROUND MOVEMENT MAY BE EXPECTED. A SITE SPECIFIC ENGINEERED TRENCH SAFETY SYSTEM, ACCEPTED BY DIRAL AND DEPTH STATE OF UNITY OF THE ADDITION OF THE STATE OF THE OF THE ADDITION OF THE ADDITION.
- PLANNING AND DEVELOPMENT SERVICES, SHALL BE UTILIZED FOR THIS PROJECT. 2. IN ACCORDANCE WITH THE U. S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REGULATIONS, WHEN PERSONS ARE IN TRENCHES 4-FEET DEEP OR MORE, ADEQUATE MEANS OF EXIT, SUCH AS A LADDER OR STEPS, MUST BE PROVIDED AND LOCATED SO AS TO REQUIRE NO MORE THAN 25 FEET OF LATERAL TRAVEL.
- 3. IF TRENCH SAFETY SYSTEM DETAILS WERE NOT PROVIDED IN THE PLANS BECAUSE TRENCHES WERE ANTICIPATED TO BE LESS THAN 5 FEET IN DEPTH AND DURING CONSTRUCTION IT IS FOUND THAT TRENCHES ARE IN FACT 5 FEET OR MORE IN DEPTH OR TRENCHES LESS THAN 5 FEET IN DEPTH ARE IN AN AREA WHERE HAZARDOUS GROUND MOVEMENT IS EXPECTED, ALL CONSTRUCTION SHALL CEASE, THE TRENCHED AREA SHALL BE BARRICADED AND THE ENGINEER NOTIFIED IMMEDIATELY. CONSTRUCTION SHALL NOT RESUME UNTIL APPROPRIATE TRENCH SAFETY SYSTEM DETAILS, AS DESIGNED BY A PROFESSIONAL ENGINEER, ARE RETAINED AND COPIES SUBMITTED TO THE CITY OF ROUND ROCK.

STREET AND DRAINAGE NOTES:

- ALL TESTING SHALL BE DONE BY AN INDEPENDENT LABORATORY AT THE OWNER'S EXPENSE. ANY RETESTING SHALL BE PAID FOR BY THE CONTRACTOR. A CITY INSPECTOR SHALL BE PRESENT DURING ALL TESTS. TESTING SHALL BE COORDINATED WITH THE CITY INSPECTOR AND HE SHALL BE GIVEN A MINIMUM OF 24 HOURS NOTICE PRIOR TO ANY TESTING.
- 2. BACKFILL BEHIND THE CURB SHALL BE COMPACTED TO OBTAIN A MINIMUM OF 95% MAXIMUM DENSITY TO WITHIN 3" OF TOP OF CURB. MATERIAL USED SHALL BE PRIMARILY GRANULAR WITH NO ROCKS LARGER THAN 6" IN THE GREATEST DIMENSION. THE REMAINING 3" SHALL BE CLEAN TOPSOIL FREE FROM ALL CLODS AND SUITABLE FOR SUSTAINING PLANT LIFE.
- 3. DEPTH OF COVER FOR ALL CROSSINGS UNDER PAVEMENT INCLUDING GAS, ELECTRIC, TELEPHONE, CABLE TV, WATER SERVICES, ETC., SHALL BE A MINIMUM OF 30" BELOW SUBGRADE.
- 4. STREET RIGHTS-OF-WAY SHALL BE GRADED AT A SLOPE OF 1/4" PER FOOT TOWARD THE CURB UNLESS OTHERWISE INDICATED. HOWEVER, IN NO CASE SHALL THE WIDTH OF RIGHT-OF-WAY AT 1/4" PER FOOT SLOPE BE LESS THAN 10 FEET UNLESS A SPECIFIC REQUEST FOR AN ALTERNATE GRADING SCHEME IS MADE TO AND ACCEPTED BY THE CITY OF ROUND ROCK PLANNING AND DEVELOPMENT SERVICES DEPARTMENT.
- 5. BARRICADES BUILT TO CITY OF ROUND ROCK STANDARDS SHALL BE CONSTRUCTED ON ALL DEAD-END STREETS AND AS NECESSARY DURING CONSTRUCTION TO MAINTAIN JOB AND PUBLIC SAFETY.
- 6. ALL R.C.P. SHALL BE MINIMUM CLASS III.
- 7. THE SUBGRADE MATERIAL FOR THE STREETS SHOWN HEREIN WAS TESTED BY AND THE PAVING SECTIONS DESIGNED IN ACCORDANCE WITH THE CURRENT CITY OF ROUND ROCK DESIGN CRITERIA. THE

PAVING SECTIONS ARE TO BE CONSTRUCTED AS FOLLOWS:

				LINE STAD.	
STREET	STATION	THICKNESS	THICKNESS	THICKNESS	

THE GEOTECHNICAL ENGINEER SHALL INSPECT THE SUBGRADE FOR COMPLIANCE WITH THE DESIGN ASSUMPTIONS MADE DURING PREPARATION OF THE SOILS REPORT. ANY ADJUSTMENTS THAT ARE REQUIRED SHALL BE MADE THROUGH REVISION OF THE CONSTRUCTION PLANS.

8. WHERE PI'S ARE OVER 20, SUBGRADES MUST BE STABILIZED UTILIZING A METHOD ACCEPTABLE TO THE CITY ENGINEER. THE GEOTECHNICAL ENGINEER SHALL RECOMMEND AN APPROPRIATE SUBGRADE STABILIZATION IF SULFATES ARE DETERMINED TO BE PRESENT.

IN THE EVENT OF CONFLICT, CITY OF ROUND ROCK NOTES SHALL SUPERSEDE.



 PIPE MATERIAL AND ACCESSORIES SHALL BE OF NEW MATERIALS ONLY. WATER MAINS SHALL BE DUCTILE IRON (AWWA C-110, C-104 AND ANSI/AWWA C-153/A21.53-84, MIN. PRESSUME CLASS 200) OR PVC (AWWA C-900/C-905, ASTM F477 AND D3139, MIN. PRESSURE CLASS 200), OR HDPE (AWWA C-906, ASTM F714, NSF 61 AND PE 3408 BY ASTM 3350) WITH A MINIMUM 11 DIMENSION RATIO AND (DR) DUCTILE IRON PIPE SIZE (DIPS). SERVICE PIPING SHALL BE COPPER SEAMLESS TYPE K OR POLYETHYLENE (BLACK, 200 PSI, DR9) AS ACCEPTED BY THE CITY.

2. PIPE MATERIAL FOR PRESSURE WASTEWATER MAINS SHALL BE SDR 26 HIGHER PRESSURE RATED (150+ PSI), OR DUCTILE IRON (AWWA C-100, MIN. CLASS 200). PIPE MATERIAL FOR GRAVITY WASTEWATER MAINS SHALL BE PVC (ASTM D2241 OR D3034, MAX. DR-26) DUCTILE IRON (AWWA C-100, MIN. CLASS 200)

 UNLESS OTHERWISE ACCEPTED BY THE CITY ENGINEER, DEPTH OF COVER FOR ALL LINES OUT OF THE PAVEMENT SHALL BE 42" MIN., AND DEPTH OF COVER FOR ALL LINES UNDER PAVEMENT SHALL BE A MIN. OF 30" BELOW SUBGRADE.
 ALL FIRE HYDRANT LEADS SHALL BE DUCTILE IRON PIPE (AWWA C-100, MIN. CLASS

200). 5. ALL IRON PIPE AND FITTINGS SHALL BE WRAPPED WITH MINIMUM 8-MIL POLYETHYLENE AND SEALED WITH DUCT TAPE OR EQUAL ACCEPTED BY THE CITY ENGINEER.

6. THE CONTRACTOR SHALL CONTACT THE CITY OF ROUND ROCK CIVIL INSPECTOR AT 218-5555 TO COORDINATE UTILITY TIE-INS AND NOTIFY HIM AT LEAST 48 HOURS PRIOR TO CONNECTING TO EXISTING LINES.
7. ALL MANHOLES SHALL BE CONCRETE WITH CAST IRON RING AND COVER. ALL

MANHOLES LOCATED OUTSIDE OF THE PAVEMENT SHALL HAVE BOLTED COVERS. TAPPING OF FIBERGLASS MANHOLES SHALL NOT BE ALLOWED. 8. THE CONTRACTOR MUST OBTAIN A BULK WATER PERMIT OR PURCHASE AND

INSTALL A WATER METER FOR ALL WATER USED DURING CONSTRUCTION. A COPY OF THIS PERMIT MUST BE CARRIED AT ALL TIMES BY ALL WHO USE WATER.9. LINE FLUSHING OR ANY ACTIVITY USING A LARGE QUANTITY OF WATER MUST BE SCHEDULED WITH THE CITY OF ROUND ROCK CIVIL INSPECTOR.

10.THE CONTRACTOR, AT HIS EXPENSE, SHALL PERFORM STERILIZATION OF ALL POTABLE WATER LINES CONSTRUCTED AND SHALL PROVIDE ALL EQUIPMENT (INCLUDING TEST GAUGES), SUPPLIES (INCLUDING CONCENTRATED CHLORINE DISINFECTING MATERIAL), AND NECESSARY LABOR REQUIRED FOR THE STERILIZATION PROCEDURE. THE STERILIZATION PROCEDURE SHALL BE MONITORED BY CITY OF ROUND ROCK PERSONNEL. WATER SAMPLES WILL BE COLLECTED BY THE CITY OF ROUND ROCK TO VERIFY EACH TREATED LINE HAS ATTAINED AN INITIAL CHLORINE CONCENTRATION OF 50 PPM. WHERE MEANS OF FLUSHING IS NECESSARY, THE CONTRACTOR, AT HIS EXPENSE, SHALL PROVIDE FLUSHING DEVICES AND REMOVE SAID DEVICES PRIOR TO FINAL ACCEPTANCE BY THE CITY OF ROUND ROCK.

11.SAMPLING TAPS SHALL BE BROUGHT UP TO 3 FEET ABOVE GRADE AND SHALL BE EASILY ACCESSIBLE FOR CITY PERSONNEL. AT THE CONTRACTOR'S REQUEST, AND IN HIS PRESENCE, SAMPLES FOR BACTERIOLOGICAL TESTING WILL BE COLLECTED BY THE CITY OF ROUND ROCK NOT LESS THAN 24 HOURS AFTER THE TREATED LINE HAS BEEN FLUSHED OF THE CONCENTRATED CHLORINE SOLUTION AND CHARGED WITH WATER APPROVED BY THE CITY. THE CONTRACTOR SHALL SUPPLY A CHECK OR MONEY ORDER, PAYABLE TO THE CITY OF ROUND ROCK, TO COVER THE FEE CHARGED FOR TESTING EACH WATER SAMPLE. CITY OF ROUND ROCK FEE AMOUNTS MAY BE OBTAINED BY CALLING THE CITY OF ROUND ROCK CIVIL INSPECTOR.

12.THE CONTRACTOR, AT HIS EXPENSE, SHALL PERFORM QUALITY TESTING FOR ALL WASTEWATER PIPE INSTALLED AND PRESSURE PIPE HYDROSTATIC TESTING OF ALL WATER LINES CONSTRUCTED AND SHALL PROVIDE ALL EQUIPMENT (INCLUDING PUMPS AND GAUGES), SUPPLIES AND 16 LABOR NECESSARY TO PERFORM THE TESTS. QUALITY AND PRESSURE TESTING SHALL BE MONITORED BY CITY OF ROUND ROCK PERSONNEL.

13.THE CONTRACTOR SHALL COORDINATE TESTING WITH THE CITY OF INSPECTOR AND PROVIDE NO LESS THAN 24 HOURS NOTICE PRIOR TO PERFORMING STERILIZATION, QUALITY TESTING OR PRESSURE TESTING.
14.THE CONTRACTOR SHALL NOT OPEN OR CLOSE ANY VALVES UNLESS AUTHORIZED

BY THE CITY OF ROUND ROCK. 15.ALL VALVE BOXES AND COVERS SHALL BE CAST IRON.

16.ALL WATER SERVICE, WASTEWATER SERVICE AND VALVE LOCATIONS SHALL BE APPROPRIATELY MARKED (THROUGH CHISELING AND PAINTING) AS FOLLOWS:

WATER SERVICE	"W" ON TOP OF CURB
WASTEWATER SERVICE	"S" ON TOP OF CURB
VALVE	"V" ON FACE OF CURB

TOOLS FOR MARKING THE CURB SHALL BE PROVIDED BY THE CONTRACTOR. OTHER APPROPRIATE MEANS OF MARKING SERVICE AND VALVE LOCATIONS SHALL BE PROVIDED IN AREAS WITHOUT CURBS. SUCH MEANS OF MARKING SHALL BE AS SPECIFIED BY THE ENGINEER AND ACCEPTED BY THE CITY OF ROUND ROCK.

17.CONTACT CITY OF ROUND ROCK ENGINEERING AND DEVELOPMENT SERVICES DEPARTMENT AT 218-5555 FOR ASSISTANCE IN OBTAINING EXISTING WATER AND WASTEWATER LOCATIONS.

18.THE CITY OF ROUND ROCK FIRE DEPARTMENT SHALL BE NOTIFIED 48 HOURS PRIOR TO TESTING OF ANY BUILDING SPRINKLER PIPING IN ORDER THAT THE FIRE DEPARTMENT MAY MONITOR SUCH TESTING.

19.SAND, AS DESCRIBED IN SPECIFICATION ITEM 510 PIPE, SHALL NOT BE USED AS BEDDING FOR WATER AND WASTEWATER LINES. ACCEPTABLE BEDDING MATERIALS ARE PIPE BEDDING STONE, PEA GRAVEL AND IN LIEU OF SAND, A NATURALLY OCCURRING OR MANUFACTURED STONE MATERIAL CONFORMING TO ASTM C33 FOR STONE QUALITY AND MEETING THE FOLLOWING GRADATION SPECIFICATION:

SIEVE SIZE	PERCENT RETAINED BY WEIGHT
1/2"	0
3/8"	0-2
#4	40-85
#10	95-100

20.THE CONTRACTOR IS HEREBY NOTIFIED THAT CONNECTING TO, SHUTTING DOWN, OR TERMINATING EXISTING UTILITY LINES MAY HAVE TO OCCUR AT OFF-PEAK HOURS. SUCH HOURS 17 ARE USUALLY OUTSIDE NORMAL WORKING HOURS AND POSSIBLY BETWEEN 12 A.M. AND 6 A.M. ANY WATER SHUTDOWN OR TIE-IN MUST BE SCHEDULED TEN (10) DAYS IN ADVANCE.

21.ALL WASTEWATER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) REGULATIONS, 30 TAC CHAPTER 213, 217 AND 290, AS APPLICABLE. WHENEVER TCEQ AND CITY OF ROUND ROCK SPECIFICATIONS CONFLICT, THE MORE STRINGENT SHALL APPLY

TRAFFIC MARKING NOTES:

 ANY METHODS, STREET MARKINGS AND SIGNAGE NECESSARY FOR WARNING MOTORISTS, WARNING PEDESTRIANS OR DIVERTING TRAFFIC DURING CONSTRUCTION SHALL CONFORM TO THE TEXAS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, LATEST EDITION.
 ALL PAVEMENT MARKINGS, MARKERS, PAINT, TRAFFIC BUTTONS, TRAFFIC

CONTROLS AND SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH THE TEXAS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION OF HIGHWAYS, STREETS AND BRIDGES AND, THE TEXAS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, LATEST EDITIONS.

EROSION AND SEDIMENTATION CONTROL NOTES

I. EROSION CONTROL MEASURES, SITE WORK AND RESTORATION WORK SHALL BE IN ACCORDANCE WITH THE CITY OF ROUND ROCK EROSION AND SEDIMENTATION CONTROL ORDINANCE.

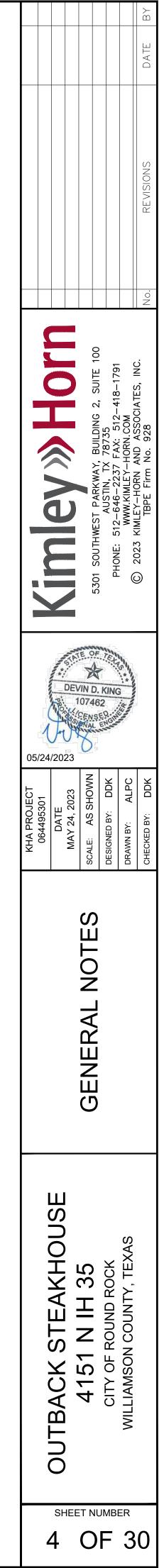
2. ALL SLOPES SHALL BE SODDED OR SEEDED WITH APPROVED GRASS, GRASS MIXTURES OR GROUND COVER SUITABLE TO THE AREA AND SEASON IN WHICH THEY ARE APPLIED.

3. SILT FENCES, ROCK BERMS, SEDIMENTATION BASINS AND SIMILARLY RECOGNIZED TECHNIQUES AND MATERIALS SHALL BE EMPLOYED DURING CONSTRUCTION TO PREVENT POINT SOURCE SEDIMENTATION LOADING OF DOWNSTREAM FACILITIES. SUCH INSTALLATION SHALL BE REGULARLY INSPECTED BY THE CITY OF ROUND ROCK FOR EFFECTIVENESS. ADDITIONAL MEASURES MAY BE REQUIRED IF, IN THE OPINION OF THE CITY ENGINEER, THEY ARE WARRANTED.

4. ALL TEMPORARY EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL FINAL INSPECTION AND APPROVAL OF THE PROJECT BY THE ENGINEER. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN ALL TEMPORARY EROSION CONTROL STRUCTURES AND TO REMOVE EACH STRUCTURE AS APPROVED BY THE ENGINEER.

5. ALL MUD, DIRT, ROCKS, DEBRIS, ETC., SPILLED, TRACKED OR OTHERWISE DEPOSITED ON EXISTING PAVED STREETS, DRIVES AND AREAS USED BY THE PUBLIC SHALL BE CLEANED UP IMMEDIATELY.

6. ONCE REVEGETATION REQUIREMENTS HAVE BEEN MET, ALL TEMPORARY SEDIMENT CONTROLS (E.G. SILT FENCE, ROCK BERMS, INLET PROTECTION, ETC.) SHALL BE REMOVED FROM THE SITE AND DISPOSED. ANY DISTURBED AREAS SHALL BE CLEANED OF DIRT AND DEBRIS AND PROPERLY RAKED AND GRADED.



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KH GENERAL NOTES

SPECIFICATIONS, THE STANDARDS. THE CIT SPECIFICATIONS OR I	AND MATERIALS SHALL BE IN ACCORDANCE WITH THESE PLANS, CITY (OR TOWN) STANDARD DETAILS AND E FINAL GEOTECHNICAL REPORT AND ALL ISSUED ADDENDA, AND COMMONLY ACCEPTED CONSTRUCTION
STANDARDS. THE CIT SPECIFICATIONS OR I	T INAL GEOTECHNICAL REPORT AND ALL ISSUED ADDENDA, AND COMMONET ACCEPTED CONSTRUCTION
	Y SPECIFICATIONS SHALL GOVERN WHERE OTHER SPECIFICATIONS DO NOT EXIST. IN CASE OF CONFLICTING
. THE CONTRACTOR SP	DETAILS, THE MORE RESTRICTIVE SPECIFICATION AND DETAIL SHALL BE FOLLOWED. HALL COMPLY WITH CITY (OR TOWN) "GENERAL NOTES" FOR CONSTRUCTION, IF EXISTING AND REQUIRED BY THE
CITY. FOR INSTANCE	S WHERE THEY CONFLICT WITH THESE KH GENERAL NOTES, THEN THE MORE RESTRICTIVE SHALL APPLY.
	HALL FURNISH ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE UMENTS IN ACCORDANCE WITH THE APPROPRIATE AUTHORITIES' SPECIFICATIONS AND REQUIREMENTS.
	HALL VISIT THE SITE PRIOR TO BIDDING TO DETERMINE EXISTING CONDITIONS. TIONS SHOWN ON THESE PLANS WERE PROVIDED BY THE TOPOGRAPHIC SURVEY PREPARED BY THE PROJECT
SURVEYOR, AND ARE	BASED ON THE BENCHMARKS SHOWN. THE CONTRACTOR SHALL REFERENCE THE SAME BENCHMARKS.
	HALL REVIEW AND VERIFY THE EXISTING TOPOGRAPHIC SURVEY SHOWN ON THE PLANS REPRESENTS EXISTING RIOR TO CONSTRUCTION, AND SHALL REPORT ANY DISCREPANCIES FOUND TO THE OWNER AND ENGINEER
IMMEDIATELY.	DOES NOT ACCEPT THE EXISTING TOPOGRAPHIC SURVEY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, THEN
THE CONTRACTOR SH	HALL SUPPLY AT THEIR OWN EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED PROFESSIONAL LAND
	WNER AND ENGINEER FOR REVIEW. PROVIDE ALL CONSTRUCTION SURVEYING AND STAKING.
CONTRACTOR SHALL	VERIFY HORIZONTAL AND VERTICAL CONTROL, INCLUDING BENCHMARKS PRIOR TO COMMENCING
	TAKING OF IMPROVEMENTS. PROPERTY LINES AND CORNERS SHALL BE HELD AS THE HORIZONTAL CONTROL. HALL REVIEW AND VERIFY ALL DIMENSIONS, ELEVATIONS, AND FIELD CONDITIONS THAT MAY AFFECT
	Y DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT RE COMMENCING WORK, NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR
	RE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR RCHITECT, ENGINEER, AND IF APPLICABLE THE CITY AND OWNER. NO CONSIDERATION WILL BE GIVEN TO CHANGE
	THE CITY, ENGINEER, AND OWNER WERE NOT CONTACTED PRIOR TO CONSTRUCTION OF THE AFFECTED ITEM. THOROUGHLY CHECK COORDINATION OF CIVIL, LANDSCAPE, MEP, ARCHITECTURAL, AND OTHER PLANS PRIOR TO
COMMENCING CONST	RUCTION. OWNER/ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY PRIOR TO COMMENCING WITH
CONSTRUCTION. IT IS THE CONTRACTO	DR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE BURIED OR AERIAL
	NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK TO HAVE THEM LOCATE THEIR EXISTING UTILITIES TION. THE CONTRACTOR SHALL PROVIDE AN ADEQUATE MINIMUM NOTICE TO ALL UTILITY COMPANIES PRIOR TO
BEGINNING CONSTRU	JCTION.
	CALL TEXAS 811 AN ADEQUATE AMOUNT OF TIME PRIOR TO COMMENCING CONSTRUCTION OR ANY EXCAVATION. USE EXTREME CAUTION AS THE SITE CONTAINS VARIOUS KNOWN AND UNKNOWN PUBLIC AND PRIVATE UTILITIES.
	VATIONS, DEPTH, AND DIMENSIONS OF EXISTING UTILITIES SHOWN ON THE PLANS WERE OBTAINED FROM OMPANY MAPS AND PLANS, AND ARE CONSIDERED APPROXIMATE AND INCOMPLETE. IT SHALL BE THE
	PONSIBILITY TO VERIFY THE PRESENCE, LOCATION, ELEVATION, DEPTH, AND DIMENSION OF EXISTING UTILITIES
	ANCE OF CONSTRUCTION SO THAT ADJUSTMENTS CAN BE MADE TO PROVIDE ADEQUATE CLEARANCES. THE NOTIFIED WHEN A PROPOSED IMPROVEMENT CONFLICTS WITH AN EXISTING UTILITY.
THE CONTRACTOR IS	RESPONSIBLE FOR COORDINATING ANY ADJUSTMENTS AND RELOCATIONS OF EXISTING UTILITIES THAT
	PROPOSED IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO, ADJUSTING EXISTING MANHOLES TO MATCH RELOCATING EXISTING POLES AND GUY WIRES THAT ARE LOCATED IN PROPOSED DRIVEWAYS, ADJUSTING THE
HORIZONTAL OR VER	TICAL ALIGNMENT OF EXISTING UNDERGROUND UTILITIES TO ACCOMMODATE PROPOSED GRADE OR CROSSING TILITY, AND ANY OTHERS THAT MAY BE ENCOUNTERED THAT ARE UNKNOWN AT THIS TIME AND NOT SHOWN ON
THESE PLANS.	
	ARRANGE FOR OR PROVIDE, AT ITS EXPENSE, ALL GAS, TELECOMMUNICATIONS, CABLE, OVERHEAD AND ER LINE, AND UTILITY POLE ADJUSTMENTS NEEDED.
CONTRACTOR IS RES	PONSIBLE FOR COORDINATING INSTALLATION OF FRANCHISE UTILITIES THAT ARE NECESSARY FOR ON-SITE AND TION, AND SERVICE TO THE PROPOSED DEVELOPMENT.
THE CONTRACTOR SH	HALL BE FULLY RESPONSIBLE FOR ALL DAMAGES DUE TO THE CONTRACTORS' FAILURE TO EXACTLY LOCATE AND
	FIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED ERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES. IF IT IS NECESSARY TO SHORE, BRACE, SWING
OR RELOCATE A UTIL	ITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED BY THE CONTRACTOR AND THEIR
BRACING OF UTILITY I	ED REGARDING THE METHOD TO USE FOR SUCH WORK. POLES MAY BE REQUIRED BY THE UTILITY COMPANIES WHEN TRENCHING OR EXCAVATING IN CLOSE PROXIMITY
TO THE POLES. THE	COST OF BRACING POLES WILL BE BORNE BY THE CONTRACTOR, WITH NO SEPARATE PAY ITEM FOR THIS WORK. ITAL TO THE PAY ITEM.
CONTRACTOR SHALL	USE ALL NECESSARY SAFETY PRECAUTIONS TO AVOID CONTACT WITH OVERHEAD AND UNDERGROUND POWER
LINES. CONTRACTOR TO WORK SETBACKS	R SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE, FEDERAL AND UTILITY OWNER REGULATIONS PERTAINING FROM POWER LINES.
THE CONTRACTOR SH	HALL BE RESPONSIBLE TO OBTAIN ALL REQUIRED CONSTRUCTION PERMITS, APPROVALS, AND BONDS PRIOR TO
	HALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES A COPY OF THE CONTRACT DOCUMENTS INCLUDING PLANS,
	ORT AND ADDENDA, PROJECT AND CITY SPECIFICATIONS, AND SPECIAL CONDITIONS, COPIES OF ANY REQUIRED MITS, EROSION CONTROL PLANS, SWPPP AND INSPECTION REPORTS.
ALL SHOP DRAWINGS	AND OTHER DOCUMENTS THAT REQUIRE ENGINEER REVIEW SHALL BE SUBMITTED BY THE CONTRACTOR
IS AVAILABLE.	ANCE OF CONSTRUCTION OF THAT ITEM, SO THAT NO LESS THAN 10 BUSINESS DAYS FOR REVIEW AND RESPONSE
	PECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES, JURISDICTIONAL AGENCIES, AND/OR UTILITY SERVICE E PERFORMED PRIOR TO USE OF THE FACILITY AND THE FINAL CONNECTION OF SERVICES.
CONTRACTOR SHALL	ARRANGE FOR REQUIRED CITY INSPECTIONS.
ALL SYMBOLS SHOWN	PRICE SHALL INCLUDE ALL INSPECTION FEES. N ON THESE PLANS (E.G. FIRE HYDRANT, METERS, VALVES, INLETS, ETC) ARE FOR PRESENTATION PURPOSES
	O SCALE. CONTRACTOR SHALL COORDINATE FINAL SIZES AND LOCATIONS WITH APPROPRIATE CITY INSPECTOR. (FOR THE CIVIL IMPROVEMENTS SHOWN ON THESE PLANS TERMINATES 5-FEET FROM THE BUILDING. REFERENCE
THE BUILDING PLANS	(E.G. ARCHITECTURAL, STRUCTURAL, MEP) FOR AREAS WITHIN 5-FEET OF THE BUILDING AND WITHIN THE
BUILDING FOOTPRINT REFER TO ARCHITEC	TURAL AND STRUCTURAL PLANS FOR ALL FINAL BUILDING DIMENSIONS.
THE PROPOSED BUILI	DING FOOTPRINT(S) SHOWN IN THESE PLANS WAS PROVIDED TO KIMLEY-HORN AND ASSOCIATES, INC. (KH) BY THE AT THE TIME THESE PLANS WERE PREPARED. IT MAY NOT BE THE FINAL CORRECT VERSION BECAUSE THE
	AT THE TIME THESE PLANS WERE PREPARED. IT MAY NOT BE THE FINAL CORRECT VERSION BECAUSE THE S ONGOING. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONFIRMING THE FINAL CORRECT VERSION OF THE
	WITH THE ARCHITECT AND STRUCTURAL ENGINEER PRIOR TO LAYOUT. DIMENSIONS AND/OR COORDINATES ANS WERE BASED ON THE ABOVE STATED ARCHITECTURAL FOOTPRINT, AND ARE THEREFORE A PRELIMINARY
LOCATION OF THE BU	ILDING. THE CONTRACTOR IS SOLELY RESPONSIBLE TO VERIFY WHAT PART OF THE BUILDING THE ARCHITECT'S
FOOTPRINT REPRESE	ENTS (E.G. SLAB, OUTSIDE WALL, MASONRY LEDGE, ETC) AND TO CONFIRM ITS FINAL POSITION ON THE SITE ARCHITECTURAL FOOTPRINT, CIVIL DIMENSION CONTROL PLAN, SURVEY BOUNDARY AND/OR PLAT. ANY
BASED ON THE FINAL DIFFERENCES FOUND) SHALL BE REPORTED TO KH IMMEDIATELY.
BASED ON THE FINAL DIFFERENCES FOUND ALL CONSTRUCTION SUBSEQUENT ADDEN) SHALL BE REPORTED TO KH IMMEDIATELY. SHALL COMPLY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT (OR LATEST EDITION), INCLUDING IDA.
BASED ON THE FINAL DIFFERENCES FOUND ALL CONSTRUCTION S SUBSEQUENT ADDEN CONTRACTOR IS RES MATERIALS TESTING) SHALL BE REPORTED TO KH IMMEDIATELY. SHALL COMPLY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT (OR LATEST EDITION), INCLUDING IDA. PONSIBLE FOR ALL MATERIALS TESTING AND CERTIFICATION, UNLESS SPECIFIED OTHERWISE BY OWNER. ALL SHALL BE COORDINATED WITH THE APPROPRIATE CITY INSPECTOR AND COMPLY WITH CITY STANDARD
BASED ON THE FINAL DIFFERENCES FOUND ALL CONSTRUCTION S SUBSEQUENT ADDEN CONTRACTOR IS RES MATERIALS TESTING SPECIFICATIONS AND) SHALL BE REPORTED TO KH IMMEDIATELY. SHALL COMPLY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT (OR LATEST EDITION), INCLUDING IDA. PONSIBLE FOR ALL MATERIALS TESTING AND CERTIFICATION, UNLESS SPECIFIED OTHERWISE BY OWNER. ALL
BASED ON THE FINAL DIFFERENCES FOUND ALL CONSTRUCTION S SUBSEQUENT ADDEN CONTRACTOR IS RES MATERIALS TESTING SPECIFICATIONS AND TESTING MATERIALS. ALL COPIES OF MATE	D SHALL BE REPORTED TO KH IMMEDIATELY. SHALL COMPLY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT (OR LATEST EDITION), INCLUDING IDA. PONSIBLE FOR ALL MATERIALS TESTING AND CERTIFICATION, UNLESS SPECIFIED OTHERWISE BY OWNER. ALL SHALL BE COORDINATED WITH THE APPROPRIATE CITY INSPECTOR AND COMPLY WITH CITY STANDARD D GEOTECHNICAL REPORT. TESTING SHALL BE PERFORMED BY AN APPROVED INDEPENDENT AGENCY FOR
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BASED ON THE FINAL DIFFERENCES FOUND ALL CONSTRUCTION SUBSEQUENT ADDEN CONTRACTOR IS RES MATERIALS TESTING SPECIFICATIONS AND TESTING MATERIALS. ALL COPIES OF MATE AGENCY. IT SHALL BE THE CON WORK CONSTRUCTEI DUE TO THE POTENTI GEOTECHNICAL REPO BUILDING. THE OWNE FLATWORK ADJACEN ALL CONTRACTORS M ALLOWED. ANY DAMA THE CONTRACTOR SH LIDS, FIRE HYDRANTS NO COST TO THE OWI THE CONTRACTOR SH INDS, FIRE HYDRANTS NO COST TO THE OWI THE CONTRACTOR SH INCLUDING AS NECES THE CONTRACTOR SH INCLUDING AS NECES THE CONTRACTOR SH TO BE RELOCATED DU CONTRACTOR SHALL DITCHES OR CULVER THE CONTRACTOR SH SITE SAFETY IS SOLE STHE CONTRACTOR SH SIGINEER IN THE STA SAFETY REQUIREMEN OPEN TRENCHES SHA THE CONTRACTOR SH SITE SAFETY IS SOLE THES PLANS DO NO EMPLOYEES, AGENTS TO ANY SUCH SAFETY PROCEDURES AND PF SIGNS RELATED TO S CONTRACTOR SHALL DITCHES OR CULVER THE CONTRACTOR SH SIGNS RELATED TO S CONTRACTOR SHALL DITCHES AFETY IS SOLE THES PLANS DO NO EMPLOYEES, AGENTS TO ANY SUCH SAFETY PROCEDURES AND PF SIGNS RELATED TO S CONTRACTOR OFFICE CONSTRUCTION. CO STORAGE, AND STAG LIGHT POLS, SIGNS, ALL SIGNS, PAVEMEN TRAFFIC CONTROL DE TOP RIM ELEVATIONS GRADE AND SHALL BE CONTRACTOR SHALL ACTUAL FINISHED GR THE CONTRACTOR SH AND VARIATIONS FRO CONTRACTOR SHALL THE CONTRACTOR SHALL POLLUTANT DISCHAR EROSION CONTROL D OF LAND DISTURBANG CONTRACTOR SHALL POLLUTANT DISCHAR EROSION CONTROL D	 SHALL BE REPORTED TO KH IMMEDIATELY. SHALL COMPLY WITH THE PROJECTS FINAL GEOTECHNICAL REPORT (OR LATEST EDITION), INCLUDING BALL COMPLY WITH TOTY STANDARD SHALL BE COORDINATED WITH THE APPROPRIATE CITY INSPECTOR AND COMPLY WITH CITY STANDARD GEOTECHNICAL REPORT, TESTING SHALL BE PERFORMED BY AN APPROVED INDEPENDENT AGENCY FOR OWNER SHALL APPROVE THE AGENCY NOMINATED BY THE CONTRACTOR FOR MATERIALS TESTING. SKILLS TEST SHALL BE SENT TO THE GOWNER, ENGINEER AND ARCHTECT DIRECTLY FROM THE TESTING NULL SERVICE THE AGENCY NOMINATED BY THE CONTRACTOR FOR MATERIALS TESTING. MALS TEST REQUEST ROULET SHALL BE SENT TO THE GOWNER, BANDRACHTER AND ARCHTECT DIRECTLY FROM THE TESTING SHALL APPROVE THE AGENCY NOMINATED BY THE CONTRACTOR SHALL APPROVE THE TESTING SHALL APPROVE ADJACENT TO THE BUILDING, THE CONTRACTOR SHALL ADHERE TO THE FOROSED TRY BECOMMENDATION FOR SUBGRADE PREPARATION SPECIFIC TO L THOYRK ADJACENT TO THE PROPOSED TRY BECOMMENDATION OF SUBGRADE PREPARATIONS PRECIFIC TO L THOYRK ADJACENT TO THE PROPOSED TRY BECOMMENDATION SPECIFICS TO CHANNOR ADJACENT TO THE DIVIDING. IF NONE SUBGRADE PREPARATIONS PRECIFIC TO L THOYRK ADJACENT TO THE OVER AREA WILL BE CONTINUE THEIR ACTIVITIES TO THE WORK AREA WILL BE CONTINUE THEIR ACTIVITIES TO THE WORK AREA WILL BE CONTINUE THER FACILITIES STO REMIN AND SHALL EPROPARATION SPECIFIC TO TO THO OWNER AND SHALL EPROPARATION DRESS TO REMAINAND SHALL DENDALKS, GRASS, TREES, RIGATION SYSTEMS STRUCTURES, UTILITIES, SIGNE, WALKS, SIGNE, PAVEMENT, CURBS, UTILITIES, SIDEWALKS, GRASS, TREES, RIGATION SYSTEMS, ETC
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BASED ON THE FINAL DIFFERENCES FOUND ALL CONSTRUCTION S SUBSEQUENT ADDEN CONTRACTOR IS RES MATERIALS TESTING SPECIFICATIONS AND TESTING MATERIALS. ALL COPIES OF MATE AGENCY. IT SHALL BE THE CON WORK CONSTRUCTED DUE TO THE POTENTI GEOTECHNICAL REPO BUILDING. THE OWNE FLATWORK ADJACEN ALL CONTRACTORS M ALLOWED. ANY DAMA THE CONTRACTORS M ALLOWED. ANY DAMA THE CONTRACTOR SH LIDS, FIRE HYDRANTS NO COST TO THE OWN THE CONTRACTOR SH INS, FIRE HYDRANTS NO COST TO THE OWN THE CONTRACTOR SH INCLUDING AS NECES THE CONTRACTOR SH INCLUDING AS NECES THE CONTRACTOR SH INCLUDING AS NECES THE CONTRACTOR SH SITE SAFETY IS SOLE THE CONTRACTOR SH SITE SAFETY IS SOLE THE CONTRACTOR SH SITE SAFETY IS SOLE THESE PLANS DO NO EMPLOYEES, AGENTS TO ANY SUCH SAFETY PROCEDURES AND PF SIGNS RELATED TO S CONTRACTOR OFFICE CONTRACTOR OFFICE CONTRACTOR OFFICE CONTRACTOR SHALL DITCHES PLANS DO NO EMPLOYEES, AGENTS TO ANY SUCH SAFETY PROCEDURES AND PF SIGNS RELATED TO S CONTRACTOR OFFICE CONTRACTOR OFFICE CONTRACTOR SHALL ACTUAL FINISHED RS THE START OF CONS' CONTRACTOR SHALL ACTUAL FINISHED RS THE CONTRACTOR SH AND VARIATIONS FRC CONTRACTOR SHALL ACTUAL FINISHED RS THE CONTRACTOR SHALL FOLUTANT DISCHAR CONTRACTOR SHALL FOLUTANT DISCHAR CONTRACTOR SHALL FONJECT. CONTRACTOR SHALL ENDIGON CONTROL DS TOR SOLON TROL DEVICES, B CONTRACTOR SHALL FINISHED RS SOLON CONTRACTOR	 SHALL BE REPORTED TO KH IMMEDIATELY. SHALL DOMPY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT (OR LATEST EDITION), INCLUDING DA. DANIEL COMPY WITH THE APPROPRIATE CITY INSPECTOR AND COMPLY WITH CITY STANDARD ON COMPARIANCE TO ALL DECONDINATED WITH ITHE APPROPRIATE CITY INSPECTOR AND COMPLY WITH CITY STANDARD ON COMPARIANCE AND PROVE THE AGENCY NOMINATED BY THE CONTRACTOR FOR MATERIALS TESTING. RIALS TEST RESULTS SHALL BE SENT TO THE OWNER, ENGINEER AND ARCHITECT DIRECTLY FROM THE TESTING ON THE STANDARD TESTING PROVETING ADDRESS THE STAND. RIALS TEST RESULTS SHALL BE SENT TO THE OWNER, ENGINEER AND ARCHITECT DIRECTLY FROM THE TESTING. RIALS TEST RESULTS SHALL BE SENT TO THE WITH SPECIFICATIONS. AL FOR DIFFERENTIAL SOL MOVEMENT ADJACENT TO THE SUBJOARD TESTING PROCEDURES OF THE MATERIALS, THAT THE DIFFERENTIAL SOL MOVEMENT ADJACENT TO THE BUILDING. THE CONTRACTOR SHALL ADHERE TO THE WORK AREA NOLL SUBGRADE PREVARATION SPECIFIC TO FLAWORK ADJACENT TO THE PROPOSED TR AND CONTRACTOR AREA ADVISED TO USTAIN A CECTOR CONTRACTOR SHALL ADHERE TO THE WORK AREA NOLL BUSCHOOL SUBJOARD THE REPARTATION SPECIFIC TO FLAWORK ADJACENT TO THE PROPOSED TR AND CONTRACTOR AREA ADVISED TO THE WARK AREA NULL BE GRESSILTING THERE ANTING SUBGRADE PREVAREA NOLL SUBJOARD THE CONTRACTOR AND AND SHALL REPART ANY DAMAGES AT NER. ALL MORDALE LEXISTING STOLE CONTRACTORS SOLE RESPONSIBILITY TO REPART. ALL MEDIATELY REPAR OR REPLACE ANY PHYSICAL DAMAGE TO PRIVATE PROPERTY OR PUBLIC LUDING BUTTAL ADVISICAL CONDITION OR BETTER AT NO COST TO THE DOWNER. ALL MARDALE ADVISION OUVERS, NAND PAVEMENT. ALL MARDALEY REPARE ON COLUMNERS, AND PAVEMENT. ALL MARDALEY REPARE DO CONTRACTOR STRUCTION. CONTRACTOR OR RETER, SETOL TO AND COMPLANS, GRASS, TREES, NOR LE FOR MUSTALINING TESTING. ALL STRUCTIONS AT ALL THES. ALL STE DRAINAGE DURING ALL PHANESS OF CONTRACTOR PRIOR TO ALL PROV
BASED ON THE FINAL DIFFERENCES FOUND ALL CONSTRUCTIONS SUBSEQUENT ADDEN CONTRACTOR IS RES MATERIALS TESTING SPECIFICATIONS AND TESTING MATERIALS. ALL COPIES OF MATE AGENCY. IT SHALL BE THE CON WORK CONSTRUCTED DUE TO THE POTENTI GEOTECHNICAL REPO BUILDING. THE OWNE FLATWORK ADJACENT ALL CONTRACTORS M ALLOWED. ANY DAMA THE CONTRACTOR SH LIDS, FIRE HYDRANTS NO COST TO THE OWNE FLATWORK ADJACENT ALL ONTRACTOR SH LIDS, FIRE HYDRANTS NO COST TO THE OWNE THE CONTRACTOR SH INCLUDING AS NECES THE CONTRACTOR SH INCLUDING AS NECES THE CONTRACTOR SH INCLUDING AS NECES THE CONTRACTOR SH TO BE RELOCATED DU CONTRACTOR SHALL DITCHES OR CULVERT THE CONTRACTOR SH SAFETY REQUIREMEN OPEN TRENCHES SH THE CONTRACTOR SH SITE SAFETY IS SOLE THESE PLANS DO NO EMPLOYEES, AGENTS TO ANY SUCH SAFETY PROCEDURES AND PF SIGNS RELATED TO S CONTRACTOR OFFICE CONSTRUCTION. CON STORAGE, AND STAG LIGHT POLS, SIGNS, ALL SIGNS, PAVEMEN TRAFFIC CONTROL DE CONTRACTOR SHALL ACTUAL FINISHED GR CONTRACTOR SHALL ACTUAL FINISHED GR THE CONTRACTOR SH LAND VARIATIONS FRO SCONTRACTOR SHALL ACTUAL FINISHED GR THE CONTRACTOR SH LAWS, AND ORDINANC CONTRACTOR SHALL ACTUAL FINISHED GR CONTRACTOR SHALL ACTUAL FINISHED GR THE CONTRACTOR SHALL ACTUAL FINISHED GR CONTRACTOR SHALL POLLUTANT DISCHAR EROSION CONTROL DI CONTRACTOR SHALL FINISHED FINISHED GR CONTRACTOR SHALL FINISHED	 SHALL DERPLOYATED TO KH IMMEDIATELY. SHALL COMPLY VIIIT THE PROJECTS FINAL GEOTECHNICAL REPORT (OR LATEST EDITION), INCLUDING DA. BE FORALLI MATERIALS TESTING AND CERTIFICATION, UNLESS APECIFIED OTHERWISE BY OWNER, ALL PORDINATED WITH THE APPROVEMENT CONTINUES (STURMARD). SECOTECHNICAL REPORT. TESTING AND CERTIFICATION, UNLESS APECIFIED OTHERWISE BY OWNER, ALL PROVE THE ADDRORD TO THE OWNER, ENGINEER AND ARCHITECT DIRECTLY FROM THE TESTING OWNER SHALL BE PERTORMED BY THE CONTRACTOR FOR MATERIALS, THAT THE OWNER SHALL BE SENT TO THE OWNER, ENGINEER AND ARCHITECT DIRECTLY FROM THE TESTING AND ARCHITECT DIRECTLY FROM THE TESTING. AL FOR DIFFERENTIALS SOLINOV, BUTHE STANDARD TESTING PROCEDURES OF THE MATERIALS, THAT THE DIRECTLY ENCITING. AL FOR DIFFERENTIALS SOLINOV, BUTHE STANDARD TO THE BEDEPING OF LATWORK ADJACENT TO THE PROPOSED TO TO THE TAXING ARCHITECT AND ADJACENT TO THE BEDEPING THATWORK ADJACENT TO THE PROPOSED TO THE THAT AND CONTRACTOR SHALL ADDARD TO HER PROVIDE TO CONTRACTOR SHALL ADDARD TO HER PROVIDE TO CONTRACTOR ADJACENT TO THE PROPOSED TO ADJACENT TO THE BEDEPING THATWORK ADJACENT TO THE PROPOSED TO THE THE DITTES MANHOLES, POLES, GUTW MERS, VALVE COVERS, VAULT TO THE THE ADJACENT TO THE REPORTED TO THE WORK AREA WILL BE GRESSION THE ADJACENT TO THE REPORTED TO THE WORK AREA WILL BE GRESSION THE CONTRACTOR SHALL DESCRIPTIONS AND CHARGE TO THE NORMARY AND SHALL BERDARD TO ADDARD TO TENDER STUDY TO REPARK. COMMUNICATION BOXESPEDESTALS, AND OTHER FACULTES Y TO REMAIN AND SHALL BERAR ANY DAMAGES AT TAUL THERE ATTING TO THE CONTRACTOR SHALL DESCRIPTION TO REPORT TO THE UDLCI. UDING BUT NOT LIMITED TO: TENCES, WALLS, SIGNS, PAYEMENT, CURRES, UTILIES, SIGNA, WATER Y AND OTHER STUDY. COMMUNICATION BOXESPEDESTALS, AND OTHER FACULTES Y TO REMAIN AND SHALL REPAR ANY DAMAGES
BASED ON THE FINAL DIFFERENCES FOUND ALL CONSTRUCTION S SUBSEQUENT ADDEN CONTRACTOR IS RES MATERIALS TESTING SPECIFICATIONS AND TESTING MATERIALS. ALL COPIES OF MATE AGENCY. IT SHALL BE THE CON WORK CONSTRUCTED DUE TO THE POTENTI GEOTECHNICAL REPO BUILDING. THE OWNE FLATWORK ADJACEN ALL CONTRACTORS M ALLOWED. ANY DAMA THE CONTRACTOR SH LIDS, FIRE HYDRANTS NO COST TO THE OWNE FLATWORK ADJACEN ALL ONTRACTOR SH INDS, FIRE HYDRANTS NO COST TO THE OWNE THE CONTRACTOR SH INCLUDING AS NECES THE CONTRACTOR SH INCLUDING AS NECES THE CONTRACTOR SH INCLUDING AS NECES THE CONTRACTOR SH CONTRACTOR SHALL DITCHES OR CULVER STE SAFETY IS SOLE CONTRACTOR SHALL DITCHES OR CULVER STE SAFETY IS SOLE STHE SAFETY IS SOLE STORAGE, AND STAG OPEN TRENCHES SH THE CONTRACTOR SH SIGNS RELATED TO S CONTRACTOR SHALL DITCHES OR CULVER STAFETY IS SOLE STORAGE, AND STAG OPEN TRENCHES SH TO ANY SUCH SAFETY PROCEDURES AND PF SIGNS RELATED TO S CONTRACTOR OFFICE CONSTRUCTION. CON STORAGE, AND STAG DENCLOYES, SIGNS, ALL SIGNS, PAVEMEN TRAFFIC CONTROL DE CONSTRUCTION. CON STORAGE, AND STAG CONTRACTOR SHALL ACTUAL FINISHED GR THE CONTRACTOR SHALL ACTUAL FINISHED GR THE CONTRACTOR SHALL ACTUAL FINISHED GR THE START OF CONS' CONTRACTOR SHALL POLLUTANT DISCHAR EROSION CONTROL DE CONTRACTOR SHALL POLLUTANT DISCHAR ENCONTRACTOR SHALL POLLUTANT DISCHAR AND VARIATIONS FRC CONTRACTOR SHALL POLLUTANT DISCHAR ENCONTRACTOR SHALL FINE ENCONT CONTROL CONTRACTOR SHALL POLLUTANT DISCHAR AND VARIATIONS FRC CONTRACTOR SHALL FINE ENCONT CONTROL CONTRACTOR SHALL POLLUTANT DISCHAR CONTRACTOR SHALL POLLUTANT DISCHAR CONTRACTOR SHALL FINE ENCONT CONTROL CONTRACTOR SHALL FINE ENCONT CONTROL CONTRACTOR SHALL FINE CONTRACTOR SHALL STR CONTRACTOR S	 SHALLE DERPORTED TO KH IMMEDIATELY. SHALLE DERPORTED TO KH IMMEDIATELY. SHALLE BERPORTED TO KH IMMEDIATELY. SHALLE BERPORTED TO KH IMMEDIATELY. SHALLE BEORRAUM ATTERNALS TERTING AND CERTIFICATION. UNLESS SPECIFIED OTHERWIRE BY OWNER. ALL BONDED AND ADDITION THE REPORTENT AND ADDITION ADDITIONATION ADDITIONATION ADDITIONATION SHALLE BEORRAUM ATTERNALS TERTING AND CERTIFICATION. UNLESS SPECIFIED OTHERWIRE BY OWNER. ALL BERDOR ADDITION THE REPORT THE ADDITIONATION INTEGRATION FOR MATERIALS. THENTING ADDITIONATIONATION ADDITIONATION ADDITIONATION ADDITIONATIONATIONATIONATIONATIONATION RIALS TEST RESULTS SHALLE BE SENT TO THE OWNER, ENGINEER AND ARCHITECT DIRECTLY FROM THE TESTING RIALS TEST RESOLUCIEST REQUERRENTS AND CITY SPECIFICATIONS. CONDERSTICH FORDER'S CONTRACTORY SPECIFICATIONS. CONDERSTONE IS CURRENTLY VESTING. CONDERSTONE IS CURRENTLY EXISTING. CONDERSTONE IS CURRENTLY EXISTING. COMMUNICATION DORE IS CURRENTLY EXISTING. COMMUNICATION BOXES FOR DESTALS. AND OTHER FACILITIES AND REPORTS DE OT THE WORK AREA WILL BE CONTRACTORY SPECIFICATIONS. COMMUNICATION BOXES/PEDESTALS. AND OTHER FACILITIES TO REMAIN AND SHALL REPAIR ANY DAMAGES AT VER. COMMUNICATION BOXES/PEDESTALS. AND OTHER FACILITIES TO REMAIN AND SHALL REPAIR ANY DAMAGES AT VER. COMMUNICATION BOXES/PEDESTALS. AND OTHER FACILITIES TO REMAIN AND SHALL REPAIR ANY DAMAGES AT VER. COMMUNICATION BOXES/PEDESTALS. AND OTHER FACILITIES TO REMAIN AND SHALL REPAIR ANY DAMAGES AT VER. COMMUNICATION BOXES/PEDESTALS. AND OTHER FACILITIES TO REMAIN AND SHALL REPAIR ANY DAMAGES AT VER. COMMUNICATION BOXES/PEDESTALS. AND OTHER FACILITIES TO REMAIN AND SHALL REPAIR ANY DAMAGES AT VER. COMMUNICATION BOXES/PEDESTALS. AND OTHER FACILITIES TO REMAIN AND SHALL REPAIR ANY DAMAGES AT VER. COMMUNICATION BOXES/PEDESTALS. AND OTHER FAC

NOTIFY THE ENGINEER

- LUDE BMPS FOR ANY OFF-SITE THAT ARE NOT ANTICIPATED OR SHOWN ON THE EROSION CONTROL PLAN. ALITY. PROTECTIVE MEASURES SHALL BE PROVIDED IF NEEDED TO ACCOMPLISH THIS REQUIREMENT, SUCH AS COVERING OR CIRCLING THE AREA WITH AN APPROPRIATE BARRIER.
- TIMES FOR ALL INGRESS/EGRESS
- MOVED IMMEDIATELY SULT OF THE CONSTRUCTION, AS REQUESTED BY OWNER AND CITY. AT A MINIMUM, THIS SHOULD OCCUR ONCE PER DAY FOR THE -SITE ROADWAYS
- ABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP BMP. ANS, THEN THE CONTRACTOR SHALL ARRANGE FOR AN APPROPRIATE DESIGN TO BE PROVIDED.
- TERIAL, AND TRASH AS CONSTRUCTION PROGRESSES.
- HIEVED WHEN THE AREA IS EITHER COVERED BY PERMANENT IMPERVIOUS STRUCTURES, SUCH AS BUILDINGS, SIDEWALK, VEMENT, OR A UNIFORM PERENNIAL VEGETATIVE COVER. CORDANCE WITH APPLICABLE REGULATIONS.

