SEWAGE COLLECTION SYSTEM MODIFICATION for

ROUND ROCK I.S.D.
C.D. FULKES MIDDLE SCHOOL
and
BERKMAN ELEMENTARY SCHOOL

5707 Southwest Parkway, Building 2, Suite 250 Austin, Texas 78735 Tel: 512.306.8252 Fax: 512.306.7240 dunawayassociates.com

Texas Registered Engineering Firm No: F-1114

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Texas Commission on Environmental Quality

Edwards Aquifer Application Cover Page

Our Review of Your Application

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

Administrative Review

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

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

2. This Edwards Aquifer Application Cover Page form (certified by the applicant or agent) must be included in the application and brought to the administrative review meeting.

3. Administrative reviews are scheduled with program staff who will conduct the review. Applicants or their authorized agent should call the appropriate regional office, according to the county in which the project is located, to schedule a review. The average meeting time is one hour.

4. In the meeting, the application is examined for administrative completeness. Deficiencies will be noted by staff and emailed or faxed to the applicant and authorized agent at the end of the meeting, or shortly after. Administrative deficiencies will cause the application to be deemed incomplete and returned.

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

5. If an application is received by mail, courier service, or otherwise submitted without a review meeting, the administrative review will be conducted within 30 days. The applicant and agent will be contacted with the results of the administrative review. If the application is found to be administratively incomplete, it can be retrieved from the regional office or returned by regular mail. If returned by mail, the regional office may require arrangements for return shipping.

6. If the geologic assessment was completed before October 1, 2004 and the site contains “possibly sensitive” features, the assessment must be updated in accordance with the *Instructions to Geologists* (TCEQ-0585 Instructions).

Technical Review

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

2. A site assessment is usually conducted as part of the technical review, to evaluate the geologic assessment and observe existing site conditions. The site must be accessible to our staff. The site boundaries should be

clearly marked, features identified in the geologic assessment should be flagged, roadways marked and the alignment of the Sewage Collection System and manholes should be staked at the time the application is submitted. If the site is not marked the application may be returned.

3. We evaluate the application for technical completeness and contact the applicant and agent via Notice of Deficiency (NOD) to request additional information and identify technical deficiencies. There are two deficiency response periods available to the applicant. There are 14 days to resolve deficiencies noted in the first NOD. If a second NOD is issued, there is an additional 14 days to resolve deficiencies. If the response to the second notice is not received, is incomplete or inadequate, or provides new information that is incomplete or inadequate, the application must be withdrawn or will be denied. Please note that because the technical review is underway, whether the application is withdrawn or denied **the application fee will be forfeited**.
4. The program has 90 calendar days to complete the technical review of the application. If the application is technically adequate, such that it complies with the Edwards Aquifer rules, and is protective of the Edwards Aquifer during and after construction, an approval letter will be issued. Construction or other regulated activity may not begin until an approval is issued.

Mid-Review Modifications

It is important to have final site plans prior to beginning the permitting process with TCEQ to avoid delays.

Occasionally, circumstances arise where you may have significant design and/or site plan changes after your Edwards Aquifer application has been deemed administratively complete by TCEQ. This is considered a "Mid-Review Modification". Mid-Review Modifications may require redistribution of an application that includes the proposed modifications for public comment.

If you are proposing a Mid-Review Modification, two options are available:

- If the technical review has begun your application can be denied/withdrawn, your fees will be forfeited, and the plan will have to be resubmitted.
- TCEQ can continue the technical review of the application as it was submitted, and a modification application can be submitted at a later time.

If the application is denied/withdrawn, the resubmitted application will be subject to the administrative and technical review processes and will be treated as a new application. The application will be redistributed to the affected jurisdictions.

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

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

1. Regulated Entity Name C.D. FULKES MIDDLE SCHOOL AND BERKMAN ELEMENTARY					**2. Regulated Entity No.:** 102139714				
3. Customer Name: Round Rock Independent School District					**4. Customer No.:** CN600355358				
5. Project Type: **(Please circle/check one)**	New		(Modification)		Extension		Exception		
6. Plan Type: **(Please circle/check one)**	WPAP	CZP	(SCS)	UST	AST	EXP	EXT	Technical Clarification	Optional Enhanced Measures
7. Land Use: **(Please circle/check one)**	Residential		(Non-residential)			**8. Site (acres):**		7.076	
9. Application Fee:	$650.00		**10. Permanent BMP(s):**			NA			
11. SCS (Linear Ft.):	23		**12. AST/UST (No. Tanks):**			NA			
13. County:	Williamson		**14. Watershed:**			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.)	___	___	X
Region (1 req.)	___	___	X
County(ies)	___	___	X
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 X 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. Jessica Powers- Agent
Print Name of Customer/Authorized Agent Jessica Powers Digitally signed by Jessica Powers DN: C=US, E=jpowers@dunaway.com, CN=Jessica Powers Date: 2025.12.02 08:59:06-06'00' 12/2/2025
Signature of Customer/Authorized Agent Date

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

General Information Form

Texas Commission on Environmental Quality

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

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

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

Signature

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

Print Name of Customer/Agent: Jessica Powers- Agent

Date: 12-30-2025

Signature of Customer/Agent:

Jessica Powers Digitally signed by Jessica Powers
DN: C=US, E=jpowers@dunaway.com, CN=Jessica Powers
Date: 2026.01.04 22:48:21-06'00'

Project Information

1. Regulated Entity Name: CD Fulkes Middle School and Berkman Elementary
2. County: Williamson
3. Stream Basin: Brazos River
4. Groundwater Conservation District (If applicable): NA
5. Edwards Aquifer Zone:

   [x] Recharge Zone
   [ ] Transition Zone

6. Plan Type:

   [ ] WPAP
   [x] SCS
   [x] Modification
   [ ] AST
   [ ] UST
   [ ] Exception Request

7. Customer (Applicant):

Contact Person: Dennis Covington
Entity: Round Rock ISD Chief Operations Officer
Mailing Address: 16255 Great Oaks Drive, Suite 600
City, State: Round Rock, Texas Zip: 78681
Telephone: 512.464.5087 FAX: _____
Email Address: Dennis_Covington@roundrockisd.org

8. Agent/Representative (If any):

Contact Person: Jessica Powers
Entity: Dunaway Associates
Mailing Address: 5707 Southwest Parkway
City, State: Austin, Texas Zip: 78735
Telephone: 512-- FAX: _____
Email Address: jpowers@dunaway.com

9. Project Location:

[X] The project site is located inside the city limits of Round Rock
[ ] The project site is located outside the city limits but inside the ETJ (extra-territorial jurisdiction) of _____.
[ ] The project site is not located within any city's limits or ETJ.

10. [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.
The project site is located at the intersection of IH-35 and Round Rock Ave in the city of Round Rock, 300 W Anderson Ave, Round Rock, TX 78664

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. [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:

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

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

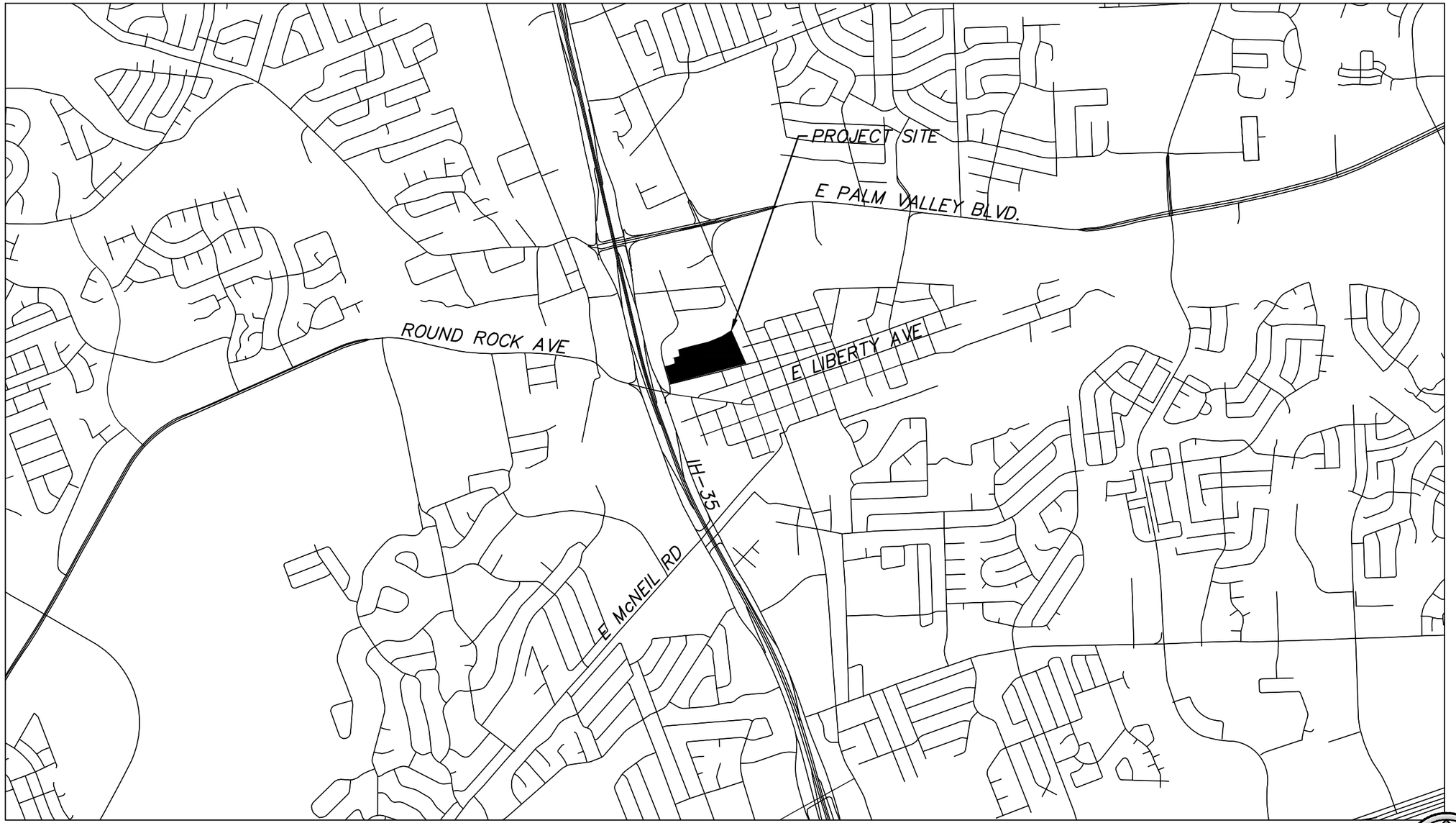
- ☒ TCEQ cashier
- ☒ Austin Regional Office (for projects in Hays, Travis, and Williamson Counties)
- ☐ San Antonio Regional Office (for projects in Bexar, Comal, Kinney, Medina, and Uvalde Counties)

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

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

Attachment A:

Road Map



BERKMAN ES AND FULKES MS

ROUND ROCK INDEPENDENT SCHOOL DISTRICT

300 W. ANDERSON AVE

DUNAWAY

5707 Southwest Pkwy • Bldg. 2 • Suite 250 • Austin, Texas 78735
Tel: 512.306.8252
(TX REG. F-1114)

0 2,000 4,000'

GRAPHIC SCALE IN FEET

PLOTTED BY: Gilberto Mota ON: Wednesday, November 12, 2025 AT: 4:52 PM FILEPATH: P:\013700\013728\001\Civil\Deliverables PDF\TCEQ\Orginized Sewage Collection System\Attachments\Attachment A.dwg

Attachment B:

USGS Map

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

The National Map US Topo

ROUND ROCK QUADRANGLE
TEXAS - WILLIAMSON COUNTY
7.5-MINUTE SERIES


GEORGETOWN
ROUND ROCK
BRUSHY CREEK
CEDAR PARK
Rabbit Hill
South Fork San Gabriel River
West Fork Smith Branch
Chandler Branch
Soil Conservation Service Site 10a Reservoir
Soil Conservation Service Site 10b Reservoir
Soil Conservation Service Site 11 Reservoir
Soil Conservation Service Site 13a Reservoir
Soil Conservation Service Site 17 Reservoir
Tri-modal Air Park
Christ Lutheran Church Memorial Garden
Georgetown Behavioral Health Institute
Saint Johns Cem
Union Hill Cem
Texas State University at Round Rock
Austin Community College - Round Rock Campus
Harrell Cem
Palm Valley Cem
Saint Richards Episcopal Memorial Garden
Round Rock Cem
Slave Cem
Hopewell Cem
Garden Of The Saints Columbarium
Ganzert Family Cem
Project Site
RANCH RD 2243
E WHITESTONE BLVD
CO RD 114
BLUE SPRINGS BLVD
LA CONTERRA BLVD
GEORGETOWN INNER LOOP
MADSON OAKS AVE
RABBIT HOLLOW LN
W 21ST ST
INDUSTRIAL AVE
QUAIL VALLEY DR
CO RD 110
CO RD 111
CO RD 166
CO RD 172
CO RD 173
CO RD 175
CO RD 112
CR 112
SAM HOLSTON AVE
FAIRHAVEN GTWY
SOUTHWESTERN BLVD
CONCHILLOS DR
MAEET DR
KILDARE DR
DONEGAL LN
FERRYMAN DR
COMMERCE BLVD
UNIVERSITY BLVD
TERAVISTA PKWY
HILLRIDGE DR
LAUREL RIDGE DR
HIDDEN VALLEY DR
HAWK GRASS
CHEYENNE ST
WALLEYE WAY
GULF WAY
SUNRISE RD
LUTHER PL
LAKE DR
DOUBLE FILE TRL
WILDERNESS PATH
SUNFLOWER DR
STEAM WAY
CLEARWATER TRL
DAVID CURRY DR
COUNTRY AIRE DR
E OLD SETTLERS BLVD
W OLD SETTLERS BLVD
HIDDEN GLEN DR
CHATELLE DR
GREENHEAD
PANTHER TRL
HENLEY DR
WOOD GLEN DR
CAMINO DEL VERDE PL
MASONWOOD WAY
WOODS BLVD
HOLLOW TREE BLVD
SYLVIA LN
PEACHTREE VALLEY DR
MEADOWS DR
NORTH MEADOWS CIR
FALCON DR
BRIGHTWATER BLVD
BRUSHY CREEK RD
SUNRISE PKWY
FERN MEADOW PKWY
CREEK BEND BLVD
OAKRIDGE DR
OAK MEADOW DR
SEA ASH CIR
OAK FOREST DR
SPRING CREEK RD
HEMITAGER
CEDAR VIEW
OAKWOOD BLVD
CLEAR WATER DR
COLUMBIA FALLS DR
BROKEN BRANCH DR
PARK VALLEY DR
PRESTON RIVER DR
MONUMENT DR
HILLROCK DR
OVERLAND ST
ROUND ROCK AVE
ROUND ROCK WEST DR
STONERIDGE
STONEBRIDGE
HILLSIDE DR
HARRIS CREEK
SUTTER CREEK TRL
BLUE RIDGE DR
STONE FOREST
CASTLEROCK DR
ARROYO BLUFF LN
PRAIRIE WAY
UPPER PASSAGE LN
FOSSILWOOD WAY
TOP ROCK LN
PILE NEEDLE CIR
NATIVE RANCH BLVD
NUTLAND DR
WEST HILLS DR
RANCH RD 1431
OAKFERN DR
ELM TRL
OLIVE OAKS DR
CHERRY OAK DR
EMERALD HILL DR
CARMEL DR
CURTIS DR
ANGELITO LN
PASADA LN
CASCADA LN
OLIVE GOAT ST
ELM WOOD LN
ACAVA LOOP
DALFAS
PORTLOCK DR
GOVINGS
COPPERDALE CIR
WYOMING SPRINGS DR
STONE CREEK DR
EAGLE WAY
CAMARILLO DR
BEHRENS PKWY
BEHRENS
SALORN WAY
WALSH RANCH BLVD
ALEXANDRITE WAY
HAZELWOOD WAY
ARBOR DR
OAK FOREST DR
IVY OAK CIR
RED OAK CIR
PECAN TREE LOOP
WALSH DR
ASHBURY RD
HANNOVER WAY
KINGSLEY AVE
STANYAN DR
HERMANN ST
ARROYO BLUFF LN
PRAIRIE WAY
CASTLEROCK DR
JOSEPHINE LN
STONE FOREST
BLUE RIDGE DR
FOSSILWOOD WAY
NUTLAND DR
WEST HILLS DR
RANCH RD 1431
E WHITESTONE BLVD
OAKFERN DR
ELM TRL
OLIVE OAKS DR
CHERRY OAK DR
EMERALD HILL DR
CARMEL DR
CURTIS DR
ANGELITO LN
PASADA LN
CASCADA LN
OLIVE GOAT ST
ELM WOOD LN
ACAVA LOOP
DALFAS
PORTLOCK DR
GOVINGS
COPPERDALE CIR
WYOMING SPRINGS DR
STONE CREEK DR
EAGLE WAY
CAMARILLO DR
BEHRENS PKWY
BEHRENS
SALORN WAY
WALSH RANCH BLVD
ALEXANDRITE WAY
HAZELWOOD WAY
ARBOR DR
IVY OAK CIR
RED OAK CIR
PECAN TREE LOOP
WALSH DR
OAK FOREST DR
SPRING CREEK RD
HEMITAGER
CEDAR VIEW
OAKWOOD BLVD
CLEAR WATER DR
COLUMBIA FALLS DR
BROKEN BRANCH DR
PARK VALLEY DR
PRESTON RIVER DR
MONUMENT DR
HILLROCK DR
OVERLAND ST
ROUND ROCK AVE
ROUND ROCK WEST DR
STONERIDGE
STONEBRIDGE
HILLSIDE DR
HARRIS CREEK
SUTTER CREEK TRL
BLUE RIDGE DR
STONE FOREST
CASTLEROCK DR
ARROYO BLUFF LN
PRAIRIE WAY
UPPER PASSAGE LN
FOSSILWOOD WAY
TOP ROCK LN
PILE NEEDLE CIR
NATIVE RANCH BLVD
NUTLAND DR
WEST HILLS DR
RANCH RD 1431

November 14, 2025

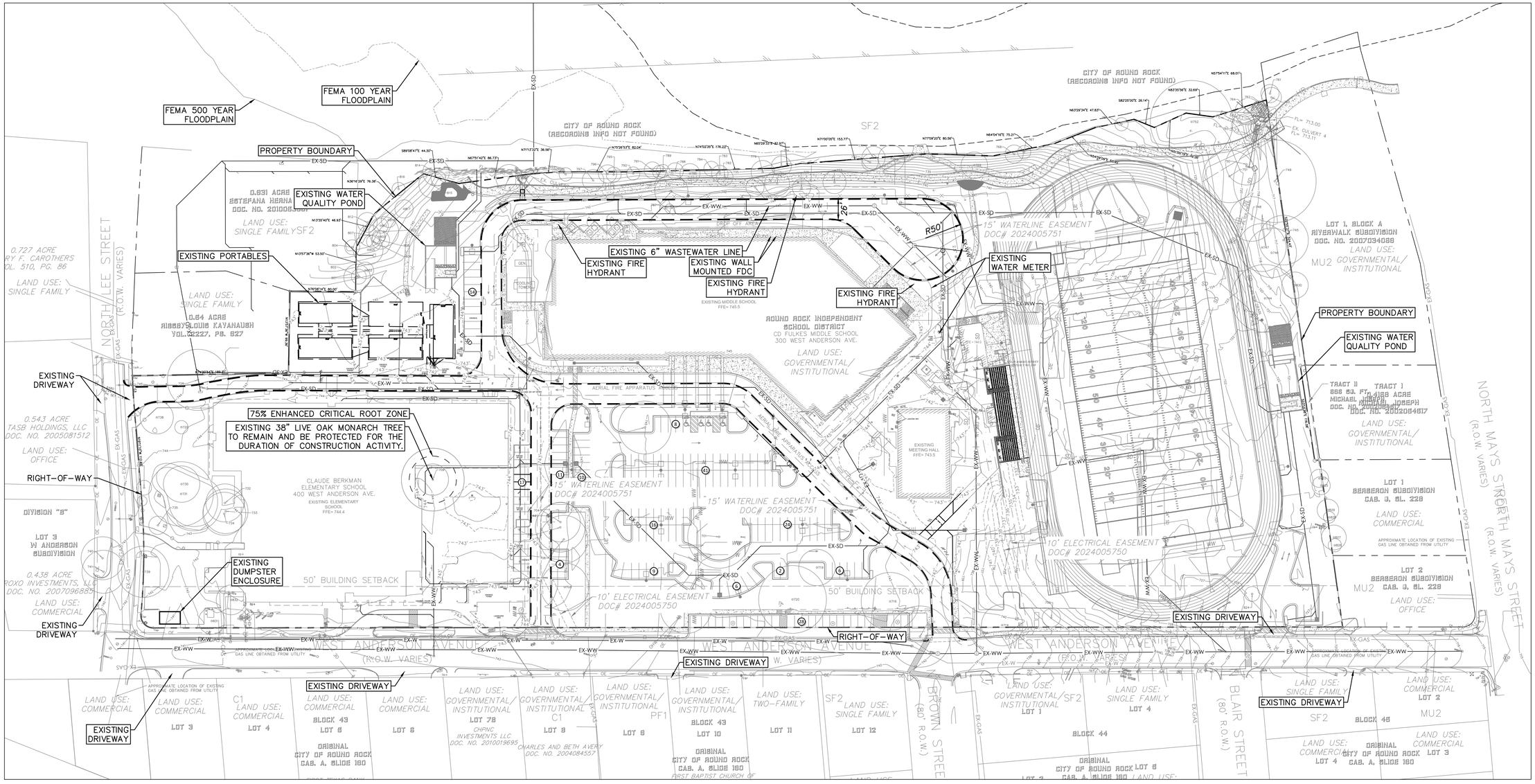
Attachment C

Project Description

The project site is 17.076 acres and it is owned by Round Rock Independent School District. The Site has two existing buildings, an elementary and middle school. The school district is proposing an addition to the existing elementary school building to accommodate their students that are taking classes in the temporary portable building. The existing elementary school will provide water service to the addition. The building addition to the existing elementary school will have to connect a new wastewater service line to an existing wastewater service line to service the building addition. The school district will be renovating the existing meeting hall that is detached from the middle school. The meeting hall renovation consists of adding a lobby with restroom. The restroom addition will have water and wastewater service from existing water and wastewater lines adjacent to the meeting hall. The elementary school wastewater service line is proposed to be a 3.75 linear feet, and the meeting hall is proposed to have a 20.7 linear feet wastewater service line. The existing portable buildings are to be removed and no proposed increase in impervious is proposed.

The site is within the City of Round Rock all purpose city limits and is within the Brushy Creek watershed which is classified as a Suburban Watershed. No modifications are proposed to the land use and driveways.

TREE LIST									
NO.	DESCRIPTION	729	9" PECAN	760	12" CEDAR ELM (8, 8)	789	8" CEDAR ELM	819	22" POST OAK
700 (H)	31" POST OAK	730	22" LIVE OAK	761	11" CEDAR ELM	790	8" WHITE OAK	820 (H)	26" POST OAK
701 (H)	38" POST OAK	731 (H)	39" LIVE OAK (32, 13)	762	10" CEDAR ELM	791	10" CEDAR ELM	821 (H)	36" LIVE OAK (26, 21)
702	17" POST OAK	732	23" LIVE OAK	763	11" AMERICAN ELM	792	8" CEDAR ELM	822	7" SPANISH OAK
703 (H)	25" POST OAK	733 (H)	27" LIVE OAK (19, 15)	764	16" CEDAR ELM	793	10" HACKBERRY (10, ILL)	823	8" SPANISH OAK
704	24" LIVE OAK	734 (H)	26" LIVE OAK	765	12" CEDAR ELM	794	8" HACKBERRY	824	9" CEDAR ELM
705 (H)	30" LIVE OAK	735	11" HACKBERRY	766	8" CEDAR	795	9" CEDAR ELM	825	11" AMERICAN ELM
706 (H)	29" LIVE OAK	736	6" PECAN	767	8" CEDAR	796	11" CEDAR ELM	826	8" CHINABERRY
707 (H)	24" LIVE OAK	737	9" PECAN	768	11" CEDAR ELM (8, 3, 2)	797	13" CEDAR ELM	827	15" CHINABERRY
708 (H)	29" LIVE OAK	738	20" PECAN	769	16" CEDAR ELM (16, ILL)	798	9" HACKBERRY	828	7" HACKBERRY
709 (H)	38" LIVE OAK (26, 24)	739 (H)	31" LIVE OAK	770	16" CEDAR (11, 10)	799	8" WHITE OAK	829	13" CHINABERRY (10, 7)
710	24" CEDAR ELM (PREVIOUSLY REMOVED)	740 (H)	26" LIVE OAK	771	14" WHITE OAK	800	16" CEDAR ELM	830	16" HACKBERRY
711 (H)	37" LIVE OAK (25, 23)	741 (H)	26" LIVE OAK	772	10" CEDAR	801	16" LIVE OAK	831	16" LIVE OAK
712	17" LIVE OAK (WITH BEEHIVE)	742 (H)	41" LIVE OAK	773	14" LIVE OAK	802	9" CEDAR ELM	832	18" PECAN (10, 9, 7)
713	23" LIVE OAK	743	9" SPANISH OAK	774	12" CEDAR ELM	803	10" WHITE OAK	833	15" HACKBERRY (11, 9)
714 (H)	25" LIVE OAK	744 (H)	41" LIVE OAK	775	11" CHINABERRY	804	9" CEDAR ELM	834	15" HACKBERRY (11, 8)
715	13" SPANISH OAK (9, 7)	745 (H)	30" LIVE OAK	776	15" CEDAR ELM (12, 6)	805	18" LIVE OAK		
716 (H)	35" POST OAK	746 (H)	30" LIVE OAK	777	12" CEDAR ELM (8, 7)	806	8" LIVE OAK		
717 (H)	25" LIVE OAK	747 (H)	29" LIVE OAK (20, 18)	778	11" CHINABERRY	807	13" LIVEOAK		
718 (H)	28" POST OAK	748 (H)	27" LIVE OAK	779	14" HACKBERRY (10, 8, ILL)	808	11" CEDAR ELM		
719	22" POST OAK	749 (H)	50" LIVE OAK	780	12" HACKBERRY	809	8" CEDAR ELM		
720 (H)	41" LIVE OAK	750 (H)	25" LIVE OAK	781	9" CEDAR ELM	810	18" CEDAR ELM (11, 8, 5)		
721 (H)	25" POST OAK	751 (H)	32" LIVE OAK	782	10" CEDAR ELM	811	9" CEDAR ELM		
722	16" POST OAK	752 (H)	50" LIVE OAK (50, ESTIMATE)	783	10" CEDAR ELM	812	12" CEDAR ELM (8, 7)		
723	11" CEDAR ELM (PREVIOUSLY REMOVED)	753 (H)	27" LIVE OAK	784	9" CEDAR ELM	813	9" CEDAR ELM (6, 5)		
724	12" LIVE OAK	754	22" LIVE OAK	785	12" CEDAR ELM	814	16" WHITE OAK (8, 8, 7)		
725 (H)	32" POST OAK	755 (H)	33" LIVE OAK	786	20" HACKBERRY (11, 9, 9)	815	16" CEDAR ELM (11, 9)		
726	19" HACKBERRY	756	16" LIVE OAK	787	20" CHINABERRY (15, 10)	816	8" WHITE OAK		
727	26" CHINABERRY (16, 10, 10)	757	11" LIVE OAK	788	10" CEDAR ELM	817	11" CEDAR ELM		
728 (H)	37" LIVE OAK	758	15" LIVE OAK			818	9" CEDAR ELM		



GRAPHIC SCALE IN FEET

60 0 60 120

1" = 60'

REVISIONS

NO.	DATE	DESCRIPTION
#	#	#
#	#	#
#	#	#
#	#	#
#	#	#

EXISTING CONDITIONS

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXEngFirm I-1114)

BERKMAN ES ADDITION & FULKES MS AUDITORIUM ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

10/24/2025

STATE OF TEXAS
GILBERTO MOTA
146585
LICENSED PROFESSIONAL ENGINEER

JOB NO.	B013728.001
DESIGNED BY:	#
DRAWN BY:	#
CHECKED BY:	######
DATE:	10/24/25
SHEET:	C3.01

FULL PATH: P:\01\37001\013728\001\Civil\CAD\Plot Sheets\EX-COM PL

FILENAME: EX-COM PL.dwg
PLOTTED BY: Andrew Walker
PLOTTED ON: Friday, October 24, 2025 9:47:33 AM

Y:\content shared\Work\Container Files\EN\240_Texas\Architecture\Vol1_2140_cecm\Architecture_2022.rvt

ORIGINAL SHEET - ARCH E1

SDP 25-00030

Geologic Assessment:

Not Applicable

Per email from James "Bo" Slone on 12/2/2025, a geologic assessment is not required for this submittal. Please review attached email for confirmation.

Geologic Assessment

Texas Commission on Environmental Quality

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

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

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

Signature

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

Print Name of Geologist: _____ Telephone: _____

Date: _____ Fax: _____

Representing: _____ (Name of Company and TBPG or TBPE registration number)

Signature of Geologist:

_____

Regulated Entity Name: _____

Project Information

1. Date(s) Geologic Assessment was performed: _____
2. Type of Project:

   ☐ WPAP ☐ AST
   ☐ SCS ☐ UST
3. Location of Project:

   ☐ Recharge Zone
   ☐ Transition Zone
   ☐ Contributing Zone within the Transition Zone

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

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

Table 1 - Soil Units, Infiltration Characteristics and Thickness

Soil Name	Group*	Thickness(feet)

** Soil Group Definitions (Abbreviated)*

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

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

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

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

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

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

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

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

9. Method of collecting positional data:

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

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

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

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

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

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

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

    ☐ There are _____ (#) wells present on the project site and the locations are shown and labeled. (Check all of the following that apply.)
    - ☐ The wells are not in use and have been properly abandoned.
    - ☐ The wells are not in use and will be properly abandoned.
    - ☐ The wells are in use and comply with 16 TAC Chapter 76.

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

Administrative Information

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

From: James Slone <james.slone@tceq.texas.gov>
Sent: Thursday, December 11, 2025 1:09 PM
To: Austin Carr <ACarr@dunaway.com>; Gilberto Mota <GMota@dunaway.com>
Subject: RE: [EXTERNAL]RE: Round Rock ISD Fulks Middle School

The Y is allowed, but the SCS begins at the convergence of the Y and continues down fradient – in other words include that little chunk as part of the SCS.
Bo

From: Austin Carr <ACarr@dunaway.com>
Sent: Thursday, December 11, 2025 10:59 AM
To: James Slone <james.slone@tceq.texas.gov>; Gilberto Mota <GMota@dunaway.com>
Subject: RE: [EXTERNAL]RE: Round Rock ISD Fulks Middle School

OK – another question (..by the way, appreciate all of your previous timely responses!)

For a private sewer system upstream of a manhole tie into main, are wyes/cleanouts allowed for lateral connections? Or must each lateral connection be installed with a manhole?

Austin Carr, PE
Sr. Discipline Lead | Associate
Dunaway
T 512.306.8252 **D** 512.298.0555 **C** 817.995.3867

From: James Slone <james.slone@tceq.texas.gov>
Sent: Tuesday, December 2, 2025 11:06 AM
To: Austin Carr <ACarr@dunaway.com>; Gilberto Mota <GMota@dunaway.com>
Subject: RE: [EXTERNAL]RE: Round Rock ISD Fulks Middle School

Austin,
You can proceed with submitting the SCS without the Geologic Assessment. Please note, if any features are discovered during our site assessment, you may be required to provide a Geologic Assessment.

Take care,
Bo

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

From: Austin Carr <ACarr@dunaway.com>
Sent: Tuesday, December 2, 2025 8:29 AM
To: Gilberto Mota <GMota@dunaway.com>; James Slone <james.slone@tceq.texas.gov>
Subject: RE: [EXTERNAL]RE: Round Rock ISD Fulks Middle School

Good morning Bo – I just wanted to follow up on my email below; will the SCS require a geologic assessment or can it be waived?

Austin Carr, PE
Sr. Discipline Lead | Associate
Dunaway
T 512.306.8252 **D** 512.298.0555 **C** 817.995.3867

From: Austin Carr
Sent: Thursday, November 20, 2025 3:35 PM
To: Gilberto Mota <GMota@dunaway.com>
Cc: James Slone <james.slone@tceq.texas.gov>
Subject: RE: [EXTERNAL]RE: Round Rock ISD Fulks Middle School

Looping all of the correspondence together – Bo, this is the same project I sent you on the WPAP exception question about the geologic assessment. Would that carry over to SCS?

Austin Carr, PE
Sr. Discipline Lead | Associate
Dunaway
T 512.306.8252 **D** 512.298.0555 **C** 817.995.3867

From: EAPP <eapp@tceq.texas.gov>
Sent: Thursday, November 20, 2025 2:42 PM
To: Gilberto Mota <GMota@dunaway.com>; EAPP <eapp@tceq.texas.gov>
Subject: [EXTERNAL]RE: Round Rock ISD Fulks Middle School

Gilberto,
You will need to contact the Central Gile Room and will likely need to submit a PIR.
https://www.tceq.texas.gov/agency/data
Sincerely,
Bo

James “Bo” Slone, P.G.
Team Leader

Edwards Aquifer Protection Program
Texas Commission on Environmental Quality
(512) 239-6994

From: Gilberto Mota <GMota@dunaway.com>
Sent: Tuesday, November 11, 2025 4:05 PM
To: EAPP <eapp@tceq.texas.gov>
Subject: Round Rock ISD Fulks Middle School

Hello,
We are preparing a site development plan for the subject site. The site is in the Edwards Recharge zone and a SCS application is required. This site has an approved SCS that was prepared in early 2021. Can a copy of the approved SCS be sharded? Approved SCS #11002271 dated 1/28/2021.

Also, is a SCS application required if the site improvement will be only for (2) building additions with 24 lf of WW line combined? The WW lines will be lateral lines connecting to existing main WW lines on site.

Gilberto Mota, PE
Project Engineer

DUNAWAY

T 512.306.8252 **D** 817.632.4791 **C** 830.765.2670
dunaway.com

Organized Sewage Collection System Application

Texas Commission on Environmental Quality

For Regulated Activities on the Edwards Aquifer Recharge Zone and Relating to 30 TAC §213.5(c), 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.

Regulated Entity Name: CD Fulkes Middle School and Berkman Elementary

1. [X] **Attachment A – SCS Engineering Design Report**. This Engineering Design Report is provided to fulfill the requirements of 30 TAC Chapter 217, including 217.10 of Subchapter A, §§217.51 – 217.70 of Subchapter C, and Subchapter D as applicable, and is required to be submitted with this SCS Application Form.

Customer Information

2. The entity and contact person responsible for providing the required engineering certification of testing for this sewage collection system upon completion (including private service connections) and every five years thereafter to the appropriate TCEQ region office pursuant to 30 TAC §213.5(c) is:

   Contact Person: Dennis Covington
   Entity: Round Rock ISD Chief Operations Officer
   Mailing Address: 16255 Great Oaks Drive, Suite 600
   City, State: Round Rock, Texas Zip: 78681
   Telephone: 512-464-5042 Fax: _____
   Email Address: Dennis_Covington@Roundrockisd.gov

   The appropriate regional office must be informed of any changes in this information within 30 days of the change.

3. The engineer responsible for the design of this sewage collection system is:

   Contact Person: Gilberto Mota
   Texas Licensed Professional Engineer's Number: 146585
   Entity: Dunaway Associates
   Mailing Address: 5707 Southwest Parkway
   City, State: Austin, Texas Zip: 78735
   Telephone: 512.306.8252 Fax: _____
   Email Address: gmota@dunaway.com

Project Information

4. Anticipated type of development to be served (estimated future population to be served, plus adequate allowance for institutional and commercial flows):

   ☐ Residential: Number of single-family lots: _____
   ☐ Multi-family: Number of residential units: _____
   ☐ Commercial
   ☐ Industrial
   ☐ Off-site system (not associated with any development)
   ☒ Other: School

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

   100 % Domestic — 5,812 gallons/day
   _____ % Industrial — _____ gallons/day
   _____ % Commingled — _____ gallons/day
   Total gallons/day: 5,812

6. Existing and anticipated infiltration/inflow is 3,000 gallons/day. This will be addressed by: _____.

7. A Water Pollution Abatement Plan (WPAP) is required for construction of any associated commercial, industrial or residential project located on the Recharge Zone.

   ☐ The WPAP application for this development was approved by letter dated _____. A copy of the approval letter is attached.
   ☒ The WPAP application for this development was submitted to the TCEQ on 12/30/25, but has not been approved.
   ☐ A WPAP application is required for an associated project, but it has not been submitted.
   ☐ There is no associated project requiring a WPAP application.

8. Pipe description:

Table 1 - Pipe Description

Pipe Diameter(Inches)	*Linear Feet (1)*	*Pipe Material (2)*	*Specifications (3)*
6	23	PVC-SDR26	ASTM D3034

Total Linear Feet: 23

(1) Linear feet - Include stub-outs and double service connections. Do not include private service laterals.
(2) Pipe Material - If PVC, state SDR value.
(3) Specifications - ASTM / ANSI / AWWA specification and class numbers should be included.

9. The sewage collection system will convey the wastewater to the Brushy Creek WWTP (name) Treatment Plant. The treatment facility is:

   [X] Existing
   [ ] Proposed

10. All components of this sewage collection system will comply with:

   [X] The City of Round Rock standard specifications.
   [ ] Other. Specifications are attached.

11. [X] No force main(s) and/or lift station(s) are associated with this sewage collection system.

   [ ] A force main(s) and/or lift station(s) is associated with this sewage collection system and the **Lift Station/Force Main System Application** form (TCEQ-0624) is included with this application.

Alignment

12. [X] There are no deviations from uniform grade in this sewage collection system without manholes and with open cut construction.

13. [X] There are no deviations from straight alignment in this sewage collection system without manholes.

   [ ] **Attachment B - Justification and Calculations for Deviation in Straight Alignment without Manholes**. A justification for deviations from straight alignment in this sewage collection system without manholes with documentation from pipe manufacturer allowing pipe curvature is attached.

   [ ] For curved sewer lines, all curved sewer line notes (TCEQ-0596) are included on the construction plans for the wastewater collection system.

Manholes and Cleanouts

14. [X] Manholes or clean-outs exist at the end of each sewer line(s). These locations are listed below: (Please attach additional sheet if necessary)

Table 2 - Manholes and Cleanouts

Line	*Shown on Sheet*	*Station*	*Manhole or Clean-out?*
WW-2	26 Of 50	0+00	Manhole
	Of		
	Of		
	Of		
	Of		
	Of		
	Of		

Line	*Shown on Sheet*	*Station*	*Manhole or Clean-out?*
	Of		
	Of		
	Of		

15. [X] Manholes are installed at all Points of Curvature and Points of Termination of a sewer line.

16. [X] The maximum spacing between manholes on this project for each pipe diameter is no greater than:

Pipe Diameter (inches)	Max. Manhole Spacing (feet)
6 - 15	500
16 - 30	800
36 - 48	1000
≥54	2000

[ ] **Attachment C – Justification for Variance from Maximum Manhole Spacing**. The maximum spacing between manholes on this project (for each pipe diameter used) is greater than listed in the table above. A justification for any variance from the maximum spacing is attached, and must include a letter from the entity which will operate and maintain the system stating that it has the capability to maintain lines with manhole spacing greater than the allowed spacing.

17. [X] All manholes will be monolithic, cast-in-place concrete.

[ ] The use of pre-cast manholes is requested for this project. The manufacturer's specifications and construction drawings, showing the method of sealing the joints, are attached.

Site Plan Requirements

Items 18 - 25 must be included on the Site Plan.

18. [X] The Site Plan must have a minimum scale of 1" = 400'.

Site Plan Scale: 1" = 20 '.

19. [X] The Site Plan must include the sewage collection system general layout, including manholes with station numbers, and sewer pipe stub outs (if any). Site plan must be overlain by topographic contour lines, using a contour interval of not greater than ten feet and showing the area within both the five-year floodplain and the 100-year floodplain of any drainage way.

20. Lateral stub-outs:

[ ] The location of all lateral stub-outs are shown and labeled.
[X] No lateral stub-outs will be installed during the construction of this sewer collection system.

21. Location of existing and proposed water lines:

[X] The entire water distribution system for this project is shown and labeled.
[ ] If not shown on the Site Plan, a Utility Plan is provided showing the entire water and sewer systems.
[ ] There will be no water lines associated with this project.

22. 100-year floodplain:

[X] After construction is complete, no part of this project will be in or cross a 100-year floodplain, either naturally occurring or manmade. (Do not include streets or concrete-lined channels constructed above of sewer lines.)
[ ] After construction is complete, all sections located within the 100-year floodplain will have water-tight manholes. These locations are listed in the table below and are shown and labeled on the Site Plan. (Do not include streets or concrete-lined channels constructed above sewer lines.)

Table 3 - 100-Year Floodplain

Line	*Sheet*	*Station*
	of	to
	of	to
	of	to
	of	to

23. 5-year floodplain:

[X] After construction is complete, no part of this project will be in or cross a 5-year floodplain, either naturally occurring or man-made. (Do not include streets or concrete-lined channels constructed above sewer lines.)
[ ] After construction is complete, all sections located within the 5-year floodplain will be encased in concrete or capped with concrete. These locations are listed in the table below and are shown and labeled on the Site Plan. (Do not include streets or concrete-lined channels constructed above sewer lines.)

Table 4 - 5-Year Floodplain

Line	*Sheet*	*Station*
	of	to
	of	to
	of	to
	of	to

24. [X] Legal boundaries of the site are shown.

25. [X] The ***final plans and technical specifications*** are submitted for the TCEQ's review. Each sheet of the construction plans and specifications are dated, signed, and sealed by the Texas Licensed Professional Engineer responsible for the design on each sheet.

Items 26 - 33 must be included on the Plan and Profile sheets.

26. [X] All existing or proposed water line crossings and any parallel water lines within 9 feet of sewer lines are listed in the table below. These lines must have the type of pressure rated pipe to be installed shown on the plan and profile sheets. Any request for a variance from the required pressure rated piping at crossings must include a variance approval from 30 TAC Chapter 290.

[X] There will be no water line crossings.
[ ] There will be no water lines within 9 feet of proposed sewer lines.

Table 5 - Water Line Crossings

Line	*Station or Closest Point*	*Crossing or Parallel*	*Horizontal Separation Distance*	*Vertical Separation Distance*

27. Vented Manholes:

[X] **No part** of this sewer line is within the 100-year floodplain and vented manholes are not required by 30 TAC Chapter 217.
[ ] **A portion** of this sewer line is within the 100-year floodplain and vented manholes will be provided at less than 1500 foot intervals. These water-tight manholes are listed in the table below and labeled on the appropriate profile sheets.
[ ] **A portion** of this sewer line is within the 100-year floodplain and an alternative means of venting shall be provided at less than 1500 feet intervals. A description of the alternative means is described on the following page.
[ ] **A portion** of this sewer line is within the 100-year floodplain; however, there is no interval longer than 1500 feet located within. No vented manholes will be used.

Table 6 - Vented Manholes

Line	*Manhole*	*Station*	*Sheet*

Line	*Manhole*	*Station*	*Sheet*

28. Drop manholes:

[X] There are no drop manholes associated with this project.
[ ] Sewer lines which enter new or existing manholes or "manhole structures" higher than 24 inches above the manhole invert are listed in the table below and labeled on the appropriate profile sheets. These lines meet the requirements of 30 TAC §217.55(l)(2)(H).

Table 7 - Drop Manholes

Line	*Manhole*	*Station*	*Sheet*

29. Sewer line stub-outs (For proposed extensions):

[ ] The placement and markings of all sewer line stub-outs are shown and labeled.
[X] No sewer line stub-outs are to be installed during the construction of this sewage collection system.

30. Lateral stub-outs (For proposed private service connections):

[ ] The placement and markings of all lateral stub-outs are shown and labeled.
[X] No lateral stub-outs are to be installed during the construction of this sewage collection system.

31. Minimum flow velocity (From Appendix A)

[X] Assuming pipes are flowing full; all slopes are designed to produce flows equal to or greater than 2.0 feet per second for this system/line.

32. Maximum flow velocity/slopes (From Appendix A)

[X] Assuming pipes are flowing full, all slopes are designed to produce maximum flows of less than or equal to 10 feet per second for this system/line.
[ ] **Attachment D – Calculations for Slopes for Flows Greater Than 10.0 Feet per Second.** Assuming pipes are flowing full, some slopes produce flows which are greater than 10 feet per second. These locations are listed in the table below. Calculations are attached.

Table 8 - Flows Greater Than 10 Feet per Second

Line	*Profile Sheet*	*Station to Station*	*FPS*	*% Slope*	*Erosion/Shock Protection*

33. Assuming pipes are flowing full, where flows are ≥ 10 feet per second, the provisions noted below have been made to protect against pipe displacement by erosion and/or shock under 30 TAC §217.53(l)(2)(B).

☐ Concrete encasement shown on appropriate Plan and Profile sheets for the locations listed in the table above.
☐ Steel-reinforced, anchored concrete baffles/retards placed every 50 feet shown on appropriate Plan and Profile sheets for the locations listed in the table above.
☒ N/A

Administrative Information

34. ☒ The final plans and technical specifications are submitted for TCEQ review. Each sheet of the construction plans and specifications are dated, signed, and sealed by the Texas Licensed Professional Engineer responsible for the design on each sheet.

35. ☐ Standard details are shown on the detail sheets, which are dated, signed, and sealed by the Texas Licensed Professional Engineer, as listed in the table below:

Table 9 - Standard Details

Standard Details	*Shown on Sheet*
Lateral stub-out marking **[Required]**	27 of 50
Manhole, showing inverts comply with 30 TAC §217.55(l)(2) **[Required]**	27 of 50
Alternate method of joining lateral to existing SCS line for potential future connections **[Required]**	of
Typical trench cross-sections **[Required]**	27 of 50
Bolted manholes **[Required]**	of
Sewer Service lateral standard details **[Required]**	27 of 50
Clean-out at end of line **[Required, if used]**	27 of 50
Baffles or concrete encasement for shock/erosion protection **[Required, if flow velocity of any section of pipe >10 fps]**	of
Detail showing Wastewater Line/Water Line Crossing **[Required, if crossings are proposed]**	of
Mandrel detail or specifications showing compliance with 30 TAC §217.57(b) and (c) **[Required, if Flexible Pipe is used]**	of

Standard Details	*Shown on Sheet*
Drop manholes **[Required, if a pipe entering a manhole is more than 24 inches above manhole invert]**	of

36. [X] All organized sewage collection system general construction notes (TCEQ-0596) are included on the construction plans for this sewage collection system.

37. [X] All proposed sewer lines will be sufficiently surveyed/staked to allow an assessment prior to TCEQ executive director approval. If the alignments of the proposed sewer lines are not walkable on that date, the application will be deemed incomplete and returned.

    [ ] Survey staking was completed on this date: _____

38. [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.

39. [X] Any modification of this SCS application will require TCEQ approval, prior to construction, and may require submission of a revised application, with appropriate fees.

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 **Organized Sewage Collection System Application** is hereby submitted for TCEQ review and executive director approval. The system was designed in accordance with the requirements of 30 TAC §213.5(c) and 30 TAC §217 and prepared by:

Print Name of Licensed Professional Engineer: Gilberto Mota

Date: 12/30/25

Place engineer's seal here:



Signature of Licensed Professional Engineer:

Appendix A-Flow Velocity Table

Flow Velocity (Flowing Full) All gravity sewer lines on the Edwards Aquifer Recharge Zone shall be designed and constructed with hydraulic slopes sufficient to give a velocity when flowing full of not less than 2.0 feet per second, and not greater than 10 feet per second. The grades shown in the following table are based on Manning's formula and an n factor of 0.013 and shall be the minimum and maximum acceptable slopes unless provisions are made otherwise.

Table 10 - Slope Velocity

Pipe Diameter(Inches)	*% Slope required for minimum flow velocity of 2.0 fps*	*% Slope which produces flow velocity of 10.0 fps*
6	0.50	12.35
8	0.33	8.40
10	0.25	6.23
12	0.20	4.88
15	0.15	3.62
18	0.11	2.83
21	0.09	2.30
24	0.08	1.93
27	0.06	1.65
30	0.055	1.43
33	0.05	1.26
36	0.045	1.12
39	0.04	1.01
>39	*	*

**For lines larger than 39 inches in diameter, the slope may be determined by Manning's formula (as shown below) to maintain a minimum velocity greater than 2.0 feet per second when flowing full and a maximum velocity less than 10 feet per second when flowing full.*

$$v = \frac{1.49}{n} \times R_h^{0.67} \times \sqrt{S}$$

Figure 1 - Manning's Formula

Where:

v = velocity (ft/sec)
n = Manning's roughness coefficient (0.013)
Rh = hydraulic radius (ft)
S = slope (ft/ft)

Attachment A:

SCS Engineering Design Report

SEWAGE COLLECTION SYSTEM
ENGINEERING DESIGN REPORT

FOR

CD FULKES MIDDLE SCHOOL
AND BERKMAN ELEMENTARY SCHOOL
300 W ANDERSON AVE.
ROUND ROCK, TEXAS 78664

PREPARED FOR
ROUND ROCK INDEPENDENT SCHOOL DISTRICT

DECEMBER 2025



PREPARED BY:

DUNAWAY ASSOCIATES
STATE OF TEXAS FIRM REG. NO. F-1114
5707 SOUTHWEST PARKWAY, BUILDING 2, SUITE 250
AUSTIN, TEXAS 78735
(512) 306-8252

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Design	1

Exhibit

1 Location Map
2 Calculations – Sewer Pipe Capacity

TCEQ-0582 Organized Sewage Collection System Application

Attachment A – SCS Engineering Design Report

The site consists of two schools CD Fulkes Middle School and Berkman Elementary School. CD Fulkes is currently a one single multi-story middle school building and plans to renovate an existing detached building (Meeting Hall). Berkman Elementary School is currently a one single one-story building and plans to add an addition building to the existing building. There is a current SCS permit for renovation and new middle school building. The proposed renovation to the Meeting Hall and the new addition to the Berkman school create a modification to the current SCS. There are two portions of wastewater line connections included in this modified SCS application:

1. Existing (Private) 6" wastewater line WW-LN-A along the east of the Meeting Hall will be used to install proposed wastewater manhole (see sheet **22 of 61 Water & Wastewater Plan** by Stantec in 2022)
2. The Meeting Hall is to connect to an existing 6" wastewater line. A wastewater manhole is to be installed to make wastewater line connection from Meeting Hall to the existing 6" wastewater line. A proposed 4" wastewater line connecting the Meeting Hall to the Proposed wastewater manhole. (see sheet **C11.02 Utility Plan** of Site Plan prepared by Dunaway)
3. Existing (Private) 6" wastewater line along the east of Berkman Elementary School will be used to connect the wastewater line connection (see sheet **22 of 61 Water & Wastewater Plan** by Stantec in 2022)
4. The proposed 4" wastewater line connecting the addition building with a WYE (see sheet **C11.01 Utility Plan** of Site Plan prepared by Dunaway)

Since this SCS is designed after August 28, 2008, 30 TAC Chapter 217, Subchapter A §217.1 and Subchapter C §217.51 applies to this system.

This SCS is located in Edwards Aquifer Recharge zone. The SCS will be designed and installed in accordance with Chapter 213 of this title (relating to Edwards Aquifer), in addition to 30 TAC Chapter 217, Subchapter C.

This SCS designed to transport the peak flow from the service area, plus infiltration and inflow. The design minimizes inflow and infiltration. This SCS is designed to meet requirements in §§217.51 – 217.70 of Subchapter C, and Subchapter D as applicable.

Flow Calculations:
In sizing sewers, external contributions are accounted for by including 750 gallons per day per acre served for inflow and infiltration.
Berkman Elementary School - The total area in use is around 5 acres,
inflow and infiltration=750*5 gallons/day = **2,250 gal./day**

In sizing sewers, external contributions are accounted for by including 750 gallons per day per acre served for inflow and infiltration.
Meeting Hall - The total area in use is around 7 acres,
inflow and infiltration=750*7 gallons/day = **5,250 gal./day**

Peak Dry Weather Flow (PDWF) is derived from the formula:

Berkman Elementary School -
Qpd = [(18+(0.0206 × F)^ 0.5)/(4+(0.0206 × F)^ 0.5)] × F = **14,400 gal./day**

where: F = 20 gal./person/day × population = 20 gal./person/day x168 students = **3,360 gal./day** (F from 30 TAC §285.91(3) Table III)

Peak Wet Weather Flow (PWWF) = PDWF+ inflow and infiltration = 14,400 gal./day + 2,250 gal./day = **16,650 gal./day**

The flow peaking factor= (14,400 gal./day)/ (16,650 gal./day) = **0.86**

Meeting Hall -
Qpd = [(18+(0.0206 × F)^ 0.5)/(4+(0.0206 × F)^ 0.5)] × F = **10,656 gal./day**

where: F = 4 gal./person/day × population = 4 gal./person/day x 613 students = **2,452 gal./day** (F from 30 TAC §285.91(3) Table III)

Peak Wet Weather Flow (PWWF)=PDWF+ inflow and infiltration = 10,656 gal./day + 5,250 gal./day = **15,906 gal./day**

The flow peaking factor= (10,656 gal./day)/ (15,906 gal./day) = **0.67**

Exhibit 1
Location Map

5707 Southwest Parkway, Building 2, Suite 250 Austin, Texas 78735 Tel: 512.306.8252 Fax: 512.306.7240 dunawayassociates.com
Texas Registered Engineering Firm No: F-1114

Exhibit 2
Calculations
Sewer Pipe Capacity

5707 Southwest Parkway, Building 2, Suite 250 Austin, Texas 78735 Tel: 512.306.8252 Fax: 512.306.7240 dunawayassociates.com
Texas Registered Engineering Firm No: F-1114

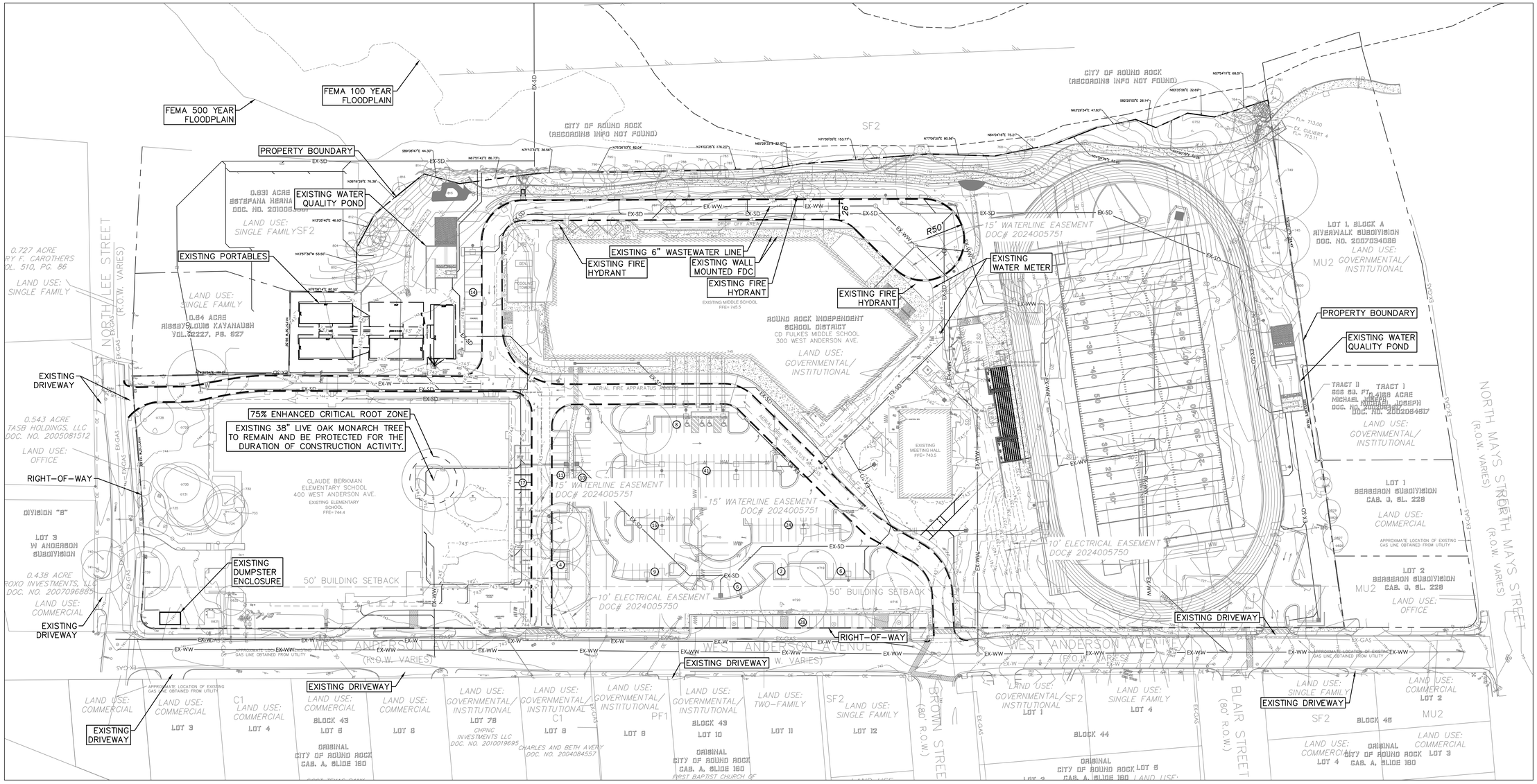
BERKMAN ELEMENTARY SCHOOL												
STUDENTS =	168											
12 GPD PER STUDENT PER TCEQ												
n=	0.013											
AVERAGE DAILY FLOW (GPD)	AVERAGE FLOW (GPM)	PEAK FLOW	PEAK DRY WEATHER FLOW (GPM)	SUM DRAINGE AREA (ac.)	INFILTRATION AT 750 GPD/ac (GPM)	PEAK WET WEATHER FLOW (GPM)	PROPOSED PIPE DIAMETER (IN)	PROPOSED SLOPE (%)	PIPE AREA (A)	PIPE WETTED PERIMETER (R)	PIPE FULL CAPACITY (GPM)	PIPE FULL VELOCITY (FPS)	PERCENT OF FULL PIPE CAPACITY FOR PEAK WET WEATHER FLOW
3360.00	2.33	4.32	10.08	5	2.60	12.68	6	2	0.20	0.125	357.12	4.05	4%

MEETING HALL												
SEATS=	613											
4 GPD PER SEATS PER TCEQ												
n=	0.013											
AVERAGE DAILY FLOW (GPD)	AVERAGE FLOW (GPM)	PEAK FLOW	PEAK DRY WEATHER FLOW (GPM)	SUM DRAINGE AREA (ac.)	INFILTRATION AT 750 GPD/ac (GPM)	PEAK WET WEATHER FLOW (GPM)	PROPOSED PIPE DIAMETER (IN)	PROPOSED SLOPE (%)	PIPE AREA (A)	PIPE WETTED PERIMETER (R)	PIPE FULL CAPACITY (GPM)	PIPE FULL VELOCITY (FPS)	PERCENT OF FULL PIPE CAPACITY FOR PEAK WET WEATHER FLOW
2452.00	1.70	4.34	7.40	7	3.65	11.04	6	2	0.20	0.125	357.12	4.05	3%

Attachment:

Utility Plans

TREE LIST									
NO.	DESCRIPTION	729	9" PECAN	760	12" CEDAR ELM (8, 8)	789	8" CEDAR ELM	819	22" POST OAK
700 (H)	31" POST OAK	730	22" LIVE OAK	761	11" CEDAR ELM	790	8" WHITE OAK	820 (H)	26" POST OAK
701 (H)	38" POST OAK	731 (H)	39" LIVE OAK (32, 13)	762	10" CEDAR ELM	791	10" CEDAR ELM	821 (H)	36" LIVE OAK (26, 21)
702	17" POST OAK	732	23" LIVE OAK	763	11" AMERICAN ELM	792	8" CEDAR ELM	822	7" SPANISH OAK
703 (H)	25" POST OAK	733 (H)	27" LIVE OAK (19, 15)	764	16" CEDAR ELM	793	10" HACKBERRY (10, ILL)	823	8" SPANISH OAK
704	24" LIVE OAK	734 (H)	26" LIVE OAK	765	12" CEDAR ELM	794	8" HACKBERRY	824	9" CEDAR ELM
705 (H)	30" LIVE OAK	735	11" HACKBERRY	766	8" CEDAR	795	9" CEDAR ELM	825	11" AMERICAN ELM
706 (H)	29" LIVE OAK	736	6" PECAN	767	8" CEDAR	796	11" CEDAR ELM	826	8" CHINABERRY
707 (H)	24" LIVE OAK	737	9" PECAN	768	11" CEDAR ELM (8, 3, 2)	797	13" CEDAR ELM	827	15" CHINABERRY
708 (H)	29" LIVE OAK	738	20" PECAN	769	16" CEDAR ELM (16, ILL)	798	9" HACKBERRY	828	7" HACKBERRY
709 (H)	38" LIVE OAK (26, 24)	739 (H)	31" LIVE OAK	770	16" CEDAR (11, 10)	799	8" WHITE OAK	829	13" CHINABERRY (10, 7)
710	24" CEDAR ELM (PREVIOUSLY REMOVED)	740 (H)	26" LIVE OAK	771	14" WHITE OAK	800	16" CEDAR ELM	830	16" HACKBERRY
711 (H)	37" LIVE OAK (25, 23)	741 (H)	26" LIVE OAK	772	10" CEDAR	801	16" LIVE OAK	831	16" LIVE OAK
712	17" LIVE OAK (WITH BEEHIVE)	742 (H)	41" LIVE OAK	773	14" LIVE OAK	802	9" CEDAR ELM	832	18" PECAN (10, 9, 7)
713	23" LIVE OAK	743	9" SPANISH OAK	774	12" CEDAR ELM	803	10" WHITE OAK	833	15" HACKBERRY (11, 9)
714 (H)	25" LIVE OAK	744 (H)	41" LIVE OAK	775	11" CHINABERRY	804	9" CEDAR ELM	834	15" HACKBERRY (11, 8)
715	13" SPANISH OAK (9, 7)	745 (H)	30" LIVE OAK	776	15" CEDAR ELM (12, 6)	805	18" LIVE OAK		
716 (H)	35" POST OAK	746 (H)	30" LIVE OAK	777	12" CEDAR ELM (8, 7)	806	8" LIVE OAK		
717 (H)	25" LIVE OAK	747 (H)	29" LIVE OAK (20, 18)	778	11" CHINABERRY	807	13" LIVEOAK		
718 (H)	28" POST OAK	748 (H)	27" LIVE OAK	779	14" HACKBERRY (10, 8, ILL)	808	11" CEDAR ELM		
719	22" POST OAK	749 (H)	50" LIVE OAK	780	12" HACKBERRY	809	8" CEDAR ELM		
720 (H)	41" LIVE OAK	750 (H)	25" LIVE OAK	781	9" CEDAR ELM	810	18" CEDAR ELM (11, 8, 5)		
721 (H)	25" POST OAK	751 (H)	32" LIVE OAK	782	10" CEDAR ELM	811	9" CEDAR ELM		
722	16" POST OAK	752 (H)	50" LIVE OAK (50, ESTIMATE)	783	10" CEDAR ELM	812	12" CEDAR ELM (8, 7)		
723	11" CEDAR ELM (PREVIOUSLY REMOVED)	753 (H)	27" LIVE OAK	784	9" CEDAR ELM	813	9" CEDAR ELM (6, 5)		
724	12" LIVE OAK	754	22" LIVE OAK	785	12" CEDAR ELM	814	16" WHITE OAK (8, 8, 7)		
725 (H)	32" POST OAK	755 (H)	33" LIVE OAK	786	20" HACKBERRY (11, 9, 9)	815	16" CEDAR ELM (11, 9)		
726	19" HACKBERRY	756	16" LIVE OAK	787	20" CHINABERRY (15, 10)	816	8" WHITE OAK		
727	26" CHINABERRY (16, 10, 10)	757	11" LIVE OAK	788	10" CEDAR ELM	817	11" CEDAR ELM		
728 (H)	37" LIVE OAK	758	15" LIVE OAK			818	9" CEDAR ELM		



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REVISIONS

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EXISTING CONDITIONS

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXENGFIRM I-1114)

BERKMAN ES ADDITION & FULKES MS AUDITORIUM ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

10/24/2025

STATE OF TEXAS
GILBERTO MOTA
146585
LICENSED PROFESSIONAL ENGINEER

JOB NO.	B013728.001
DESIGNED BY:	#
DRAWN BY:	#
CHECKED BY:	######
DATE:	10/24/25
SHEET:	C3.01

SDP 25-00030

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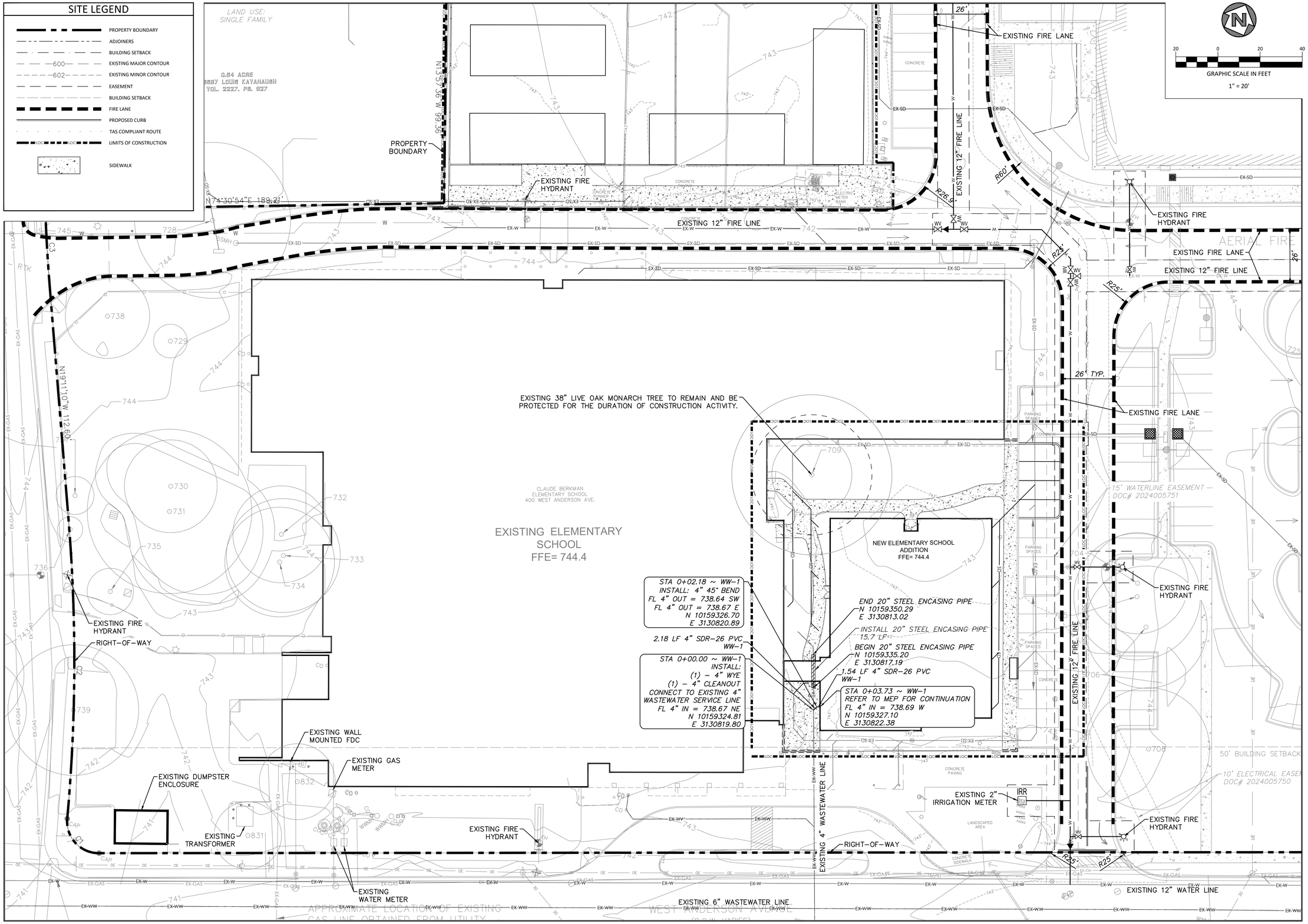

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UTILITY PLAN 1 OF 2

DUNAWAY
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10/24/2025
STATE OF TEXAS
GILBERTO MOTA
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LICENSED
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JOB NO.	B013728.001
DESIGNED BY:	#
DRAWN BY:	#
CHECKED BY:	#####
DATE:	10/24/25
SHEET:	C11.01

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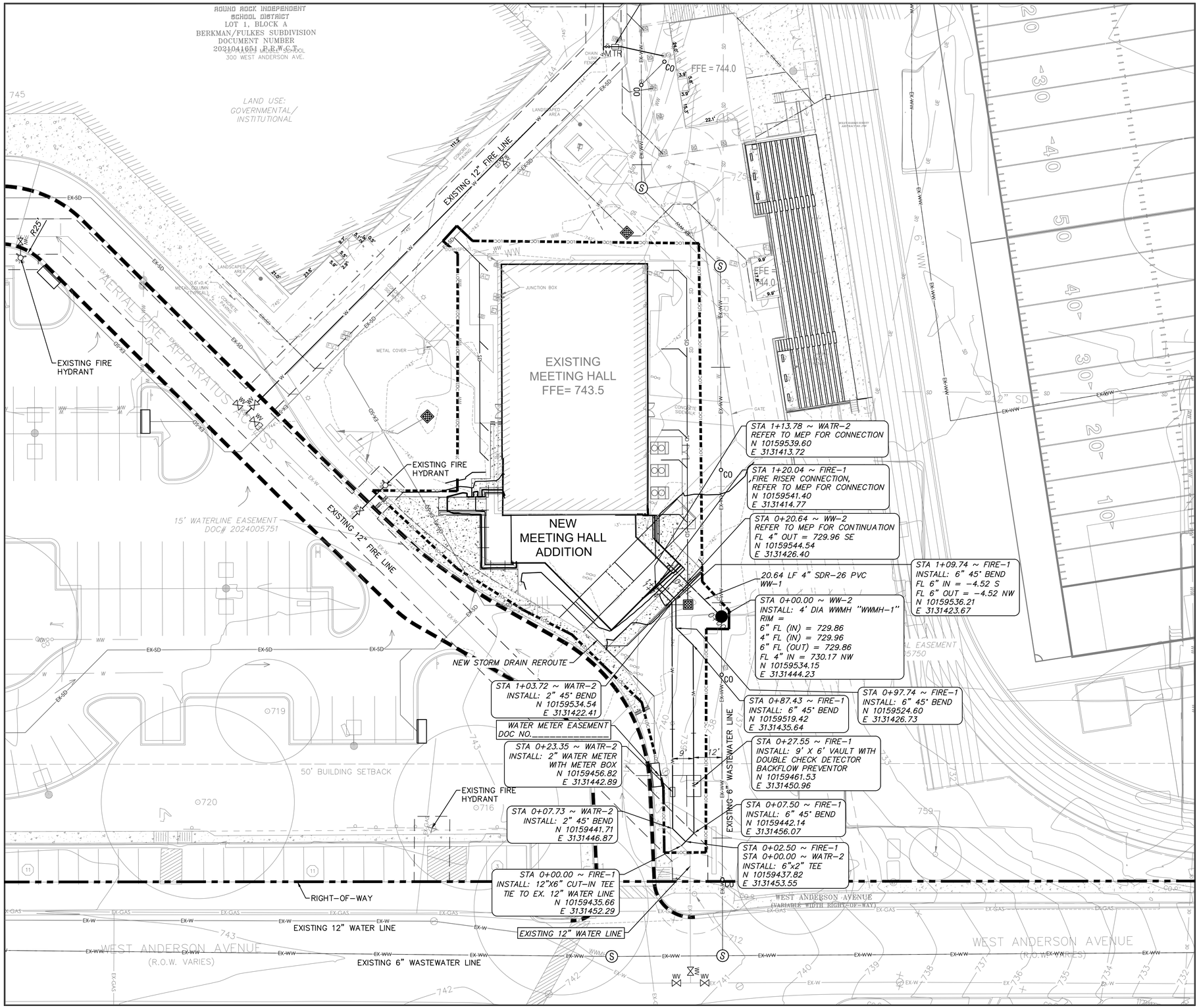
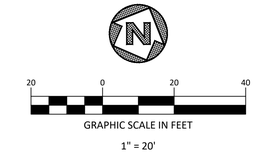
PLOTTED ON: Friday, October 24, 2025

SDP 25-00030





SITE LEGEND

- PROPERTY BOUNDARY
- ADJOINERS
- BUILDING SETBACK
- 600 EXISTING MAJOR CONTOUR
- 602 EXISTING MINOR CONTOUR
- EASEMENT
- BUILDING SETBACK
- FIRE LANE
- PROPOSED CURB
- TAS COMPLIANT ROUTE
- LOC LIMITS OF CONSTRUCTION
- SIDEWALK
- W PROPOSED WATER LINE
- WW PROPOSED WASTEWATER LINE
- PROPOSED MANHOLE

REVISIONS

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UTILITY PLAN 2 OF 2

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
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10/24/2025

STATE OF TEXAS
GILBERTO MOTA
146585
LICENSED
PROFESSIONAL ENGINEER

JOB NO.	B013728.001
DESIGNED BY:	#
DRAWN BY:	#
CHECKED BY:	#####
DATE:	10/24/25
SHEET:	C11.02

SDP 25-00030

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: Jessica Powers

Date: 12-30-2025

Signature of Customer/Agent:

Jessica Powers Digitally signed by Jessica Powers
DN: C=US, E=jpowers@dunaway.com, CN=Jessica Powers
Date: 2026.01.04 23:16:13-06'00'

Regulated Entity Name: CD Fulkes Middle School and Berkman Elementary

Project Information

Potential Sources of Contamination

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

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

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

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

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

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

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

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

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

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

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

Sequence of Construction

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

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

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

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

Temporary Best Management Practices (TBMPs)

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

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

[X] 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.

[X] 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.

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

[X] 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.

   [X] 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. [X] **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. [ ] 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.

TCEQ 0602 Temporary Stormwater Section

Attachment A – Spill Response Actions

The scope of the project consists of installing of classroom addition, water and wastewater services, sidewalk, crosswalk with barrier-free ramps and fencing. Big trucks, machinery and generators are not necessary for the project. Fuels and hazardous substances will not be stored on the site.

Any discharge containment measures provided at the site are limited to the use of spill kit materials and hand tools to capture released materials before they can leave the property. Spills kits, shovels and sand or other absorbent materials are kept onsite. Shovels can be used to build low containment dikes and sand, or absorbents can be used to absorb free liquids and clean up minor spills and leaks.

If major spills happen, the actions below should be taken:

1. Report to TCEQ within 24 hours any noncompliance with this WPAP that will endanger public health or the environment. Follow up with a written report within 5 days of the noncompliance event. The following events require 24-hour reporting: a) any unanticipated bypass which exceeds any effluent limitation in the permit, b) any upset which exceeds any effluent limitation in the permit, and c) a violation of a maximum daily discharge limitation for any of the pollutants listed by the TPDES General Permit TXR150000 are to be reported within 24 hours. The written submission must contain a description of the non-compliance and its cause; the period of non-compliance, including exact dates and times, and if the non-compliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the non-compliance.
2. Spills or Releases of Hazardous Substances or Oil in excess of reportable quantities (as established under 40 CFR Part 110, 40 CFR Part 117 or 40 CFR Part 302) must be reported immediately, and in no case any longer than 24 hours subsequent from the occurrence of the spill or release. Contact Info Track at 1-888-429-6281 (1-888-HAZMAT 1) to determine whether the spill is reportable. Reports shall be made to the US EPA National Response Center (1-800-424-8802). The permitee must also report any spills or releases to the Environmental Emergency Response at TCEQ.

Attachment B – Potential Sources of Contamination

Potential Sources of Contamination		
Pollutant	**Activity**	**Response**
Solvents, stains, paints, preservatives	Contractors during construction	It will be either removed off-site daily or be confined to a specific locked area. Spent liquids will be removed by contractors.
Fuels, grease, and oils	Trucks, machinery used during construction activity	No maintenance will be performed on site. Any minor leak will be cleaned with spill kit/sand and will be disposed properly afterwards.
Sediment	General construction activity	Sediment and erosion control measures will be set up prior to soil disturbance.
Concrete compounds	General construction	Contractor will remove all waste from site.
Sanitary/septic systems	General construction	Portable toilets will be located in designated sites within the construction site. Licensed sanitary sewer services will ensure facilities are in working order at all times.
Excess water from construction	General construction	Pump or dump water into vegetated areas or designated areas that contain BMPs.

Attachment C – Sequence of Major Activities

1. Pull all necessary permits;
2. Demolition and removal of existing structures, fencing, curbs, roads, pavers, planters, sidewalks;
3. Install temporary sediment controls: mulch socks and inlet protections in the locations shown on the Erosion and Sedimentation Control (ESC) sheet;
4. Begin clearing and grubbing operations; clearing and grubbing shall be done only in areas where earthwork will be performed;
5. Install portable classrooms and ramps
6. Start construction of sidewalk;
7. Trench for utility connections;
8. Disturbed areas of the site where construction activity has ceased for more than 14 days shall be temporarily seeded and watered;
9. Finalize pavement sub grade preparation;
10. Install base/gravel material as required for pavement;
11. Pave the site with final wear surfaces;
12. Install permanent seeding and plantings;
13. Remove all temporary erosion and sediment control device;

14. Permanent stabilization

Attachment D – Temporary Best Management Practices and Measures

Mulch Socks:
Mulch socks will be installed along any perimeter areas of the site that will receive pollutant discharges, as well as right before discharge into the water quality pond. Periodic check will be performed for bypasses and undercutting after rainstorms. Sediment will be removed before it reaches halfway up the exposed filter log. Additional stakes to firm up bypass or undercut areas will be installed when needed.

Inlet Protection:
Inlet protection devices intercept and/or filter sediment before it can be transported from a site into the storm drain system and discharged into a lake, river, stream, wetland, or other waterbody.

Surface Roughening:
Surface roughening will be used to temporarily stabilize disturbed areas before final stabilization and revegetation to prevent erosion of disturbed area.

Natural Existing Vegetation:
Natural existing vegetation will be preserved on the project site, to the extent practical, to minimize ground disturbance, erosion potential, and movement of stormwater off-site. Site clearing will be limited to those areas essential for construction of the project. By reducing the extent of the disturbed area, the load of sediment to surface waters will also be reduced.
No fuel, hazardous waste, chemicals and fertilizers will be stored on site. Contaminated stormwater runoff from the site will be filtered by the mulch socks and natural existing vegetation, and then discharge into the water quality pond.

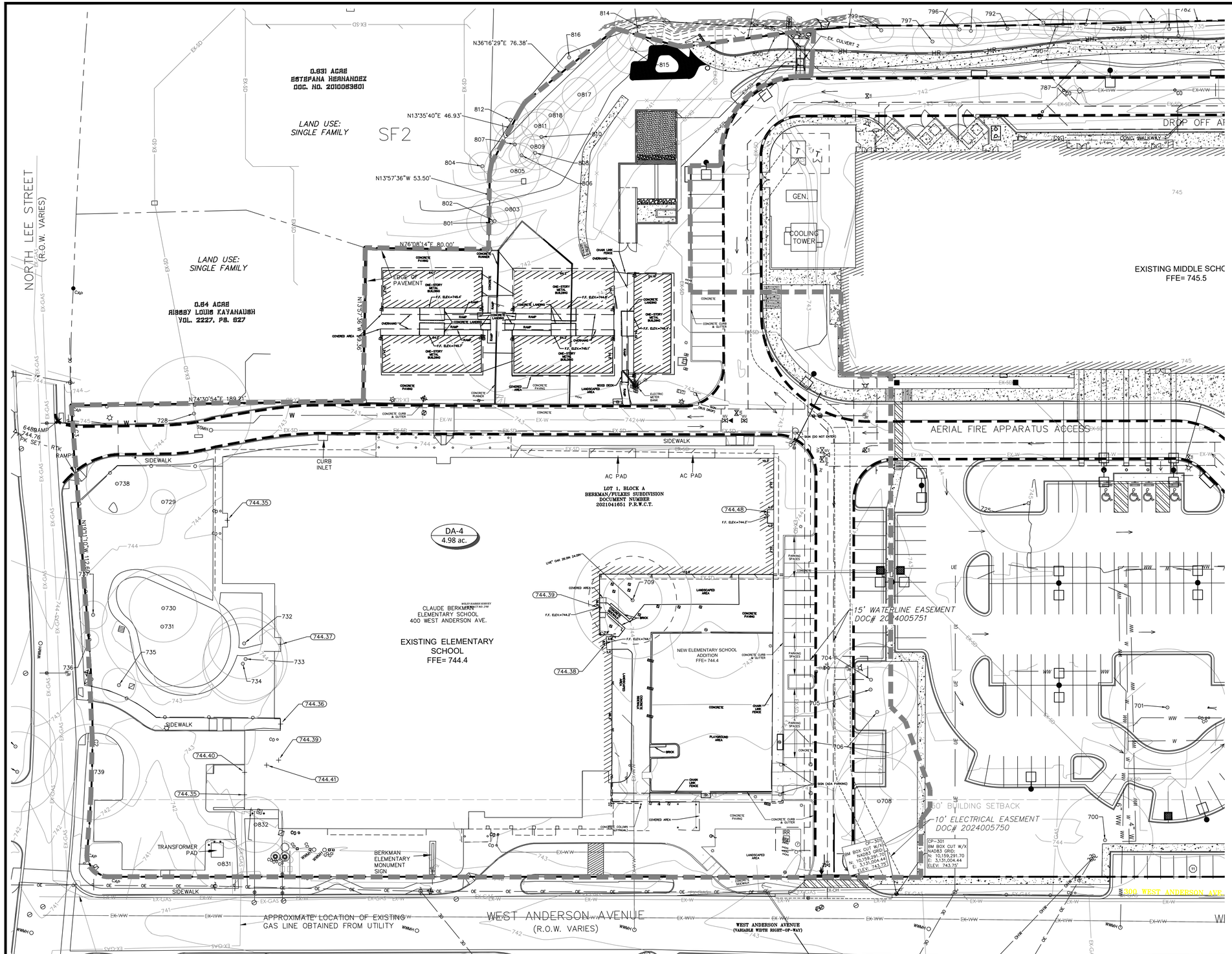
Attachment F – Structural Practices

The scope of the project consists of installing of portable classrooms with ramp, water and wastewater services, sidewalk, crosswalk with barrier-free ramps and fencing.

Temporary inlet protection provides a means of preventing suspended soil particles from entering storm water catch basins prior to the placement of impervious surfaces. This is achieved by surrounding area inlets with a porous filter media to dissipate surface flow velocities, thereby allowing settlement of soil particles from turbid runoff prior to entering the area inlet.

As show in **Erosion and Sedimentation Control Sheet 6**, during construction, contaminated stormwater runoff from the site will be filtered by the mulch socks and natural existing vegetation, discharge into the existing water quality pond that locates southeast of the site.

Attachment G - Drainage Area Map
See attached Drainage Area Map



DRAINAGE LEGEND

- PROPERTY BOUNDARY
- RIGHT-OF-WAY
- ADJOINERS
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING DRAINAGE AREA
- PROPOSED DRAINAGE AREA
- EXISTING STORM DRAIN
- EXISTING CURB INLET
- EXISTING STORM DRAIN
- EXISTING AREA DRAIN
- DRAINAGE FLOW ARROW
- A-1 / 1.00 ac. — DRAINAGE AREA / ACRES

0 20 40

GRAPHIC SCALE IN FEET

NOTE:
1. DRAINAGE CALCULATIONS FOR THE EXISTING AND PROPOSED IMPROVEMENTS HAVE BEEN CALCULATED USING THE ATLAS-14 RAINFALL FREQUENCIES TAKEN FROM THE CITY OF ROUND ROCK RAIN MANUAL DATED AUGUST 2020. ATLAS-14 BUSHY CREEK WATERSHED RAINFALL INTENSITIES WERE USED TO FOR RATIONAL METHOD CALCULATIONS PROVIDED.
2. EXISTING WATER QUALITY POND "WEST" HAS BEEN DESIGN TO CAPTURE A MAX IMPERVIOUS COVER OF 3.19 ac. AS PERMITTED IN SDP2008-0001

WATER QUALITY ABATEMENT SUMMARY

	BERKMAN ELEMENTARY (WEST POND)	FULKES M.S. (EAST POND)	SITE TOTAL
PROJECT AREA	4.98	12.1	17.08
EXISTING I.C.	3.19	6.92	10.11
NEW I.C.	3.01	6.92	9.93

EXISTING CONDITIONS

DA	AREA (ac.)	I.C. AREA (ac.)	%I.C.	Tc (min)	2-YR PERVIOUS COEFF.	2-YR IMPERVIOUS COEFF.	C2	I2 (in/hr)	Q2 (cfs)	10-YR PERVIOUS COEFF.	10-YR IMPERVIOUS COEFF.	C10	I10 (in/hr)	Q10 (cfs)	25-YR PERVIOUS COEFF.	25-YR IMPERVIOUS COEFF.	C25	I25 (in/hr)	Q25 (cfs)	100-YR PERVIOUS COEFF.	100-YR IMPERVIOUS COEFF.	C100	I100 (in/hr)	Q100 (cfs)
1	4.95	3.19	0.64	5	0.29	0.79	0.61	6.24	18.91	0.35	0.83	0.66	9.31	30.39	0.42	0.92	0.74	11.1	40.78	0.46	0.97	0.79	14.2	55.44

REVISIONS

NO.	DESCRIPTION	DATE
#		#
#		#
#		#
#		#
#		#

EXISTING CONDITIONS DRAINAGE AREA MAP BERKMAN

BERKMAN ES ADDITION &
FULKES MS AUDITORIUM ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXENG FIRM I-1114)

10/24/2025
STATE OF TEXAS
GILBERTO MOTA
146585
LICENSED
PROFESSIONAL ENGINEER

JOB NO.	B013728.001
DESIGNED BY:	GM
DRAWN BY:	ZW
CHECKED BY:	AC
DATE:	10/24/25
SHEET:	C8.01

SDP 25-00030

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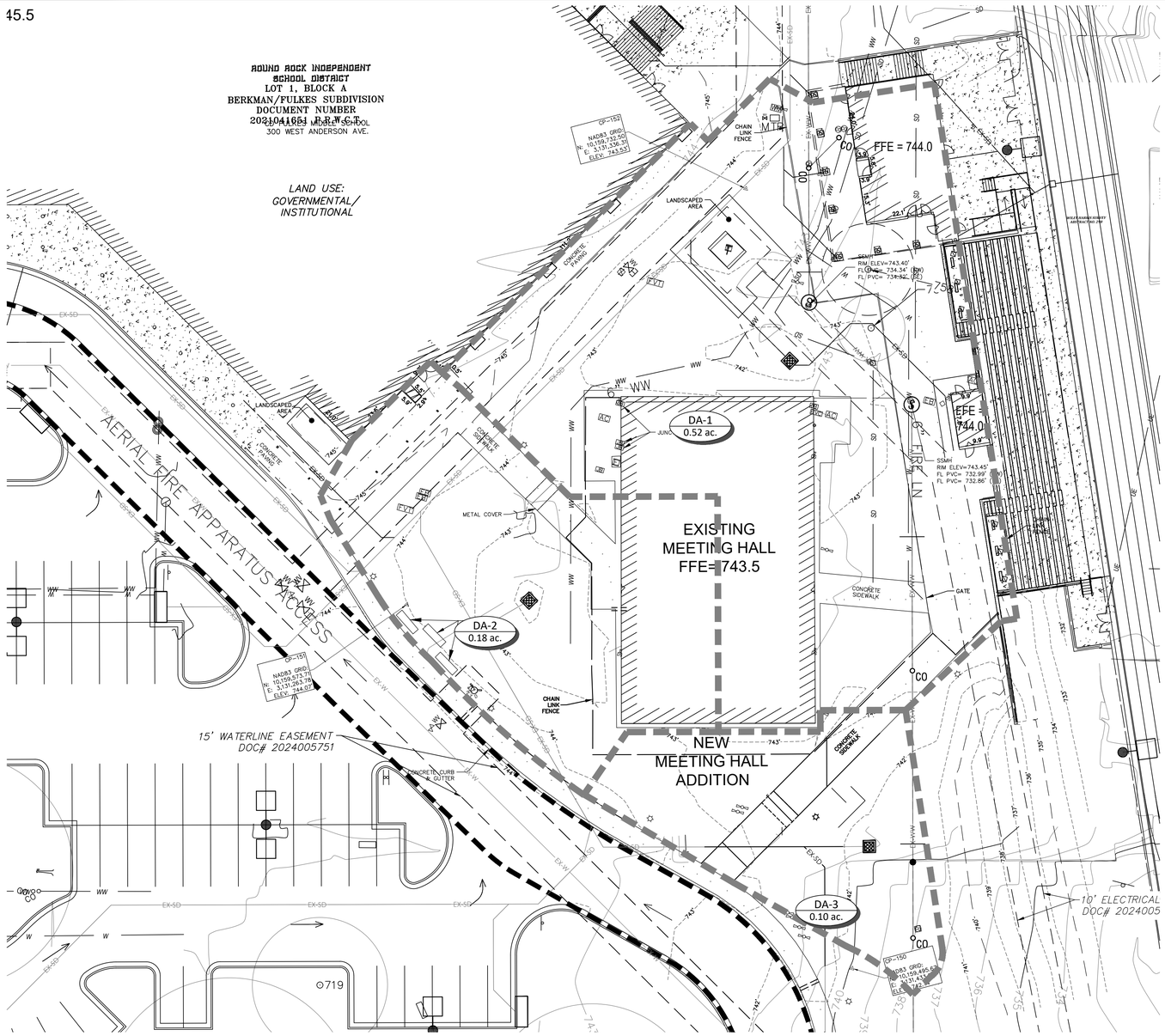
PLOTTED ON: Friday, October 24, 2025



EXISTING CONDITIONS					2-YR					10-YR					25-YR					100-YR				
DA	AREA (ac.)	I.C AREA (ac.)	%I.C.	Tc (min)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C2	I2 (in/hr)	Q2 (cfs)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C10	I10 (in/hr)	Q10 (cfs)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C25	I25 (in/hr)	Q25 (cfs)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C100	I100 (in/hr)	Q100 (cfs)
1	0.54	0.31	58%	5	0.29	0.79	0.58	6.24	1.96	0.35	0.83	0.63	9.31	3.16	0.42	0.92	0.71	11.1	4.26	0.46	0.97	0.75	14.2	5.81
2	0.24	0.11	44%	5	0.29	0.79	0.51	6.24	0.75	0.35	0.83	0.56	9.31	1.24	0.42	0.92	0.64	12.1	1.83	0.46	0.97	0.69	15.2	2.46
3	0.14	0.02	15%	5	0.29	0.79	0.36	6.24	0.31	0.35	0.83	0.42	9.31	0.54	0.42	0.92	0.49	13.1	0.88	0.46	0.97	0.53	16.2	1.19

DRAINAGE LEGEND

- PROPERTY BOUNDARY
- RIGHT-OF-WAY
- ADJOINERS
- 600 — EXISTING MAJOR CONTOUR
- 602 — EXISTING MINOR CONTOUR
- 600 — PROPOSED MAJOR CONTOUR
- 602 — PROPOSED MINOR CONTOUR
- EXISTING DRAINAGE AREA
- PROPOSED DRAINAGE AREA
- EXISTING STORM DRAIN
- EXISTING CURB INLET
- EXISTING STORM DRAIN
- EXISTING AREA DRAIN
- DRAINAGE FLOW ARROW
- A-1 / 1.00 ac. — DRAINAGE AREA / ACRES