I WATER DISCHARGE AUTHORIZATION

- NTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE TCEQ GENERAL PERMIT TO DISCHARGE UNDER THE TEXAS
- LUTANT DISCHARGE ELIMINATION SYSTEM TXR 150000
- CEIVING DISCHARGE FROM THE SITE NTRACTOR SHALL BE RESPONSIBLE FOR THE IMPLEMENTATION OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IF THE TCEQ AND EPA (E.G. NOI).
- L CONTRACTORS AND SUBCONTRACTORS PROVIDING SERVICES RELATED TO THE SWPPP SHALL SIGN THE REQUIRED CONTRACTOR RTIFICATION STATEMENT ACKNOWLEDGING THEIR RESPONSIBILITIES AS SPECIFIED IN THE SWPPP.
- E CITY BY THE CONTRACTOR AND SHALL BE RETAINED ON-SITE DURING CONSTRUCTION.
- E OPERATOR OF ANY MS4 RECEIVING DISCHARGE FROM THE SITE.

- D REMOVED FROM THE SITE
- DOES NOT WARRANT OR REPRESENT THAT THE PLAN. WHICH WAS PREPARED BASED ON SURVEY AND UTILITY INFORMATION OCESS FOR THE REMOVAL OF THEIR FACILITIES.
- IS PLAN IS INTENDED TO GIVE A GENERAL GUIDE TO THE CONTRACTOR, NOTHING MORE. THE GOAL OF THE DEMOLITION IS TO LEAVE PROVEMENTS, UTILITIES, ETC. TO ACCOMPLISH THIS GOAL ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- PLEMENTING THE DEMOLITION PLAN. VIRONMENTAL SITE ASSESSMENT PROVIDED BY THE OWNER,
- BESTOS BUILDING INSPECTION REPORT(S) PROVIDED BY THE OWNER, DTECHNICAL REPORT PROVIDED BY THE OWNER HER REPORTS THAT ARE APPLICABLE AND AVAILABLE.
- ARTING ANY WORK ON THE SITE.
- OWING ALL ITEMS THAT WILL NEED TO BE DEMOLISHED AND REMOVED.

UNDATIONS OR WALLS. THAT ARE ALSO TO BE REMOVED.

- Y DISCREPANCIES.
- NTRACTOR SHALL OBTAIN ANY REQUIRED GRADING PERMITS FROM THE CITY.
- OPOSED SPOT ELEVATIONS AND CONTOURS OUTSIDE THE PAVEMENT ARE TO TOP OF FINISHED GRADE. CREPANCY
- L FINISHED GRADES SHALL TRANSITION UNIFORMLY BETWEEN THE FINISHED ELEVATIONS SHOWN NTOURS AND SPOT GRADES SHOWN ARE ELEVATIONS OF TOP OF THE FINISHED SURFACE. WHEN PERFORMING THE GRADING
- VEMENT SECTION REPRESENTATIONS OF EARTHWORK QUANTITIES OR SITE BALANCE ARE MADE BY THESE PLANS. THE CONTRACTOR SHALL
- BSEQUENT ADDENDA.
- EXCAVATION IS UNCLASSIFIED AND SHALL INCLUDE ALL MATERIALS ENCOUNTERED. UNUSABLE EXCAVATED MATERIAL AND ALL NTRACTOR AT NO ADDITIONAL EXPENSE GRADING. REFERENCE EROSION CONTROL PLAN, DETAILS, GENERAL NOTES, AND SWPPP FOR ADDITIONAL INFORMATION AND QUIREMENTS
- ADE CONTROL POINTS RELATED TO EARTHWORK.
- WS AND REGULATIONS. THE CONTRACTOR SHALL KEEP A RECORD OF WHERE EXCESS EXCAVATION WAS DISPOSED, ALONG WITH E RECEIVING LANDOWNER'S APPROVAL TO DO SO.
- ALL REFER TO LANDSCAPE ARCHITECTURE PLANS FOR SPECIFICATIONS AND REQUIREMENTS FOR TOPSOIL.
- CHES OR CULVERTS FREE OF OBSTRUCTIONS AT ALL TIMES. ASON OR ANY LENGTH OF TIME, UNLESS THESE PLANS SPECIFICALLY INDICATE THIS IS REQUIRED. MPORARY CULVERTS MAY BE REQUIRED IN SOME LOCATIONS TO CONVEY RUN-OFF.
- FER TO DIMENSION CONTROL PLAN, AND PLAT FOR HORIZONTAL DIMENSIONS. ACEMENT
- NTRACTOR IS RESPONSIBLE FOR ALL SOILS TESTING AND CERTIFICATION, UNLESS SPECIFIED OTHERWISE BY OWNER. ALL SOILS FNCY
- NSTRUCTED MEETS THE PROJECT REQUIREMENTS AND CITY SPECIFICATIONS. THE BUILDING PAD
- ATWORK ADJACENT TO THE BUILDING. IF NONE IS CURRENTLY EXISTING. S WILL NOT BE ACHIEVED, THE CONTRACTOR SHALL CONTACT THE ENGINEER TO REVIEW THE LOCATION.
- RINKLING WATER. OR BY OTHER MEANS APPROVED BY THE CITY. AT NO ADDITIONAL COST TO THE OWNER.
- ORMATION THE FIELD THAT AFFECT THE GRADING PLAN TO THE CIVIL ENGINEER.
- ESERVATION PLAN BY THE LANDSCAPE ARCHITECT PRIOR TO COMMENCING THE WORK.

EFFECTIVELY CONTROL EROSION AND PREVENT SEDIMENTATION FROM WASHING OFF THE SITE, THEN THE CONTRACTOR SHALI

FE-SITE SOIL BORROW, SPOIL, AND STORAGE AREAS (IF APPLICABLE) ARE CONSIDERED AS PART OF THE PROJECT SITE AND MUST SO COMPLY WITH THE EROSION CONTROL REQUIREMENTS FOR THIS PROJECT. THIS INCLUDES THE INSTALLATION OF BMP'S TO NTROL EROSION AND SEDIMENTATION AND THE ESTABLISHMENT OF PERMANENT GROUND COVER ON DISTURBED AREAS PRIOR TO IAL APPROVAL OF THE PROJECT. CONTRACTOR IS RESPONSIBLE FOR MODIFYING THE SWPPP AND EROSION CONTROL PLAN TO STAGING STOCKPILES SPOIL AND STORAGE SHALL BE LOCATED SUCH THAT THEY WILL NOT ADVERSELY AFFECT STORM WATER

NTRACTORS SHALL INSPECT ALL EROSION CONTROL DEVICES, BMPS, DISTURBED AREAS, AND VEHICLE ENTRY AND EXIT AREAS EKLY AND WITHIN 24 HOURS OF ALL RAINFALL EVENTS OF 0.5 INCHES OR GREATER, AND KEEP A RECORD OF THIS INSPECTION IN E SWPPP BOOKI ET IE APPLICABLE. TO VERIEV THAT THE DEVICES AND EROSION CONTROL PLAN ARE FUNCTIONING PROPERLY. NTRACTOR SHALL CONSTRUCT A STABILIZED CONSTRUCTION ENTRANCE AT ALL PRIMARY POINTS OF ACCESS IN ACCORDANCE TH CITY SPECIFICATIONS. CONTRACTOR SHALL ENSURE THAT ALL CONSTRUCTION TRAFFIC USES THE STABILIZED ENTRANCE AT

E ENTRY AND EXITS SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT THE TRACKING AND FLOWING OF SEDIMENT AND E CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL SILT AND DEBRIS FROM THE AFFECTED OFF-SITE ROADWAYS THAT ARE A

IEN WASHING OF VEHICLES IS REQUIRED TO REMOVE SEDIMENT PRIOR TO EXITING THE SITE, IT SHALL BE DONE IN AN AREA

NTRACTOR SHALL INSTALL A TEMPORARY SEDIMENT BASIN FOR ANY ON-SITE DRAINAGE AREAS THAT ARE GREATER THAN 10 RES, PER TCEQ AND CITY STANDARDS. IF NO ENGINEERING DESIGN HAS BEEN PROVIDED FOR A SEDIMENTATION BASIN ON THESE FINES IMPOSED FOR SEDIMENT OR DIRT DISCHARGED FROM THE SITE SHALL BE PAID BY THE RESPONSIBLE CONTRACTOR IEN SEDIMENT OR DIRT HAS CLOGGED THE CONSTRUCTION ENTRANCE VOID SPACES BETWEEN STONES OR DIRT IS BEING TRACKED TO A ROADWAY, THE AGGREGATE PAD MUST BE WASHED DOWN OR REPLACED. RUNOFF FROM THE WASH-DOWN OPERATION SHALL T BE ALLOWED TO DRAIN DIRECTLY OFF SITE WITHOUT FIRST FLOWING THROUGH ANOTHER BMP TO CONTROL SEDIMENTATION.

RIODIC RE-GRADING OR NEW STONE MAY BE REQUIRED TO MAINTAIN THE EFFECTIVENESS OF THE CONSTRUCTION ENTRANCE. MPORARY SEEDING OR OTHER APPROVED STABILIZATION SHALL BE INITIATED WITHIN 14 DAYS OF THE LAST DISTURBANCE OF ANY EA, UNLESS ADDITIONAL CONSTRUCTION IN THE AREA IS EXPECTED WITHIN 21 DAYS OF THE LAST DISTURBANCE. NTRACTOR SHALL FOLLOW GOOD HOUSEKEEPING PRACTICES DURING CONSTRUCTION, ALWAYS CLEANING UP DIRT, LOOSE ON COMPLETION OF FINE GRADING, ALL SURFACES OF DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED. STABILIZATION IS

THE CONCLUSION OF THE PROJECT, ALL INLETS, DRAIN PIPE, CHANNELS, DRAINAGEWAYS AND BORROW DITCHES AFFECTED BY THE NSTRUCTION SHALL BE DREDGED, AND THE SEDIMENT GENERATED BY THE PROJECT SHALL BE REMOVED AND DISPOSED IN

NTRACTOR SHALL COMPLY WITH ALL TCEQ AND EPA STORM WATER POLLUTION PREVENTION REQUIREMENTS.

E CONTRACTOR SHALL ENSURE THAT ALL PRIMARY OPERATORS SUBMIT A NOI TO TCEQ AT LEAST SEVEN DAYS PRIOR TO MMENCING CONSTRUCTION (IF APPLICABLE), OR IF UTILIZING ELECTRONIC SUBMITTAL, PRIOR TO COMMENCING CONSTRUCTION. L PRIMARY OPERATORS SHALL PROVIDE A COPY OF THE SIGNED NOI TO THE OPERATOR OF ANY MS4 (TYPICALLY THE CITY)

PLICABLE, INCLUDING POSTING SITE NOTICE, INSPECTIONS, DOCUMENTATION, AND SUBMISSION OF ANY INFORMATION REQUIRED

COPY OF THE SWPPP, INCLUDING NOI, SITE NOTICE, CONTRACTOR CERTIFICATIONS, AND ANY REVISIONS, SHALL BE SUBMITTED TO IOTICE OF TERMINATION (NOT) SHALL BE SUBMITTED TO TCEQ BY ANY PRIMARY OPERATOR WITHIN 30 DAYS AFTER ALL SOIL

TURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED AND A UNIFORM VEGETATIVE COVER HAS BEEN ESTABLISHED ON ALL PAVED AREAS AND AREAS NOT COVERED BY STRUCTURES, A TRANSFER OF OPERATIONAL CONTROL HAS OCCURRED, OR THE ERATOR HAS OBTAINED ALTERNATIVE AUTHORIZATION UNDER A DIFFERENT PERMIT. A COPY OF THE NOT SHALL BE PROVIDED TO

IS NOT RESPONSIBLE FOR THE MEANS AND METHODS EMPLOYED BY THE CONTRACTOR TO IMPLEMENT THIS DEMOLITION PLAN. S PRELIMINARY DEMOLITION PLAN SIMPLY INDICATES THE KNOWN OBJECTS ON THE SUBJECT TRACT THAT ARE TO BE DEMOLISHED

OVIDED BY OTHERS, SHOWS ALL IMPROVEMENTS AND UTILITIES, THAT THE IMPROVEMENTS AND UTILITIES ARE SHOWN CURATELY, OR THAT THE UTILITIES SHOWN CAN BE REMOVED. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING ITS OWN SITE CONNAISSANCE TO SCOPE ITS WORK AND TO CONFIRM WITH THE OWNERS OF IMPROVEMENTS AND UTILITIES THE ABILITY AND

E SITE IN A STATE SUITABLE FOR THE CONSTRUCTION OF THE PROPOSED DEVELOPMENT. REMOVAL OR PRESERVATION OF NTRACTOR IS STRONGLY CAUTIONED TO REVIEW THE FOLLOWING REPORTS DESCRIBING SITE CONDITIONS PRIOR TO BIDDING AND

NTRACTOR SHALL CONTACT THE OWNER TO VERIFY WHETHER ADDITIONAL REPORTS OR AMENDMENTS TO THE ABOVE CITED PORTS HAVE BEEN PREPARED AND TO OBTAIN/REVIEW/AND COMPLY WITH THE RECOMMENDATION OF SUCH STUDIES PRIOR TO

NTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS REGARDING THE DEMOLITION OF OBJECTS ON E SITE AND THE DISPOSAL OF THE DEMOLISHED MATERIALS OFF-SITE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO REVIEW E SITE DETERMINE THE APPLICABLE REGULATIONS RECEIVE THE REQUIRED PERMITS AND AUTHORIZATIONS AND COMPLY DOES NOT REPRESENT THAT THE REPORTS AND SURVEYS REFERENCED ABOVE ARE ACCURATE, COMPLETE, OR COMPREHENSIVI RFACE PAVEMENT INDICATED MAY OVERLAY OTHER HIDDEN STRUCTURES, SUCH AS ADDITIONAL LAYERS OF PAVEMENT,

E CONTRACTOR AND GRADING SUBCONTRACTOR SHALL VERIFY THE SUITABILITY OF EXISTING AND PROPOSED SITE CONDITIONS LUDING GRADES AND DIMENSIONS BEFORE START OF CONSTRUCTION. THE CIVIL ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF

LESS OTHERWISE NOTED, PROPOSED CONTOURS AND SPOT ELEVATIONS SHOWN IN PAVED AREA REFLECT TOP OF PAVEMENT

OPOSED CONTOURS ARE APPROXIMATE. PROPOSED SPOT ELEVATIONS AND DESIGNATED GRADIENT ARE TO BE USED IN CASE OF

ERATIONS, THE CONTRACTOR SHALL PROVIDE AN APPROPRIATE ELEVATION HOLD-DOWN ALLOWANCE FOR THE THICKNESS OF VEMENT SIDEWALK TOPSOIL MULCH STONE LANDSCAPING RIP-RAP AND ALL OTHER SURFACE MATERIALS THAT WILL NTRIBUTE TO THE TOP OF FINISHED GRADE. FOR EXAMPLE, THE LIMITS OF EARTHWORK IN PAVED AREAS IS THE BOTTOM OF THE

OVIDE THEIR OWN EARTHWORK CALCULATION TO DETERMINE THEIR CONTRACT QUANTITIES AND COST. ANY SIGNIFICANT RIANCE FROM A BALANCED SITE SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE CIVIL ENGINEER. L GRADING AND EARTHWORK SHALL COMPLY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT (OR LATEST EDITION), INCLUDING

STE RESULTING FROM SITE CLEARING AND GRUBBING SHALL BE REMOVED FROM THE SITE AND APPROPRIATELY DISPOSED BY THE OSION CONTROL DEVICES SHOWN ON THE EROSION CONTROL PLAN FOR THE PROJECT SHALL BE INSTALLED PRIOR TO THE START

E AND SITE IMPROVEMENTS. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY ENGINEERING AND SURVEYING FOR LINE AND

NTRACTOR TO DISPOSE OF ALL EXCESS EXCAVATION MATERIALS IN A MANNER THAT ADHERES TO LOCAL, STATE AND FEDERAL

NTRACTOR SHALL MAINTAIN ADEQUATE SITE DRAINAGE DURING ALL PHASES OF CONSTRUCTION, INCLUDING MAINTAINING EXISTING

EARTHWORK FILL SHALL BE PLACED IN ANY EXISTING DRAINAGE WAY, SWALE, CHANNEL, DITCH, CREEK, OR FLOODPLAIN FOR ANY

E CONTRACTOR SHALL CLEAR AND GRUB THE SITE AND PLACE, COMPACT, AND CONDITION FILL PER THE PROJECT GEOTECHNICAL GINEER'S SPECIFICATIONS. THE FILL MATERIAL TO BE USED SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO

STING SHALL BE COORDINATED WITH THE APPROPRIATE CITY INSPECTOR AND SHALL COMPLY WITH CITY STANDARD ECIFICATIONS AND THE GEOTECHNICAL REPORT. SOILS TESTING SHALL BE PERFORMED BY AN APPROVED INDEPENDENT AGENCY R TESTING SOILS. THE OWNER SHALL APPROVE THE AGENCY NOMINATED BY THE CONTRACTOR FOR SOILS TESTING. L COPIES OF SOILS TEST RESULTS SHALL BE SENT TO THE OWNER, ENGINEER AND ARCHITECT DIRECTLY FROM THE TESTING

SHALL BE THE CONTRACTORS RESPONSIBILITY TO SHOW, BY THE STANDARD TESTING PROCEDURES OF THE SOILS, THAT THE WORK E SCOPE OF WORK FOR CIVIL IMPROVEMENT SHOWN ON THESE PLANS TERMINATES 5-FEET FROM THE BUILDING. CONTRACTOR ALL REFER TO THE GEOTECHNICAL REPORT AND STRUCTURAL PLANS AND SPECIFICATIONS FILL, CONDITIONING, AND PREPARATION

E TO THE POTENTIAL FOR DIFFERENTIAL SOIL MOVEMENT ADJACENT TO THE BUILDING, THE CONTRACTOR SHALL ADHERE TO OTECHNICAL REPORT'S RECOMMENDATION FOR SUBGRADE PREPARATION SPECIFIC TO FLATWORK ADJACENT TO THE PROPOSED ILDING. THE OWNER AND CONTRACTOR ARE ADVISED TO OBTAIN A GEOTECHNICAL ENGINEER RECOMMENDATION SPECIFIC TO

E CONTRACTOR SHALL TAKE ALL AVAILABLE PRECAUTIONS TO CONTROL DUST. CONTRACTOR SHALL CONTROL DUST BY

EDED FOR GRADING OPERATIONS AND TO ACCOMMODATE PROPOSED GRADE, INCLUDING THE UNKNOWN UTILITIES NOT SHOWN ON ESE PLANS. CONTRACTOR SHALL REFER TO THE GENERAL NOTES "OVERALL" SECTION THESE PLANS FOR ADDITIONAL ISTING TREE LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE. CONTRACTOR SHALL REPORT ANY DISCREPANCIES FOUND

NTRACTOR SHALL FIELD VERIFY ALL PROTECTED TREE LOCATIONS, INDIVIDUAL PROTECTED TREE CRITICAL ROOT ZONES, AND OPOSED SITE GRADING, AND NOTIFY THE CIVIL ENGINEER AND LANDSCAPE ARCHITECT OF ANY CONFLICTS WITH THE TREE

TREE PROTECTION MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY STANDARD TREE PROTECTION DETAILS AND THE

- APPROVED TREE PRESERVATION PLANS BY THE LANDSCAPE ARCHITECT 1.CONTRACTOR SHALL REFER TO THE LANDSCAPING AND TREE PRESERVATIONS PLANS FOR ALL INFORMATION AND DETAILS
- REGARDING EXISTING TREES TO BE REMOVED AND PRESERVED 32.NO TREE SHALL BE REMOVED UNLESS A TREE REMOVAL PERMIT HAS BEEN ISSUED BY THE CITY, OR CITY HAS OTHERWISE CONFIRMED IN WRITING THAT ONE IS NOT NEEDED FOR THE TREE(S)

- 33.NO TREE SHALL BE REMOVED OR DAMAGED WITHOUT PRIOR AUTHORIZATION OF THE OWNER OR OWNER'S REPRESENTATIVE. EXISTING TREES SHALL BE PRESERVED WHENEVER POSSIBLE AND GRADING IMPACT TO THEM HELD TO A MINIMUM. 34 AFTER PLACEMENT OF SUBGRADE AND PRIOR TO PLACEMENT OF PAVEMENT, CONTRACTOR SHALL TEST AND OBSERVE PAVEMENT AREAS FOR EVIDENCE OF PONDING AND INADEQUATE SLOPE FOR DRAINAGE. ALL AREAS SHALL ADEQUATELY DRAIN TOWARDS THE
- INTENDED STRUCTURE TO CONVEY STORMWATER RUNOFF. CONTRACTOR SHALL IMMEDIATELY NOTIFY OWNER AND ENGINEER IF ANY AREAS OF POOR DRAINAGE ARE DISCOVERED. 35. CONTRACTOR FIELD ADJUSTMENT OF PROPOSED SPOT GRADES IS ALLOWED, IF THE APPROVAL OF THE CIVIL ENGINEER IS OBTAINED. RETAINING WALLS:
- RETAINING WALLS SHOWN ARE FOR SITE GRADING PURPOSES ONLY, AND INCLUDE ONLY LOCATION AND SURFACE SPOT ELEVATIONS AT THE TOP AND BOTTOM OF THE WALL 2. RETAINING WALL TYPE OR SYSTEM SHALL BE SELECTED BY THE OWNER.
- T ONTO OFF-SITE ROADWAYS. ALL SEDIMENT AND DIRT FROM THE SITE THAT IS DEPOSITED ONTO AN OFF-SITE ROADWAY SHALL BE 3. RETAINING WALL DESIGN SHALL BE PROVIDED BY OTHERS AND SHALL FIT IN THE WALL ZONE OR LOCATION SHOWN ON THESE PLANS. STRUCTURAL DESIGN AND PERMITTING OF RETAINING WALLS, RAILINGS, AND OTHER WALL SAFETY DEVICES SHALL BE PERFORMED BY 25.D A LICENSED ENGINEER AND ARE NOT PART OF THIS PLAN SET. 4. RETAINING WALL DESIGN SHALL MEET THE INTENT OF THE GRADING PLAN AND SHALL ACCOUNT FOR ANY INFLUENCE ON ADJACENT
 - BUILDING FOUNDATIONS, UTILITIES, PROPERTY LINES AND OTHER CONSTRUCTABILITY NOTES. 5. RETAINING WALL ENGINEER SHALL CONSULT THESE PLANS AND THE GEOTECHNICAL REPORT FOR POTENTIAL CONFLICTS.

 - ALL PAVING MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE PLANS. THE CITY STANDARD DETAILS AND SPECIFICATIONS, THE FINAL GEOTECHNICAL REPORT AND ALL ISSUED ADDENDA, AND COMMONLY ACCEPTED CONSTRUCTION STANDARDS THE CITY SPECIFICATIONS SHALL GOVERN WHERE OTHER SPECIFICATIONS DO NOT EXIST. IN CASE OF CONFLICTING SPECIFICATIONS OR DETAILS, THE MORE RESTRICTIVE SPECIFICATION/DETAIL SHALL BE FOLLOWED . ALL PRIVATE ON-SITE PAVING AND PAVING SUBGRADE SHALL COMPLY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT (OR LATEST EDITION), INCLUDING ALL ADDENDA
 - 3. ALL FIRELANE PAVING AND PAVING SUBGRADE SHALL COMPLY WITH CITY STANDARDS AND DETAILS. IF THESE ARE DIFFERENT THAN 30.TH THOSE IN THE GEOTECHNICAL REPORT. THEN THE MORE RESTRICTIVE SHALL BE FOLLOWED 4. ALL PUBLIC PAVING AND PAVING SUBGRADE SHALL COMPLY WITH CITY STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS.
 - 5. CONTRACTOR IS RESPONSIBLE FOR ALL PAVING AND PAVING SUBGRADE TESTING AND CERTIFICATION, UNLESS SPECIFIED OTHERWISE BY OWNER. ALL PAVING AND PAVING SUBGRADE TESTING SHALL BE COORDINATED WITH THE APPROPRIATE CITY INSPECTOR. TESTING SHALL BE PERFORMED BY AN APPROVED INDEPENDENT AGENCY FOR TESTING PAVING AND SUBGRADE. OWNER SHALL APPROVE THE AGENCY NOMINATED BY THE CONTRACTOR FOR PAVING AND PAVING SUBGRADE TESTING 6. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO SHOW, BY THE STANDARD TESTING PROCEDURES OF THE PAVING AND PAVING
 - SUBGRADE, THAT THE WORK CONSTRUCTED MEETS THE PROJECT REQUIREMENTS AND CITY SPECIFICATIONS. 7 DUE TO THE POTENTIAL FOR DIFFERENTIAL SOIL MOVEMENT AD ACENT TO THE BUILDING. THE CONTRACTOR SHALL ADHERE TO GEOTECHNICAL REPORT'S RECOMMENDATION FOR SUBGRADE PREPARATION SPECIFIC TO FLATWORK ADJACENT TO THE PROPOSED BUILDING. THE OWNER AND CONTRACTOR ARE ADVISED TO OBTAIN A GEOTECHNICAL ENGINEER RECOMMENDATION SPECIFIC TO FLATWORK ADJACENT TO THE BUILDING, IF NONE IS CURRENTLY EXISTING.
 - 8. CURB RAMPS ALONG PUBLIC STREETS AND IN THE PUBLIC RIGHT-OF-WAY SHALL BE CONSTRUCTED BASED ON THE CITY STANDARD CONSTRUCTION DETAIL AND SPECIFICATIONS 9. PRIVATE CURB RAMPS ON THE SITE (I.E. OUTSIDE PUBLIC STREET RIGHT-OF-WAY) SHALL CONFORM TO ADA AND TAS STANDARDS AND
 - SHALL HAVE A DETECTABLE WARNING SURFACE THAT IS FULL WIDTH AND FULL DEPTH OF THE CURB RAMP. NOT INCLUDING FLARES 10. ALL ACCESSIBLE RAMPS, CURB RAMPS, STRIPING, AND PAVEMENT MARKINGS SHALL CONFORM TO ADA AND TAS STANDARDS, LATEST EDITION 11. ANY COMPONENTS OF THE PROJECT SUBJECT TO RESIDENTIAL USE SHALL ALSO CONFORM TO THE FAIR HOUSING ACT. AND COMPLY
 - WITH THE FAIR HOUSING ACT DESIGN MANUAL BY THE US DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT. 12 CONTRACTOR SHALL CONSTRUCT PROPOSED PAVEMENT TO MATCH EXISTING PAVEMENT WITH A SMOOTH FLUSH CONNECTION 13. CONTRACTOR SHALL FURNISH AND INSTALL ALL PAVEMENT MARKINGS FOR FIRE LANES. PARKING STALLS, HANDICAPPED PARKING SYMBOLS, AND MISCELLANEOUS STRIPING WITHIN PARKING LOT AND AROUND BUILDING AS SHOWN ON THE PLANS. ALL PAINT AND PAVEMENT MARKINGS SHALL ADHERE TO CITY AND OWNER STANDARDS
 - 14. REFER TO GEOTECHNICAL REPORT FOR PAVING JOINT LAYOUT PLAN REQUIREMENTS FOR PRIVATE PAVEMENT 15 REFER TO CITY STANDARD DETAILS AND SPECIFICATIONS FOR JOINT LAYOUT PLAN REQUIREMENTS FOR PUBLIC PAVEMENT
 - 16. ALL REINFORCING STEEL SHALL CONFORM TO THE GEOTECHNICAL REPORT, CITY STANDARDS, AND ASTM A-615, GRADE 60, AND SHALL BE SUPPORTED BY BAR CHAIRS. CONTRACTOR SHALL USE THE MORE STRINGENT OF THE CITY AND GEOTECHNICAL STANDARDS. 17. ALL JOINTS SHALL EXTEND THROUGH THE CURB. 18. THE MINIMUM LENGTH OF OFFSET JOINTS AT RADIUS POINTS SHALL BE 2 FEET.
 - 19. CONTRACTOR SHALL SUBMIT A JOINTING PLAN TO THE ENGINEER AND OWNER PRIOR TO BEGINNING ANY OF THE PAVING WORK. 20. ALL SAWCUTS SHALL BE FULL DEPTH FOR PAVEMENT REMOVAL AND CONNECTION TO EXISTING PAVEMENT
 - 21.FIRE LANES SHALL BE MARKED AND LABELED AS A FIRELANE PER CITY STANDARDS. 22. UNLESS THE PLANS SPECIFICALLY DICTATE TO THE CONTRARY. ON-SITE AND OTHER DIRECTIONAL SIGNS SHALL BE ORIENTED SO THEY ARE READILY VISIBLE TO THE ONCOMING TRAFFIC FOR WHICH THEY ARE INTENDED.
 - 23.CONTRACTOR IS RESPONSIBLE FOR INSTALLING NECESSARY CONDUIT FOR LIGHTING. IRRIGATION. ETC. PRIOR TO PLACEMENT OF PAVEMENT. ALL CONSTRUCTION DOCUMENTS (CIVIL, MEP, LANDSCAPE, IRRIGATION, AND ARCHITECT) SHALL BE CONSULTED. 24.BEFORE PLACING PAVEMENT, CONTRACTOR SHALL VERIFY THAT SUITABLE ACCESSIBLE PEDESTRIAN ROUTES (PER ADA, TAS, AND FHA) EXIST TO AND FROM EVERY DOOR AND ALONG SIDEWALKS, ACCESSIBLE PARKING SPACES, ACCESS AISLES, AND ACCESSIBLE ROUTES. IN NO CASE SHALL AN ACCESSIBLE RAMP SLOPE EXCEED 1 VERTICAL TO 12 HORIZONTAL. IN NO CASE SHALL SIDEWALK
 - CROSS SLOPE EXCEED 2.0 PERCENT. IN NO CASE SHALL LONGITUDINAL SIDEWALK SLOPE EXCEED 5.0 PERCENT. ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL NOT EXCEED 2.0 PERCENT SLOPE IN ANY DIRECTION. 25.CONTRACTOR SHALL TAKE FIELD SLOPE MEASUREMENTS ON FINISHED SUBGRADE AND FORM BOARDS PRIOR TO PLACING PAVEMENT TO VERIFY THAT ADA/TAS SLOPE REQUIREMENTS ARE PROVIDED. CONTRACTOR SHALL CONTACT ENGINEER PRIOR TO PAVING IF ANY EXCESSIVE SLOPES ARE ENCOUNTERED. NO CONTRACTOR CHANGE ORDERS WILL BE ACCEPTED FOR ADA AND TAS SLOPE COMPLIANCE ISSUES

ALL STORM SEWER MATERIALS AND CONSTRUCTION SHALL COMPLY WITH CITY STANDARD CONSTRUCTION DETAILS AND

- SPECIFICATIONS 2. THE SITE UTILITY CONTRACTOR SHALL PROVIDE ALL MATERIALS AND APPURTENANCES NECESSARY FOR COMPLETE INSTALLATION OF THE STORM SEWER.
- THE CONTRACTOR SHALL FIELD VERIFY THE SIZE, CONDITION, HORIZONTAL, AND VERTICAL LOCATIONS OF ALL EXISTING STORM SEWER FACILITIES THAT ARE TO BE CONNECTED TO PRIOR TO START OF CONSTRUCTION OF ANY STORM SEWER AND SHALL NOTIFY THE ENGINEER OF ANY CONFLICTS DISCOVERED.
- 4 THE CONTRACTOR SHALL VERIEV AND COORDINATE ALL DIMENSIONS SHOWN INCLUDING THE HORIZONTAL AND VERTICAL LOCATION OF CURB INLETS AND GRATE INLETS AND ALL UTILITIES CROSSING THE STORM SEWER 5. FLOW LINE, TOP-OF-CURB, RIM, THROAT, AND GRATE ELEVATIONS OF PROPOSED INLETS SHALL BE VERIFIED WITH THE GRADING PLAN
- AND FIELD CONDITIONS PRIOR TO THEIR INSTALLATION 6. ALL PUBLIC STORM SEWER CONSTRUCTION, PIPE, STRUCTURES, AND FITTINGS SHALL ADHERE TO CITY PUBLIC WORKS STANDARD DETAILS AND SPECIFICATIONS CONTRACTOR SHALL ARRANGE FOR REQUIRED CITY INSPECTIONS
- 7. ALL PRIVATE STORM SEWER CONSTRUCTION, PIPE, STRUCTURES, AND FITTINGS SHALL ADHERE TO THE APPLICABLE PLUMBING CODE. CONTRACTOR SHALL ARRANGE FOR REQUIRED CITY INSPECTIONS.
- 8. ALL PVC TO RCP CONNECTIONS AND ALL STORM PIPE CONNECTIONS ENTERING STRUCTURES OR OTHER STORM PIPES SHALL HAVE A CONCRETE COLLAR AND BE GROUTED TO ASSURE THE CONNECTION IS WATERTIGHT. 9. ALL PUBLIC STORM SEWER LINES SHALL BE MINIMUM CLASS III RCP. PRIVATE STORM SEWER LINES 18-INCHES AND GREATER SHALL BE
- CLASS III RCP OR OTHER APPROVED MATERIAL RFACE. IN LOCATIONS ALONG A CURB LINE, ADD 6-INCHES (OR THE HEIGHT OF THE CURB) TO THE PAVING GRADE FOR TOP OF CURB 10. WHERE COVER EXCEEDS 20-FEET OR IS LESS THAN 2-FEET, CLASS IV RCP SHALL BE USED. 11.IF CONTRACTOR PROPOSES TO USE HDPE OR PVC IN LIEU OF RCP FOR PRIVATE STORM SEWER, CONTRACTOR SHALL SUBMIT TECHNICAL DATA TO THE OWNER, ENGINEER AND CITY ENGINEER/INSPECTOR FOR APPROVAL PRIOR TO ORDERING THE MATERIAL.
 - ANY PROPOSED HDPE AND PVC SHALL BE WATERTIGHT 12. THE CONTRACTOR SHALL PROVIDE CONSTRUCTION SURVEYING FOR ALL STORM SEWER LINES.
 - 13. EMBEDMENT FOR ALL STORM SEWER LINES, PUBLIC OR PRIVATE, SHALL BE PER CITY STANDARD DETAILS. 14. ALL WYE CONNECTIONS AND PIPE BENDS ARE TO BE PREFABRICATED AND INSTALLED PER MANUFACTURERS SPECIFICATIONS.
 - 15. USE 4 FOOT JOINTS WITH BEVELED ENDS IF RADIUS OF STORM SEWER IS LESS THAN 100 FEET. 16. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND SUBMITTING A TRENCH SAFETY PLAN. PREPARED BY A PROFESSIONAL ENGINEER IN THE STATE OF TEXAS, TO THE CITY PRIOR TO CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TRENCH SAFETY REQUIREMENTS IN ACCORDANCE WITH CITY, STATE, AND FEDERAL REQUIREMENTS, INCLUDING OSHA FOR ALL TRENCHES. NO OPEN TRENCHES SHALL BE ALLOWED OVERNIGHT WITHOUT PRIOR WRITTEN APPROVAL OF THE CITY. 17. THE CONTRACTOR SHALL KEEP TRENCHES FREE FROM WATER.

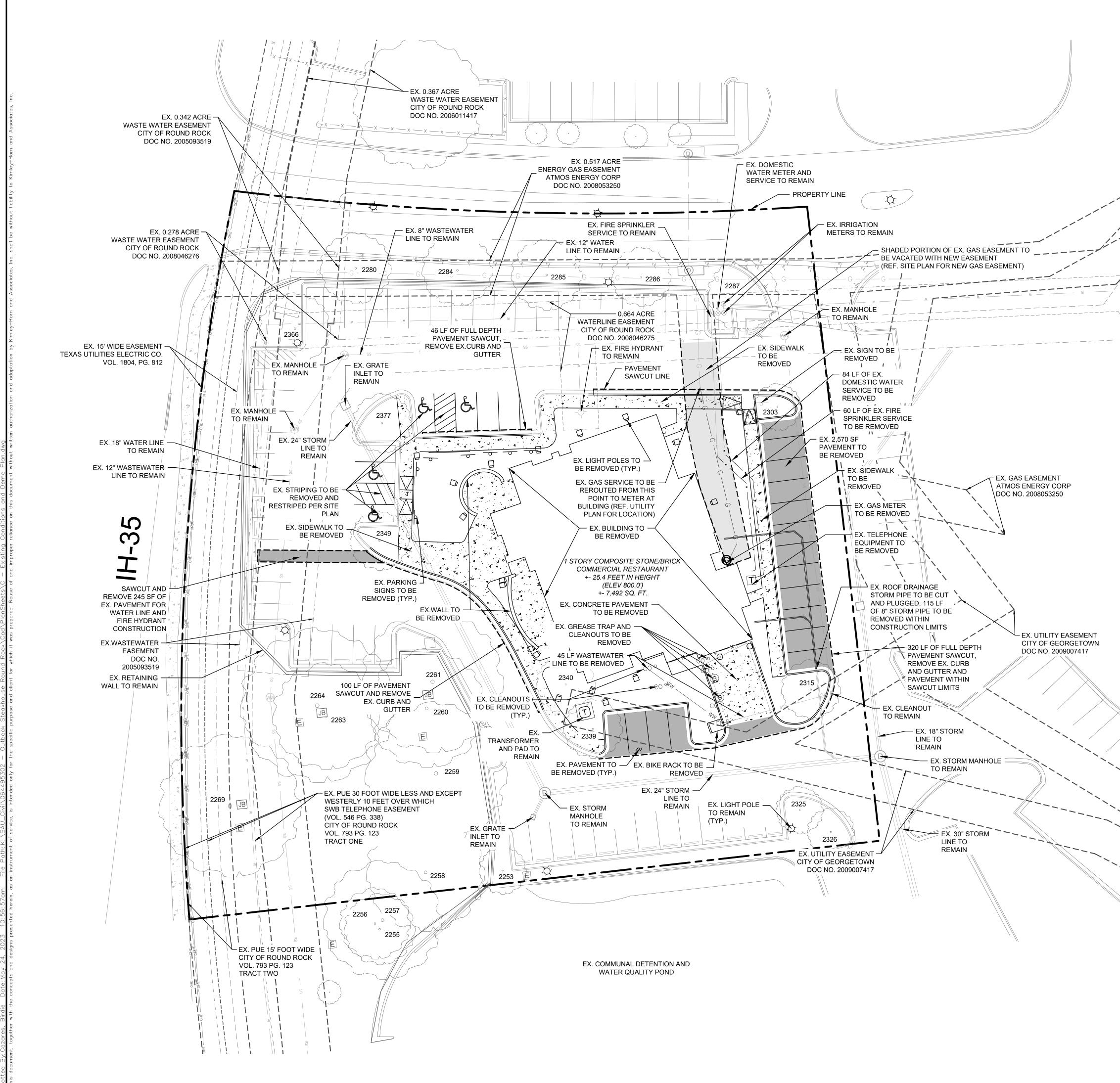
- ANY PONDS THAT ARE INTENDED TO HOLD WATER INDEFINITELY SHALL BE CONSTRUCTED WATERTIGHT. 2. FOR ANY PONDS INTENDED TO HOLD WATER INDEFINITELY: THE CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT FOR
- POND LINER SPECIFICATIONS 3. A GEOTECHNICAL ENGINEER SHALL REVIEW AND APPROVE ALL POND LINER MATERIAL, PLACEMENT PROCEDURES, AND PROVIDE
- TESTING TO ENSURE THE POND LINER MATERIAL PLACED IS WATERTIGHT. 4. STORM SEWER PIPES AND HEADWALLS THAT CONNECT TO A POND INTENDED TO HOLD WATER INDEFINITELY SHALL BE INSTALLED WITH WATERTIGHT JOINTS TO AT LEAST 1-FOOT ABOVE THE NORMAL POOL WATER SURFACE ELEVATION.
- FORE ANY EARTHWORK IS PERFORMED, THE CONTRACTOR SHALL STAKE OUT AND MARK THE LIMITS OF THE PROJECT'S PROPERTY 5. ANY GRAVEL OR OTHER PERVIOUS EMBEDMENT AROUND PIPES OR OUTFALL STRUCTURES NEAR THE POND SHALL BE ELIMINATED FOR AT LEAST 20-FEET FROM THE POND SO NO ROUTE FOR WATER TO LEAK THROUGH THE EMBEDMENT MATERIAL IS PROVIDED. BACKFILL IN THESE AREAS SHALL BE OF IMPERVIOUS MATERIAL
 - 6. FOR ANY PONDS INTENDED TO HOLD WATER INDEFINITELY: THE WATER LEVEL FOLLOWING COMPLETION AND FILLING OF THE POND SHALL BE MONITORED BY THE CONTRACTOR FOR AT LEAST 60 DAYS TO OBSERVE WATER INFLOW, OUTFLOW, AND CALCULATE EVAPORATION TO VERIFY THAT THE POND IS WATERTIGHT.
 - CONTRACTOR FOR THE DURATION OF CONSTRUCTION SO THAT IT REMAINS FULL TO ITS DESIGN WATER LEVEL, AND IS NOT LOWERED, AS THIS MAY DRY-OUT THE POND LINER AND RISK ITS WATERTIGHT PROPERTIES.

- SPECIFICATIONS 2. CONTRACTOR SHALL FIELD VERIFY THE SIZE, CONDITION, HORIZONTAL, AND VERTICAL LOCATIONS OF ALL EXISTING WATER AND WASTEWATER FACILITIES THAT ARE TO BE CONNECTED TO, PRIOR TO START OF CONSTRUCTION OF ANY WATER OR WASTEWATER CONSTRUCTION, AND SHALL NOTIFY THE ENGINEER OF ANY CONFLICTS DISCOVERED. 3. CONTRACTOR SHALL VERIFY AND COORDINATE ALL DIMENSIONS SHOWN, INCLUDING THE HORIZONTAL AND VERTICAL LOCATION OF
- ALL UTILITY SERVICES ENTERING THE BUILDING 4. THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATION OF ALL UTILITY CROSSINGS PRIOR TO THE INSTALLATION OF ANY PIPE. . THE SITE UTILITY CONTRACTOR SHALL PROVIDE ALL MATERIALS AND APPURTENANCES NECESSARY FOR COMPLETE INSTALLATION OF THE WATER AND WASTEWATER IMPROVEMENTS.
- 6. ALL PUBLIC WATER AND WASTEWATER CONSTRUCTION, PIPE, STRUCTURES, AND FITTINGS SHALL ADHERE TO CITY PUBLIC WORKS STANDARD DETAILS AND SPECIFICATIONS. CONTRACTOR SHALL ARRANGE FOR REQUIRED CITY INSPECTIONS. . ALL PRIVATE WATER AND WASTEWATER CONSTRUCTION, PIPE, STRUCTURES, AND FITTINGS SHALL ADHERE TO THE APPLICABLE
- PLUMBING CODE. CONTRACTOR SHALL ARRANGE FOR REQUIRED CITY INSPECTIONS. 8. FIRE SPRINKLER LINES SHALL BE DESIGNED AND INSTALLED BY A LICENSED FIRE SPRINKLER CONTRACTOR, AND COMPLY TO THE APPLICABLE CODES AND INSPECTIONS REQUIRED. THESE PLANS WERE PREPARED WITHOUT THE BENEFIT OF THE FIRE SPRINKLER
- DESIGN. CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY DISCREPANCIES. 9. EMBEDMENT FOR ALL WATER AND WASTEWATER LINES, PUBLIC OR PRIVATE, SHALL BE PER CITY STANDARD DETAILS. 10. CONTRACTOR SHALL TAKE REQUIRED SANITARY PRECAUTIONS, FOLLOWING ANY CITY, TCEQ, AND AWWA STANDARDS, TO KEEP
- WATER PIPE AND FITTINGS CLEAN AND CAPPED AT TIMES WHEN INSTALLATION IS NOT IN PROGRESS. 11 CONTRACTOR SHALL PROVIDE CONSTRUCTION SURVEYING FOR ALL WATER AND WASTEWATER LINES
- NTRACTOR SHALL ENSURE THAT SUFFICIENT POSITIVE SLOPE AWAY FROM THE BUILDING PAD IS ACHIEVED FOR ENTIRE PERIMETER 12. ALL WATER AND WASTEWATER SERVICES SHALL TERMINATE 5-FEET OUTSIDE THE BUILDING, UNLESS NOTED OTHERWISE. THE PROPOSED BUILDING(S) DURING GRADING OPERATIONS AND IN THE FINAL CONDITION. IF THE CONTRACTOR OBSERVES THAT 13. CONTRACTOR SHALL COMPLY WITH CITY REQUIREMENTS FOR WATER AND WASTEWATER SERVICE DISRUPTIONS AND THE AMOUNT OF PRIOR NOTICE THAT IS REQUIRED, AND SHALL COORDINATE DIRECTLY WITH THE APPROPRIATE CITY DEPARTMENT. 14. CONTRACTOR SHALL SEQUENCE WATER AND WASTEWATER CONSTRUCTION TO AVOID INTERRUPTION OF SERVICE TO SURROUNDING
- PROPERTIES NTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES FOR ANY REQUIRED UTILITY ADJUSTMENTS AND/OR RELOCATIONS 15. CONTRACTOR SHALL MAINTAIN WATER SERVICE AND WASTEWATER SERVICE TO ALL CUSTOMERS THROUGHOUT CONSTRUCTION (IF NECESSARY, BY USE OF TEMPORARY METHODS APPROVED BY THE CITY AND OWNER). THIS WORK SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED
 - 16. THE CONTRACTOR IS RESPONSIBLE TO PROTECT ALL WATER AND WASTEWATER LINES CROSSING THE PROJECT. THE CONTRACTOR SHALL REPAIR ALL DAMAGED LINES IMMEDIATELY. ALL REPAIRS OF EXISTING WATER MAINS, WATER SERVICES, SEWER MAINS, AND SANITARY SEWER SERVICES ARE SUBSIDIARY TO THE WORK, AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED. 17. VALVE ADJUSTMENTS SHALL BE CONSTRUCTED SUCH THAT THE COVERS ARE AT FINISHED SURFACE GRADE OF THE PROPOSED
 - PAVEMEN 18. THE ENDS OF ALL EXISTING WATER MAINS THAT ARE CUT, BUT NOT REMOVED, SHALL BE PLUGGED AND ABANDONED IN PLACE. THIS WORK SHALL BE CONSIDERED AS A SUBSIDIARY COST TO THE PROJECT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED

- NTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF TOPSOIL AT THE COMPLETION OF FINE GRADING. CONTRACTOR 7. FOR ANY PONDS INTENDED TO HOLD WATER INDEFINITELY: THE POND WATER LEVEL SHALL ALSO BE MAINTAINED BY THE

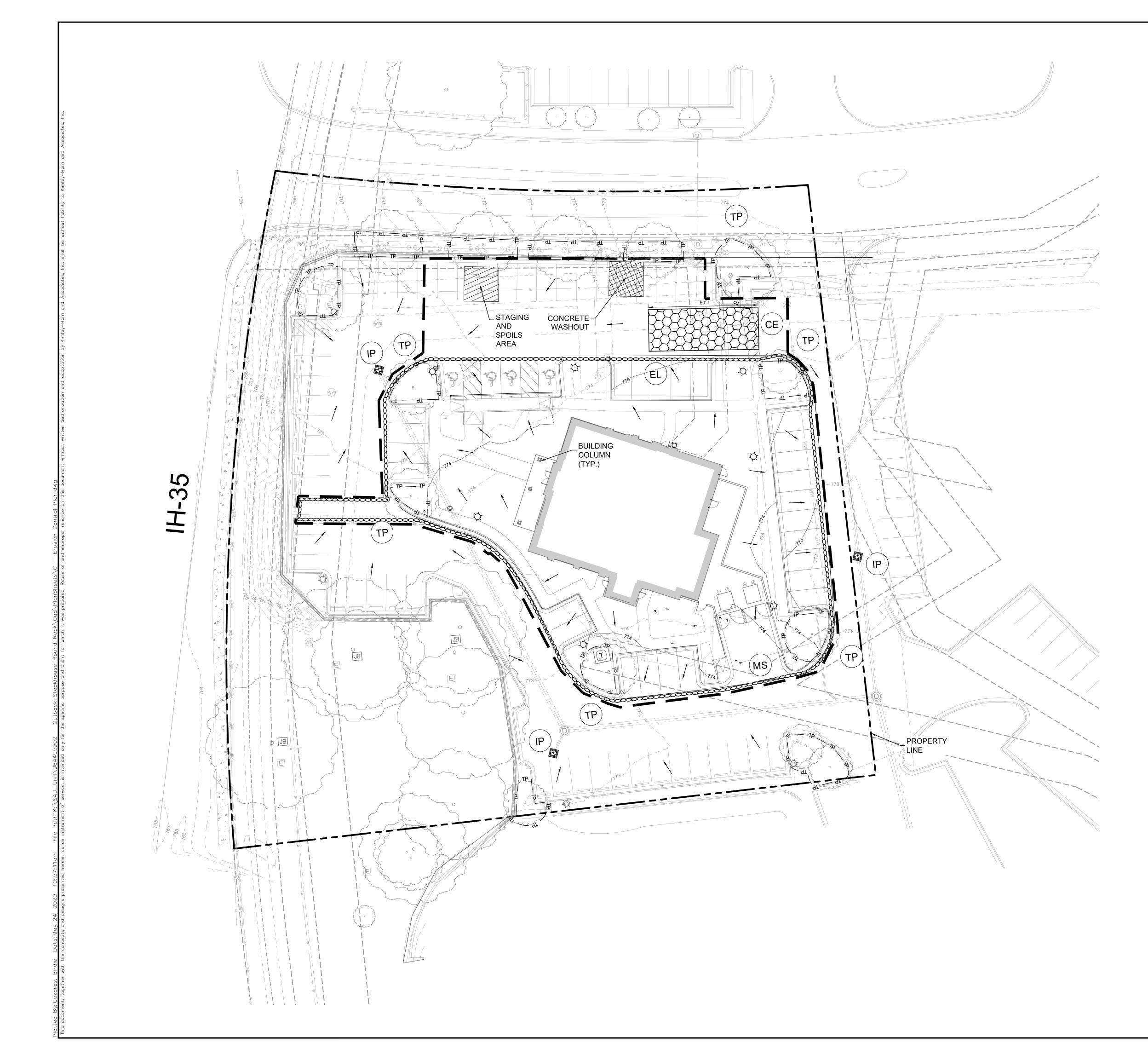
WATER AND WASTEWATER ALL WATER AND WASTEWATER MATERIALS AND CONSTRUCTION SHALL COMPLY WITH CITY STANDARD CONSTRUCTION DETAILS AND

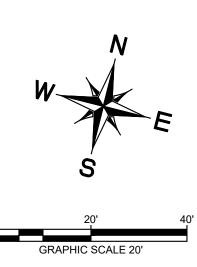
 23.ALL WATER AND WASTEWATER SHALL BE TESTED IN ACCORDANCE WITH THE CITY, AWWA, AND TCEQ STANDARDS AND SPECIFICATIONS. AT A MINIMUM, THIS SHALL CONSIST OF THE FOLLOWING: a. ALL WATERLINES SHALL BE HYDROSTATICALLY TESTED AND CHLORINATED BEFORE BEING PLACED INTO SERVICE. CONTRACTOR SHALL COORDINATE WITH THE CITY FOR THEIR REQUIRED PROCEDURES AND SHALL ALSO COMPLY WITH TCEQ REGULATIONS. b. WASTEWATER LINES AND MANHOLES SHALL BE PRESSURE TESTED. CONTRACTOR SHALL COORDINATE WITH THE CITY FOR THEIR 	
 b. WASTEWATER CINES AND SHALL ALSO COMPLY WITH TCEQ REGULATIONS. AFTER COMPLETION OF THESE TESTS, A TELEVISION INSPECTION SHALL BE PERFORMED AND PROVIDED TO THE CITY AND OWNER ON A DVD. 24. CONTRACTOR SHALL INSTALL DETECTABLE WIRING OR MARKING TAPE A MINIMUM OF 12" ABOVE WATER AND WASTEWATER LINES. MARKER DECALS SHALL BE LABELED "CAUTION - WATER LINE", OR "CAUTION - SEWER LINE". DETECTABLE WIRING AND MARKING TAPE SHALL COMPLY WITH CITY STANDARDS, AND SHALL BE INCLUDED IN THE COST OF THE WATER AND WASTEWATER PIPE. 25.DUCTILE IRON PIPE SHALL BE PROTECTED FROM CORROSION BY A LOW-DENSITY POLYETHYLENE LINER WRAP THAT IS AT LEAST A SINGLE LAYER OF 8-MIL. ALL DUCTILE IRON JOINTS SHALL BE BONDED. 26.WATERLINES SHALL BE NISTALLED AT NO LESS THAN THE MINIMUM COVER REQUIRED BY THE CITY. 27.CONTRACTOR SHALL PROVIDE CLEAN-OUTS FOR PRIVATE SANITARY SEWER LINES AT ALL CHANGES IN DIRECTION AND 100-FOOT INTERVALS, OR AS REQUIRED BY THE APPLICABLE PLUMBING CODE. CLEAN-OUTS REQUIRED IN PAVEMENT OR SIDEWALKS SHALL HAVE CAST IRON COVERS FLUSH WITH FINISHED GRADE. 28. CONTRACTOR SHALL PROVIDE BACKWATER VALVES FOR PLUMBING FIXTURES AS REQUIRED BY THE APPLICABLE PLUMBING CODE (E.C. ELAN-OUTS REQUIRED BY THE APPLICABLE PLUMBING CODE (E.C. FLOOR ELEVATION OF FIXTURE VALVES FOR PLUMBING FIXTURES AS REQUIRED BY THE APPLICABLE PLUMBING CODE (E.C. ELAN-OUTS REQUIRED BY THE APPLICABLE PLUMBING CODE (E.C. ELAN-OUTS REQUIRED BY THE APPLICABLE PLUMBING CODE (E.C. ELAN-OUTS SHALL PROVIDE BACKWATER VALVES FOR PLUMBING FIXTURES AS REQUIRED BY THE APPLICABLE PLUMBING CODE (E.C. ELAN-OUTS SHALL PROVIDE BACKWATER VALVES FOR PLUMBING THE ANNHOLE COVER OF THE NEXT UPSTREAM MANHOLE IN THE PUBLIC SEWER). CONTRACTOR SHALL REVIEW BOTH MEP AND CIVIL PLANS TO CONFIRM WHERE THESE AR	н
NONLY THONO TWO DELETIONS. A AREA ADA AMERICANS WITH DISABILITIES ACT AWWA AMERICAN WATER WORKS ASSOCIATION B-B BACK TO BACK BC BGIN CURVE BC BGIN CURVE BC BGIN CURVE BC BGIN CURVE BC BCK OF CURB BCR BEGIN CURVE RETURN BMP BST MANAGEMENT PRACTICE BOC BACK OF CURB BVCE BEGIN VERTICAL CURVE ELEVATION BVCS BGIN VERTICAL CURVE STATION CYS CUBIC PARTICAL CURVE STATION CITY CITY, TOWN, OR OTHER APPLICABLE LOCAL GOVERNMENT JURISDICTION CITY CITY, TOWN, OR OTHER APPLICABLE LOCAL GOVERNMENT JURISDICTION CIL CENTERLINE CONC CONCRETE CY CUBIC YARD DEMO DEMOLITION	Kimley Horn 5301 SOUTHWEST PARKWAY, BUILDING 2, SUITE 100 AUSTIN, TX 78735 PHONE: 512–646–2237 FAX: 512–418–1791 WWW.KIMLEY-HORN.COM © 2023 KIMLEY-HORN.COM TBPE Firm No. 928
Limit Display the product of the pr	KHA PROJECT KHA PROJECT DEVIN J. KUG 064495301 064495301 064495301 05/24/2023 DATE MAY 24, 2023 MAY 24, 2023 Scale: AS SHOWN Scale DESIGNED BY: DDK DDK DESIGNED BY: DDK DDK CHECKED BY: DDK DDK
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2258 2259	17.5 28	LIVE OAK LIVE OAK	50 60	WWW AL ENGLAND
2260	20.25	LIVE OAK	50	05/24/2023
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2339 2340	10 9	LIVE OAK LIVE OAK	25 25	
2349 2366	8	CEDAR ELM LI VE OAK	25 30	
2377	8	CEDAR ELM	25	LIDNO
2280 2284	14 11	RED OAK RED OAK	30 30	NOE
2285 2286	12 13	RED OAK RED OAK	30 25	لے ت
2287	14		30	
		BENCHN	CAP	
		10177138.71', EASTIN =770.06' (NAVD '88) MAG NAIL	G: 3128017.22,	AD D
	ELEVATION		G: 3128021.17',	AND AND
	BM # 3. SET NORTHING: ELEVATION	10177447.38', EASTIN	G: 3130546.55'	
	BM #4. SET NORTHING: ELEVATION	10177425.29', EASTIN	G: 3127896.69'	Ш
	BM #5. SET NORTHING:	MAG NAIL 10177477.65', EASTIN	G:3128100.75'	SUCSE S
	ELEVATION	MAG NAIL	• • • • •	
	NORTHING: ELEVATION	10177254.11', EASTIN = 774.11'	ୟ: 3128197.02'	
		$\mathbf{\Omega}$	7	ACK STEA 4151 N IH CITY OF ROUND R
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	k	now what's bo Call befo		
			re you alg.	H E I
		ΛΛΛ	٨	· · ·
	\mathcal{N}		\mathcal{M}	
		WARNING: CONTRA VERIFY PRESENCE	AND EXACT	OUTBACK STEAKHC 4151 N IH 35 CITY OF ROUND ROCK WILLIAMSON COUNTY, TEXA
			AND EXACT	SHEET NUMBER
		WARNING: CONTRA VERIFY PRESENCE LOCATION OF ALL	AND EXACT	