0 20 40
GRAPHIC SCALE IN FEET

NOTE:
1. DRAINAGE CALCULATIONS FOR THE EXISTING AND PROPOSED IMPROVEMENTS HAVE BEEN CALCULATED USING THE ATLAS–14 RAINFALL FREQUENCIES TAKEN FROM THE CITY OF ROUND ROCK RAIN MANUAL DATED AUGUST 2020. ATLAS–14 BUSHY CREEK WATERSHED RAINFALL INTENSITIES WERE USED TO FOR RATIONAL METHOD CALCULATIONS PROVIDED.
2. EXISTING WATER QUALITY POND "EAST" HAS BEEN DESIGN TO CAPTURE A MAX IMPERVIOUS COVER OF 6.92 ac. AS PERMITTED IN SDP2008–0001

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REVISIONS

NO.	DATE	DESCRIPTION
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#	#	#
#	#	#
#	#	#
#	#	#

EXISTING CONDITIONS DRAINAGE AREA MAP FULKES

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXENGFIRM I-1114)

BERKMAN ES ADDITION & FULKES MS AUDITORIUM ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

10/24/2025

STATE OF TEXAS
GILBERTO MOTA
146585
LICENSED PROFESSIONAL ENGINEER

JOB NO.	B013728.001
DESIGNED BY:	GM
DRAWN BY:	ZW
CHECKED BY:	AC
DATE:	10/24/25
SHEET:	C8.02

SDP 25-00030

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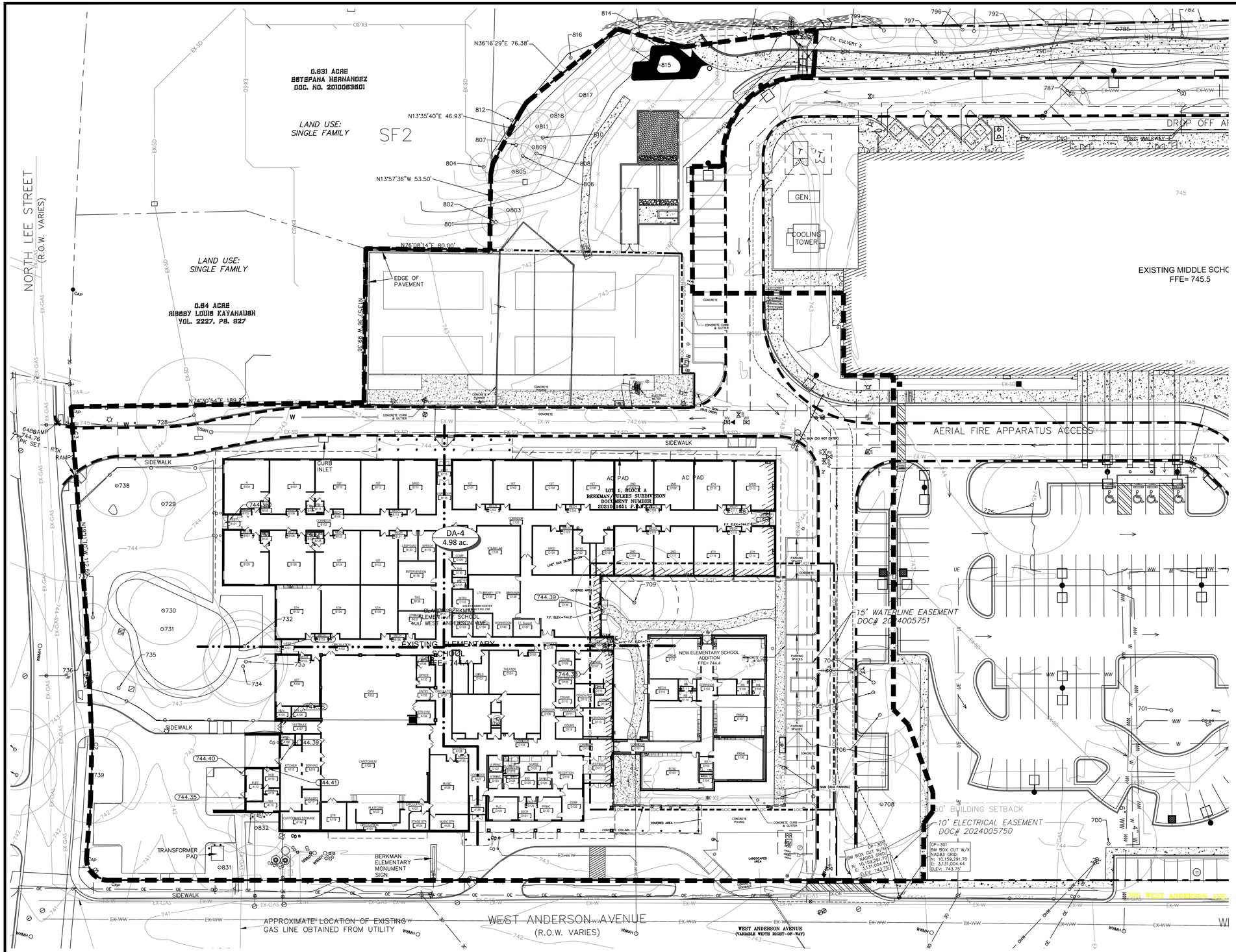

DRAINAGE LEGEND

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- EXISTING STORM DRAIN
- EXISTING CURB INLET
- EXISTING STORM DRAIN
- EXISTING AREA DRAIN
- DRAINAGE FLOW ARROW
- A-1 / 1.00 ac. — DRAINAGE AREA / ACRES

0 20 40

GRAPHIC SCALE IN FEET

NOTE:

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2. *EXISTING WATER QUALITY POND "WEST" HAS BEEN DESIGN TO CAPTURE A MAX IMPERVIOUS COVER OF 3.19 ac. AS PERMITTED IN SDP2008-0001.*
3. *DRAINAGE AREA DA-4 IS TO CONVEYED RUNOFF INTO THE WATER QUALITY POND "WEST" AS PERMITTED IN SDP2008-0001..*
4. *NEW IMPROVEMENTS TO BE CONSTRUCTED TO BE LESS THAN EXISTING CONDITIONS. IMPERVIOUS COVER TO BE 3.01 ac.. NO INCREASE IN IMPERVIOUS COVER.*

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NEW I.C.	3.01	6.92	9.93

EXISTING CONDITIONS					2-YR					10-YR					25-YR					100-YR				
DA	AREA (ac.)	I.C. AREA (ac.)	%I.C	Tc (min)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C2	I2 (in/hr)	Q2 (cfs)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C10	I10 (in/hr)	Q10 (cfs)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C25	I25 (in/hr)	Q25 (cfs)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C100	I100 (in/hr)	Q100 (cfs)
1	4.98	3.19	0.64	5	0.29	0.79	0.61	6.24	18.96	0.35	0.83	0.66	9.31	30.48	0.42	0.92	0.74	11.1	40.92	0.46	0.97	0.79	14.2	55.63

PROPOSED CONDITIONS					2-YR					10-YR					25-YR					100-YR				
DA	AREA (ac.)	I.C. AREA (ac.)	%I.C	Tc (min)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C2	I2 (in/hr)	Q2 (cfs)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C10	I10 (in/hr)	Q10 (cfs)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C25	I25 (in/hr)	Q25 (cfs)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C100	I100 (in/hr)	Q100 (cfs)
1	4.98	3.01	0.60	5	0.29	0.79	0.59	6.24	18.39	0.35	0.83	0.64	9.31	29.66	0.42	0.92	0.72	11.1	39.89	0.46	0.97	0.77	14.2	54.29

NO.	DATE	REVISIONS DESCRIPTION
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#	#	#
#	#	#

DEVELOPED CONDITIONS DRAINAGE AREA MAP BERKMAN

BERKMAN ES ADDITION &
FULKES MS AUDITORIUM ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
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10/24/2025

STATE OF TEXAS
GILBERTO MOTA
146585
LICENSED
PROFESSIONAL ENGINEER

JOB NO.	B013728.001
DESIGNED BY:	GM
DRAWN BY:	ZW
CHECKED BY:	AC
DATE:	10/24/25
SHEET:	C8.03

SDP 25-00030

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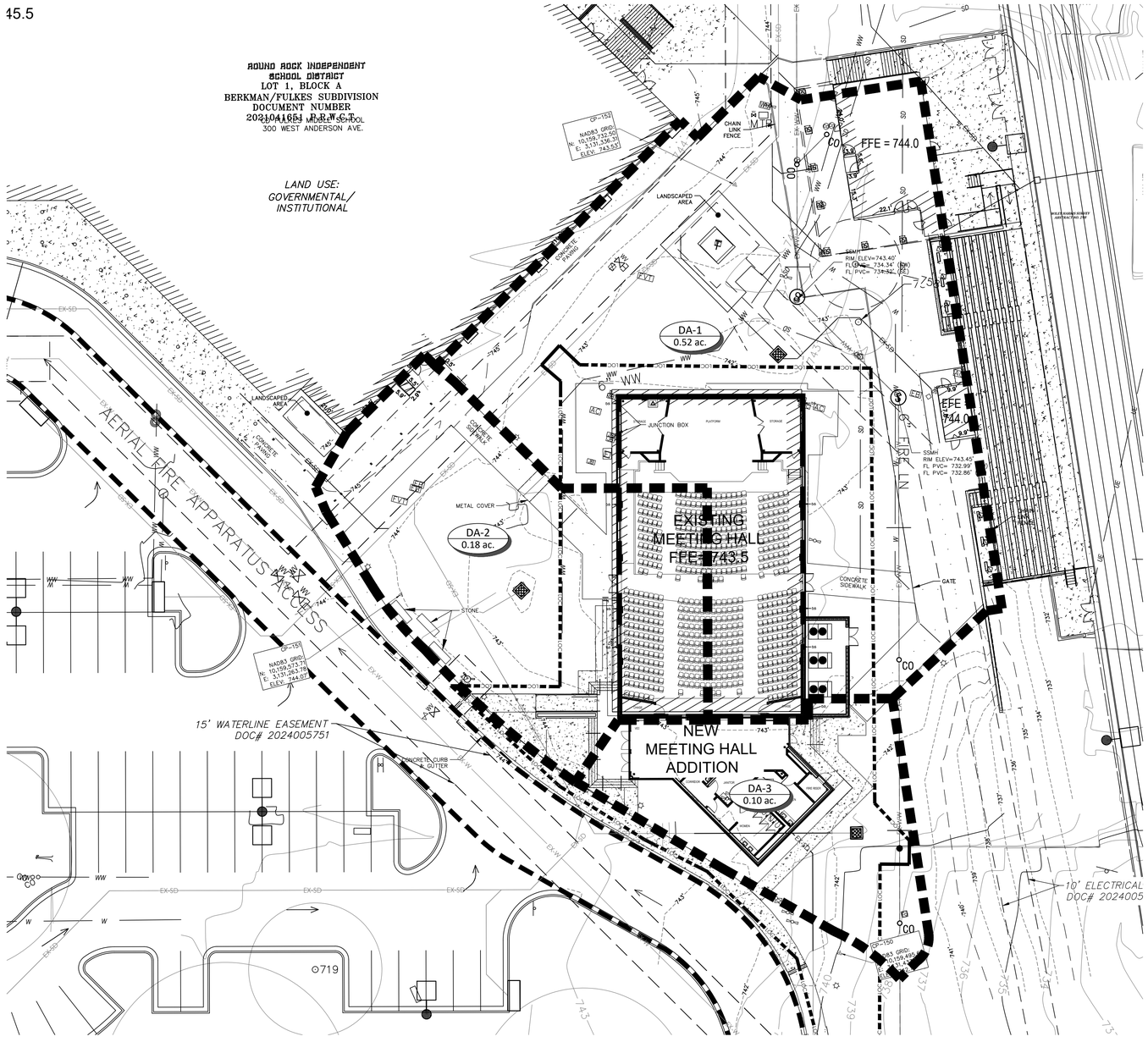

DRAINAGE LEGEND

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- RIGHT-OF-WAY
- ADJOINERS
- 600 — EXISTING MAJOR CONTOUR
- 602 — EXISTING MINOR CONTOUR
- 600 — PROPOSED MAJOR CONTOUR
- 602 — PROPOSED MINOR CONTOUR
- EXISTING DRAINAGE AREA
- PROPOSED DRAINAGE AREA
- EXISTING STORM DRAIN
- EXISTING CURB INLET
- EXISTING STORM DRAIN
- EXISTING AREA DRAIN
- DRIANAGE FLOW ARROW
- A-1 / 1.00 ac. — DRAINAGE AREA / ACRES

0 20 40

GRAPHIC SCALE IN FEET

NOTE:
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2. EXISTING WATER QUALITY POND "EAST" HAS BEEN DESIGN TO CAPTURE A MAX IMPERVIOUS COVER OF 6.92 ac. AS PERMITTED IN SDP2008–0001.
3. DRAINAGE AREA DA–1, DA–2, AND DA–3 IS TO CONVEYED RUNOFF INTO THE WATER QUALITY POND "EAST" AS PERMITTED IN SDP2008–0001..
4. PER AS–BUILD FROM SDP2008–0001 THE IMPERVIOUS COVER FOR FULKES MIDDLE SCHOOL IS 6.85 ac.
5. NEW IMPROVEMENTS TO BE CONSTRUCTED SHALL INCREASE THE IMPERVIOUS COVER IN DRAINAGE BASIN DA–1, DA–2, AND DA–3. THE INCREASE IN IMPERVIOUS COVER FOR THE NEW IMPROVEMENTS WILL BE 0.07 ac. (3,049 SF). WHICH WILL INCREASE THE FULKES MIDDLE SCHOOL IMPERVIOUS COVER TO 6.92 ac. NO INCREASE IN OVERALL IMPERVIOUS COVER WITH NEW IMPROVEMENTS..

WATER QUALITY ABATEMENT SUMMARY			
	BERKMAN ELEMENTARY (WEST POND)	FULKES M.S. (EAST POND)	SITE TOTAL
PROJECT AREA	4.98	12.1	17.08
EXISTING I.C.	3.19	6.92	10.11
NEW I.I.C.	3.01	6.92	9.93

EXISTING CONDITIONS					2-YR					10-YR					25-YR					100-YR				
DA	AREA (ac.)	I.C. AREA (ac.)	%I.C.	Tc (min)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C2	I2 (in/hr)	Q2 (cfs)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C10	I10 (in/hr)	Q10 (cfs)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C25	I25 (in/hr)	Q25 (cfs)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C100	I100 (in/hr)	Q100 (cfs)
1	0.54	0.31	58%	5	0.29	0.79	0.58	6.24	1.96	0.35	0.83	0.63	9.31	3.16	0.42	0.92	0.71	11.1	4.26	0.46	0.97	0.75	14.2	5.81
2	0.24	0.11	44%	5	0.29	0.79	0.51	6.24	0.75	0.35	0.83	0.56	9.31	1.24	0.42	0.92	0.64	12.1	1.83	0.46	0.97	0.69	15.2	2.46
3	0.14	0.02	15%	5	0.29	0.79	0.36	6.24	0.31	0.35	0.83	0.42	9.31	0.54	0.42	0.92	0.49	13.1	0.88	0.46	0.97	0.53	16.2	1.19

PROPOSED CONDITIONS					2-YR					10-YR					25-YR					100-YR				
DA	AREA (ac.)	I.C. AREA (ac.)	%I.C.	Tc (min)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C2	I2 (in/hr)	Q2 (cfs)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C10	I10 (in/hr)	Q10 (cfs)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C25	I25 (in/hr)	Q25 (cfs)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C100	I100 (in/hr)	Q100 (cfs)
1	0.54	0.31	0.58	5	0.29	0.79	0.58	6.24	1.96	0.35	0.83	0.63	9.31	3.16	0.42	0.92	0.71	11.1	4.26	0.46	0.97	0.75	14.2	5.81
2	0.24	0.13	0.53	5	0.29	0.79	0.56	7.24	0.95	0.35	0.83	0.61	10.31	1.48	0.42	0.92	0.69	12.1	1.96	0.46	0.97	0.73	15.2	2.63
3	0.14	0.07	0.53	5	0.29	0.79	0.55	8.24	0.62	0.35	0.83	0.60	11.31	0.93	0.42	0.92	0.68	13.1	1.23	0.46	0.97	0.73	16.2	1.62

REVISIONS			
NO.	DATE	DESCRIPTION	
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#	#	#	#

DEVELOPED CONDITIONS DRAINAGE AREA MAP FULKES

DUNAWAY
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Tel: 817.335.1121
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STATE OF TEXAS
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JOB NO.	B013728.001
DESIGNED BY:	GM
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DATE:	10/24/25
SHEET:	C8.04

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LOTTED BY: Gilberto Mota
PLOTTED ON: Friday, October 24, 2025

Temporary Stormwater Section

Attachment H - Temporary Sediment Pond(s) Plans and Calculations

N/A

Attachment I - Inspection and Maintenance for BMPs

An inspection will be conducted throughout the site at least once every fourteen (14) calendar days on a specifically defined day. Inspections will also be conducted post-rainfall within 24 hours of the end of a storm event with precipitation measuring 0.5 inches or greater. When the entire site has been finally or temporarily stabilized, inspections will be conducted at least once every month until full site completion. For areas of the site that have undergone temporary or final stabilization, inspections shall be conducted at least once a month until final stabilization. Inspections will include a review of all areas of soil disturbance, structural and non-structural control measures, areas undergoing temporary stabilization or permanent vegetation establishment, waterway crossings, and vehicle access points. A site walk-through will be performed prior to an anticipated storm event.

Table below summarizes each best management practice (BMP), typical signs of deficiency, and maintenance/ repair requirements.

BMP	Items to Check/Signs of Deficiency	Maintenance/Repairs
Mulch Sock	• Splits • Tears • Slumping • Excess sediment build-up	• Remove sediment when it accumulates to ½ of the barrier height • Replace after effective life
Surface Roughening	• Rill and gully formation • Signs of erosion	• Rills and gullies should be filled and graded immediately • Roughening washed away by heavy rainfall should be re-roughened
Permanent Seeding/ Stabilization	• Signs of erosion • Movement of mulch • Damaged, bare, gullied or sparsely vegetated areas • Sparse or patchy plant cover	• Repair eroded areas, fertilize, re-seed, and apply and anchor mulch • Evaluate plant materials chosen, soil fertility, moisture condition, and mulch application • Over-seed if needed

Attachment J - Schedule of Interim and Permanent Soil Stabilization Practices

Sodding will be used to stabilize exposed soils where construction activities have permanently ceased or be temporarily halted for 14 days or longer. Construction debris, trash and temporary BMPs (including silt fences, tree protection, and inlet protection) will also be removed and any areas disturbed during removal will be seeded immediately.

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

I Dennis Covington,
Print Name

COO/CFO,
Title - Owner/President/Other

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

have authorized Jessica Powers, Gilberto Mota and Dunaway
Print Name of Agent/Engineer

of Dunaway
Print Name of Firm

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

I also understand that:

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

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

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

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

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

SIGNATURE PAGE:

Applicant's Signature

1/8/2026
Date

THE STATE OF Texas §

County of Williamson §

BEFORE ME, the undersigned authority, on this day personally appeared Dennis D. Cowley known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that (s)he executed same for the purpose and consideration therein expressed.

GIVEN under my hand and seal of office on this 8th day of January, 2026

NOTARY PUBLIC

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

Patty Aguilera
Typed or Printed Name of Notary

MY COMMISSION EXPIRES: 7/19/2027

Application Fee Form

Texas Commission on Environmental Quality

Name of Proposed Regulated Entity: CD Fulkes Middle School and Berkman Elementary

Regulated Entity Location: 300 W Anderson, Round Rock, Texas 78664

Name of Customer: Round Rock Independent School District

Contact Person: Dennis Covington Phone: 512-464-5042

Customer Reference Number (if issued):CN600355358

Regulated Entity Reference Number (if issued):RN RN102139714

Austin Regional Office (3373)

☐ Hays ☐ Travis ☒ Williamson

San Antonio Regional Office (3362)

☐ Bexar ☐ Medina ☐ Uvalde

☐ Comal ☐ Kinney

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

☐ Austin Regional Office

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

☐ San Antonio Regional Office

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

Site Location (Check All That Apply):

☒ Recharge Zone ☐ Contributing Zone ☐ Transition Zone

Type of Plan	***Size***	***Fee Due***
Water Pollution Abatement Plan, Contributing Zone Plan: One Single Family Residential Dwelling	Acres	$
Water Pollution Abatement Plan, Contributing Zone Plan: Multiple Single Family Residential and Parks	Acres	$
Water Pollution Abatement Plan, Contributing Zone Plan: Non-residential	Acres	$
Sewage Collection System	23 L.F.	$ 650
Lift Stations without sewer lines	Acres	$
Underground or Aboveground Storage Tank Facility	Tanks	$
Piping System(s)(only)	Each	$
Exception	Each	$
Extension of Time	Each	$

Signature: Jessica Powers Digitally signed by Jessica Powers DN: C=US, E=jpowers@dunaway.com, CN=Jessica Powers Date: 2026.01.04 23:34:12-06'00' Date: 12-20-2025

Application Fee Schedule

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

Water Pollution Abatement Plans and Modifications

Contributing Zone Plans and Modifications

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

Organized Sewage Collection Systems and Modifications

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

Underground and Aboveground Storage Tank System Facility Plans and Modifications

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

Exception Requests

Project	*Fee*
Exception Request	$500

Extension of Time Requests

Project	*Fee*
Extension of Time Request	$150

TCEQ Use Only

TCEQ Core Data Form

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

SECTION I: General Information

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

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

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

2. Customer Reference Number *(if issued)*	Follow this link to search for CN or RN numbers in Central Registry**	**3. Regulated Entity Reference Number** *(if issued)*
CN 600355358		**RN 102139714**

SECTION II: Customer Information

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

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

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

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

Round Rock Independent School District

7. TX SOS/CPA Filing Number	**8. TX State Tax ID** (11 digits)	**9. Federal Tax ID** (9 digits)	**10. DUNS Number** *(if applicable)*
		74-600201	095101986

11. Type of Customer:

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

12. Number of Employees

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

13. Independently Owned and Operated?

☒ **Yes** ☐ **No**

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

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

15. Mailing Address:

1311 Round Rock Avenue

City	Round Rock	**State**	TX	**ZIP**	78681	**ZIP + 4**	

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

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*
(512) 464-5042		( ) -

SECTION III: Regulated Entity Information

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

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

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

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

C.D. FULKES MIDDLE SCHOOL AND BERKMAN ELEMENTARY

23. Street Address of the Regulated Entity: ***(No PO Boxes)***	300 W Anderson Avenue							
	City	Round Rock	**State**	TX	**ZIP**	78664	**ZIP + 4**	
24. County	Williamson							

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

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

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

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

29. Primary SIC Code (4 digits)	**30. Secondary SIC Code** (4 digits)	**31. Primary NAICS Code** (5 or 6 digits)	**32. Secondary NAICS Code** (5 or 6 digits)
		611110	

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

Middle School

34. Mailing Address:	**300 West Anderson Avenue**							
	City	**Round Rock**	**State**	**TX**	**ZIP**	**78664**	**ZIP + 4**	
35. E-Mail Address:								

36. Telephone Number	37. Extension or Code	38. Fax Number *(if applicable)*
(512) 428-3100		( ) -

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

☐ Dam Safety	☐ Districts	☒ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
		11002270, 11002271		
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☐ Wastewater	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:

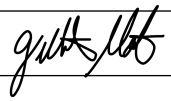
SECTION IV: Preparer Information

40. Name:	Gilberto Mota, PE	**41. Title:**	Project Engineer

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(817 **)** 632-4791		**( )** -	gmota@dunaway.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:	Dunaway	**Job Title:**	Project Engineer
Name *(In Print):*	Gilberto Mota	**Phone:**	**(** 817 **)** 632- **4791**
Signature:		**Date:**	12/30/25

BERKMAN ES ADDITION &
FULKES MS MEETING HALL ADDITION
SITE DEVELOPMENT IMPROVEMENTS

BERKMAN / FULKES SUBDIVISION

300 WEST ANDERSON AVE.,

ROUND ROCK, TEXAS 78664

SDP 25-00030

OWNER/DEVELOPER:
ROUND ROCK I.S.D.
CONTACT NAME: NATHAN SHETTER
1311 ROUND ROCK AVE.
ROUND ROCK, TEXAS 78681
PH: 512-464-5000

ENGINEER:
DUNAWAY ASSOCIATES, LLC.
5707 SOUTHWEST PARKWAY
BUILDING 2, SUITE 250
AUSTIN, TEXAS 78735
PHONE: 817-335-1121
CONTACT: GILBERTO MOTA, P.E.

SURVEYOR:
JOHN T. BILNOSKI
REGISTERED PROFESSIONAL LAND SURVEYOR NO. 4998
STANTECH CONSULTING SERVICES, INC.
1905 ALDRICH STREET, SUITE 300
AUSTIN, TEXAS 78723

DUNAWAY ASSOCIATES, LLC.
5707 SOUTHWEST PARKWAY
BUILDING 2, SUITE 250
AUSTIN, TEXAS 78735
PHONE: 817-335-1121
CONTACT: ALAN MOORE

LEGAL DESCRIPTION:
-ROUND ROCK INDEPENDANT SCHOOL DISTRICT, PORTION OF 13 ACRE GEORGE HARRIS TRACT DESCRIBED IN VOLUME 314, PG. 214 IN WILLIAMSON COUNTY.

FEMA MAP NO: A PORTION OF THIS TRACT IS ENCROACHED BY SPECIAL FLOOD ZONE HAZARD AREAS INUNDATED BY THE 1% ANNUAL CHANCE FLOOD AS IDENTIFIED BY THE U.S. FEDERAL EMERGENCY MANAGEMENT AGENCY BOUNDARY MAP (FLOOD INSURANCE RATE MAP) COMMUNITY PANEL NUMBER 48491C0493F EFFECTIVE DATE DECEMBER 20, 2019, FOR WILLIAMSON COUNTY, TEXAS.

BENCHMARK DESCRIPTION :
–ELEVATION REFERENCE:
CITY OF ROUND ROCK, TEXAS, CONTROL MONUMENT 01–003, BRASS DISC SET IN CONCRETE AND REFERENCED TO NORTH AMERICAN VERTICAL DATUM (NAVD88)
(LATITUDE: 30°30'27.041281"N LONGITUDE: 97°41'58.998201"W)
ELEVATION = 749.60'

BENCHMARK #1935–76A: THE SOUTHEAST CORNER OF CONCRETE FOOTER FOR THE FRONTAGE ROAD GUARDRAIL LOCATED APPROXIMATELY +/– 170 FEET NORTH OF CENTERLINE OF DRIVEWAY ENTRANCE TO 1405 NORTH INTERSTATE 35, ROUND ROCK, TEXAS 76645, AND APPROXIMATELY +/– 5 FEET SOUTHEAST OF THE SOUTH END OF SAID GUARDRAIL.
ELEVATION = 732.79' (NAVD–88) GEOID12B

BENCHMARK #1935–76B: THE SOUTHEAST CORNER OF CONCRETE CULVERT ON THE NORTH SIDE OF DRIVEWAY ENTRANCE TO COTTMAN TRANSMISSION WITH AN ADDRESS OF 1405 NORTH INTERSTATE 35, ROUND ROCK, TEXAS 78664. LOCATED APPROXIMATELY +/– 10 FEET EAST OF THE EAST EDGE OF PAVEMENT OF FRONTAGE ROAD AND APPROXIMATELY +/– 25 FEET NORTH OF THE CENTERLINE OF SAID DRIVEWAY.
ELEVATION = 730.20' (NAVD–88) GEOID12B

NOTES:

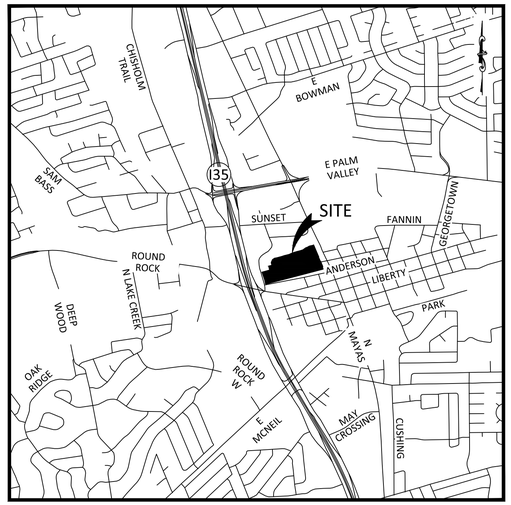
1. ON SITE DETENTION WILL BE PROVIDED AND WILL BE PRIVATELY MAINTAINED BY LOT OWNERS.
2. WATERSHED:
   THIS PROJECT IS IN THE CITY OF ROUND ROCK CITY LIMITS LOCATED WITHIN THE BUSHY CREEK WATERSHED.THIS SITE IS LOCATED IN THE EDWARDS RECHARGE ZONE.
3. THIS PROJECT IS PARTICIPATING IN THE CITY OF ROUNDROCK REGIONAL STORM WATER MANAGEMENT (RSMP) PROGRAM. (RSMP2007–0002, APPROVED 09/10/2020)

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.

EDWARDS AQUIFER NOTE:
–THIS SITE IS IN THE EDWARDS AQUIFER RECHARGE ZONE.
– TCEQ WPAP#:
APPROVAL DATE:
– TCEQ SCS#:
APPROVAL DATE:

OVERALL SITE AREA = 743,830 sf (17.076 ac.)
SITE IMPERVIOUS COVER
EXISTING = 440,391 sf/59.2%
DEVELOPED = 440,391 sf/59.2%

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.



VICINITY MAP

NOT TO SCALE

North

SUBMITTAL DATE:
10/24/2025

Sheet List Table

Sheet Number	Sheet Title
C1.00	COVER
C1.02	GENERAL NOTES
C2.01	PLAT 1 OF 2
C2.02	PLAT 2 OF 2
C3.01	EXISTING CONDITIONS
C4.01	DEMOLITION PLAN
C5.00	OVERALL EROSION CONTROL PLAN
C5.01	EROSION CONTROL PLAN 1 OF 2
C5.02	EROSION CONTROL PLAN 2 OF 2
C5.03	EROSION CONTROL DETAILS
C6.01	OVERALL SITE PLAN
C6.02	SITE PLAN 1 OF 2
C6.03	SITE PLAN 2 OF 2
C7.01	DIMENSIONAL CONTROL PLAN 1 OF 2
C7.02	DIMENSIONAL CONTROL PLAN 2 OF 2
C8.01	EXISTING CONDITIONS DRAINAGE AREA MAP BERKMAN
C8.02	EXISTING CONDITIONS DRAINAGE AREA MAP FULKES
C8.03	DEVELOPED CONDITIONS DRAINAGE AREA MAP BERKMAN
C8.04	DEVELOPED CONDITIONS DRAINAGE AREA MAP FULKES
C9.02	GRADING PLAN 1 OF 2
C9.03	GRADING PLAN 2 OF 2
C10.02	STORM PLAN 1 OF 2
C10.03	STORM PLAN 2 OF 2
C10.04	STORM PLAN DETAILS
C11.01	UTILITY PLAN 1 OF 2
C11.02	UTILITY PLAN 2 OF 2
C11.03	UTILITY DETAILS
C12.01	FIRE PROTECTION PLAN
C12.02	FIRE PROTECTION PLAN 1 OF 2
C12.03	FIRE PROTECTION PLAN 2 OF 2
L1.00	SITE ORIENTATION PLAN
L1.01	LAYOUT PLAN 1 OF 3
L1.02	LAYOUT PLAN 2 OF 3
L1.03	LAYOUT PLAN 3 OF 3
L3.00	MATERIALS SCHEDULE
L3.01	SITE DETAILS 1 OF 2
L3.02	SITE DETAILS 2 OF 2
L4.01	PLANTING PLAN 1 OF 3
L4.02	PLANTING PLAN 2 OF 3
L4.03	PLANTING PLAN 3 OF 3
L4.04	PLANTING NOTES AND SCHEDULE
L4.05	PLANTING DETAILS
L5.01	IRRIGATION PLAN 1 OF 3
L5.02	IRRIGATION PLAN 2 OF 3
L5.03	IRRIGATION PLAN 3 OF 3
L5.04	IRRIGATION BERKMAN ISD NOTES
L5.05	IRRIGATION NOTES AND DETAILS
L5.06	IRRIGATION DETAILS
E121	BERKMAN POWER
E121	FULKES POWER

CITY REVISION & CORRECTIONS

NO.	DESCRIPTION	REVISE (R) CORRECT (C) ADD(A) VOID(V) SHEET NO'S	TOTAL # SHEETS IN PLAN SET	NET CHANGE IMP COVER (SQ. FT.)	TOTAL SITE IMP COVER (sq.ft.) %	CITY OF ROUND ROCK APPROVAL DATE	DATE IMAGED

STATE OF TEXAS
GILBERTO MOTA
146585
LICENSED
PROFESSIONAL ENGINEER

I, GILBERTO MOTA, DO HEREBY CERTIFY THAT THE PUBLIC WORKS AND DRAINAGE IMPROVEMENTS DESCRIBED HEREIN HAVE BEEN DESIGNED IN COMPLIANCE WITH THE SUBDIVISION AND BUILDING REGULATION ORDINANCES AND STORMWATER DRAINAGE POLICY ADOPTED BY THE CITY OF ROUND ROCK, TEXAS

SUBMITTED BY:

10/24/2025

GILBERTO MOTA, PE — SUBMITTAL DATE
DUNAWAY ASSOCIATES, LLC F-1114

ACCEPTANCE FOR CONSTRUCTION:

PLANNING AND DEVELOPMENT SERVICES — APPROVED DATE

DUNAWAY
5707 Southwest Pkwy • Bldg. 2 • Suite 250 • Austin, Texas 78735
Tel: 512.306.8252
(TX REG. F-1114)

DA JOB NO. B013728.001

GENERAL NOTES:

1. All construction shall be in accordance with the City of Round Rock (CORR) Design and Construction Standards (DACS) Specifications Manual.
2. 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 the Contractor's expense.
3. The Contractor shall verify all depths and locations of existing utilities prior to any construction activities. Any discrepancies with the construction plans found in the field shall immediately be brought to the attention of the Engineer who shall be responsible for revising the plans as appropriate. Failure to complete this step prior to commencement of construction may result in significant delays and/or expenditures for which the City shall not be held liable.
4. Manhole frames, covers, valves, cleanouts, etc. shall be raised to finished grade prior to final paving construction.
5. The Contractor shall provide the City of Round Rock with a 48-hour notice before beginning each phase of construction. Telephone (512) 218-5428 (Planning and Development Services Department -PDS)
6. All areas disturbed or exposed during construction shall be revegetated in accordance with the plans and specifications. This includes any areas located outside of the defined limits of construction (LOC), in rights-of-way (ROW), or located on adjacent properties. Revegetation of all disturbed or exposed areas shall consist of sodding or seeding, at the Contractor's discrepancy, as outlined in the City's Design and Construction Standards. The type of revegetation provided must be equivalent to or exceed the type of vegetation present prior to construction.
7. Prior to any construction, a pre-construction meeting shall be held between the City of Round Rock, the Design Engineer, the Contractor, subcontractors, other utility companies, and any affected parties or other entity the City or Design Engineer deem necessary.
8. The Contractor and the Design Engineer shall keep accurate records of all construction that deviates from the plans. Changes to approved, construction-stamped plans will require a revision from the Design Engineer that is approved by the City prior to field use. The Design Engineer shall furnish the City of Round Rock accurate "As-Built" record drawings following completion of all construction. These "As- Built" record drawings shall meet with the satisfaction of the Planning and Development Services Department prior to final acceptance of the project.
9. The City of Round Rock shall not be petitioned for acceptance until all necessary easement documents have been signed and recorded.
10. Whenever construction activities are taking place within an existing easement, the Contractor shall confine their work to within the bounds of said easement. Prior to final acceptance, the Contractor shall be responsible for removing all trash and debris within any permanent or temporary easements. Clean-up shall be to the satisfaction of the City of Round Rock Civil Inspector and/or the City Engineer.
11. Prior to any construction, the Contractor shall apply for and secure all proper permits from the appropriate authorities.
12. Available permanent benchmarks (City of Round Rock Datum) with vertical datum information that may be utilized for the construction of this project and are described as follows: 8
[List any/all benchmarks to be used that include horizontal (ex: NAD 83) and vertical (ex: NAVD88) datums as well as GEOID (ex: 12B)]

TRENCH SAFETY NOTES:

1. In accordance with the Laws of the State of Texas and the U.S. Occupational Safety and Health Administration (OSHA) 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. Trench safety systems to be utilized for this project shall be provided as part of a package required prior to the pre-construction meeting and any construction activities.
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 in such a manner 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 but, 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 Design Engineer notified immediately. Construction shall not resume until appropriate trench safety system details, as designed by a professional engineer, are submitted to the City of Round Rock for review and approval.

STREET AND DRAINAGE NOTES:

1. 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 they shall be given a minimum 24-hour notice prior to any testing.
2. Public roadways constructed as part of any development permit shall be free from defects, patches, or repairs prior to acceptance by the City of Round Rock. Roadways shall have a clear surface free from any gouges, marring, or cracking to be considered suitable to the City of Round Rock Transportation Dept. No new roadways shall be accepted until all construction traffic related to this or any associated permit has ceased, and the roadway is open to and exclusively used by the general public.
3. 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 clumps and suitable for sustaining plant life.
4. The 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.
5. 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 submitted to and approved by the City of Round Rock Planning and Development Services Department.
6. 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.
7. All reinforced concrete pipe (RCP) shall be minimum Class III. All public RCP shall be a minimum of 18-inches in diameter.

The Geotechnical Engineer shall inspect the subgrade for compliance with the design assumptions made during preparation of the accepted geotechnical report. Any adjustments that are required shall be made through revision of the construction plans and addendum to any accepted geotechnical report.

1. Where plasticity index (PI) is over 20, subgrades must be stabilized utilizing a method acceptable to the Planning and Development Services Department. The Geotechnical Engineer shall recommend an appropriate subgrade stabilization if sulfates are determined to be present. When utilizing lime for soil stabilization, placement shall be in the form of lime slurry, not pellets.

Field Density Control Requirements

Soil Description	Density, Percent	Moisture Content
	Tex-115-E	
PI<15	≥ 98% D_s* and ≤ 105% D_s	N/A
15 ≤ PI ≤ 35	≥ 98% D_s and ≤ 102% D_s	≥ W_{opt} +3%
PI > 35	≥ 95% D_s and ≤100% D_s	≥ W_{opt} +3%

WATER AND WASTEWATER NOTES:

1. Pipe material for water mains shall be PVC (AWWA C-900, min. class 200), or Ductile Iron (AWWA C-100, min. class 200). Water services (2" or less) shall be polyethylene tubing (black, 200 psi, DR 9).
2. Pipe material for pressure wastewater mains shall be PVC (AWWA C-900, min. class 150), SDR26 Higher Pressure Rated (160 PSI), or Ductile Iron (AWWA C-100, min. class 200). Pipe material for gravity wastewater mains shall be SDR26 PVC, PVC (ASTM D2241 or D3034, max. DR-26), Ductile Iron (AWWA C-100, min. class 200).
3. Unless otherwise accepted by the Planning and Development Services Department, minimum depth of cover for all lines outside of the paved areas shall be 4.2" below finished grade and 30"below subgrade for all lines located in paved areas.
4. All fire hydrant and sprinkler leads shall be ductile iron pipe (AWWA C-100, min. class 200).
5. 5. All ductile iron pipe and fittings shall be wrapped with a minimum of 8-mil polyethylene and sealed with duct tape or equal accepted by the City of Round Rock Civil Inspector.
6. The Contractor shall contact the City of Round Rock Inspector to coordinate utility tie-ins and notify them at least 48 hours prior to connecting to any 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. Core connections to fiberglass manholes are prohibited.
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 always be possessed by any parties who utilize water. Contact Water Distribution at (512) 801-4435 for additional information.
9. Line flushing, or any activity using a large quantity of water, must be scheduled a minimum (10) days in advance 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 the City of Round Rock Civil Inspector. 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 their 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. Fee amounts may be obtained by contacting the City of Round Rock Environmental Services Laboratory at (512) 218-5561 or waterlab@roundrocktexas.gov.
12. The Contractor, at their expense, shall perform quality testing for all wastewater pipe installed and pressure pipe hydrostatic testing of all waterlines constructed. The Contractor shall provide all equipment (including pumps and gauges), supplies, and labor necessary to perform these tests. Quality and pressure testing shall be monitored by the City of Round Rock Civil Inspector.
13. The Contractor shall coordinate testing with the City of Round Rock Civil Inspector and provide no less than (24) hours of notice prior to performing sterilization, quality testing, or pressure testing.
14. The Contractor (or Subcontractors) shall not open or close any valves unless directed to do so by City of Round Rock personnel.
15. All valve boxes and covers shall be cast iron.
16. All water service, wastewater service and valve locations shall be appropriately marked as follows:
    - water service - "W" on top of curb (blue color)
    - wastewater service - "S" on top of curb
    - valve - "V" on face of curb
17. 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 Design Engineer and approved by the City of Round Rock.
18. Contact the City of Round Rock Utilities and Environmental Services (UES) Department for assistance in determining existing water and wastewater locations.
19. The City of Round Rock Fire Department shall be notified (48) hours prior to the testing of any building sprinkler piping so that they may be present to monitor such testing.
20. 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

21. 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 are usually outside normal working hours (7AM -4 PM) and possibly between 12 AM and 6 AM.
22. All wastewater construction shall be in accordance with the Texas Commission on Environmental Quality (TCEQ) Regulations, 30 TAC Chapter 213 and 217, as applicable. All water construction shall be in accordance with TCEQ Regulations, 30 TAC Chapter 290. Whenever TCEQ and City of Round Rock specifications conflict, the more stringent shall apply.

TRAFFIC MARKING NOTES:

1. 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 (TMUTCD), latest edition.
2. 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:

1. Erosion control measures, site work, and restoration work shall be in accordance with the City of Round Rock Design and Construction Standards (DACS) and Code of Ordinances.
2. All slopes shall be sodded or seeded with approved grass, grass mixtures, or ground cover that is suitable to the area and the 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. Installation and condition 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 revegetation has been established and approval received from the Civil Inspector. It shall be the responsibility of the Contractor to maintain all temporary erosion control structures and to remove all once approved to do so by the Civil Inspector.
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.

ROUND ROCK FIRE DEPARTMENT NOTES:

1. GENERAL: All developments shall comply with the current Fire Code, appendices, and any local amendments as adopted by the City of Round Rock.
2. COMBUSTIBLE MATERIALS ON-SITE: All-weather access roads/drives (asphalt/concrete capable of supporting 80,000 lb. apparatus loading) shall be constructed, and all water lines shall be tested and fire hydrants in-service, prior to bringing combustible materials (wood, packaging, plastics, etc.) on any job site. Base material is not acceptable for fire access roads/drives.
3. FIRE LANES: Fire apparatus access roads/drives shall have a minimum unobstructed width of (20) feet. Where traffic is two-way directional, buildings exceed (30) feet or three stories in height, total building area exceeds 62,000 square feet, or where hydrants are located along the fire access roads, the minimum width shall be (26) feet. If raised curbing or medians compromise minimum width, curbing shall be mountable and raised area shall contain no obstructions such as landscaping, signage, ground-mounted equipment, etc.
4. ALL-WEATHER SURFACE: The pavement structure for fire access roads/drives must be all weather surface (asphalt/concrete) designed to support an 80,000 lb. apparatus loading.
5. GRADE: The grade through the fire lane access shall not exceed 7% and no grade breaks shall exceed 3%.
6. TURNING RADII: Turning radii shall be a minimum of 25-ft inside and 50-ft outside as measured from face-of-curb (when present) or on drivable, paved surface.
7. VERTICAL CLEARANCE: The vertical clearance over a designated fire lane shall not be less than 13'-6".
8. EMERGENCY RESPONDER RADIO COVERAGE: Adequate emergency responder radio coverage shall be required for all new buildings. A pre-enhancement radio survey shall be required at the 80% construction phase for certain building types based on the size of the building. Preenhancement radio survey requirements include the following building types:
    - Greater than (5) Stories
    - Below grade plane
    - Wood framed construction greater than 50,000 SF
    - Concrete or metal framed construction greater than 25,000 SF

9. REQUIRED FIRE FLOWS: A project's minimum fire flow for the largest building shall be measured at (20) PSI residual pressure that is available for firefighting per the flows on tables B105.1 or B105.2 of the International Fire Code (IFC), Appendix B. DISCLAIMER: It is the responsibility of the developer and engineer to ensure these minimum fire flow requirements for the site are met via flow testing and water modeling.
10. SPRINKER SYSTEMS: Buildings equipped with any fire department connections (FDC) shall have a fire hydrant located within 100' of the FDC (remote FDC is permissible). FDC shall be identified on the site via signage.
11. GATES: If gates are provided along any fire access road/drive, minimum passable width shall not be less than (20) feet and shall comply with IFC Appendix D and Round Rock Code of Ordinances regarding emergency access systems. Gates will require a Knox-Box® key box that shall contain keys to gain necessary access as required by the fire code official.