SDP2211-0004





LEGEND

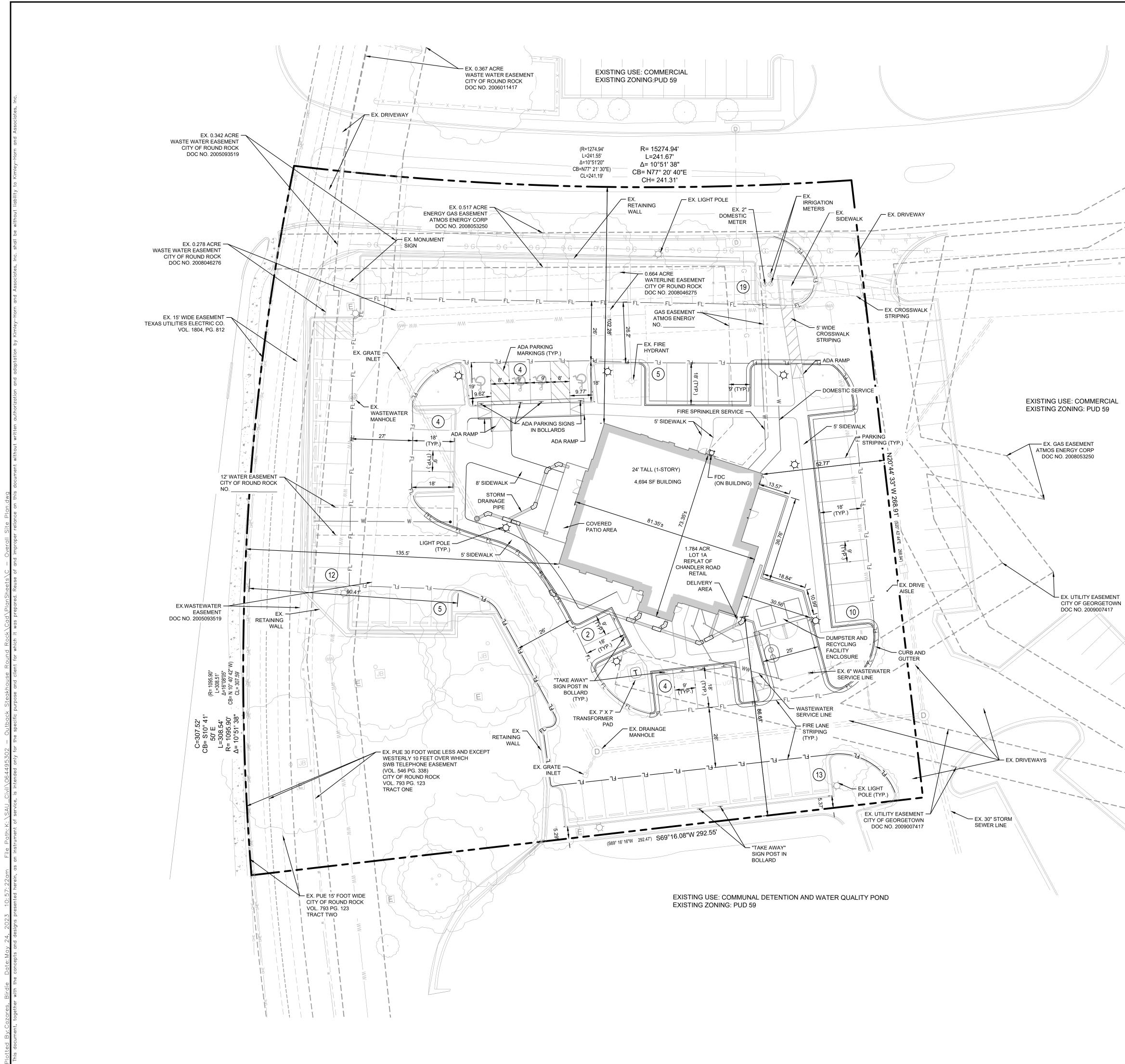
æ	SF	SILT FENCE
TP	TP	TREE PROTECTION
	(IP)	PROPOSED INLET PROTECTION
	CE	CONSTRUCTION ENTRANCE
~~~~~	EL	EROSION CONTROL LOG
— — — 450 — — —		EXISTING CONTOURS
450		PROPOSED CONTOURS
<b>- -</b> -		LIMITS OF CONSTRUCTION AREA
		STORM WATER RUNOFF FLOW DIRECTIO

# NOTES:

- 1. CONTRACTOR IS SOLELY RESPONSIBLE FOR IMPLEMENTATION, MAINTI EFFECTIVENESS OF ALL SWPPP CONTROLS - CONTROLS SHOWN ON T ARE SUGGESTED CONTROLS ONLY.
- 2. CONTRACTOR SHALL RECORD INSTALLATION, MAINTENANCE OR MODIF AND REMOVAL DATES FOR EACH BMP EMPLOYED (WHETHER CALLED O ORIGINAL SWPPP OR NOT) DIRECTLY ON THE SITE MAP.
- 3. THE ENVIRONMENTAL INSPECTOR HAS THE AUTHORITY TO ADD AND/OF EROSION/SEDIMENTATION CONTROLS ON SITE TO KEEP PROJECT IN CC WITH THE CITY OF CEDAR PARK RULES AND REGULATIONS 4. CONTRACTOR SHALL UTILIZE DUST CONTROL MEASURE DURING SITE
- CONSTRUCTION SUCH AS IRRIGATION TRUCKS AND MULCHING AS DIRE THE ENVIRONMENTAL INSPECTOR.
- 5. TEMPORARY AND PERMANENT STABILIZATION PRACTICES AND BMP'S INSTALLED AT THE EARLIEST POSSIBLE TIME DURING THE CONSTRUCT SEQUENCE. AS AN EXAMPLE, PERIMETER SILT FENCE SHALL BE INSTAL COMMENCEMENT OF ANY GRADING ACTIVITIES. OTHER BMP'S SHALL B AS SOON AS PRACTICABLE AND SHALL BE MAINTAINED UNTIL FINAL SIT STABILIZATION IS ATTAINED. CONTRACTOR SHALL ALSO REFERENCE C LANDSCAPE PLANS SINCE PERMANENT STABILIZATION IS PROVIDED B LANDSCAPING, THE BUILDING(S), AND SITE PAVING.
- BMP'S HAVE BEEN LOCATED AS INDICATED ON THIS PLAN IN ACCORDAN 6. GENERALLY ACCEPTED ENGINEERING PRACTICES IN ORDER TO MINIMIZ SEDIMENT TRANSFER. FOR EXAMPLE: SILT FENCES LOCATED AT TOE OI AND INLET PROTECTION FOR INLETS RECEIVING SEDIMENT FROM SITE I ADDITIONAL EROSION AND SEDIMENTATION CONTROLS MAY BE REQUI 7.
- CITY DURING CONSTRUCTION. REFERENCE EROSION CONTROL NOTES AND DETAILS ON SHEET 21.
- 9. IF DISTURBED AREA IS NOT TO BE WORKED ON FOR MORE THAN 14 DAY DISTURBED AREA NEEDS TO BE STABILIZED BY REVEGETATION, MULCH REVEGETATION MATTING. THE CONTRACTOR WILL CLEAN UP SPOILS TH ONTO THE ROADS A MINIMUM OF ONCE DAILY. 10. ALL DISTURBED AREAS TO BE RE-VEGETATED PER CITY OF ROUND ROC
- STANDARDS. 11. ANY DIRT, MUD, ROCKS, DEBRIS, ETC. THAT IS SPILLED, TRACKED, OR
- DEPOSITED ON ANY EXISTING PAVED STREETS SHALL BE CLEANED UP IMMEDIATELY.

AREA OF DISTURBANCE: 0.57 ACRES

	ATE BY
N	
E	
S	S NO
20' 40'	REVISIONS
LEGEND	
SF SILT FENCE	
TP TREE PROTECTION	
IP PROPOSED INLET PROTECTION	
CE CONSTRUCTION ENTRANCE	2, SUITE 100 -418-1791 MATES, INC.
EL EROSION CONTROL LOG	512-418 5001ATI
EXISTING CONTOURS	BUILD FAX: 5 HORN.C AND ASS No. 92
PROPOSED CONTOURS	ARKWAY STIN, TX 5-2237 (IMLEY- HORN /
LIMITS OF CONSTRUCTION AREA	WEST PAUS AUS 512-646 WWW.H KIMLEY-
STORM WATER RUNOFF FLOW DIRECTION	5301 SOUTHWES PHONE: 512- W © 2023 KIMI
BLE FOR IMPLEMENTATION, MAINTENANCE, AND ITROLS - CONTROLS SHOWN ON THIS SITE MAP	23
LLATION, MAINTENANCE OR MODIFICATION, P EMPLOYED (WHETHER CALLED OUT ON	SATE OF TELL
Y ON THE SITE MAP. AS THE AUTHORITY TO ADD AND/OR MODIFY S ON SITE TO KEEP PROJECT IN COMPLIANCE	DEVIN D. KING
ES AND REGULATIONS CONTROL MEASURE DURING SITE N TRUCKS AND MULCHING AS DIRECTED BY	Senses
ILIZATION PRACTICES AND BMP'S SHALL BE BLE TIME DURING THE CONSTRUCTION	05/24/2023
ETER SILT FENCE SHALL BE INSTALLED BEFORE ACTIVITIES. OTHER BMP'S SHALL BE INSTALLED LL BE MAINTAINED UNTIL FINAL SITE	JECT 301 2023 2023 SHOWN DDK ALPC DDK
ACTOR SHALL ALSO REFERENCE CIVIL AND NT STABILIZATION IS PROVIDED BY D SITE PAVING.	PRC ATI AS BY: BY:
CATED ON THIS PLAN IN ACCORDANCE WITH G PRACTICES IN ORDER TO MINIMIZE E: SILT FENCES LOCATED AT TOE OF SLOPE RECEIVING SEDIMENT FROM SITE RUN-OFF. TATION CONTROLS MAY BE REQUIRED BY THE	KHA F 064 064 MAY SCALE: DESIGNEE DRAWN BY CHECKED
TES AND DETAILS ON SHEET 21. ORKED ON FOR MORE THAN 14 DAYS, BILIZED BY REVEGETATION, MULCH, TARP OR RACTOR WILL CLEAN UP SPOILS THAT MIGRATE CE DAILY.	ONTROL
GETATED PER CITY OF ROUND ROCK C. THAT IS SPILLED, TRACKED, OR OTHERWISE	
STREETS SHALL BE CLEANED UP	ON CO PLAN
BENCHMARKS	N N
BM #1. SET IRON ROD WITH RED CAP NORTHING: 10177138.71', EASTING: 3128017.22', ELEVATION=770.06' (NAVD '88)	К О И
BM #2. SET MAG NAIL NORTHING: 10177183.66', EASTING: 3128021.17', ELEVATION= 773.51'	ш
BM # 3. SET MAG NAIL NORTHING: 10177447.38', EASTING: 3130546.55' ELEVATION= 767.18'	
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BM #5. SET MAG NAIL NORTHING: 10177477.65', EASTING : 3128100.75' ELEVATION= 775.21'	OUSE
BM #6. SET MAG NAIL NORTHING: 10177254.11', EASTING: 3128197.02' ELEVATION= 774.11'	, TE) , TE)
Know what's <b>below</b> .	OUTBACK 4151 CITY OF WILLIAMSON
Call before you dig.	ML MI
WARNING: CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES	
PRIOR TO CONSTRUCTION.	SHEET NUMBER
5	SDP2211-0004



	0 GF	20' 40' RAPHIC SCALE 20'	
-16-	L	EGEND	
		PROPERTY LINE	
		— FIRE LANE STRIPING	
	WW	PROPOSED WASTEWATER LINE	
		PROPOSED WATER LINE	
	(W)	PROPOSED WASTEWATER MANHOLE	
	0	PROPOSED WASTEWATER CLEANOUT	
	<b>+</b> -	PROPOSED FIRE HYDRANT	Horn
		PROPOSED TAPPING SLEEVE & VALVE	
	Þ	PROPOSED LIGHT POLE	
7	0HP	EXISTING OVERHEAD POWER LINE	
	W	EXISTING WATER LINE	
	WW	EXISTING WASTEWATER LINE	
		EXISTING STORM SEWER LINE	
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	EXISTING POWER POLE	
	-0-	EXISTING FIRE HYDRANT	
	$\overline{+}$	EXISTING WATER METER	
	©	EXISTING WASTEWATER MANHOLE	
	~		nlev

NOTES:

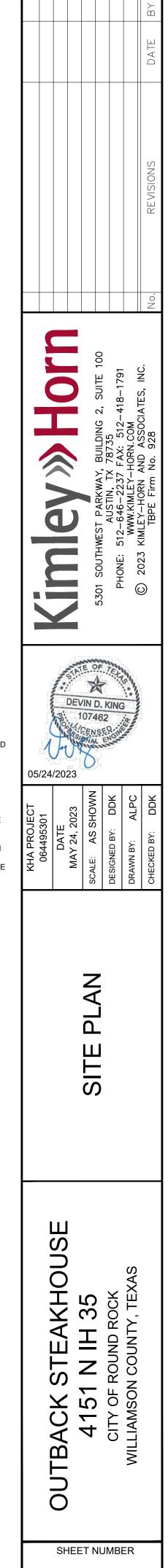
- 1. TREES AND TOPOGRAPHY BASED UPON SURVEY BY JOSHUA C. NAUMANN OF MATKIN-HOOVER ENGINEERING & SURVEYING, ON AUGUST 24, 2022. NO WARRANTY IS EXPRESSED OR IMPLIED AS TO THEIR ACCURACY. 2. CONTRACTOR TO FIELD VERIFY LOCATION AND ELEVATION OF ALL EXISTING
- UTILITIES PRIOR TO CONSTRUCTION. ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- ALL RADII TO BE 3' UNLESS OTHERWISE NOTED. SLOPES ON ACCESSIBLE ROUTES MAY NOT EXCEED 1:20 UNLESS DESIGNED AS A RAMP. THE MAXIMUM SLOPE OF A RAMP IN NEW CONSTRUCTION IS 1:12. THE 6
- MAXIMUM RISE FOR ANY RAMP RUN IS 30 IN. ACCESSIBLE ROUTES MUST HAVE A CROSS-SLOPE NO GREATER THAN 1:50. GROUND SURFACES ALONG ACCESSIBLE ROUTES MUST BE STABLE, FIRM, AND
- SLIP RESISTANT. ALL LANDSCAPED AREAS ARE TO BE PROTECTED BY SIX-INCH WHEEL CURBS, WHEELSTOPS, OR OTHER APPROVED BARRIERS.
- 10. RUNOFF FROM OFF-SITE IS BEING CONVEYED TO EX. COMMUNAL DETENTION POND. 11. SEE ARCHITECT PLANS FOR DETAILED BUILDING DIMENSIONS
- 12. ALL WEATHER ACCESS ROADS MADE OF (CONCRETE OR ASPHALT) SHALL BE IN PLACE BEFORE BRINGING COMBUSTIBLE MATERIALS ON THE JOBSITE. FIRE ACCESS ROAD MUST SUPPORT 80,000 LBS. SITE HYDRANTS SHALL ALSO BE IN-SERVICE.
- THE GRADE THROUGH THE FIRE LANE ACCESS SHALL NOT BE GREATER THAN
 > 7% PERCENT, AND THE GRADE BREAKS NOT GREATER >3% PERCENT. 2015 IFC INTERNATIONAL FIRE CODE SEC 503.2.7 & 503.2.8 DETERMINED BY THE FIRE
- CODE OFFICIAL OR AHJ. 14. EXISTING LIMITS OF PAVED DRIVE AISLE ON SITE TO BE RESEALED.

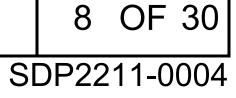
PARKING SUMMARY

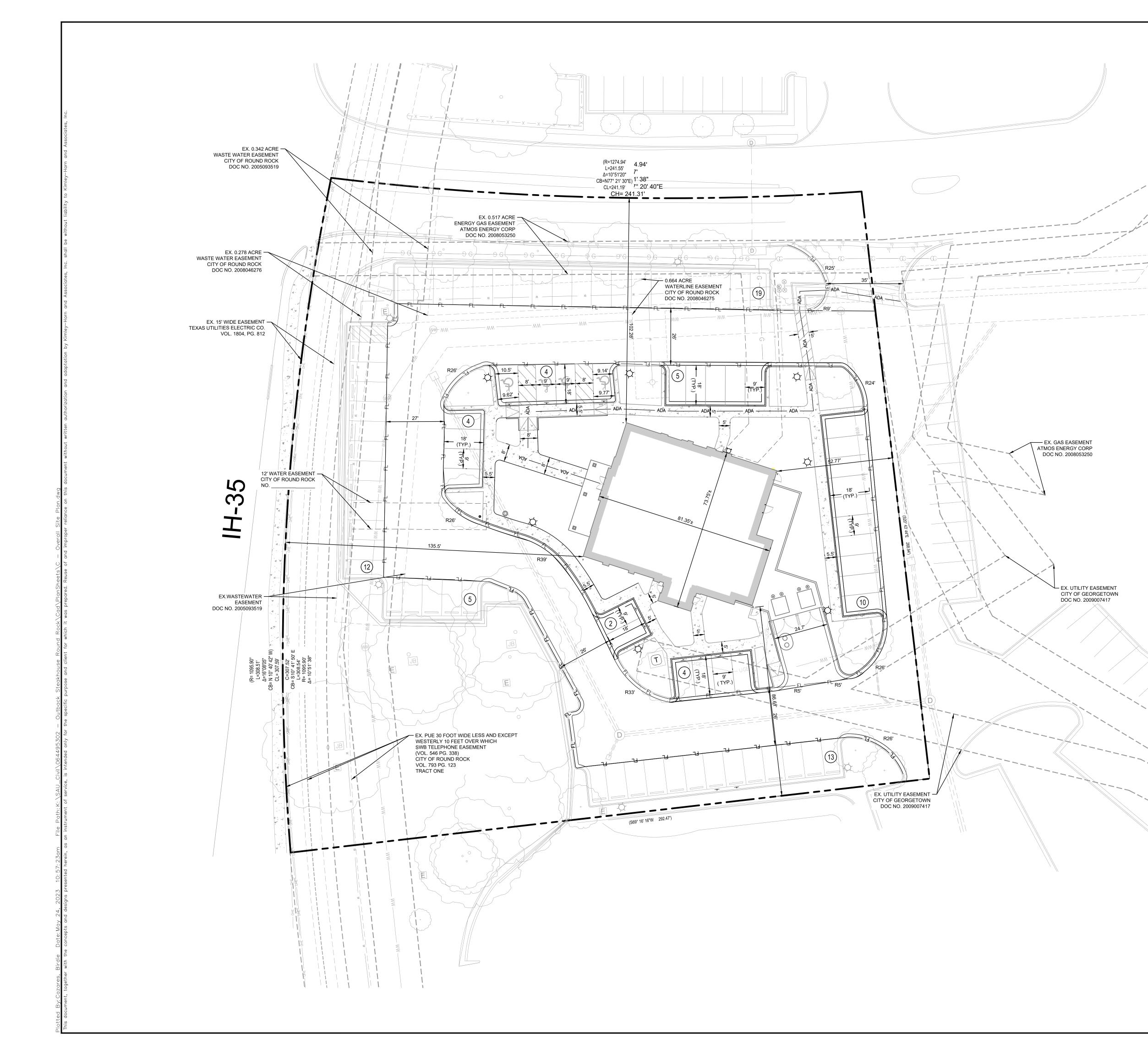
REQUIRED PARKING	47
EXSTING PARKING TO REMAIN	53
PROPOSED PARKING	25
REQUIRED ACCESSIBLE PARKING	4
PROPOSED ACCESSIBLE PARKING	4
TOTAL	78

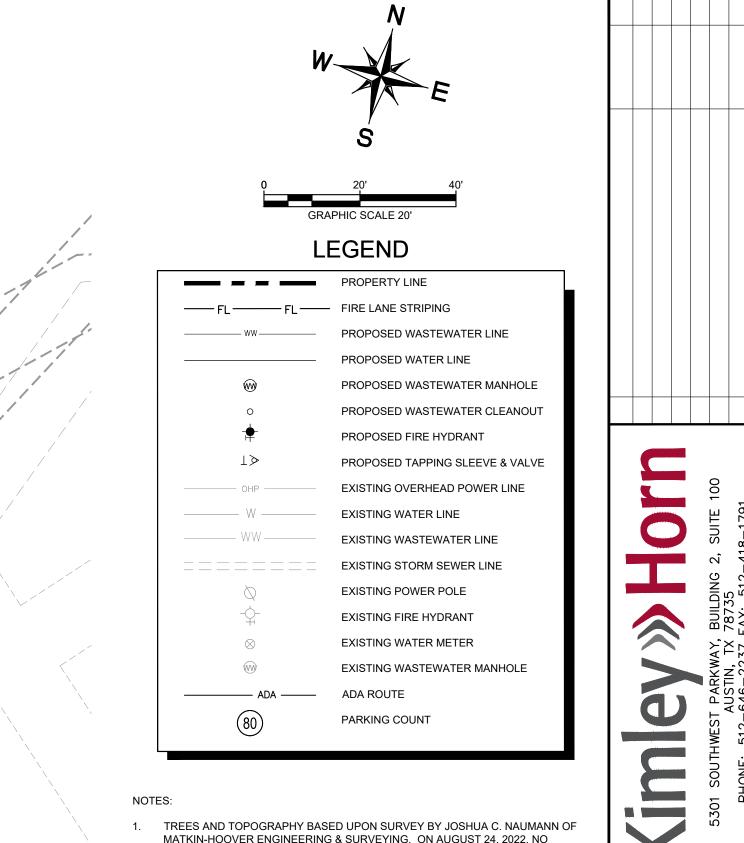
Know what's below. Call before you dig.

WARNING: CONTRACTOR IS TO VERIFY PRESENCE AND EXACT PRIOR TO CONSTRUCTION.



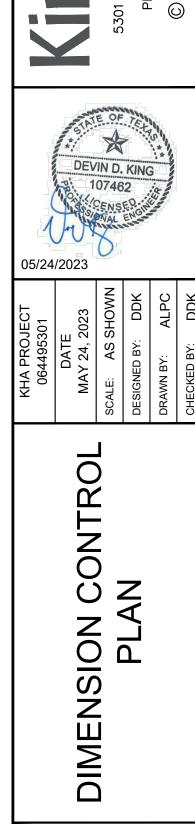






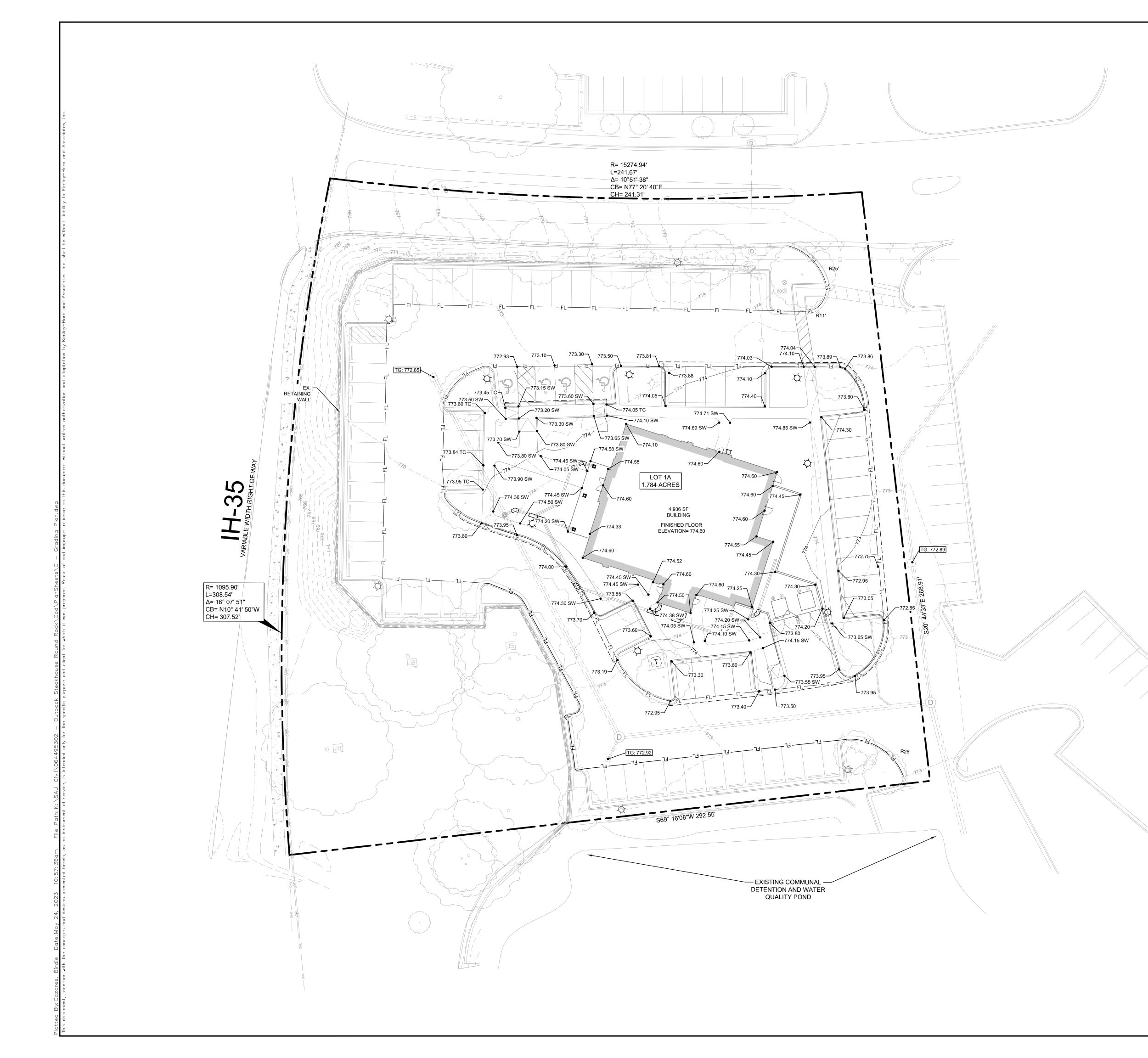
- MATKIN-HOOVER ENGINEERING & SURVEYING, ON AUGUST 24, 2022. NO WARRANTY IS EXPRESSED OR IMPLIED AS TO THEIR ACCURACY.
- CONTRACTOR TO FIELD VERIFY LOCATION AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. 3. ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED. ALL RADII TO BE 3' UNLESS OTHERWISE NOTED. 5. SLOPES ON ACCESSIBLE ROUTES MAY NOT EXCEED 1:20 UNLESS DESIGNED
- AS A RAMP. 6. THE MAXIMUM SLOPE OF A RAMP IN NEW CONSTRUCTION IS 1:12. THE MAXIMUM RISE FOR ANY RAMP RUN IS 30 IN.
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- WHEELSTOPS, OR OTHER APPROVED BARRIERS.

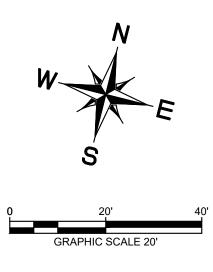








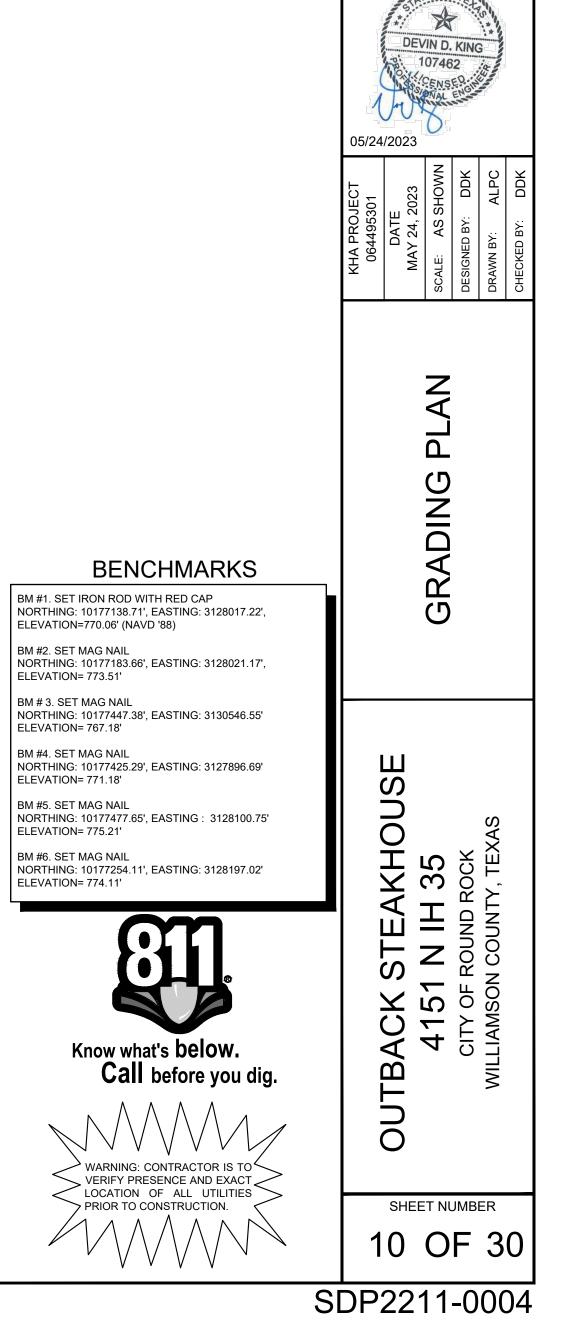




	PROPERTY LINE
FF=XXX.XX	PROPOSED FINISHED FLOOR ELEVATION
XXX.X	PROPOSED TOP OF PAVEMENT ELEVATION
EX XXX.X •	EXISTING TOP OF PAVEMENT ELEVATION
TG XXX.X	PROPOSED TOP OF GRATE
XXX.XX TC	PROPOSED GRADE AT TOP OF CURB
XXX.XX SW	PROPOSED GRADE AT SIDEWALK
—< —< —< —< —	PROPOSED SWALE
<u>H</u> P	HIGH POINT
555	PROPOSED CONTOUR
555	EXISTING CONTOUR

NOTES:

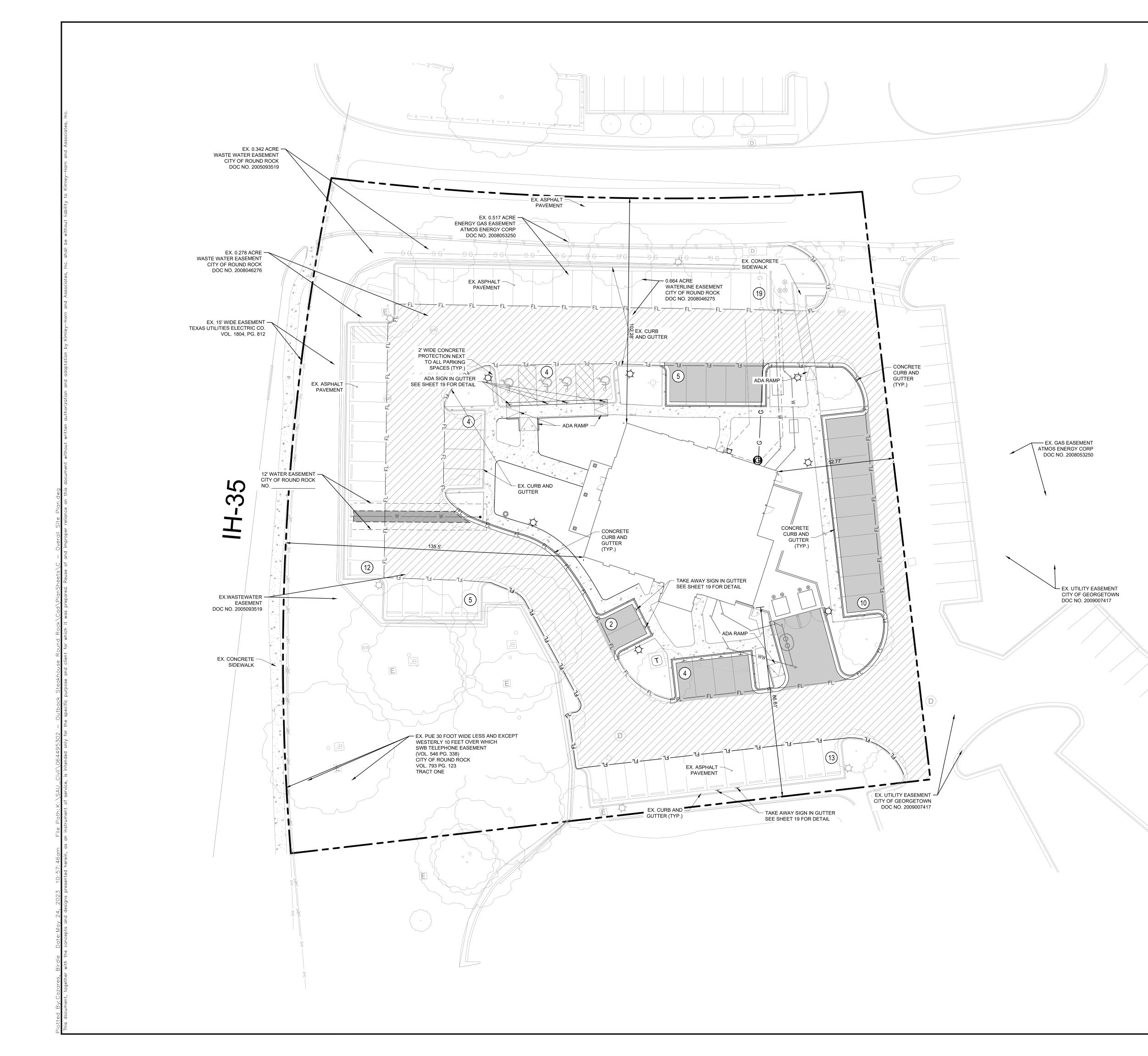
- ALL PROPOSED ELEVATIONS ARE TOP OF PAVEMENT OR NATURAL GROUND UNLESS OTHERWISE NOTED.
 CONTRACTOR TO VERIFY A.D.A. COMPLIANCE FOR GRADES IN ALL SIDEWALK
- ACCESSIBLE ROUTES, INCLUDING DRIVEWAY CROSSINGS, SHALL SIDEWALK ACCESSIBLE ROUTES, INCLUDING DRIVEWAY CROSSINGS, SHALL CONFORM TO ALL APPLICABLE A.D.A. STANDARDS: NOT EXCEED 5.0% ALONG TRAVEL PATH WITH NOT MORE THAN 2.0% CROSS SLOPE AND NOT EXCEED 2.0% IN ANY DIRECTION IN ACCESSIBLE PARKING AREAS.
- MAINTAIN EXISTING GRADE IN TREE WELLS. CONTRACTOR TO ENSURE POSITIVE DRAINAGE TO AREA INLETS.
 THE GRADE THROUGH THE FIRE LANE ACCESS SHALL NOT BE GREATER THAN > 7% PERCENT, AND THE GRADE BREAKS NOT GREATER >3% PERCENT. 2015 IFC INTERNATIONAL FIRE CODE SEC 503.2.7 & 503.2.8 DETERMINED BY THE FIRE CODE OFFICIAL OR AHJ.

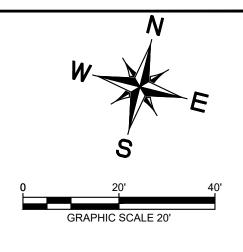


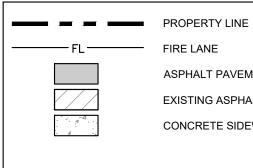
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FIRE LANE

ASPHALT PAVEMENT

EXISTING ASPHALT PAVEMENT TO BE SEALED

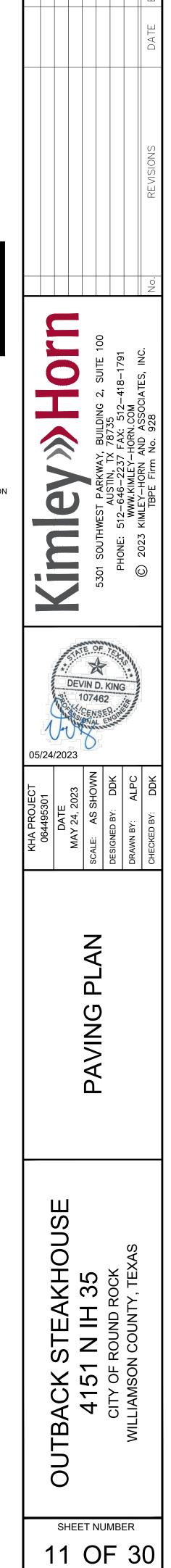
CONCRETE SIDEWALK

NOTES

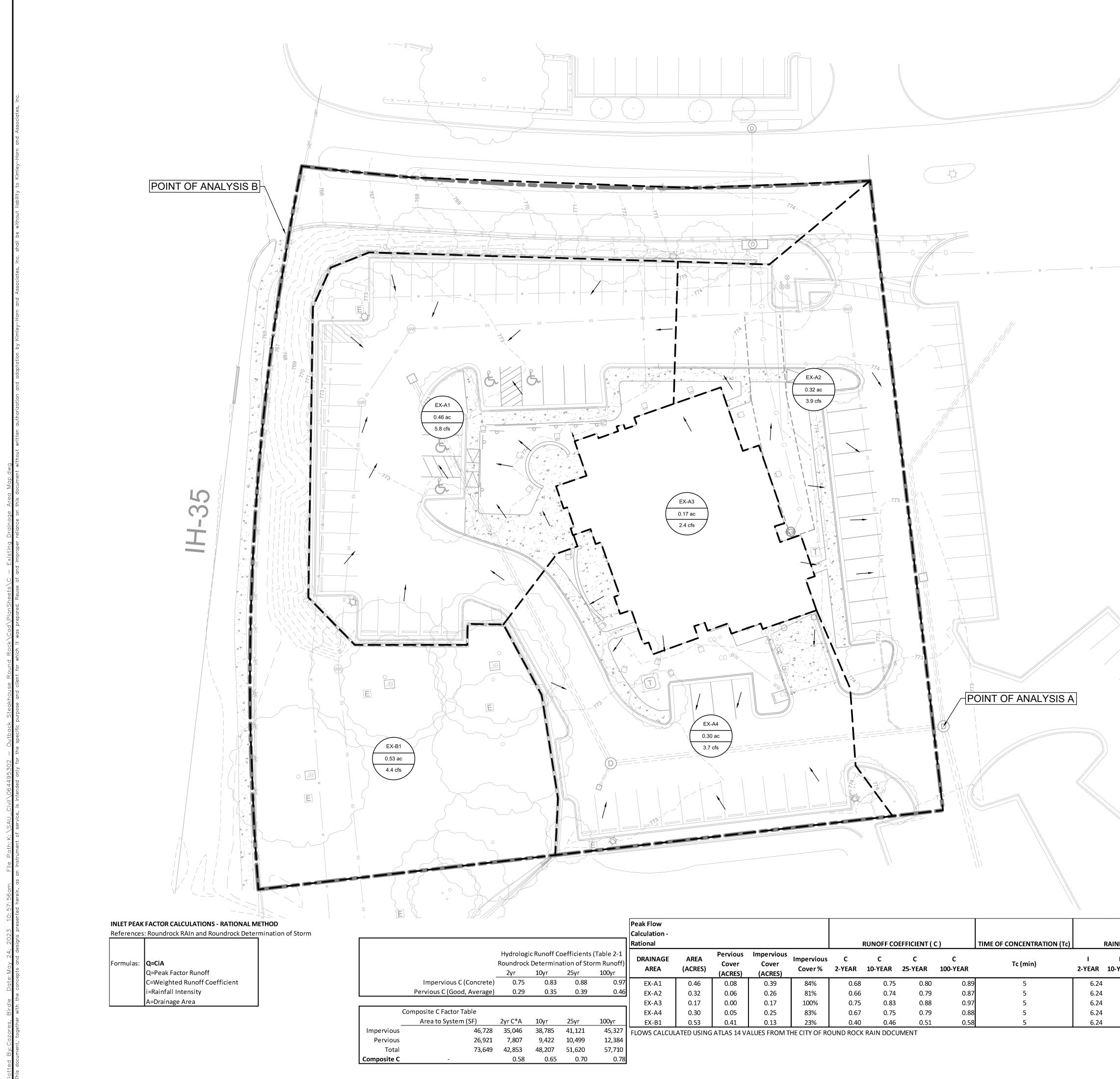
1. FACILITIES, BUILDINGS, OR PORTIONS OF BUILDINGS HEREAFTER CONSTRUCTED SHALL BE ACCESSIBLE TO FIRE DEPARTMENT, APPPARTUS BY WAY OF AN APPROVED FIRE APPARATUS ACCESS ROAD WITH AN ASPHALT, CONCRETE OR OTHER APPROVED (MUST HAVE A PERMIT FROM THE FIRE MARSHAL'S OFFICE) DRIVING SURFACE CAPABLE OF SUPPORTING THE IMPOSED LOAD OF FIRE APPARATUS WEIGHING AT LEAST 75,000 POUNDS (34,050 KG). AN ALL-WEATHER DRIVING SURFACE SHALL BE IN PLACE AND ALL FIRE HYDRANTS SHALL BE ACTIVE PRIOR TO BRINGING COMBUSTIBLES ON SITE.

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

WARNING: CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.



SDP2211-0004



			Peak Flow																	
			Calculation -																	
			Rational						RUNOFF CC	EFFICIENT (C)	TIME OF CONCENTRATION (Tc)	F	RAINFALLI	NTENSITY (1)		RUNO	F(Q)	
gic Runoff Co k Determina 10yr				AREA (ACRES)	Pervious Cover (ACRES)	Impervious Cover (ACRES)	Impervious Cover %	C 2-YEAR	C 10-YEAR	C 25-YEAR	C 100-YEAR	Tc (min)	l 2-YEAR	I 10-YEAR	I 25-YEAR	l 100-YEAR	Q 2-YEAR	Q 10-YEAR	Q 25-YEAR	Q 100-YEAR
0.83	0.88	0.97	EX-A1	0.46	0.08	0.39	84%	0.68	0.75	0.80	0.89	5	6.24	9.13	11.10	14.20	1.95	3.18	4.11	5.83
0.35	0.39	0.46	EX-A2	0.32	0.06	0.26	81%	0.66	0.74	0.79	0.87	5	6.24	9.13	11.10	14.20	1.32	2.16	2.79	3.96
			EX-A3	0.17	0.00	0.17	100%	0.75	0.83	0.88	0.97	5	6.24	9.13	11.10	14.20	0.80	1.30	1.68	2.37
			EX-A4	0.30	0.05	0.25	83%	0.67	0.75	0.79	0.88	5	6.24	9.13	11.10	14.20	1.24	2.03	2.63	3.73
10yr	25yr	100yr	EX-B1	0.53	0.41	0.13	23%	0.40	0.46	0.51	0.58	5	6.24	9.13	11.10	14.20	1.33	2.26	3.00	4.40
38,785	41,121	45,327	FLOWS CALCUL	ATED USING	S ATLAS 14 VA	ALUES FROM T	HE CITY OF RC	OUND ROCK	RAIN DOCU	JMENT						ΡΟΑ Α	5.32	8.67	11.21	15.89
9,422	10,499	12,384													Г	POA B	1.33	2.26	3.00	4.40
48,207	51,620	57,710													-					
0.65	0.70	0 78																		

X-1 9.9 ac 5.5 cfs PROPERTY LINE _ _ 0 \bigtriangleup \rightarrow - --- 555 ------۵. - ۵_۵

AREA DESIGNATOR AREA IN ACRES Q100 FLOW IN CFS EXISTING STORM DRA EXISTING DRAINAGE I EXISTING STORM DRAI EXISTING STORM DRA EXISTING STORM DRAI EXISTING FLOW DIREC EXISTING CONTOUR EXISTING SIDEWALK

40'	
AIN LINE DIVIDE AIN INLET AIN MANHOLE AIN HEADWALL COTION	Kimlev»Horn
	05/24/2023
	KHA PROJECT 064495301 DATE MAV 24, 2023

EXISTING CONTOUR	5301 SOUTHWEST PARKWAY, BI AUSTIN, TX 78 PHONE: 512-646-2237 FA WWW.KIMLEY-HORN AND TBPE Firm No.
	DEVIN D. KING DEVIN D. KING 107462 05/24/2023
	KHA PROJECT 064495301 DATE MAY 24, 2023 SCALE: AS SHOWN DESIGNED BY: DDK DRAWN BY: ALPC CHECKED BY: DDK
BERNCHMARKS BM #1. SET IRON ROD WITH RED CAP NORTHING: 10177138.71', EASTING: 3128017.22', ELEVATION=770.06' (NAVD '88) BM #2. SET MAG NAIL NORTHING: 10177183.66', EASTING: 3128021.17', ELEVATION= 773.51' BM # 3. SET MAG NAIL	EXISTING DRAINAGE AREA MAP
NORTHING: 10177447.38', EASTING: 3130546.55' ELEVATION= 767.18' BM #4. SET MAG NAIL NORTHING: 10177425.29', EASTING: 3127896.69' ELEVATION= 771.18' BM #5. SET MAG NAIL NORTHING: 10177477.65', EASTING : 3128100.75' ELEVATION= 775.21' BM #6. SET MAG NAIL NORTHING: 10177254.11', EASTING: 3128197.02' ELEVATION= 774.11' TOTOP Know what's below. Call before you dig.	OUTBACK STEAKHOUSE 4151 N IH 35 CITY OF ROUND ROCK WILLIAMSON COUNTY, TEXAS
WARNING: CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.	sheet number 12 OF 30
S	SDP2211-0004



				Peak Flow Calculation -													
				Rational					[RUNOFF CO	EFFICIENT (O	2)	TIME OF CONCENTRATION (Tc)	<u> </u>	RAINFALL I	NTENSITY (I)
•		pefficients ition of Sto 25yr	(Table 2-1 rm Runoff) 100yr	DRAINAGE AREA	AREA (ACRES)	Pervious Cover (ACRES)	Impervious Cover (ACRES)	Impervious Cover %	C 2-YEAR	C 10-YEAR	C 25-YEAR	C 100-YEAR	Tc (min)	l 2-YEAR	I 10-YEAR	l 25-YEAR	10
.75	0.83	0.88	0.97	DA-A1	0.46	0.09	0.38	81%	0.66	0.74	0.79	0.87	5	6.24	9.13	11.10	
.29	0.35	0.39	0.46	DA-A2	0.40	0.09	0.31	78%	0.65	0.72	0.77	0.86	5	6.24	9.13	11.10	
				DA-A3	0.12	0.00	0.12	100%	0.75	0.83	0.88	0.97	5	6.24	9.13	11.10	
				DA-A4	0.27	0.06	0.21	78%	0.65	0.72	0.77	0.86	5	6.24	9.13	11.10	
۴A	10yr	25yr	100yr	DA-B1	0.53	0.41	0.13	23%	0.40	0.46	0.51	0.58	5	6.24	9.13	11.10	
46	38,785	41,121	45,327	FLOWS CALCUL	ATED USING	ATLAS 14 V	ALUES FROM TH	HE CITY OF RC	UND ROCK	RAIN DOCU	JMENT						
28	8,120	9,048	10,672														
74	46,905	50,169	55,999													L	

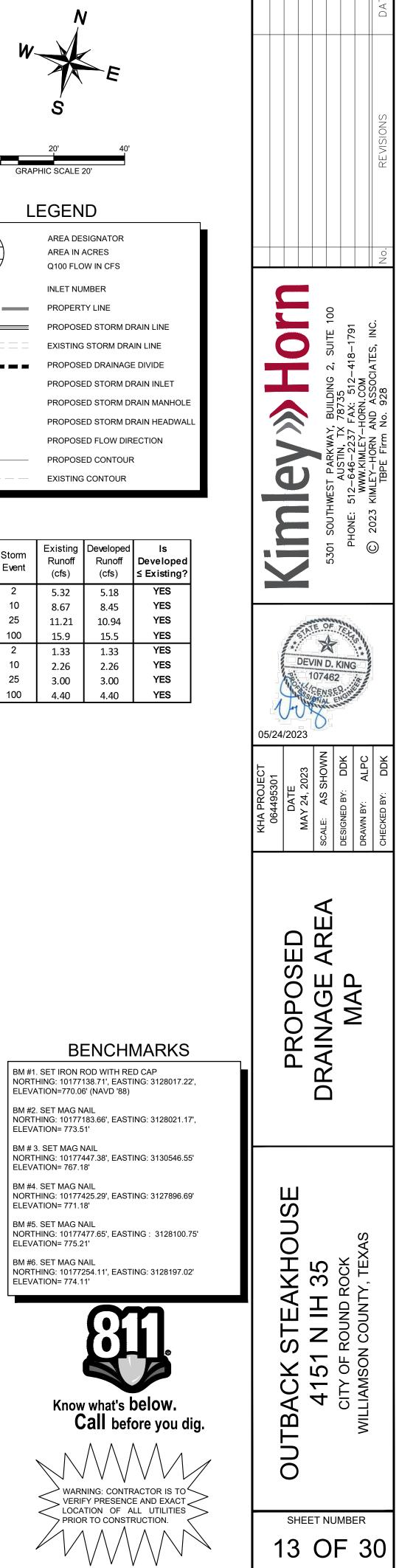
W N S	E
20'	40'
GRAPHIC SCALE 20'	

X-1 9.9 ac 5.5 cfs	
A-1	I
	F
	F
	E
	F
-	F
0	F
	F
	F
555	F

X-1	AREA DESIGNATOR
9.9 ac	AREA IN ACRES
5.5 cfs	Q100 FLOW IN CFS
A-1	INLET NUMBER
	PROPERTY LINE
	PROPOSED STORM DRAIN LINE
	EXISTING STORM DRAIN LINE
	PROPOSED DRAINAGE DIVIDE
	PROPOSED STORM DRAIN INLET
0	PROPOSED STORM DRAIN MANHOLE
\bigtriangleup	PROPOSED STORM DRAIN HEADWALL
	PROPOSED FLOW DIRECTION
555	PROPOSED CONTOUR
555	EXISTING CONTOUR

BENCHMARKS

Point of Analysis	Storm Event	Existing Runoff (cfs)	Developed Runoff (cfs)	ls Developed ≤ Existing?
	2	5.32	5.18	YES
А	10	8.67	8.45	YES
	25	11.21	10.94	YES
	100	15.9	15.5	YES
	2	1.33	1.33	YES
В	10	2.26	2.26	YES
	25	3.00	3.00	YES
	100	4.40	4.40	YES



SDP2211-0004

FALL	NTENSITY (D		RUNO	FF(Q)	
1		<u> </u>	Q	Q	Q	Q
'EAR	י 25-YEAR	I 100-YEAR	2-YEAR	Q 10-YEAR	25-YEAR	Q 100-YEAR
9.13	11.10	14.20	1.91	3.12	4.04	5.74
9.13	11.10	14.20	1.63	2.67	3.46	4.92

0.54

1.09

14.20

14.20

14.20

ΡΟΑ Α

ΡΟΑ Β

0.88

1.78

1.33 2.26 3.00 4.40

1.33 2.26

5.18 8.45

1.13

2.31

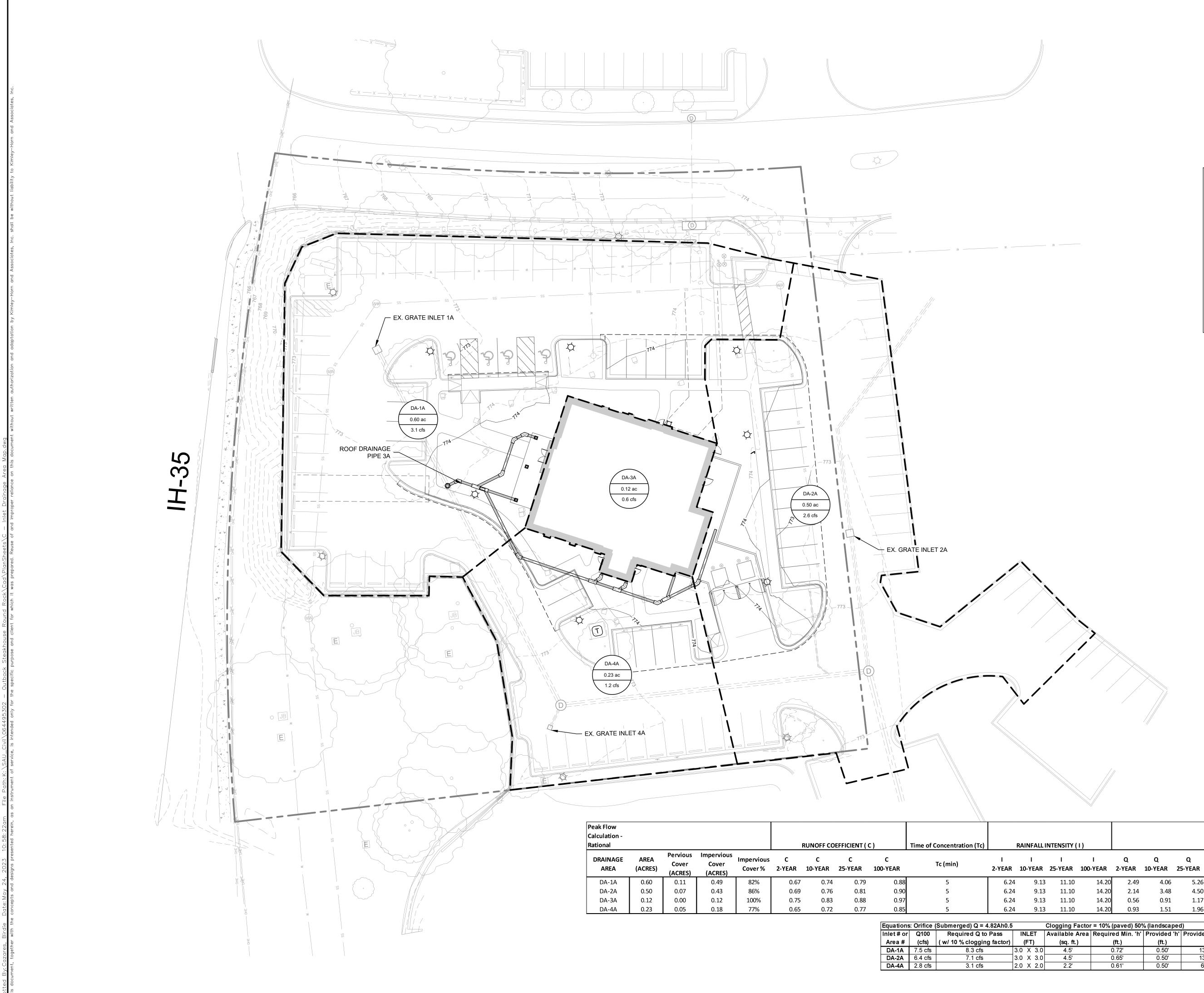
3.00

10.94

3.28

4.40

15.52



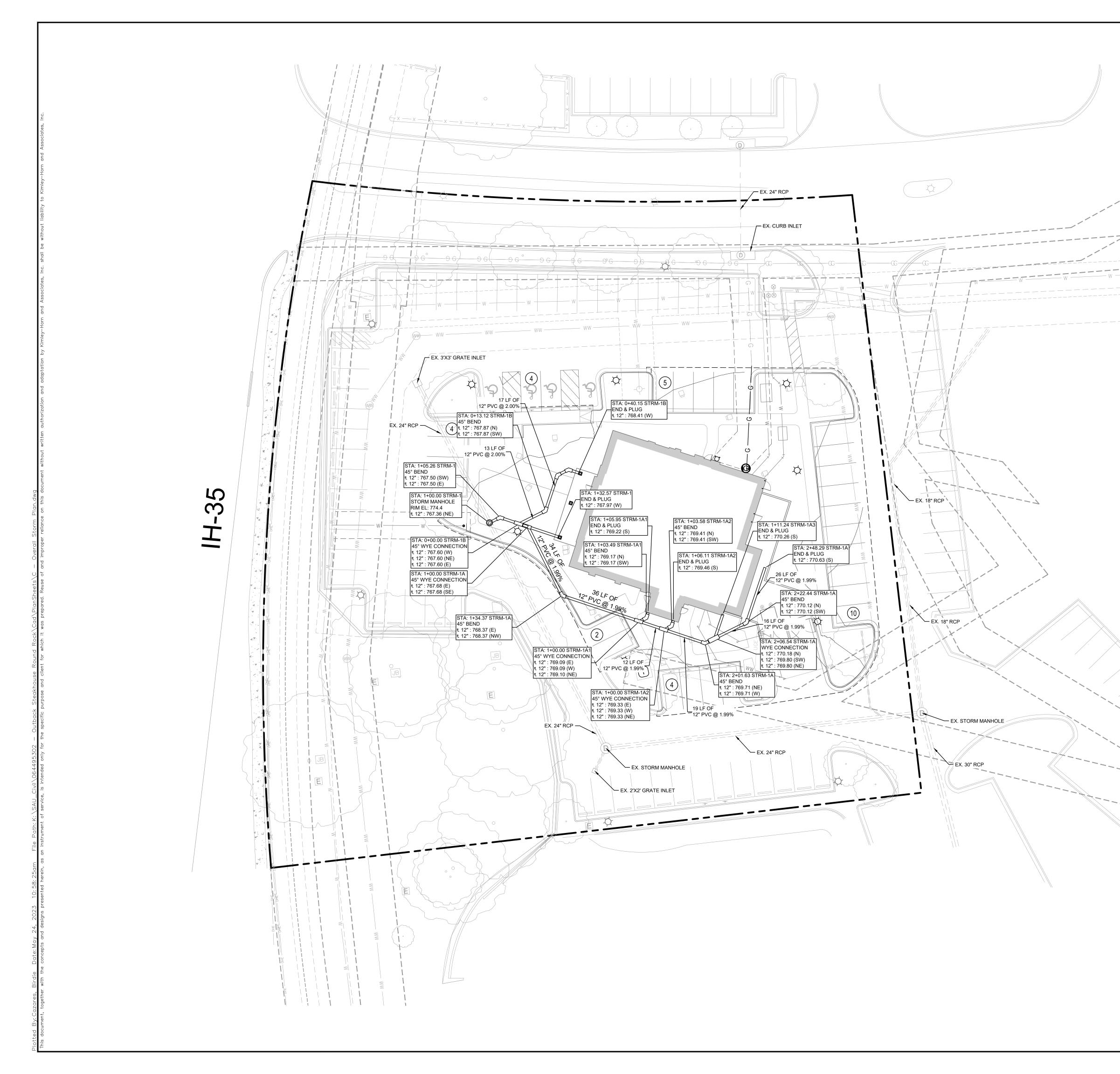
P	eak Flow											
C	alculation -											
R	ational						RUNOFF CO	EFFICIENT ((C)	Time of Concentration (Tc)		RAINFA
	DRAINAGE AREA	AREA (ACRES)	Pervious Cover (ACRES)	Impervious Cover (ACRES)	Impervious Cover %	C 2-YEAR	C 10-YEAR	C 25-YEAR	C 100-YEAR	Tc (min)	l 2-YEAR	ا 10-YE
	DA-1A	0.60	0.11	0.49	82%	0.67	0.74	0.79	0.88	5	6.24	9
	DA-2A	0.50	0.07	0.43	86%	0.69	0.76	0.81	0.90	5	6.24	9
	DA-3A	0.12	0.00	0.12	100%	0.75	0.83	0.88	0.97	5	6.24	9
	DA-4A	0.23	0.05	0.18	77%	0.65	0.72	0.77	0.85	5	6.24	9

	$ \begin{array}{c} $	No. REVISIONS DATE BY
	A1 INLET NUMBER PROPERTY LINE PROPOSED STORM DRAIN LINE PROPOSED STORM DRAIN LINE PROPOSED DRAINAGE DIVIDE PROPOSED STORM DRAIN INL PROPOSED STORM DRAIN INL PROPOSED STORM DRAIN INL PROPOSED STORM DRAIN HE PROPOSED FLOW DIRECTION 555 PROPOSED CONTOUR	PIDE AX: 512-418-176 BRN.COM C ASSOCIATES, IN
		KHA PROJECT KHA PROJECT 064495301 064495301 064495301 MAY 24, 2023 SCALE: AS SHOWN ESIGNED BY: DDK DESIGNED BY: DDK DESIGNED BY: DDK CHECKED BY: DDK
	BENCHMAR BM #1. SET IRON ROD WITH RED CAP NORTHING: 10177138.71', EASTING: 3128 ELEVATION=770.06' (NAVD '88) BM #2. SET MAG NAIL NORTHING: 10177183.66', EASTING: 3128 ELEVATION= 773.51' BM # 3. SET MAG NAIL	
	Q 100-YEAR 7.47 6.38 1.65 2.79 Pd Capacity (cfs) NORTHING: 10177447.38', EASTING: 3130 ELEVATION= 767.18' BM #4. SET MAG NAIL NORTHING: 10177425.29', EASTING: 3127 ELEVATION= 771.18' BM #5. SET MAG NAIL NORTHING: 10177477.65', EASTING: 3128 ELEVATION= 774.11' FUNCTION= 774.11' FUN	and in the second secon
0.65' 0.50' 13	3.9 cfs WARNING: CONTRACTOR IS 3.9 cfs VERIFY PRESENCE AND EX .7 cfs PRIOR TO CONSTRUCTION.	

SDP2211-0004

NFALL INTENSITY (I) I I Q Q Q -YEAR 25-YEAR 100-YEAR 2-YEAR 10-YEAR 25-YEAR 9.13 11.10 14.20 2.49 4.06 5.26 9.1311.109.1311.10 2.14 3.48 4.50 14.20

9.13 11.10 14.20 0.93 1.51 1.90



N	DATE BY
S 0 20' 40' GRAPHIC SCALE 20'	REVISIONS
PROPOSED STORM DRAIN LINE PROPOSED STORM DRAIN INLET OHP EXISTING OVERHEAD POWER LINE W EXISTING WATER LINE WW EXISTING WASTEWATER LINE	VILDING 2, SUITE 1 B735 NX: 512-418-1791 RN.COM ASSOCIATES, INC. 928
Image:	HONE: 512–646–2237 FA AUSTIN, TX 78 AUSTIN,
 ROCK. CONTRACTOR TO RESTORE EXISTING ROADS AND SIDEWALKS TO ORIGINAL CONDITION. CONTRACTOR TO USE JOINT DEFLECTION TO AVOID ALL STORM WATER CURB INLETS WITHIN PIPE MANUFACTURER'S REQUIREMENTS. ALL DEFLECTIONS SHALL ADHERE TO CITY AND MANUFACTURER STANDARDS. ALL STORM SEWER WYES, BENDS, FITTINGS AND PIPE SIZE TRANSITIONS SHALL BE PREFABRICATED AND FREE FROM DEFECTS. (TYP.) CITY OF ROUND ROCK STANDARD DETAIL ASSUMES THE USE OF RCP. IF USING HDPE FOR STORM PIPE, PIPE BEDDING SHALL BE 1' ABOVE THE TOP OF THE PIPE OR PER MANUFACTURER'S SPECIFICATION. 	KHA PROJECT 064495301 064495301 064495301 MAY 24, 2023 Scale: AS SHOWN Designed BY: DDK Drawn BY: ALPC CHECKED BY: DDK CHECKED BY: DDK
BENCHMARKS BM #1. SET IRON ROD WITH RED CAP NORTHING: 10177138.71', EASTING: 3128017.22', ELEVATION=770.06' (NAVD '88) BM #2. SET MAG NAIL NORTHING: 10177183.66', EASTING: 3128021.17', ELEVATION= 773.51'	STORM PLAN
BM # 3. SET MAG NAIL NORTHING: 10177447.38', EASTING: 3130546.55' ELEVATION= 767.18' BM #4. SET MAG NAIL NORTHING: 10177475.5', EASTING: 3128100.75' ELEVATION= 775.21' BM #6. SET MAG NAIL NORTHING: 10177254.11', EASTING: 3128197.02' ELEVATION= 774.11' EXAMPLE 10177254.11', EASTING: 3128197.02' ELEVATION= 774.11' EXAMPLE 10177254.11', EASTING: 3128197.02' ELEVATION= 774.11'	OUTBACK STEAKHOUSE 4151 N IH 35 CITY OF ROUND ROCK WILLIAMSON COUNTY, TEXAS

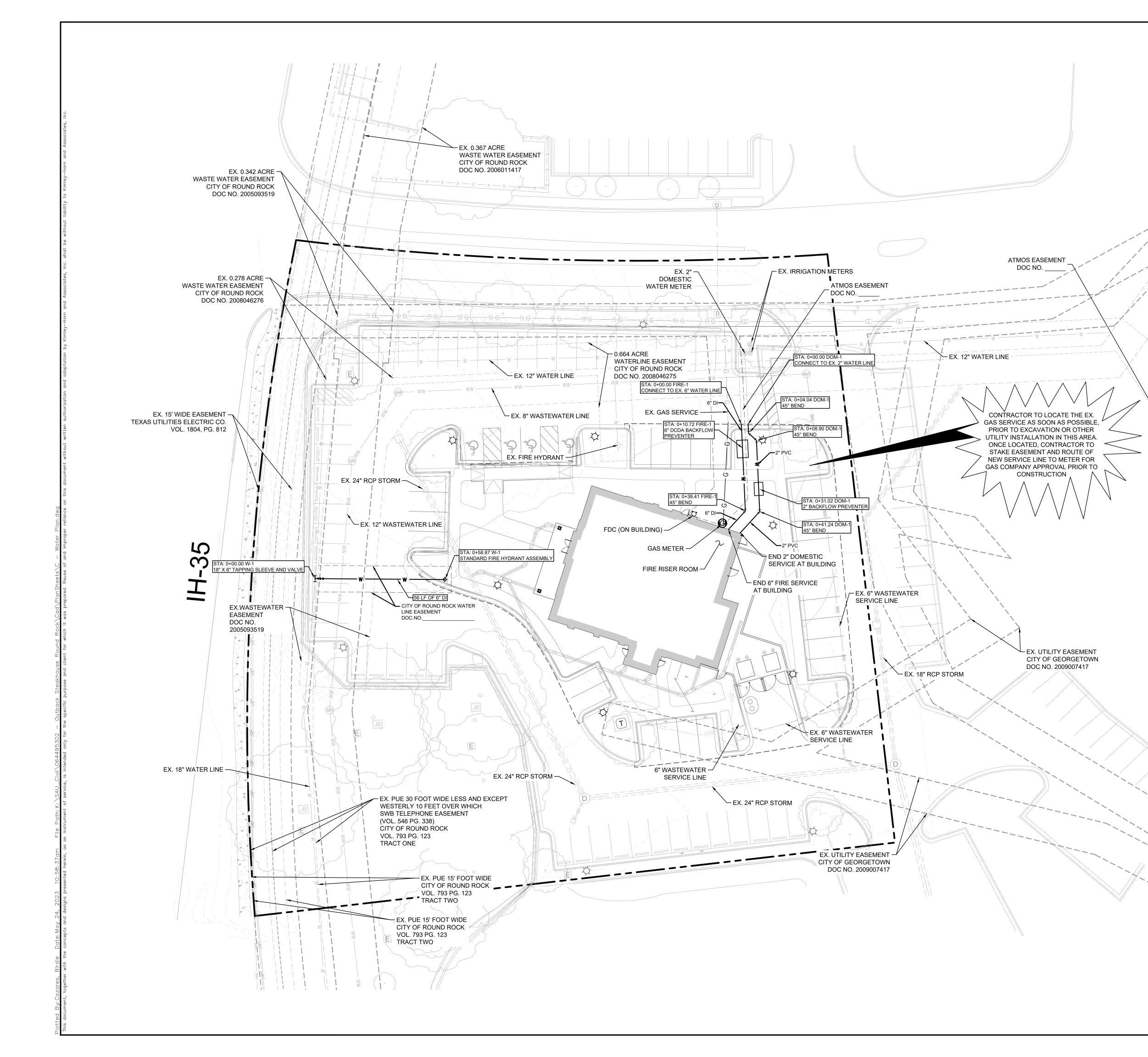


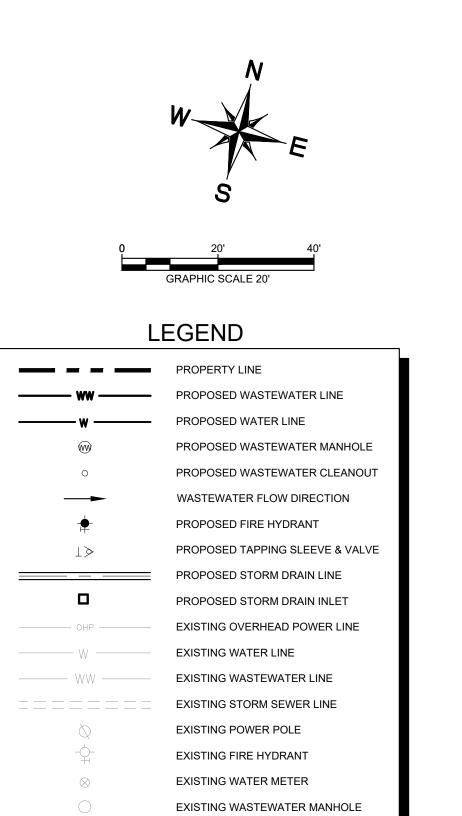
WARNING: CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

SHEET NUMBER

15 OF 30

SDP2211-0004





- CONTRACTOR TO FIELD VERIFY LOCATION AND THE FLOW LINES OF ALL EXISTING UTILITIES.
- WATER & WASTEWATER SERVICE TO BE PROVIDED BY CITY OF ROUND
- ROCK. 3. CONTRACTOR TO RESTORE EXISTING ROADS AND SIDEWALKS TO
- ORIGINAL CONDITION. 4. 4 FOOT MIN COVER FROM FINISHED GROUND ON ALL WATER AND
- WASTEWATER MAINS.5. CONTRACTOR TO USE JOINT DEFLECTION TO AVOID ALL STORM WATER
- CURB INLETS WITHIN PIPE MANUFACTURER'S REQUIREMENTS.6. CONTRACTOR TO RAISE VALVES, HYDRANTS, ETC. TO FINISHED GRADE UPON COMPLETION OF PAVING.
- CONTRACTOR TO ADJUST ALL EXISTING UTILITIES TO FINAL GRADE.
 ALL FIRE SERVICE PIPE FITTINGS SHALL COMPLY WITH NFPA 24, TABLE
- 10.1.1. (2012 IFC SECTION 507.2.1)
 9. UNDERGROUND MAINS FEEDING NFPA 13 SPRINKLER SYSTEMS MUST BE INSTALLED AND TESTED IN ACCORDANCE WITH NFPA 13 AND THE FIRE CODE BY A LICENSED SPRINKLER CONTRACTOR WITH A PLUMBING PERMIT. UNDERGROUND MAINS FEEDING PRIVATE FIRE HYDRANTS MUST BE INSTALLED AND TESTED IN ACCORDANCE WITH THE FIRE CODE AND NFPA 24 BY A LICENSED CONTRACTOR WITH A PLUMBING PERMIT. THE ENTIRE MAIN MUST BE TESTED AT ONE TIME, UNLESS ISOLATION VALVES
- ARE PROVIDED BETWEEN TESTED SECTIONS.
 10. CONTRACTOR TO ENSURE NO METER BOXES ARE INSTALLED WITHIN THE LIMITS OF THE SIDEWALK.
 11. ALL DEFLECTIONS SHALL ADHERE TO CITY AND MANUFACTURER
- STANDARDS.
 12. ALL NON-CITY INFRASTRUCTURE INCLUDING GAS, ELECTRIC, CABLE, AND TELECOMMUNICATIONS SHALL TRAVERSE UNDERNEATH CITY INFRASTRUCTURE. THIS INCLUDES, BUT IS NOT LIMITED TO WATER LINES,
- INFRASTRUCTURE. THIS INCLUDES, BUT IS NOT LIMITED TO WATER LINES, WASTEWATER LINES, AND STORM SEWER, WITH A MINIMUM OUTSIDE-TO-OUTSIDE CLEARANCE OF 18".
 13. ALL PIPE FITTINGS SHALL BE JOINT RESTRAINED. ALL SEGMENTS OF PIPE
- ALL FIT THREE GRALE BE SOME REGISTERING.
 ALL FITTINGS SHALL HAVE THRUST BLOCKING PER CITY OF ROUND ROCK DETAIL WT-25.

BRAND.

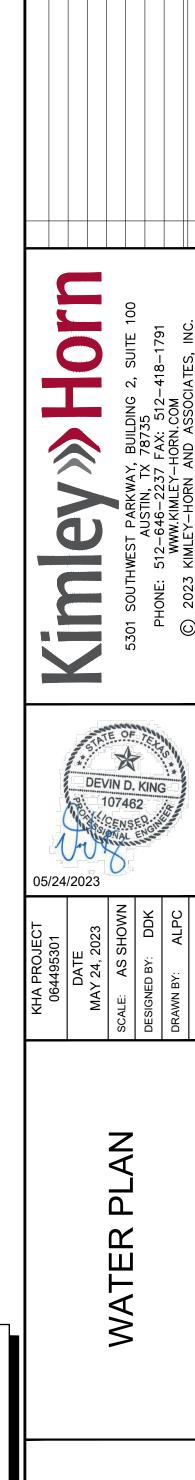
- 15. ALL VALVES SHOWN ARE _____
- ALL FIRE SERVICE LEADS SHALL BE DUCTILE IRON.
 ALL PVC WATER MAINS SHALL BE CONSTRUCTED OF C-900 DR-14.
- FRANCHISE (DRY) UTILITIES ALIGNMENTS SHOWN ARE CONSIDERED PRELIMINARY AND SHOWN FOR REFERENCE. PERMIT MUST BE REVISED ONCE DRY ALIGNMENTS ARE APPROVED BY THE FRANCHISED UTILITY TO REMOVE THE PRELIMINARY STATUS IN THE PDS PERMIT BEFORE FRY UTILITY INSTALLATION MAY COMMENCE.

BENCHMARKS

- BM #1. SET IRON ROD WITH RED CAP NORTHING: 10177138.71', EASTING: 3128017.22', ELEVATION=770.06' (NAVD '88)
- BM #2. SET MAG NAIL NORTHING: 10177183.66', EASTING: 3128021.17', ELEVATION= 773.51'
- BM # 3. SET MAG NAIL NORTHING: 10177447.38', EASTING: 3130546.55' ELEVATION= 767.18'
- BM #4. SET MAG NAIL NORTHING: 10177425.29', EASTING: 3127896.69' ELEVATION= 771.18'
- BM #5. SET MAG NAIL NORTHING: 10177477.65', EASTING : 3128100.75'
- ELEVATION= 775.21' BM #6. SET MAG NAIL
- NORTHING: 10177254.11', EASTING: 3128197.02' ELEVATION= 774.11'



→ WARNING: CONTRACTOR IS TO → VERIFY PRESENCE AND EXACT ↓ LOCATION OF ALL UTILITIES → PRIOR TO CONSTRUCTION.



STEAKHOUS N IH 35

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SHEET NUMBER

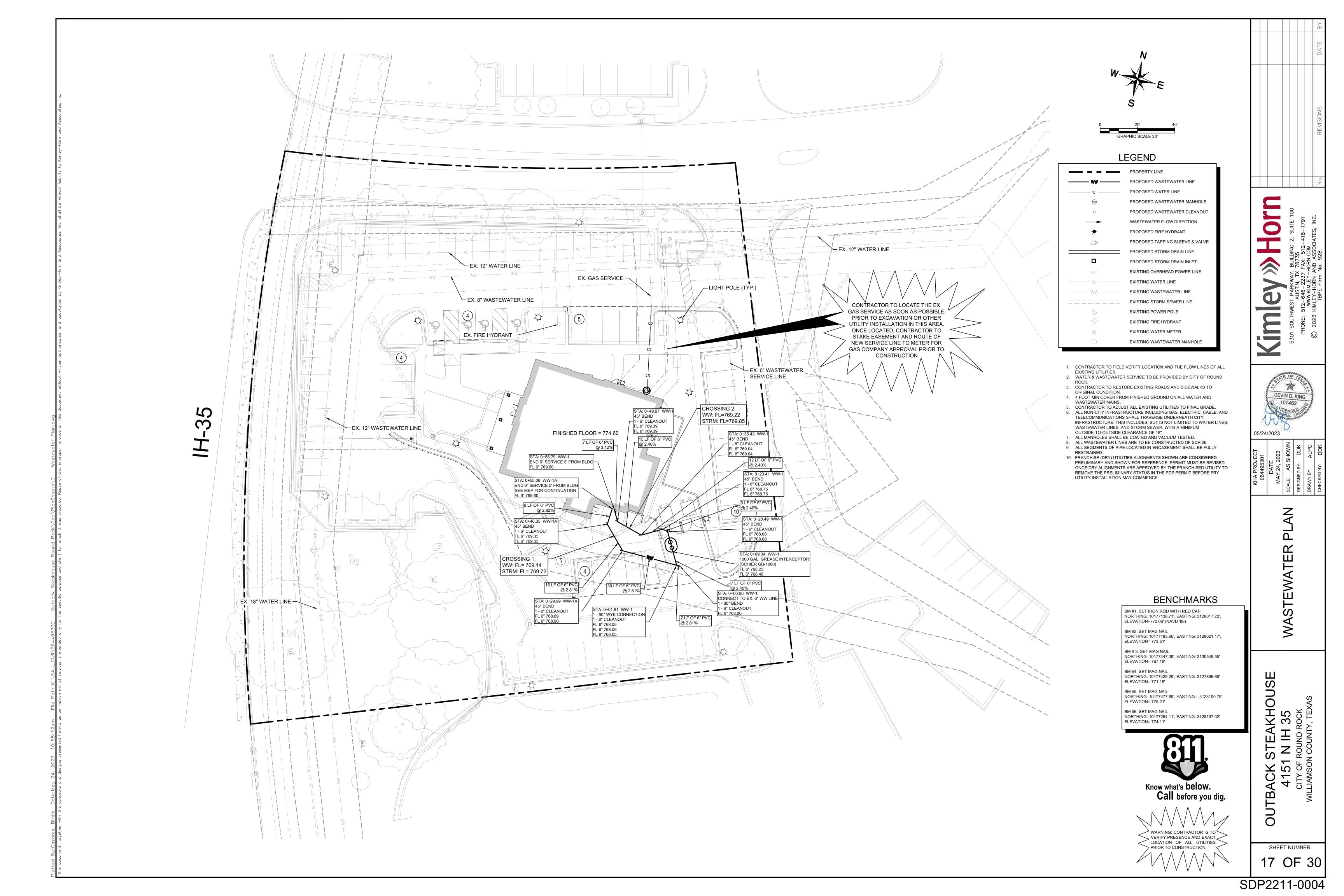
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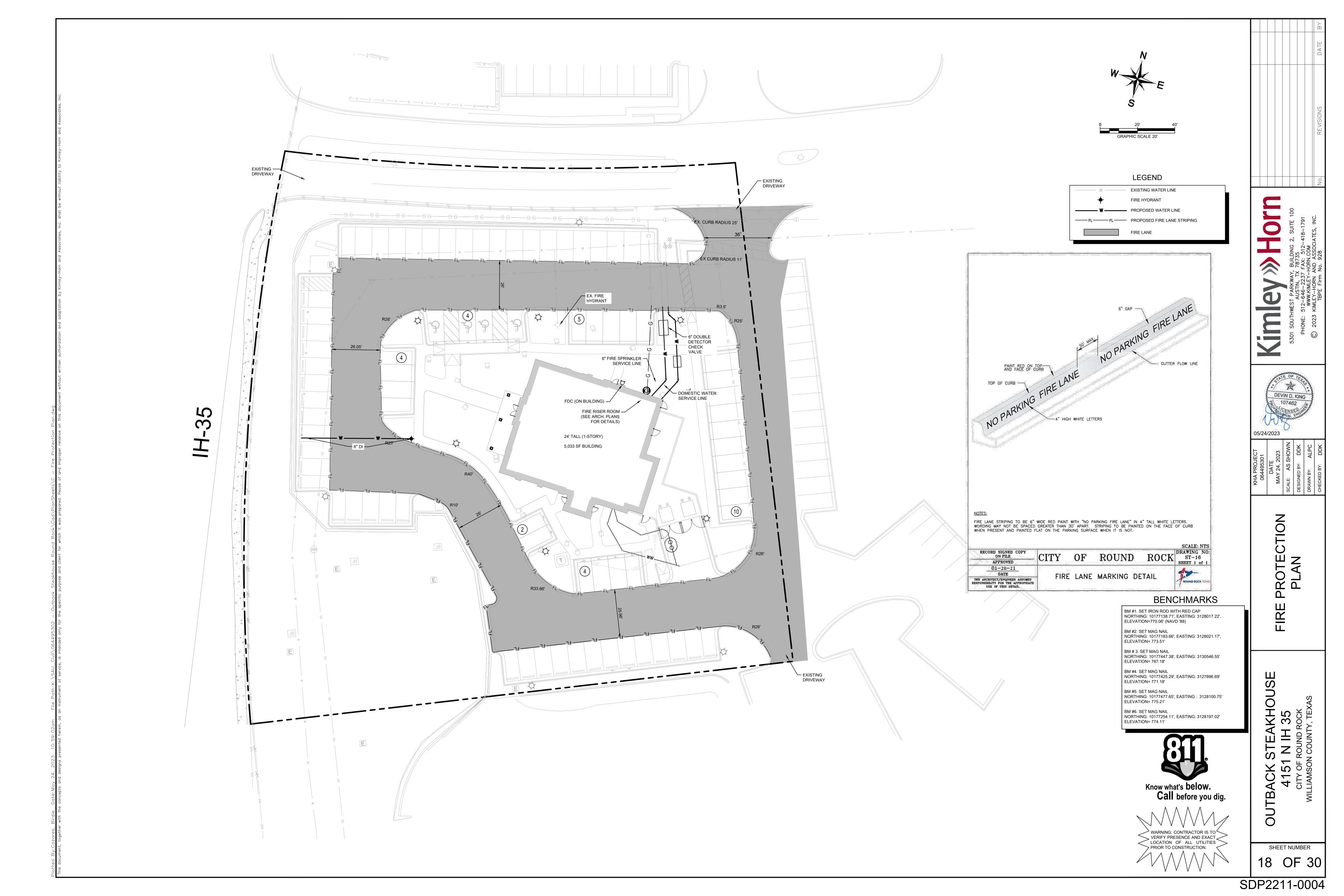
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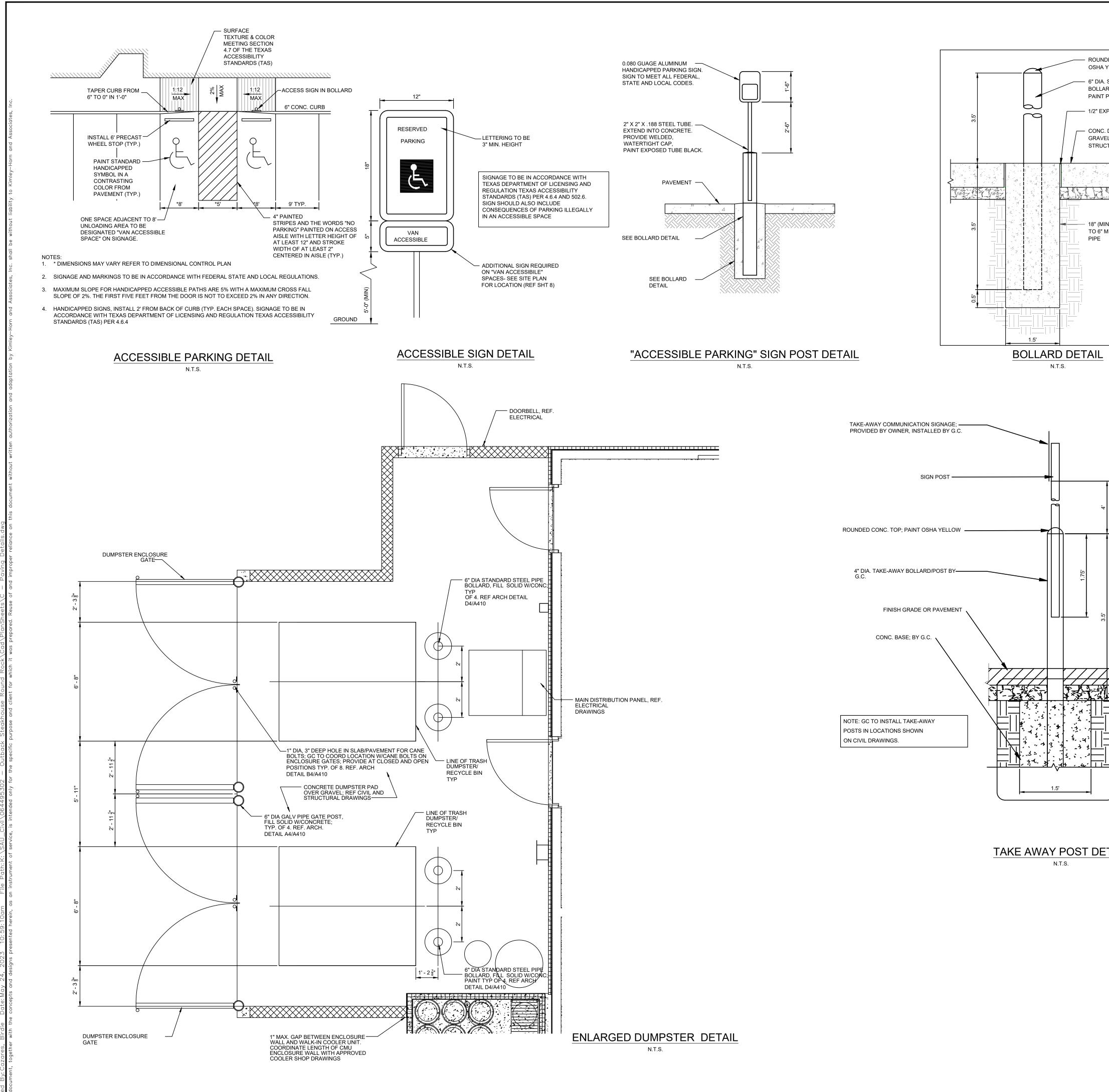
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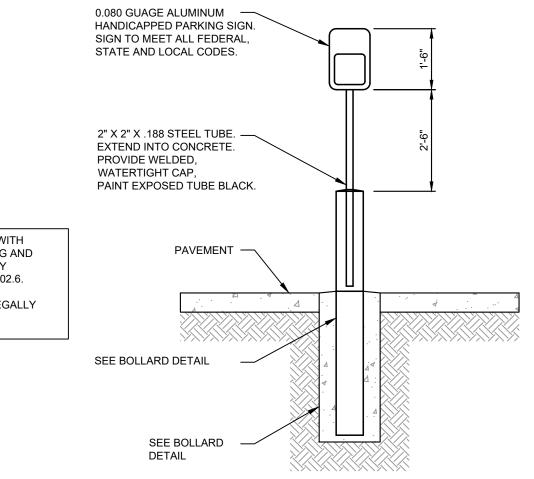
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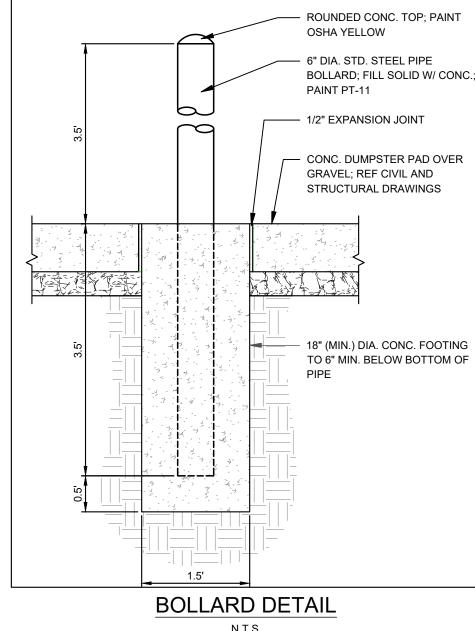
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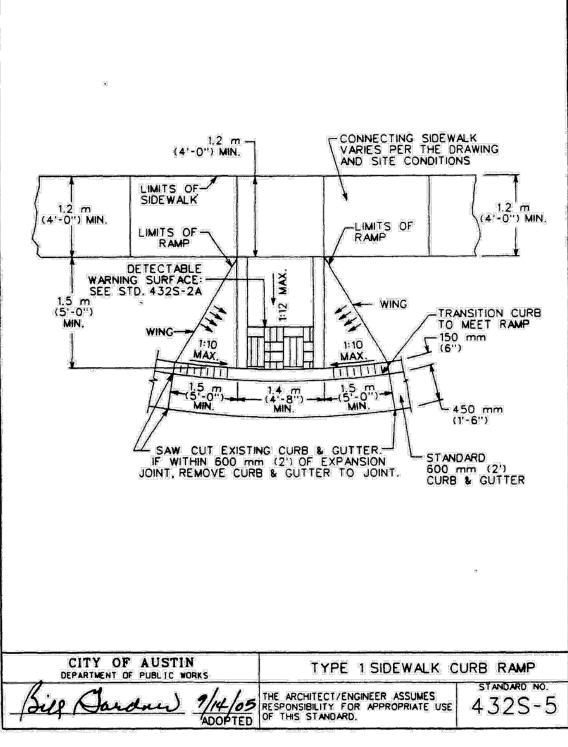






TAKE AWAY POST DETAIL

1.2 m



BM #1. SET IRON ROD WITH RED CAP

ELEVATION=770.06' (NAVD '88)

ELEVATION= 773.51'

ELEVATION= 767.18'

BM #4. SET MAG NAIL

ELEVATION= 771.18'

BM #5. SET MAG NAIL

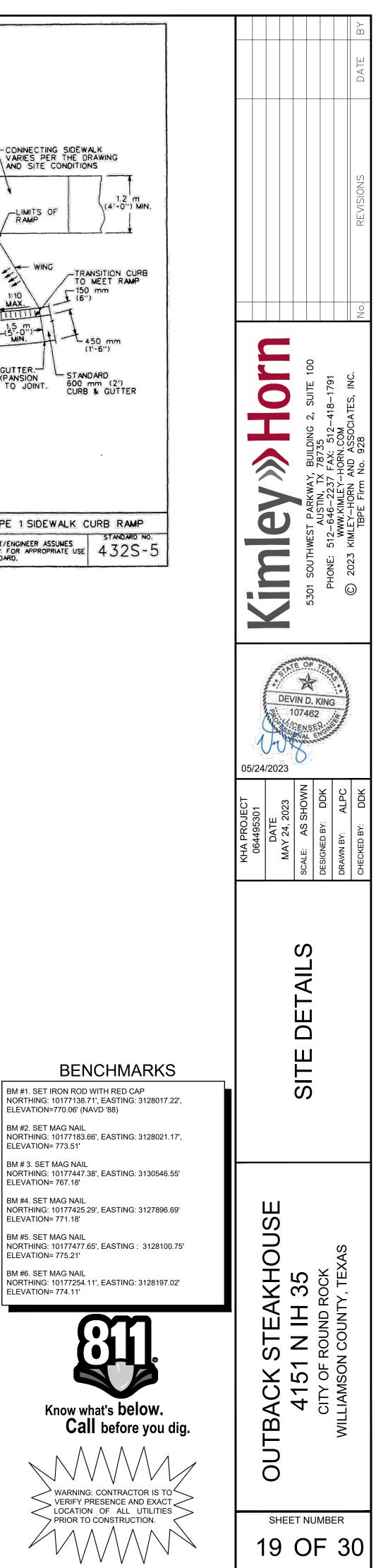
ELEVATION= 775.21'

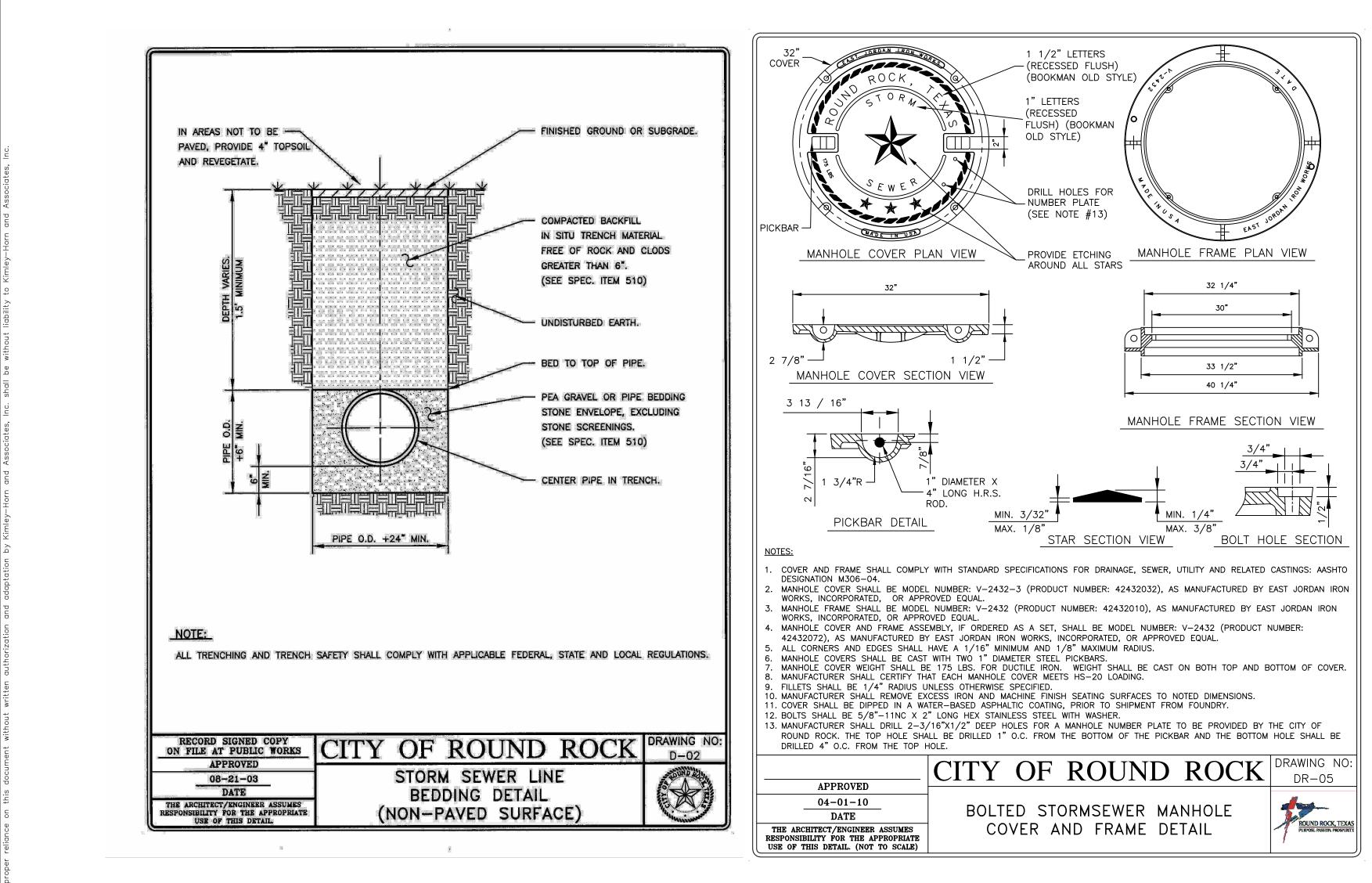
BM #6. SET MAG NAIL

ELEVATION= 774.11'

PRIOR TO CONSTRUCTION.

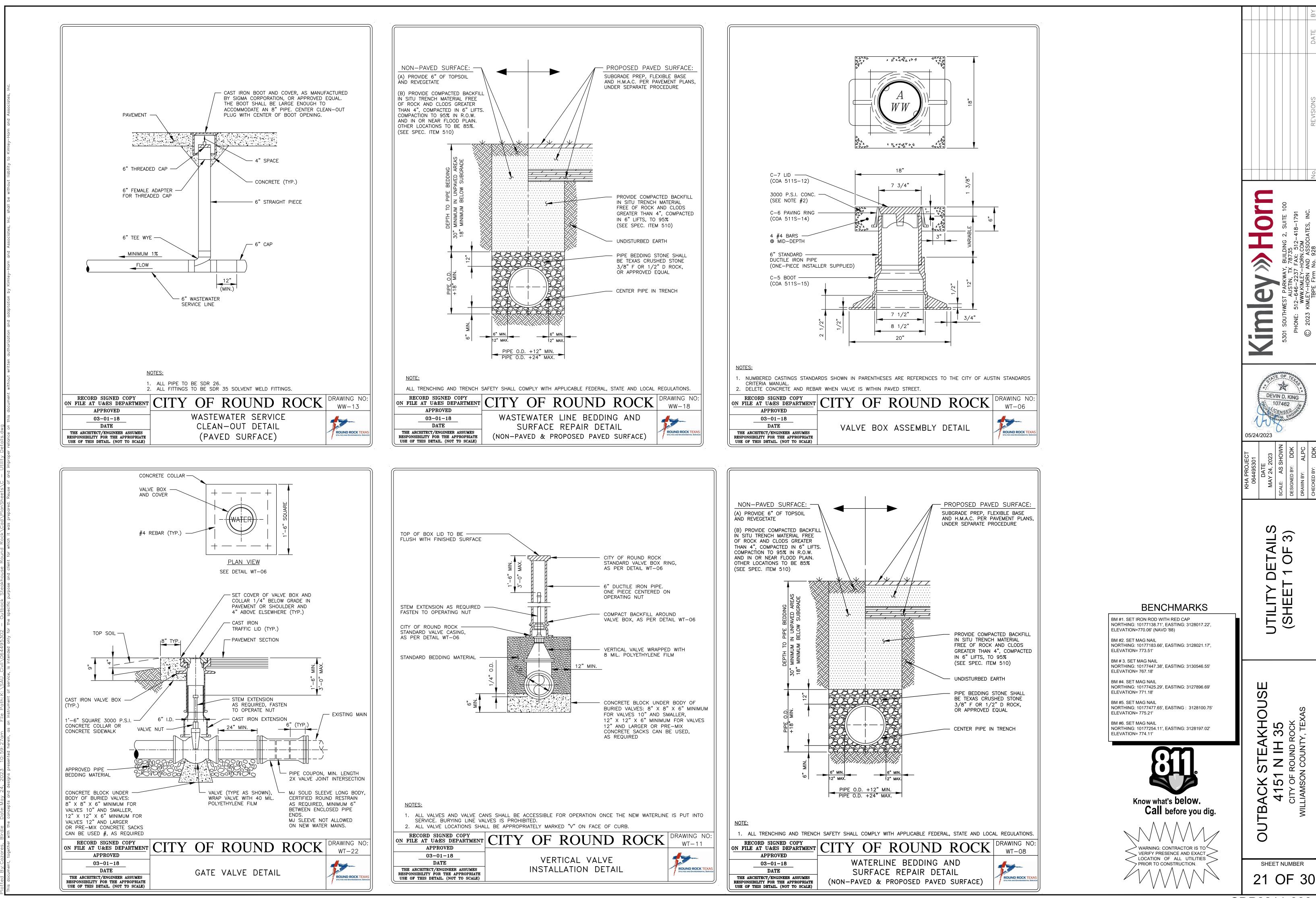
BM # 3. SET MAG NAIL



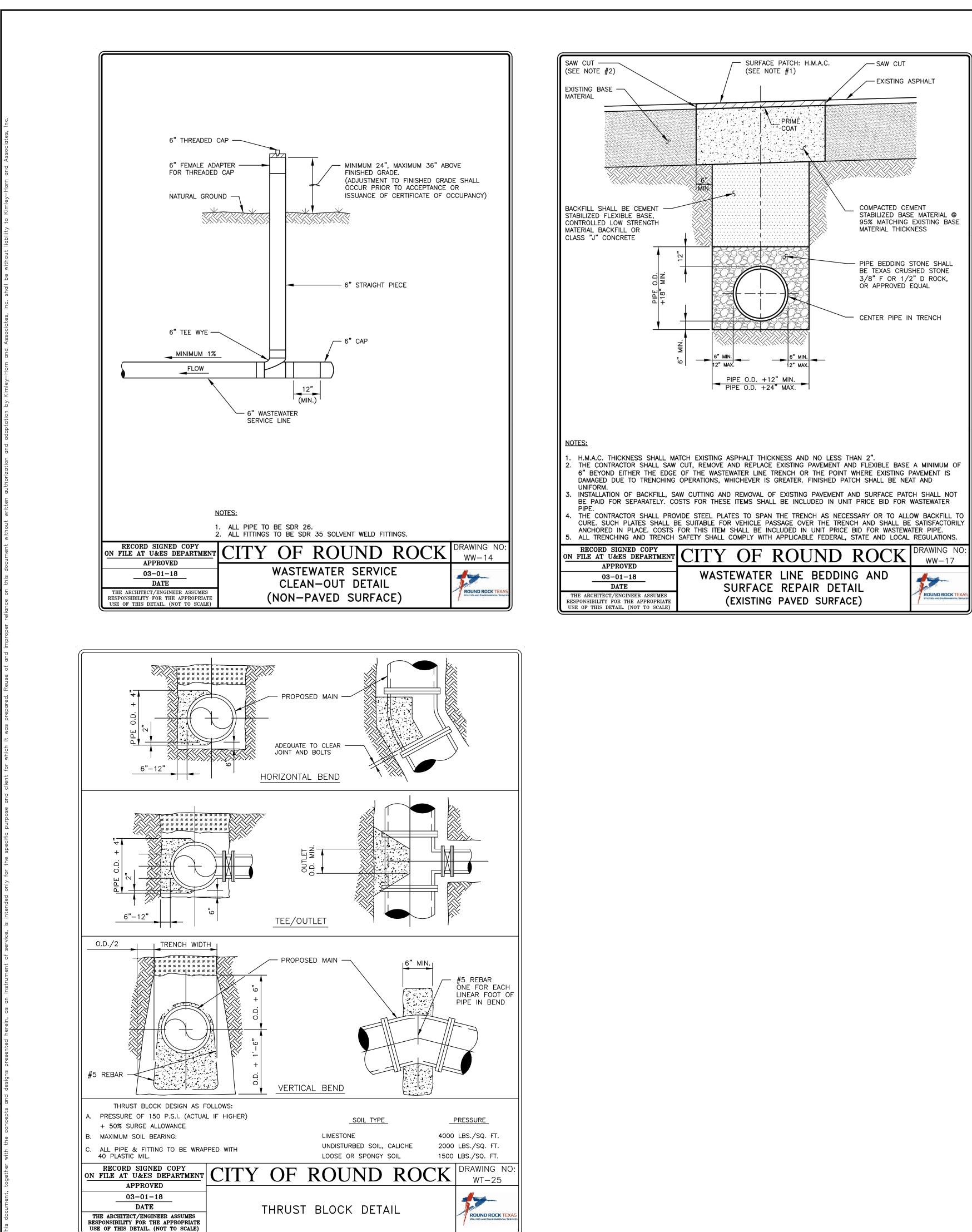


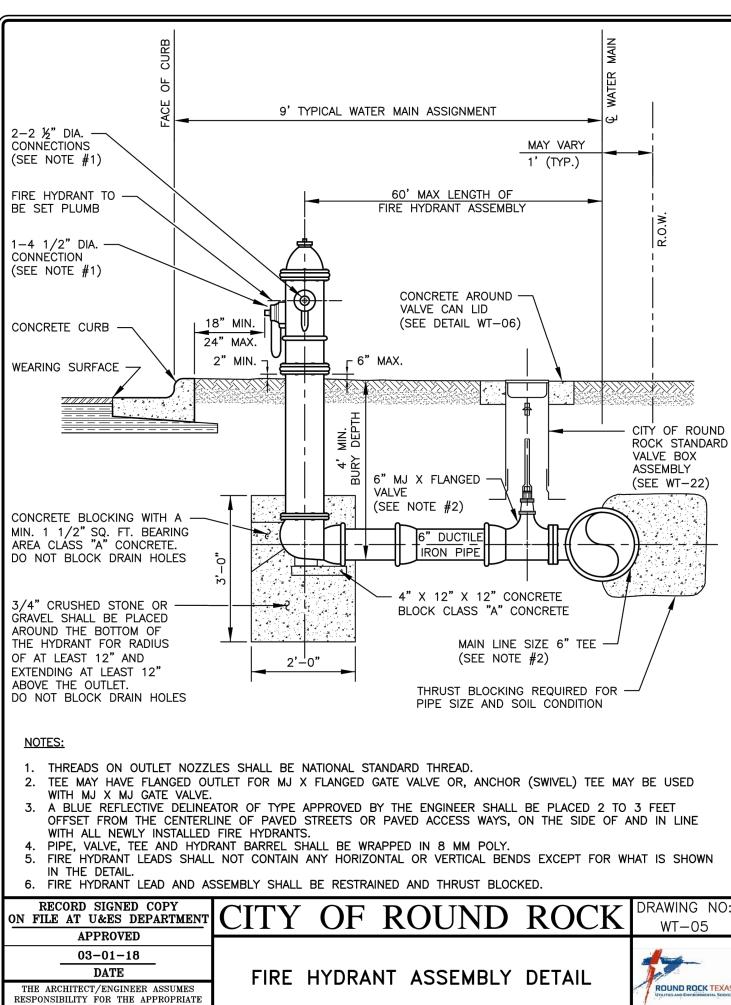


	REVISIONS DATE BY
	Figure 100 Figure 100 Figure 100 5301 SOUTHWEST PARKWAY, BUILDING 2, SUITE 100 AUSTIN, TX 78735 FHONE: 512-646-2237 FAX: 512-418-1791 WWW.KIMLEY-HORN.COM © 2023 KIMLEY-HORN.COM © 2023 KIMLEY-HORN.COM TBPE Firm No. 928
	KHA PROJECT KHA PROJECT 064495301 064495301 064495301 064495301 064495301 064495301 02/24/2023 MAY 24, 2023 02/24/2023 Scale: AS SHOWN DS/CALE: AS SHOWN DESIGNED BY: DDK DESIGNED BY: DDK DDK DRAWN BY: ALPC DRAWN BY: DDK CHECKED BY: DDK DC
BENCHMARKS BM #1. SET IRON ROD WITH RED CAP NORTHING: 10177138.71', EASTING: 3128017.22', ELEVATION=770.06' (NAVD '88) BM #2. SET MAG NAIL NORTHING: 10177183.66', EASTING: 3128021.17', ELEVATION= 773.51' BM # 3. SET MAG NAIL NORTHING: 10177447.38', EASTING: 3130546.55'	STORM DRAIN DETAILS
ELEVATION= 767.18' BM #4. SET MAG NAIL NORTHING: 10177425.29', EASTING: 3127896.69' ELEVATION= 771.18' BM #5. SET MAG NAIL NORTHING: 10177477.65', EASTING: 3128100.75' ELEVATION= 775.21' BM #6. SET MAG NAIL NORTHING: 10177254.11', EASTING: 3128197.02' ELEVATION= 774.11'	OUTBACK STEAKHOUSE 4151 N IH 35 CITY OF ROUND ROCK WILLIAMSON COUNTY, TEXAS
WARNING: CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.	sheet number 20 OF 30
S	DP2211-0004



SDP2211-0004

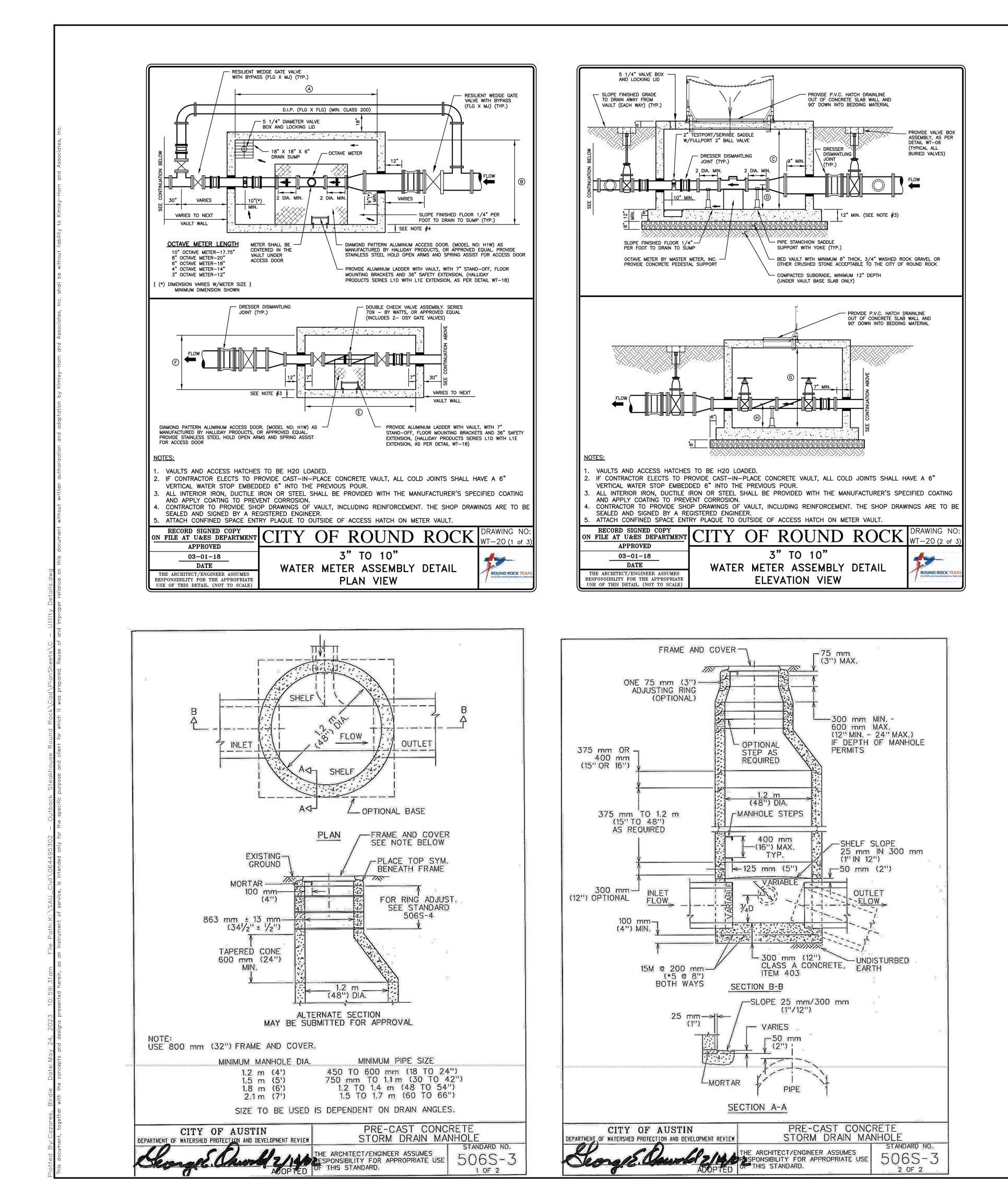




USE OF THIS DETAIL. (NOT TO SCALE)

ND THRUST BLUC	KED.	
DUND	ROCK	DRAWING NO: WT-05
ASSEMBLY		

	DATE BY
	REVISIONS
	S301 SOUTHWEST PARKWAY, BUILDING 2, SUITE 100 B1STIN, TX 78735 PHONE: 512–646–2237 FAX: 512–418–1791 WWW.KIMLEY-HORN.COM © 2023 KIMLEY-HORN AND ASSOCIATES, INC. TBPE Firm No. 928
	KHA PROJECT 064495301 064495301 064495301 DATE MAY 24, 2023 ScALE: AS SHOWN DESIGNED BY: DDK DESIGNED BY: DDK DRAWN BY: ALPC CHECKED BY: DDK
BENCHMARKS BM #1. SET IRON ROD WITH RED CAP NORTHING: 10177138.71', EASTING: 3128017.22', ELEVATION=770.06' (NAVD '88) BM #2. SET MAG NAIL NORTHING: 10177183.66', EASTING: 3128021.17', ELEVATION= 773.51'	UTILITY DETAILS (SHEET 2 OF 3)
BM # 3. SET MAG NAIL NORTHING: 10177447.38', EASTING: 3130546.55' ELEVATION= 767.18' BM #4. SET MAG NAIL NORTHING: 10177425.29', EASTING: 3127896.69' ELEVATION= 771.18' BM #5. SET MAG NAIL NORTHING: 10177477.65', EASTING: 3128100.75' ELEVATION= 775.21' BM #6. SET MAG NAIL NORTHING: 10177254.11', EASTING: 3128197.02' ELEVATION= 774.11' COOLS & COOLS	OUTBACK STEAKHOUSE 4151 N IH 35 CITY OF ROUND ROCK WILLIAMSON COUNTY, TEXAS
WARNING: CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.	sheet number 22 OF 30



	WATE	R METER	VAULT S	CHEDULE		
TAG NO.	DESCRIPTION	VAULT NO. 1 (3" METER)	VAULT NO. 2 (4" METER)	VAULT NO. 3 (6" METER)	VAULT NO. 4 (8" METER)	VAULT NO. 5 (10" METER)
А	MINIMUM VAULT LENGTH	6'-0"	6' - 0"	8'-0"	9'-0"	12'–0"
В	MINIMUM VAULT WIDTH	4'-0"	4'-0"	6' - 0"	6'-0"	6'-0"
С	MINIMUM VAULT HEIGHT	4'-0"	4'-0"	6'-6"	6'-6"	6'-6"
D	MINIMUM PIPE HEIGHT	18"	18"	24"	24"	24"
_	OCTAVE METER SIZE	3"	4"	6"	8"	10"
_	METER LAY LENGTH	12"	14"	18"	20"	17.75"
-	DOUBLE-LEAF ACCESS DOOR	42" x 42"	42" x 42"	42" x 42"	60" × 60"	60" x 60"

BACK	FLOW PREV	ENTOR VAL	JLT SCHED	ULE	
DESCRIPTION	VAULT NO. 1 (3" BACKFLOW)	VAULT NO. 2 (4" BACKFLOW)	VAULT NO. 3 (6" BACKFLOW)	VAULT NO. 4 (8" BACKFLOW)	VAULT NO. 5 (10" BACKFLOW)
MINIMUM VAULT LENGTH	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"
MINIMUM VAULT WIDTH	4'-0"	5'-0"	5'-0"	5'-0"	5'-0"
MINIMUM VAULT HEIGHT	4'-0"	4'-0"	6'-6"	6'-6"	6'-6"
MINIMUM PIPE HEIGHT	18"	18"	24"	24"	24"
BACKFLOW PREVENTOR SIZE	3"	4"	6"	8"	10"
DOUBLE-LEAF ACCESS DOOR	42" × 42"	42" × 42"	42" × 42"	42" × 42"	42" × 42"
	DESCRIPTION MINIMUM VAULT LENGTH MINIMUM VAULT WIDTH MINIMUM VAULT HEIGHT MINIMUM PIPE HEIGHT BACKFLOW PREVENTOR SIZE	DESCRIPTIONVAULT NO. 1 (3" BACKFLOW)MINIMUM VAULT LENGTH6'-0"MINIMUM VAULT WIDTH4'-0"MINIMUM VAULT HEIGHT4'-0"MINIMUM PIPE HEIGHT18"BACKFLOW PREVENTOR SIZE3"	DESCRIPTIONVAULT NO. 1 (3" BACKFLOW)VAULT NO. 2 (4" BACKFLOW)MINIMUM VAULT LENGTH6'-0"7'-0"MINIMUM VAULT WIDTH4'-0"5'-0"MINIMUM VAULT HEIGHT4'-0"4'-0"MINIMUM PIPE HEIGHT18"18"BACKFLOW PREVENTOR SIZE3"4"	DESCRIPTION VAULT NO. 1 (3" BACKFLOW) VAULT NO. 2 (4" BACKFLOW) VAULT NO. 3 (6" BACKFLOW) MINIMUM VAULT LENGTH 6'-0" 7'-0" 8'-0" MINIMUM VAULT LENGTH 4'-0" 5'-0" 5'-0" MINIMUM VAULT WIDTH 4'-0" 5'-0" 5'-0" MINIMUM VAULT HEIGHT 4'-0" 4'-0" 6'-6" MINIMUM PIPE HEIGHT 18" 18" 24" BACKFLOW PREVENTOR SIZE 3" 4" 6"	DESCRIPTION (3" BACKFLOW) (4" BACKFLOW) (6" BACKFLOW) (8" BACKFLOW) MINIMUM VAULT LENGTH 6'-0" 7'-0" 8'-0" 9'-0" MINIMUM VAULT WIDTH 4'-0" 5'-0" 5'-0" 5'-0" MINIMUM VAULT WIDTH 4'-0" 4'-0" 6'-6" 6'-6" MINIMUM VAULT HEIGHT 18" 18" 24" 24" BACKFLOW PREVENTOR SIZE 3" 4" 6" 8"

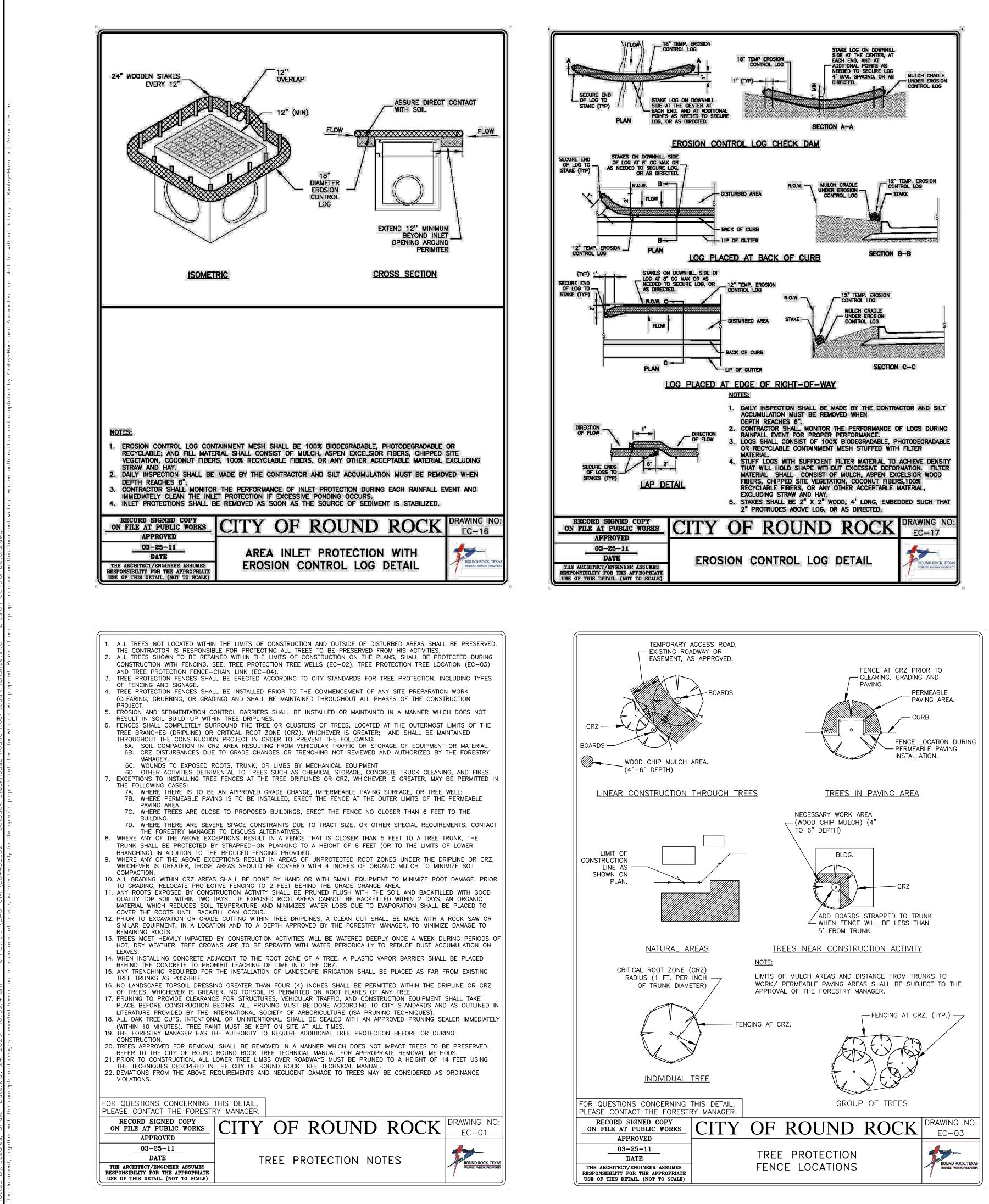
VAULT DIMENSIONS NOTE:

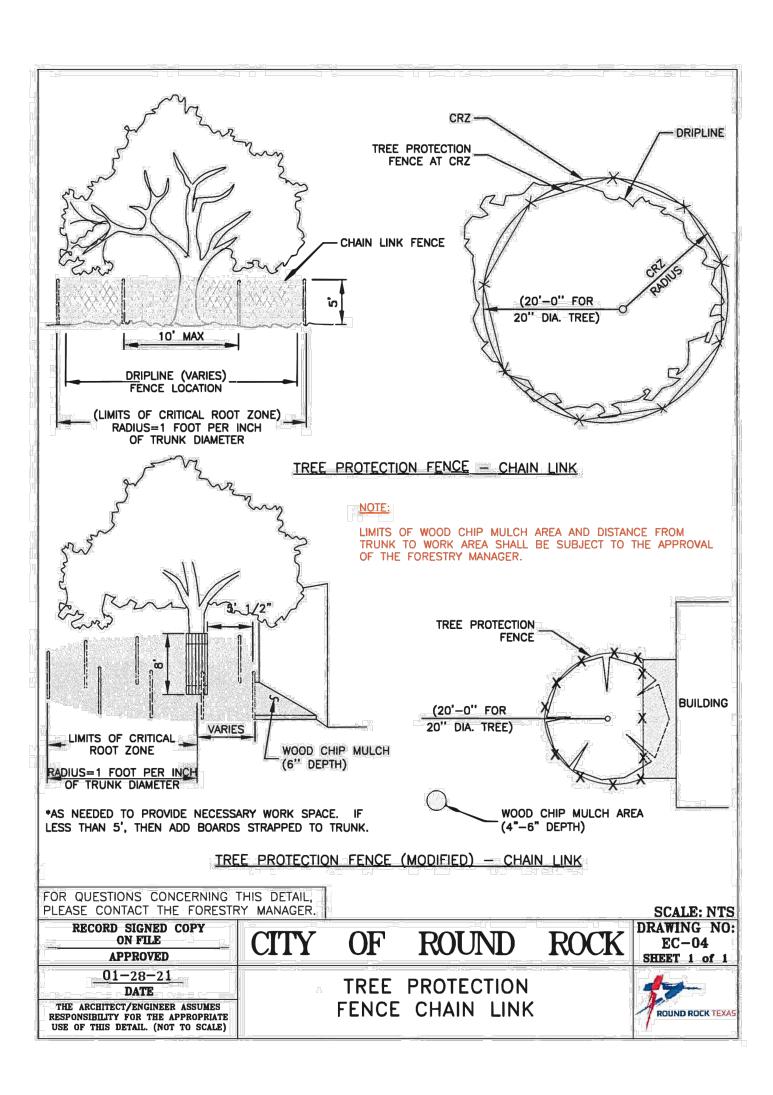
VAULT DIMENSIONS SHOWN ARE MINIMUM AND MUST BE VERIFIED FOR EQUIPMENT AND PIPING MATERIALS ACTUALLY FURNISHED FOR THE WATER METER AND BACKFLOW VAULT TO BE CONSTRUCTED.

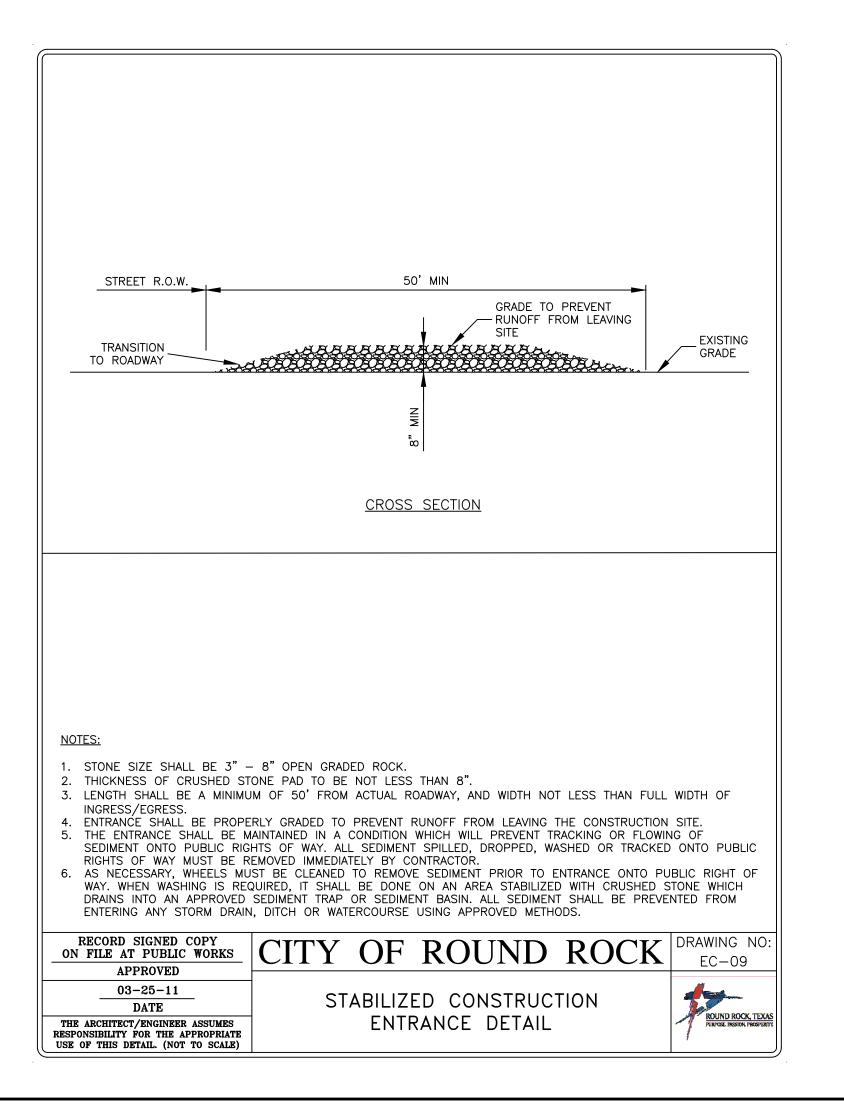
RECORD SIGNED COPY ON FILE AT U&ES DEPARTMENT APPROVED	CITY OF ROUND ROCK	DRAWING NO: WT-20 (3 of 3)
AFFROVED 03-01-18 DATE	3" TO 10" WATER METER ASSEMBLY DETAIL	-
THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR THE APPROPRIATE USE OF THIS DETAIL. (NOT TO SCALE)	VAULT SCHEDULE	ROUND ROCK TEXAS

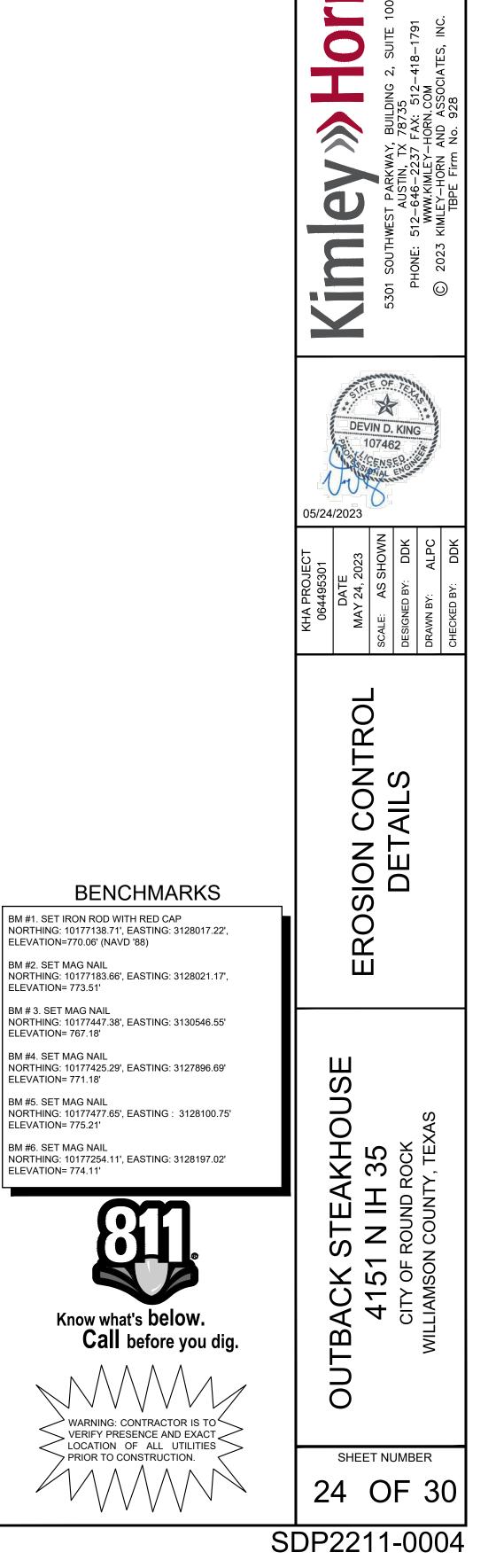
	DATE BY
	REVISIONS
	Kimley Horn 5301 SOUTHWEST PARKWAY, BUILDING 2, SUITE 100 AUSTIN, TX 78735 PHONE: 512–646–2237 FAX: 512–418–1791 WWW.KIMLEY–HORN.COM © 2023 KIMLEY–HORN.COM CO 2023 KIMLEY–HORN.AND ASSOCIATES, INC. TBPE Firm No. 928
	KHA PROJECT 064495301 DATE MAY 24, 2023 SCALE: AS SHOWN DESIGNED BY: DDK DESIGNED BY: DDK DRAWN BY: ALPC CHECKED BY: DDK
BENCHMARKS BM #1. SET IRON ROD WITH RED CAP NORTHING: 10177138.71', EASTING: 3128017.22', ELEVATION=770.06' (NAVD '88) BM #2. SET MAG NAIL NORTHING: 10177183.66', EASTING: 3128021.17', ELEVATION= 773.51'	UTILITY DETAILS (SHEET 3 OF 3)
BM # 3. SET MAG NAIL NORTHING: 10177447.38', EASTING: 3130546.55' ELEVATION= 767.18' BM #4. SET MAG NAIL NORTHING: 10177425.29', EASTING: 3127896.69' ELEVATION= 771.18' BM #5. SET MAG NAIL NORTHING: 10177477.65', EASTING : 3128100.75' ELEVATION= 775.21' BM #6. SET MAG NAIL NORTHING: 10177254.11', EASTING: 3128197.02' ELEVATION= 774.11'	AKHOUSE H 35 D ROCK ITY, TEXAS
Know what's below. Call before you dig.	OUTBACK STEAKHC 4151 N IH 35 CITY OF ROUND ROCK WILLIAMSON COUNTY, TEXA
LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.	SHEET NUMBER 23 OF 30 DP2211-0004

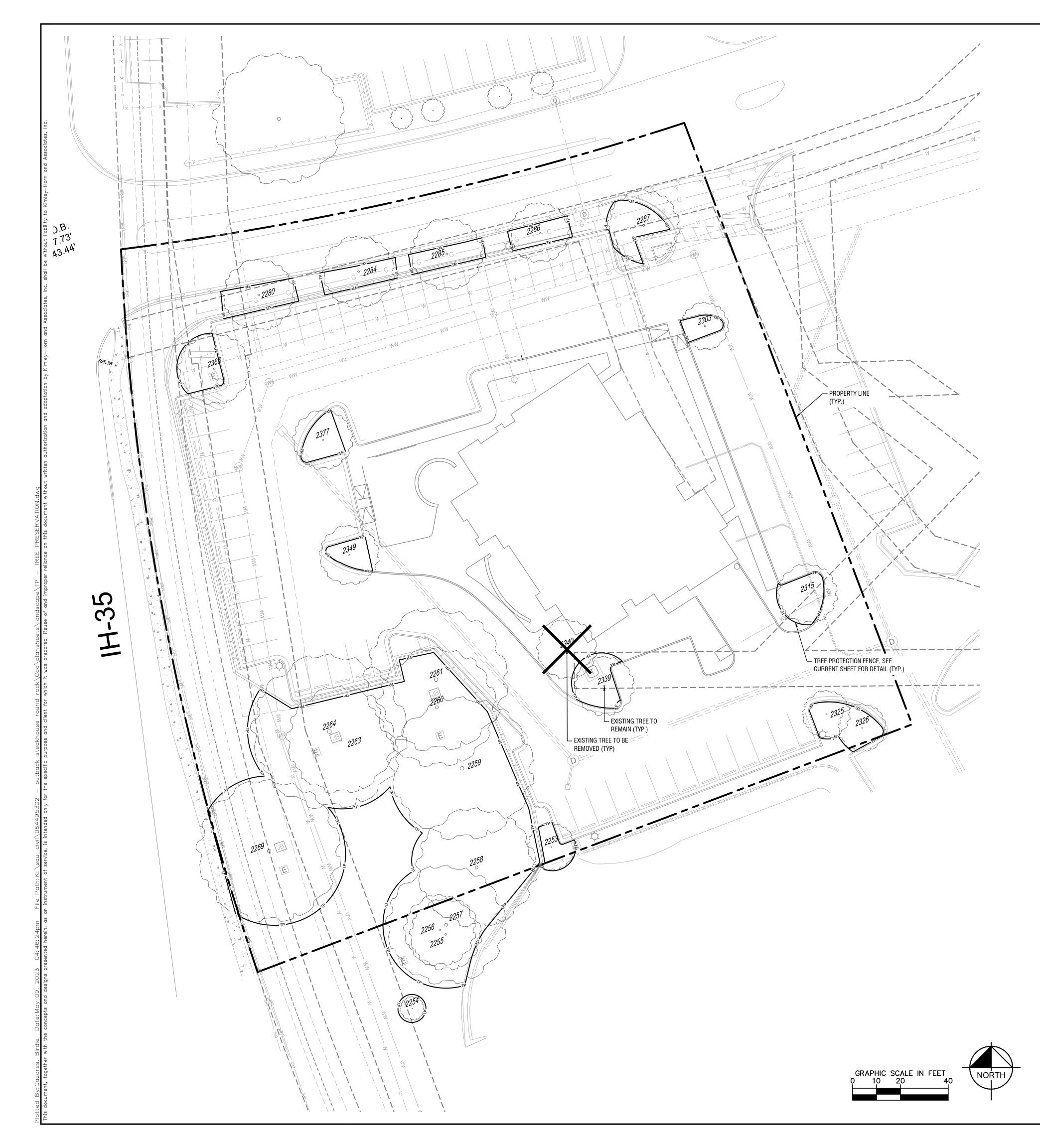
SDP2211-0004

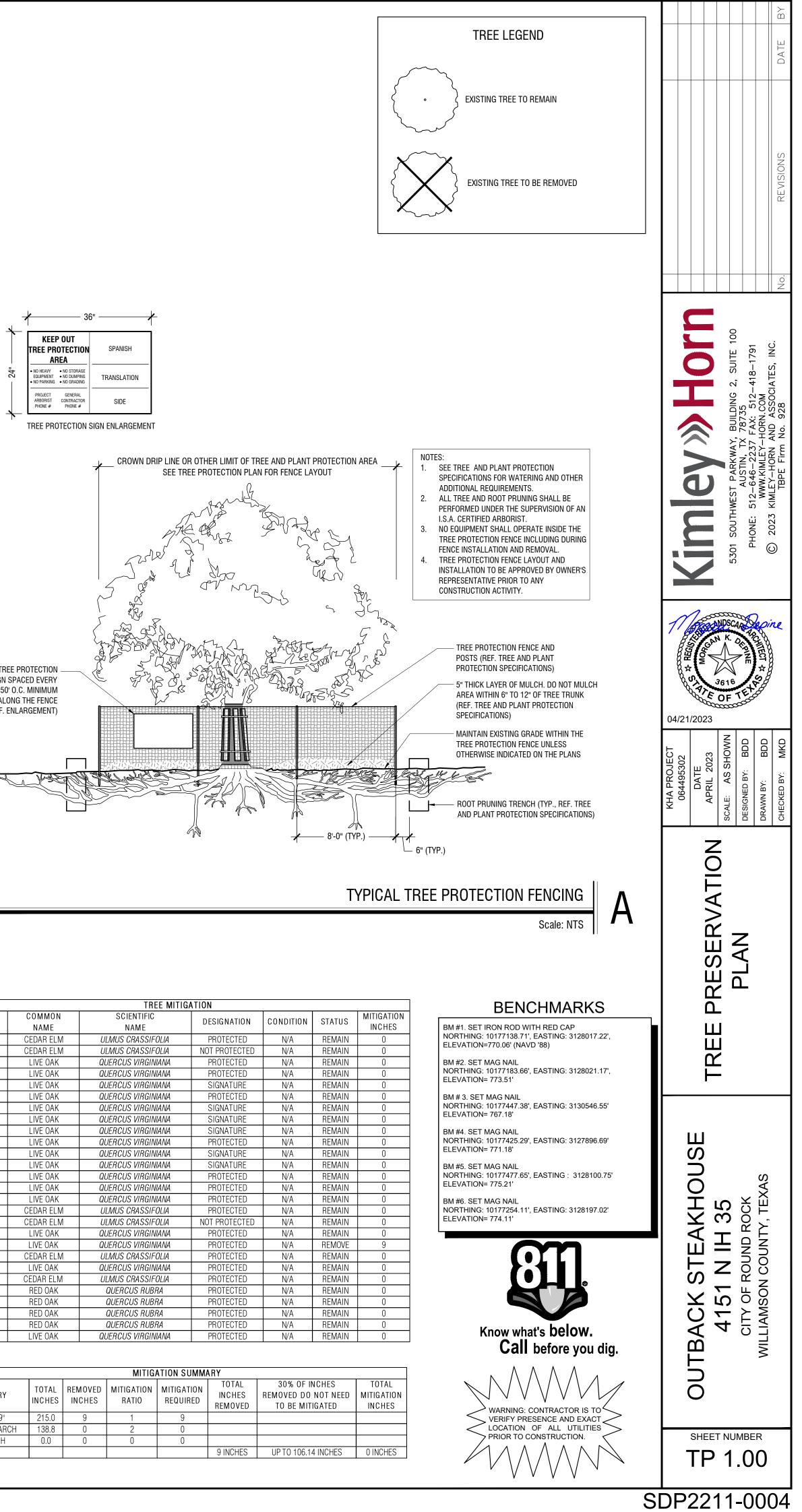


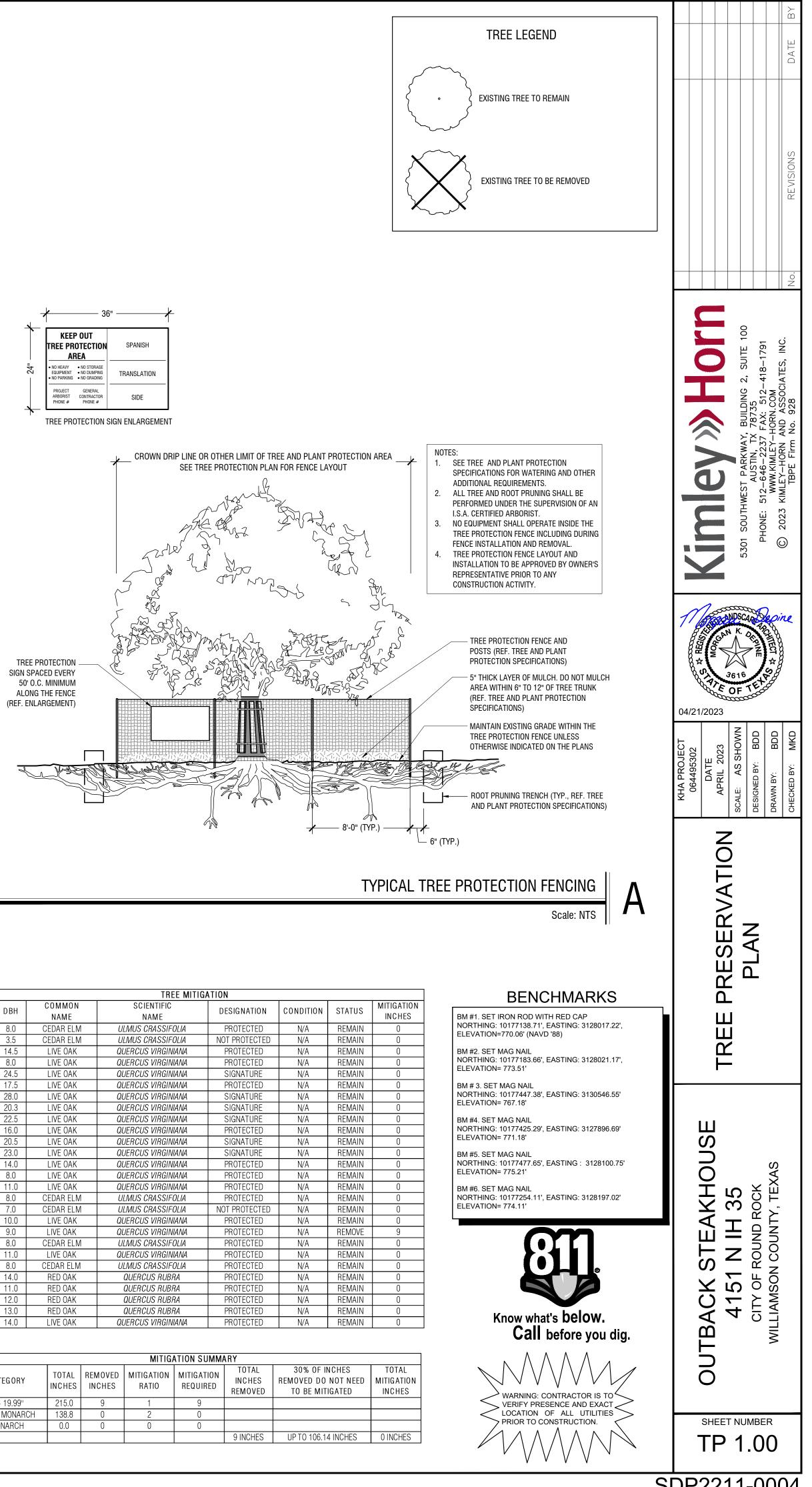












	COMMON NAME	DBH	TAG#
ULN	CEDAR ELM	8.0	2253
ULN	CEDAR ELM	3.5	2254
QUE	LIVE OAK	14.5	2255
QUE	LIVE OAK	8.0	2256
QUE	LIVE OAK	24.5	2257
QUE	LIVE OAK	17.5	2258
QUE	LIVE OAK	28.0	2259
QUE	LIVE OAK	20.3	2260
QUE	LIVE OAK	22.5	2261
QUE	LIVE OAK	16.0	2263
QUE	LIVE OAK	20.5	2264
QUE	LIVE OAK	23.0	2269
QUE	LIVE OAK	14.0	2287
QUE	LIVE OAK	8.0	2303
QUE	LIVE OAK	11.0	2315
ULN	CEDAR ELM	8.0	2325
ULN	CEDAR ELM	7.0	2326
QUE	LIVE OAK	10.0	2339
QUE	LIVE OAK	9.0	2340
ULN	CEDAR ELM	8.0	2349
QUE	LIVE OAK	11.0	2366
ULN	CEDAR ELM	8.0	2377
Ql	RED OAK	14.0	2280
QU	RED OAK	11.0	2284
Ql	RED OAK	12.0	2285
QU	RED OAK	13.0	2286
QUE	LIVE OAK	14.0	2287

CATEGORY	TOTAL INCHES	REMOVED INCHES	
8" - 19.99"	215.0	9	
20" TO MONARCH	138.8	0	
MONARCH	0.0	0	

PLANTING NOTES:

- LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UNDERGROUND UTILITIES, PIPES, STRUCTURES, AND LINE RUNS IN THE FIELD PRIOR TO THE INSTALLATION OF ANY PLANT MATERIAL.
- 2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ADVISE THE LANDSCAPE ARCHITECT OF ANY CONDITION FOUND ON THE SITE WHICH PROHIBITS INSTALLATION AS SHOWN ON THESE DRAWINGS.
- 3. ALL PLANT MATERIAL SHALL BE MAINTAINED IN A HEALTHY AND GROWING CONDITION AND MUST BE REPLACED WITH PLANT MATERIAL OF SAME VARIETY AND SIZE IF DAMAGED, DESTROYED, OR REMOVED.
- LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR FINE GRADING AND REMOVAL OF DEBRIS PRIOR TO PLANTING IN ALL AREAS.
- FINAL FINISH GRADING SHALL BE REVIEWED BY THE LANDSCAPE ARCHITECT. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITIONAL TOPSOIL REQUIRED TO CREATE A SMOOTH CONDITION PRIOR TO PLANTING.
- ALL PLANT QUANTITIES LISTED ARE FOR INFORMATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE FULL COVERAGE IN ALL PLANTING AREAS AS SPECIFIED IN THE PLANT SCHEDULE AND VERIFY ALL
- QUANTITIES. LANDSCAPE CONTRACTOR TO PROVIDE STEEL EDGING (REFER TO MATERIALS LEGEND) BETWEEN ALL PLANTING BEDS AND LAWN AREAS.
- ALL PLANT MATERIAL SHALL CONFORM TO THE SPECIFICATIONS AND SIZES GIVEN IN THE PLANT LIST AND SHALL BE NURSERY GROWN IN ACCORDANCE WITH THE CURRENT EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK. ANY PLANT SUBSTITUTION SHALL BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO
- PURCHASE. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ANY COORDINATION WITH OTHER CONTRACTORS ON SITE AS REQUIRED TO ACCOMPLISH ALL PLANTING OPERATIONS.
- 10. ALL SOILS IN ALL NEW PLANTING AREAS ARE TO BE AMENDED PER SPECIFICATIONS. 11. ANY PLANT MATERIAL THAT DOES NOT SURVIVE SHALL BE REPLACED WITH AN EQUIVALENT SIZE AND SPECIES
- WITHIN THIRTY (30) DAYS. 12. PLANT MATERIAL SHALL BE PRUNED AS NECESSARY TO CONTROL SIZE BUT NOT TO DISRUPT THE NATURAL GROWTH PATTERN OR CHARACTERISTIC FORM OF THE PLANT EXCEPT AS NECESSARY TO ACHIEVE HEIGHT
- CLEARANCE FOR VISIBILITY AND PEDESTRIAN PASSAGE OR TO ACHIEVE A CONTINUOUS OPAQUE HEDGE IF REQUIRED. 13. LANDSCAPED AREAS SHALL BE KEPT FREE OF TRASH, WEEDS, DEBRIS, AND DEAD PLANT MATERIAL. ALL LIME
- STABILIZED SOIL & INORGANIC SELECT FILL FOR BUILDING SHOULD BE REMOVED FROM PLANTING AREAS TO ALLOW FOR SOIL AMENDMENTS.

ACCESSIBILITY NOTES:

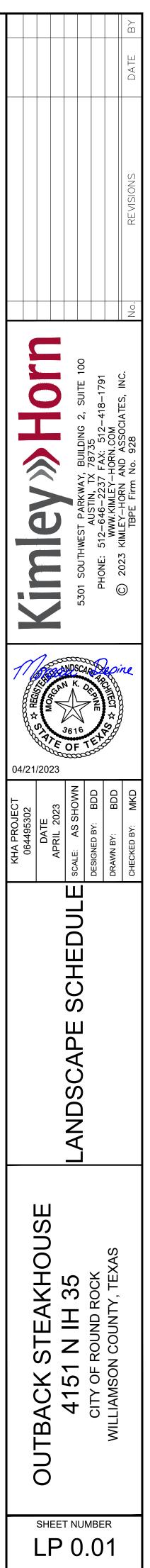
TREES PLANTED ADJACENT TO ACCESSIBLE ROUTES AND ACCESSIBLE AREAS SHALL BE PRUNED TO PROVIDE

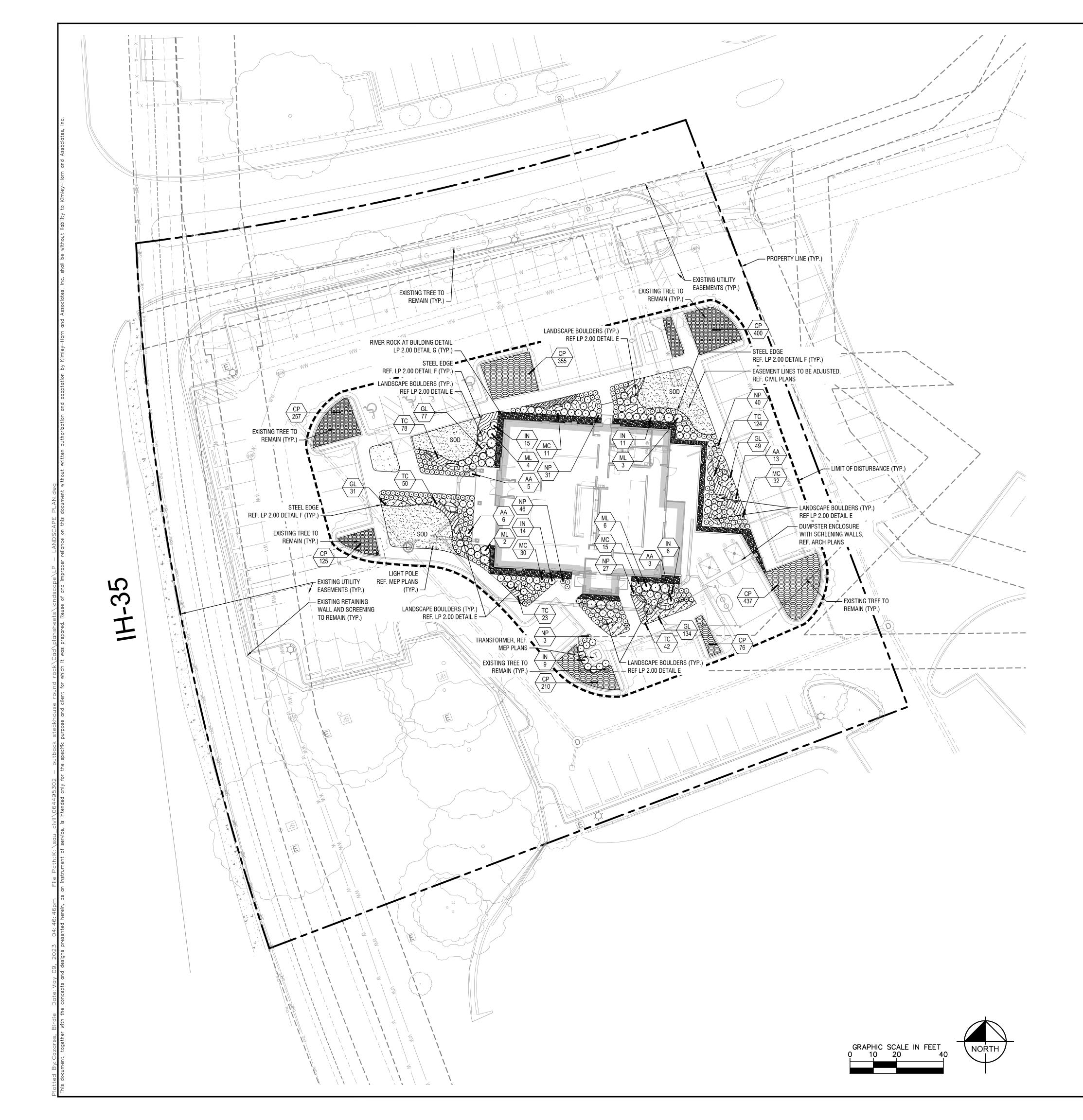
- CLEARANCE OF 80" AFF. ACCESSIBLE GATES SHALL BE LEVER TYPE HARDWARE ON BOTH SIDES OF GATES, MOUNTED WITHIN MAX.
- 48" AFF. A MIN. ONE GRILL CONTROL SHALL NOT REQUIRE TIGHT PINCHING OR TWISTING OF WRIST TO OPERATE.
- . POOL DECK SLOPES ARE NOT TO EXCEED MAX. 2.0% SLOPE IN ANY DIRECTION. RESCUE AIDS SHALL BE LOCATED (BY OTHERS) INSIDE THE BUILDING IN AN ACCESSIBLE LOCATION WITH
- CONTROLS WITHIN 48" AFF. A MIN. ONE TABLE AT EACH TABLE SEATING AREA SHALL HAVE MIN. 30" W. x 27" H x 19" D KNEE SPACE FOR
- FORWARD APPROACH. IF PAVING HAS IRREGULAR PATTERN PROVIDED, JOINTS EXCEEDING MAX. 1/4" W, SHALL BE "FLUSH" WITH PAVING SURFACE MATERIAL

PLANTING SCHEDULE:

PLANT SCH	IEDUL	<u> </u>						
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	SIZE	SPACING	REMARKS
\bigcirc	AA	27	AGAVE AMERICANA	CENTURY PLANT	5 GAL	30` H X 30` W	36" O.C.	FULL AND MATCHING
\odot	IN	55	ILEX VOMITORIA `NANA`	DWARF YAUPON HOLLY	5 GAL	30` H X 30` W	36" O.C.	FULL AND MATCHING
\bigcirc	MC	88	MUHLENBERGIA CAPILLARIS	PINK MUHLY GRASS	5 GAL	18" H X 18" W	30" O.C.	FULL AND MATCHING
$\langle \cdot \cdot \rangle$	ML	15	MUHLENBERGIA LINDHEIMERI	LINDHEIMER'S MUHLY	5 GAL	24" H X 24" W	30" O.C.	FULL AND MATCHING
\odot	NP	147	NASSELLA TENUISSIMA 'PONY TAILS'	PONY TAILS MEXICAN FEATHER GRASS	3 GAL	18" H X 18" W	24" O.C.	FULL AND MATCHING
GROUND COVERS	CODE	<u>QTY</u>	BOTANICAL NAME	COMMON NAME	CONT	SIZE	SPACING	REMARKS
	СР	1,860	CERATOSTIGMA PLUMBAGINOIDES	LEADWORT PLUMBAGO	1 GAL.			FULL AND MATCHING, TRIANGULAR SPACING
	GL	291	LIRIOPE MUSCARI	EMERALD GODDESS LIRIOPE	1 GAL.			FULL AND MATCHING, TRIANGULAR SPACING
	ROCK	652 SF	RIVER ROCK	RIVER ROCK	ROCK			COLOR TO BE TAN OR COMPLIMENT BUILDING. CONTRACTOR TO PROVIDE SAMPLE FOR CLIENT APPROVAL.
	SOD	1,452 SF	CYNODON DACTYLON	BERMUDA GRASS TIFTUF 419	SOD			SOLID SOD, ROLLED TIGHT WITH SAND FILLED JOINTS, 100% WEED, DISEASE, AND PEST FREE
	TC	317	TEUCRIUM COSSONII	CREEPING GERMANDER	1 GAL.			FULL AND MATCHING, TRIANGULAR SPACING

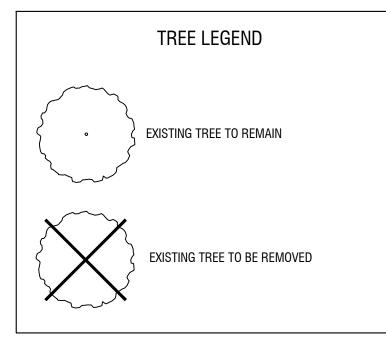
of Round Rock, Texas - Landscape Data Table Area: 1.78 acres (77,711 SF) PUD 59		
	REQUIRED	<u>PROVIDED</u>
ral Planting Requirements All trees shall be placed in a pervious area no less than 4' wide in any direction	Yes	Yes
No more than 50% of the required trees and shrubs shall be of the same species without the approval of the zoning administrator	Yes	Yes
All landscape beds shall be seperated from sod by some barrier such as steel edge All sod or turf grass shall be drought tolerant species	Yes Yes	Yes Yes
scape Buffer Requirements Landscaping shall be provided between parking areas and all public streets in an 8' wide linear planting bed	Not required per Limit of Disturbance	Not required per Limit of Disturbanc
Nothing other than the required landscaping shall be placed within the buffer	Not required per Limit of Disturbance	Not required per
or Parking Lot Requirements Each island shall be provided at the terminus of each parking bay nterrupting islands shall be provided within each parking bay as required	Yes	Yes
In a row of parking immediately adjacent to a perimeter parking lot landscape area, required interrupting islands may be eliminated by planting two (2) additional large trees in the adjacent landscape area for each interrupting island so eliminated The area within islands and medians shall not include sod or turf grass, and shall not include	Yes	Yes
more than 50% decorative groundcover material, unless approved by the zoning administrator	Yes	Yes
The remainder of the area shall consist of planting groundcover Large trees required to meet the tree island requirements may be planted closer than 30' from a building, but in no event closer than 12' from a building.	Yes	Yes, 6 island trees relocated
uilding, but in no event closer than 12' from a building. Irking Lot Landscape Buffer Requirements		
andscaping shall be provided between parking areas and all public streets in an 8' wide linear lanting bed. The minimum landscaping required for this purpose shall be based on the measured near footage of parking including vehicular circulation routes that extend along the length of the roperty line (excluding ingress/egress to the public road) adjacent to the public right-of-way.	N/A	N/A
there are overhead utilities above the landscape area, then the required large and/or small trees hay be placed in additional interrupting islands within the first row of parking adjacent to the public street. Such islands shall have a minimum width of 9' from face of curb to face of curb. In addition, the owner shall have the option of reducing the 8' wide linear planting bed described in	N/A	N/A
ubsection (g)(1)a. above, to a 4' wide area to accommodate only shrubs al Parking Landscape Requirements		
ernal landscaping planting shall be determined by the following:) SF of internal landscaping for each parking space spaces $x \ 10 = 310 \ sf$ internal landscaping shade tree or 2 ornamental trees for every 15 parking spaces	310 SF Landscaping 3 Shade Trees or 6 Ornamental Trees	1,824 SF Landscaping Existing Shade
spaces / $15 = 3$ shade trees or 6 ornamental trees I parking spaces must be within 80' of a shade tree		Trees
III - Tree Protecton and Preservation tree having a diameter of 8" or more is a protected tree	See Tree Mitigation Table Sheet TP 1.00	See Tree Mitigatior Table Sheet TP 1.00
tree survey, tree protection plan, and tree replacement plan shall accompany all site plans ubmitted in accordance with Sec. 10-45 of this code and will be reviewed by the zoning	See Tree Mitigation	See Tree Mitigatior
ministrator. The tree survey shall include all trees on the subject site and off-site trees whose tical root zones encroach onto the site or limits of construction	Table Sheet TP 1.00	Table Sheet TP 1.00
% of protected inches does not need to be mitigated for8 protected inches total x $0.3 = 106.14$ inches	See Tree Mitigation Table Sheet	See Tree Mitigatior Table Sheet
unprotected inches total	TP 1.00 See Tree Mitigation	TP 1.00
Replacement for trees with a DBH of 8"-19.99" inches total	Table Sheet TP 1.00	Table Sheet TP 1.00
replacement for trees with a DBH of 20"+ 8 inches total	See Tree Mitigation Table Sheet	See Tree Mitigatior Table Sheet
lacement trees of the same or similar species as the protected tree to be removed shall be a imum of 3" caliper, 10' height, and 5' spread at time of planting	TP 1.00 See Tree Mitigation Table Sheet	Table Sheet
es 3" - 7.99" may be used as credit trees	TP 1.00 See Tree Mitigation	-
2254 (3.5") and Tree 2326 (7.0") may be used as credit trees	Table Sheet TP 1.00	Table Sheet TP 1.00
14. Landscaping standard landscaping requirements from the above code shall apply	Yes	Yes

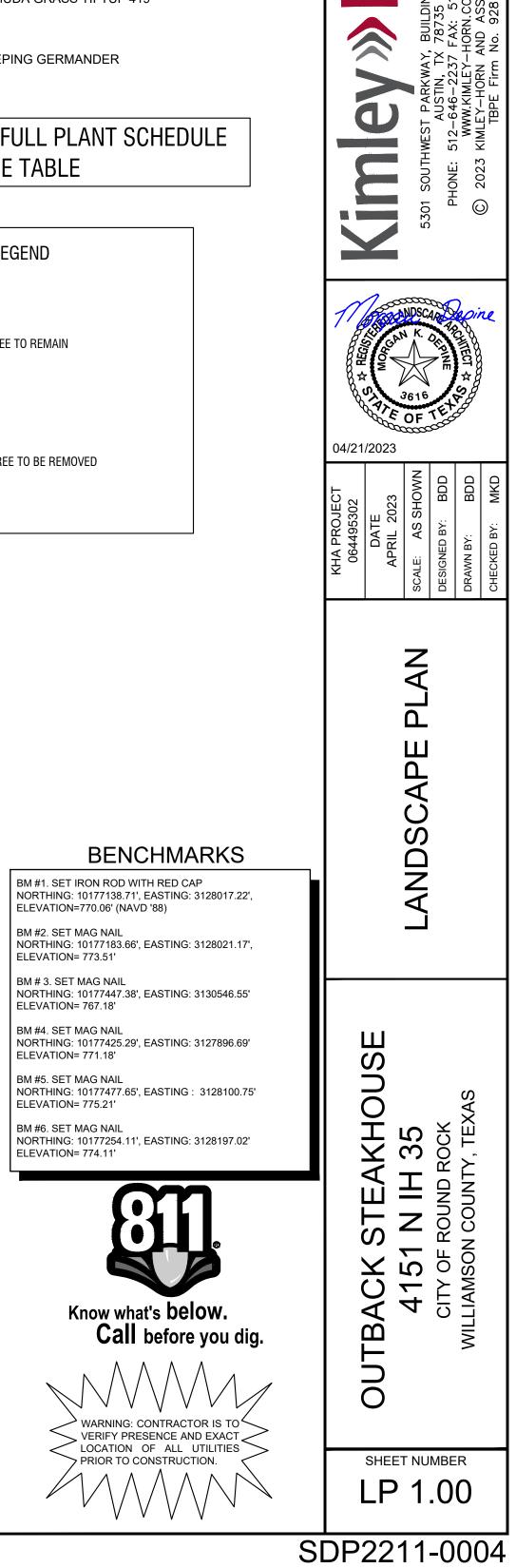


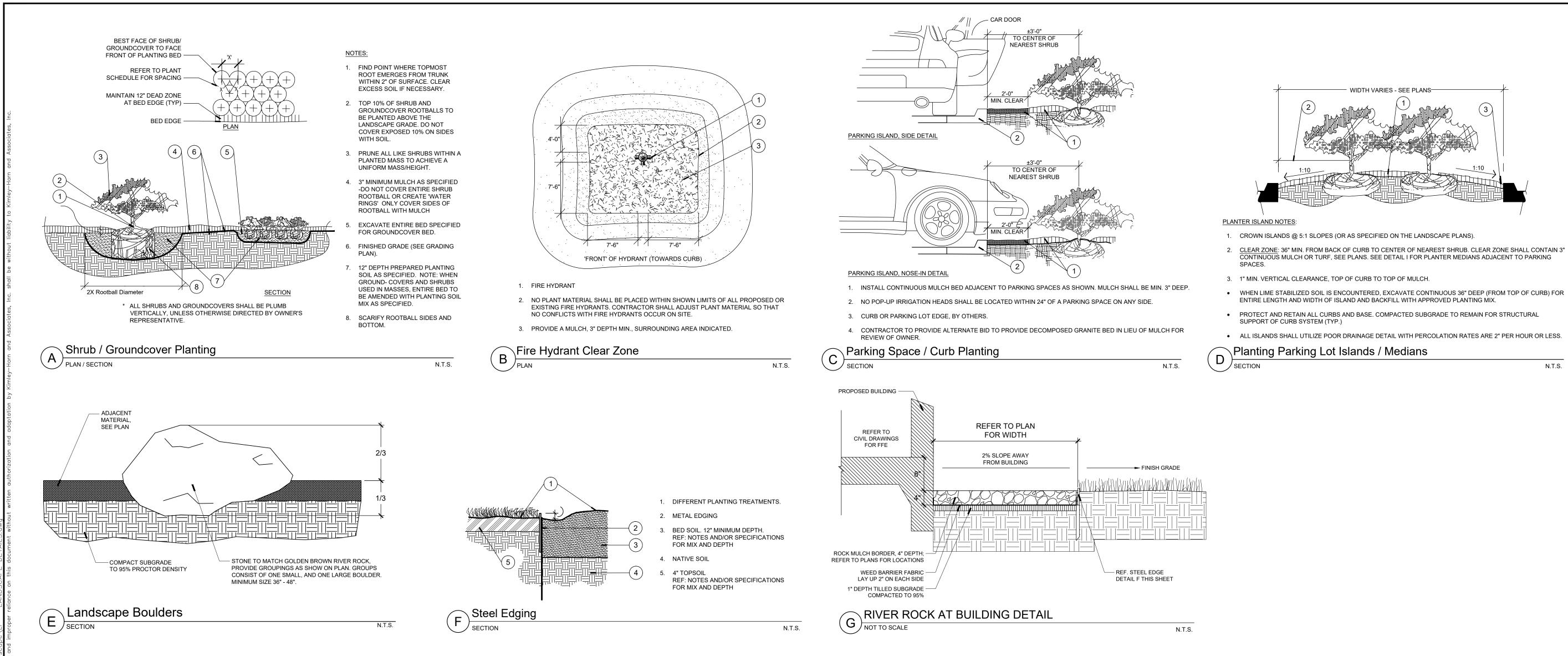


PLANT SCHEDULE					
SHRUBS	CODE	COMMON NAME			
\bigcirc	AA	CENTURY PLANT			
\odot	IN	DWARF YAUPON HOLLY			
\odot	МС	PINK MUHLY GRASS			
	ML	LINDHEIMER'S MUHLY			
\odot	NP	PONY TAILS MEXICAN FEATHER GRASS			
GROUND COVERS	CODE	COMMON NAME			
	CP	LEADWORT PLUMBAGO			
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	GL	EMERALD GODDESS LIRIOPE			
AD:55:AD: 508:02:58 508:02:58 508:02:58 508:02:58 508:02:58 508:02:58 508 508 508 508 508 508 508 508 508 5	ROCK	RIVER ROCK			
	SOD	BERMUDA GRASS TIFTUF 419			
	TC	CREEPING GERMANDER			

NOTE: REF. LP 0.01 FOR FULL PLANT SCHEDULE AND CODE TABLE







CONTINUOUS MULCH OR TURF, SEE PLANS. SEE DETAIL I FOR PLANTER MEDIANS ADJACENT TO PARKING

N.T.S.

						B
						DATE
						REVISIONS
						No.
			5301 SOUTHWEST PARKWAY, BUILDING 2, SUITE 100	AUSTIN, TX 78735 PHONF: 512–646–2237 FAX: 512–418–1791	MWW.KIMLEY-HORN.COM MWW.KIMLEY-HORN.COM MWW.KIMLEY-HORN.COM	C ZUZJ NIMLET-HUKN AND ASSUCIATES, INC. TBPE Firm No. 928
	04/21	ATE	NDSC K 2616 OF	STATINE THO	CONTECT & St	re
	KHA PROJECT 064495302	DATE APRIL 2023	SCALE: AS SHOWN	DESIGNED BY: BDD	DRAWN BY: BDD	снескер ву: МКD
			I ANDSCAPF DFTAILS			
		OUIBACK SIEAKHOUSE	4151 N IH 35	CITY OF ROUND ROCK	WILLIAMSON COUNTY, TEXAS	
2		^{SHEET} _Р	2	.0	0	

ENERAL LANDSCAPE SPECIFICATIONS AND NOTES A. SCOPE OF WORK	ETC ALL COST CONTRACTOR U CONTRACTOR S
1. THE WORK CONSISTS OF: FURNISHING ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT AS SHOWN	, , *WATERING/IRRI
ON THE DRAWINGS, AS INCLUDED IN THE PLANT LIST, AND AS HEREIN SPECIFIED.	G. FERTILIZER
 WORK SHALL INCLUDE MAINTENANCE AND WATERING OF ALL CONTRACT PLANTING AREAS UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER. B. PROTECTION OF EXISTING STRUCTURES 	CONTRACTOR S TYPE, PLANT INS ORGANIC OR OT
ALL EXISTING BUILDINGS, WALKS, WALLS, PAVING, PIPING, OTHER SITE CONSTRUCTION ITEMS, AND PLANTING ALREADY COMPLETED OR ESTABLISHED SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED. ALL DAMAGE RESULTING FROM NEGLIGENCE SHALL BE	*FERTILIZER RES
REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER, AT NO COST TO THE OWNER. C. PROTECTION OF EXISTING PLANT MATERIALS OUTSIDE LIMIT OF WORK	ALL PLANTING B BUILDING SOLUT BE FREE OF MAN
THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNAUTHORIZED CUTTING OR DAMAGE TO TREES AN SHRUBS EXISTING OR OTHERWISE, CAUSED BY CARELESS EQUIPMENT OPERATION, MATERIAL STOCKPILING, ETC. THIS SHALL INCLUDE COMPACTION BY DRIVING OR PARKING INSIDE THE DRIP-LINE	NO PARTICLE SI
AND SPILLING OIL, GASOLINE, OR OTHER DELETERIOUS MATERIALS WITHIN THE DRIP-LINE. NO MATERIAL SHALL BE BURNED WHERE HEAT WILL DAMAGE ANY PLANT. EXISTING TREES KILLED OR DAMAGED SO THAT THEY ARE MISSHAPEN AND/ OR UNSIGHTLY SHALL BE REPLACED AT THE COST TO THE CONTRACTOR OF ONE HUNDRED DOLLARS (\$100) PER CALIPER INCH ON AN ESCALATING SCALE WHICH ADDS AN ADDITIONAL TWENTY (20) PERCENT PER INCH OVER FOUR (4) INCHES CALIPER AS FIXED AND AGREED LIQUIDATED DAMAGES. CALIPER SHALL BE MEASURED SIX (6) INCHES ABOVE GROUND LEVEL	S 1. PROTECT RO FREEZING, AS PREVENT DAI NOT PLANTEL ANTITRANSPI
FOR TREES UP TO AND INCLUDING FOUR (4) INCHES IN CALIPER AND TWELVE (12) INCHES ABOVE GROUND LEVEL FOR TREES OVER FOUR (4) INCHES IN CALIPER. D. MATERIALS) 2. BALLED AND SUFFICIENT S MOVED WITH
1. GENERAL	AND BURLAP
MATERIALS LISTED BELOW SHALL BE SUBMITTED FOR APPROVAL. UPON SUBMITTALS' APPROVAL, DELIVERY OF MATERIALS MAY COMMENCE.	3. PLANTS MARI <u>AMERICAN ST</u> THE ROOTS E
MATERIALSUBMITTALMULCHPRODUCT DATATOPSOIL MIXAMENDMENT MIX/PRODUCT DATA/TEST RESULTSPLANTSPHOTOGRAPHS OF ONE (1) OF EACH SPECIES	4. PROTECTION CROWN OF T SPECIFIED AF PALM PLANTI
(OR TAGGED IN NURSERY) FERTILIZER PRODUCT DATA INNOCULANT PRODUCT DATA HERBICIDE PRODUCT DATA	5. EXCAVATION SURFACE ANI PREPARED SI
STAKING/GUYING FOR ALTERNATE TO DETAILS: SEND PRODUCT DATA, DETAIL	J. CONTAINER GROW
CLIENT-REQUESTED TAGGING MAY SUBSTITUTE PHOTOS. 2. PLANT MATERIALS INDICATE SIZES (HEIGHT/WIDTH) AND QUALITY PER SPEC.	1. ALL CONTAIN ESTABLISHED
2.a. PLANT SPECIES AND SIZE SHALL CONFORM TO THOSE INDICATED ON THE DRAWINGS. NOMENCLATURE SHALL CONFORM TO STANDARDIZED PLANT NAMES, 1942 EDITION. ALL NURSERY	ARE OF GOOI 2. AN ESTABLIS
STOCK SHALL BE IN ACCORDANCE WITH GRADES AND STANDARDS FOR NURSERY PLANTS, LATES EDITION, PUBLISHED BY THE AMERICAN STANDARD NURSERY STOCK. ALL PLANTS SHALL BE HEALTHY, VIGOROUS, SOUND, WELL-BRANCHED, AND FREE OF DISEASE AND INSECTS, INSECT EGGS AND LARVAE AND SHALL HAVE ADEQUATE ROOT SYSTEMS. TREES FOR PLANTING IN ROWS	
SHALL BE UNIFORM IN SIZE AND SHAPE. ALL MATERIALS SHALL BE SUBJECT TO APPROVAL BY THE OWNER. WHERE ANY REQUIREMENTS ARE OMITTED FROM THE PLANT LIST, THE PLANTS	
FURNISHED SHALL BE NORMAL FOR THE VARIETY. PLANTS SHALL BE PRUNED PRIOR TO DELIVER' ONLY WITH APPROVAL FROM OWNER OR OWNER'S REPRESENTATIVE. NO SUBSTITUTIONS SHALL BE MADE WITHOUT WRITTEN PERMISSION FROM THE OWNER'S REPRESENTATIVE.	CONTAINER O OWNER OR O
2.b. MEASUREMENTS: THE HEIGHT AND/OR WIDTH OF TREES SHALL BE MEASURED FROM THE GROUND OR ACROSS THE NORMAL SPREAD OF BRANCHES WITH THE PLANTS IN THEIR NORMAL POSITION. THIS MEASUREMENT SHALL NOT INCLUDE THE IMMEDIATE TERMINAL GROWTH. PLANTS LARGER II	
SIZE THAN THOSE SPECIFIED IN THE PLANT LIST MAY BE USED IF APPROVED BY THE OWNER. IF THE USE OF LARGER PLANTS IS APPROVED, THE BALL OF EARTH OR SPREAD OF ROOTS SHALL BE INCREASED IN PROPORTION TO THE SIZE OF THE PLANT.	REPRESENTATIN NEXT LARGER S L. NATIVE STOCK
2.c. INSPECTION: PLANTS SHALL BE SUBJECT TO INSPECTION AND APPROVAL AT THE PLACE OF GROWTH, OR UPON DELIVERY TO THE SITE, AS DETERMINED BY THE OWNER, FOR QUALITY, SIZE, AND VARIETY; SUCH APPROVAL SHALL NOT IMPAIR THE RIGHT OF INSPECTION AND REJECTION AT	PLANTS COLLEC THEY HAVE BEE
THE SITE DURING PROGRESS OF THE WORK OR AFTER COMPLETION FOR SIZE AND CONDITION OF ROOT BALLS OR ROOTS, LATENT DEFECTS OR INJURIES. REJECTED PLANTS SHALL BE REMOVED IMMEDIATELY FROM THE SITE. NOTICE REQUESTING INSPECTION SHALL BE SUBMITTED IN WRITING	NURSERY CULT ADEQUATE ROC
BY THE CONTRACTOR AT LEAST ONE (1) WEEK PRIOR TO ANTICIPATED DATE. E. SOIL MIXTURE (PLANTING MEDIUM, PLANTING MIX, TOPSOIL MIX)	M. MATERIALS LIST
1. ALL PLANTING BED PIT BACKFILL AREAS TO BE PREPARED USING COMPOST, SHARP SCREENED SAND AND EXPANDED SHALE BY SOIL BUILDING SOLUTIONS, LIVING EARTH, OR APPROVED EQUAL. TILL SOIL AMENDMENTS INTO EXISTING SOIL TO DEPTHS PER PLANTING DETAILS (12" DEPTH MIN). FINISHED	QUANTITIES NEO CONTRACTOR. (OWNER ASSUME THE PLANS AND
GRADES OF PLANTING BEDS TO BE 1" BELOW FINISHED GRADE OF ADJACENT CONCRETE MOW STRIP OR AS SHOWN ON GRADING PLAN. PLANTING BED PIT SOIL SHALL BE A MIXTURE OF APPROXIMATELY 50% WEED-FREE EXISTING SOIL, 35% COMPOST, 10% EXPANDED SHALE, AND 5% SCREENED SHARP SAND. 98.5% OF THE PLANTING BED PIT SOIL PARTICLES WILL PASS THROUGH A 1/2 INCH SCREEN AND	CLARIFICATION THE MINIMUM A N. FINE GRADING
99% OR MORE SHALL PASS THROUGH A 3/4 INCH SCREEN. COLOR TO BE A MEDIUM BROWN WITH A WEIGHT OF 1900-2250 LBS. PER CUBIC YARD (DEPENDING ON THE MOISTURE CONTENT).2. ALL SOD AND SEED AREAS TO BE PREPARED USING COMPOST AND SHARP SCREENED SAND, BY SOIL	1. FINE GRADIN PLANTING AF DRAWINGS S
BUILDING SOLUTIONS, LIVING EARTH, OR APPROVED EQUAL. TILL SOIL AMENDMENTS INTO EXISTING SOIL TO DEPTHS PER PLANTING DETAILS (4" DEPTH MIN.). TOPSOIL SHALL BE A MIXTURE OF APPROXIMATELY 50% WEED-FREE EXISTING SOIL, 40% COMPOST, AND 10% SHARP SCREENED SAND. TOPSOIL SHALL BE NATURAL, FRIABLE, FERTILE, pH RANGE OF 6.0-6.5 WITH 25% (MIN) ORGANIC	2. THE CONTRA UP TO FINAL CONTRACTO
MATERIAL, AND FREE OF TRASH, DEBRIS, STONES, WEEDS AND TWIGS/BRANCHES. THE PARTICLE SIZE SHALL BE SUCH THAT 98.5% OF THE TOPSOIL WILL PASS THROUGH A 1/2 INCH SCREEN AND 99% OR MORE SHALL PASS THROUGH A 3/4 INCH SCREEN. TOPSOIL SHALL BE REVIEWED/APPROVED BY OWNER/LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. CONTRACTOR TO SUBMIT SAMPLES IN 1 GAL	3. ALL PLANTIN SURFACE/SU
(MIN) CONTAINER.3. THE CONTRACTOR SHALL REESTABLISH ANY ADDITIONAL DISTURBED AREAS NOT SHOWN ON THE PLANS WITH A FULL COVERING OF SOD OR SEED. THE CONTRACTOR SHALL PROVIDE 4" DEPTH (MIN)	FROM THE BU
PREPARED TOPSOIL IN ALL AREAS TO RECEIVE SEED OR SOD AT NO ADDITIONAL COST. 4. TREE PLANTING PITS SHALL BE BACKFILLED WITH COMPOST BY SOIL BUILDING SOLUTIONS, LIVING	1. CLEANING UF SURROUNDIN TOXIC MATEF SHALL NOT B