Tree Protection Notes

1. All trees not located within the limits of construction and outside of disturbed areas shall be preserved.
2. All trees shown on this plan to be retained shall be protected during construction with fencing.
3. Tree protection fences shall be erected according to city standards for tree protection, including types of fencing and signage.
4. Tree protection fences shall be installed prior to the commencement of any site preparation work (clearing, grubbing, or grading) and shall be maintained throughout all phases of the construction project.
5. Erosion and sedimentation control barriers shall be installed or maintained in a manner which does not result in soil build-up within tree driplines.
6. Fences shall completely surround the tree or clusters of trees, located at the outermost limits of the tree branches (dripline) or CRZ, whichever is greater; and shall be maintained throughout the construction project in order to prevent the following:
   a. Soil compaction in root zone area resulting from vehicular traffic or storage of equipment or material.
   b. Root zone disturbances due to grade changes (greater than 6 inches cut or fill) or trenching not reviewed and authorized by the Forestry Manager.
   c. Wounds to exposed roots, trunk, or limbs by mechanical equipment
   d. Other activities detrimental to trees such as chemical storage, concrete truck cleaning, and fires.
7. Exceptions to installing tree fences at the tree driplines or CRZ, whichever is greater, may be permitted in the following cases:
   a. Where there is to be an approved grade change, impermeable paving surface, or tree well;
   b. Where permeable paving is to be installed, erect the fence at the outer limits of the permeable paving area.
   c. Where trees are close to proposed buildings, erect the fence no closer than 6 feet to the building.
   d. Where there are severe space constraints due to tract size, or other special requirements, contact the Forestry Manager to discuss alternatives.
8. Where any of the above exceptions result in a fence that is closer than 5 feet to a tree trunk, protect the trunk with strapped-on planking to a height of 8 feet (or to the limits of lower branching) in addition to the reduced fencing provided.
9. Where any of the above exceptions result in areas of unprotected root zones under the dripline or CRZ, whichever is greater, those areas should be covered with 4 inches of organic mulch to minimize soil compaction.
10. All grading within protected root zone areas shall be done by hand or with small equipment to minimize root damage. Prior to grading, relocate protective fencing to 2 feet behind the grade change area.
11. Any roots exposed by construction activity shall be pruned flush with the soil. Backfill root areas with good quality top soil within two days. If exposed root areas are not backfilled within 2 days, cover them with organic material in a manner which reduces soil temperature and minimizes water loss due to evaporation.
12. Prior to excavation or grade cutting within tree driplines, a clean cut shall be made between the disturbed and undisturbed root zones with a rock saw or similar equipment to minimize damage to remaining roots.
13. Trees most heavily impacted by construction activities will be watered deeply once a week during periods of hot, dry weather. Three crowns are to be sprayed with water periodically to reduce dust accumulation on leaves.
14. When installing concrete adjacent to the root zone of a tree use a plastic vapor barrier behind the concrete to prohibit leaching of lime into the root zone.
15. Any trenching required for the installation of landscape irrigation shall be placed as far from existing tree trunks as possible.
16. No landscape topsoil dressing greater than four (4) inches shall be permitted within the dripline or CRZ, whichever is greater, of trees. No topsoil is permitted on root flares of any tree.
17. Pruning to provide clearance for structures, vehicular traffic, and construction equipment shall take place before construction begins. All pruning must be done according to city standards and as outlined in literature provided by the International Society of Arboriculture (ISA pruning techniques).
18. All oak tree cuts, intentional or unintentional, shall be painted immediately (within 10 minutes). Tree paint must be kept on site at all times.
19. The Forestry Manager has the authority to require additional tree protection before or during construction.
20. Trees approved for removal shall be removed in a manner which does not impact trees to be preserved. Refer to the City of Round Rock Tree Technical Manual for appropriate removal methods.
21. Prior to construction all lower tree limbs over roadways must be pruned to a height of 14 feet height using the techniques described in the City of Round Rock Tree Technical Manual.
22. Deviations from the above notes may be considered ordinance violations if there is substantial noncompliance or if a tree sustains damage as a result.

ADMINISTRATION, INSPECTION AND ENFORCEMENT NOTES:

ADMINISTRATION
The Ordinance and the standards in this Manual will be administered and updated by the Forestry Manager. Refer to Section 3.1112 of the Ordinance for more information.

INSPECTION
Inspection by owner
The project arborist or landscape architect retained by the applicant shall conduct the following required inspections of construction sites containing protected trees. Inspections shall verify that the type of tree protection and/or plantings are consistent with the standards outlined within this Manual. For each required inspection or meeting, a written summary of the changing tree related conditions and actions taken shall be provided to the Forestry Manager.

a. Construction Meeting. Prior to commencement of construction, the applicant or contractor shall conduct a pre-construction meeting to discuss tree protection with the job site superintendent, grading equipment operators, project arborist or landscape architect, and Forestry Manager. At this time all tree protection fencing approved in the permit plans must be installed correctly.

b. Inspection of Rough Grading. The project arborist or landscape architect shall perform an inspection during the course of rough grading adjacent to the CRZ to ensure trees will not be injured by compaction, cut or fill, drainage and trenching, and if required, inspect aeration systems, tree wells, drains and special paving. The contractor shall provide the Forestry Manager at least 48 hours advance notice of such activity.

c. Monthly Inspections. The project arborist or landscape architect shall perform monthly inspections to monitor changing conditions and tree health. The Forestry Manager shall be in receipt of an inspection summary if there are any changes to the approved plans, tree health conditions, or protection measures. If the Forestry Manager is not in receipt of inspection summaries prior to final inspection, he will assume that no change in tree conditions have occurred in the field during construction.

d. Special activity within the Critical Root Zone. Work in this area (CRZ) requires the direct onsite supervision of the project arborist or landscape architect.

e. Landscape Architect Inspection. Prior to the issuing of the certificate of occupancy, the applicant or contractor shall contact the landscape architect to perform an on site inspection of all plant stock, quality of the materials and planting and that the irrigation is functioning consistent with the approved construction plans. The City shall be in receipt of a letter of compliance from the landscape architect prior to scheduling the final inspection, unless otherwise approved.

Inspection by city representative
There are four inspections performed by the Forestry Manager as described in Section 3.1112 (2) of the Ordinance. They include the following:
a. Site inspection at the site development plan or preliminary plat submittal.
b. Tree fencing inspection and other tree preservation measures.
c. Unscheduled site visits during construction.
d. Final inspection.

4.3 ENFORCEMENT
The Ordinance and the standards in this Manual are enforced by the Forestry Manager. Enforcement is described in Section 3.1112 (2) of the Ordinance.

REVISIONS			
NO.	DATE	DESCRIPTION	
#	#	#	
#	#	#	
#	#	#	
#	#	#	
#	#	#	

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXENG FIRM I-1114)

GENERAL NOTES

BERKMAN ES ADDITION &
FULKES MS AUDITORIUM ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

10/24/2025

STATE OF TEXAS
GILBERTO MOTA
146585
LICENSED
PROFESSIONAL ENGINEER

JOB NO.	B013728.001
DESIGNED BY:	#
DRAWN BY:	#
CHECKED BY:	######
DATE:	10/24/25
SHEET:	C1.02

SDP 25-00030

FULL PATH: P:\013700\013728\001\Civil\CAD\Plot Sheets\COVR
FILENAME: COVR.dwg
PLOTTED BY: Gilberto Mota
PLOTTED ON: Friday, October 24, 2025

FILENAME: PLAT.dwg
PLOTTED BY: Zachary Wilder
PLOTTED ON: Friday, October 24, 2025

FULL PATH: P:\013700\013728\001\Civil\CAD\Plot Sheets\PLAT

2021041651 PLAT Total Pages: 4

PLAT MAP RECORDING SHEET

DEDICATOR(s):

ROUND ROCK INDEPENDENT SCHOOL DISTRICT

SUBDIVISION NAME: BERKMAN/FULKES

PROPERTY IS DESCRIBED AS: 17.151 ACRES WILEY HARRIS SURVEY
ABSTRACT NO 298

SUBMITTED BY: CITY OF ROUND ROCK

DIGITALLY RECORDED

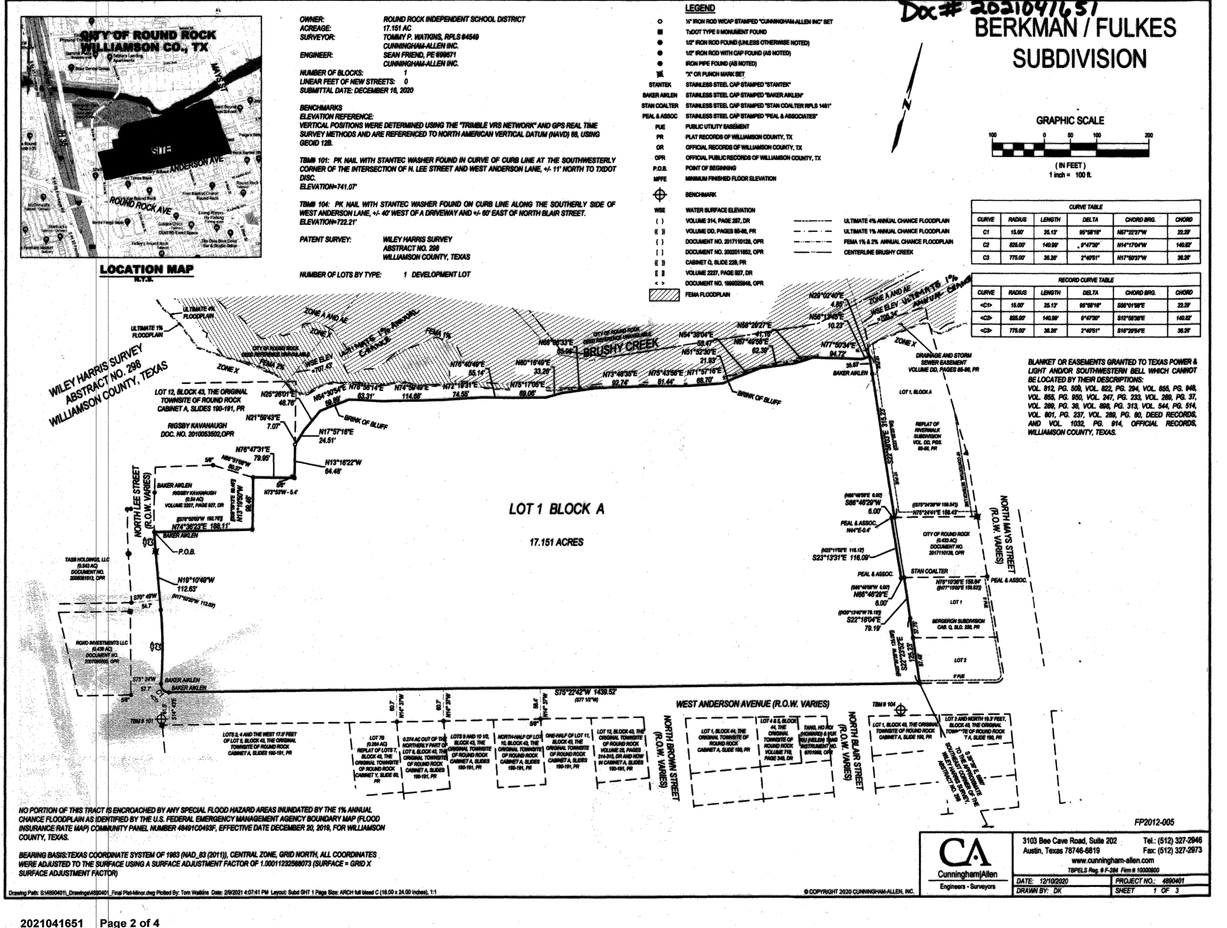
FILED AND RECORDED
OFFICIAL PUBLIC RECORDS 2021041651

PLAT Fee: $316.00
03/24/2021 09:15 AM BMCKENZIE

Nancy E. Rister, County Clerk
Willamson County, Texas

Doc# 2021041651

BERKMAN / FULKES SUBDIVISION



2021041651 Page 2 of 4

SHEET: C2.01	DATE: 10/24/25	CHECKED BY: #####	DRAWN BY: #	DESIGNED BY: #	JOB NO. 801.3728.001

GILBERTO MOTA 146585 LICENSED PROFESSIONAL ENGINEER STATE OF TEXAS 10/24/2025

PLAT 1 OF 2

BERKMAN ES ADDITION &
FULKES MS AUDITORIUM ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXENG FIRM F-1114)

REVISIONS		
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SDP-25-00030

Doc# 2021041651

BERKMAN-FULKES SUBDIVISION

FIELD NOTE DESCRIPTION

BEING A 17.151 ACRES TRACT OF LAND LOCATED IN THE WILEY HARRIS SURVEY, ABSTRACT NO. 298, WILLIAMSON COUNTY, TEXAS, BEING ALL THOSE TRACTS OF LAND CONVEYED TO ROUND ROCK INDEPENDENT SCHOOL DISTRICT (RRISD) IN VOLUME 160, PAGE 75, VOLUME 276, PAGE 100, VOLUME 279, PAGE 316, VOLUME 390, PAGE 640, VOLUME 414, PAGE 126, VOLUME 414, PAGE 128, VOLUME 428, PAGE 373, VOLUME 428, PAGE 370, VOLUME 428, PAGE 375, OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS; AND VOLUME 2649, PAGE 587, AND DOCUMENT NO. 9527530, SAVE AND EXCEPT THAT 0.097 ACRE TRACT CONVEYED BY RRISD TO CITY OF ROUND ROCK IN DOCUMENT NO. 9925948, OF THE OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS; SAID 17.151 ACRE TRACT OF LAND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING, AT A 1/2 INCH IRON ROD FOUND WITH CAP STAMPED "BAKER AIKLEN" FOUND IN THE EAST RIGHT-OF-WAY LINE OF LEE STREET (RIGHT-OF-WAY VARIES) FOR THE NORTHEAST CORNER OF SAID 0.097 ACRE SAVE & EXCEPT TRACT, SAME BEING THE SOUTHEAST CORNER OF A 0.021 ACRE TRACT OF LAND CONVEYED BY RIGSBY KAVANAUGH TO CITY OF ROUND ROCK IN A DEED RECORDED IN DOCUMENT NO. 2000037878, OFFICIAL PUBLIC RECORDS OF SAID COUNTY, AND BEING IN THE COMMON LINE OF SAID RRISD AND THAT 0.54 TRACT OF LAND CONVEYED TO RIGSBY KAVANAUGH IN A DEED RECORDED IN VOLUME 2227, PAGE 927, OF SAID OFFICIAL RECORDS AND FOR THE NORTHWEST CORNER OF THE HEREIN DESCRIBED TRACT;

THENCE, WITH SAID COMMON LINE, SAME BEING THE NORTHERLY LINE OF THE HEREIN DESCRIBED TRACT, THE FOLLOWING TWO (2) COURSES AND DISTANCES:
1. NORTH 74°36'23" EAST, A DISTANCE OF 188.11 FEET TO A 1/2 INCH IRON ROD WITH CAP STAMPED "CUNNINGHAM-ALLEN INC" SET, SAME BEING THE SOUTHEAST CORNER OF THE 0.54 ACRE KAVANAUGH TRACT;
2. NORTH 13°19'50" WEST, A DISTANCE OF 99.46 FEET TO A 1/2 INCH IRON ROD FOUND, SAME BEING THE EASTERNMOST NORTHEAST CORNER OF SAID 0.54 ACRE KAVANAUGH TRACT, AND IN THE SOUTH LINE OF THAT TRACT OF LAND REFERRED TO AS LOT 12, BLOCK 43, CONVEYED TO RIGSBY KAVANAUGH IN A DEED RECORDED IN DOCUMENT NO. 2010053502, OF SAID OFFICIAL PUBLIC RECORDS, FROM WHICH A 5/8 INCH IRON ROD FOUND IN SAID SOUTH LINE, SAME BEING THE NORTH LINE OF SAID 0.54 ACRE KAVANAUGH TRACT, BEARS NORTH 86°51'08" WEST, A DISTANCE OF 80.37 FEET;

THENCE, CONTINUING WITH SAID NORTHERLY LINE AND WITH THE SOUTH AND EAST LINE OF THAT TRACT OF LAND REFERRED TO AS LOT 12, BLOCK 43, THE FOLLOWING TWO (2) COURSES AND DISTANCES:
1. NORTH 76°47'31" EAST, A DISTANCE OF 79.95 FEET TO A 1/2 INCH IRON ROD FOUND;
2. NORTH 13°16'22" WEST, A DISTANCE OF 64.48 FEET TO A 1/2 INCH IRON ROD WITH CAP STAMPED "CUNNINGHAM-ALLEN INC" SET AT THE BRINK OF THE BLUFF OVER BRUSHY CREEK;

THENCE, CONTINUING WITH SAID NORTHERLY LINE, WITH SAID THE BRINK OF THE BLUFF OVER BRUSHY CREEK, THE FOLLOWING TWENTY ONE (21) COURSES AND DISTANCES:
1. NORTH 21°59'43" EAST, A DISTANCE OF 7.07 FEET;
2. NORTH 17°57'16" EAST, A DISTANCE OF 24.51 FEET;
3. NORTH 25°26'01" EAST, A DISTANCE OF 48.76 FEET;
4. NORTH 54°30'54" EAST, A DISTANCE OF 59.89 FEET;
5. NORTH 78°56'14" EAST, A DISTANCE OF 63.31 FEET;
6. NORTH 74°59'49" EAST, A DISTANCE OF 114.68 FEET;
7. NORTH 72°19'31" EAST, A DISTANCE OF 74.55 FEET;
8. NORTH 76°40'49" EAST, A DISTANCE OF 55.14 FEET;
9. NORTH 75°17'05" EAST, A DISTANCE OF 69.06 FEET;
10. NORTH 60°16'49" EAST, A DISTANCE OF 33.26 FEET;
11. NORTH 68°06'33" EAST, A DISTANCE OF 65.96 FEET;
12. NORTH 73°48'35" EAST, A DISTANCE OF 92.74 FEET;
13. NORTH 75°43'56" EAST, A DISTANCE OF 81.44 FEET;
14. NORTH 71°57'16" EAST, A DISTANCE OF 68.70 FEET;
15. NORTH 51°52'30" EAST, A DISTANCE OF 21.93 FEET;
16. NORTH 54°38'04" EAST, A DISTANCE OF 55.47 FEET;
17. NORTH 67°49'56" EAST, A DISTANCE OF 62.39 FEET;
18. NORTH 58°29'27" EAST, A DISTANCE OF 41.16 FEET;
19. NORTH 77°50'34" EAST, A DISTANCE OF 94.72 FEET;
20. NORTH 56°13'45" EAST, A DISTANCE OF 10.23 FEET;
21. NORTH 29°02'40" EAST, A DISTANCE OF 4.85 FEET TO THE WEST LINE OF RIVERWALK SUBDIVISION, ACCORDING TO THE MAP OR PLAT THEREOF RECORDED IN CABINET DD, SLIDES 86 AND 86, PLAT RECORDS OF SAID COUNTY, SAME BEING THE NORTHEAST CORNER OF THE HEREIN DESCRIBED TRACT;

THENCE, SOUTH 22°58'03" EAST, DEPARTING THE BRINK OF THE BLUFF OVER BRUSHY CREEK WITH THE EAST LINE OF THE HEREIN DESCRIBED TRACT AND WEST LINE OF SAID RIVERWALK SUBDIVISION, PASSING A 1/2 INCH IRON ROD WITH CAP STAMPED "BAKER AIKLEN" FOUND ON LINE AT A DISTANCE OF 35.83 FEET AND CONTINUING FOR A TOTAL DISTANCE OF 315.23 FEET, TO A 1/2 INCH IRON ROD FOUND FOR THE SOUTHWEST CORNER OF SAID RIVERWALK SUBDIVISION IN THE NORTH LINE OF THOSE TRACTS OF LAND CONVEYED TO THE CITY OF ROUND ROCK IN A DEED RECORDED IN DOCUMENT NO. 2017110128, OF SAID OFFICIAL PUBLIC RECORDS, FROM WHICH AN "X" MARK IN CONCRETE FOUND IN THE WEST RIGHT-OF-WAY LINE OF MAYS STREET FOR THE NORTHEAST CORNER OF SAID CITY OF ROUND ROCK TRACT, BEARS NORTH 75°24'41" EAST, A DISTANCE OF 158.43 FEET;

THENCE, CONTINUING WITH THE EAST LINE OF THE HEREIN DESCRIBED TRACT AND WITH THE NORTH, WEST AND SOUTH LINE OF SAID CITY OF ROUND ROCK TRACT THE FOLLOWING THREE (3) COURSES AND DISTANCES:
1. SOUTH 66°46'29" WEST, A DISTANCE OF 6.00 FEET, FROM WHICH A 1/2 INCH IRON ROD WITH CAP STAMPED "PEEL & ASSOC." FOUND, BEARS NORTH 44° EAST, 0.4 FEET;
2. SOUTH 23°13'31" EAST, A DISTANCE OF 116.09 FEET TO A 1/2 INCH IRON ROD WITH CAP STAMPED "PEAL&ASSOC." FOUND;
3. NORTH 66°46'29" EAST, A DISTANCE OF 6.00 FEET TO A 1/2 INCH IRON ROD WITH CAP STAMPED "STAN COALTER RPLS 1481" FOUND FOR THE NORTHWEST CORNER OF LOT 1, BERGERON SUBDIVISION, ACCORDING TO THE MAP OR PLAT THEREOF RECORDED IN CABINET Q, SLIDE 228, OF SAID PLAT RECORDS, FROM WHICH A 1/2 INCH IRON ROD WITH CAP STAMPED "PEAL & ASSOC" FOUND IN THE WEST RIGHT-OF-WAY LINE OF MAYS STREET, BEARS NORTH 75°10'36" EAST, A DISTANCE OF 158.84 FEET;

THENCE, DEPARTING SAID SOUTH LINE AND CONTINUING WITH THE EAST LINE OF THE HEREIN DESCRIBED TRACT AND WEST LINE OF SAID BERGERON SUBDIVISION THE FOLLOWING TWO (2) COURSES AND DISTANCES:
1. SOUTH 22°18'04" EAST, A DISTANCE OF 79.19 FEET;
2. SOUTH 22°23'52" EAST, PASSING A 1/2 INCH IRON ROD FOUND FOR THE SOUTHWEST CORNER OF LOT 1 AND NORTHWEST CORNER OF LOT 2, BERGERON SUBDIVISION, AT A DISTANCE OF 37.75 FEET AND CONTINUING FOR A TOTAL DISTANCE OF 125.23 FEET TO 1/2 INCH IRON ROD FOUND IN THE NORTH RIGHT-OF-WAY LINE OF W ANDERSON AVENUE (RIGHT-OF-WAY VARIES) FOR THE SOUTHWEST CORNER OF SAID BERGERON SUBDIVISION AND SOUTHEAST CORNER OF THE HEREIN DESCRIBED TRACT;

THENCE, SOUTH 75°22'42" WEST, WITH THE SOUTH LINE OF THE HEREIN DESCRIBED TRACT AND NORTH RIGHT-OF-WAY LINE OF W ANDERSON AVENUE (RIGHT-OF-WAY VARIES), A DISTANCE OF 1439.52 FEET TO A 1/2 INCH IRON ROD WITH CAP STAMPED "BAKER AIKLEN" FOUND FOR THE SOUTHEAST CORNER OF SAID 0.097 ACRE SAVE & EXCEPT TRACT AND THE BEGINNING OF A NON-TANGENT CURVE TO THE RIGHT, SAME BEING THE SOUTHERNMOST SOUTHEAST CORNER OF THE HEREIN DESCRIBED TRACT;

THENCE, WITH THE WEST LINE OF THE HEREIN DESCRIBED TRACT AND EAST LINE OF SAID 0.097 ACRE SAVE & EXCEPT TRACT THE FOLLOWING FOUR (4) COURSES AND DISTANCES:
1. WITH SAID NON-TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 15.00 FEET, AN ARC LENGTH OF 25.13 FEET, A DELTA ANGLE OF 95°58'16", AND A CHORD WHICH BEARS NORTH 57°22'27" WEST, A DISTANCE OF 22.29 FEET TO A 1/2 INCH IRON ROD WITH CAP STAMPED "BAKER AIKLEN" FOUND AT THE BEGINNING OF A CURVE TO THE LEFT;
2. WITH SAID CURVE TO THE LEFT, HAVING A RADIUS OF 825.00 FEET, AN ARC LENGTH OF 140.99 FEET, A DELTA ANGLE OF 09°47'30", AND A CHORD WHICH BEARS NORTH 14°17'04" WEST, A DISTANCE OF 140.82 FEET TO A 1/2 INCH IRON ROD FOUND;
3. NORTH 19°10'49" WEST, A DISTANCE OF 112.63 FEET TO A "X" MARK IN CONCRETE SET AND THE BEGINNING OF A NON-TANGENT CURVE TO THE RIGHT;
4. WITH SAID NON-TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 775.00 FEET, AN ARC LENGTH OF 36.26 FEET, A DELTA ANGLE OF 02°40'51", AND A CHORD WHICH BEARS NORTH 17°50'37" WEST, A DISTANCE OF 36.26 FEET TO THE **POINT OF BEGINNING.**

FP2012-005

CA Cunningham|Allen Engineers · Surveyors
3103 Bee Cave Road, Suite 202
Austin, Texas 78746-6819
Tel.: (512) 327-2946
Fax: (512) 327-2973
www.cunningham-allen.com
TBPELS Reg. # F-284 Firm # 10000900

DATE: 12/10/2020	PROJECT NO.: 4890401
DRAWN BY: DK	SHEET 2 OF 3

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Drawing Path: S:\4890401_Drawings\4890401_Final Plat-Minor.dwg Plotted By: Tom Watkins Date: 2/9/2021 4:08:00 PM Layout: Subd SHT 3 Page Size: ARCH full bleed C (18.00 x 24.00 Inches), 1:1

Doc# 2021041651

BERKMAN / FULKES SUBDIVISION

STATE OF TEXAS {
COUNTY OF WILLIAMSON {

I, TERRY WORCESTER, CHIEF OPERATING OFFICER, AUTHORIZED PERSON OF ROUND ROCK INDEPENDENT SCHOOL DISTRICT, AS THE OWNER OF 17.151 ACRES OF LAND OUT OF THE WILEY HARRIS SURVEY, ABSTRACT NO. 298, WILLIAMSON COUNTY, TEXAS, BEING ALL THOSE TRACTS OF LAND CONVEYED TO ROUND ROCK INDEPENDENT SCHOOL DISTRICT IN VOLUME 160, PAGE 75, VOLUME 276, PAGE 100, VOLUME 279, PAGE 316, VOLUME 390, PAGE 640, VOLUME 414, PAGE 126, VOLUME 414, PAGE 128, VOLUME 428, PAGE 373, VOLUME 428, PAGE 370, VOLUME 428, PAGE 375, OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS; AND VOLUME 2649, PAGE 587, AND DOCUMENT NO. 9527530, SAVE AND EXCEPT THAT 0.097 ACRE TRACT CONVEYED BY RRISD TO CITY OF ROUND ROCK IN DOCUMENT NO. 9925948, OF THE OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS DO HEREBY CERTIFY THAT THERE ARE NO LIEN HOLDERS AND DEDICATED TO THE PUBLIC FOREVER USE OF STREETS DEDICATE TO THE PUBLIC FOREVER USE OF THE STREETS, ALLEYS, EASEMENTS AND ALL OTHER LANDS INTENDED FOR PUBLIC DEDICATION AS SHOWN HEREON TO BE KNOWN AS:

BERKMAN / FULKES SUBDIVISION

OWNER: ROUND ROCK INDEPENDENT SCHOOL DISTRICT
TERRY WORCESTER, CHIEF OPERATING OFFICER,
AUTHORIZED PERSON
1311 ROUND ROCK AVE.
ROUND ROCK, TEXAS 78681

Terry Worcester 03 03 2021

STATE OF TEXAS {
COUNTY OF WILLIAMSON {

THIS INSTRUMENT WAS ACKNOWLEDGED BEFORE ME ON THE 3rd DAY OF March, 2021, BY TERRY WORCESTER, AS AUTHORIZED PERSON, OF ROUND ROCK INDEPENDENT SCHOOL DISTRICT, ON BEHALF OF SAID ROUND ROCK INDEPENDENT SCHOOL DISTRICT.

NOTARY PUBLIC STATE OF TEXAS
Debra Muell
PRINTED NAME:
MY COMMISSION EXPIRES: May 19, 2024

DEBRA MUELLER Notary ID #132484941 My Commission Expires May 19, 2024

GENERAL PLAT NOTES:

1. NO PORTION OF THIS TRACT IS WITHIN A FLOOD HAZARD AREA AS SHOWN ON THE FLOOD INSURANCE RATE MAP PANEL 48491C0493F FOR WILLIAMSON CO., EFFECTIVE DECEMBER 20, 2019.
2. BUILDING SETBACKS SHALL BE IN ACCORDANCE WITH PART III, ZONING AND DEVELOPMENT CODE, CHAPTER 2, ZONING DISTRACTS AND REGULATIONS, CITY OF ROUND ROCK, TEXAS, 2018, AS AMENDED.
3. SIDEWALKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH PART III, ZONING AND DEVELOPMENT CODE, SECTION 6-26, CITY OF ROUND ROCK, TEXAS, 2018, AS AMENDED.
4. PUE AND SIDEWALK EASEMENT SHALL BE DEFINED AND DEDICATED IN ASSOCIATION WITH THE SITE DEVELOPMENT PERMIT FOR "CD FULKES MIDDLE SCHOOL REPLACEMENT (SDP2008-0001) SUBMITTED ON 09/07/2020.
5. NO PORTION OF THIS TRACT IS ENCROACHED BY THE ULTIMATE 1% ANNUAL CHANCE FLOODPLAIN.
6. ALL MINIMUM FINISHED FLOOR ELEVATIONS SHALL BE TWO (2) FEET ABOVE THE ULTIMATE 1% ANNUAL CHANCE FLOODPLAIN.
7. PRIOR TO RECORDATION, ALL FRANCHISE UTILITY AND CITY UTILITY SIGNOFFS SHALL BE REVIEWED AND APPROVED BY PLANNING AND DEVELOPMENT SERVICES FOR OMISSION OF THE STANDARD 10' P.U.E. ALONG N LEE STREET AND W ANDERSON LANE.

APPROVED THIS 13 DAY OF January, 2021 BY THE PLANNING AND DEVELOPMENT SERVICES DEPARTMENT OF THE CITY OF ROUND ROCK, TEXAS, AND AUTHORIZED TO BE FILED FOR RECORD BY THE COUNTY CLERK OF WILLIAMSON COUNTY, TEXAS.

THE PROPERTY COVERED BY THIS PLAT IS WITHIN THE CITY LIMITS OF THE CITY OF ROUND ROCK.

BRAD WISEMAN, DIRECTOR
CITY OF ROUND ROCK PLANNING AND DEVELOPMENT SERVICES DEPARTMENT
DATE 3/2/21

STATE OF TEXAS {
COUNTY OF WILLIAMSON {

THAT I TOMMY P. WATKINS, 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 THEREON WERE PROPERLY PLACED OR DISCOVERED UNDER MY PERSONAL SUPERVISION, IN ACCORDANCE WITH CHAPTER 4, SUBDIVISION DESIGN AND CONSTRUCTION, PART III - ZONING AND DEVELOPMENT CODE, CODE OF ORDINANCES, CITY OF ROUND ROCK, 2018 EDITION AS AMENDED.

TOMMY P. WATKINS, R.P.L.S.
TEXAS REGISTRATION NO. 4549
CUNNINGHAM-ALLEN, INC.
3103 BEE CAVE ROAD, SUITE 202
AUSTIN, TEXAS 78746
(PHONE) 512-327-2946

STATE OF TEXAS TOMMY P. WATKINS 4549 PROFESSIONAL LAND SURVEYOR 3/1/2021

STATE OF TEXAS {
COUNTY OF WILLIAMSON {

THAT I, SEAN FRIEND, DO HEREBY CERTIFY THAT THE INFORMATION CONTAINED ON THIS PLAT COMPLIES WITH CHAPTER 4, SUBDIVISION DESIGN AND CONSTRUCTION, PART III - ZONING AND DEVELOPMENT CODE, CODE OF ORDINANCES, CITY OF ROUND ROCK, 2018 EDITION AS AMENDED, AND THE DESIGN AND CONSTRUCTION STANDARDS ADOPTED BY THE CITY OF ROUND ROCK, TEXAS.

SEAN FRIEND, P.E. NO. 99671
CUNNINGHAM-ALLEN, INC.
3103 BEE CAVE ROAD, SUITE 202
AUSTIN, TEXAS 78746
PHONE: 512-327-2946
TBPE REG. NO. F-284

STATE OF TEXAS SEAN FRIEND 99671 LICENSED PROFESSIONAL ENGINEER 3-1-21

STATE OF TEXAS {
COUNTY OF WILLIAMSON {

THAT I, NANCY E. RISTER, CLERK OF THE COUNTY COURT OF SAID COUNTY, DO HEREBY CERTIFY THAT THE FOREGOING INSTRUMENT IN WRITING, WITH ITS CERTIFICATION OF AUTHENTICATION, WAS FILED FOR RECORD IN MY OFFICE ON THE 24th DAY OF MARCH A.D. 2021 AT 8:53 O'CLOCK A.M. AND DULY RECORDED ON THE 24th DAY OF MARCH A.D. 2021 AT 9:15 O'CLOCK A.M. IN THE OFFICIAL PUBLIC RECORDS OF SAID COUNTY, IN DOCUMENT NO. 2021041651. WITNESS MY HAND AND SEAL OF THE COUNTY COURT OF SAID COUNTY, AT OFFICE IN GEORGETOWN, TEXAS, THE DATE LAST ABOVE WRITTEN.

NANCY E. RISTER, CLERK, COUNTY COURT OF WILLIAMSON COUNTY, TEXAS

BY: Brenda McKenzie
DEPUTY Brenda McKenzie

COUNTY COURT WILLIAMSON COUNTY TEXAS

RECORDERS MEMORANDUM
All or parts of the text on this page was not clearly legible for satisfactory recordation

FP2012-005

CA Cunningham|Allen Engineers · Surveyors
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www.cunningham-allen.com
TBPELS Reg. # F-284 Firm # 10000900

DATE: 12/10/2020	PROJECT NO.: 4890401
DRAWN BY: DK	SHEET 3 OF 3

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Drawing Path: S:\4890401_Drawings\4890401_Final Plat-Minor.dwg Plotted By: Tom Watkins Date: 2/9/2021 4:07:50 PM Layout: Subd SHT 2 Page Size: ARCH full bleed C (18.00 x 24.00 Inches), 1:1

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CHECKED BY:	#####
DATE:	10/24/25
SHEET:	C2.02

STATE OF TEXAS GILBERTO MOTA 146585 LICENSED PROFESSIONAL ENGINEER 10/24/2025

PLAT 2 OF 2

BERKMAN ES ADDITION &
FULKES MS AUDITORIUM ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXENG FIRM F-1114)

REVISIONS		
NO.	DATE	DESCRIPTION
#	#	#
#	#	#
#	#	#
#	#	#
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TREE LIST									
NO.	DESCRIPTION	729	9" PECAN	760	12" CEDAR ELM (8, 8)	789	8" CEDAR ELM	819	22" POST OAK
700 (H)	31" POST OAK	730	22" LIVE OAK	761	11" CEDAR ELM	790	8" WHITE OAK	820 (H)	26" POST OAK
701 (H)	38" POST OAK	731 (H)	39" LIVE OAK (32, 13)	762	10" CEDAR ELM	791	10" CEDAR ELM	821 (H)	36" LIVE OAK (26, 21)
702	17" POST OAK	732	23" LIVE OAK	763	11" AMERICAN ELM	792	8" CEDAR ELM	822	7" SPANISH OAK
703 (H)	25" POST OAK	733 (H)	27" LIVE OAK (19, 15)	764	16" CEDAR ELM	793	10" HACKBERRY (10, ILL)	823	8" SPANISH OAK
704	24" LIVE OAK	734 (H)	26" LIVE OAK	765	12" CEDAR ELM	794	8" HACKBERRY	824	9" CEDAR ELM
705 (H)	30" LIVE OAK	735	11" HACKBERRY	766	8" CEDAR	795	9" CEDAR ELM	825	11" AMERICAN ELM
706 (H)	29" LIVE OAK	736	6" PECAN	767	8" CEDAR	796	11" CEDAR ELM	826	8" CHINABERRY
707 (H)	24" LIVE OAK	737	9" PECAN	768	11" CEDAR ELM (8, 3, 2)	797	13" CEDAR ELM	827	15" CHINABERRY
708 (H)	29" LIVE OAK	738	20" PECAN	769	16" CEDAR ELM (16, ILL)	798	9" HACKBERRY	828	7" HACKBERRY
709 (H)	38" LIVE OAK (26, 24)	739 (H)	31" LIVE OAK	770	16" CEDAR (11, 10)	799	8" WHITE OAK	829	13" CHINABERRY (10, 7)
710	24" CEDAR ELM (PREVIOUSLY REMOVED)	740 (H)	26" LIVE OAK	771	14" WHITE OAK	800	16" CEDAR ELM	830	16" HACKBERRY
711 (H)	37" LIVE OAK (25, 23)	741 (H)	26" LIVE OAK	772	10" CEDAR	801	16" LIVE OAK	831	16" LIVE OAK
712	17" LIVE OAK (WITH BEEHIVE)	742 (H)	41" LIVE OAK	773	14" LIVE OAK	802	9" CEDAR ELM	832	18" PECAN (10, 9, 7)
713	23" LIVE OAK	743	9" SPANISH OAK	774	12" CEDAR ELM	803	10" WHITE OAK	833	15" HACKBERRY (11, 9)
714 (H)	25" LIVE OAK	744 (H)	41" LIVE OAK	775	11" CHINABERRY	804	9" CEDAR ELM	834	15" HACKBERRY (11, 8)
715	13" SPANISH OAK (9, 7)	745 (H)	30" LIVE OAK	776	15" CEDAR ELM (12, 6)	805	18" LIVE OAK		
716 (H)	35" POST OAK	746 (H)	30" LIVE OAK	777	12" CEDAR ELM (8, 7)	806	8" LIVE OAK		
717 (H)	25" LIVE OAK	747 (H)	29" LIVE OAK (20, 18)	778	11" CHINABERRY	807	13" LIVEOAK		
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720 (H)	41" LIVE OAK	750 (H)	25" LIVE OAK	781	9" CEDAR ELM	810	18" CEDAR ELM (11, 8, 5)		
721 (H)	25" POST OAK	751 (H)	32" LIVE OAK	782	10" CEDAR ELM	811	9" CEDAR ELM		
722	16" POST OAK	752 (H)	50" LIVE OAK (50, ESTIMATE)	783	10" CEDAR ELM	812	12" CEDAR ELM (8, 7)		
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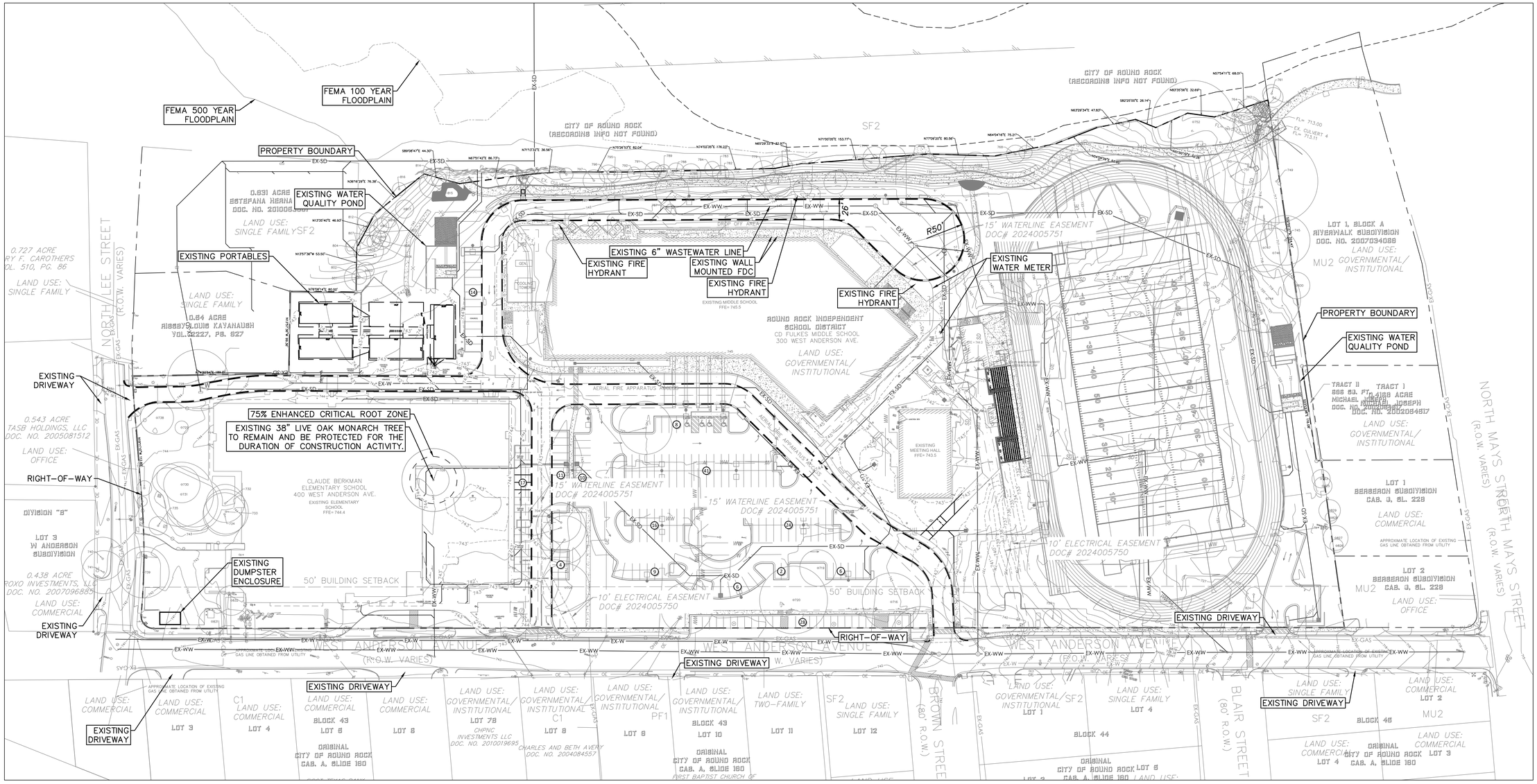
726	19" HACKBERRY	756	16" LIVE OAK	787	20" CHINABERRY (15, 10)	816	8" WHITE OAK		
727	26" CHINABERRY (16, 10, 10)	757	11" LIVE OAK	788	10" CEDAR ELM	817	11" CEDAR ELM		
728 (H)	37" LIVE OAK	758	15" LIVE OAK			818	9" CEDAR ELM		



GRAPHIC SCALE IN FEET
60 0 60 120
1" = 60'

REVISIONS

NO.	DATE	DESCRIPTION
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EXISTING CONDITIONS

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXENGFIRM I-1114)

BERKMAN ES ADDITION & FULKES MS AUDITORIUM ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

10/24/2025

STATE OF TEXAS
GILBERTO MOTA
146585
LICENSED PROFESSIONAL ENGINEER

JOB NO.	B013728.001
DESIGNED BY:	#
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PLOTTED ON: Friday, October 24, 2025
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ORIGINAL SHEET - ARCH E1

TREE LIST									
NO.	DESCRIPTION	729	9" PECAN	760	12" CEDAR ELM (8, 8)	789	8" CEDAR ELM	819	22" POST OAK
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BERKMAN/FULKES SUBDIVISION
300 WEST ANDERSON AVE.,
ROUND ROCK, TEXAS

60 0 60 120

GRAPHIC SCALE IN FEET

1" = 60'

FEMA 100 YEAR FLOODPLAIN
FEMA 500 YEAR FLOODPLAIN
PROPERTY BOUNDARY
EXISTING WATER QUALITY POND
0.831 ACRE ESTEFANA HERNA DOC. NO. 2010088301
LAND USE: SINGLE FAMILY SF2
0.727 ACRE RY F. CAROTHERS OL. 510, PG. 86
LAND USE: SINGLE FAMILY
NORTH LEE STREET (R.O.W. VARIES)
0.54 ACRE ABBEY LOUIS KAVANAUGH VOL. 2227, PG. 827
LAND USE: SINGLE FAMILY
CITY OF ROUND ROCK (RECORDING INFO NOT FOUND)
SF2
EXISTING 6" WASTEWATER LINE
EXISTING FIRE HYDRANT
EXISTING WALL MOUNTED FDC
EXISTING FIRE HYDRANT
EXISTING MIDDLE SCHOOL FFE= 745.5
EXISTING FIRE HYDRANT
ROUND ROCK INDEPENDENT SCHOOL DISTRICT
CD FULKES MIDDLE SCHOOL
300 WEST ANDERSON AVE.
LAND USE: GOVERNMENTAL/ INSTITUTIONAL
15' WATERLINE EASEMENT DOC# 2024005751
EXISTING WATER METER
PORTABLES AND RAMPS TO BE REMOVED
EXISTING DRIVEWAY
EXISTING PAVEMENT TO BE REMOVED
75% ENHANCED CRITICAL ROOT ZONE
EXISTING 38" LIVE OAK MONARCH TREE TO REMAIN AND BE PROTECTED FOR THE DURATION OF CONSTRUCTION ACTIVITY.
0.543 ACRE TASB HOLDINGS, LLC DOC. NO. 2005081512
LAND USE: OFFICE
RIGHT-OF-WAY
DIVISION "B"
LOT 3 W ANDERSON SUBDIVISION
0.438 ACRE ROXO INVESTMENTS LLC DOC. NO. 2007096885
LAND USE: COMMERCIAL
CLAUDE BERKMAN ELEMENTARY SCHOOL
400 WEST ANDERSON AVE.
EXISTING ELEMENTARY SCHOOL FFE= 744.4
EXISTING UTILITY POLE TO BE REMOVED
42 LF EXISTING STORM DRAIN TO BE REMOVED
EXISTING WASTEWATER LINE TO REMAIN
EXISTING FENCE TO BE REMOVED
EXISTING DUMPSTER ENCLOSURE
50' BUILDING SETBACK
10' ELECTRICAL EASEMENT DOC# 2024005750
EXISTING LIGHT POLE TO BE RELOCATED
EXISTING CONCRETE TO BE REMOVED
86 LF EXISTING STORM DRAIN LINE TO BE REMOVED
EXISTING METERING HALL FFE= 745.5
AERIAL FIRE APPARATUS ACCESS
WEST ANDERSON AVENUE (R.O.W. VARIES)
APPROXIMATE LOCATION OF EXISTING GAS LINE OBTAINED FROM UTILITY
EXISTING DRIVEWAY
RIGHT-OF-WAY
BROWN STREET (60' R.O.W.)
BLAIR STREET (80' R.O.W.)
NORTH MAYS STREET (R.O.W. VARIES)
LOT 1, BLOCK A RIVERWALK SUBDIVISION DOC. NO. 2007034089
LAND USE: MU2 GOVERNMENTAL/ INSTITUTIONAL
TRACT II 886 SQ. FT. 0.020 ACRE MICHAEL WAYNE JOSEPH DOC. NO. 2022054617
TRACT I 0.3183 ACRE
LOT 1 BERGERON SUBDIVISION CAB. J, SL. 228
LAND USE: COMMERCIAL
LOT 2 BERGERON SUBDIVISION CAB. J, SL. 228
LAND USE: MU2 OFFICE
LAND USE: COMMERCIAL LOT 3
LAND USE: COMMERCIAL LOT 4
LAND USE: COMMERCIAL LOT 2
LAND USE: SINGLE FAMILY LOT 12
LAND USE: TWO-FAMILY LOT 11
LAND USE: GOVERNMENTAL/ INSTITUTIONAL LOT 10
LAND USE: GOVERNMENTAL/ INSTITUTIONAL LOT 8
LAND USE: GOVERNMENTAL/ INSTITUTIONAL LOT 7B
LAND USE: COMMERCIAL LOT 8
LAND USE: COMMERCIAL LOT 4
LAND USE: COMMERCIAL LOT 3
LAND USE: SINGLE FAMILY LOT 4
LAND USE: GOVERNMENTAL/ INSTITUTIONAL LOT 1
BLOCK 43
BLOCK 44
BLOCK 48
ORIGINAL CITY OF ROUND ROCK CAB. A, SLIDE 180
CHPNC INVESTMENTS LLC DOC. NO. 2010019695
CHARLES AND BETH AVERY DOC. NO. 2004084557
FIRST BAPTIST CHURCH OF