EARTH OR APPROVED EQUAL AND NATIVE SOIL. THE TOP 1/3 OF EACH TREE PIT SHALL RECEIVE BACKFILL MATERIAL OF 80% WEED FREE NATIVE SOIL AND 20% COMPOST. THE BOTTOM 2/3 OF EACH TREE PIT SHALL RECEIVE BACKFILL MATERIAL OF 100% WEED FREE NATIVE SOIL.	BENEATH THI IMMEDIATELY BEFORE PLAI
5. EXISTING SOIL USED IN PLANT BACKFILL AND TOPSOIL PREP SHALL BE REASONABLY FREE OF STONES LIME, LUMPS OF CLAY, ROOTS AND OTHER FOREIGN MATTER. EXISTING SOIL SHALL HAVE A MINIMUM ORGANIC COMPOSITION OF 25% AND THE ACIDITY SHALL BE BETWEEN 5.0 AND 7.0 pH. CONTRACTOR SHALL SUBMIT A 1 GAL. MINIMUM SAMPLE OF THE EXISTING SOIL TO AN APPROVED TESTING FACILITY TO VERIFY COMPOSITION, ACIDITY AND ORGANIC CONTENT.	2. VERIFY LOCA LIMITED TO: CABLE, AND
 IF SOIL FAILS TO ACHIEVE THE AFOREMENTIONED pH AND ORGANIC COMPOSITION QUANTITIES, THE CONTRACTOR SHALL TILL AN ADEQUATE AMOUNT OF COMPOST IN TO THE EXISTING SOIL UNTIL IT MEETS THE REQUIREMENTS PRIOR TO COMBINING WITH OTHER SPECIFIED SOIL AMENDMENTS. 	ONE CALL - 8 3. SUBGRADE E ROCK AND RO
7. CONTRACTOR TO SUBMIT SAMPLES OF SOIL MIXTURE AND AMENDMENTS FOR OWNER'S REPRESENTATIVE APPROVAL PRIOR TO PLANT INSTALLATION OPERATIONS COMMENCE.	CONTRACTOR WITH CLEAN ADVERSE CO AND ADEQUA
8. WHERE LIME STABILIZED SOIL IS ENCOUNTERED, LAWN AREAS SHALL BE EXCAVATED TO A DEPTH OF 12", PLANT BEDS SHALL BE EXCAVATED TO A DEPTH OF 24", AND TREE PITS SHALL BE EXCAVATED TO A DEPTH OF 36", AND BACKFILLED WITH CLEAN NATIVE SOIL (E.5) AND APPROVED PLANTING SOIL (E.1-4).	4. FURNISH NUF AND REQUIR
F. WATER WATER NECESSARY FOR PLANTING AND MAINTENANCE SHALL BE OF SATISFACTORY QUALITY TO SUSTAI	
AN ADEQUATE PLANT GROWTH AND SHALL NOT CONTAIN HARMFUL, NATURAL OR MAN-MADE ELEMENTS DETRIMENTAL TO PLANTS. WATER MEETING THE ABOVE STANDARD SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE OBTAINED ON THE SITE, IF AVAILABLE, AND THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE ARRANGEMENTS FOR ITS USE BY HIS TANKS, HOSES, SPRINKLERS,	GOVERNING I

TER SUPPLY AND WATERING SHALL BE THE RESPONSIBILITY OF THE L ACCEPTANCE. IF SUCH WATER IS NOT AVAILABLE AT THE SITE, THE VIDE SATISFACTORY WATER FROM SOURCES OFF THE SITE AT NO ADDITIONAL

ESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

VIDE FERTILIZER APPLICATION SCHEDULE TO OWNER, AS APPLICABLE TO SOIL IN TYPE, AND SITE'S PROPOSED USE. SUGGESTED FERTILIZER TYPES SHALL BE NATURALLY-DERIVED.

IS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

TOP DRESSED WITH A MINIMUM OF 3" "RUSTIC CUT HARDWOOD MULCH" BY SOIL LIVING EARTH (OR APPROVED EQUAL) WITH A pH RANGE OF 6.5-8.5 AND SHALL DREIGN MATTER, LUMBER, TREATED MATERIALS, PALLETS, GRASS AND LEAVES. D EXCEED 3.5" IN LENGTH.

OOT BALLS OF PLANTS AT ALL TIMES FROM SUN, DRYING WINDS, WATER AND ARY UNTIL PLANTING. PLANT MATERIALS SHALL BE ADEQUATELY PACKED TO RING TRANSIT. TREES TRANSPORTED MORE THAN TEN (10) MILES OR WHICH ARE THREE (3) DAYS OF DELIVERY TO SITE SHALL BE SPRAYED WITH AN DOUCT ("WILTPRUF" OR EQUAL) TO MINIMIZE TRANSPIRATIONAL WATER LOSS.

ED PLANTS (B&B) SHALL BE DUG WITH FIRM, NATURAL BALLS OF SOIL OF ICOMPASS THE FIBROUS AND FEEDING ROOTS OF THE PLANTS. NO PLANTS ALL SHALL BE PLANTED IF THE BALL IS CRACKED OR BROKEN. PLANTS BALLED ONTAINER GROWN SHALL NOT BE HANDLED BY STEMS.

I THE PLANT LIST SHALL BE DUG WITH BARE ROOTS, COMPLYING WITH OR NURSERY PLANTS, CURRENT EDITION. CARE SHALL BE EXERCISED THAT Y OUT DURING TRANSPORTATION AND PRIOR TO PLANTING.

S (IF APPLICABLE): ONLY A MIN. OF FRONDS SHALL BE REMOVED FROM THE REES TO FACILITATE MOVING AND HANDLING. CLEAR TRUNK (CT) SHALL BE AS MIN. OF FRONDS HAVE BEEN REMOVED. ALL PALMS SHALL BE BRACED PER

PITS SHALL BE PERFORMED USING EXTREME CARE TO AVOID DAMAGE TO FACE ELEMENTS SUCH AS UTILITIES, HARDSCAPE ELEMENTS, FOOTERS AND

N MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL-ROOTED PLANTS ONTAINER IN WHICH THEY ARE SOLD. THE PLANTS SHALL HAVE TOPS WHICH AND ARE IN A HEALTHY GROWING CONDITION.

AINER GROWN PLANT SHALL BE TRANSPLANTED INTO A CONTAINER AND AINER SUFFICIENTLY LONG FOR THE NEW FIBROUS ROOTS TO HAVE DEVELOPED SS WILL RETAIN ITS SHAPE AND HOLD TOGETHER WHEN REMOVED FROM THE ER GROWN STOCK SHALL NOT BE HANDLED BY THEIR STEMS.

N CONTAINERS ARE NOT ACCEPTABLE.

-CONTAINER GROWN MATERIAL FOR MATERIAL EXPLICITLY SPECIFIED TO BE LL NOT BE PERMITTED WITHOUT WRITTEN APPROVAL IS OBTAINED FROM THE EPRESENTATIVE.

CTED STOCK IS PERMITTED AS INDICATED BY THE OWNER OR OWNER'S NIMUM SIZES OF ROOTBALLS SHALL BE EQUAL TO THAT SPECIFIED FOR THE RSERY GROWN STOCK OF THE SAME VARIETY.

I WILD OR NATIVE STANDS SHALL BE CONSIDERED NURSERY GROWN WHEN SFULLY RE-ESTABLISHED IN A NURSERY ROW AND GROWN UNDER REGULAR CTICES FOR A MINIMUM OF TWO (2) GROWING SEASONS AND HAVE ATTAINED P GROWTH TO INDICATE FULL RECOVERY FROM TRANSPLANTING INTO THE

TO COMPLETE THE WORK ON THE DRAWINGS SHALL BE FURNISHED BY THE ESTIMATES HAVE BEEN MADE CAREFULLY, BUT THE LANDSCAPE ARCHITECT OR BILITY FOR OMISSIONS OR ERRORS. SHOULD A DISCREPANCY OCCUR BETWEEN IT LIST QUANTITY, THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED FOR BIDDING OR INSTALLATION. ALL DIMENSIONS AND/OR SIZES SPECIFIED SHALL BE

THIS CONTRACT SHALL CONSIST OF FINAL FINISHED GRADING OF LAWN AND HAVE BEEN ROUGH GRADED BY OTHERS. BERMING AS SHOWN ON THE HE RESPONSIBILITY OF THE CONTRACTOR, UNLESS OTHERWISE NOTED.

ALL FINE GRADE THE LAWN AND PLANTING AREAS TO BRING THE ROUGH GRADE GRADE ALLOWING FOR THICKNESS OF SOD AND/OR MULCH DEPTH. THIS INE GRADE BY HAND AND/OR WITH ALL EQUIPMENT NECESSARY INCLUDING A TH FRONT-END LOADER FOR TRANSPORTING SOIL WITHIN THE SITE.

SHALL BE GRADED AND MAINTAINED FOR POSITIVE DRAINAGE TO E STORM DRAIN SYSTEMS. AREAS ADJACENT TO BUILDINGS SHALL SLOPE AWAY REFER TO CIVIL ENGINEER'S PLANS FOR FINAL GRADES.

COMMENCING WORK: THE CONTRACTOR SHALL CLEAN WORK AND OF ALL RUBBISH OR OBJECTIONABLE MATTER. ALL MORTAR, CEMENT, AND BE REMOVED FROM THE SURFACE OF ALL PLANT BEDS. THESE MATERIALS VITH THE SOIL. SHOULD THE CONTRACTOR FIND SUCH SOIL CONDITIONS ICH WILL IN ANY WAY ADVERSELY AFFECT THE PLANT GROWTH, HE SHALL O THE ATTENTION OF THE OWNER'S REPRESENTATIVE. FAILURE TO DO SO ALL MAKE THE CORRECTIVE MEASURES THE RESPONSIBILITY OF THE

ALL UTILITIES, CONDUITS, SUPPLY LINES AND CABLES, INCLUDING BUT NOT, GAS (LINES AND TANKS), WATER, SANITARY SEWER, STORMWATER SYSTEMS, E. PROPERLY MAINTAIN AND PROTECT EXISTING UTILITIES. CALL NATIONAL CATE UTILITIES.

N: CONTRACTOR IS RESPONSIBLE TO REMOVE ALL EXISTING AND IMPORTED BASE FROM ALL LANDSCAPE PLANTING AREAS TO A MINIMUM DEPTH OF 36". ONSIBLE TO BACKFILL THESE PLANTING AREAS TO ROUGH FINISHED GRADE ROM AN ON-SITE SOURCE OR AN IMPORTED SOURCE. IF ROCK OR OTHER OCCUR IN PLANTED AREAS AFTER 36" DEEP EXCAVATION BY THE CONTRACTOR, DLATION CAN NOT BE ACHIEVED, CONTRACTOR SHALL UTILIZE PLANTING DETAIL R DRAINAGE.

ERTIFICATE OF COMPLIANCE WITH ALL REQUIREMENTS AS HEREIN SPECIFIED CT AND SELECT PLANT MATERIALS BEFORE PLANTS ARE DUG AT

TH APPLICABLE FEDERAL, STATE, COUNTY, AND LOCAL REGULATIONS PE MATERIALS AND WORK. CONFORM TO ACCEPTED HORTICULTURAL I THE TRADE. UPON ARRIVAL AT THE SITE , PLANTS SHALL BE THOROUGHLY RLY MAINTAINED UNTIL PLANTED. PLANTS STORED ON-SITE SHALL NOT REMAIN RIOD EXCEEDING TWENTY-FOUR (24) HOURS. AT ALL TIMES, METHODS CUSTOMARY IN GOOD HORTICULTURAL PRACTICES SHALL BE EXERCISED.

- 6. THE WORK SHALL BE COORDINATED WITH OTHER TRADES TO PREVENT CONFLICTS. COORDINATE PLANTING WITH IRRIGATION WORK TO ASSURE AVAILABILITY OF WATER AND PROPER LOCATION OF IRRIGATION APPURTENANCES AND PLANTS.
- 7. ALL PLANTING PITS SHALL BE EXCAVATED TO SIZE AND DEPTH IN ACCORDANCE WITH THE AMERICAN STANDARD FOR NURSERY STOCK, UNLESS SHOWN OTHERWISE ON THE DRAWINGS, AND BACKFILLED WITH THE PREPARED PLANTING SOIL MIXTURE AS SPECIFIED IN SECTION E. TEST ALL TREE PITS WITH WATER BEFORE PLANTING TO ASSURE PROPER DRAINAGE PERCOLATION IS AVAILABLE. NO ALLOWANCE WILL BE MADE FOR LOST PLANTS DUE TO IMPROPER PERCOLATION. IF POOR PERCOLATION EXISTS, UTILIZE "POOR DRAINAGE CONDITION" PLANTING DETAIL. TREES SHALL BE SET PLUMB AND HELD IN POSITION UNTIL THE PLANTING MIXTURE HAS BEEN FLUSHED INTO PLACE WITH A SLOW, FULL HOSE STREAM. ALL PLANTING SHALL BE PERFORMED BY PERSONNEL FAMILIAR WITH PLANTING PROCEDURES AND UNDER THE SUPERVISION OF A QUALIFIED LANDSCAPE FOREMAN.
- 8. TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO BUILDINGS AND BUILDING STRUCTURES WHILE INSTALLING TREES.
- 9. SOIL MIXTURE SHALL BE AS SPECIFIED IN SECTION E OF THESE SPECIFICATIONS.
- 10. TREES SHALL BE SET WITH ROOT BALL CENTERED IN PLANTING PIT WITH ROOT FLARE 2" ABOVE ADJACENT SOIL ELEVATION. SHRUBS SHALL BE SET STRAIGHT AT AN ELEVATION THAT, AFTER SETTLEMENT, THE TOP OF ROOT BALL SHALL BE EVEN WITH TOP OF PLANTING BED. PLANTING SOIL MIXTURE SHALL BE BACKFILLED, THOROUGHLY TAMPED AROUND THE BALL, AND SETTLED BY WATER (AFTER TAMPING).
- 11. AMEND PINE AND OAK PLANT PITS WITH ECTOMYCORRHIZAL SOIL APPLICATION PER MANUFACTURER'S RECOMMENDATION. ALL OTHER PLANT PITS SHALL BE AMENDED WITH ENDOMYCORRHIZAL SOIL APPLICATION PER MANUFACTURER'S RECOMMENDATION. PROVIDE PRODUCT INFORMATION SUBMITTAL FOR SOILNOC SRT ADVANCED MYCORRHIZAL INOCULUM (OR EQUAL) PRIOR TO INOCULATION.
- 12. FILL HOLE WITH SOIL MIXTURE, MAKING CERTAIN ALL SOIL IS SATURATED. TO DO THIS, FILL HOLE WITH WATER AND ALLOW TO SOAK MINIMUM TWENTY (20) MINUTES, STIRRING IF NECESSARY TO GET SOIL THOROUGHLY WET. PACK LIGHTLY WITH FEET. ADD MORE WET SOIL MIXTURE. DO NOT COVER TOP OF BALL WITH SOIL MIXTURE, ONLY WITH MULCH. ALL BURLAP, ROPE, WIRES, BASKETS, ETC., SHALL BE REMOVED FROM THE SIDES AND TOPS OF BALLS, BUT NO BURLAP SHALL BE PULLED FROM UNDERNEATH.
- 13. PRUNING: TREES SHALL BE PRUNED, AT THE DIRECTION OF THE OWNER OR OWNER'S REPRESENTATIVE, TO PRESERVE THE NATURAL CHARACTER OF THE PLANT. ALL SOFT WOOD OR SUCKER GROWTH AND ALL BROKEN OR BADLY DAMAGED BRANCHES SHALL BE REMOVED WITH A CLEAN CUT. ALL PRUNING TO BE PERFORMED BY LICENSED ARBORIST, IN ACCORDANCE WITH ANSI A-300.
- 14. SHRUBS AND GROUND COVER PLANTS SHALL BE EVENLY SPACED IN ACCORDANCE WITH THE DRAWINGS AND AS INDICATED ON THE PLANT LIST. CULTIVATE ALL PLANTING AREAS TO A MINIMUM DEPTH OF 12", REMOVE AND DISPOSE ALL DEBRIS AND MIX TO ACHIEVE SOIL MIXTURE AS SPECIFIED IN SECTION E. THOROUGHLY WATER ALL PLANTS AFTER INSTALLATION.
- 15. TREE GUYING AND BRACING SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THE PLANS TO INSURE STABILITY AND MAINTAIN TREES IN AN UPRIGHT POSITION. IF THE CONTRACTOR AND OWNER DECIDE TO WAIVE THE TREE GUYING AND BRACING, THE OWNER SHALL NOTIFY THE LANDSCAPE ARCHITECT IN WRITING AND AGREE TO INDEMNIFY AND HOLD HARMLESS THE LANDSCAPE ARCHITECT IN THE EVENT UNSUPPORTED TREES PLANTED UNDER THIS CONTRACT FALL AND DAMAGE PERSON OR PROPERTY.
- 16.MULCHING: PROVIDE A THREE INCH (MINIMUM) LAYER OF SPECIFIED MULCH OVER THE ENTIRE AREA OF EACH SHRUB BED, GROUND COVER, VINE BED, AND TREE PIT PLANTED UNDER THIS CONTRACT.
- 17. HERBICIDE WEED CONTROL: ALL PLANT BEDS SHALL BE KEPT FREE OF NOXIOUS WEEDS UNTIL FINAL ACCEPTANCE OF WORK. IF DIRECTED BY THE OWNER, "ROUND-UP" SHALL BE APPLIED FOR WEED CONTROL BY QUALIFIED PERSONNEL TO ALL PLANTING AREAS IN SPOT APPLICATIONS PER MANUFACTURER'S PRECAUTIONS AND SPECIFICATIONS. PRIOR TO FINAL INSPECTION, TREAT ALL PLANTING BEDS WITH AN APPROVED PRE-EMERGENT HERBICIDE AT AN APPLICATION RATE RECOMMENDED BY THE MANUFACTURER. (AS ALLOWED BY JURISDICTIONAL AUTHORITY)

P. LAWN SODDING/SEEDING

- THE WORK CONSISTS OF LAWN BED PREPARATION, SOIL PREPARATION, AND SODDING COMPLETE, IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND THE APPLICABLE DRAWINGS TO PRODUCE A TURF GRASS LAWN ACCEPTABLE TO THE OWNER.
- 2. LAWN BED PREPARATION: ALL AREAS THAT ARE TO BE SODDED SHALL BE CLEARED OF ANY ROUGH GRASS, WEEDS, DEBRIS, HAVE SOIL PREPARED PER SECTION E, AND THE GROUND BROUGHT TO AN EVEN GRADE. THE ENTIRE SURFACE SHALL BE ROLLED WITH A ROLLER WEIGHING NOT MORE THAN ONE-HUNDRED (100) POUNDS PER FOOT OF WIDTH. DURING THE ROLLING, ALL DEPRESSIONS CAUSED BY SETTLEMENT SHALL BE FILLED WITH ADDITIONAL SOIL, AND THE SURFACE SHALL BE REGRADED AND ROLLED UNTIL PRESENTING A SMOOTH AND EVEN FINISH TO THE REQUIRED GRADE.

3. SOIL PREPARATION: ALL SOIL TO BE PREPARED PER SECTION E.

- 4. SODDING:
- 4.a. THE CONTRACTOR SHALL SOD ALL AREAS THAT ARE NOT PAVED OR PLANTED AS DESIGNATED ON THE DRAWINGS WITHIN THE CONTRACT LIMITS, UNLESS SPECIFICALLY NOTED OTHERWISE.
- 4.b. THE SOD SHALL BE CERTIFIED TO MEET AMERICAN STANDARD FOR NURSERY STOCK SPECIFICATIONS, ABSOLUTELY TRUE TO VARIETAL TYPE, AND FREE FROM WEEDS, FUNGUS, INSECTS AND DISEASE OF ANY KIND.
- 4.c. SOD PANELS SHALL BE LAID TIGHTLY TOGETHER SO AS TO MAKE A SOLID SODDED LAWN AREA. SOD SHALL BE LAID UNIFORMLY AGAINST THE EDGES OF ALL CURBS AND OTHER HARDSCAPE ELEMENTS, PAVED AND PLANTED AREAS. ADJACENT TO BUILDINGS, A 24 INCH STONE / MULCH STRIP SHALL BE PROVIDED - REFER TO DETAILS. IMMEDIATELY FOLLOWING SOD LAYING, THE LAWN AREAS SHALL BE ROLLED WITH A LAWN ROLLER CUSTOMARILY USED FOR SUCH PURPOSES, AND THEN THOROUGHLY IRRIGATED. IF, IN THE OPINION OF THE OWNER, TOP-DRESSING IS NECESSARY AFTER ROLLING TO FILL THE VOIDS BETWEEN THE SOD PANELS AND TO EVEN OUT INCONSISTENCIES IN THE SOD, CLEAN SAND, AS APPROVED BY THE OWNER'S REPRESENTATIVE, SHALL BE UNIFORMLY SPREAD OVER THE ENTIRE SURFACE OF THE SOD AND THOROUGHLY WATERED IN. FERTILIZE INSTALLED SOD AS ALLOWED BY PROPERTY'S JURISDICTIONAL AUTHORITY.
- 4.d. CONTRACTOR SHALL REFERENCE PLANTING SCHEDULE FOR SEEDING VARIETY AND RATES.
- 4.e. IF SEED INSTALLATION FALLS BETWEEN SEPTEMBER 16TH AND MARCH 14TH, THE CONTRACTOR SHALL INSTALL EITHER SOD OR A COLD SEASON VARIETY SEED MIX, SUCH AS WINTER RYE. IF A COOL SEASON VARIETY MIX IS INSTALLED BETWEEN SEPTEMBER 16TH AND MARCH 14TH, THE CONTRACTOR SHALL RESEED THE AREA WITH THE ORIGINAL SPECIFIED SEED MIX PER THE PLANS AND SPECIFICATIONS BETWEEN MARCH 15TH AND SEPTEMBER 15TH.
- 4.f. DURING DELIVERY, PRIOR TO, AND DURING THE PLANTING OF THE LAWN AREAS, THE SOD PANELS SHALL AT ALL TIMES BE PROTECTED FROM EXCESSIVE DRYING AND UNNECESSARY EXPOSURE OF THE ROOTS TO THE SUN. ALL SOD SHALL BE STACKED SO AS NOT TO BE DAMAGED BY SWEATING OR EXCESSIVE HEAT AND MOISTURE.

5. LAWN MAINTENANCE:

- 5.a. WITHIN THE CONTRACT LIMITS, THE CONTRACTOR SHALL PRODUCE A DENSE, WELL ESTABLISHED LAWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND RE-SODDING OF ALL ERODED, SUNKEN OR BARE SPOTS (LARGER THAN 12"X12") UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE. REPAIRED SODDING SHALL BE ACCOMPLISHED AS IN THE ORIGINAL WORK (INCLUDING REGRADING IF NECESSARY).
- 5.b. CONTRACTOR RESPONSIBLE FOR ESTABLISHING AND MAINTAINING SOD/LAWN UNTIL ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. PRIOR TO AND UPON ACCEPTANCE, CONTRACTOR TO PROVIDE WATERING/IRRIGATION SCHEDULE TO OWNER. OBSERVE ALL APPLICABLE WATERING RESTRICTIONS AS SET FORTH BY THE PROPERTY'S JURISDICTIONAL AUTHORITY.
- 5.c. CONTRACTOR SHALL REESTABLISH 95% (MIN) COVERAGE FOR ALL DISTURBED AREAS OF VEGETATION WITHIN 60 DAYS OF SUBSTANTIAL COMPLETION. CONTRACTOR SHALL PROVIDE SEED AND/OR SOD THAT MATCHES THE ADJACENT LAWN AREA.

Q. CLEANUP

UPON COMPLETION OF ALL PLANTING WORK AND BEFORE AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM HIS WORK. ALL PAVED AREAS SHALL BE BROOM-CLEANED AND THE SITE LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE.

R. PLANT MATERIAL MAINTENANCE

ALL PLANTS AND PLANTING INCLUDED UNDER THIS CONTRACT SHALL BE MAINTAINED BY WATERING, CULTIVATING, SPRAYING, AND ALL OTHER OPERATIONS (SUCH AS RE-STAKING OR REPAIRING GUY SUPPORTS) NECESSARY TO INSURE A HEALTHY PLANT CONDITION BY THE CONTRACTOR UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE. MAINTENANCE AFTER THE CERTIFICATION OF ACCEPTABILITY SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS IN THIS SECTION. CONTRACTORS ARE REQUESTED TO PROVIDE A BID ESTIMATE TO COVER LANDSCAPE AND IRRIGATION MAINTENANCE FOR A PERIOD OF 90 CALENDAR DAYS COMMENCING AFTER ACCEPTANCE.

S. MAINTENANCE (ALTERNATE BID ITEM)

CONTRACTORS ARE REQUESTED TO PROVIDE A BID ESTIMATE FOR MAINTENANCE FOLLOWING THE INITIAL 90-DAY MAINTENANCE PERIOD ON A COST-PER-MONTH BASIS.

T. FINAL INSPECTION AND ACCEPTANCE OF WORK

FINAL INSPECTION AT THE END OF THE WARRANTY PERIOD SHALL BE ON PLANTING, CONSTRUCTION AND ALL OTHER INCIDENTAL WORK PERTAINING TO THIS CONTRACT. ANY REPLACEMENT AT THIS TIME SHALL BE SUBJECT TO THE SAME ONE (1) YEAR WARRANTY (OR AS SPECIFIED BY THE LANDSCAPE ARCHITECT OR OWNER IN WRITING) BEGINNING WITH THE TIME OF REPLACEMENT AND ENDING WITH THE SAME INSPECTION AND ACCEPTANCE HEREIN DESCRIBED.

U. WARRANTY

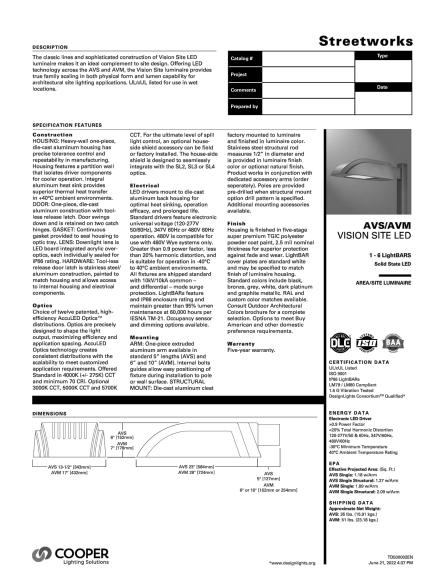
- 1. THE LIFE AND SATISFACTORY CONDITION OF ALL 1 GALLON AND LARGER PLANT MATERIAL INSTALLED BY THE LANDSCAPE CONTRACTOR SHALL BE WARRANTED BY THE CONTRACTOR FOR A MINIMUM OF ONE (1) CALENDAR YEAR COMMENCING AT THE TIME OF CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE.
- 2. THE LIFE AND SATISFACTORY CONDITION OF ALL OTHER PLANT MATERIAL (INCLUDING SOD) INSTALLED BY THE LANDSCAPE CONTRACTOR SHALL BE WARRANTED BY THE CONTRACTOR FOR A MINIMUM OF ONE (1) CALENDAR YEAR COMMENCING AT THE TIME OF CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE.
- 3. REPLACEMENT: ANY PLANT NOT FOUND IN A HEALTHY GROWING CONDITION AT THE END OF THE WARRANTY PERIOD SHALL BE REMOVED FROM THE SITE AND REPLACED AS SOON AS WEATHER CONDITIONS PERMIT. ALL REPLACEMENTS SHALL BE PLANTS OF THE SAME KIND AND SIZE AS SPECIFIED IN THE PLANT LIST. THEY SHALL BE FURNISHED PLANTED AND MULCHED AS SPECIFIED UNDER "PLANTING", AT NO ADDITIONAL COST TO THE OWNER.
- 4. IN THE EVENT THE OWNER DOES NOT CONTRACT WITH THE CONTRACTOR FOR LANDSCAPE (AND IRRIGATION) MAINTENANCE, THE CONTRACTOR IS ENCOURAGED TO VISIT THE PROJECT SITE PERIODICALLY DURING THE ONE YEAR WARRANTY PERIOD TO EVALUATE MAINTENANCE PROCEDURES BEING PERFORMED BY THE OWNER, AND SHALL NOTIFY THE OWNER IN WRITING OF MAINTENANCE PROCEDURES OR CONDITIONS WHICH THREATEN VIGOROUS AND HEALTHY PLANT GROWTH. IT IS SUGGESTED SUCH SITE VISITS SHALL BE CONDUCTED A MINIMUM OF ONCE PER MONTH FOR A PERIOD OF TWELVE (12) MONTHS FROM THE DATE OF ACCEPTANCE.

						DATE BY
						REVISIONS
						No.
			5301 SOUTHWEST PARKWAY, BUILDING 2, SUITE 100	AUSTIN, TX 78735 PHONE: 512–646–2237 FAX: 512–418–1791	C 2023 VIMIEY-HORN.COM	TBPE Firm No. 928
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	KHA PROJECT 064495302	DATE APRIL 2023	SCALE: AS SHOWN	DESIGNED BY: BDD	DRAWN BY: BDD	снескер ву: МКD
		IANDSCAPE		SPECIFICATIONS		
		OUIBACK SIEAKHOUSE	4151 N IH 35	CITY OF ROUND ROCK	WILLIAMSON COUNTY, TEXAS	
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Calculation Summary							
Label	Units	Avg	Max	Min	Avg/Min	Max/Min	Description
BBI PARKING AREA	Fc	2.19	5.4	0.1	21.90	54.00	FC TAKEN AT GRADE

	PROPERTY LINE
W	PROPOSED WATER LINE
W	EXISTING WATER LINE
WW	PROPOSED WASTEWATER LINE
WW	EXISTING WASTEWATER LINE
UGE	PROPOSED UNDER GROUND ELECTRIC
	PROPOSED STORM LINE
	EXISTING STORM LINE
-Q-	EXISTING FIRE HYDRANT
-Q-	PROPOSED FIRE HYDRANT
	PROPOSED STORM MANHOLE
	EXISTING WASTEWATER MANHOLE

Luminaire Schedule					
Symbol	Label	Qty	Part Number		
	S3A	1	AVM-E04-LED-E-U-5WQ-BZ		
×	S2-A	1	AVM-E04-LED-E-U-5WQ-BZ		
	S1-A	5	AVM-E04-LED-E-U-5WQ-BZ		
\otimes	E2	2	RETROFITTED LED LAMP-LED80ED23.5/740		
	E1	3	RETROFITTED LED LAMP-LED80ED23.5/740		



Number of Li	ghtBARs		E01		E02		E03		E04	E05	E06
Drive Current							3	50mA Driv	re Current		
Power (Watts)		25W		52W		75W		97W	127W	150W
Current @ 12	0V (A)		0.22		0.44		0.63		0.82	1.07	1.26
Current @ 27	7V (A)		0.10		0.20		0.28		0.36	0.48	0.56
Power (Watts)		31W		58W		82W		99W	132W	159W
Current @ 34	7V (A)		0.11		0.19		0.28		0.29	0.39	0.48
Current @480	IV (A)		0.09		0.15		0.20		0.21	0.30	0.36
T2	Lumens		3,064		6,128		9,192		12,255	15,319	18,383
14	BUG Ratin	9	B1-U0-G1		B2-U0-G2		B2-U0-0	12	B3-U0-G3	B3-U0-G3	B3-U0-G3
Т3	Lumens		3,084		6,168		9,252		12,336	15,420	18,504
13	BUG Ratin	9	B1-U0-G1		B2-U0-G2		B3-U0-G	13	B3-U0-G3	B3-U0-G3	B3-U0-G3
	Lumens		3,022		6,044		9,066		12,088	15,110	18,132
т4	BUG Ratin	3	B1-U0-G1		B1-U0-G2		B2-U0-0	12	B2-U0-G2	B2-U0-G3	B3-U0-G3
	Lumens		3,224		6,448		9,672		12,896	16,120	19,344
5MQ	BUG Ratin	3	B2-U0-G1	1	B3-U0-G1		B3-U0-G	12	B4-U0-G2	B4-U0-G2	B4-U0-G2
	Lumens		3,184		6,368		9,551		12,735	15,919	19,103
5WQ.	BUG Ratin	9	B2-U0-G1		B3-U0-G1		B4-U0-G2		B4-U0-G2	B4-U0-G2	B5-U0-G3
5XQ	Lumens		3,181		6,361		9,542		12,722	15,903	19,083
580	BUG Ratin	3	B2-U0-G2	2	B3-U0-G2		B3-U0-G	13	B4-U0-G3	B4-U0-G4	B4-U0-G4
SL2	Lumens		3,055		6,110		9,165		12,220	15,275	18,331
OLZ	BUG Ratin	3	B1-U0-G1		B1-U0-G2		B2-U0-G	12	B2-U0-G2	B3-U0-G3	B3-U0-G3
SL3	Lumens		3,036		6,072		9,108		12,145	15,181	18,217
3L3	BUG Ratin	3	B1-U0-G1		B1-U0-G2		B2-U0-G	12	B2-U0-G2	B2-U0-G3	B3-U0-G3
SL4	Lumens		2,954		5,908		8,862		11,816	14,771	17,725
314	BUG Ratin	3	B1-U0-G1		B1-U0-G2		B2-U0-G	i2	B2-U0-G2	B2-U0-G3	B3-U0-G3
RW	Lumens		3,124		6,248		9,372		12,496	15,620	18,744
	BUG Ratin	3	B2-U0-G2	2	B3-U0-G3		B3-U0-G3		B4-U0-G4	B4-U0-G4	B4-U0-G4
SLL/SLR	Lumens		2,782		5,565		8,347		11,130	13,912	16,695
oll/olk	BUG Ratin	3	B1-U0-G1		B1-U0-G2		B1-U0-G	13	B2-U0-G3	B2-U0-G3	B2-U0-G4
LUMEN MAI	25,000	50,000	60,000	100,000	Theoretical L70	!	LUMEN MUL	Lumen	7		
Temperature	Hours*	Hours*	Hours*	Hours	(Hours)		Temperature	Multiplie	r		
25°C 40°C	> 99%	> 97%	> 96%	> 93%	> 450,000		10°C	1.02	-		
40°C	> 98%	> 97%	> 96%	> 92%	> 425,000	-	15°C 25°C	1.01	_		

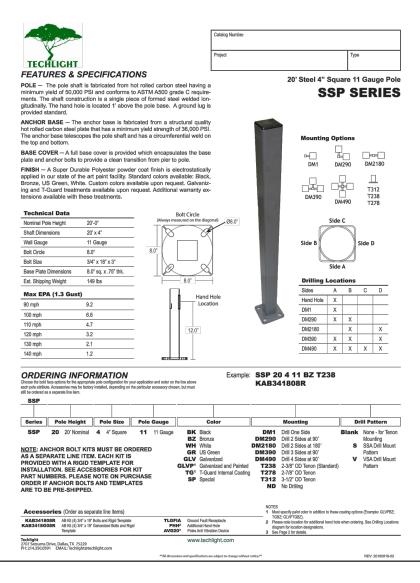
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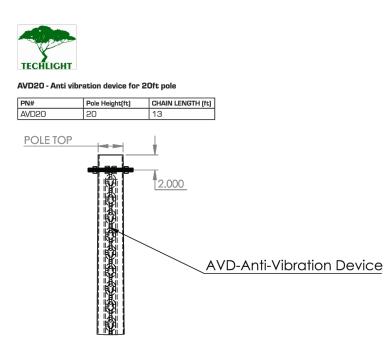
COOPER Lighting Solutions Lighting Solutions Uphting Solutions

Techlight 2707 Satsuma Drive, Dallas, TX 75229 PH: 214.350.0591 FX: 214.350.9137

TD500002EN June 21, 2022 4:38 PM

REV: 2010818-03





www.techlight.com

**All dimensions and specifications are subject to change without notice



Revisions

023

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PHOTOM

Water Pollution Abatement Plan Application

Texas Commission on Environmental Quality

for Regulated Activities on the Edwards Aquifer Recharge Zone and Relating to 30 TAC §213.5(b), Effective June 1, 1999

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

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

Signature

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

Print Name of Customer/Agent: Devin D. King, PE

Date: 06/05/2023

Signature of Customer/Agent:

Regulated Entity Name: Outback Steakhouse Round Rock

Regulated Entity Information

- 1. The type of project is:
 - Residential: Number of Lots:_____ Residential: Number of Living Unit Equivalents:_____
 - X Commercial
 - Industrial
 - __ Other:_____
- 2. Total site acreage (size of property): <u>12.015</u>
- 3. Estimated projected population: N/A
- 4. The amount and type of impervious cover expected after construction are shown below:

Impervious Cover of Proposed Project	Sq. Ft.	Sq. Ft./Acre	Acres
Structures/Rooftops	4,694	÷ 43,560 =	0.11
Parking	201,247	÷ 43,560 =	4.62
Other paved surfaces	64,033	÷ 43,560 =	1.43
Total Impervious Cover	270,072	÷ 43,560 =	6.16

 Table 1 - Impervious Cover Table

Total Impervious Cover 6.16 + Total Acreage 12.02 X 100 = 51.25 % Impervious Cover

- 5. X Attachment A Factors Affecting Surface Water Quality. A detailed description of all factors that could affect surface water and groundwater quality that addresses ultimate land use is attached.
- 6. X Only inert materials as defined by 30 TAC §330.2 will be used as fill material.

For Road Projects Only

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

7. Type of project:

TXDOT road project.

County road or roads built to county specifications.

City thoroughfare or roads to be dedicated to a municipality.

Street or road providing access to private driveways.

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