REVISIONS			
NO.	DATE	DESCRIPTION	
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DEMOLITION PLAN

BERKMAN ES ADDITION & FULKES MS AUDITORIUM ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXEngFirm I-1114)

10/24/2025

STATE OF TEXAS
GILBERTO MOTA
146585
LICENSED PROFESSIONAL ENGINEER

JOB NO.	B013728.001
DESIGNED BY:	#
DRAWN BY:	#
CHECKED BY:	######
DATE:	10/24/25
SHEET:	C4.01

SDP 25-00030

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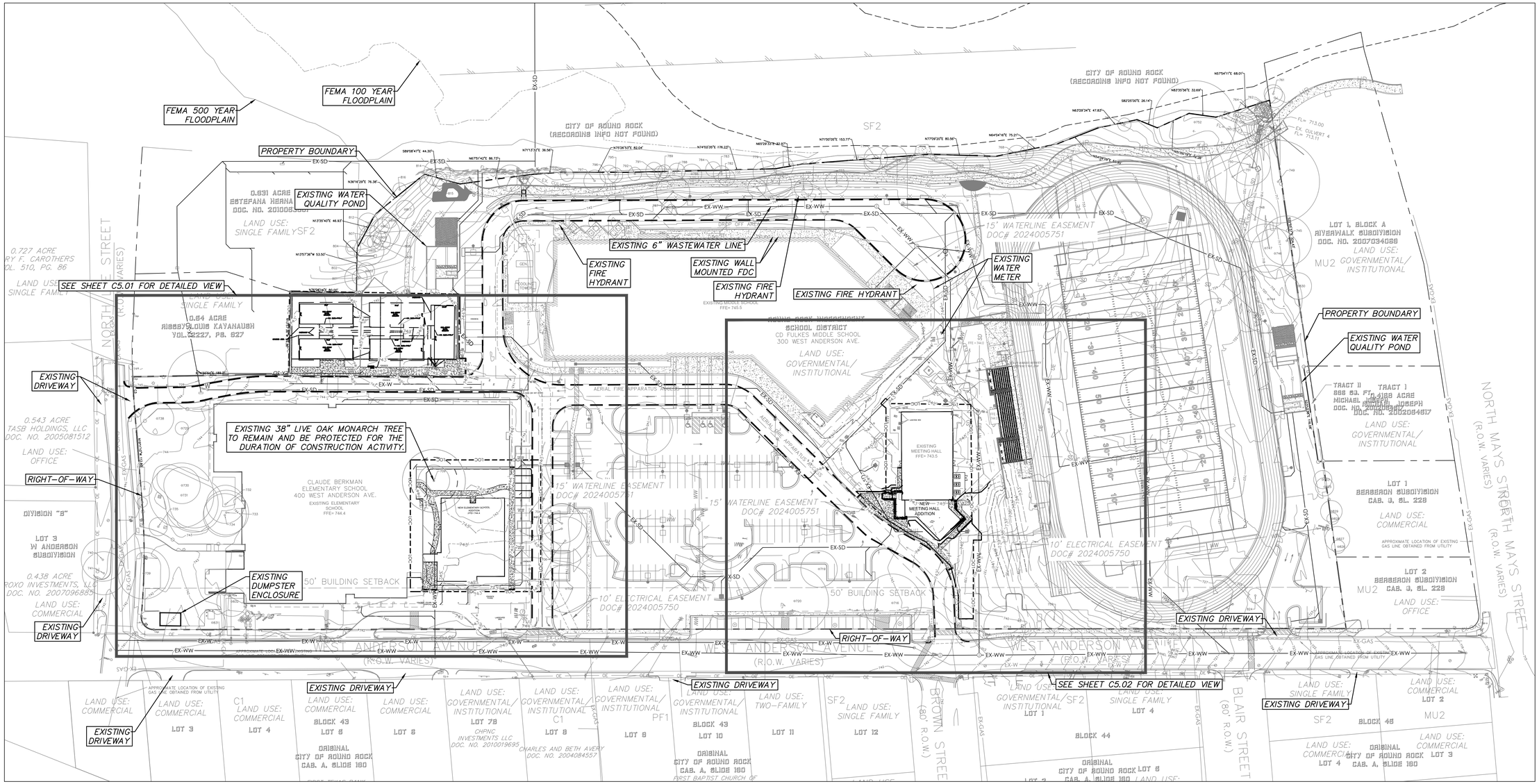
PLOTTED ON: Friday, October 24, 2025



60 0 60 120

GRAPHIC SCALE IN FEET

1" = 60'

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OVERALL EROSION CONTROL PLAN

BERKMAN ES ADDITION & FULKES MS AUDITORIUM ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
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10/24/2025

STATE OF TEXAS
GILBERTO MOTA
146585
LICENSED
PROFESSIONAL ENGINEER

JOB NO.	B013728.001
DESIGNED BY:	GM
DRAWN BY:	ZW
CHECKED BY:	AC
DATE:	10/24/25
SHEET:	C5.00

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ORIGINAL SHEET - ARCH E1

SDP 25-00030

EROSION CONTROL LEGEND

- PROPERTY BOUNDARY
- ADJOINERS
- 600 — EXISTING MAJOR CONTOUR
- 602 — EXISTING MINOR CONTOUR
- 600 — PROPOSED MAJOR CONTOUR
- 602 — PROPOSED MINOR CONTOUR
- EXISTING STORM DRAIN
- EXISTING CURB INLET
- PROPOSED FLOW ARROW
- SF — PROPOSED SILT FENCE
- SW — PROPOSED STRAW WATTLE
- PROPOSED INLET PROTECTION
- PROPOSED CONSTRUCTION ENTRANCE

SILT FENCE
SILT FENCE
CONCRETE WASHOUT AREA
MULCH SOCK
PROPERTY BOUNDARY
INLET PROTECTION, TYP.
EXISTING CURB INLET
EXISTING FIRE HYDRANT
STABILIZED CONSTRUCTION ENTRANCE
RAMPS TO BE REMOVED
PORTABLE CLASSROOM THE BE REMOVED
EXISTING FIRE LANE
STAGING AND SPOILS AREA
EXISTING 12" FIRE LINE
EXISTING 12" FIRE LINE
EXISTING CURB INLET
EXISTING FIRE HYDRANT
EXISTING FIRE LANE
EXISTING 12" FIRE LINE
EXISTING GRATE INLET
STABILIZED CONSTRUCTION ENTRANCE
EXISTING CURB INLET
MULCH SOCK
INLET PROTECTION, TYP.
EXISTING 12" FIRE LINE
EXISTING CURB INLET
EXISTING CURB INLET
EXISTING FIRE HYDRANT
EXISTING FIRE RIGHT-OF-WAY
EXISTING WALL MOUNTED FDC
EXISTING GAS METER
EXISTING DUMPSTER ENCLOSURE
EXISTING TRANSFORMER
EXISTING WATER METER
RIGHT-OF-WAY
EXISTING 6" WASTEWATER LINE
EXISTING 12" WATER LINE
APPROXIMATE LOCATION OF EXISTING
WEST ANDERSON AVENUE
15' WATERLINE EASEMENT — DOC# 2024005751
10' ELECTRICAL EASE DOC# 2024005750
50' BUILDING SETBACK
26' TYP.
R25'
EXISTING 12" FIRE LINE
AERIAL FIRE

LAND USE: SINGLE FAMILY
0.64 ACRE
ESBY LOUIS KAYANAUGH
VOL. 2227, PG. 827

CLAUDE BERKMAN ELEMENTARY SCHOOL
400 WEST ANDERSON AVE.

EXISTING ELEMENTARY SCHOOL
FFE= 744.4

NEW ELEMENTARY SCHOOL ADDITION
FFE= 744.4

N74°30'54"E 188.23'
N13°57'36"W 99.36'
N19°11'10"W 112.60'

GRAPHIC SCALE IN FEET
20 0 20 40
1" = 20'

NO.	DATE	DESCRIPTION
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#	#	#
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#	#	#

REVISIONS

EROSION CONTROL PLAN 1 OF 2

BERKMAN ES ADDITION &
FULKES MS AUDITORIUM ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
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10/24/2025

STATE OF TEXAS
GILBERTO MOTA
146585
LICENSED PROFESSIONAL ENGINEER

JOB NO.	B013728.001
DESIGNED BY:	GM
DRAWN BY:	ZW
CHECKED BY:	AC
DATE:	10/24/25
SHEET:	C5.01

SDP 25-00030

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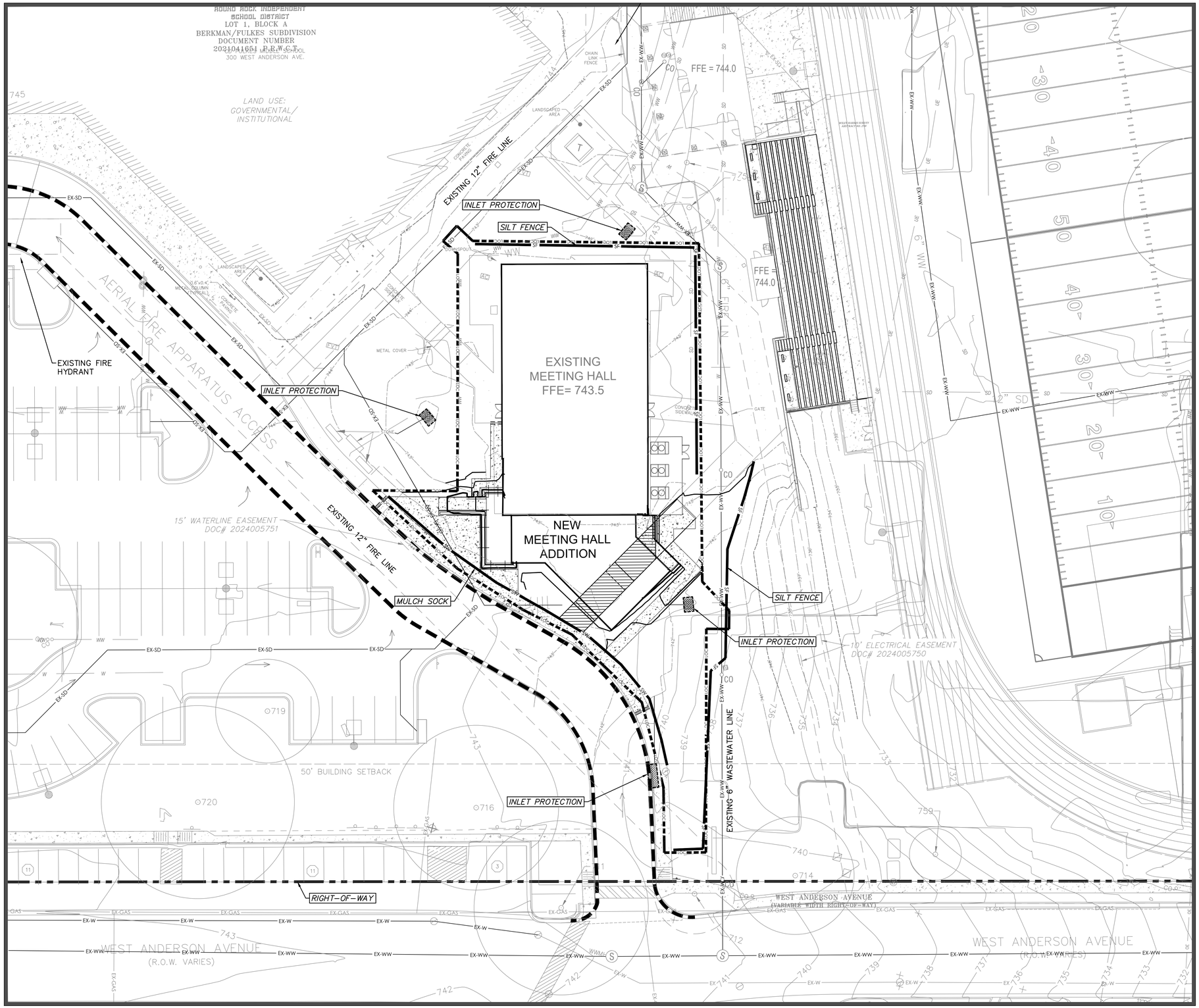

GRAPHIC SCALE IN FEET

1" = 20'

EROSION CONTROL LEGEND

- PROPERTY BOUNDARY
- ADJOINERS
- 600 EXISTING MAJOR CONTOUR
- 602 EXISTING MINOR CONTOUR
- 600 PROPOSED MAJOR CONTOUR
- 602 PROPOSED MINOR CONTOUR
- EXISTING STORM DRAIN
- EXISTING CURB INLET
- PROPOSED FLOW ARROW
- SF PROPOSED SILT FENCE
- SW PROPOSED STRAW WATTLE
- PROPOSED INLET PROTECTION
- PROPOSED CONSTRUCTION ENTRANCE

REVISIONS

NO.	DATE	DESCRIPTION
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EROSION CONTROL PLAN 2 OF 2

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
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(TXENG FIRM F-1114)

BERKMAN ES ADDITION & FULKES MS AUDITORIUM ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

10/24/2025

STATE OF TEXAS
GILBERTO MOTA
146585
LICENSED
PROFESSIONAL ENGINEER

JOB NO.	B013728.001
DESIGNED BY:	GM
DRAWN BY:	ZW
CHECKED BY:	AC
DATE:	10/24/25
SHEET:	C5.02

ORIGINAL SHEET - ARCH E1

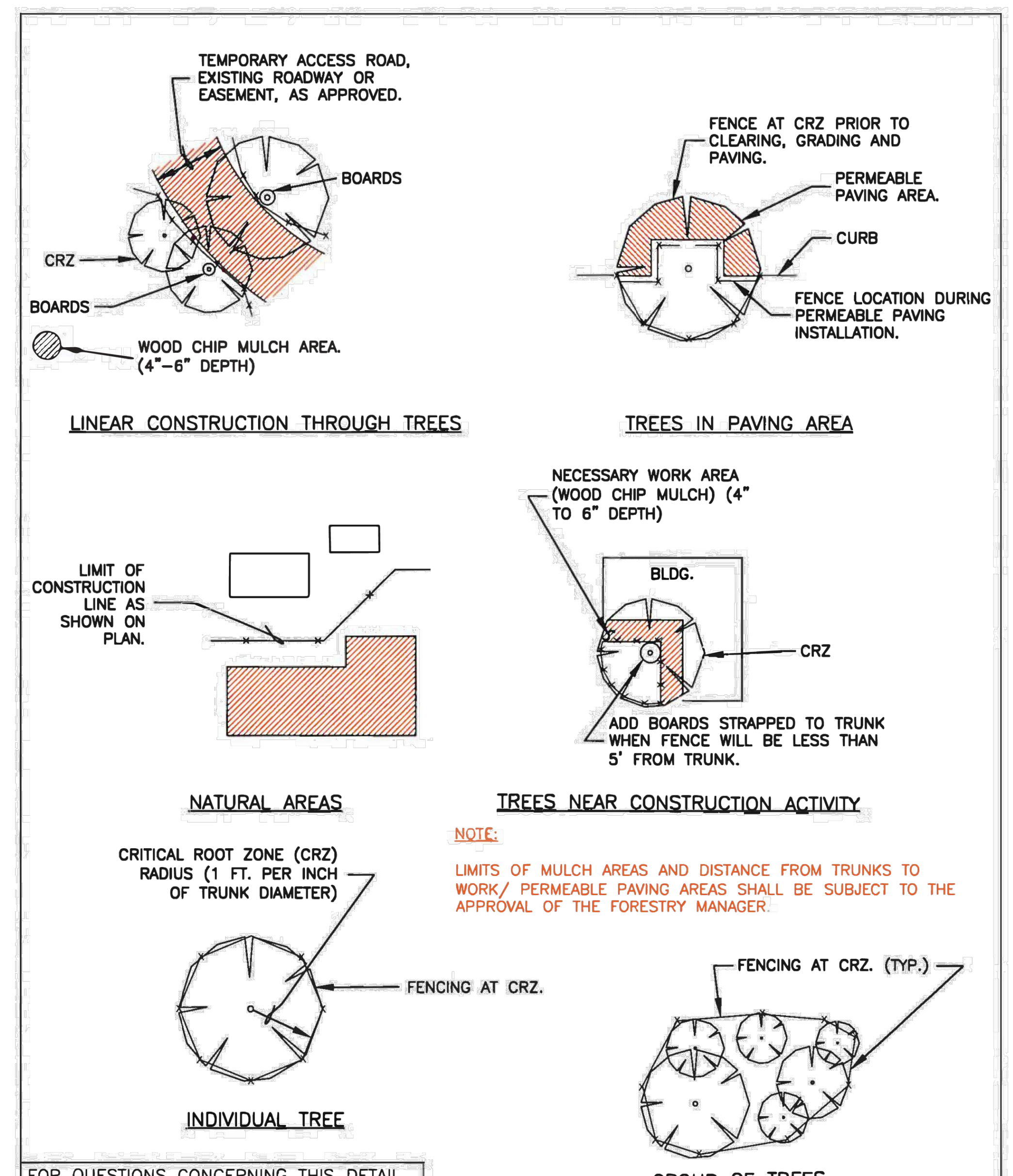
SDP 25-00030

1. ALL TREES NOT LOCATED WITHIN THE LIMITS OF CONSTRUCTION AND OUTSIDE OF DISTURBED AREAS SHALL BE PRESERVED. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL TREES TO BE PRESERVED FROM HIS ACTIVITIES.
2. ALL TREES SHOWN TO BE RETAINED ON THE PLANS, SHALL BE PROTECTED DURING CONSTRUCTION WITH FENCING. SEE: TREE PROTECTION TREE WELLS (EC–02), TREE PROTECTION TREE LOCATION (EC–03) AND TREE PROTECTION FENCE–CHAIN LINK (EC–04).
3. TREE PROTECTION FENCES SHALL BE ERECTED ACCORDING TO CITY STANDARDS FOR TREE PROTECTION, INCLUDING TYPES OF FENCING AND SIGNAGE.
4. TREE PROTECTION FENCES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY SITE PREPARATION WORK (CLEARING, GRUBBING, OR GRADING) AND SHALL BE MAINTAINED THROUGHOUT ALL PHASES OF THE CONSTRUCTION PROJECT.
5. EROSION AND SEDIMENTATION CONTROL BARRIERS SHALL BE INSTALLED OR MAINTAINED IN A MANNER WHICH DOES NOT RESULT IN SOIL BUILD–UP WITHIN TREE DRIPLINES.
6. FENCES SHALL COMPLETELY SURROUND THE TREE, OR CLUSTERS OF TREES, LOCATED AT THE OUTERMOST LIMITS OF THE TREE BRANCHES (DRIPLINE) OR CRITICAL ROOT ZONE (CRZ), WHICHEVER IS GREATER; AND SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PROJECT IN ORDER TO PREVENT THE FOLLOWING:
   - 6A. SOIL COMPACTION IN CRZ AREA RESULTING FROM VEHICULAR TRAFFIC OR STORAGE OF EQUIPMENT OR MATERIAL.
   - 6B. CRZ DISTURBANCES DUE TO GRADE CHANGES (GREATER THAN 6 INCHES CUT OR FILL) OR TRENCHING NOT REVIEWED AND AUTHORIZED BY THE FORESTRY MANAGER.
   - 6C. WOUNDS TO EXPOSED ROOTS, TRUNK, OR LIMBS BY MECHANICAL EQUIPMENT
   - 6D. OTHER ACTIVITIES DETRIMENTAL TO TREES SUCH AS CHEMICAL STORAGE, CONCRETE TRUCK CLEANING, AND FIRES.
7. EXCEPTIONS TO INSTALLING TREE FENCES AT THE TREE DRIPLINES OR CRZ, WHICHEVER IS GREATER, MAY BE PERMITTED IN THE FOLLOWING CASES:
   - 7A. WHERE THERE IS TO BE AN APPROVED GRADE CHANGE, IMPERMEABLE PAVING SURFACE, OR TREE WELL;
   - 7B. WHERE PERMEABLE PAVING IS TO BE INSTALLED, ERECT THE FENCE AT THE OUTER LIMITS OF THE PERMEABLE PAVING AREA.
   - 7C. WHERE TREES ARE CLOSE TO PROPOSED BUILDINGS, ERECT THE FENCE NO CLOSER THAN 6 FEET TO THE BUILDING.
   - 7D. WHERE THERE ARE SEVERE SPACE CONSTRAINTS DUE TO TRACT SIZE, OR OTHER SPECIAL REQUIREMENTS, CONTACT THE FORESTRY MANAGER TO DISCUSS ALTERNATIVES.
8. WHERE ANY OF THE ABOVE EXCEPTIONS RESULT IN A FENCE THAT IS CLOSER THAN 5 FEET TO A TREE TRUNK, THE TRUNK SHALL BE PROTECTED BY STRAPPED–ON PLANKING TO A HEIGHT OF 8 FEET (OR TO THE LIMITS OF LOWER BRANCHING) IN ADDITION TO THE REDUCED FENCING PROVIDED.
9. WHERE ANY OF THE ABOVE EXCEPTIONS RESULT IN AREAS OF UNPROTECTED ROOT ZONES UNDER THE DRIPLINE OR CRZ, WHICHEVER IS GREATER, THOSE AREAS SHOULD BE COVERED WITH 4 INCHES OF ORGANIC MULCH TO MINIMIZE SOIL COMPACTION.
10. ALL GRADING WITHIN CRZ AREAS SHALL BE DONE BY HAND OR WITH SMALL EQUIPMENT TO MINIMIZE ROOT DAMAGE. PRIOR TO GRADING, RELOCATE PROTECTIVE FENCING TO 2 FEET BEHIND THE GRADE CHANGE AREA.
11. ANY ROOTS EXPOSED BY CONSTRUCTION ACTIVITY SHALL BE PRUNED FLUSH WITH THE SOIL AND BACKFILLED WITH GOOD QUALITY TOP SOIL WITHIN TWO DAYS. IF EXPOSED ROOT AREAS CANNOT BE BACKFILLED WITHIN 2 DAYS, AN ORGANIC MATERIAL WHICH REDUCES SOIL TEMPERATURE AND MINIMIZES WATER LOSS DUE TO EVAPORATION SHALL BE PLACED TO COVER THE ROOTS UNTIL BACKFILL CAN OCCUR.
12. PRIOR TO EXCAVATION OR GRADE CUTTING WITHIN TREE DRIPLINES, A CLEAN CUT SHALL BE MADE BETWEEN THE DISTURBED AND UNDISTURBED ROOT ZONES WITH A ROCK SAW OR SIMILAR EQUIPMENT, IN A LOCATION AND TO A DEPTH APPROVED BY THE FORESTRY MANAGER, TO MINIMIZE DAMAGE TO REMAINING ROOTS.
13. TREES MOST HEAVILY IMPACTED BY CONSTRUCTION ACTIVITIES WILL BE WATERED DEEPLY ONCE A WEEK DURING PERIODS OF HOT, DRY WEATHER. TREE CROWNS ARE TO BE SPRAYED WITH WATER PERIODICALLY TO REDUCE DUST ACCUMULATION ON LEAVES.
14. WHEN INSTALLING CONCRETE ADJACENT TO THE ROOT ZONE OF A TREE, A PLASTIC VAPOR BARRIER SHALL BE PLACED BEHIND THE CONCRETE TO PROHIBIT LEACHING OF LIME INTO THE CRZ.
15. ANY TRENCHING REQUIRED FOR THE INSTALLATION OF LANDSCAPE IRRIGATION SHALL BE PLACED AS FAR FROM EXISTING TREE TRUNKS AS POSSIBLE.
16. NO LANDSCAPE TOPSOIL DRESSING GREATER THAN FOUR (4) INCHES SHALL BE PERMITTED WITHIN THE DRIPLINE OR CRZ OF TREES, WHICHEVER IS GREATER. NO TOPSOIL IS PERMITTED ON ROOT FLARES OF ANY TREE.
17. PRUNING TO PROVIDE CLEARANCE FOR STRUCTURES, VEHICULAR TRAFFIC, AND CONSTRUCTION EQUIPMENT SHALL TAKE PLACE BEFORE CONSTRUCTION BEGINS. ALL PRUNING MUST BE DONE ACCORDING TO CITY STANDARDS AND AS OUTLINED IN LITERATURE PROVIDED BY THE INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA PRUNING TECHNIQUES).
18. ALL OAK TREE CUTS, INTENTIONAL OR UNINTENTIONAL, SHALL BE SEALED WITH AN APPROVED PRUNING SEALER IMMEDIATELY (WITHIN 10 MINUTES). PRUNING SEAL OR TREE PAINT MUST BE KEPT ON SITE AT ALL TIMES.
19. THE FORESTRY MANAGER HAS THE AUTHORITY TO REQUIRE ADDITIONAL TREE PROTECTION BEFORE OR DURING CONSTRUCTION.
20. TREES APPROVED FOR REMOVAL SHALL BE REMOVED IN A MANNER WHICH DOES NOT IMPACT TREES TO BE PRESERVED. REFER TO THE CITY OF ROUND ROUND ROCK TREE TECHNICAL MANUAL FOR APPROPRIATE REMOVAL METHODS.
21. PRIOR TO CONSTRUCTION, ALL LOWER TREE LIMBS OVER ROADWAYS MUST BE PRUNED TO A HEIGHT OF 14 FEET USING THE TECHNIQUES DESCRIBED IN THE CITY OF ROUND ROCK TREE TECHNICAL MANUAL.
22. DEVIATIONS FROM THE ABOVE NOTES MAY BE CONSIDERED ORDINANCE VIOLATIONS IF THERE IS NON COMPLIANCE OR IF A TREE SUSTAINS DAMAGE AS A RESULT.

FOR QUESTIONS CONCERNING THIS DETAIL, PLEASE CONTACT THE FORESTRY MANAGER.

SCALE: NTS

RECORD SIGNED COPY ON FILE / APPROVED	CITY OF ROUND ROCK	DRAWING NO: EC–01 SHEET 1 of 1
01–28–21 DATE	TREE PROTECTION NOTES	ROUND ROCK TEXAS
THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR THE APPROPRIATE USE OF THIS DETAIL. (NOT TO SCALE)		



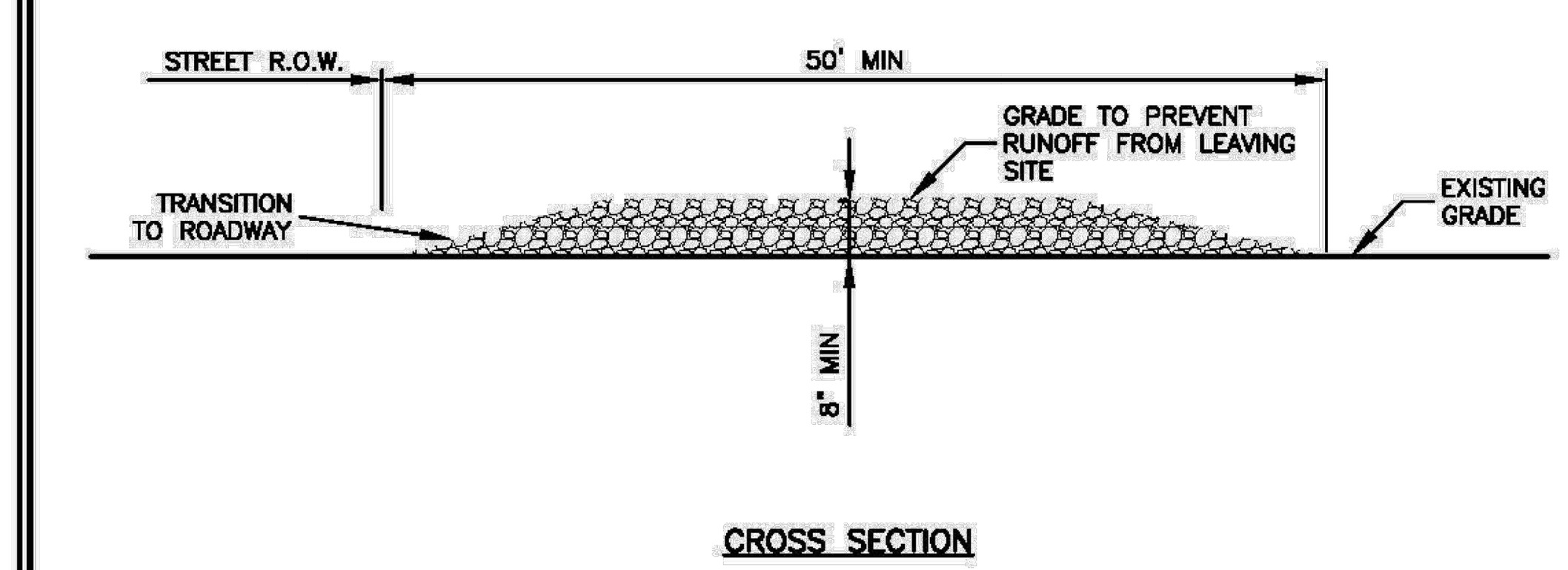
NOTE:

LIMITS OF MULCH AREAS AND DISTANCE FROM TRUNKS TO WORK/ PERMEABLE PAVING AREAS SHALL BE SUBJECT TO THE APPROVAL OF THE FORESTRY MANAGER.

FOR QUESTIONS CONCERNING THIS DETAIL, PLEASE CONTACT THE FORESTRY MANAGER.

SCALE: NTS

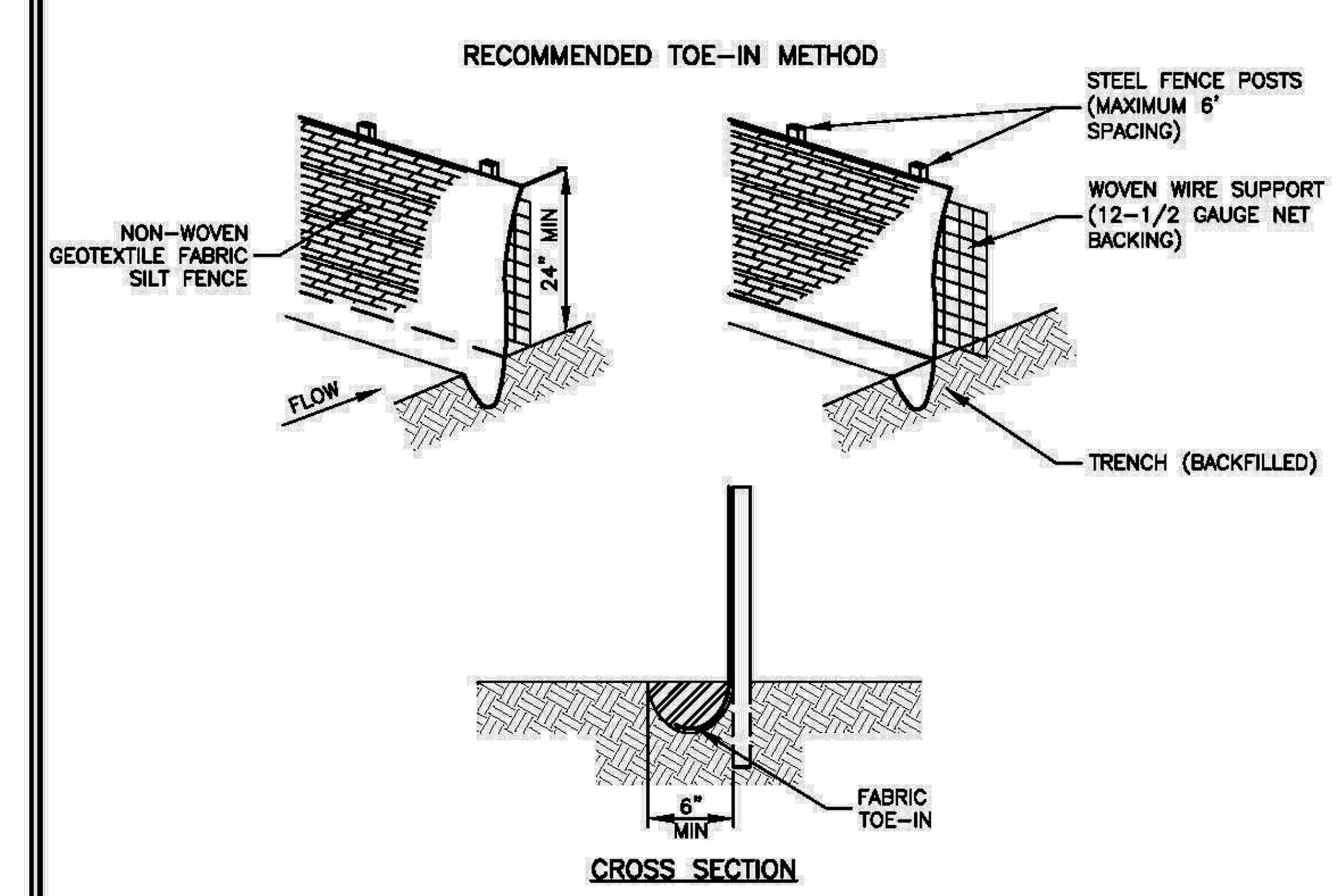
RECORD SIGNED COPY ON FILE / APPROVED	CITY OF ROUND ROCK	DRAWING NO: EC–03 SHEET 1 of 1
01–28–21 DATE	TREE PROTECTION FENCE LOCATIONS	ROUND ROCK TEXAS
THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR THE APPROPRIATE USE OF THIS DETAIL. (NOT TO SCALE)		



NOTES:

1. STONE SIZE SHALL BE 3" – 8" OPEN GRADED ROCK.
2. THICKNESS OF CRUSHED STONE PAD TO BE NOT LESS THAN 8".
3. LENGTH SHALL BE A MINIMUM OF 50' FROM ACTUAL ROADWAY, AND WIDTH NOT LESS THAN FULL WIDTH OF INGRESS/EGRESS.
4. ENTRANCE SHALL BE PROPERLY GRADED TO PREVENT RUNOFF FROM LEAVING THE CONSTRUCTION SITE.
5. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS OF WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS OF WAY MUST BE REMOVED IMMEDIATELY BY CONTRACTOR.
6. AS NECESSARY, WHEELS MUST BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT OF WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATERCOURSE USING APPROVED METHODS.

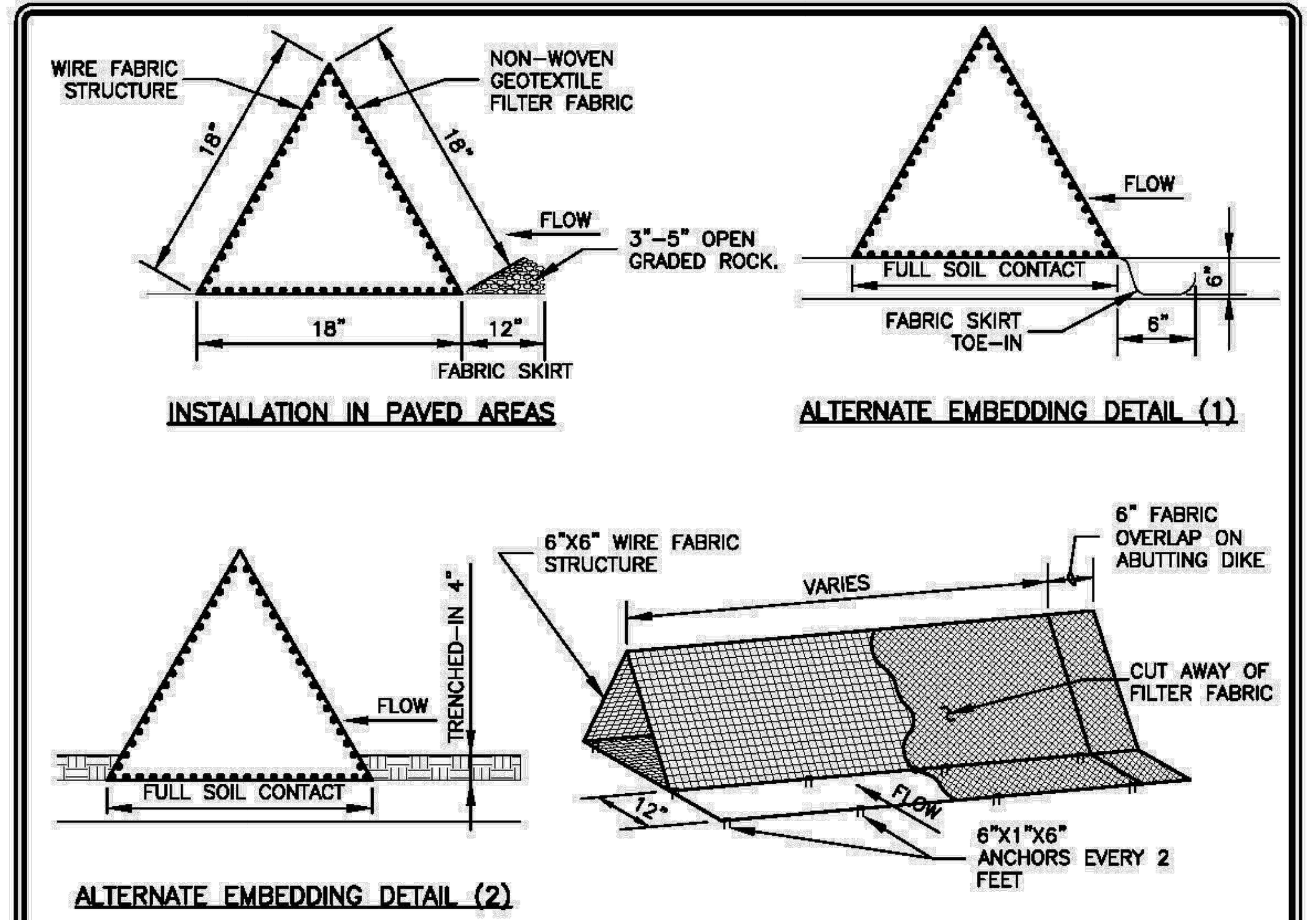
RECORD SIGNED COPY ON FILE AT PUBLIC WORKS / APPROVED	CITY OF ROUND ROCK	DRAWING NO: EC–09
03–25–11 DATE	STABILIZED CONSTRUCTION ENTRANCE DETAIL	ROUND ROCK, TEXAS
THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR THE APPROPRIATE USE OF THIS DETAIL. (NOT TO SCALE)		



NOTES:

1. STEEL POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MIN. OF ONE (1') FOOT.
2. THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW. WHERE FENCE CANNOT BE TRENCHED IN (E.G. PAVEMENT) WEIGHT FABRIC FLAP WITH WASHED GRAVEL ON UPHILL SIDE TO PREVENT FLOW UNDER FENCE.
3. THE TRENCH MUST BE A MINIMUM OF 6 INCHES DEEP AND 6 INCHES WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAID IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL.
4. SILT FENCE SHALL BE SECURELY FASTENED TO EACH STEEL SUPPORT POST OR TO WOVEN WIRE, WHICH IN TURN IS SECURELY FASTENED TO THE STEEL FENCE POSTS.
5. INSPECTION SHALL BE MADE WEEKLY OR AFTER EACH RAINFALL EVENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
6. SILT FENCE SHALL BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.
7. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 6 INCHES. THE SILT SHALL BE DISPOSED OF IN AN APPROVED SITE AND IN SUCH A MANNER AS TO NOT CONTRIBUTE TO ADDITIONAL SILTATION.
8. SILT FENCE SHALL BE REMOVED AS SOON AS THE SOURCE OF SEDIMENT IS STABILIZED

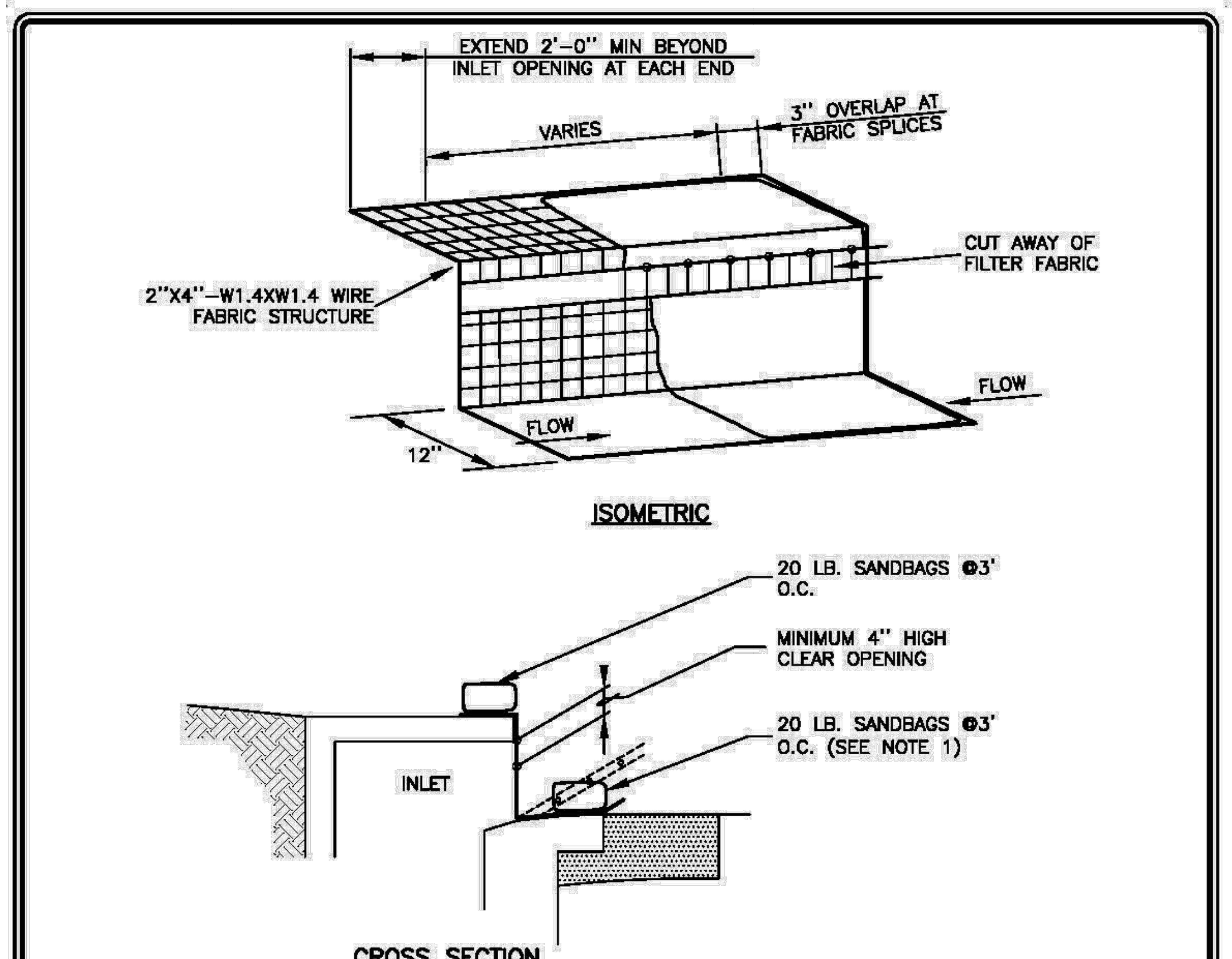
RECORD SIGNED COPY ON FILE AT PUBLIC WORKS / APPROVED	CITY OF ROUND ROCK	DRAWING NO: EC–10
03–25–11 DATE	SILT FENCE DETAIL	ROUND ROCK, TEXAS
THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR THE APPROPRIATE USE OF THIS DETAIL. (NOT TO SCALE)		



NOTES:

1. DIKES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING.
2. FABRIC COVER AND SKIRT SHALL BE A CONTINUOUS WRAPPING OF GEOTEXTILE. THE SKIRT SHALL BE A CONTINUOUS EXTENSION OF THE UPSTREAM FACE FABRIC.
3. DIKES AND SKIRT SHALL BE SECURELY ANCHORED IN PLACE WITH WIRE STAPLES AT 2' INTERVALS ON BOTH EDGES AND SKIRT OR WITH 3/8" DIAMETER REBAR WITH TEE ENDS.
4. FILTER MATERIAL SHALL BE LAPPED OVER ENDS 6" TO COVER DIKE–TO–DIKE JOINTS. JOINTS SHALL BE FASTENED WITH GALVANIZED SHOAT RINGS.
5. INSPECTION SHALL BE MADE WEEKLY OR AFTER EACH RAINFALL EVENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS REQUIRED.
6. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 4" AND DISPOSED OF IN A MANNER WHICH WILL NOT CAUSE ADDITIONAL SILTATION.
7. AFTER THE DEVELOPMENT SITE IS COMPLETELY STABILIZED, THE DIKES AND ANY REMAINING SILT SHALL BE REMOVED. SILT SHALL BE DISPOSED OF AS INDICATED IN NOTE #6 ABOVE.