```
Concrete
Asphaltic concrete pavement
Other:
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9. Length of Right of Way (R.O.W.): _____ feet.

Width of R.O.W.: _____ feet. L x W = _____ Ft² \div 43,560 Ft²/Acre = _____ acres.

10. Length of pavement area: _____ feet.

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

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

A rest stop will not be included in this project.

12. Maintenance and repair of existing roadways that do not require approval from the TCEQ Executive Director. Modifications to existing roadways such as widening roads/adding shoulders totaling more than one-half (1/2) the width of one (1) existing lane require prior approval from the TCEQ.

Stormwater to be generated by the Proposed Project

13. X Attachment B - Volume and Character of Stormwater. A detailed description of the volume (quantity) and character (quality) of the stormwater runoff which is expected to occur from the proposed project is attached. The estimates of stormwater runoff quality and quantity are based on the area and type of impervious cover. Include the runoff coefficient of the site for both pre-construction and post-construction conditions.

Wastewater to be generated by the Proposed Project

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

<u>100</u> % Domestic	<u>N/A</u> Gallons/day
% Industrial	Gallons/day
% Commingled	Gallons/day
TOTAL gallons/day <u>N/A</u>	

15. Wastewater will be disposed of by:

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

Attachment C - Suitability Letter from Authorized Agent. An on-site sewage facility
will be used to treat and dispose of the wastewater from this site. The appropriate
licensing authority's (authorized agent) written approval is attached. It states that
the land is suitable for the use of private sewage facilities and will meet or exceed
the requirements for on-site sewage facilities as specified under 30 TAC Chapter 285
relating to On-site Sewage Facilities.

Each lot in this project/development is at least one (1) acre (43,560 square feet) in size. The system will be designed by a licensed professional engineer or registered sanitarian and installed by a licensed installer in compliance with 30 TAC Chapter 285.

X Sewage Collection System (Sewer Lines):

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

The SCS was previously submitted on_____.

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

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

Existing.
Proposed

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

Site Plan Requirements

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

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

Site Plan Scale: 1" = <u>20'</u>'.

18. 100-year floodplain boundaries:

Some part(s) of the project site is located within the 100-year floodplain. The floodplain is shown and labeled.

 \mathbf{X} No part of the project site is located within the 100-year floodplain.

The 100-year floodplain boundaries are based on the following specific (including date of material) sources(s): <u>FEM</u>A FIRM Map 48491C04875 (12/20/2019)

19. X The layout of the development is shown with existing and finished contours at appropriate, but not greater than ten-foot contour intervals. Lots, recreation centers, buildings, roads, open space, etc. are shown on the plan.

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

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

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

] The wells are not in use and have been properly abandoned.

] The wells are not in use and will be properly abandoned.

The wells are in use and comply with 16 TAC §76.

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

- 21. Geologic or manmade features which are on the site:
 - All sensitive geologic or manmade features identified in the Geologic Assessment are shown and labeled.

No sensitive geologic or manmade features were identified in the Geologic Assessment.

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

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

X N/A

- 27. Locations where stormwater discharges to surface water or sensitive features are to occur.
 - [X] There will be no discharges to surface water or sensitive features.
- 28. X Legal boundaries of the site are shown.

Administrative Information

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

OUTBACK STEAKHOUSE ROUND ROCK WATER POLLUTION ABATEMENT PLAN

Factors Affecting Water Quality

Materials that are anticipated to be used on site that could be a potential source of contamination include the following:

During Construction:

- 1. Petroleum drippings from vehicle movement
- 2. Integrated Pest Management
- 3. Asphalt and/or Concrete Products
- 4. Soil/Stock Pile
- 5. Concrete and Masonry Materials
- 6. Wood, plastic, and metal Materials
- 7. Tar and hydrocarbons from paving operations
- 8. Oil, Grease, fuel, and hydraulic fluid from construction equipment and vehicle drippings
- 9. Fertilizers, Herbicides, and Pesticides
- 10. Cleaning solutions and detergents
- 11. Miscellaneous construction trash and debris
- 12. Soil erosion and sedimentation due to construction activity

Ultimate Use:

- 1. Pollutants generated from vehicles utilizing the site
- 2. Fertilizers, Herbicides, and pesticides used to maintain landscaping
- 3. Miscellaneous trash and debris generated from the public

(This is not intended to be an all-inclusive list)

All practical management practices will be used to reduce the risk of spills and other exposure of any contaminant to surface or groundwater

Volume and Character of Storm Water

Existing Drainage Conditions

The 1.78-acre subject site has existing drainage areas that divide the site into five(5) sections. The existing drainage areas and flows are as follows. Existing drainage area EX-A1, EX-A2, EX-A3, EX-A4, and EX-B1 are 0.46 acres, 0.32 acres, 0.17 acres, 0.30 acres, and 0.53 acres, respectively. All five drainage areas drain into the existing storm sewer system for the Outback Steakhouse. Drainage areas EX-A1, EX-A2, EX-A3, EX-A4, and EX-B1 have existing impervious cover which are 0.39 acres, 0.26 acres, 0.17 acres, 0.25 acres, and 0.13 acres, respectively. Drainage areas EX-A1, EX-A2, EX-A3, and EX-B1 have existing impervious cover which are 0.39 acres, 0.26 acres, 0.17 acres, 0.25 acres, and 0.13 acres, respectively. Drainage areas EX-A1, EX-A2, EX-A3, and EX-A4 converge at POA A. EX-B1 is conveyed to POA B. The 2, 10, 25, and 100-year peak storm flows at each POA are as follows:

Point of Analysis	Total Drainage Area (acres)	Total Impervious Cover Area (acres)	Impervious Area (%)	Time of Concentration (mins)	Storm Event	Existing Runoff (cfs)
А	1.25	1.07	85.60%	5	2	5.32
					10	8.67
				5	25	11.21
					100	15.89
	0.53	0.53 0.13	24.50%	5	2	1.33
В					10	2.26
				5	25	3.00
				5	100	4.40

Proposed Drainage Conditions

The proposed 1.78-acre subject site includes has proposed drainage areas that divide the site into five (5) sections. The proposed drainage areas and flows are as follows. Drainage areas DA-A1, DA-A2, DA-A3, DA-A4, and DA-B1 are 0.46 acres, 0.40 acres, 0.12 acres, 0.26 acres, and 0.53 acres, respectively. All five drainage areas flow into the proposed storm sewer system. Drainage areas DA-A1, DA-A2, DA-A3, DA-A4, and DA-B1 have impervious covers 0.38 acres, 0.31 acres, 0.12 acres, 0.21 acres, and 0.13 acres, respectively. Drainage area DA-A1, DA-A2, DA-A3, and DA-A4 are conveyed to POA A. Drainage area DA-B1 is conveyed to POA B. The proposed 2, 10, 25, and 100-year storm peak flows at each POA are as follows:

Point of Analysis	Total Drainage Area (acres)	Total Impervious Cover Area (acres)	Impervious Area (%)	Time of Concentration (mins)	Storm Event	Existing Runoff (cfs)	
А	1.25	1.02	81.60%	5	2	5.18	
					10	8.45	
				5	25	10.94	
					100	15.52	
В	0.53	0.53 0.13	24.53%	5	2	1.33	
				5	10	2.26	
				24.33%	5	25	3.00
				5	100	4.40	

The existing and proposed drainage calculations for the site are shown on the drainage area maps of the Site Development Permit plan set and are included as Attachment G for the Temporary Stormwater Section.

Storm Water Detention and Water Quality

Existing regional water quality controls and detention at the Wet Basin Pond will be used, as the existing infrastructure was designed to treat and detain developed capacity up to 90% impervious cover from the proposed project site.

Suitability Letter From Authorized Agent

Attachment C is not applicable for this project. An on-site sewage facility will not be implemented for this development. A sewage collection system is proposed and an SCS Application will be submitted to TCEQ at a later date.

ATTACHMENT	D
	_

Exception to the Required Geologic Assessment

Per coordination with TCEQ, a Geologic Assessment is not required for this project. Please refer to Page 12 of this document for documentation of correspondence with TCEQ verifying that this project is waived from the Geologic Assessment requirement

Cherry, John

From:	James Slone <james.slone@tceq.texas.gov></james.slone@tceq.texas.gov>
Sent:	Friday, January 6, 2023 2:28 PM
То:	King, Devin
Subject:	RE: 4151 N IH 35 - Existing WPAP
Attachments:	1120_001.pdf; 1121_001.pdf

You don't often get email from james.slone@tceq.texas.gov. Learn why this is important

Devin,

Attached are the two approval letters I found. I first suggest reaching out to central file room <u>https://www.tceq.texas.gov/agency/data/records-services</u> to try and obtain the associated application/plan material. IF you fail, reach out to me and you can see the region's working files. Although, they may not be entirely complete.

They proposed project does not require a Geologic Assessment. Please retain this email for your records. Have a great weekend, Bo

James "Bo" Slone, P.G. Geoscientist Edwards Aquifer Protection Program Texas Commission on Environmental Quality (512) 239-5711

From: King, Devin <devin.king@kimley-horn.com> Sent: Thursday, January 5, 2023 2:09 PM To: James Slone <james.slone@tceq.texas.gov> Subject: 4151 N IH 35 - Existing WPAP

Bo:

As discussed over the phone just now, would you be able to you see what you can find on University Commons approved WPAP?

This is for the existing vacant Mimi's Café restaurant located at 4151 N I-35, Round Rock, which is going to be redeveloped as an Outback Steakhouse.

Also, if you wouldn't mind confirming if we can receive a geologic assessment exemption, that would be helpful. Thank you for your assistance.

Devin

Devin D. King, PE (TX, FL) | Associate Kimley-Horn | 5301 Southwest Parkway, Suite 100, Building 2, Austin, TX 78735 Direct: 737.787.8638 | Mobile: 682.220.3615

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: Devin D. King, PE

Date: 06/06/2023

Signature of Customer/Agent:

Regulated Entity Name: <u>Outback Steakhouse Round Rock</u>

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.
- X Fuels and hazardous substances will not be stored on the site.
- 2. X 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. X 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. X 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. X 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.

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

X 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:

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. X 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.	X	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.	X	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.	Χ	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.

X 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.
 - X N/A
- 12. X 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. X 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. X 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. X 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. X 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. X 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. X 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. X Stabilization practices must be initiated as soon as practicable where construction activities have temporarily or permanently ceased.

Administrative Information

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

If there is an accidental spill on site, the contractor shall respond with appropriate action. The contractor will be required to contact the owner and in turn the owner will contact the TCEQ in the event of a spill on site. In addition to the following guidance, reference the latest version of TCEQ's Technical Guidance Manual (TGM) RG-348 Section 1.4.16.

Cleanup and Good House Keeping

- Clean up leaks and spills immediately.
- Neat and orderly storage of any chemicals, pesticides, fertilizers, fuels, etc. that are being stored on site.
- Regular garbage, rubbish, construction waste and sanitary waste disposal.
- Cleanup of sediments that have been tracked by vehicles or have been transported by wind or storm water about the site or onto nearby roads.
- Use a rag for small spills on paved surfaces, a damp mop for general cleanup, and absorbent material for larger spills. If the spilled material is hazardous, then the used cleanup materials are also hazardous and must be disposed of as hazardous waste.
- Never hose down or bury dry material spills. Clean up as much of the material as possible and dispose of properly. See the waste management BMPs in this section for specific information.

Minor Spills

- Minor spills typically involve small quantities of oil, gasoline, paint, etc. which can be controlled by the first responder at the discovery of the spill.
- Use absorbent materials on small spills rather than hosing down or burying the spill.
- Absorbent materials should be promptly removed and disposed of properly.
- Follow the practice below for a minor spill:
 - Contain the spread of the spill.
 - Recover spilled materials.
 - Clean the contaminated area and properly dispose of contaminated materials.

Semi-Significant Spills

Semi-significant spills still can be controlled by the first responder along with the aid of other personnel such as laborers and the foreman, etc. This response may require the cessation of all other activities.

Manufacturer's recommended methods of spill cleanup will be clearly posted and site personnel will be made aware of the procedures and the location of the information and the cleanup supplies. Spills should be cleaned up immediately:

- Contain spread of the spill.
- Notify the project foreman immediately.
- If the spill occurs on paved or impermeable surfaces, clean up using "dry" methods (absorbent materials, cat litter and/or rags). Contain the spill by encircling with absorbent materials and do not let the spill spread widely.
- If the spill occurs in dirt areas, immediately contain the spill by constructing an earthen dike. Dig up and properly dispose of contaminated soil.
- If the spill occurs during rain, cover spill with tarps or other material to prevent contaminating runoff.

Significant/Hazardous Spills

For significant or hazardous spills that are in reportable quantities:

- Notify the TCEQ by telephone as soon as possible and within 24 hours at (512)339-2929 (Austin) or 210-490-3096 (San Antonio) between 8 AM and 5 PM. After hours, contact the Environmental Release Hotline at 1-800-832-8224. It is the contractor's responsibility to have all emergency phone numbers at the construction site.
- For spills of federal reportable quantities, in conformance with the requirements in 40 CFR parts 110,119, and 302, the contractor should notify the National Response Center at (800) 424-8802.
- Notification should first be made by telephone and followed up with a written report.
- The services of a spills contractor or a Haz-Mat team should be obtained immediately. Construction personnel should not attempt to clean up until the appropriate and qualified staffs have arrived at the job site.
- Other agencies which may need to be consulted include, but not limited to, the City Police Department, County Sheriff Office, Fire Departments, etc. The local emergency authority, as necessary, will implement its emergency management plans, which may include notifying and evacuating affected personnel. In the absence of a local emergency authority, the contractor shall take reasonable measure to notify potentially affected persons of the imminent health threat.

Potential Sources of Contamination

Potential Source: Oil, grease, fuel, and hydraulic fluid contamination from construction equipment and vehicle dripping. Any spills shall be handled according to the Spill Response Actions in *Attachment A*.

Preventative Measures: Vehicle maintenance will be performed within the construction staging area or a local maintenance shop.

Potential Source: Asphalt wash -off after unexpected rain.

Preventative Measures: After placement of asphalt, emulsion, or coatings, the applicant will be responsible for immediate cleanup should an unexpected rain occur. During the entirety of the asphalt curing time, the applicant should maintain standby personnel and equipment to contain any asphalt wash-off.

Potential Source: Miscellaneous trash and litter from construction workers and material wrappings.

Preventative Measures: Trash containers will be placed throughout the site to encourage proper disposal of trash.

Potential Source: Silt leaving the site.

Preventative Measures: Contractor will install all temporary best management practices, described in *Attachment D*, prior to start of construction including the stabilized construction entrance to prevent tracking onto adjoining streets and to prevent the discharge of sediment to the San Gabriel River.

Potential Source: Construction Debris.

Preventative Measures: Construction debris will be monitored daily by contractor. Debris will be collected weekly and placed in disposal bins. Situations requiring immediate attention will be addressed on a case by case basis.

Potential Source: Soil and Mud from Construction Vehicle tires as they leave the site.

Preventative Measures: A stabilized construction exit shall be utilized as vehicles leave the site. Any soil, mud, etc. carried from the project onto public roads shall be cleaned up within 24 hours.

Potential Source: Sediment from soil, sand, gravel and excavated materials stock piled on site.

Preventative Measures: Silt fence shall be installed on the down gradient side of the stock piled materials.

Potential Source: Portable toilet spill.

Preventative Measures: Toilets on the site will be emptied on a regular basis by the contracted toilet company.



Sequence of Major Activities

The installation of erosion and sedimentation controls shall occur prior to any excavation of materials or major disturbances on the site. The sequence of major construction activities will be as follows. Approximate acreage to be disturbed is listed in parentheses next to each activity. The location of the temporary erosion control measures are shown on the Erosion & Sedimentation Control Sheets.

Intended Schedule or Sequence of Major Activities:

Site Construction:

- 1. Construct Access (0.022 acres)
- 2. Installation of Temporary BMPs (754 LF silt fence, 4 EA inlet protection)
- 3. Initiate Grubbing and Topsoil Stripping of Site (0.75 acres onsite)
- 4. Rough Subgrade Preparation (earthwork, grading, street and drainage excavation and embankment) (0.75 acres onsite)
- 5. Wet and Dry Utility Construction (0.75 acres)
- 6. Final Subgrade Preparation (0.75 acres)
- 7. Installation of Base Materials (0.75 acres)
- 8. Concrete (foundations, curbs, flatwork) (0.09 acres)
- 9. Building Construction (0.11 acres)
- 10. Paving Activities (0.42acres)
- 11. Topsoil, Irrigation and Landscaping (0.75 acres)
- 12. Site cleanup and Removal of Temporary BMPs (754 LF silt fence, 4 EA inlet protection)

Complete any necessary final dress up of areas. Conduct a final inspection and complete all punch list items.

Temporary Best Management Practices and Measures

- A. There is no storm water that originates up gradient from the site that will flow across the site.
- **B.** Temporary BMPs will be installed prior to soil disturbing construction activity. Silt fencing will be placed along the down-gradient sides of the property to prevent silt from escaping the construction area. A temporary construction entrance will be placed on site to reduce vehicle "tracking" onto adjoining streets. A concrete washout pit will be used to collect all excess concrete during construction. Inlet protection will be placed over all existing and proposed inlets to stop the discharge of sediments into the sewer system. Please reference the attached copy of the Erosion and Sedimentation Control Plans for specific locations and details of all controls.

BMPs for this project will protect surface water or groundwater from turbid water, phosphorus, sediment, oil, and other contaminants, which may mobilize in storm water flows by slowing the flow of runoff to allow sediment and suspended solids to settle out of the runoff.

Practices may also be implemented on site for interim and permanent stabilization. Stabilization practices may include but are not limited to: establishment of temporary vegetation, establishment of permanent vegetation, mulching, geotextiles, sod stabilization, vegetative buffer strips, protection of existing trees and vegetation, and other similar measures.

The contractor is expected to inspect the controls weekly and after significant rainfalls to ensure proper function.

C. There are no sensitive features or surface streams within the boundaries of the project. The temporary onsite BMPs will be used to treat stormwater runoff before it leaves the project and prevent pollutants from entering into surface streams or any sensitive features down-gradient of the site.

Request to Temporarily Seal a Feature

Naturally-occurring features will not be sealed on the site; therefore this section is not applicable.

Structural Practices

Structural BMPs will be used to limit runoff discharge of pollutants from exposed areas of the site. BMPs will be installed prior to soil disturbing construction activity. Silt fencing will be placed along the downgradient sides of the property to prevent silt from escaping the construction area. A temporary construction entrance will be placed at the site entry/exit point to reduce tracking onto adjoining streets. A construction staging area will be used onsite to perform all vehicle maintenance and for equipment and material storage. A concrete truck washout pit will be placed on site to provide containment and easier cleanup of waste from concrete operations. The location of all structural temporary BMP's are shown on the erosion control plan sheet and details and specifications are provided on the erosion control details sheet which can be found at the end of this report under Section 9.

Description of Temporary BMPs

Stabilized Construction Entrance/Exit

The purpose of a temporary gravel construction entrance is to provide a stable entrance/exit condition from the construction site and keep mud and sediment off public roads. A stabilized construction entrance is a stabilized pad of crushed stone located at any point traffic will be entering or leaving the construction site from a public right-of-way, street, alley, sidewalk or parking area. The purpose of a stabilized construction entrance is to reduce or eliminate the tracking or flowing of sediment onto public rights-of-way. This practice should be used at all points of construction ingress and egress.

Excessive amounts of mud can also present a safety hazard to roadway users. To minimize the amount of sediment loss to nearby roads, access to the construction site should be limited to as few points as possible and vegetation around the perimeter should be protected were access is not necessary. A rock stabilized construction entrance should be used at all designated access points.

Silt Fence

The purpose of a silt fence is to intercept and detain water-borne sediment from unprotected areas of a limited extent. Silt fence is used during the period of construction near the perimeter of a disturbed area to intercept sediment while allowing water to percolate through. This fence should remain in place until the disturbed area is permanently stabilized. Silt fence should not be used where there is a concentration of water in a channel or drainage way. If concentrated flow occurs after installation, corrective action must be taken such as placing a rock berm in the areas of concentrated flow.

Silt fencing within the site may be temporarily moved during the day to allow construction activity provided it is replaced and properly anchored to the ground at the end of the day. Silt fences on the perimeter of the site or around drainage ways should not be moved at any time.

Concrete Washout Area

The purpose of concrete washout areas is to prevent or reduce the discharge of pollutants to stormwater from concrete waste by conducting washout offsite, performing onsite washout in a designated area, and training employees and subcontractors.

The following steps will help reduce stormwater pollution from concrete wastes:

- Incorporate requirements for concrete waste management into material supplier and subcontractor agreements.
- Avoid mixing excess amounts of fresh concrete.
- Perform washout of concrete trucks in designated areas only.
- Do not wash out concrete trucks into storm drains, open ditches, streets, or streams.
- Do not allow excess concrete to be dumped onsite, except in designated areas.
- For onsite washout:

- Locate washout area at least 50 feet from sensitive features, storm drains, open ditches, or water bodies. Do not allow runoff from this area by constructing a temporary pit or bermed area large enough for liquid and solid waste.
- Wash out wastes into the temporary pit where the concrete can set, be broken up, and then disposed properly.

Below grade concrete washout facilities are typical. These consist of a lined excavation sufficiently large to hold expected volume of washout material. Above grade facilities are used if excavation is not practical. Temporary concrete washout facility (type above grade) should be constructed as shown on the details at the end of this section, with sufficient quantity and volume to contain all liquid and concrete waste generated by washout operations. Plastic lining material should be a minimum of 10 mil in polyethylene sheeting and should be free of holes, tears, or other defects that compromise the impermeability of the material.

When temporary concrete washout facilities are no longer required for the work, the hardened concrete should be removed and disposed of. Materials used to construct temporary concrete washout facilities should be removed from the site of the work and disposed of. Holes, depressions or other ground disturbance caused by the removal of the temporary concrete washout facilities should be backfilled and repaired.

Inlet Protection

In developments for which drainage is to be conveyed by underground storm sewers (i.e., streets with curbs and gutters), all inlets that may receive storm runoff from disturbed areas should be protected. Temporary inlet protection is a series of different measures that provide protection against silt transport or accumulation in storm sewer systems. This clogging can greatly reduce or completely stop the flow in the pipes. The different measures are used for different site conditions and inlet types



			Peak Flow Calculation -																	
			Rational						RUNOFF CO	EFFICIENT (O	2)	TIME OF CONCENTRATION (Tc)	I	RAINFALLIN	ITENSITY (1)		RUNO	FF(Q)	
gic Runoff Co k Determina 10yr			DRAINAGE AREA	AREA (ACRES)	Pervious Cover (ACRES)	lmpervious Cover (ACRES)	Impervious Cover %	C 2-YEAR	C 10-YEAR	C 25-YEAR	C 100-YEAR	Tc (min)	I 2-YEAR	I 10-YEAR	l 25-YEAR	l 100-year	Q 2-YEAR	Q 10-YEAR	Q 25-YEAR	Q 100-YEAR
0.83	0.88	0.97	EX-A1	0.46	0.08	0.39	84%	0.68	0.75	0.80	0.89	5	6.24	9.13	11.10	14.20	1.95	3.18	4.11	5.83
0.35	0.39	0.46	EX-A2	0.32	0.06	0.26	81%	0.66	0.74	0.79	0.87	5	6.24	9.13	11.10	14.20	1.32	2.16	2.79	3.96
			EX-A3	0.17	0.00	0.17	100%	0.75	0.83	0.88	0.97	5	6.24	9.13	11.10	14.20	0.80	1.30	1.68	2.37
			EX-A4	0.30	0.05	0.25	83%	0.67	0.75	0.79	0.88	5	6.24	9.13	11.10	14.20	1.24	2.03	2.63	3.73
10yr	25yr	100yr	EX-B1	0.53	0.41	0.13	23%	0.40	0.46	0.51	0.58	5	6.24	9.13	11.10	14.20	1.33	2.26	3.00	4.40
38,785	41,121	45,327	FLOWS CALCUL	ATED USING	ATLAS 14 V	ALUES FROM T	HE CITY OF RO	UND ROCK	RAIN DOCU	MENT						ΡΟΑ Α	5.32	8.67	11.21	15.89
9,422	10,499	12,384													t	ΡΟΑ Β	1.33	2.26	3.00	4.40
48,207	51,620	57,710													-					

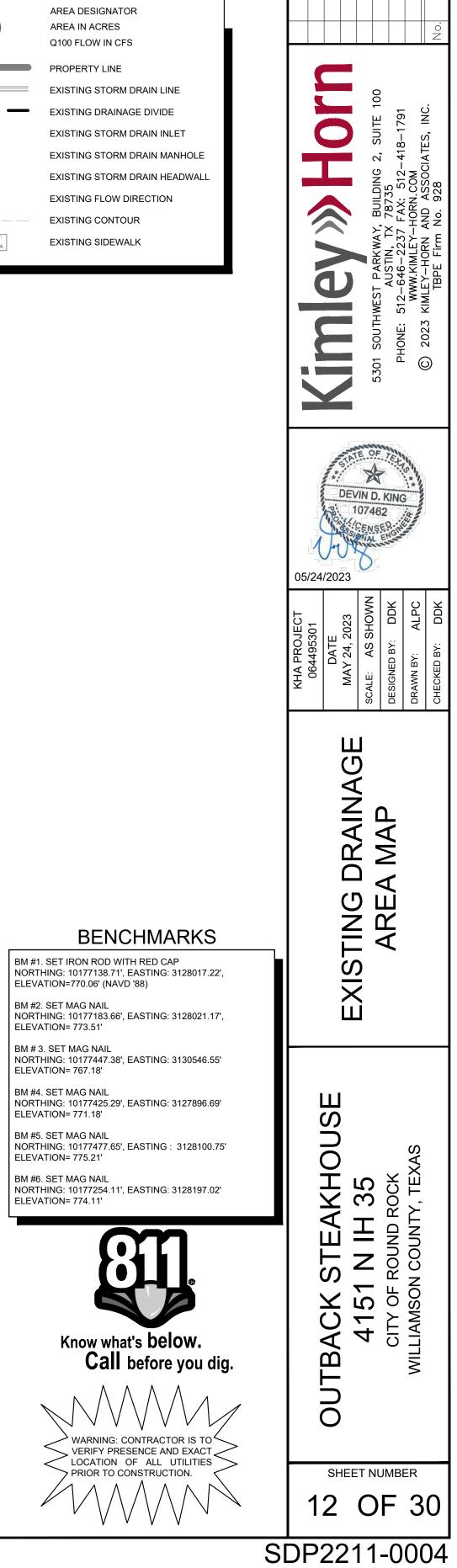
LEGEND

ELEVATION= 771.18'

X-1 9.9 ac 5.5 cfs PROPERTY LINE 0 \frown \rightarrow — — 555 — Δ···Δ_Δ···Δ

AREA DESIGNATOR AREA IN ACRES Q100 FLOW IN CFS EXISTING STORM DRAIN LINE EXISTING DRAINAGE DIVIDE EXISTING STORM DRAIN INLET EXISTING STORM DRAIN MANHOLE EXISTING STORM DRAIN HEADWALL EXISTING FLOW DIRECTION EXISTING CONTOUR EXISTING SIDEWALK





FALL INTENSITY (1)	RUNOFF (Q)



				Peak Flow Calculation -													
				Rational						RUNOFF CO	EFFICIENT (O	2)	TIME OF CONCENTRATION (Tc)	<u> </u>	RAINFALL I	NTENSITY (I)
•		pefficients ition of Sto 25yr	(Table 2-1 rm Runoff) 100yr	DRAINAGE AREA	AREA (ACRES)	Pervious Cover (ACRES)	Impervious Cover (ACRES)	Impervious Cover %	C 2-YEAR	C 10-YEAR	C 25-YEAR	C 100-YEAR	Tc (min)	l 2-YEAR	I 10-YEAR	l 25-YEAR	10
.75	0.83	0.88	0.97	DA-A1	0.46	0.09	0.38	81%	0.66	0.74	0.79	0.87	5	6.24	9.13	11.10	
.29	0.35	0.39	0.46	DA-A2	0.40	0.09	0.31	78%	0.65	0.72	0.77	0.86	5	6.24	9.13	11.10	
				DA-A3	0.12	0.00	0.12	100%	0.75	0.83	0.88	0.97	5	6.24	9.13	11.10	
				DA-A4	0.27	0.06	0.21	78%	0.65	0.72	0.77	0.86	5	6.24	9.13	11.10	
۴A	10yr	25yr	100yr	DA-B1	0.53	0.41	0.13	23%	0.40	0.46	0.51	0.58	5	6.24	9.13	11.10	
46	38,785	41,121	45,327	FLOWS CALCUL	ATED USING	ATLAS 14 V	ALUES FROM TH	HE CITY OF RC	UND ROCK	RAIN DOCU	JMENT						
28	8,120	9,048	10,672														
74	46,905	50,169	55,999													L	

W N S	E
20'	40'
GRAPHIC SCALE 20'	

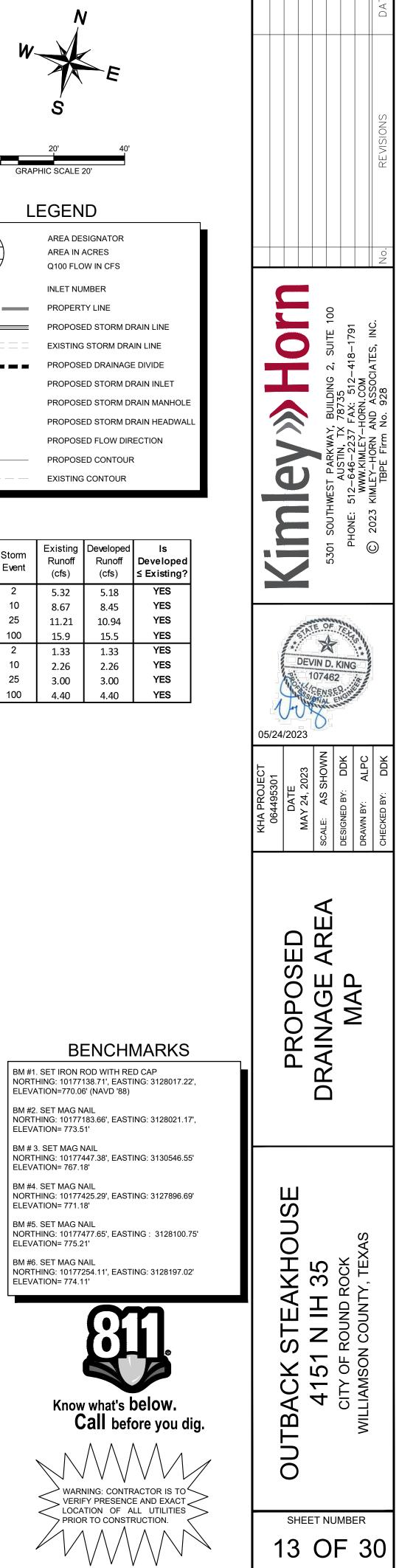
LEGEND

X-1 9.9 ac 5.5 cfs	
A-1	I
	F
	F
	E
	F
-	F
0	F
	F
	F
555	F

X-1	AREA DESIGNATOR
9.9 ac	AREA IN ACRES
5.5 cfs	Q100 FLOW IN CFS
A-1	INLET NUMBER
	PROPERTY LINE
	PROPOSED STORM DRAIN LINE
	EXISTING STORM DRAIN LINE
	PROPOSED DRAINAGE DIVIDE
	PROPOSED STORM DRAIN INLET
0	PROPOSED STORM DRAIN MANHOLE
\bigtriangleup	PROPOSED STORM DRAIN HEADWALL
	PROPOSED FLOW DIRECTION
555	PROPOSED CONTOUR
555	EXISTING CONTOUR

BENCHMARKS

Point of Analysis	Storm Event	Existing Runoff (cfs)	Developed Runoff (cfs)	ls Developed ≤ Existing?
	2	5.32	5.18	YES
А	10	8.67	8.45	YES
	25	11.21	10.94	YES
	100	15.9	15.5	YES
	2	1.33	1.33	YES
В	10	2.26	2.26	YES
	25	3.00	3.00	YES
	100	4.40	4.40	YES



SDP2211-0004

FALL	NTENSITY (D		RUNO	FF(Q)	
1		<u> </u>	Q	Q	Q	Q
'EAR	י 25-YEAR	I 100-YEAR	2-YEAR	Q 10-YEAR	25-YEAR	Q 100-YEAR
9.13	11.10	14.20	1.91	3.12	4.04	5.74
9.13	11.10	14.20	1.63	2.67	3.46	4.92

0.54

1.09

14.20

14.20

14.20

ΡΟΑ Α

ΡΟΑ Β

0.88

1.78

1.33 2.26 3.00 4.40

1.33 2.26

5.18 8.45

1.13

2.31

3.00

10.94

3.28

4.40

15.52

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ATTACHMENT H
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Temporary Sediment Pond(s) Plans and Calculations

The proposed development will not disturb areas over 10 acres. Therefore, a temporary sediment pond is not required.

ATTACHMENT I

Inspection and Maintenance for BMPs

Personnel Responsible for Inspections

The agent that performs the inspections should be knowledgeable of this general permit, familiar with the construction site, and knowledgeable of the SWPPP for the site. The contractor is to provide an inspector with a CPESC, CESSWI, or CISEC certification. Documentation of the inspector's qualifications is to be included in the attached Inspector Qualifications Log.

Inspection Guidelines for BMPs

The following sections address inspection and maintenance taken from the TNRCC Manual, "Complying with Edwards Aquifer Rules: Technical Guidance on Best Management Practices."

Silt Fence:

- 1. Inspection shall be made weekly and after each rainfall event, in accordance with Section 1.4.3 of RG-348.
- 2. Torn fabric shall be replaced or a second line of fencing parallel to the torn section shall be implemented as needed.
- 3. Accumulated silt shall be removed when it reaches a depth of six (6) inches. The silt shall be disposed of on an approved site and in such a manner that will not contribute to additional siltation.
- 4. Silt fence shall be removed when the site is completely stabilized so as not to block or impede storm flow or drainage.

Inlet Protection:

- 1. Daily inspection shall be made by the contractor and silt accumulation must be removed when depth reaches 50 millimeters (two (2) inches).
- 2. Contractor shall monitor the performance of inlet protection during each rainfall event and immediately remove the inlet protections if the stormwater begins to overtop the curb.
- 3. Inlet protections shall be removed as soon as the source of sediment is stabilized.

Stabilized Construction Entrance:

- 1. The entrance shall be maintained in a condition that will prevent tracking or flowing of sediment onto public roadway. This may require periodic top dressing with additional stone as conditions demand. As well as repair and clean out of any measure device used to trap sediment. All sediments that are spilled, dropped, washed or tracked onto a public roadway must be removed immediately.
- 2. Entrance shall be properly graded to prevent run-off from leaving the construction site.

Concrete Washout Area:

- 1. Routine inspection in accordance with Section 1.4.18 of RG-348 of the area to ensure that sufficient quantity and volume remain to contain all liquid and concrete waste generated by washout operations.
- 2. Plastic lining material should be a minimum of 10 millimeters in polyethylene sheeting and should be free of holes, tears, or other defects that compromise the impermeability of the material.
- 3. When temporary concrete washout facilities are no longer required for the work, the hardened concrete should be removed and disposed of. Materials used to construct temporary concrete washout facilities should be removed from the site of the work and disposed of. Holes, depressions, or other ground disturbance caused by the removal of the temporary concrete washout facilities should be backfilled and repaired.

Inspection Schedule

The primary operator is required to complete inspections as specified above for all temporary stormwater controls not specifically listed.

Inspection must be completed once every seven calendar days (weekly) and after each rainfall event.

The inspections may occur on either schedule provided that documentation reflects the current schedule and that any changes to the schedule are conducted in accordance with the following provisions: the schedule may be changed a maximum of one time each month, the schedule change must be implemented at the beginning of a calendar month, and the reason for the schedule change must be documented (e.g., end of "dry" season and beginning of "wet" season).

For any day of rainfall during normal business hours that measures 0.25 inches or greater, proper documentation of the total rainfall measured for that day must be recorded. Personnel provided by the permittee must inspect:

- disturbed areas of the construction site that have not been finally stabilized;
- areas used for storage of materials that are exposed to precipitation;
- structural controls (for evidence of, or the potential for, pollutants entering the drainage system);
- sediment and erosion control measures identified in the SWP3 (to ensure they are operating correctly); and
- locations where vehicles enter or exit the site (for evidence of off-site sediment tracking).

Reductions in Inspection Frequency

Where sites have been finally or temporarily stabilized or where runoff is unlikely due to winter conditions (e.g. site is covered with snow, ice, or frozen ground exists), inspections must be conducted at least once every month. In arid, semi-arid, or drought-stricken areas, inspections must be conducted at least once every month and within 24 hours after the end of a storm event of 0.5 inches or greater. A record of the total rainfall measured, as well as the approximate beginning and ending dates of winter or drought conditions resulting in monthly frequency of inspections in the attached Rain Gauge Log.

In the event of flooding or other uncontrollable situations which prohibit access to the inspection sites, inspections must be conducted as soon as access is practicable.

Inspection Report Forms

Use the Inspection Report Forms given as a checklist to ensure that all required areas of the construction site are addressed. There is space to document the inspector's name as well as when the inspections regularly take place. The tables will document that the required area was inspected. (If there were any areas of concern, briefly describe them in this space with a more detailed description in the narrative section. Use the last table to document any discharges found during the inspections). Describe how effective the installed BMPs are performing. Describe any BMP failures that were noted during the investigation and describe any maintenance required due to the failure. If new BMPs are needed as the construction site changes, the inspector can use the space at the bottom of the section to list BMPs to be implemented before the next inspection.

Describe the inspector's qualifications, how the inspection was conducted, and describe any areas of noncompliance in detail. If an inspection report does not identify any incidents of non-compliance, then it must contain a certifying signature stating that the facility or site is in compliance. The report must be signed by a person and in a manner required by 30 TAC 305.128. There is space at the end of the form to allow for this certifying signature.

Whenever an inspection shows that BMP modifications are needed to better control pollutants in runoff, the changes must be completed within seven calendar days following the inspection. If existing BMPs are modified or if additional BMPs are needed, you must describe your implementation schedule, and wherever possible, make the required BMP changes before the next storm event.

The Inspection Report Form functions as the required report and must be signed in accordance with TCEQ rules at 30 TAC 305.128.

Corrective Action

kimley-horn.com

Personnel Responsible for Corrective Actions

Both Primary and Secondary Operators are responsible for maintaining all necessary Corrective Actions. If an individual is specifically identified as the responsible party for modifying the contact information for that individual should be documented in the attached Inspector Qualifications Log.

Corrective Action Forms

The Temporary BMPs must be modified based on the results of inspections, as necessary, to better control pollutants in runoff. Revisions must be completed within seven (7) calendar days following the inspection. If existing BMPs are modified or if additional BMPs are necessary, an implementation schedule must be described in the attached forms and wherever possible those changes implemented before the next storm event. If implementation before the next anticipated storm event is impracticable, these changes must be implemented as soon as practicable. Actions taken as a result of inspections must be properly documented by completing the corrective action forms given.

Schedule of Interim and Permanent Soil Stabilization

Construction practices shall disturb the minimal amount of existing ground cover as required for land clearing, grading, and construction activity for the shortest amount of time possible to minimize the potential of erosion and sedimentation from the site. Existing vegetation shall be maintained and left in place until it is necessary to disturb for construction activity. For this project the following stabilization practices will be implemented:

- 1. Hydraulic Mulch and Seeding: Disturbed areas subject to erosion shall be stabilized with hydraulic mulch and/or seeded and watered to provide interim stabilization. For areas that are not to be sodded as per the project landscaping plan, a minimum of 85% vegetative cover will be established to provide permanent stabilization.
- 2. Sodding and Wood Mulch: As per the project landscaping plan, Sodding and wood mulch will be applied to landscaped areas to provide permanent stabilization prior to project completion.