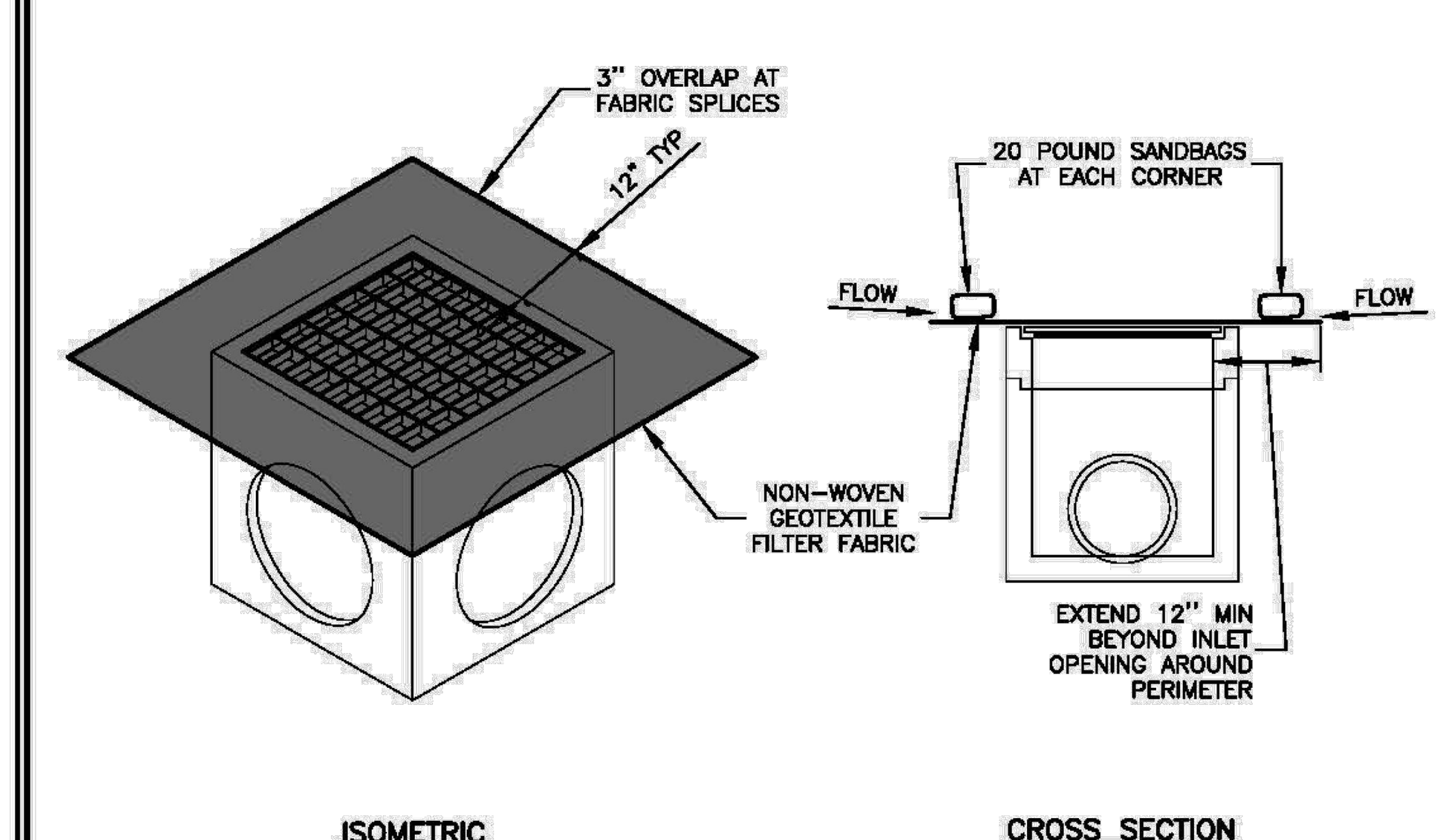
RECORD SIGNED COPY ON FILE AT PUBLIC WORKS / APPROVED	CITY OF ROUND ROCK	DRAWING NO: EC–11
03–25–11 DATE	TRIANGULAR SEDIMENT FILTER DIKE DETAIL	ROUND ROCK, TEXAS
THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR THE APPROPRIATE USE OF THIS DETAIL. (NOT TO SCALE)		



NOTES:

1. WHERE MINIMUM CLEARANCES CAUSE TRAFFIC TO DRIVE IN THE GUTTER, THE CONTRACTOR MAY SUBSTITUTE A 1" X 4" BOARD SECURED WITH CONCRETE NAILS 3' O.C. NAILED INTO THE GUTTER IN LIEU OF SANDBAGS TO HOLD THE FILTER DIKE IN PLACE. UPON REMOVAL, CLEAN ANY DIRT/DEBRIS FROM NAILING LOCATIONS, APPLY CHEMICAL SANDING AGENT AND APPLY NON–SHRINK GROUT FLUSH WITH SURFACE OF GUTTER.
2. A SECTION OF FILTER FABRIC SHALL BE REMOVED AS SHOWN ON THIS DETAIL OR AS DIRECTED BY THE ENGINEER OR DESIGNATED REPRESENTATIVE. FABRIC MUST BE SECURED TO WIRE BACKING WITH CLIPS OR HOG RINGS AT THIS LOCATION.
3. DAILY INSPECTION SHALL BE MADE BY THE CONTRACTOR AND SILT ACCUMULATION MUST BE REMOVED WHEN DEPTH REACHES 2".
4. CONTRACTOR SHALL MONITOR THE PERFORMANCE OF INLET PROTECTION DURING EACH RAINFALL EVENT AND IMMEDIATELY REMOVE THE INLET PROTECTIONS IF THE STORM–WATER BEGINS TO OVERTOP THE CURB.
5. INLET PROTECTIONS SHALL BE REMOVED AS SOON AS THE SOURCE OF SEDIMENT IS STABILIZED.

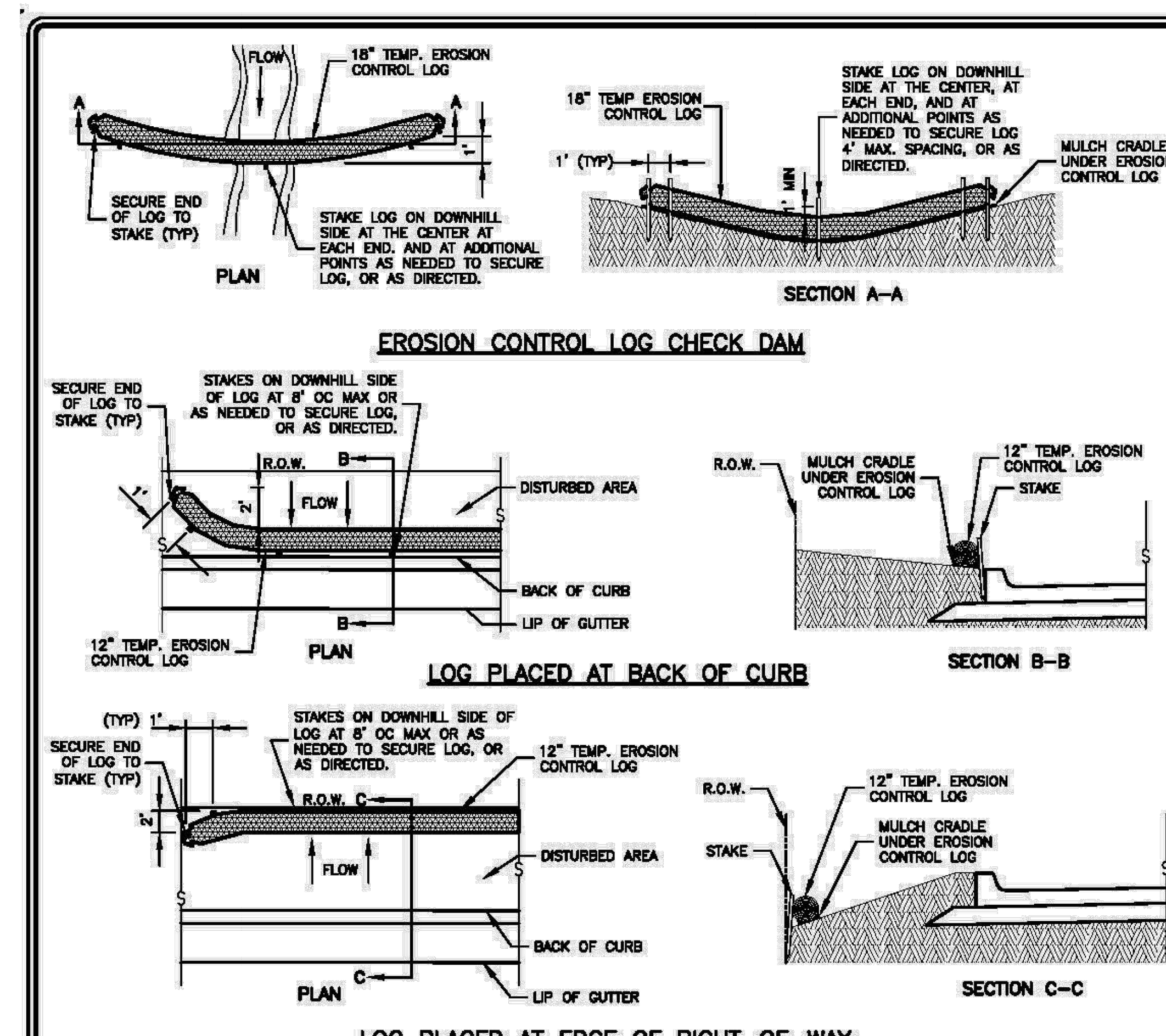
RECORD SIGNED COPY ON FILE AT PUBLIC WORKS / APPROVED	CITY OF ROUND ROCK	DRAWING NO: EC–14
03–25–11 DATE	CURB INLET PROTECTION DETAIL	ROUND ROCK, TEXAS
THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR THE APPROPRIATE USE OF THIS DETAIL. (NOT TO SCALE)		

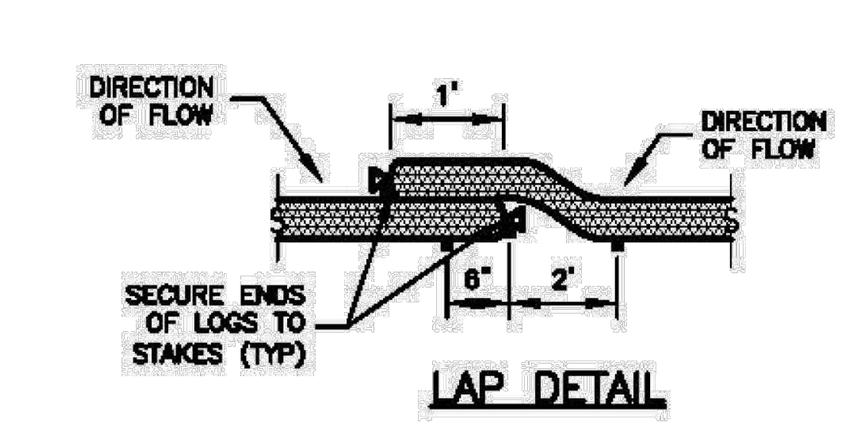


NOTES:

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

RECORD SIGNED COPY ON FILE AT PUBLIC WORKS / APPROVED	CITY OF ROUND ROCK	DRAWING NO: EC–15
03–25–11 DATE	AREA INLET PROTECTION DETAIL	ROUND ROCK, TEXAS
THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR THE APPROPRIATE USE OF THIS DETAIL. (NOT TO SCALE)		





NOTES:

1. DAILY INSPECTION SHALL BE MADE BY THE CONTRACTOR AND SILT ACCUMULATION MUST BE REMOVED WHEN DEPTH REACHES 6".
2. CONTRACTOR SHALL MONITOR THE PERFORMANCE OF LOGS DURING RAINFALL EVENT FOR PROPER PERFORMANCE.
3. LOGS SHALL CONSIST OF 100% BIODEGRADABLE, PHOTODEGRADABLE OR RECYCLABLE CONTAINMENT MESH STUFFED WITH FILTER MATERIAL.
4. STUFF LOGS WITH SUFFICIENT FILTER MATERIAL TO ACHIEVE DENSITY THAT WILL HOLD SHAPE WITHOUT EXCESSIVE DEFORMATION. FILTER MATERIAL SHALL CONSIST OF MULCH, ASPEN EXCELSIOR WOOD FIBERS, CHIPPED SITE VEGETATION, COCONUT FIBERS,100% RECYCLABLE FIBERS, OR ANY OTHER ACCEPTABLE MATERIAL, EXCLUDING STRAW AND HAY.
5. STAKES SHALL BE 2" X 2" WOOD, 4' LONG, EMBEDDED SUCH THAT 2" PROTRUDES ABOVE LOG, OR AS DIRECTED.

RECORD SIGNED COPY ON FILE AT PUBLIC WORKS / APPROVED	CITY OF ROUND ROCK	DRAWING NO: EC–17
03–25–11 DATE	EROSION CONTROL LOG DETAIL	ROUND ROCK, TEXAS
THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR THE APPROPRIATE USE OF THIS DETAIL. (NOT TO SCALE)		

REVISIONS		
NO.	DATE	DESCRIPTION
#	#	#
#	#	#
#	#	#
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#	#	#

EROSION CONTROL DETAILS

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXENG FIRM F-1114)

BERKMAN ES ADDITION &
FULKES MS AUDITORIUM ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

10/24/2025
STATE OF TEXAS
GILBERTO MOTA
146585
LICENSED
PROFESSIONAL ENGINEER

JOB NO.	B013728.001
DESIGNED BY:	#
DRAWN BY:	#
CHECKED BY:	#####
DATE:	10/24/25
SHEET:	C5.03

FULL PATH: P:\013700\013728\001\Civil\CAD\Plot Sheets\ERSN DTL

FILENAME: ERSN DTL.dwg
PLOTTED BY: Zachary Wilder
PLOTTED ON: Friday, October 24, 2025

SDP 25-00030

TREE LIST

NO.	DESCRIPTION	729	9" PECAN	760	12" CEDAR ELM (8, 8)	789	8" CEDAR ELM	819	22" POST OAK
700 (H)	31" POST OAK	730	22" LIVE OAK	761	11" CEDAR ELM	790	8" WHITE OAK	820 (H)	26" POST OAK
701 (H)	38" POST OAK	731 (H)	39" LIVE OAK (32, 13)	762	10" CEDAR ELM	791	10" CEDAR ELM	821 (H)	36" LIVE OAK (26, 21)
702	17" POST OAK	732	23" LIVE OAK	763	11" AMERICAN ELM	792	8" CEDAR ELM	822	7" SPANISH OAK
703 (H)	25" POST OAK	733 (H)	27" LIVE OAK (19, 15)	764	16" CEDAR ELM	793	10" HACKBERRY (10, ILL)	823	8" SPANISH OAK
704	24" LIVE OAK	734 (H)	26" LIVE OAK	765	12" CEDAR ELM	794	8" HACKBERRY	824	9" CEDAR ELM
705 (H)	30" LIVE OAK	735	11" HACKBERRY	766	8" CEDAR	795	9" CEDAR ELM	825	11" AMERICAN ELM
706 (H)	29" LIVE OAK	736	6" PECAN	767	8" CEDAR	796	11" CEDAR ELM	826	8" CHINABERRY
707 (H)	24" LIVE OAK	737	9" PECAN	768	11" CEDAR ELM (8, 3, 2)	797	13" CEDAR ELM	827	15" CHINABERRY
708 (H)	29" LIVE OAK	738	20" PECAN	769	16" CEDAR ELM (16, ILL)	798	9" HACKBERRY	828	7" HACKBERRY
709 (H)	38" LIVE OAK (26, 24)	739 (H)	31" LIVE OAK	770	16" CEDAR (11, 10)	799	8" WHITE OAK	829	13" CHINABERRY (10, 7)
710	24" CEDAR ELM (PREVIOUSLY REMOVED)	740 (H)	26" LIVE OAK	771	14" WHITE OAK	800	16" CEDAR ELM	830	16" HACKBERRY
711 (H)	37" LIVE OAK (25, 23)	741 (H)	26" LIVE OAK	772	10" CEDAR	801	16" LIVE OAK	831	16" LIVE OAK
712	17" LIVE OAK (WITH BEEHIVE)	742 (H)	41" LIVE OAK	773	14" LIVE OAK	802	9" CEDAR ELM	832	18" PECAN (10, 9, 7)
713	23" LIVE OAK	743	9" SPANISH OAK	774	12" CEDAR ELM	803	10" WHITE OAK	833	15" HACKBERRY (11, 9)
714 (H)	25" LIVE OAK	744 (H)	41" LIVE OAK	775	11" CHINABERRY	804	9" CEDAR ELM	834	15" HACKBERRY (11, 8)
715	13" SPANISH OAK (9, 7)	745 (H)	30" LIVE OAK	776	15" CEDAR ELM (12, 6)	805	18" LIVE OAK		
716 (H)	35" POST OAK	746 (H)	30" LIVE OAK	777	12" CEDAR ELM (8, 7)	806	8" LIVE OAK		
717 (H)	25" LIVE OAK	747 (H)	29" LIVE OAK (20, 18)	778	11" CHINABERRY	807	13" LIVEOAK		
718 (H)	28" POST OAK	748 (H)	27" LIVE OAK	779	14" HACKBERRY (10, 8, ILL)	808	11" CEDAR ELM		
719	22" POST OAK	749 (H)	50" LIVE OAK	780	12" HACKBERRY	809	8" CEDAR ELM		
720 (H)	41" LIVE OAK	750 (H)	25" LIVE OAK	781	9" CEDAR ELM	810	18" CEDAR ELM (11, 8, 5)		
721 (H)	25" POST OAK	751 (H)	32" LIVE OAK	782	10" CEDAR ELM	811	9" CEDAR ELM		
722	16" POST OAK	752 (H)	50" LIVE OAK (50, ESTIMATE)	783	10" CEDAR ELM	812	12" CEDAR ELM (8, 7)		
723	11" CEDAR ELM (PREVIOUSLY REMOVED)	753 (H)	27" LIVE OAK	784	9" CEDAR ELM	813	9" CEDAR ELM (6, 5)		
724	12" LIVE OAK	754	22" LIVE OAK	785	12" CEDAR ELM	814	16" WHITE OAK (8, 8, 7)		
725 (H)	32" POST OAK	755 (H)	33" LIVE OAK	786	20" HACKBERRY (11, 9, 9)	815	16" CEDAR ELM (11, 9)		
726	19" HACKBERRY	756	16" LIVE OAK	787	20" CHINABERRY (15, 10)	816	8" WHITE OAK		
727	26" CHINABERRY (16, 10, 10)	757	11" LIVE OAK	788	10" CEDAR ELM	817	11" CEDAR ELM		
728 (H)	37" LIVE OAK	758	15" LIVE OAK			818	9" CEDAR ELM		

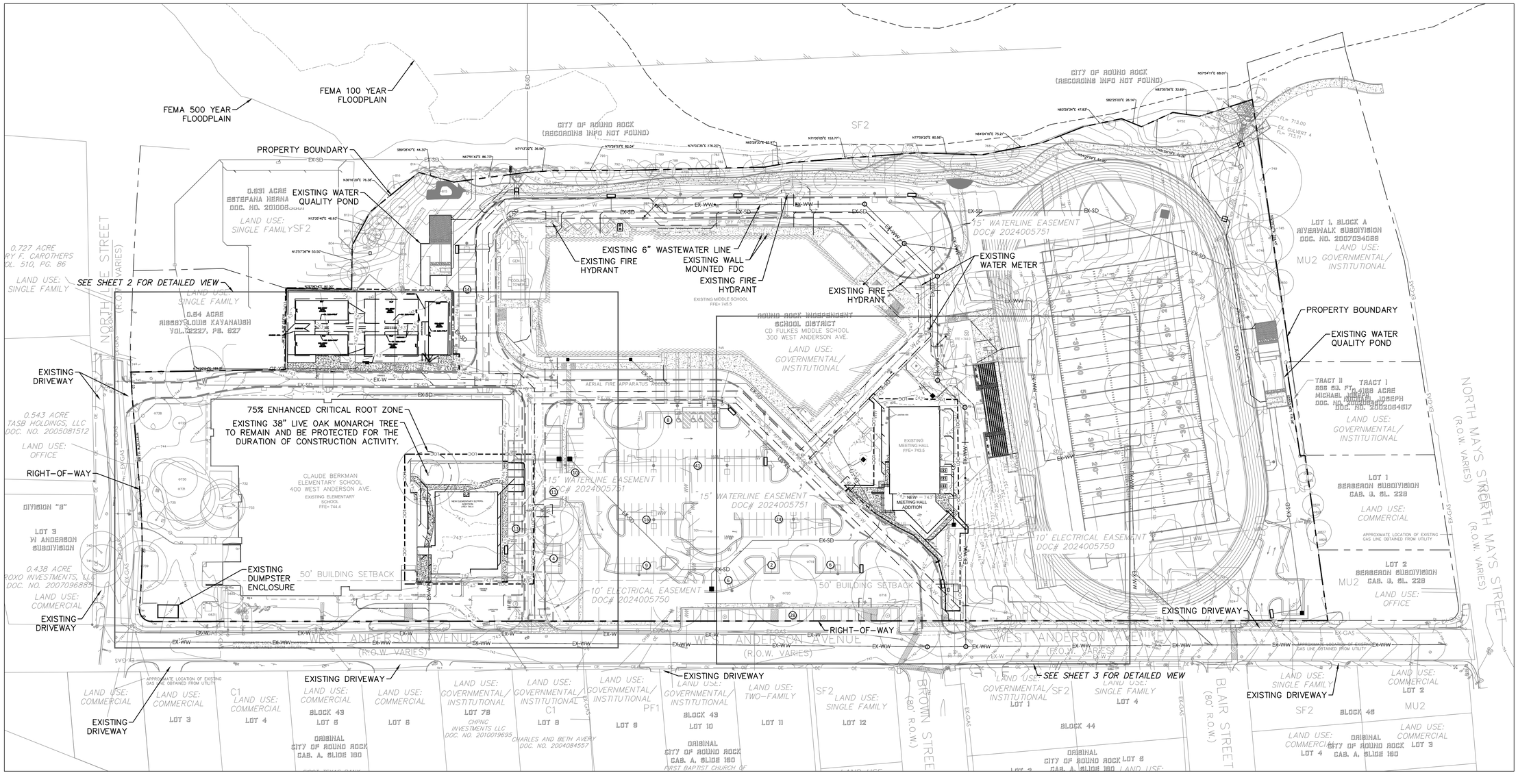
BERKMAN ES
TYPE II B
OCCUPANCY TYPE E
ADDITION AREA = 7,827 SQFT
TOTAL AREA = 57,497 SQFT
HEIGHT = 24'-2" (ADDITION) 32'-2" EXISTING BUILDING
STORIES 1

CD FULKES MEETING HALL
TYPE V
OCCUPANCY TYPE A
ADDITION AREA = 8,580 SQFT
HEIGHT = 37 FT
STORIES 1

PARKING TABLE		
ELEMENTARY AND MIDDLE SCHOOLS		3 PARKING SPACES PER CLASSROOM
	NO. OF CLASSROOMS	PARKING REQUIRED
BERKMAN ELEMENTARY SCHOOL	29	87
CD FULKES MIDDLE SCHOOL	32	96
TOTAL PARKING REQUIRED		183
TOTAL PARKING PROVIDED		193
HANDICAP PARKING REQUIRED		6
HANDICAP PARKING PROVIDED		8

60 0 60 120
GRAPHIC SCALE IN FEET
1" = 60'

NOTE:
SITE HAS (2) EXISTING ON-SITE DETENTION AND WATER QUALITY PONDS. LOCATED ON THE WEST AND EAST OF SITE.



REVISIONS			
NO.	DATE	DESCRIPTION	
#	#	#	
#	#	#	
#	#	#	
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#	#	#	

OVERALL SITE PLAN

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXENGFIRM I-1114)

BERKMAN ES ADDITION & FULKES MS AUDITORIUM ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

10/24/2025
STATE OF TEXAS
GILBERTO MOTA
146585
LICENSED PROFESSIONAL ENGINEER

JOB NO.	B013728.001
DESIGNED BY:	#
DRAWN BY:	#
CHECKED BY:	######
DATE:	10/24/25
SHEET:	C6.01

SDP 25-00030

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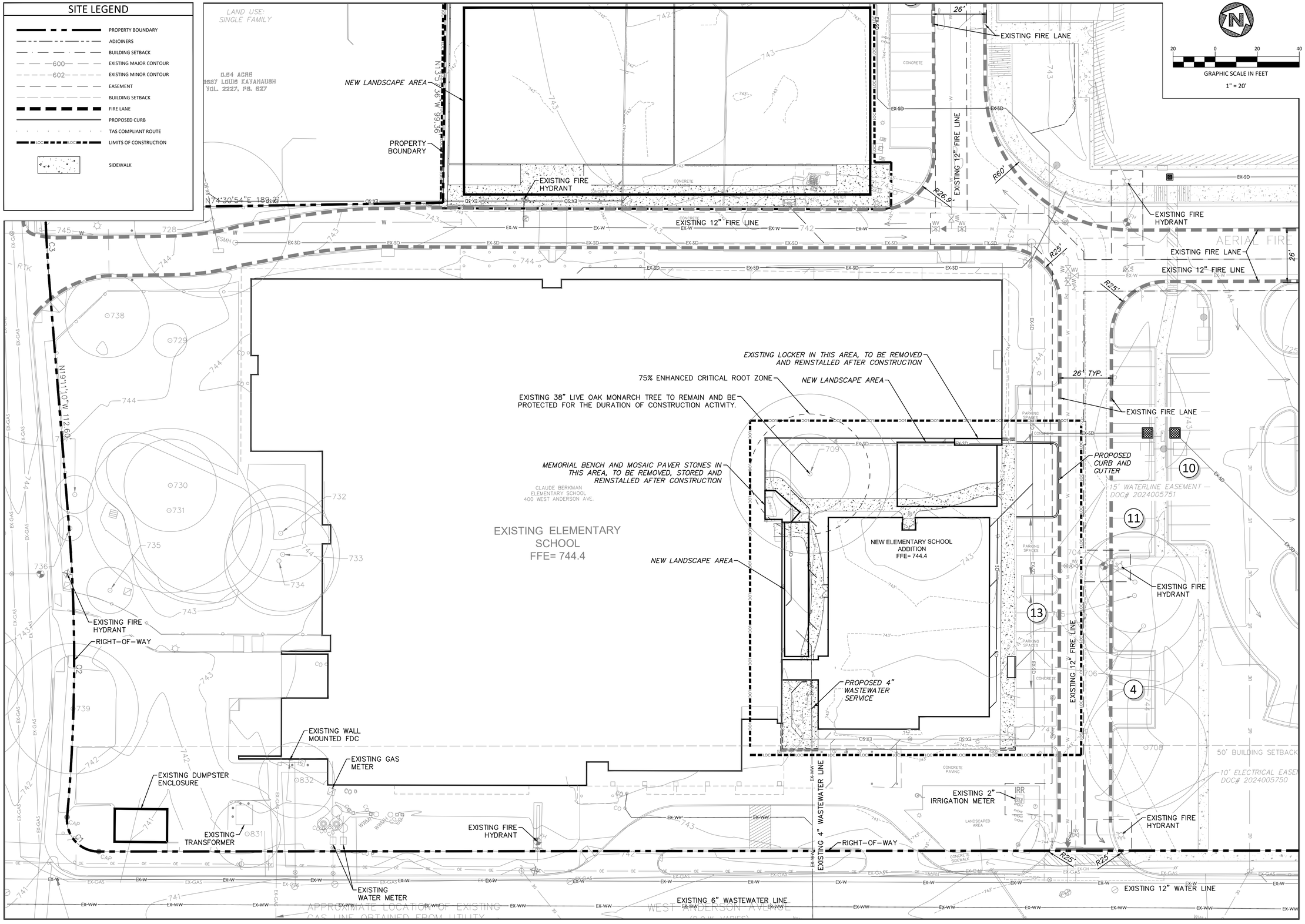
PLOTTED ON: Friday, October 24, 2025



REVISIONS		
NO.	DATE	DESCRIPTION
#	#	#
#	#	#
#	#	#
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#	#	#

SITE PLAN 1 OF 2

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXENG FIRM F-1114)

BERKMAN ES ADDITION & FULKES MS AUDITORIUM ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

10/24/2025

STATE OF TEXAS
GILBERTO MOTA
146585
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PROFESSIONAL ENGINEER

JOB NO.	B013728.001
DESIGNED BY:	#
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DATE:	10/24/25
SHEET:	C6.02

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FILENAME: SITE PL.dwg
PLOTTED BY: Zachary Wilder
PLOTTED ON: Friday, October 24, 2025

SDP 25-00030

ROUND ROCK INDEPENDENT SCHOOL DISTRICT
LOT 1, BLOCK A
BERKMAN/FULKES SUBDIVISION
DOCUMENT NUMBER
2021041654 O.P.R.W.C.T.
300 WEST ANDERSON AVE.

LAND USE: GOVERNMENTAL/ INSTITUTIONAL

EXISTING MEETING HALL
FFE= 743.5

NEW MEETING HALL ADDITION

FFE = 744.0

EXISTING 12" FIRE LINE

EXISTING FIRE HYDRANT

EXISTING FIRE HYDRANT

EXISTING 12" FIRE LINE

15' WATERLINE EASEMENT
DOC# 2024005751

NEW LANDSCAPE AREA

NEW 2" DOMESTIC WATER SERVICE LINE

PROPOSED 6" FIRE PROTECTION LINE

NEW 4" WASTEWATER LINE

PROPOSED STORM DRAIN REROUTE

10' ELECTRICAL EASEMENT
DOC# 2024005750

NEW 6" FIRE PROTECTION SERVICE LINE

EXISTING 6" WASTEWATER LINE

50' BUILDING SETBACK

EXISTING FIRE HYDRANT

ONE WAY (IN) DRIVEWAY

RIGHT-OF-WAY

EXISTING 12" WATER LINE

EXISTING 6" WASTEWATER LINE

WEST ANDERSON AVENUE
(R.O.W. VARIES)

WEST ANDERSON AVENUE
(VARIABLE WIDTH RIGHT-OF-WAY)

WEST ANDERSON AVENUE
(R.O.W. VARIES)

AERIAL FIRE APPARATUS ACCESS

JUNCTION BOX

METAL COVER

CONCRETE SIDEWALK

GATE

LANDSCAPED AREA

CONCRETE PAVING

CHAIN LINK FENCE

HOLT CAMERON STREET ABSTRACT NO. 259

GRAPHIC SCALE IN FEET
20 0 20 40
1" = 20'

SITE LEGEND

- PROPERTY BOUNDARY
- ADJOINERS
- BUILDING SETBACK
- 600 EXISTING MAJOR CONTOUR
- 602 EXISTING MINOR CONTOUR
- EASEMENT
- BUILDING SETBACK
- FIRE LANE
- PROPOSED CURB
- TAS COMPLIANT ROUTE
- LOC LOC LIMITS OF CONSTRUCTION
- SIDEWALK
- # PARKING COUNT

REVISIONS		
NO.	DATE	DESCRIPTION
#	#	#
#	#	#
#	#	#
#	#	#
#	#	#

SITE PLAN 2 OF 2

BERKMAN ES ADDITION &
FULKES MS AUDITORIUM ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXENGFIRM I-1114)

10/24/2025

STATE OF TEXAS
GILBERTO MOTA
146585
LICENSED PROFESSIONAL ENGINEER

JOB NO.	B013728.001
DESIGNED BY:	#
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CHECKED BY:	######
DATE:	10/24/25
SHEET:	C6.03

SDP 25-00030

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PLOTTED BY: Peter Mueller
PLOTTED ON: Friday, October 24, 2025

SITE LEGEND

- PROPERTY BOUNDARY
- ADJOINERS
- BUILDING SETBACK
- 600 EXISTING MAJOR CONTOUR
- 602 EXISTING MINOR CONTOUR
- EASEMENT
- BUILDING SETBACK
- FIRE LANE
- PROPOSED CURB
- TAS COMPLIANT ROUTE
- LOC LIMITS OF CONSTRUCTION
- SIDEWALK

PROPERTY BOUNDARY
S89°08'47"E 44.30'
N67°51'42"E 86.73'
N71°13'32"E 36.56'
N75°26'53"E 82.04'
N36°16'29"E 76.38'
N13°35'40"E 46.93'
N13°57'36"W 53.50'
N76°08'14"E 80.00'
N13°57'36"W 99.98'
N74°30'54"E 189.21'
EXISTING WATER QUALITY POND
0.831 ACRE
ESTEFANA HERNANDEZ
DOC. NO. 2010083601
LAND USE: SINGLE FAMILY
SF2
LAND USE: SINGLE FAMILY
LAND USE: SINGLE FAMILY
0.64 ACRE
ABSBY LOUIS KAVANAUGH
VOL. 2227, PG. 827
EDGE OF PAVEMENT
PROPERTY BOUNDARY
NORTH LEE ST
(R.O.W. VARIES)
EXISTING DRIVEWAY
SIDEWALK
CURB INLET
AC PAD
AC PAD
138.5'
209.6'
9'
36.5'
9'
36.5'
34'
35'
9'
43.5'
RIGHT-OF-WAY
SIDEWALK
7.6'
20.9'
EXISTING DUMPSTER ENCLOSURE
10.3'
63.4'
17'
48'
LOC
33.3'
PARKING
25'
TRANSFORMER PAD
42.3'
123.2'
EXISTING TRANSFORMER
BERKMAN ELEMENTARY MONUMENT SIGN
RIGHT-OF-WAY
SIDEWALK
EXISTING DRIVEWAY
0.543 ACRE
TASB HOLDINGS, LLC
DOC. NO. 2005081512
LAND USE: OFFICE
RIGHT-OF-WAY
DIVISION "B"
LOT 3
W ANDERSON SUBDIVISION
0.438 ACRE
ROXO INVESTMENTS, LLC
DOC. NO. 2007096885
LAND USE: COMMERCIAL
EXISTING DRIVEWAY
CLAUDE BERKMAN ELEMENTARY SCHOOL
400 WEST ANDERSON AVE.
EXISTING ELEMENTARY SCHOOL
FFE= 744.4
APPROXIMATE LOCATION OF EXISTING GAS LINE OBTAINED FROM UTILITY
WEST ANDERSON AVENUE
(R.O.W. VARIES)
EXISTING DRIVEWAY
EX. CULVERT 2
DROP OFF AREA
CONC. WALKWAY
CONC. RAMP
R25'
5'
EXISTING FIRE LANE
26'
COOLING TOWER
EXISTING MIDDLE SCHOOL
FFE= 745.5
10'
8'
R60'
R26.9'
EXISTING FIRE LANE
AERIAL FIRE APPARATUS ACCESS
R25'
R25'
5'
EXISTING FIRE LANE
26'
R25'
AERIAL FIRE APPARATUS ACCESS
75.3'
112.6'
26' TYP.
NEW ELEMENTARY SCHOOL ADDITION
FFE= 744.4
76.7'
8.1'
36.7'
99.6'
99'
94.7'
9.7'
17.2'
23.3'
9'
6.5'
15' WATERLINE EASEMENT
DOC# 2024005751
50' BUILDING SETBACK
10' ELECTRICAL EASEMENT
DOC# 2024005750
4.9'
5'
5'
R25'
R25'
15'
GRAPHIC SCALE IN FEET
1" = 20'
20 0 20 40

REVISIONS			
NO.	DATE	DESCRIPTION	
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DIMENSIONAL CONTROL PLAN 1 OF 2

BERKMAN ES ADDITION &
FULKES MS AUDITORIUM ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXENG FIRM F-1114)

10/24/2025
STATE OF TEXAS
GILBERTO MOTA
146585
LICENSED
PROFESSIONAL ENGINEER

JOB NO.	B013728.001
DESIGNED BY:	#
DRAWN BY:	#
CHECKED BY:	######
DATE:	10/24/25
SHEET:	C7.01

SDP 25-00030

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PLOTTED ON: Friday, October 24, 2025
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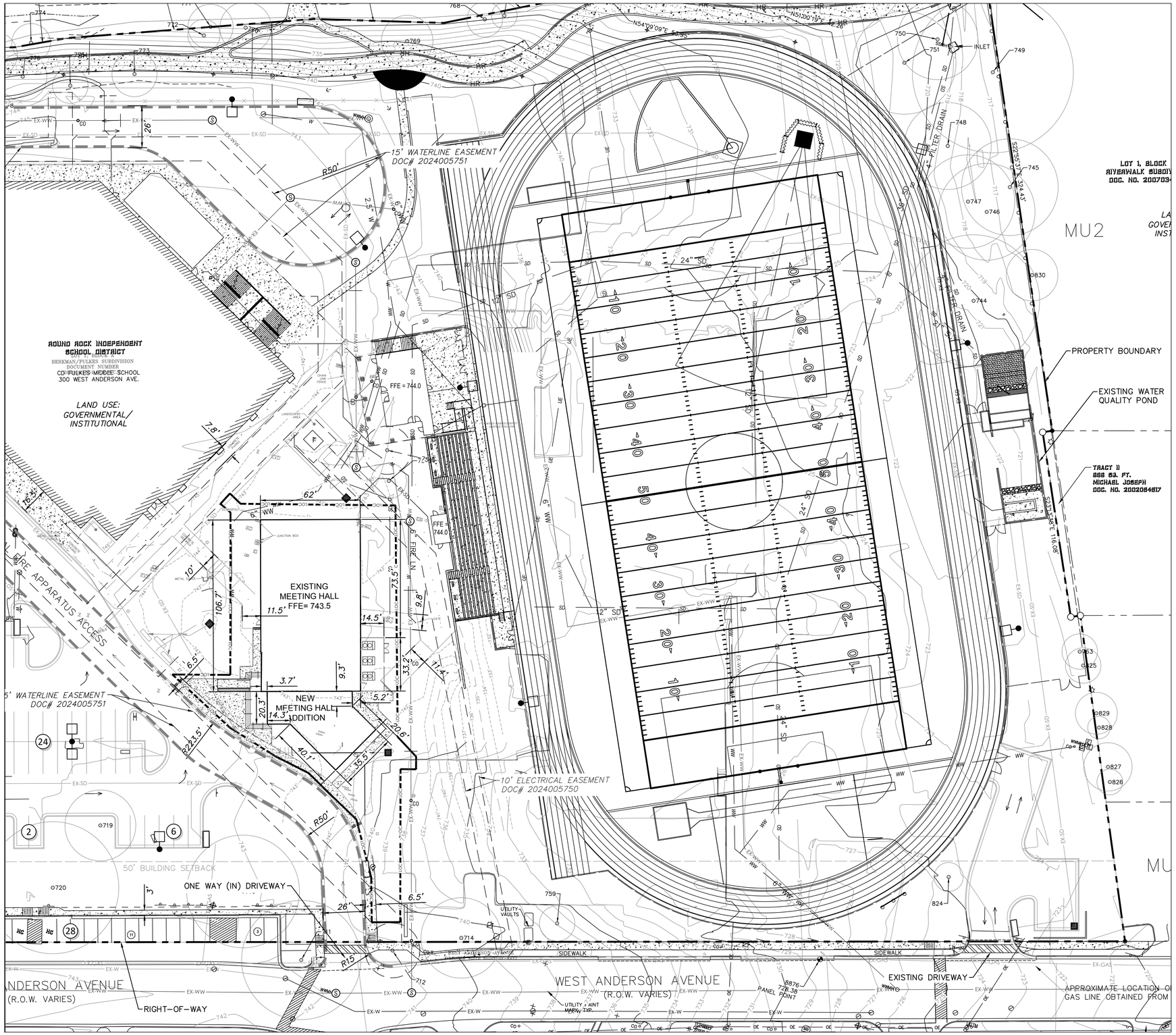

REVISIONS

NO.	DATE	DESCRIPTION
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DIMENSIONAL CONTROL PLAN 2 OF 2

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
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BERKMAN ES ADDITION &
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DRAWN BY:	#
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DATE:	10/24/25
SHEET:	C7.02

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PLOTTED BY: Zachary Wilder
PLOTTED ON: Friday, October 24, 2025

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ORIGINAL SHEET - ARCH E1

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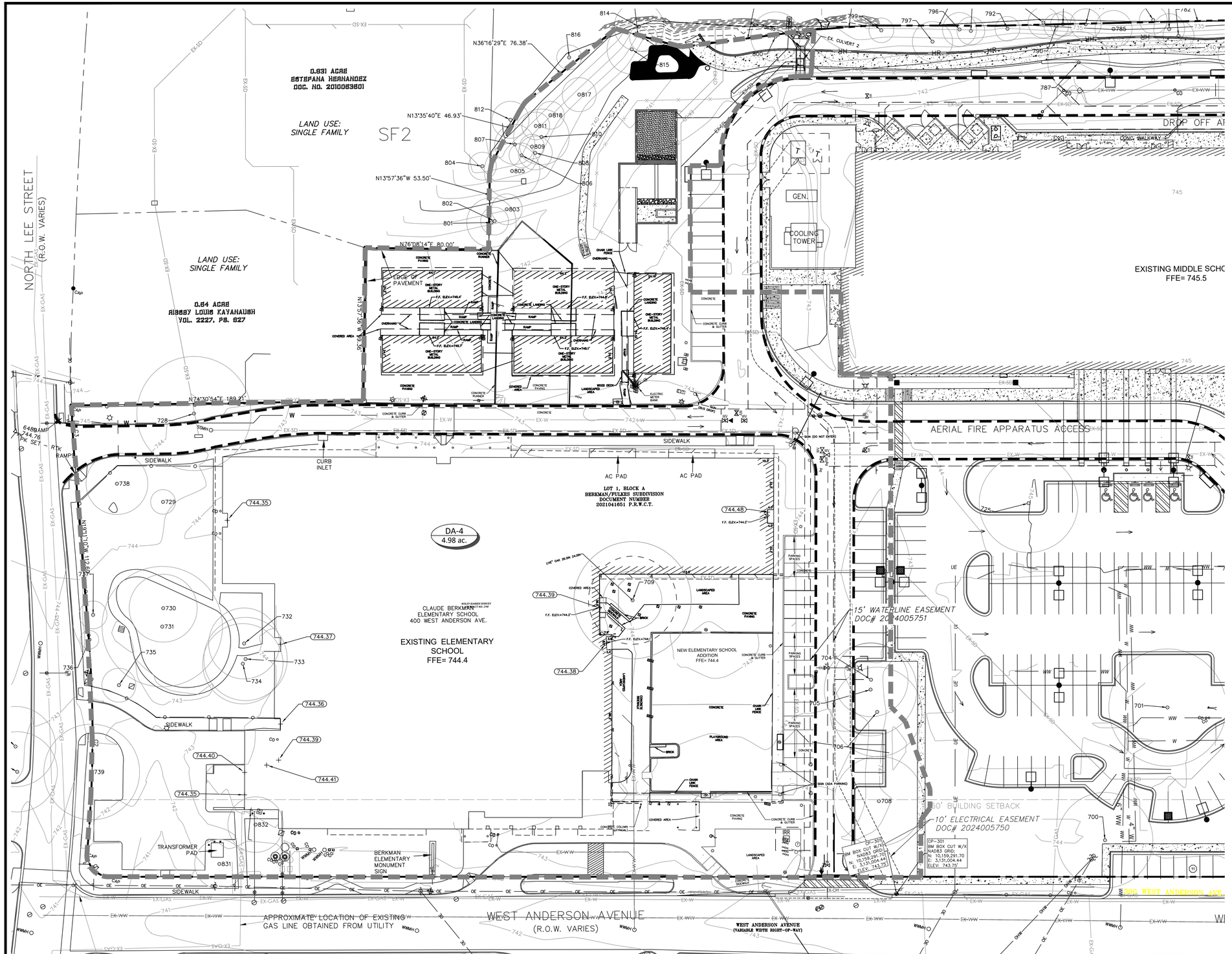

DRAINAGE LEGEND

- PROPERTY BOUNDARY
- RIGHT-OF-WAY
- ADJOINERS
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING DRAINAGE AREA
- PROPOSED DRAINAGE AREA
- EXISTING STORM DRAIN
- EXISTING CURB INLET
- EXISTING STORM DRAIN
- EXISTING AREA DRAIN
- DRAINAGE FLOW ARROW
- A-1 / 1.00 ac. — DRAINAGE AREA / ACRES

0 20 40

GRAPHIC SCALE IN FEET

NOTE:
1. DRAINAGE CALCULATIONS FOR THE EXISTING AND PROPOSED IMPROVEMENTS HAVE BEEN CALCULATED USING THE ATLAS-14 RAINFALL FREQUENCIES TAKEN FROM THE CITY OF ROUND ROCK RAIN MANUAL DATED AUGUST 2020. ATLAS-14 BUSHY CREEK WATERSHED RAINFALL INTENSITIES WERE USED TO FOR RATIONAL METHOD CALCULATIONS PROVIDED.
2. EXISTING WATER QUALITY POND "WEST" HAS BEEN DESIGN TO CAPTURE A MAX IMPERVIOUS COVER OF 3.19 ac. AS PERMITTED IN SDP2008-0001

WATER QUALITY ABATEMENT SUMMARY

	BERKMAN ELEMENTARY (WEST POND)	FULKES M.S. (EAST POND)	SITE TOTAL
PROJECT AREA	4.98	12.1	17.08
EXISTING I.C.	3.19	6.92	10.11
NEW I.C.	3.01	6.92	9.93

EXISTING CONDITIONS

DA	AREA (ac.)	I.C. AREA (ac.)	%I.C.	Tc (min)	2-YR PERVIOUS COEFF.	2-YR IMPERVIOUS COEFF.	C2	I2 (in/hr)	Q2 (cfs)	10-YR PERVIOUS COEFF.	10-YR IMPERVIOUS COEFF.	C10	I10 (in/hr)	Q10 (cfs)	25-YR PERVIOUS COEFF.	25-YR IMPERVIOUS COEFF.	C25	I25 (in/hr)	Q25 (cfs)	100-YR PERVIOUS COEFF.	100-YR IMPERVIOUS COEFF.	C100	I100 (in/hr)	Q100 (cfs)
1	4.95	3.19	0.64	5	0.29	0.79	0.61	6.24	18.91	0.35	0.83	0.66	9.31	30.39	0.42	0.92	0.74	11.1	40.78	0.46	0.97	0.79	14.2	55.44

REVISIONS

NO.	DESCRIPTION	DATE
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#		#
#		#
#		#
#		#