Records of the following shall be maintained:

- a) The dates when major grading activities occur;
- b) The dates when construction activities temporarily or permanently cease on a portion of the site; and
- c) The dates when stabilization measures are initiated.

Stabilization measures must be initiated as soon as practical in portions of the site where construction activities have temporarily or permanently ceased, and except as provided in the following, must be initiated no more that fourteen (14) days after the construction activity in that portion of the site has temporarily or permanently ceased:

Where the initiation of stabilization measures by the 14th day after construction activity temporarily or permanently ceased is precluded by snow cover or frozen ground conditions, stabilization measures must be initiated as soon as practical.

Where construction activity on a portion of the site is temporarily ceased and earth disturbing activities will be resumed within twenty-one (21) days, temporary stabilization measures do not have to be initiated on that portion of the site.

In arid areas (areas with an average rainfall of 0-10 inches), semiarid areas (areas with an average annual rainfall of 10 to 20 inches), and areas experiencing droughts where the initiation of stabilization measures by the 14th day after construction activity has temporarily or permanently ceased is precluded by seasonably arid conditions, stabilization measures must be initiated as soon as practical.

Maintenance

Below are some maintenance practices to be used to maintain erosion and sediment controls:

- All measures will be maintained in good working order. The operator should correct any damage or deficiencies as soon as practicable after the inspection, but in no case later than seven (7) calendar days after the inspection.
- BMP Maintenance (as applicable)
- Sediment must be removed from sediment traps and sedimentation ponds no later than the time that design capacity has been reduced by 50%. For perimeter controls such as silt fences, berms, etc., the trapped sediment must be removed before it reaches 50% of the above-ground height.
- Silt fence will be inspected for depth of sediment, tears, to see of the fabric is securely attached to the fence posts, and to see that the fence posts are firmly in the ground.
- Drainage swale will be inspected and repaired as necessary.
- Inlet control will be inspected and repaired as necessary.
- Check dam will be inspected and repaired as necessary.
- Straw bale dike will be inspected and repaired as necessary.
- Diversion dike will be inspected and any breaches promptly repaired.
- Temporary and permanent seeding and planting will be inspected for bare spots, washouts, and healthy growth.
- If sediment escapes the site, accumulations must be removed at a frequency that minimizes offsite impacts, and prior to the next rain event, if feasible. If the permittee does not own or operate the off-site conveyance, then the permittee must to work with the owner or operator of the property to remove the sediment.
- Locations where vehicles enter or exit the site must be inspected for evidence of off-site sediment tracking.

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

• Maintenance and repairs will be conducted before the next anticipated storm event or as necessary to maintain the continued effectiveness of storm water controls. Following an inspection, deficiencies should be corrected no later than seven (7) calendar days after the inspection.

Inspector Qualifications Log*

Inspector Name:
Qualifications (Check as appropriate and provide description):
□ Supervised Experience
□ Other
Inspector Name:
Qualifications (Check as appropriate and provide description):
Supervised Experience
Other
Inspector Name:
Qualifications (Check as appropriate and provide description):
 Training Course Supervised Experience
□ Other
Inspector Name:
Qualifications (Check as appropriate and provide description): Training Course
□ Supervised Experience
□ Other
Inspector Name:
Qualifications (Check as appropriate and provide description): Training Course
Supervised Experience
□ Other
Inspector Name:
Qualifications (Check as appropriate and provide description):
 Training Course Supervised Experience
□ Other

* The agent that performs the inspections should be knowledgeable of this general permit, familiar with the construction site, and knowledgeable of the SWPPP for the site. The contractor is to provide an inspector with a CPESC, CESSWI, or CISEC certification.

No.	Description of the Amendment	Date of Amendment	Amendment Prepared by [Name(s) and Title]

Amendment Log

Construction Activity Sequence Log

Name of Operator	Projected dates Month/year	Activity Disturbing Soil clearing, excavation, etc.	Location on-site where activity will be conducted	Acreage being disturbed

*Construction activity sequences for linear projects may be conducted on a rolling basis. As a result, construction activities may be at different stages at different locations in the project area. The Contractor is required to complete and update the schedule and adjust as necessary.

Stormwater Control Installation and Removal Log

Stormwater Control	Location On-Site	Installation Date	Removal Date

Stabilization Activities Log

Date Activity Initiated	Description of Activity	Description of Stabilization Measure and Location	Date Activity Ceased (Indicate Temporary or Permanent)	Date When Stabilization Measures Initiated
				1 1 .

Stabilization and erosion control practices may include, but are not limited to: establishing temporary or permanent vegetation, mulching, geotextiles, sod stabilization, vegetative buffer strips, and protecting existing trees and vegetation. List practices used where they are located, when they will be implemented, and whether they are temporary (interim) or permanent.

	Date Frequency Schedule and Reason for Change						
	Date	Frequency Schedule and Reason for Change					
Image:							

Rain Gauge Log

Date	Location of Rain Gauge	Gauge Reading

	General Information							
Name of Project				Tracking No.		Inspection Date		
Inspector Name, T Contact Informatio								
Present Phase of Co	onstruction							
Inspection Location inspections are require location where this ins being conducted)	ed, specify							
- Once per m	uency : V uency : C ency: nonth (for stabi nonth and with	Veekly	rs of a 0.25" rain semi-arid, or drough	t-stricken areas du	ring seasonally dry perioc	ds or during drought)		
If yes, how did y	site	y a 0.25" storm event? Y Y ned whether a 0.25" storm of Weather station representative of riggered the inspection (in in	event has occurre of site. Specify weat		:			
If "yes", con	ine that any nplete the fo	portion of your site was un			No			
- Location(s) where condi	tions were found:						

Condition and Effectiveness of Erosion and Sediment (E&S) Controls							
Type/Location of E&S Control	Repairs or Other Maintenance Needed?	Corrective Action Required?	Date on Which Maintenance or Corrective Action First Identified?	Notes			
1.	□Yes □No	□Yes □No					
2.	□Yes □No	□Yes □No					
3.	□Yes □No	□Yes □No					
4.	□Yes □No	□Yes □No					
5.	□Yes □No	□Yes □No					
6.	□Yes □No	□Yes □No					
7.	□Yes □No	□Yes □No					
8.	□Yes □No	□Yes □No					
9.	□Yes □No	□Yes □No					
10.	□Yes □No	□Yes □No					

Condition and Effectiveness of Pollution Prevention (P2) Practices							
Type/Location of P2 Practices	Repairs or Other Maintenance Needed?	Corrective Action Required?	Identification Date	Notes			
1.	□Yes □No	□Yes □No					
2.	□Yes □No	∐Yes ∏No					
3.	□Yes □No	□Yes □No					
4.	□Yes □No	□Yes □No					
5.	□Yes □No	∐Yes ∏No					
6.	□Yes □No	□Yes □No					
7.	□Yes □No	□Yes □No					
8.	□Yes □No	□Yes □No					
9.	□Yes □No	□Yes □No					
10.	□Yes □No	□Yes □No					

Stabilization of Exposed Soil					
Stabilization Area	Stabilization Method	Have You Initiated Stabilization?	Notes		
1.		☐ YES ☐ NO If yes, provide date:			
2.		☐ YES ☐ NO If yes, provide date:			
3.		☐ YES ☐ NO If yes, provide date:			
4.		☐ YES ☐ NO If yes, provide date:			
5.		☐ YES ☐ NO If yes, provide date:			
	Description of	Discharges			
	er discharge occurring from any par nformation for each point of dischar	rt of your site at the time of the inspec rge:	tion? 🗌 Yes 🗌 No		
Discharge Location	Observations				
1.	Describe the discharge:				
	At points of discharge and the channels and banks of surface waters in the immediate vicinity, are there any visible signs of erosion and/or sediment accumulation that can be attributed to your discharge? If yes, describe what you see, specify the location(s) where these conditions were found, and indicate whether modification, maintenance, or corrective action is needed to resolve the issue:				
2.	Describe the discharge:				
	At points of discharge and the channels and banks of surface waters in the immediate vicinity, are there any visible signs of erosion and/or sediment accumulation that can be attributed to your discharge? If yes, describe what you see, specify the location(s) where these conditions were found, and indicate whether modification, maintenance, or corrective action is needed to resolve the issue:				
3.	Describe the discharge:				
	At points of discharge and the channels and banks of surface waters in the immediate vicinity, are there any visible signs of erosion and/or sediment accumulation that can be attributed to your discharge? If yes, describe what you see, specify the location(s) where these conditions were found, and indicate whether modification, maintenance, or corrective action is needed to resolve the issue:				

Kimley *Whorn*

Contractor or Subcontractor Certification and Signature

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

Signature of Contractor or Subcontractor:

Printed Name and Affiliation:

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Certification and Signature by Permittee

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

"Duly Authorized Representative":	 _ Date:
Printed Name and Affiliation:	

Date:

Section A – Initial Report (Complete this section <u>within 24 hours</u> of discovering the condition that triggered corrective action)							
Name of Project	Tracking N	Jo.		Today's Date			
Date Problem First Discov	vered		Time Problem Firs	t Discovered			
Name and Contact Inform Form	Name and Contact Information of Individual Completing this Form						
A required stormwater	ered the requirement to conduct correct control was never installed, was insta- ols that have been installed and mainta- e has occurred or is occurring	lled incorrectly					
Provide a description of th	e problem:						
	orrective action (Enter date that is eit rk within the first 7 days, enter the da				l the problem, or (2) if it is		
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Section B.1 – Why the	Problem Occurred						
Cause(s) of Problem (Add	an additional sheet if necessary)		How This Was Det	ermined and the Date You Determ	mined the Cause		
1.			1.				
2.			2.				
3.			3.				
Section B.2 – Stormwater Control Modifications to be Implemented to Correct the Problem							
	l Modification(s) Needed to Correct	Completion Date	SWPPP Update Necessary?	Notes			
1.			□Yes □No Date:				
2.			□Yes □No Date:				
3.			□Yes □No Date:				

Section A – Initial Report (Complete this section <u>within 24 hours</u> of discovering the condition that triggered corrective action)							
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2.			□Yes □No Date:				
3.			□Yes □No Date:				

Kimley *Whorn*

Contractor or Subcontractor Certification and Signature

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

Signature of Contractor or Subcontractor:

Printed Name and Affiliation:

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Certification and Signature by Permittee

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

"Duly Authorized Representative":	Date:
Printed Name and Affiliation:	

Date:

Permanent Stormwater Section

Texas Commission on Environmental Quality

for Regulated Activities on the Edwards Aquifer Recharge Zone and Relating to 30 TAC §213.5(b)(4)(C), (D)(Ii), (E), and (5), Effective June 1, 1999

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

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

Signature

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

Print Name of Customer/Agent: Devin D. King, PE

Date: _06/06/2023

Signature of Customer/Agent

Regulated Entity Name: Outback Steakhouse Round Rock

Permanent Best Management Practices (BMPs)

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

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



2. X These practices and measures have been designed, and will be constructed, operated, and maintained to insure that 80% of the incremental increase in the annual mass loading of total suspended solids (TSS) from the site caused by the regulated activity is removed. These quantities have been calculated in accordance with technical guidance prepared or accepted by the executive director.

The TCEQ Technical Guidance Manual (TGM) was used to design permanent BMPs and measures for this site.

A technical guidance other than the TCEQ TGM was used to design permanent BMPs and measures for this site. The complete citation for the technical guidance that was used is: _____

X N/A

3. Owners must insure that permanent BMPs and measures are constructed and function as designed. A Texas Licensed Professional Engineer must certify in writing that the permanent BMPs or measures were constructed as designed. The certification letter must be submitted to the appropriate regional office within 30 days of site completion.

X N/A

- 4. Where a site is used for low density single-family residential development and has 20 % or less impervious cover, other permanent BMPs are not required. This exemption from permanent BMPs must be recorded in the county deed records, with a notice that if the percent impervious cover increases above 20% or land use changes, the exemption for the whole site as described in the property boundaries required by 30 TAC §213.4(g) (relating to Application Processing and Approval), may no longer apply and the property owner must notify the appropriate regional office of these changes.
 - The site will be used for low density single-family residential development and has 20% or less impervious cover.
 - The site will be used for low density single-family residential development but has more than 20% impervious cover.
 - X The site will not be used for low density single-family residential development.
- 5. The executive director may waive the requirement for other permanent BMPs for multifamily residential developments, schools, or small business sites where 20% or less impervious cover is used at the site. This exemption from permanent BMPs must be recorded in the county deed records, with a notice that if the percent impervious cover increases above 20% or land use changes, the exemption for the whole site as described in the property boundaries required by 30 TAC §213.4(g) (relating to Application Processing and Approval), may no longer apply and the property owner must notify the appropriate regional office of these changes.
 - Attachment A 20% or Less Impervious Cover Waiver. The site will be used for multi-family residential developments, schools, or small business sites and has 20% or less impervious cover. A request to waive the requirements for other permanent BMPs and measures is attached.
 - X The site will be used for multi-family residential developments, schools, or small business sites but has more than 20% impervious cover.
 - The site will not be used for multi-family residential developments, schools, or small business sites.
- 6. X Attachment B BMPs for Upgradient Stormwater.

		 A description of the BMPs and measures that will be used to prevent pollution of surface water, groundwater, or stormwater that originates upgradient from the site and flows across the site is attached. X No surface water, groundwater or stormwater originates upgradient from the site and flows across the site, and an explanation is attached. Permanent BMPs or measures are not required to prevent pollution of surface water, groundwater, or stormwater that originates upgradient from the site and flows across the site, and an explanation is attached.
7.	Х	Attachment C - BMPs for On-site Stormwater.
		 A description of the BMPs and measures that will be used to prevent pollution of surface water or groundwater that originates on-site or flows off the site, including pollution caused by contaminated stormwater runoff from the site is attached. Permanent BMPs or measures are not required to prevent pollution of surface water or groundwater that originates on-site or flows off the site, including pollution caused by contaminated stormwater runoff.
8.		Attachment D - BMPs for Surface Streams. A description of the BMPs and measures that prevent pollutants from entering surface streams, sensitive features, or the aquifer is attached. Each feature identified in the Geologic Assessment as sensitive has been addressed.
	Х	N/A
9.	X	The applicant understands that to the extent practicable, BMPs and measures must maintain flow to naturally occurring sensitive features identified in either the geologic assessment, executive director review, or during excavation, blasting, or construction.
		 X The permanent sealing of or diversion of flow from a naturally-occurring sensitive feature that accepts recharge to the Edwards Aquifer as a permanent pollution abatement measure has not been proposed. Attachment E - Request to Seal Features. A request to seal a naturally-occurring sensitive feature, that includes, for each feature, a justification as to why no reasonable and practicable alternative exists, is attached.
10.	X	Attachment F - Construction Plans. All construction plans and design calculations for the proposed permanent BMP(s) and measures have been prepared by or under the direct supervision of a Texas Licensed Professional Engineer, and are signed, sealed, and dated. The plans are attached and, if applicable include:
		 X Design calculations (TSS removal calculations) TCEQ construction notes All geologic features X All proposed structural BMP(s) plans and specifications
		N/A

11.	Attachment G - Inspection, Maintenance, Repair and Retrofit Plan. A plan for the inspection, maintenance, repairs, and, if necessary, retrofit of the permanent BMPs and measures is attached. The plan includes all of the following:
	Prepared and certified by the engineer designing the permanent BMPs and measures
	Signed by the owner or responsible party
	Procedures for documenting inspections, maintenance, repairs, and, if necessary retrofit
	A discussion of record keeping procedures
X] N/A
12.	Attachment H - Pilot-Scale Field Testing Plan. Pilot studies for BMPs that are not recognized by the Executive Director require prior approval from the TCEQ. A plan for pilot-scale field testing is attached.
Х] N/A
13.	Attachment I -Measures for Minimizing Surface Stream Contamination. A description of the measures that will be used to avoid or minimize surface stream contamination and changes in the way in which water enters a stream as a result of the construction and development is attached. The measures address increased stream flashing, the creation of stronger flows and in-stream velocities, and other in-stream effects caused by the regulated activity, which increase erosion that results in water quality degradation.

X N/A

Responsibility for Maintenance of Permanent BMP(s)

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

14. X The applicant is responsible for maintaining the permanent BMPs after construction until such time as the maintenance obligation is either assumed in writing by another entity having ownership or control of the property (such as without limitation, an owner's association, a new property owner or lessee, a district, or municipality) or the ownership of the property is transferred to the entity. Such entity shall then be responsible for maintenance until another entity assumes such obligations in writing or ownership is transferred.

N/A

15. |X| A copy of the transfer of responsibility must be filed with the executive director at the appropriate regional office within 30 days of the transfer if the site is for use as a multiple single-family residential development, a multi-family residential development, or a non-residential development such as commercial, industrial, institutional, schools, and other sites where regulated activities occur.

N/A

20% or Less Impervious Cover Waiver

The site will be used for small commercial purposes only, but proposes greater than 20% impervious cover. Therefore, a waiver will not be submitted for this project, and this section is not applicable.

BMPs for UP-GRADIENT STORMWATER

Up-gradient storm water does exist based on current topography maps and field observations. No additional impervious cover is proposed for the upgradient stormwater area because the area is offsite. Please refer to the Proposed Drainage Area Map that is provided.

BMPs for On-Site Stormwater

Revegetation of the site will be utilized as a permanent best management practice on this site. Revegetation is to include:

- A minimum of four (4) inches of topsoil placed in all drainage channels (except rock) and between the curb and right-of-way line.
- Seeding must be provided for all permanent erosion control measures, to include broadcast seeding and hydraulic seeding.
- Planted areas shall be irrigated or sprinkled in a manner that will not erode the topsoil but will sufficiently soak the soil to a depth of 6 inches.
- Restoration shall be acceptable when the grass has grown at least one and a half (1 ¹/₂) inches high with 95% coverage, provided no bare spots larger than 16 square feet exist.
- Native grass seeding shall comply with the requirements of the Williamson County.

Wet Basin Pond will be utilized as a permanent best management practice for this site. The proposed, permanent water quality pond is a wet pond with a TSS reduction efficiency of 93%. The total project area draining to the existing water quality wet pond is 1.78 acres. 1.16 acres of the total area is designated as post-development impervious cover.

BMPs for Surface Streams

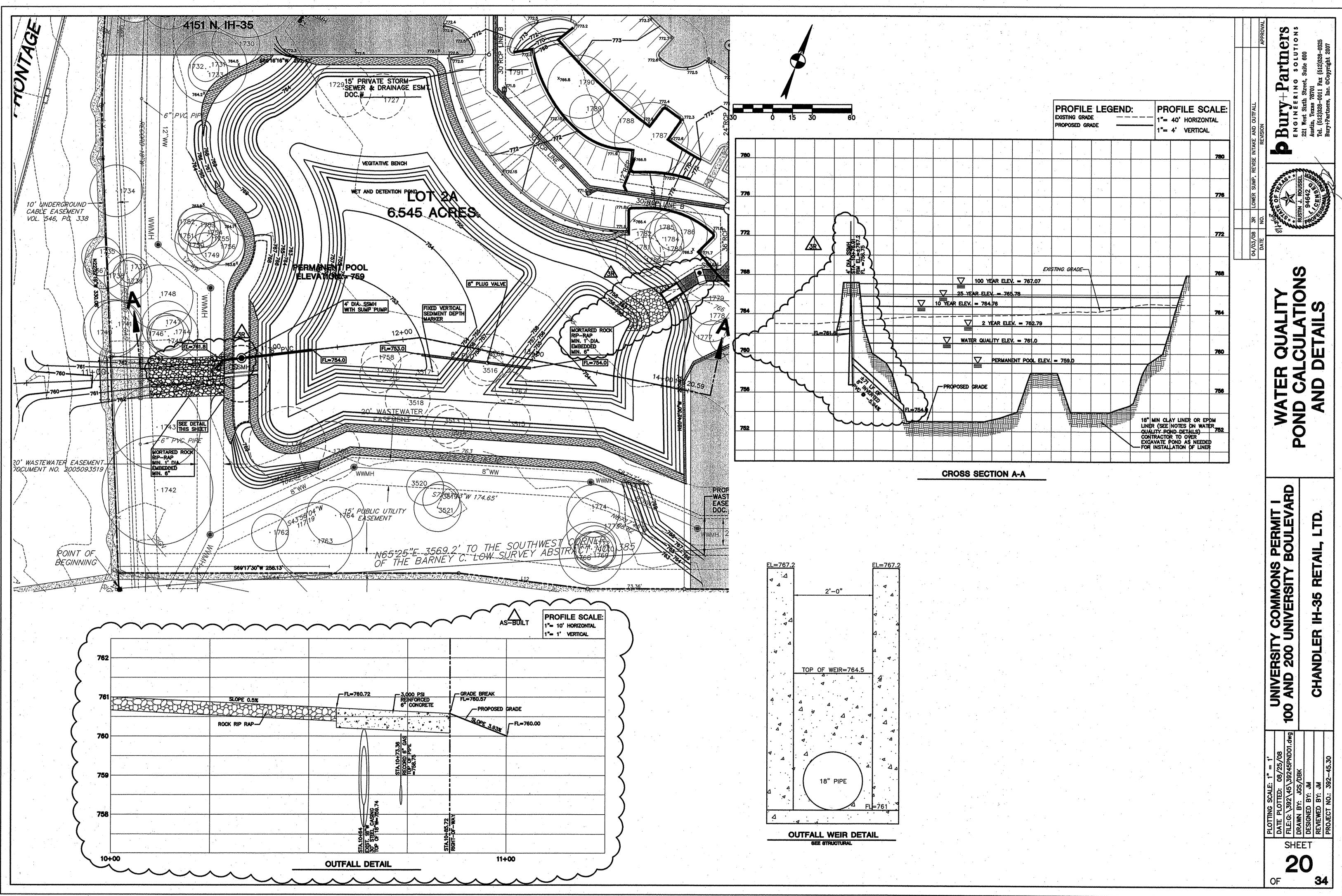
There are no existing surface streams or sensitive features on the subject site. Therefore, this section is not applicable.

Request to Seal a Feature

The permanent sealing of or diversion of flow from a naturally-occurring "sensitive" or "possibly sensitive" feature that accepts recharge to the Edwards Aquifer as a permanent pollution abatement measure has not been proposed for any naturally-occurring "sensitive" or "possibly sensitive" features on this site; and therefore, this section is not applicable.

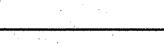
Construction Plans

Calculations and plans for the existing Wet Basin Pond, designed by Bury & Partners, are included in this section. The plans are signed and sealed by a licensed engineer in The State of Texas. The load removal requirements are derived from the equations from the technical guidance manual based upon project area and increase in impervious cover. All storm water runoff from impervious areas will be treated by the proposed and existing permanent BMP's to provide the overall required removal of at least 80% of the increase in Total Suspended Solids. Provided within the calculations is a summary of the amount of pollutant load required to be removed from the drainage areas and the amount of removal provided by the permanent BMP's.



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Possible Project Configuration #3: There is more than one drainage bas Enter the Load calculated in cell C27 (LMREMOVAL REQUIRED FROM TOTAL SITE)	sin/outfall area	and a BMI	P is not proposed for	each básin.	o eizia	Sthe DARD F-	sha hacin
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f the calculated "Fraction of Annual Runoff" (F) required to remove the This drainage basin or proposed BMP will not provide the required/pro							
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The Load entered into cell C92 must be reduced until F=1.00 or less.	###.~###.5%	ana ao amin'ny faritr'o amin'ny faritr'o amin'ny faritr'o amin'ny faritr'o amin'ny faritr'o amin'ny faritr'o a Normana desimanta amin'ny faritr'o amin'ny faritr'o amin'ny faritr'o amin'ny faritr'o amin'ny faritr'o amin'ny f	n ga shina an tanta a ga sa kang pangangang pang kang marinta an a	алы алар алар алар алар алар алар алар а	1 - (1 -) 1 - (1 -) 1 - (1 -)	ан аралаасан алаасан алаасан алаан алаа алаан алаа Тараасан алаасан	ر اله و می از این ا
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Elevation	Area	Area	Avg. Area	Delta Volume	Total Volume (Acre-Feet)	Storage (cf)	Q _{pipe1} (Cfs)	Q _{pipe2} (Cfs)	Q _{weir} (CfS)	Q _{notch} (cfs)	Total (cfs)	Elevation
Elevation (ft)	Area (Sq. ft.)	Area (Acres)	Avg. Area (Acres)	Delta Volume (Acre-Feet)	(Acre-Feet)	Storage (cf) 0	(cfs)	(cfs)	(CfS)	(cfs)		
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Elevation (ft) 759.00 760.00 761.00 762.00 763.00 764.00 765.00	Area (Sq. ft.) 37689 56676 59950 63291 66700 73387 74098	Area (Acres) 0.87 1.30 1.38 1.45 1.53 1.68 1.70	Avg. Area (Acres) 0.43 1.08 1.34 1.41 1.49 1.61 1.69	Delta Volume (Acre-Feet) 0.00 1.08 1.34 1.41 1.49 1.61 1.69	(Acre-Feet) 0.00 1.08 2.42 3.84 5.33 6.94 8.63	(cf) 0 47,183 105,496 167,116 232,112 302,155 375,898	(cfs) 0.000 1.372 2.169 2.743 3.217 3.629 3.999	(cfs) 0.000 0.000 4.252 9.508 12.757 15.332	(cfs) C.000 0.000 0.000 0.000 0.000 0.000 0.000	(cfs) 0.000 0.000 0.000 0.000 0.000 2.121	(cfs) 0.000 1.372 2.169 6.995 12.725 16.386 21.452	Elevation (ft) 753.0 754.0 755.0 756.0 756.0 758.0
Elevation (ft) 759.00 760.00 761.00 762.00 763.00 763.00 765.00 765.00 766.00	Area (Sq. ft.) 37689 56676 59950 63291 66700 73387 74098 74800 75492	Area (Acres) 0.87 1.30 1.38 1.45 1.53 1.68 1.70 1.72	Avg. Area (Acres) 0.43 1.08 1.34 1.41 1.49 1.61 1.69 1.71	Delta Volume (Acre-Feet) 0.00 1.08 1.34 1.41 1.49 1.61 1.69 1.71	(Acre-Feet) 0.00 1.08 2.42 3.84 5.33 6.94 8.63 10.34	(cf) 0 47,183 105,496 167,116 232,112 302,155 375,898 450,347	(cfs) 0.000 1.372 2.169 2.743 3.217 3.629 3.999 4.337	(cfs) 0.000 0.000 4.252 9.508 12.757 15.332 17.532	(cfs) C.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	(cfs) 0.000 0.000 0.000 0.000 0.000 2.121 11.023	(cfs) 0.000 1.372 2.169 6.995 12.725 16.386 21.452 32.893	Elevation (ft) 753.0 754.0 755.0 756.0 756.0 758.0 Main Poo
Elevation (ft) 759.00 760.00 761.00 762.00 763.00 764.00 765.00 766.00 766.00	Area (Sq. ft.) 37689 56676 59950 63291 66700 73387 74098 74800 75492 75560	Area (Acres) 0.87 1.30 1.38 1.45 1.53 1.68 1.70 1.72 1.73	Avg. Area (Acres) 0.43 1.08 1.34 1.41 1.49 1.61 1.69 1.71 1.73	Delta Volume (Acre-Feet) 0.00 1.08 1.34 1.41 1.49 1.61 1.69 1.71 1.73	(Acre-Feet) 0.00 1.08 2.42 3.84 5.33 6.94 8.63 10.34 12.06	(cf) 0 47,183 105,496 167,116 232,112 302,155 375,898 450,347 525,493	(cfs) 0.000 1.372 2.169 2.743 3.217 3.629 3.999 4.337 4.651	(cfs) 0.000 0.000 4.252 9.508 12.757 15.332 17.532 19.486	(cfs) C.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	(cfs) 0.000 0.000 0.000 0.000 0.000 2.121 11.023 23.717	(cfs) 0.000 1.372 2.169 6.995 12.725 16.386 21.452 32.893 47.855	Elevation (ft) 753.0 754.0 756.0 756.0 756.0 758.0 Main Poo Elevation

WET POND NOTES

- 1. THE WET/DETENTION POND IS INTENDED TO HOLD WATER AT ALL TIMES AND SHOULD BE WATER TIGHT BY MEANS OF PROVIDING A CLAY LINER.
- 2. THE CLAY LINER SHOULD BE INSTALLED PRIOR TO THE CONSTRUCTION OF ANY HEADWALLS OR OTHER STRUCTURES SO THAT THE STRUCTURES DO NOT PENETRATE THE CLAY LINER OR AS OTHERWISE DIRECTED BY THE GEOTECHNICAL ENGINEER.
- 3. ALL PENETRATIONS OF THE CLAY LINER SHALL BE DONE IN SUCH A MANNER THAT IT DOES NOT LEAK. REFER TO GEOTECHNICAL SPECIFICATIONS FOR THE CLAY LINER PENETRATION.
- 4. A WATER STOP SHALL BE PROVIDED WHERE THE STORM SEWER TRENCHES ENTER THE WET POND SO THAT THE POND REMAINS WATER TIGHT. REFER TO GEOTECHNICAL SPECIFICATIONS FOR THE MEANS OF PROVIDING A WATER STOP WHERE THE UTILITY TRENCHES ENTER THE POND.
- 5. ALL PIPES WITHIN THE WET POND SHALL EITHER BE INSTALLED ABOVE THE CLAY LINER OR SHALL BE BACK FILLED WITH CLAY AS DIRECTED BY THE GEOTECHNICAL ENGINEER TO MAINTAIN A WATER TIGHT SEAL.
- 6. ALL STORM SEWER PIPES AND MANHOLES BELOW ELEVATION 753.0 SHALL HAVE WATER TIGHT JOINTS BY MEANS OF RUBBER GASKETS OR OTHER APPROVED METHODS.
- 7. THE SPECIFICATIONS PROVIDED HEREON FOR THE CLAY LINER ARE MINIMUM SPECIFICATIONS PROVIDED BY THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY. THE SPECIFICATIONS FOR THE CLAY LINER PROVIDED BY THE GEOTECHNICAL ENGINEER SHALL GOVERN THE INSTALLATION AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE LATEST GEOTECHNICAL SPECIFICATIONS PRIOR TO BEGINNING CONSTRUCTION.

NOTE:

- 1. ALL PIPES WITHIN THE LIMITS OF THE ROAD TO HAVE WATER TIGHT JOINTS.
- 2. THE SPECIFICATIONS PROVIDED HEREON FOR THE CLAY LINER ARE MINIMUM SPECIFICATIONS PROVIDED BY THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY. THE SPECIFICATIONS FOR THE CLAY LINER PROVIDED BY THE GEOTECHNICAL ENGINEER SHALL GOVERN THE INSTALLATION AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE LATEST GEOTECHNICAL SPECIFICATIONS PRIOR TO BEGINNING CONSTRUCTION.

DRAINAGE POND 1A

STORM EVENT (YEAR)	EXISTING DISCHARGE (CFS)	PROPOSED DISCHARGE (CFS)
2	12.69	11.52
10	27.64	20.25
25	37.08	30.42
100	50.87	49.08

TABLE 3.5 EDWARDS AQUIFER RULES:

CLAY LINER SPECIFICATION*

ASTM D-423 & D-424

~%

TEST METHOD

ASTM D-2434

ASTM D-2216

ASTM D-422

OF 30 MILS AND BE ULTRAVIOLET RESISTANT.

THE FOLLOWING SPECIFICATIONS:

ASTM D-2216

PROPERTY

PERMEABILITY

OF CLAY

PLASTICITY INDEX

CLAY COMPACTION

MOISTURE CONTENT)

LIQUID LIMIT OF CLAY

CLAY PARTICLES PASSING

Water Quali	ty Pond Vo	lumes			(27) (),	ան է հանձնան է հենանակ մեջ նահանդարդներումը, մոր է գրվիչ
		1011100	: 221-12/22222222222222222222222222222222		*****	
	991-194 9109 6.8-6 6					ang dar gapiliniyih ong a sa 1 dayi santa dan 1 Mar 100. Takati 10, 100 a
Forebay						04
Elevation	Area	Area	Avg. Area	A STAR AND	Total Volume	Storage
(ft)	(Sq. ft.)	(Acres)	(Acres)	(Acre-Feet)	(Acre-Feet)	(cf)
754.00	1131	0.03	0.00	0.00	0.00	0
755.00	4066	0.09	0.06	0.06	0.06	2,599
756.00	4931	0.11	0.10	0.10	0.16	7,097
757.00	5862	0.13	0.12	0.12	0.29	12,494
758.00	6873	0.16	0.15	0.15	0.43	18,861
	1977 (* 1. n. l. 1. n. l. 1. dec. (* 1971 * 1975 (* 1975)) 1975 (* 1. n. l. 1972 * 1975) (* 1975) (* 1975)	5 - 5 - 8 - 4 - 47 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	ما در به این به این از این	14 1200 14 14 14 14 14 14 14 14 14 14 14 14 14	an an an an thuil an	n yan da bu yan bu yan da y Man yan yan da yan yan yan da yan d
Main Pool						
Elevation	Area	Area	Avg. Area	د ماهه. ساده از باه ۱۹۹۵ و هود با مربقه ۲ هدرود به وارد با مارک	Total Volume	Storage
(ft)	(Sq. ft.)	(Acres)	(Acres)	(Acre-Feet)	(Acre-Feet)	(cf)
753.00	4123	0.09	0.00	0.00	0.00	0
754.00	10804	0.25	0.17	0.17	0.17	7,464
755.00	16805	0.39	0.32	0.32	0.49	21,268
756.00	18509	0.42	0.41	0.41	0.89	38,925
757.00	20302	0.47	0.45	0.45	1.34	58,331
758.00	22187	0.51	0.49	0.49	1.83	79,575
					^	
Main Pool +	forebay		ingeranska erek pangakakijarkerangelike in asteratika :			
Elevation	Area	Area	Avg. Area	Delta Volume	Total Volume	Storage
(ft)	(Sq. ft.)	(Acres)	(Acres)	(Acre-Feet)	(Acre-Feet)	(cf)
753.00	4123	0.09	0.00	0.00	0.00	0
754.00	11935	0.27	0.18	0.18	0.18	8,029
755.00	20871	0.48	0.38	0.38	0.56	24,432
756.00	23440	0.54	0.51	0.51	1.07	46,588
757.00	26164	0.60	0.57	0.57	1.64	71,390
758.00	29060	0.67	0.63	0.63	2.27	99,002
759,00	37688	0.87	0.77	0.77	3.04	132,376
760.00	56676	1.30	1.08	1.08	4.12	179,558
761.00	59950	1.38	1.34	1.34	5.46	237,871
762.00	63291	1.45	1.38	2.75	6.88	299,525
763.00	66700	1.53	1.45	2.91	8.37	364,521
764.00	73387	1.68	1.57	3.14	10.01	436,203
765.00	74098	1.70	1.62	3.23	11.60	505,319
766.00	74800	1.72	1.70	3.40	13.42	584,390
767.00	75492	1.72	1.72	3.43	15.03	654,909
768.00	76176	1.75	1.72	3.47	16.88	735,366
769.00	81891	1.88	1.81	3.61	18.65	812,292
00.60	01091	1.00	1.01	0.01	10.00	012,202

Z 0 Φ g 60 **A** Μ A PERMANENT POND WATER QUALITY ELEVATION

S

A

O

ATER OND

S D

100 AND 200 UNIVERSITY COMMONS PERMIT I RETAL ŝ TABLE 3.6 CHANDLER EDWARDS AQUIFER RULES: TECHNICAL GUIDANCE ON BEST MANAGEMENT PRACTICES IMPERMEABLE LINERS MAY BE EITHER CLAY, CONCRETE OR GEOMEMBRANE. IF GEOMEMBRANE IS USED, SUITABLE GEOTEXTILE FABRIC SHALL BE PLACED ON THE TOP AND BOTTOM OF THE MEMBRANE FOR PUNCTURE PROTECTION AND THE LINERS COVERED WITH A MINIMUM OF 6-INCHES OF COMPACTED SOIL. CLAY LINERS SHALL MEET THE FOLLOWING SPECIFICATIONS. GEOTEXTILE FABRIC SPECIFICATIONS PROPERTY TEST METHOD UNIT SPECS. MATERIAL NONWOVEN GEOTEXTILE UNIT WEIGHT OZ/SQ.YD. 8 (MIN.) IN./SEC ASTM D-751 (MODIFIED) LB. ASTM D-751 PSI. FILTRATION RATE 0.08 (MIN.) TECHNICAL GUIDANCE ON BEST MANAGEMENT PRACTICES PUNCTURE STRENGTH 125 (MIN.) 400 (MIN.) 200 (MIN.) MULLEN BURST STRENGTH LB. TENSILE STRENGTH ASTM D-1682 U.S. STANDARD SIEVE NO. 80 (MIN.) EQUIV. OPENING SIZE UNIT SPECS. Cm/Sec 1 x 10⁻⁸ TABLE 1-9 % NOT LESS THAN 30 (CITY OF AUSTIN ECM 1.6.5) DRAINAGE MATTING SPECIFICATIONS NOT LESS THAN 50 NOT LESS THAN 60 95% OF STANDARD PROPERTY TEST METHOD UNIT SPECS. NONWOVEN GEOTEXTILE PROCTOR DENSITY MATERIAL UNIT WEIGHT FLOW RATE (FABRIC) OZ/SQ.YD. 20 (95% OF ASTM D698 MAX DRY DENSITY AT A BETWEEN OPTIMUM AND +4% OF OPTIMUM GPM/FT2 180 (MIN.) 12.4 X 10⁻² CM/SEC ASTM D-2434 PERMEABILITY DRY LG 90 DRY WD:70 GRAB STRENGTH (FABRIC) ASTM D-1682 LB. THE CLAY LINER SHALL HAVE A MINIMUM THICKNESS OF 18 INCHES. WET LG 95 WET WD:70 42 (MIN.) 140 (MIN.) PUNCTURE STRENGTH COE CW-02215 LB. IF A GEOMEMBRANE LINER IS USED IT SHALL HAVE A MINIMUM THICKNESS ASTM D-1117 PSI. US STANDARD SIEVE NO. MULLEN BURST STRENGTH EQUIV. OPENING SIZE 100 (70-120) GPM/FT. WDTH 14 FLOW RATE (DRAINAGE CORE) DREXEL UNIV. TEST METHOD THE GEOTEXTILE FABRIC (FOR PROTECTION OF GEOMEMBRANE) SHALL MEET * AS AMENDED BY FUGRO "GEOTECHNICAL INVESTIGATION: SUNRISE APARTMENTS; ROUND ROCK, TEXAS" DATED ______, FUGRO PROJECT NUMBER ______, PROVIDED FOR INFORMATIONAL PURPOSES ONLY. PA PA PA SHEET TCEQ POND LINER SPECIFICATIONS n-4N.T.S.

OF

33

Pilot-Scale Field Testing Plan

The TCEQ Technical Guidance Manual (TGM) was used to design permanent BMPs and measures for this site; therefore pilot-scale field testing is not required for this project.

Measures for Minimizing Surface Stream Contamination

All flows generated onsite due to this development are conveyed through a combination of sheet flow and storm sewer systems.

The TSS removal calculations for the existing pond at the Wet Basin Pond have been attached.

Surface streams do not exist on site. Therefore, a description of the measures that will be used to avoid or minimize surface stream contamination and changes in the way in which water enters a stream because of the construction and development is not provided at the end of this form. All disturbed areas will be revegetated as soon as practical.

	Agent Authorization Form For Required Signature Edwards Aquifer Protection Program Relating to 30 TAC Chapter 213 Effective June 1, 1999
1Steven	Schnur
	Print Name
Vice (President
	Title - Owner/President/Other
	LLE ROUND ROCK UNIVERSITY LLC
	Corporation/Partnership/Entity Name
have authorized	Devin D. King, PE
	Print Name of Agent/Engineer
of	Kimley-Horn & Associates, Inc.
	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.

TCEQ-0599 (Rev.04/01/2010)

Page 1 of 2

Applicant's Signature Steven Schnuc

5/20/23 Date

THE STATE OF $\frac{MD}{S}$ County of BALTIMURE &

BEFORE ME, the undersigned authority, on this day personally appeared <u>STEVEN</u> Scitnuggenover 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 20 day of MAY, 2025

NOTARY PUBLIC ulu

AT ILLEEN MCNEAL SHEELEN

MY COMMISSION EXPIRES: 10/6/25

KATHLEEN MCNEAL SHEELER Notary Public Baltimore County Maryland My Commission Expires Oct. 06, 2025

TCEQ-0599 (Rev.04/01/2010)

Page 2 of 2

Application Fee Form

Texas Commission on Environme				
Name of Proposed Regulated Entity: <u>BAEV-LASALLE ROUND ROCK UNIVERSITY BLVD LLC</u>				
Regulated Entity Location: 4151 N	IH 35			
Name of Customer: Bloomin' Brands				
Contact Person: <u>Stacy M</u> iller		e: <u>+1 737-787-8638</u>		
Customer Reference Number (if is	sued):CN			
Regulated Entity Reference Numb	er (if issued):RN <u>104798</u>	3731		
Austin Regional Office (3373)				
Hays	Travis	XW	illiamson	
San Antonio Regional Office (336	2)			
Bexar	Medina	U\	valde	
Comal	 Kinney			
Application fees must be paid by o	check, certified check, d	or money order, payab	le to the Texas	
Commission on Environmental Q				
form must be submitted with you	=		-	
X Austin Regional Office	S	an Antonio Regional C	office	
Mailed to: TCEQ - Cashier		overnight Delivery to: 1		
Revenues Section	1	2100 Park 35 Circle		
Mail Code 214	В	uilding A, 3rd Floor		
P.O. Box 13088		ustin, TX 78753		
Austin, TX 78711-3088		512)239-0357		
Site Location (Check All That App	ly):			
X Recharge Zone	Contributing Zone	Transi	tion Zone	
Type of Pla	n	Size	Fee Due	
Water Pollution Abatement Plan,		UILC	100 840	
Plan: One Single Family Residentia	-	Acres	\$	
Water Pollution Abatement Plan,	-			
Plan: Multiple Single Family Resid	ential and Parks	Acres	\$	
Water Pollution Abatement Plan,	Contributing Zone			
Plan: Non-residential		12.015 Acres	\$ 6,500	
Sewage Collection System		L.F.	\$	
Lift Stations without sewer lines		Acres	\$	
Underground or Aboveground Sto	orage Tank Facility	Tanks	\$	
Piping System(s)(only)		Each	\$	
Exception		Each	\$	
Extension of Time		Each	\$	
CAN				

Signature:

Date: <u>5/16/</u>2023

Application Fee Schedule

Texas Commission on Environmental Quality

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

Water Pollution Abatement Plans and Modifications

Contributing Zone Plans and Modifications

Project	Project Area in Acres	Fee
One Single Family Residential Dwelling	< 5	\$650
Multiple Single Family Residential and Parks	< 5	\$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,	< 1	\$3,000
multi-family residential, schools, and other sites	1 < 5	\$4,000
where regulated activities will occur)	5 < 10	\$5,000
	10 < 40	\$6,500
	40 < 100	\$8,000
	≥ 100	\$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 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	e describe in space provided.)	
New Permit, Registration or Authorization (Core L	Data Form should be submitted with	the program application.)
Renewal (Core Data Form should be submitted wi	th the renewal form)	Other Modification to an approved WPAP
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)
		RN 104798731

SECTION II: Customer Information

4. General Cu	4. General Customer Information 5. Effective Date for Customer Information Updates (mm/dd/yyyy) 7/24/2014								7/24/2014				
Image: Second													
Change in Le		(Verifiab		•			nptrol		-	-	,	·	
The Custome	r Name su	ıbmitte	d here may i	be updated	automatica	ally base	ed on	what is c	urrent	and active	with th	he Texas Seci	retary of State
(SOS) or Texa	is Comptro	oller of	Public Accou	unts (CPA).									
6. Customer	6. Customer Legal Name (If an individual, print last name first: eg: Doe, John) If new Customer, enter previous Customer below:												
BAEV-LASALLE	ROUND RO	CK UNIV	ERSITY BLVD	LLC					Chan	dler IH 35 Re	etail Ltd		
7. TX SOS/CP	A Filing N	umber		8. TX State	e Tax ID (11	digits)			9. Fe	deral Tax I	D	10, DUNS I	Number (if
												applicable)	
0802048049				320549261	45				(9 dig	its)			
11. Type of Customer: 🛛 Corporation 🗌 Individual Partnership: 🗋 Gen							eral 🔀 Limited						
Government:	🗋 City 🔲 🤇	County [🗌 Federal 🔲	Local 🗌 Stat	te 🗌 Other			🗌 Soie P	roprieto	orship	🗌 Ot	her:	
12. Number o	of Employ	ees						13. Independently Owned and Operated?				erated?	
⊠ 0-20 □:	21-100 [] 101-2	50 🗌 251-	500 🗌 50:	1 and higher		🗌 Yes 🛛 No						
14. Customei		norod o	r Actual) ar i	it valatas ta th	a Bogulatod	Entitulio	tada	n this form	Diagon	aback and at	the fail	audaa	
14, customer	Noie (FIU	posed of	r Actual) – us r	i reiotes to th	e negulatea l	enny iis	ieu oi	a uns jorn.	rieuse	спеск опе ој	the join	owing	
Owner		🗌 Ор	erator	Πo	wner & Opei	rator		-		Other:			
	al Licensee	🗌 R	esponsible Pa	rty 🗌	VCP/BSA Ap	oplicant							
	100 Eact	Drott Ctr	eet, Floor 20										
15. Mailing	TOGEASE	rfatt Sti	eet, rioor zo										
	Suite 203	0		•••••••••••••••••••••••••••••••••••••••									
Address:							<u> </u>		T			70.0	
City Baltimore State M					MD		ZIP	2120:	2		ZIP + 4		
16. Country N	16. Country Mailing Information (if outside USA)						17. E-Mail Address (if applicable)						
							stev	ven.schnur	@lasalle	e.com			
18. Telephon	e Number	•			19. Extens	ion or C	ode			20. Fax N	umber	(if applicable)	

Dam Safety	Districts	🛛 Edwards Aquifer	Emissions Inventory Air	Industrial Hazardous Waste
🗌 Municipal Solid Waste	Review Air	OSSF .	Petroleum Storage Tank	☐ ₽WS
Siudge	Storm Water	Title V Air	Tires	Used Oll
Voluntary Cleanup	Wastewater	Wastewater Agriculture	Water Rights	Other:

SECTION IV: Preparer Information

40. Name:	Devin D. King,	P.E.		41. Title:	Project Manager
42. Telephone Number 43. Ext./Code 44. Fax			44. Fax Number	45. E-Mail /	Address
(737) 787-8638			() -	devin.king@	kimley-horn.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:	BAEV-LaSalle Round Rock University Boulevard, LLC	Job Title:	Vice Presh	dent	
Name (In Print):	Steven Schnur			Phone:	(410) 878- 4800
Signature:	Strald_			Date:	5/19/2023

١



TCEQ Core Data Form

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

SECTION I: General Information

lescribe in space provided.)	
ita Form should be submitted with	the program application.)
the renewal form)	Other Modification to an approved WPAP
Follow this link to search	3. Regulated Entity Reference Number (if issued)
<u>for CN or RN numbers in</u> <u>Central Registry**</u>	RN 104798731
1	ta Form should be submitted with the renewal form) Follow this link to search for CN or RN numbers in

SECTION II: Customer Information

4. General Cu	4. General Customer Information 5. Effective Date for Customer Information Updates (mm/dd/yyyy) 7/24/2014							7/24/2014						
New Custor	mer		<u></u> □υ	pdate to Cus	tomer (Informat	ion		Char	nge in R	egulated Ent	ity Own	ership	}
Change in L	egal Name (\	/erlfiab						nptroll		-	+			
					auton	naticall	y base	d on	what is c	urrent	and active	with th	ne Texas Sec	retary of State
(SOS) or Texa	is Comptro	iler of i	Public Accou	ints (CPA).										
6. Customer Legal Name (If an individual, print last name first; eg: Doe, John) If new Customer, enter previous Customer below:									<u>er below:</u>					
BAEV-LASALLE	ROUND ROC	K UNIV	ERSITY BLVD I	LLC						Chan	dler IH 35 Re	tail Ltd		
7. TX SOS/CP	A Filing Nu	mber		8. TX Stat	e Tax l	I D (1 1 di	gits)			9. Fe	deral Tax I	D		Number <i>(if</i>
0802048049				320549261	45					(9 dig	gits)		applicable)	
												·		
11. Type of C	ustomer:		Corporal	tion				Individual Partnersh			rship: 🗌 Ger	neral 🛛 Limited		
Government: [🗌 City 🔲 Co	ounty []	🛾 Federal 🔲	Local 🔲 Sta	ste 🗌 C	Other		Sole Proprietorship Other:			her:			
12. Number	of Employe	es						13. Independently Owned and Operated?					erated?	
⊠ 0-20 □	21-100] 101-2	50 🗌 251-	500 🗍 50)1 and h	nigher		🗆 Yes 🛛 No						
14. Custome	r Role (Prop	osed or	Actual) – <i>as i</i>	t relates to ti	he Regu	ılated En	tity list	ed on	this form.	Please	check one of	the folk	owing	
Owner		Ор				& Operat					Other:			
Occupation	al Licensee	R	esponsible Pa	rty	VCP/I	BSA App	licant							
15. Mailing	100 East P	ratt Str	eet, Floor 20			,								
	Sulte 2030)												
Address:	Address: City Baltimore State MI						MD		ZIP	2120	2		ZIP + 4	
16. Country Mailing Information (if outside USA)							 	L				<u> </u>		
16. Country F	Mailing Info	ormatio	on (if outside	USA)							(if applicable	2)		· · · ·
								steve	en.schnur(@lasalle	e.com			
18. Telephon	e Number		18. Telephone Number 19. Extension of				n or Co	Code 20. Fax Number (if applicable)						

ECTION III:	<u>Regula</u>	ated Ent	<u>ity Inforn</u>	natio	<u>on</u>					
21. General Regulated E	ntity Informa	ition (If 'New Reg	gulated Entity" is sele	cted, a n	ew permit	t applica	tion is als	o required.)		
New Regulated Entity	🔲 Update to	Regulated Entity	Name 🛛 Update	to Regul	ated Entit	y Inform	ation			
The Regulated Entity Na as Inc, LP, or LLC).	me submitte	d may be upda	ted, in order to me	et TCEC	Core Do	ata Stai	ndards (removal of a	organizatior	al endings such
22. Regulated Entity Nar	me (Enter nam	e of the site wher	e the regulated actio	n is takir	g place.)					
Outback Steakhouse Round	Rock									
23. Street Address of the Regulated Entity:	4151 N IH 3	51 N IH 35								
(No PO Boxes)	City Round Rock State TX ZIP 78664 ZIP + 4									
24. County	Williamson									
		If no Stree	et Address is provi	ded, fie	ds 25-28	are re	quired.			
25. Description to										
Physical Location:										
26. Nearest City	1						State		Nea	rest ZIP Code
Latitude/Longitude are i used to supply coordinat						Standa	ırds. (Ge	ocoding of t	he Physical	Address may be
27. Latitude (N) In Decin	nal:			2	8. Longi	tude (V	V) In Dec	imal:		
Degrees	Minutes	I	Seconds	Г	egrees			Minutes		Seconds
29. Primary SIC Code	30.	Secondary SIC	Code		mary N/	AICS Co	de	32. Seco	ondary NAIC	CS Code
(4 digits)	(4 đ	igits)		(5 or 6	digits)			(5 or 6 di	gits)	
5812				72251:						
33. What is the Primary	Business of t	his entity? (Do	o not repeat the SIC o	or NAICS	lescription	n.)				
Restaurant (Commercial)	A. III, J.									
4151 N. IH 35 34. Mailing										
Address:										
, ((4), (5),	City	Round Rock	State	тх		ZIP	78664		ZIP + 4	
35. E-Mail Address:	stac	ymiller@bloomir	brands.com		Ł		I		I	I
36. Telephone Number	L		37. Extension or	Code		38. F	ax Numl	oer (if applica	ble)	
(727) 207-9270				·		() -			

(

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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.

(410) 878-4800

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

SECTION IV: Preparer Information

40. Name:	Devin D. King,	P.E.		41. Title:	Project Manager			
42. Telephone	42. Telephone Number 43. Ext./Code 44. Fax Number				45. E-Mail Address			
(737) 787-8638	l		() -	devin.king@	kimley-horn.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:	BAEV-LaSalle Round Rock University Boulevard, LLC	Job Title:	Vice Presi	dent	
Name (in Print):	Steven Schnur			Phone:	(410) 878- 4800
Signature:	Str. Old	.		Date:	5/19/2023