EXISTING CONDITIONS DRAINAGE AREA MAP BERKMAN

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STATE OF TEXAS
GILBERTO MOTA
146585
LICENSED
PROFESSIONAL ENGINEER

JOB NO.	B013728.001
DESIGNED BY:	GM
DRAWN BY:	ZW
CHECKED BY:	AC
DATE:	10/24/25
SHEET:	C8.01

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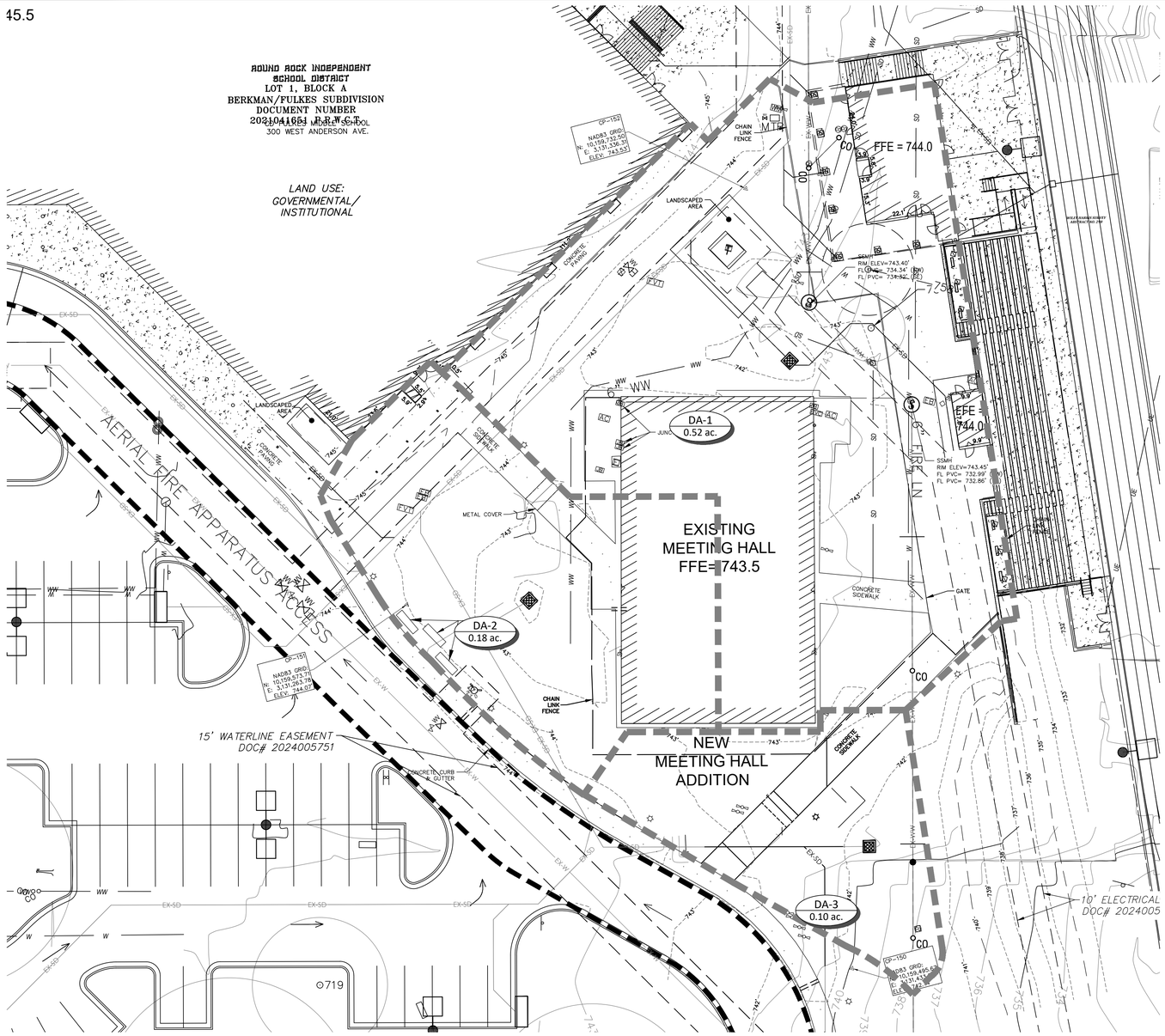
PLOTTED BY: Zachary Winter
PLOTTED ON: Friday, October 24, 2025



EXISTING CONDITIONS					2-YR					10-YR					25-YR					100-YR				
DA	AREA (ac.)	I.C AREA (ac.)	%I.C.	Tc (min)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C2	I2 (in/hr)	Q2 (cfs)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C10	I10 (in/hr)	Q10 (cfs)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C25	I25 (in/hr)	Q25 (cfs)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C100	I100 (in/hr)	Q100 (cfs)
1	0.54	0.31	58%	5	0.29	0.79	0.58	6.24	1.96	0.35	0.83	0.63	9.31	3.16	0.42	0.92	0.71	11.1	4.26	0.46	0.97	0.75	14.2	5.81
2	0.24	0.11	44%	5	0.29	0.79	0.51	6.24	0.75	0.35	0.83	0.56	9.31	1.24	0.42	0.92	0.64	12.1	1.83	0.46	0.97	0.69	15.2	2.46
3	0.14	0.02	15%	5	0.29	0.79	0.36	6.24	0.31	0.35	0.83	0.42	9.31	0.54	0.42	0.92	0.49	13.1	0.88	0.46	0.97	0.53	16.2	1.19

DRAINAGE LEGEND

- PROPERTY BOUNDARY
- RIGHT-OF-WAY
- ADJOINERS
- 600 — EXISTING MAJOR CONTOUR
- 602 — EXISTING MINOR CONTOUR
- 600 — PROPOSED MAJOR CONTOUR
- 602 — PROPOSED MINOR CONTOUR
- EXISTING DRAINAGE AREA
- PROPOSED DRAINAGE AREA
- EXISTING STORM DRAIN
- EXISTING CURB INLET
- EXISTING STORM DRAIN
- EXISTING AREA DRAIN
- DRAINAGE FLOW ARROW
- A-1 / 1.00 ac. — DRAINAGE AREA / ACRES

0 20 40
GRAPHIC SCALE IN FEET

NOTE:
1. DRAINAGE CALCULATIONS FOR THE EXISTING AND PROPOSED IMPROVEMENTS HAVE BEEN CALCULATED USING THE ATLAS–14 RAINFALL FREQUENCIES TAKEN FROM THE CITY OF ROUND ROCK RAIN MANUAL DATED AUGUST 2020. ATLAS–14 BUSHY CREEK WATERSHED RAINFALL INTENSITIES WERE USED TO FOR RATIONAL METHOD CALCULATIONS PROVIDED.
2. EXISTING WATER QUALITY POND "EAST" HAS BEEN DESIGN TO CAPTURE A MAX IMPERVIOUS COVER OF 6.92 ac. AS PERMITTED IN SDP2008–0001

WATER QUALITY ABATEMENT SUMMARY			
	BERKMAN ELEMENTARY (WEST POND)	FULKES M.S. (EAST POND)	SITE TOTAL
PROJECT AREA	4.98	12.1	17.08
EXISTING I.C.	3.19	6.92	10.11
NEW I.C.	3.01	6.92	9.93

REVISIONS

NO.	DATE	DESCRIPTION
#	#	#
#	#	#
#	#	#
#	#	#
#	#	#

EXISTING CONDITIONS DRAINAGE AREA MAP FULKES

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXENGFIRM I-1114)

BERKMAN ES ADDITION & FULKES MS AUDITORIUM ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

10/24/2025

STATE OF TEXAS
GILBERTO MOTA
146585
LICENSED PROFESSIONAL ENGINEER

JOB NO.	B013728.001
DESIGNED BY:	GM
DRAWN BY:	ZW
CHECKED BY:	AC
DATE:	10/24/25
SHEET:	C8.02

SDP 25-00030

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PLOTTED ON: Friday, October 24, 2025
PLOTTED BY: Zachary Wilder
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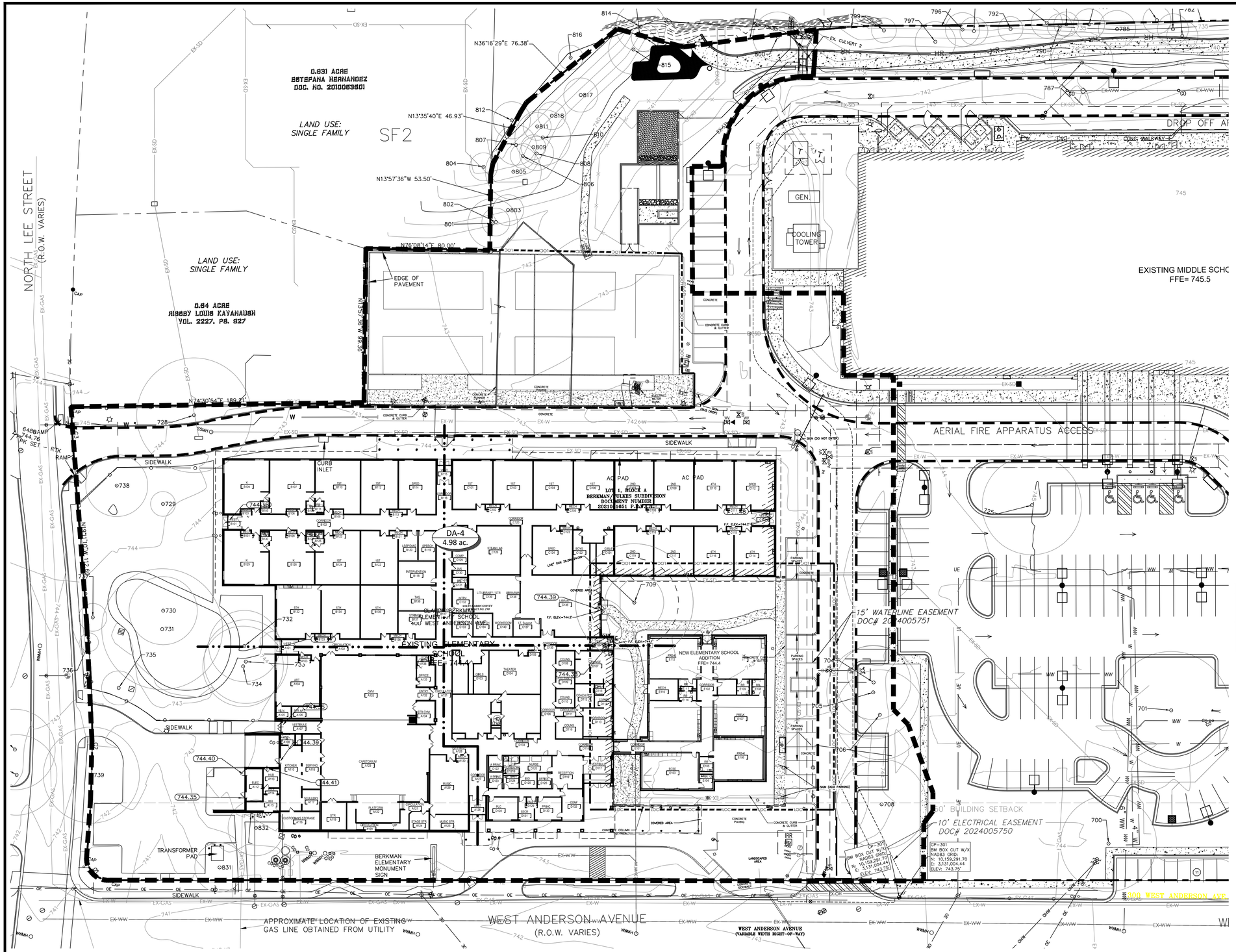

DRAINAGE LEGEND

- PROPERTY BOUNDARY
- RIGHT-OF-WAY
- ADJOINERS
- 600 — EXISTING MAJOR CONTOUR
- 602 — EXISTING MINOR CONTOUR
- 600 — PROPOSED MAJOR CONTOUR
- 602 — PROPOSED MINOR CONTOUR
- EXISTING DRAINAGE AREA
- PROPOSED DRAINAGE AREA
- EXISTING STORM DRAIN
- EXISTING CURB INLET
- EXISTING STORM DRAIN
- EXISTING AREA DRAIN
- DRAINAGE FLOW ARROW
- A-1 / 1.00 ac. — DRAINAGE AREA / ACRES

0 20 40

GRAPHIC SCALE IN FEET

NOTE:

1. *DRAINAGE CALCULATIONS FOR THE EXISTING AND PROPOSED IMPROVEMENTS HAVE BEEN CALCULATED USING THE ATLAS-14 RAINFALL FREQUENCIES TAKEN FROM THE CITY OF ROUND ROCK RAIN MANUAL DATED AUGUST 2020. ATLAS-14 BUSHY CREEK WATERSHED RAINFALL INTENSITIES WERE USED TO FOR RATIONAL METHOD CALCULATIONS PROVIDED.*
2. *EXISTING WATER QUALITY POND "WEST" HAS BEEN DESIGN TO CAPTURE A MAX IMPERVIOUS COVER OF 3.19 ac. AS PERMITTED IN SDP2008-0001.*
3. *DRAINAGE AREA DA-4 IS TO CONVEYED RUNOFF INTO THE WATER QUALITY POND "WEST" AS PERMITTED IN SDP2008-0001..*
4. *NEW IMPROVEMENTS TO BE CONSTRUCTED TO BE LESS THAN EXISTING CONDITIONS. IMPERVIOUS COVER TO BE 3.01 ac.. NO INCREASE IN IMPERVIOUS COVER.*

WATER QUALITY ABATEMENT SUMMARY			
	BERKMAN ELEMENTARY (WEST POND)	FULKES M.S. (EAST POND)	SITE TOTAL
PROJECT AREA	4.98	12.1	17.08
EXISTING I.C.	3.19	6.92	10.11
NEW I.C.	3.01	6.92	9.93

EXISTING CONDITIONS					2-YR					10-YR					25-YR					100-YR				
DA	AREA (ac.)	I.C. AREA (ac.)	%I.C	Tc (min)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C2	I2 (in/hr)	Q2 (cfs)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C10	I10 (in/hr)	Q10 (cfs)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C25	I25 (in/hr)	Q25 (cfs)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C100	I100 (in/hr)	Q100 (cfs)
1	4.98	3.19	0.64	5	0.29	0.79	0.61	6.24	18.96	0.35	0.83	0.66	9.31	30.48	0.42	0.92	0.74	11.1	40.92	0.46	0.97	0.79	14.2	55.63

PROPOSED CONDITIONS					2-YR					10-YR					25-YR					100-YR				
DA	AREA (ac.)	I.C. AREA (ac.)	%I.C	Tc (min)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C2	I2 (in/hr)	Q2 (cfs)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C10	I10 (in/hr)	Q10 (cfs)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C25	I25 (in/hr)	Q25 (cfs)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C100	I100 (in/hr)	Q100 (cfs)
1	4.98	3.01	0.60	5	0.29	0.79	0.59	6.24	18.39	0.35	0.83	0.64	9.31	29.66	0.42	0.92	0.72	11.1	39.89	0.46	0.97	0.77	14.2	54.29

NO.	DATE	REVISIONS DESCRIPTION
#	#	#
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#	#	#
#	#	#
#	#	#

DEVELOPED CONDITIONS DRAINAGE AREA MAP BERKMAN

BERKMAN ES ADDITION &
FULKES MS AUDITORIUM ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXENGFIRM I-1114)

10/24/2025

STATE OF TEXAS
GILBERTO MOTA
146585
LICENSED
PROFESSIONAL ENGINEER

JOB NO.	B013728.001
DESIGNED BY:	GM
DRAWN BY:	ZW
CHECKED BY:	AC
DATE:	10/24/25
SHEET:	C8.03

SDP 25-00030

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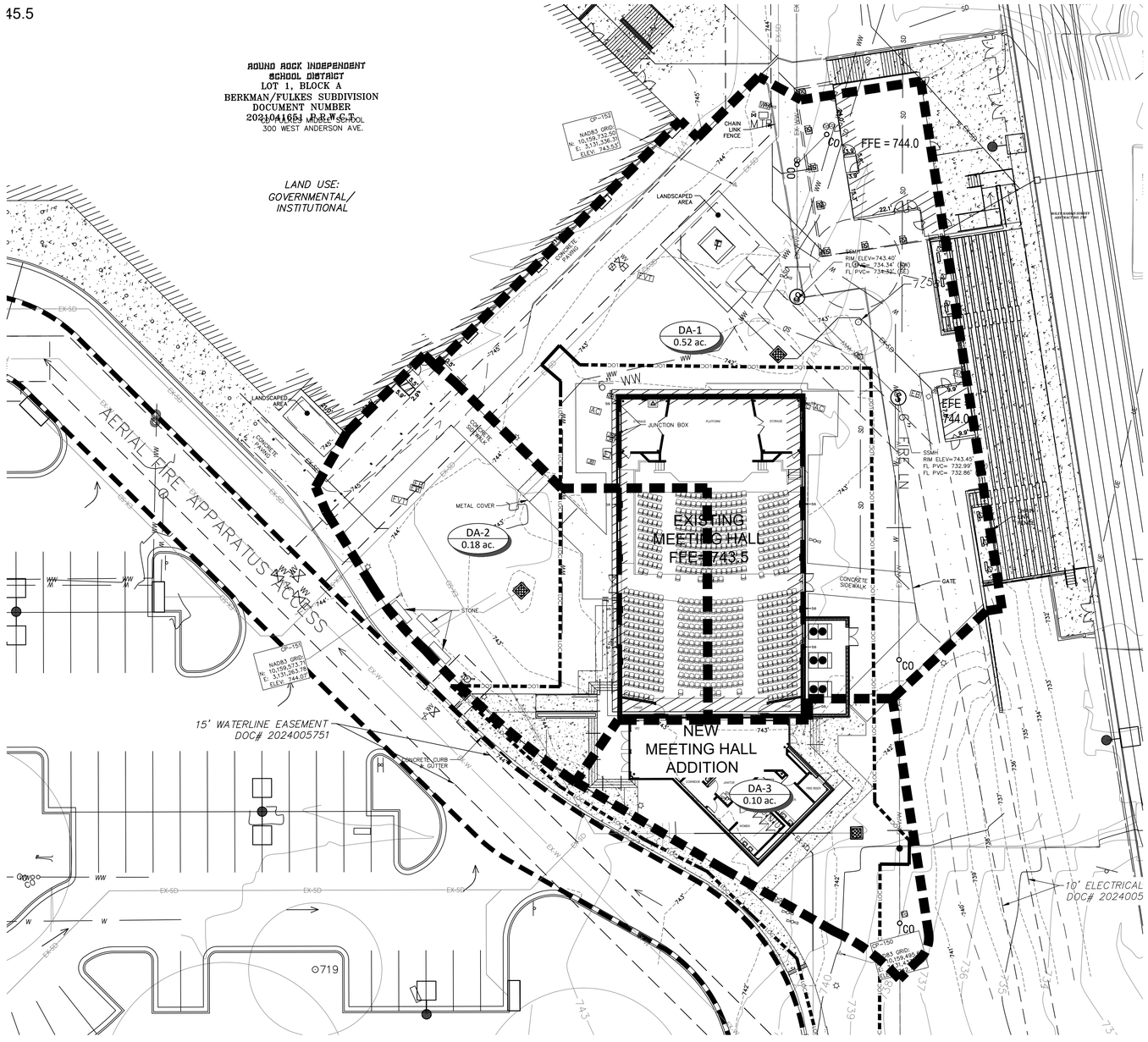
PLOTTED ON: Friday, October 24, 2025



DRAINAGE LEGEND

- PROPERTY BOUNDARY
- RIGHT-OF-WAY
- ADJOINERS
- 600 — EXISTING MAJOR CONTOUR
- 602 — EXISTING MINOR CONTOUR
- 600 — PROPOSED MAJOR CONTOUR
- 602 — PROPOSED MINOR CONTOUR
- EXISTING DRAINAGE AREA
- PROPOSED DRAINAGE AREA
- EXISTING STORM DRAIN
- EXISTING CURB INLET
- EXISTING STORM DRAIN
- EXISTING AREA DRAIN
- DRIANAGE FLOW ARROW
- A-1 / 1.00 ac. — DRAINAGE AREA / ACRES

0 20 40

GRAPHIC SCALE IN FEET

NOTE:
1. DRAINAGE CALCULATIONS FOR THE EXISTING AND PROPOSED IMPROVEMENTS HAVE BEEN CALCULATED USING THE ATLAS–14 RAINFALL FREQUENCIES TAKEN FROM THE CITY OF ROUND ROCK RAIN MANUAL DATED AUGUST 2020. ATLAS–14 BUSHY CREEK WATERSHED RAINFALL INTENSITIES WERE USED TO FOR RATIONAL METHOD CALCULATIONS PROVIDED.
2. EXISTING WATER QUALITY POND "EAST" HAS BEEN DESIGN TO CAPTURE A MAX IMPERVIOUS COVER OF 6.92 ac. AS PERMITTED IN SDP2008–0001.
3. DRAINAGE AREA DA–1, DA–2, AND DA–3 IS TO CONVEYED RUNOFF INTO THE WATER QUALITY POND "EAST" AS PERMITTED IN SDP2008–0001..
4. PER AS–BUILD FROM SDP2008–0001 THE IMPERVIOUS COVER FOR FULKES MIDDLE SCHOOL IS 6.85 ac.
5. NEW IMPROVEMENTS TO BE CONSTRUCTED SHALL INCREASE THE IMPERVIOUS COVER IN DRAINAGE BASIN DA–1, DA–2, AND DA–3. THE INCREASE IN IMPERVIOUS COVER FOR THE NEW IMPROVEMENTS WILL BE 0.07 ac. (3,049 SF). WHICH WILL INCREASE THE FULKES MIDDLE SCHOOL IMPERVIOUS COVER TO 6.92 ac. NO INCREASE IN OVERALL IMPERVIOUS COVER WITH NEW IMPROVEMENTS..

WATER QUALITY ABATEMENT SUMMARY			
	BERKMAN ELEMENTARY (WEST POND)	FULKES M.S. (EAST POND)	SITE TOTAL
PROJECT AREA	4.98	12.1	17.08
EXISTING I.C.	3.19	6.92	10.11
NEW I.I.C.	3.01	6.92	9.93

EXISTING CONDITIONS					2-YR					10-YR					25-YR					100-YR				
DA	AREA (ac.)	I.C. AREA (ac.)	%I.C.	Tc (min)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C2	I2 (in/hr)	Q2 (cfs)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C10	I10 (in/hr)	Q10 (cfs)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C25	I25 (in/hr)	Q25 (cfs)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C100	I100 (in/hr)	Q100 (cfs)
1	0.54	0.31	58%	5	0.29	0.79	0.58	6.24	1.96	0.35	0.83	0.63	9.31	3.16	0.42	0.92	0.71	11.1	4.26	0.46	0.97	0.75	14.2	5.81
2	0.24	0.11	44%	5	0.29	0.79	0.51	6.24	0.75	0.35	0.83	0.56	9.31	1.24	0.42	0.92	0.64	12.1	1.83	0.46	0.97	0.69	15.2	2.46
3	0.14	0.02	15%	5	0.29	0.79	0.36	6.24	0.31	0.35	0.83	0.42	9.31	0.54	0.42	0.92	0.49	13.1	0.88	0.46	0.97	0.53	16.2	1.19

PROPOSED CONDITIONS					2-YR					10-YR					25-YR					100-YR				
DA	AREA (ac.)	I.C. AREA (ac.)	%I.C.	Tc (min)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C2	I2 (in/hr)	Q2 (cfs)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C10	I10 (in/hr)	Q10 (cfs)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C25	I25 (in/hr)	Q25 (cfs)	PERVIOUS COEFF.	IMPERVIOUS COEFF.	C100	I100 (in/hr)	Q100 (cfs)
1	0.54	0.31	0.58	5	0.29	0.79	0.58	6.24	1.96	0.35	0.83	0.63	9.31	3.16	0.42	0.92	0.71	11.1	4.26	0.46	0.97	0.75	14.2	5.81
2	0.24	0.13	0.53	5	0.29	0.79	0.56	7.24	0.95	0.35	0.83	0.61	10.31	1.48	0.42	0.92	0.69	12.1	1.96	0.46	0.97	0.73	15.2	2.63
3	0.14	0.07	0.53	5	0.29	0.79	0.55	8.24	0.62	0.35	0.83	0.60	11.31	0.93	0.42	0.92	0.68	13.1	1.23	0.46	0.97	0.73	16.2	1.62

REVISIONS			
NO.	DATE	DESCRIPTION	
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DEVELOPED CONDITIONS DRAINAGE AREA MAP FULKES

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXENGFIRM A-1114)

BERKMAN ES ADDITION & FULKES MS AUDITORIUM ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

10/24/2025

STATE OF TEXAS
GILBERTO MOTA
146585
LICENSED
PROFESSIONAL ENGINEER

JOB NO.	B013728.001
DESIGNED BY:	GM
DRAWN BY:	ZW
CHECKED BY:	AC
DATE:	10/24/25
SHEET:	C8.04

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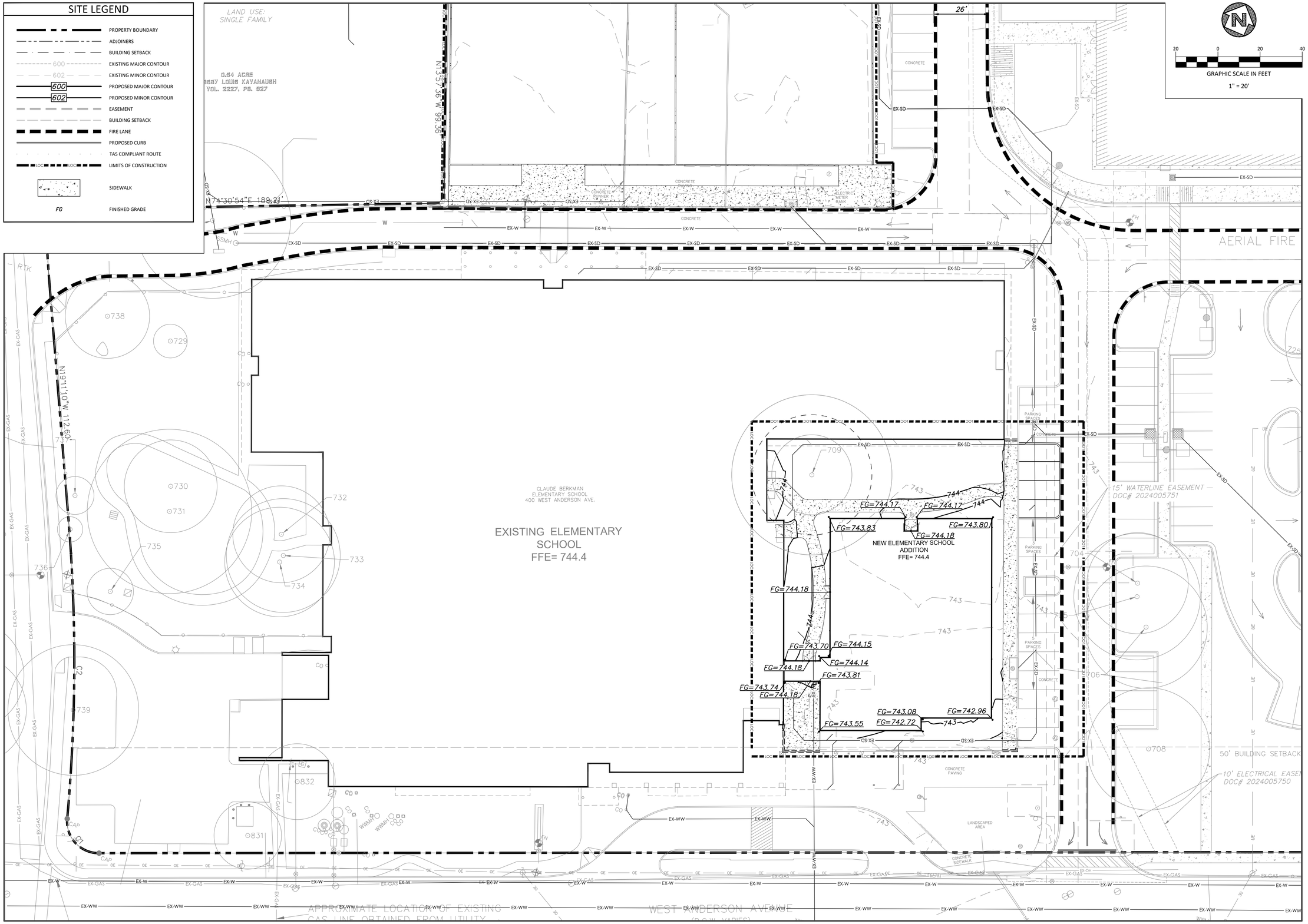
PLOTTED ON: Friday, October 24, 2025



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GRADING PLAN 1 OF 2

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXENG FIRM F-1114)

BERKMAN ES ADDITION & FULKES MS AUDITORIUM ADDITION
300 WEST ANDERSON AVE
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JOB NO.	B013728.001
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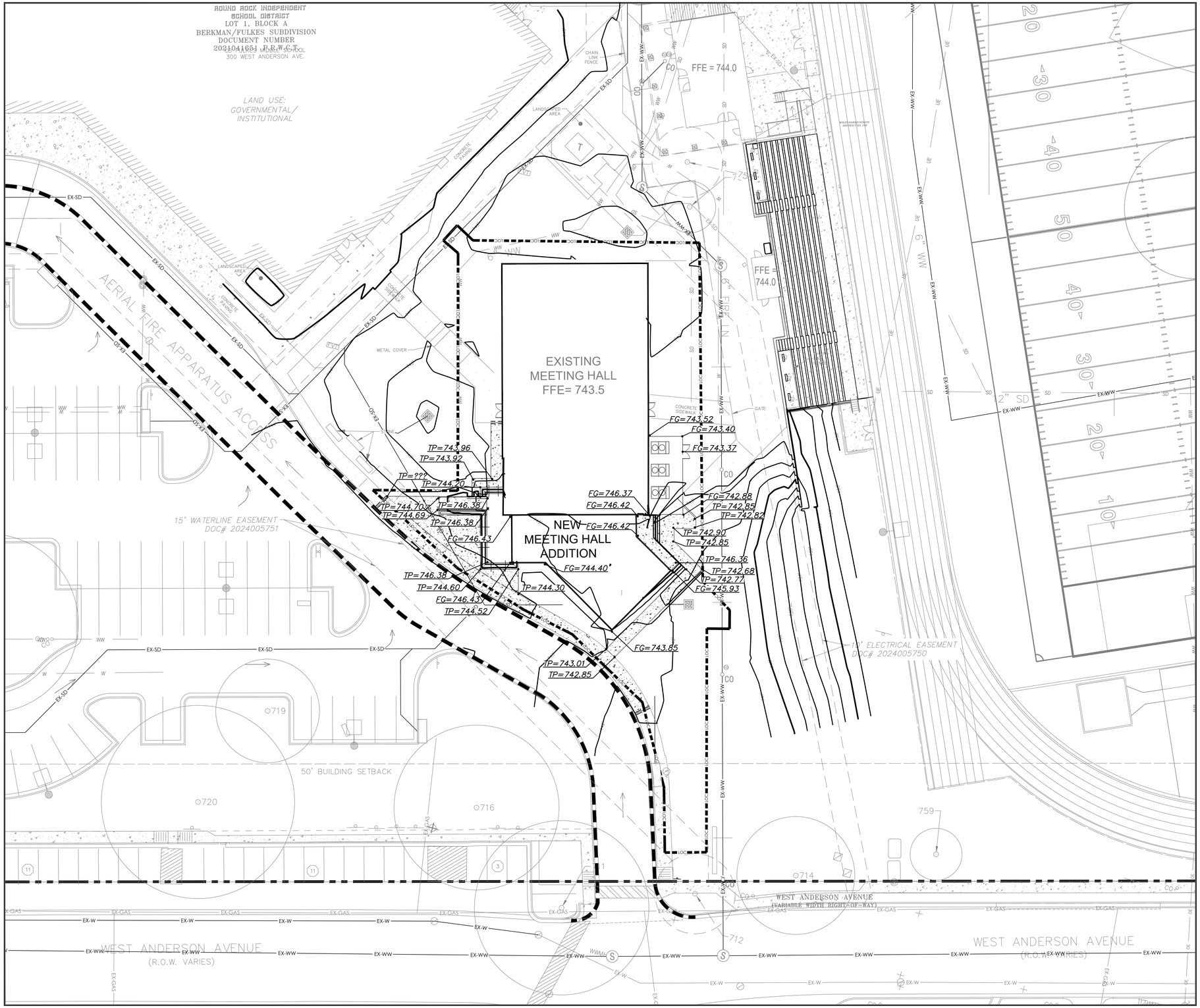
DATE:	10/24/25
SHEET:	C9.02

SDP 25-00030



20 0 20 40

GRAPHIC SCALE IN FEET

1" = 20'

SITE LEGEND

	PROPERTY BOUNDARY
	ADJOINERS
	BUILDING SETBACK
600	EXISTING MAJOR CONTOUR
602	EXISTING MINOR CONTOUR
600	PROPOSED MAJOR CONTOUR
602	PROPOSED MINOR CONTOUR
	EASEMENT
	BUILDING SETBACK
	FIRE LANE
	PROPOSED CURB
	TAS COMPLIANT ROUTE
LOC LOC	LIMITS OF CONSTRUCTION
	SIDEWALK
FG	FINISHED GRADE
TP	TOP OF PAVEMENT

REVISIONS

NO.	DATE	DESCRIPTION
#	#	#
#	#	#
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GRADING PLAN 2 OF 2

DUNAWAY

550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXENG FIRM F-1114)

BERKMAN ES ADDITION &
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STATE OF TEXAS
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DRAWN BY:	#
CHECKED BY:	#####
DATE:	10/24/25
SHEET:	C9.03

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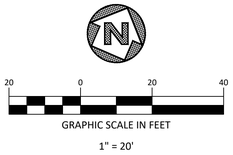
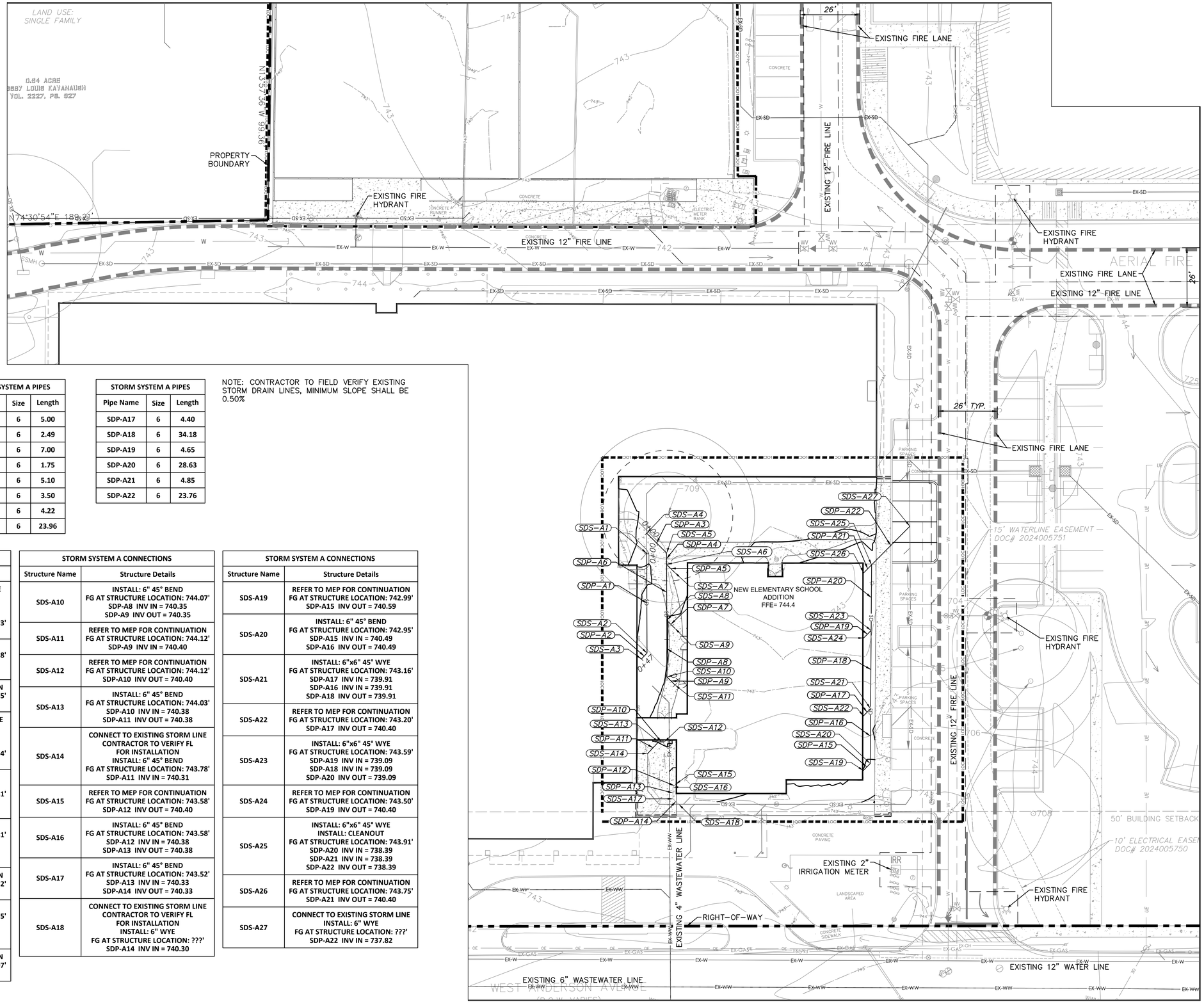
PLOTTED BY: Zachary Wilder
PLOTTED ON: Friday, October 24, 2025

SDP 25-00030

SITE LEGEND

- PROPERTY BOUNDARY
- ADJOINERS
- BUILDING SETBACK
- 600 EXISTING MAJOR CONTOUR
- 602 EXISTING MINOR CONTOUR
- EASEMENT
- BUILDING SETBACK
- FIRE LANE
- PROPOSED CURB
- TAS COMPLIANT ROUTE
- LOC LOC LOC LIMITS OF CONSTRUCTION
- SIDEWALK





STORM SYSTEM A PIPES		
Pipe Name	Size	Length
SDP-A1	6	43.63
SDP-A2	6	3.57
SDP-A3	6	12.26
SDP-A4	6	4.98
SDP-A5	6	5.00
SDP-A6	6	24.40
SDP-A7	6	5.00
SDP-A8	6	24.75

STORM SYSTEM A PIPES		
Pipe Name	Size	Length
SDP-A9	6	5.00
SDP-A10	6	2.49
SDP-A11	6	7.00
SDP-A12	6	1.75
SDP-A13	6	5.10
SDP-A14	6	3.50
SDP-A15	6	4.22
SDP-A16	6	23.96

STORM SYSTEM A PIPES		
Pipe Name	Size	Length
SDP-A17	6	4.40
SDP-A18	6	34.18
SDP-A19	6	4.65
SDP-A20	6	28.63
SDP-A21	6	4.85
SDP-A22	6	23.76

NOTE: CONTRACTOR TO FIELD VERIFY EXISTING STORM DRAIN LINES, MINIMUM SLOPE SHALL BE 0.50%

STORM SYSTEM A CONNECTIONS	
Structure Name	Structure Details
SDS-A1	CONNET TO EXISTING STORM LINE CONTRACTOR TO VERIFY FL FOR INSTALLATION INSTALL: CLEANOUT FG AT STRUCTURE LOCATION: 743.93' SDP-A1 INV OUT = 739.93
SDS-A2	INSTALL: 6" 45° BEND FG AT STRUCTURE LOCATION: 743.78' SDP-A1 INV IN = 740.36 SDP-A2 INV OUT = 740.36
SDS-A3	REFER TO MEP FOR CONTINUATION FG AT STRUCTURE LOCATION: 743.85' SDP-A2 INV IN = 740.40
SDS-A4	CONNECT TO EXISTING STORM LINE CONTRACTOR TO VERIFY FL FOR INSTALLATION INSTALL: 6" WYE FG AT STRUCTURE LOCATION: 743.94' SDP-A3 INV OUT = 739.69
SDS-A5	INSTALL: 6" 45° BEND INSTALL: CLEANOUT FG AT STRUCTURE LOCATION: 743.81' SDP-A3 INV IN = 739.81 SDP-A4 INV OUT = 739.81
SDS-A6	INSTALL: 6"x6" 45° WYE FG AT STRUCTURE LOCATION: 743.81' SDP-A4 INV IN = 739.86 SDP-A5 INV IN = 739.86 SDP-A6 INV OUT = 739.86
SDS-A7	REFER TO MEP FOR CONTINUATION FG AT STRUCTURE LOCATION: 743.82' SDP-A5 INV OUT = 740.40
SDS-A8	INSTALL: 6"x6" 45° WYE FG AT STRUCTURE LOCATION: 743.95' SDP-A6 INV IN = 740.10 SDP-A7 INV IN = 740.10 SDP-A8 INV OUT = 740.10
SDS-A9	REFER TO MEP FOR CONTINUATION FG AT STRUCTURE LOCATION: 744.07' SDP-A7 INV OUT = 740.40

STORM SYSTEM A CONNECTIONS	
Structure Name	Structure Details
SDS-A10	INSTALL: 6" 45° BEND FG AT STRUCTURE LOCATION: 744.07' SDP-A8 INV IN = 740.35 SDP-A9 INV OUT = 740.35
SDS-A11	REFER TO MEP FOR CONTINUATION FG AT STRUCTURE LOCATION: 744.12' SDP-A9 INV IN = 740.40
SDS-A12	REFER TO MEP FOR CONTINUATION FG AT STRUCTURE LOCATION: 744.12' SDP-A10 INV OUT = 740.40
SDS-A13	INSTALL: 6" 45° BEND FG AT STRUCTURE LOCATION: 744.03' SDP-A10 INV IN = 740.38 SDP-A11 INV OUT = 740.38
SDS-A14	CONNECT TO EXISTING STORM LINE CONTRACTOR TO VERIFY FL FOR INSTALLATION INSTALL: 6" 45° BEND FG AT STRUCTURE LOCATION: 743.78' SDP-A11 INV IN = 740.31
SDS-A15	REFER TO MEP FOR CONTINUATION FG AT STRUCTURE LOCATION: 743.58' SDP-A12 INV OUT = 740.40
SDS-A16	INSTALL: 6" 45° BEND FG AT STRUCTURE LOCATION: 743.58' SDP-A12 INV IN = 740.38 SDP-A13 INV OUT = 740.38
SDS-A17	INSTALL: 6" 45° BEND FG AT STRUCTURE LOCATION: 743.52' SDP-A13 INV IN = 740.33 SDP-A14 INV OUT = 740.33
SDS-A18	CONNECT TO EXISTING STORM LINE CONTRACTOR TO VERIFY FL FOR INSTALLATION INSTALL: 6" WYE FG AT STRUCTURE LOCATION: ???' SDP-A14 INV IN = 740.30

STORM SYSTEM A CONNECTIONS	
Structure Name	Structure Details
SDS-A19	REFER TO MEP FOR CONTINUATION FG AT STRUCTURE LOCATION: 742.99' SDP-A15 INV OUT = 740.59
SDS-A20	INSTALL: 6" 45° BEND FG AT STRUCTURE LOCATION: 742.95' SDP-A15 INV IN = 740.49 SDP-A16 INV OUT = 740.49
SDS-A21	INSTALL: 6"x6" 45° WYE FG AT STRUCTURE LOCATION: 743.16' SDP-A17 INV IN = 739.91 SDP-A16 INV IN = 739.91 SDP-A18 INV OUT = 739.91
SDS-A22	REFER TO MEP FOR CONTINUATION FG AT STRUCTURE LOCATION: 743.20' SDP-A17 INV OUT = 740.40
SDS-A23	INSTALL: 6"x6" 45° WYE FG AT STRUCTURE LOCATION: 743.59' SDP-A19 INV IN = 739.09 SDP-A18 INV IN = 739.09 SDP-A20 INV OUT = 739.09
SDS-A24	REFER TO MEP FOR CONTINUATION FG AT STRUCTURE LOCATION: 743.50' SDP-A19 INV OUT = 740.40
SDS-A25	INSTALL: 6"x6" 45° WYE INSTALL: CLEANOUT FG AT STRUCTURE LOCATION: 743.91' SDP-A20 INV IN = 738.39 SDP-A21 INV IN = 738.39 SDP-A22 INV OUT = 738.39
SDS-A26	REFER TO MEP FOR CONTINUATION FG AT STRUCTURE LOCATION: 743.75' SDP-A21 INV OUT = 740.40
SDS-A27	CONNECT TO EXISTING STORM LINE INSTALL: 6" WYE FG AT STRUCTURE LOCATION: ???' SDP-A22 INV IN = 737.82

REVISIONS		
NO.	DATE	DESCRIPTION
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STORM PLAN 1 OF 2

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXENG FIRM #-1114)

BERKMAN ES ADDITION & FULKES MS AUDITORIUM ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

10/24/2025

STATE OF TEXAS
GILBERTO MOTA
146585
LICENSED PROFESSIONAL ENGINEER

JOB NO.	B013728.001
DESIGNED BY:	#
DRAWN BY:	#
CHECKED BY:	######
DATE:	10/24/25
SHEET:	C10.02

SDP 25-00030

FULL PATH: P:\013700\013728.001\Civil\CAD\Plot Sheets\STRM P1.

FILENAME: STRM P1.DWG
PLOTTED BY: Alex Wheeler
PLOTTED ON: Friday, October 24, 2025

SITE LEGEND

- PROPERTY BOUNDARY
- ADJOINERS
- BUILDING SETBACK
- 600 EXISTING MAJOR CONTOUR
- 602 EXISTING MINOR CONTOUR
- EASEMENT
- BUILDING SETBACK
- FIRE LANE
- PROPOSED CURB
- TAS COMPLIANT ROUTE
- LOC LOC LIMITS OF CONSTRUCTION
- SIDEWALK

20 0 20 40

GRAPHIC SCALE IN FEET

1" = 20'

STORM SYSTEM B PIPES		
Pipe Name	Size	Length
SDP-B1	6	15.13
SDP-B2	6	5.00
SDP-B3	6	33.36
SDP-B4	6	5.00
SDP-B5	6	34.48
SDP-B6	6	5.00
SDP-B7	6	12.72
SDP-B8	6	5.00
SDP-B9	6	6.51
SDP-B10	6	24.68

STORM SYSTEM B PIPES		
Pipe Name	Size	Length
SDP-B11	6	10.00
SDP-B12	6	24.68
SDP-B13	6	30.40
SDP-B14	6	7.31
SDP-B15	6	5.00
SDP-B17	6	33.36
SDP-B18	6	7.31
SDP-B19	6	5.00
SDP-B20	6	34.48
SDP-B21	6	7.31

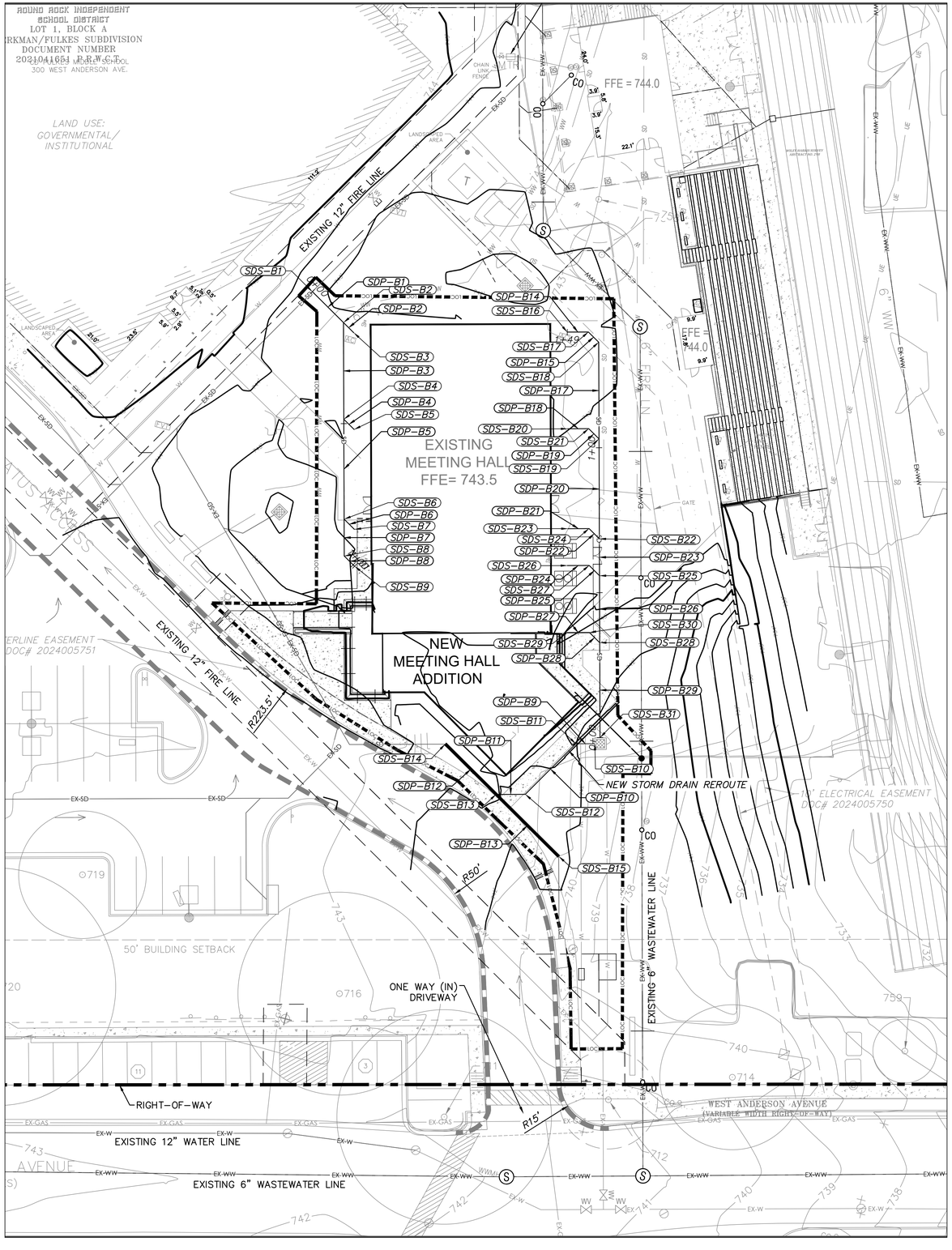
STORM SYSTEM B PIPES		
Pipe Name	Size	Length
SDP-B22	6	5.00
SDP-B23	6	12.72
SDP-B24	6	7.55
SDP-B25	6	5.00
SDP-B26	6	23.12
SDP-B27	6	7.81
SDP-B28	6	5.00
SDP-B29	6	32.73

NOTE: CONTRACTOR TO FIELD VERIFY EXISTING STORM DRAIN LINES, MINIMUM SLOPE SHALL BE 0.50%

STORM SYSTEM B CONNECTIONS	
Structure Name	Structure Details
SDS-B1	CONNECT TO EXISTING STORM LINE FL=732.99 FG AT STRUCTURE LOCATION: 743.36' SDP-B1 INV IN = 734.57
SDS-B2	INSTALL: 6"x6" 45° WYE INSTALL: CLEANOUT FG AT STRUCTURE LOCATION: 743.43' SDP-B3 INV IN = 738.05 SDP-B1 INV OUT = 732.99 SDP-B2 INV OUT = 734.57
SDS-B3	INSTALL: 45 DEGREE BEND REFER TO MEP FOR CONTINUATION FG AT STRUCTURE LOCATION: 743.45' SDP-B2 INV IN = 743.50
SDS-B4	INSTALL: 6"x6" 45° WYE FG AT STRUCTURE LOCATION: 743.08' SDP-B5 INV IN = 741.65 SDP-B4 INV IN = 743.50 SDP-B3 INV OUT = 734.57
SDS-B5	INSTALL: 45 DEGREE BEND REFER TO MEP FOR CONTINUATION FG AT STRUCTURE LOCATION: 743.14' SDP-B4 INV OUT = 738.05
SDS-B6	INSTALL: 6"x6" 45° WYE FG AT STRUCTURE LOCATION: 743.40' SDP-B7 INV IN = 742.48 SDP-B6 INV IN = 743.50 SDP-B5 INV OUT = 738.05
SDS-B7	INSTALL: 45 DEGREE BEND REFER TO MEP FOR CONTINUATION FG AT STRUCTURE LOCATION: 743.07' SDP-B6 INV OUT = 741.65
SDS-B8	INSTALL: 6" 45° BEND FG AT STRUCTURE LOCATION: 742.87' SDP-B8 INV IN = 743.50 SDP-B7 INV OUT = 741.15
SDS-B9	INSTALL: 45 DEGREE BEND REFER TO MEP FOR CONTINUATION FG AT STRUCTURE LOCATION: 743.10' SDP-B8 INV OUT = 742.98
SDS-B10	CONNECT TO EXISTING GRATE INLET FL=737.5 FG AT STRUCTURE LOCATION: 741.33' SDP-B9 INV OUT = 737.50
SDS-B11	INSTALL: 6" 45° BEND FG AT STRUCTURE LOCATION: 742.02' SDP-B9 INV IN = 736.14 SDP-B10 INV OUT = 736.14

STORM SYSTEM B CONNECTIONS	
Structure Name	Structure Details
SDS-B12	INSTALL: 6" 45° BEND FG AT STRUCTURE LOCATION: 742.67' SDP-B10 INV IN = 735.86 SDP-B11 INV OUT = 735.86
SDS-B13	INSTALL: 6"x6" 45° WYE FG AT STRUCTURE LOCATION: 743.04' SDP-B11 INV IN = 735.74 SDP-B13 INV IN = 735.74 SDP-B12 INV OUT = 735.74
SDS-B14	CONNECT TO EXISTING STORM LINE INSTALL: 6" 45° WYE FL=735.46' FG AT STRUCTURE LOCATION: 743.21' SDP-B12 INV IN = 735.46
SDS-B15	INSTALL 45 DEGREE BEND CONNECT TO EXISTING 18" PIPE FL=736.56 FG AT STRUCTURE LOCATION: 742.10' SDP-B13 INV OUT = 736.56
SDS-B16	REFER TO MEP FOR CONTINUATION FG AT STRUCTURE LOCATION: 742.64' SDP-B14 INV IN = 743.50
SDS-B17	INSTALL: 6" 45° BEND FG AT STRUCTURE LOCATION: 742.63' SDP-B15 INV IN = 743.21 SDP-B14 INV OUT = 743.21
SDS-B18	INSTALL: 6" 45° BEND FG AT STRUCTURE LOCATION: 742.87' SDP-B17 INV IN = 743.00 SDP-B15 INV OUT = 743.00
SDS-B19	INSTALL: 6"x6" 45° WYE FG AT STRUCTURE LOCATION: 743.18' SDP-B20 INV IN = 741.66 SDP-B17 INV OUT = 741.66 SDP-B19 INV OUT = 741.71
SDS-B20	REFER TO MEP FOR CONTINUATION FG AT STRUCTURE LOCATION: 742.99' SDP-B18 INV IN = 741.83
SDS-B21	INSTALL: 6" 45° BEND FG AT STRUCTURE LOCATION: 743.14' SDP-B19 INV IN = 741.76 SDP-B18 INV OUT = 741.76
SDS-B22	INSTALL: 6"x6" 45° WYE FG AT STRUCTURE LOCATION: 743.19' SDP-B23 INV IN = 740.27 SDP-B22 INV IN = 740.32 SDP-B20 INV OUT = 740.27

STORM SYSTEM B CONNECTIONS	
Structure Name	Structure Details
SDS-B23	REFER TO MEP FOR CONTINUATION FG AT STRUCTURE LOCATION: 743.17' SDP-B21 INV OUT = 740.32
SDS-B24	INSTALL: 6" 45° BEND FG AT STRUCTURE LOCATION: 743.18' SDP-B21 INV IN = 740.39 SDP-B22 INV OUT = 740.27
SDS-B25	INSTALL: 6"x6" 45° WYE FG AT STRUCTURE LOCATION: 743.09' SDP-B26 INV IN = 739.75 SDP-B25 INV IN = 739.80 SDP-B23 INV OUT = 739.75
SDS-B26	REFER TO MEP FOR CONTINUATION FG AT STRUCTURE LOCATION: 743.16' SDP-B24 INV OUT = 739.80
SDS-B27	INSTALL: 6" 45° BEND FG AT STRUCTURE LOCATION: 743.16' SDP-B24 INV IN = 739.88 SDP-B25 INV OUT = 739.75
SDS-B28	INSTALL: 6"x6" 45° WYE INSTALL: CLEANOUT FG AT STRUCTURE LOCATION: 742.87' SDP-B29 INV IN = 738.82 SDP-B28 INV IN = 738.87 SDP-B26 INV OUT = 738.82
SDS-B29	REFER TO MEP FOR CONTINUATION FG AT STRUCTURE LOCATION: 743.02' SDP-B27 INV OUT = 738.87
SDS-B30	INSTALL: 6" 45° BEND FG AT STRUCTURE LOCATION: 742.93' SDP-B27 INV IN = 738.95 SDP-B28 INV OUT = 738.82
SDS-B31	CONNECT TO EXISTING GRATE INLET FL=737.5 FG AT STRUCTURE LOCATION: 741.25' SDP-B29 INV OUT = 737.50



REVISIONS		
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STORM PLAN 2 OF 2

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ROUND ROCK, TEXAS

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
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[TXENG FIRM F-1114]

10/24/2025

STATE OF TEXAS
GILBERTO MOTA
146585
LICENSED
PROFESSIONAL ENGINEER

JOB NO.	B013728.001
DESIGNED BY:	#
DRAWN BY:	#
CHECKED BY:	######
DATE:	10/24/25
SHEET:	C10.03

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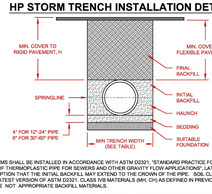
PLOTTED BY = Gilberto Mota
PLOTTED ON = Friday, October 24, 2025

SDP 25-00030

HP STORM TRENCH INSTALLATION DETAIL



NOTES:

1. ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS", LATEST ADDITION, WITH THE EXCEPTION THAT THE INITIAL BACKFILL MAY EXTEND TO THE CROWN OF THE PIPE. SOIL CLASSIFICATIONS ARE PER THE LATEST VERSION OF ASTM D2321. CLASS IVB MATERIALS (MH, CH) AS DEFINED IN PREVIOUS VERSIONS OF ASTM D2321 ARE NOT APPROPRIATE BACKFILL MATERIALS.
2. MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL, WHEN REQUIRED.
3. FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER. AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
4. BEDDING: SUITABLE MATERIAL SHALL BE CLASS I, II, III, OR IV. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. COMPACTION SHALL BE SPECIFIED BY THE ENGINEER IN ACCORDANCE WITH TABLE 3 FOR THE APPLICABLE FILL HEIGHTS LISTED. UNLESS OTHERWISE NOTED BY THE ENGINEER, MINIMUM BEDDING THICKNESS SHALL BE 4" (100mm) FOR 12"-24" (300mm-600mm) DIAMETER PIPE, 6" (150mm) FOR 30"-60" (750mm-1500mm) DIAMETER PIPE. THE MIDDLE 1/3 BENEATH THE PIPE INVERT SHALL BE LOOSELY PLACED. PLEASE NOTE, CLASS IV MATERIAL HAS LIMITED APPLICATION AND CAN BE DIFFICULT TO PLACE AND COMPACT. USE ONLY WITH THE APPROVAL OF A SOIL EXPERT.
5. INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II, III, OR IV IN THE PIPE ZONE (EXTENDING TO THE CROWN OF THE PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION. COMPACTION SHALL BE SPECIFIED BY THE ENGINEER IN ACCORDANCE WITH TABLE 3 FOR THE APPLICABLE FILL HEIGHTS LISTED. PLEASE NOTE, CLASS IV MATERIAL HAS LIMITED APPLICATION AND CAN BE DIFFICULT TO PLACE AND COMPACT. USE ONLY WITH THE APPROVAL OF A SOIL EXPERT.
6. MINIMUM COVER: MINIMUM COVER, H, IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREAS) IS 12" (300mm) FROM THE TOP OF PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOTATION. FOR TRAFFIC APPLICATIONS, CLASS I OR II MATERIAL COMPACTED TO 90% SPD AND CLASS III COMPACTED TO 95% SPD IS REQUIRED. FOR TRAFFIC APPLICATIONS, MINIMUM COVER, H, IS 12" (300mm) UP TO 48" (1200mm) DIAMETER PIPE AND 24" (600mm) OF COVER FOR 60" (1500mm) DIAMETER PIPE, MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT.
7. FOR ADDITIONAL INFORMATION SEE TECHNICAL NOTE 2.04.

TABLE 1, RECOMMENDED MINIMUM TRENCH WIDTHS

PIPE DIAM.	MIN. TRENCH WIDTH
12" (300mm)	36" (762mm)
15" (375mm)	39" (864mm)
18" (450mm)	42" (991mm)
24" (600mm)	48" (1219mm)
30" (750mm)	54" (1422mm)
36" (900mm)	64" (1626mm)
48" (1200mm)	78" (1981mm)
60" (1500mm)	90" (2286mm)

TABLE 2, MINIMUM RECOMMENDED COVER BASED ON VEHICLE LOADING CONDITIONS

PIPE DIAM.	SURFACE LIVE LOADING CONDITION	
	H-25	HEAVY CONSTRUCTION (707 AXLE LOAD)*
12" - 48" (300mm - 1200mm)	12" (300mm)	48" (1219mm)
60" (1500mm)	24" (600mm)	72" (1828mm)

*VEHICLES IN EXCESS OF 707 MAY REQUIRE ADDITIONAL COVER

TABLE 3, MAXIMUM COVER FOR ADS HP STORM PIPE, ft

	CLASS I		CLASS II		CLASS III		CLASS IV
PIPE DIA.	COMPACTED	95%	90%	85%	95%	90%	95%
12" (300mm)	41 (12.5m)	28 (8.5m)	21 (6.4m)	18 (5.5m)	20 (6.1m)	16 (4.9m)	16 (4.9m)
15" (375mm)	42 (12.8m)	29 (8.8m)	21 (6.4m)	18 (5.5m)	21 (6.4m)	16 (4.9m)	16 (4.9m)
18" (450mm)	44 (13.4m)	30 (9.1m)	21 (6.4m)	18 (5.5m)	22 (6.7m)	17 (5.2m)	16 (4.9m)
24" (600mm)	30 (9.1m)	21 (6.4m)	15 (4.6m)	11 (3.4m)	16 (4.9m)	11 (3.4m)	11 (3.4m)
30" (750mm)	39 (11.9m)	27 (8.2m)	19 (5.8m)	14 (4.3m)	19 (5.8m)	15 (4.6m)	14 (4.3m)
36" (900mm)	28 (8.5m)	20 (6.1m)	14 (4.3m)	10 (3.0m)	14 (4.3m)	11 (3.4m)	10 (3.0m)
42" (1050mm)	29 (8.9m)	20 (6.4m)	14 (4.3m)	10 (3.0m)	14 (4.6m)	11 (3.4m)	10 (3.0m)
48" (1200mm)	29 (8.8m)	20 (6.1m)	14 (4.3m)	9 (2.7m)	14 (4.3m)	10 (3.0m)	10 (3.0m)
60" (1500mm)	29 (8.8m)	20 (6.1m)	14 (4.3m)	9 (2.7m)	14 (4.3m)	10 (3.0m)	9 (2.7m)

FILL HEIGHT TABLE GENERATED USING AASHTO SECTION 12, LOAD RESISTANCE FACTOR DESIGN (LRFD) PROCEDURE WITH THE FOLLOWING ASSUMPTIONS:
NO HYDROSTATIC PRESSURE
UNIT WEIGHT OF SOIL (γs) = 120 PCF

6	REV. MAXIMUM COVER HEIGHTS	RWD	01/11/17
REV.	DESCRIPTION	BY	MM/DD/YY

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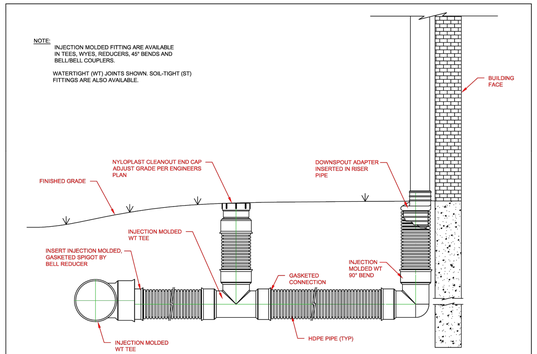
TRENCH INSTALLATION DETAIL (HP STORM)

DRAWING NUMBER: STD-101D

4640 TRUEMAN BLVD
HILLIARD, OHIO 43026

SIZE:	ANSI B
DATE:	01/11/17
SCALE:	NTS
SHEET:	1 OF 1



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2	FORMATTING UPDATES AND REWARD	TJR	03/07/18
REV.	DESCRIPTION	BY	MM/DD/YY

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ROOF DRAIN (TSS CLEANOUT)

DRAWING NUMBER: STD-1002

4640 TRUEMAN BLVD
HILLIARD, OHIO 43026

SIZE:	ANSI B
DATE:	03/15/18
SCALE:	NTS
SHEET:	1 OF 1

NO.	DATE	REVISIONS DESCRIPTION
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STORM PLAN DETAILS

DUNAWAY
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10/24/2025

STATE OF TEXAS
GILBERTO MOTA
146585
LICENSED PROFESSIONAL ENGINEER

JOB NO.	B013728.001
DESIGNED BY:	#
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CHECKED BY:	#####
DATE:	10/24/25
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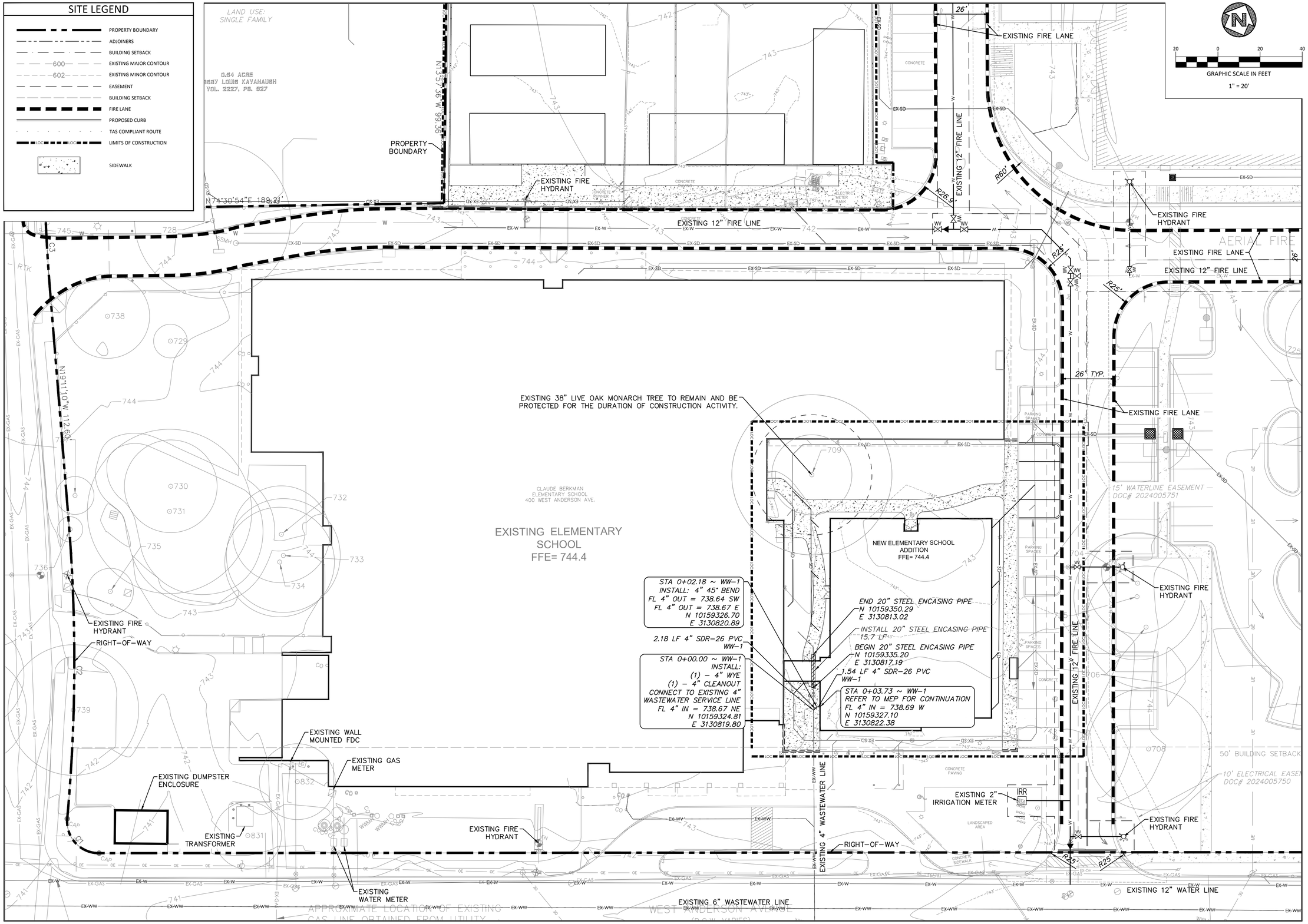
PLOTTED ON: Friday, October 24, 2025



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UTILITY PLAN 1 OF 2

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
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10/24/2025
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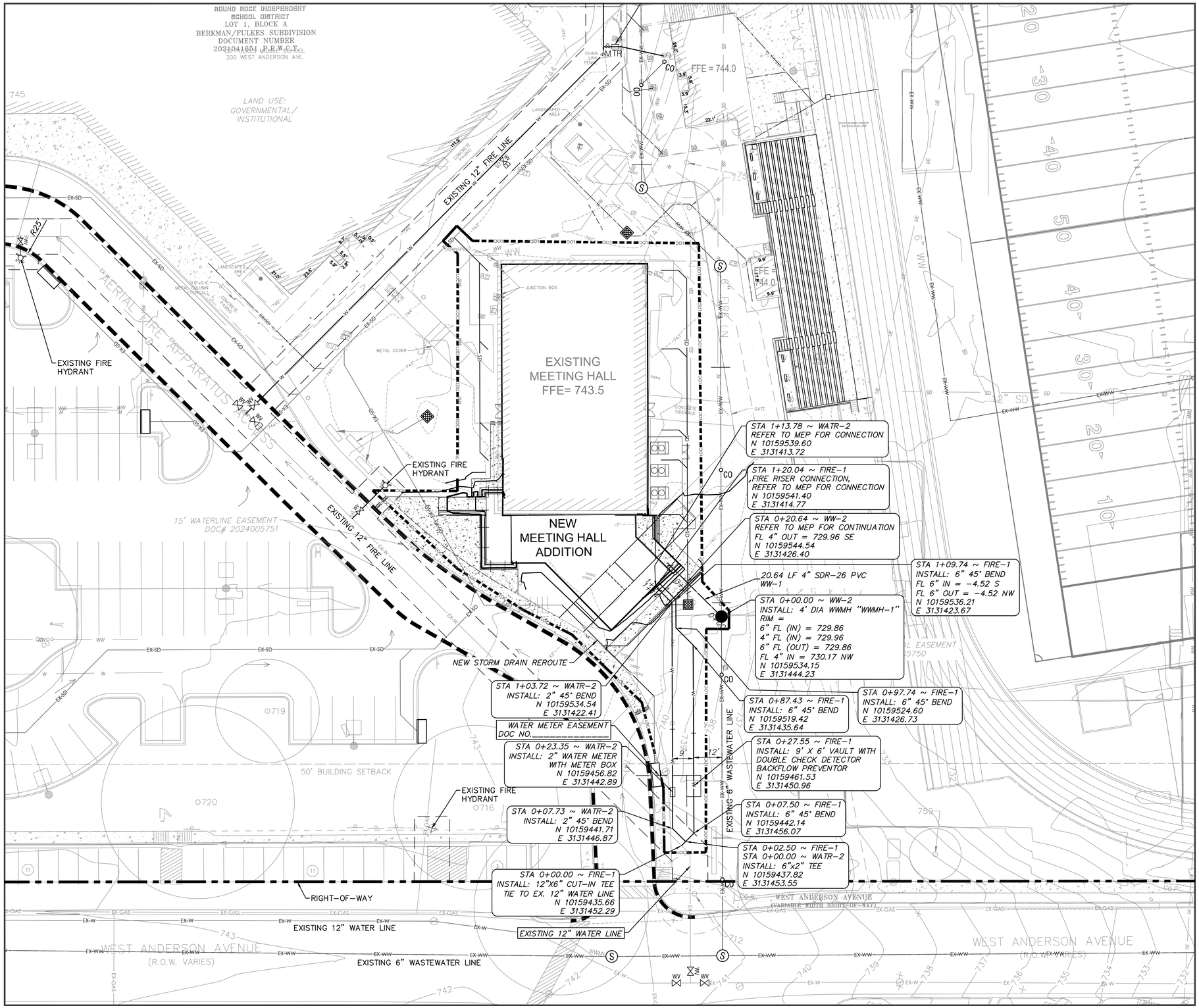
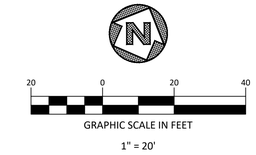
SDP 25-00030





SITE LEGEND

- PROPERTY BOUNDARY
- ADJOINERS
- BUILDING SETBACK
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EASEMENT
- BUILDING SETBACK
- FIRE LANE
- PROPOSED CURB
- TAS COMPLIANT ROUTE
- LIMITS OF CONSTRUCTION
- SIDEWALK
- PROPOSED WATER LINE
- PROPOSED WASTEWATER LINE
- PROPOSED MANHOLE

REVISIONS

NO.	DATE	DESCRIPTION
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UTILITY PLAN 2 OF 2

DUNAWAY
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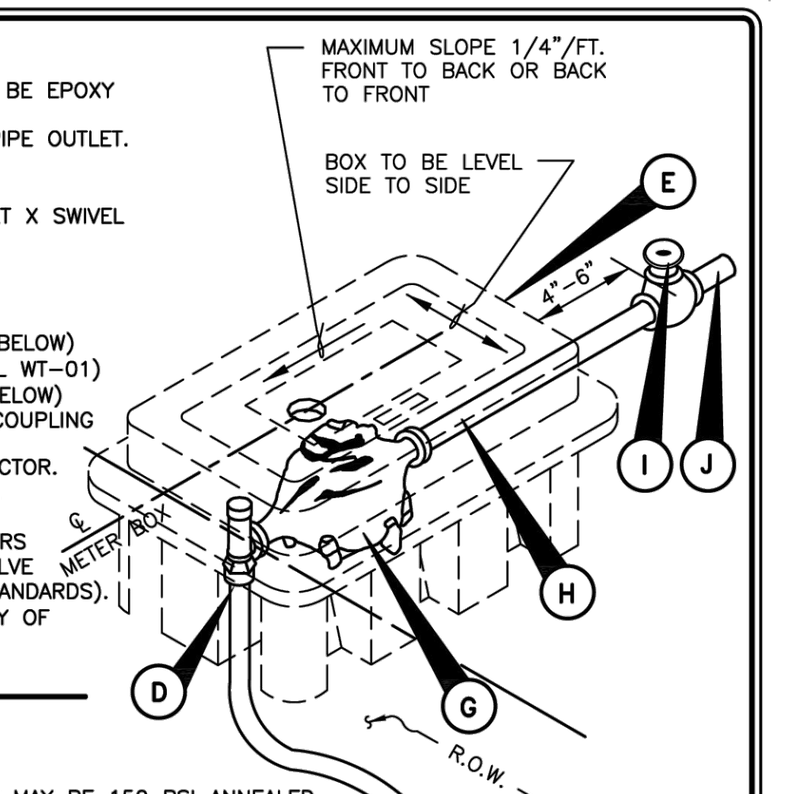
SDP 25-00030

UTILITY DETAILS



MATERIAL LIST:

A. SERVICE SADDLE REQUIRED. SERVICE SADDLE TO BE EPOXY COATED WITH DUAL STAINLESS STEEL BANDS.
B. 1 1/2" OR 2" CORPORATION STOP – SERVICE PIPE OUTLET. (SEE NOTE #2)
C. 1 1/2" OR 2" SERVICE PIPE.
D. LOCKING ANGLE METER STOP; SERVICE PIPE INLET X SWIVEL COUPLING NUT OUTLET:
- FOR 1 1/2" METERS: 1 1/2" X 1 1/2"
- FOR 2" METERS: 2" X 2"
- SEE NOTE #2

E. PLASTIC RECTANGULAR METER BOX. (SEE TABLE BELOW)
F. PIPE CASING WHERE APPLICABLE. (AS PER DETAIL WT-01)
G. WATER METER, CENTERED IN BOX. (SEE TABLE BELOW)
H. WATER METER COUPLING; MALE I.P.T. X SWIVEL COUPLING NUT:
- LENGTH OF PIPE TO BE DETERMINED BY CONTRACTOR.
- EXTEND PIPE TO 4"-6" OUTSIDE OF METER BOX.

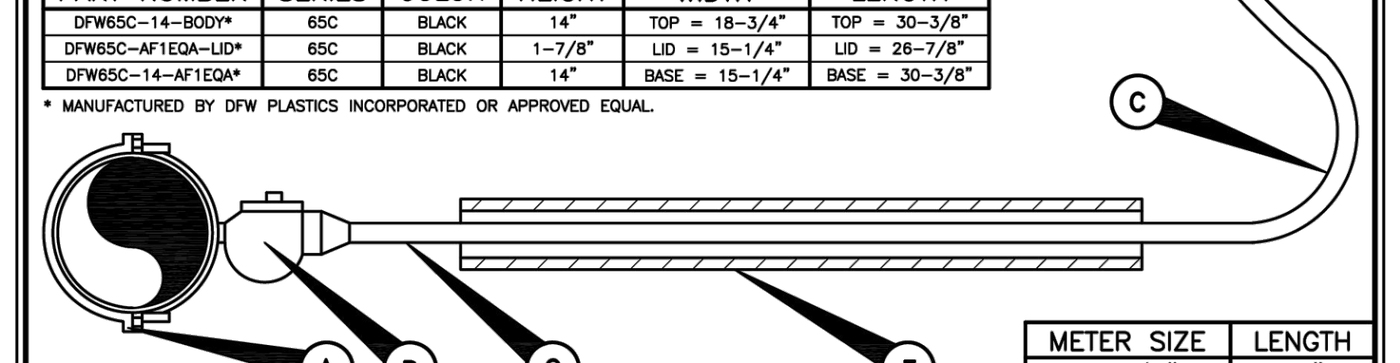
I. BRONZE GATE VALVE: NON-RISING STEM (1 1/2" OR 2") FEMALE I.P.T. (PROPERTY OWNERS CUT-OFF OUTSIDE METER BOX IN SEPARATE VALVE CAN WITH LID AS PER CITY OF ROUND ROCK STANDARDS).
J. BUSHING (IF NECESSARY) AND PIPE MEETING CITY OF ROUND ROCK PLUMBING CODE REQUIREMENTS.

NOTES:

1. SERVICE PIPE SHALL BE COPPER TUBE SIZE. IT MAY BE 150 PSI ANNEALED SEAMLESS TYPE "K" COPPER TUBING OR 200 PSI BLACK COLORED POLYETHYLENE HAVING A DIMENSION RATIO OF 9 (DR9).
2. ALL STAINLESS STEEL INSERTS THAT COME WITH COMPRESSION FITTINGS SHALL NOT BE USED ON ANY CONNECTIONS.
3. SERVICE SADDLES SHALL BE WRAPPED COMPLETELY WITH 8 MIL. POLYETHYLENE FILM.
4. TOP OF BOXES SHALL BE 1" ABOVE FINISHED GRADE.
5. PIPING AND TUBING SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 510.3 OF THE STANDARD SPECIFICATIONS. SPECIAL ATTENTION IS CALLED TO "PIPE BEDDING ENVELOPE" AND "BACKFILLING", SECTIONS 510.3 (14) AND 510.3 (25), RESPECTIVELY.
6. AXIS OF METER ASSEMBLY (LINE THROUGH METER STOP, METER, PIPING AND OWNERS CUTOFF) SHALL BE 10" BELOW TOP OF BOX.
7. SLOTS PROVIDED IN METER BOX TO ACCOMODATE PIPING INTO AND OUT OF BOX, SHALL NOT BE MODIFIED.
8. LOCATION OF METER BOXES SHALL BE SUBJECT TO THE APPROVAL OF THE C.O.R.R.

PART NUMBER	SERIES	COLOR	HEIGHT	WIDTH	LENGTH
DFW65C-14-BODY*	65C	BLACK	14"	TOP = 18-3/4"	TOP = 30-3/8"
DFW65C-AF1EQA-LID*	65C	BLACK	1-7/8"	LID = 15-1/4"	LID = 26-7/8"
DFW65C-14-AF1EQA*	65C	BLACK	14"	BASE = 15-1/4"	BASE = 30-3/8"

* MANUFACTURED BY DFW PLASTICS INCORPORATED OR APPROVED EQUAL.

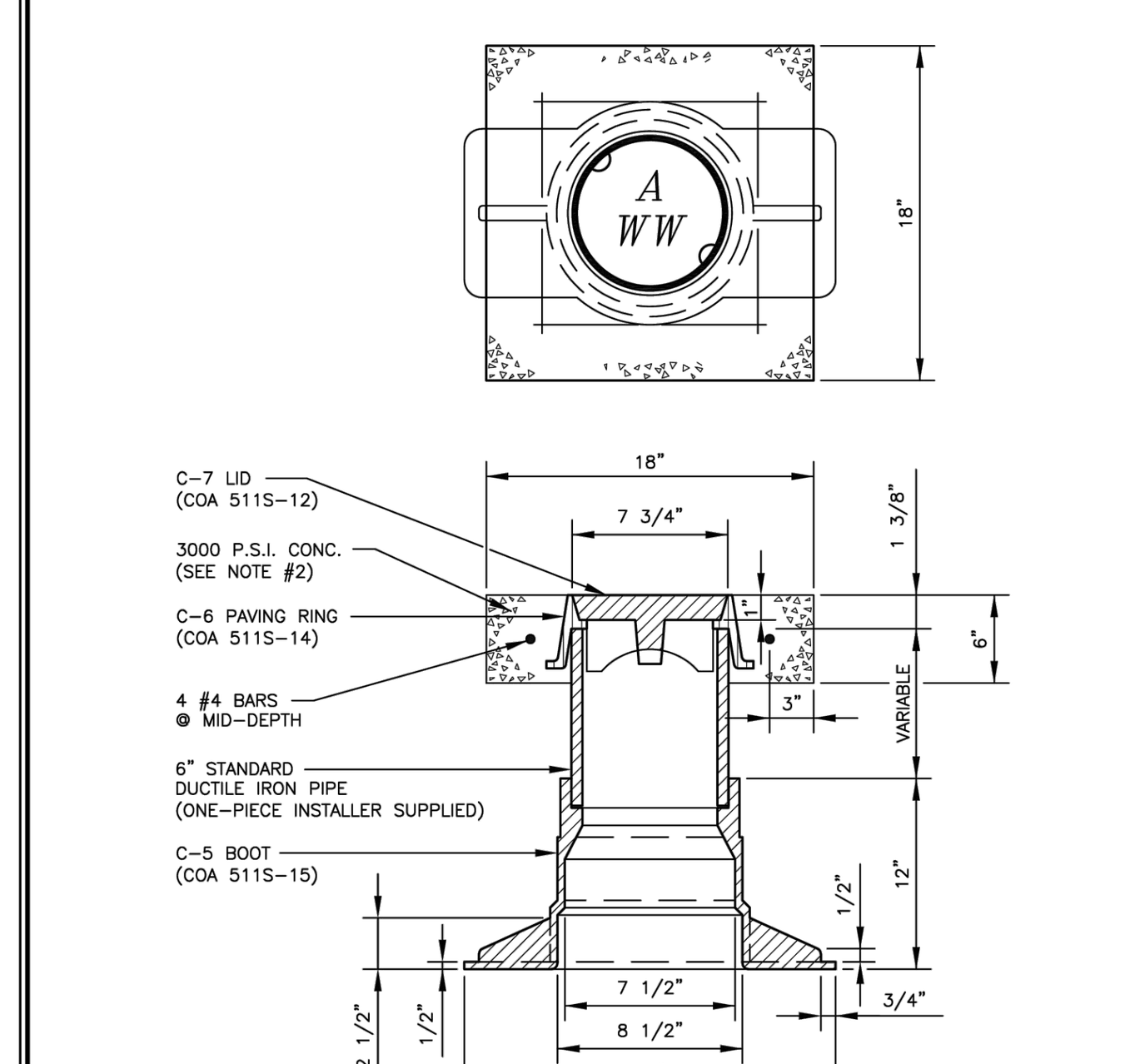


METER SIZE	LENGTH
1-1/2"	13"
2"	17"

RECORD SIGNED COPY ON FILE AT U&ES DEPARTMENT
APPROVED 03-01-18 DATE
THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR THE APPROPRIATE USE OF THIS DETAIL. (NOT TO SCALE)

CITY OF ROUND ROCK — DRAWING NO: WT-03

SINGLE 1-1/2" OR 2" WATER METER DETAIL



NOTES:

1. NUMBERED CASTINGS STANDARDS SHOWN IN PARENTHESES ARE REFERENCES TO THE CITY OF AUSTIN STANDARDS CRITERIA MANUAL.
2. DELETE CONCRETE AND REBAR WHEN VALVE IS WITHIN PAVED STREET.

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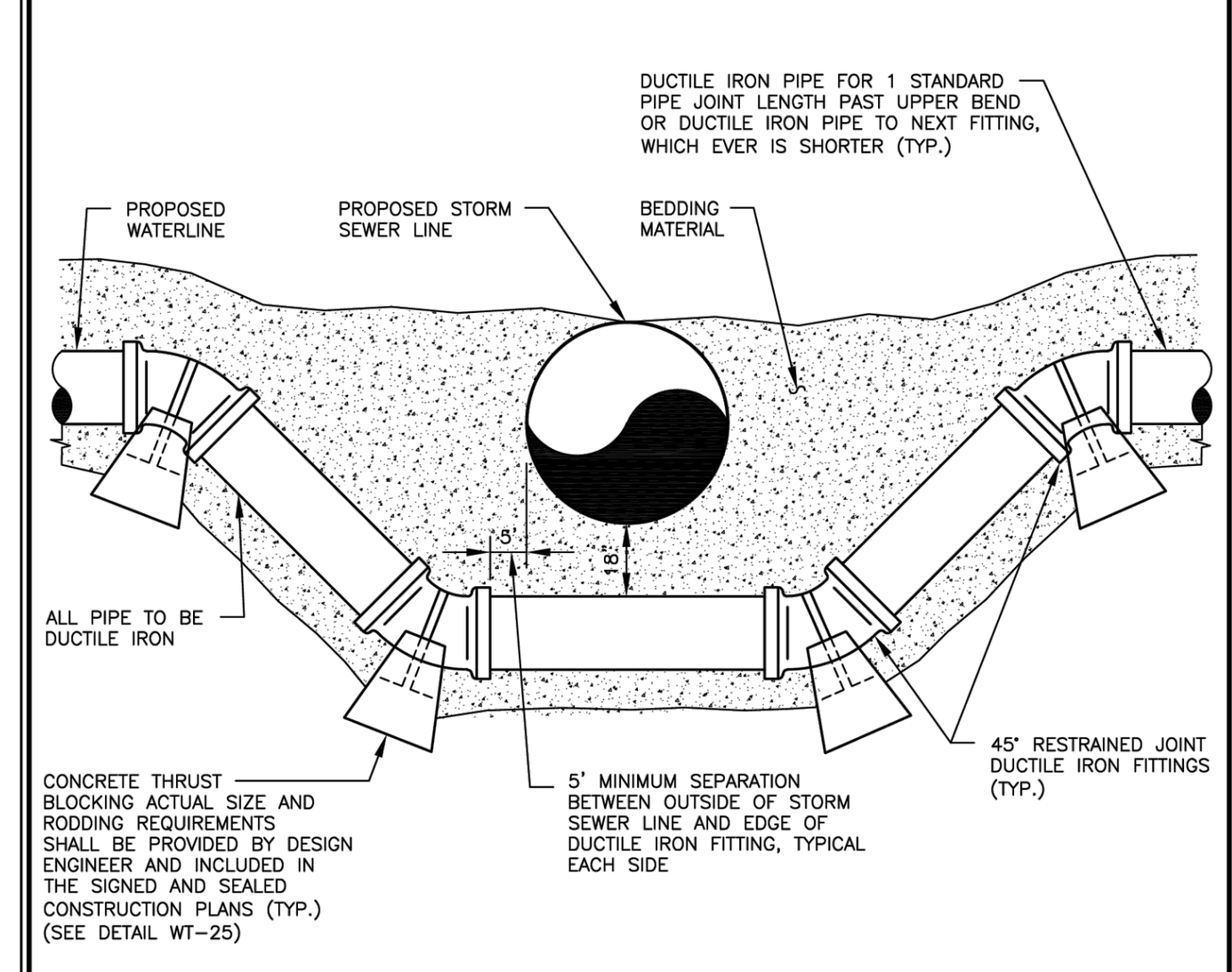
CITY OF ROUND ROCK — DRAWING NO: WT-06

VALVE BOX ASSEMBLY DETAIL



NOTES:

1. THIS DETAIL IS TO BE USED FOR THE LOWERING OF PROPOSED WATERLINES ONLY.
2. ALL DUCTILE IRON PIPE AND FITTINGS SHALL BE WRAPPED WITH MINIMUM 8 MIL POLYETHYLENE (BLACK POLY) AND OPEN ENDS/SEAMS SEALED WITH DUCT TAPE.
3. ALL FITTINGS SHALL HAVE RESTRAINED JOINTS AND BLOCKED WITH CONCRETE BLOCKING.
4. CASING PIPE SHALL BE PROVIDED FOR ALL PROPOSED WATERLINES INSTALLED UNDER STORM SEWER LINES 36" DIAMETER AND LARGER.

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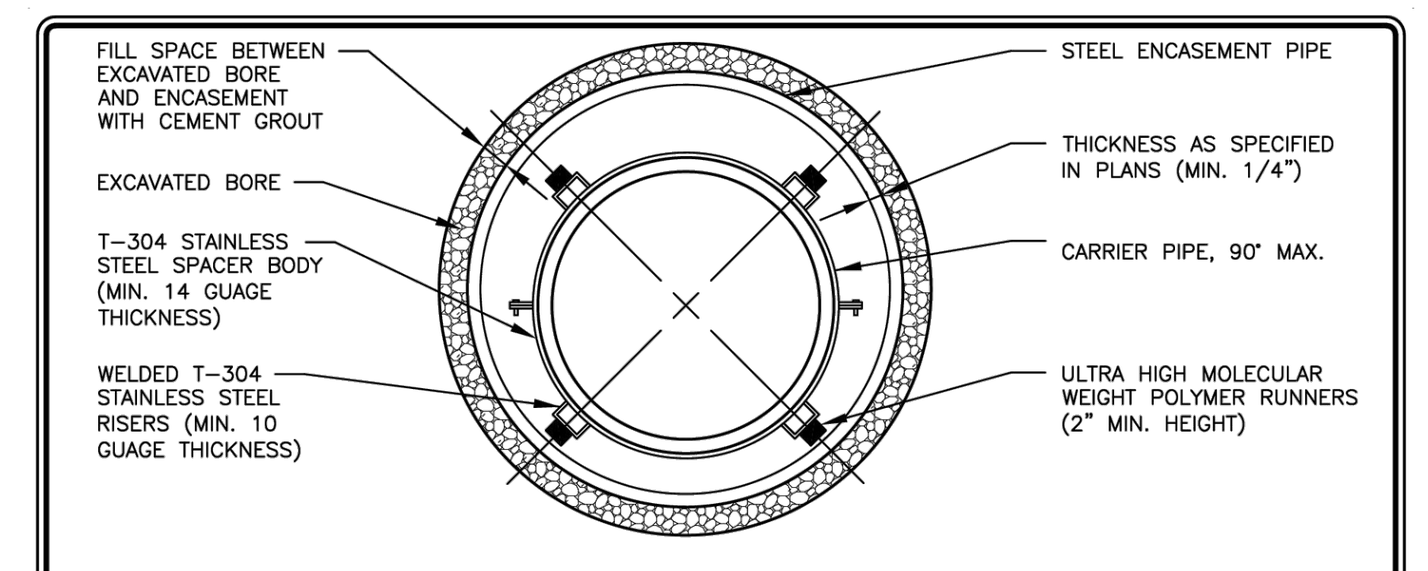
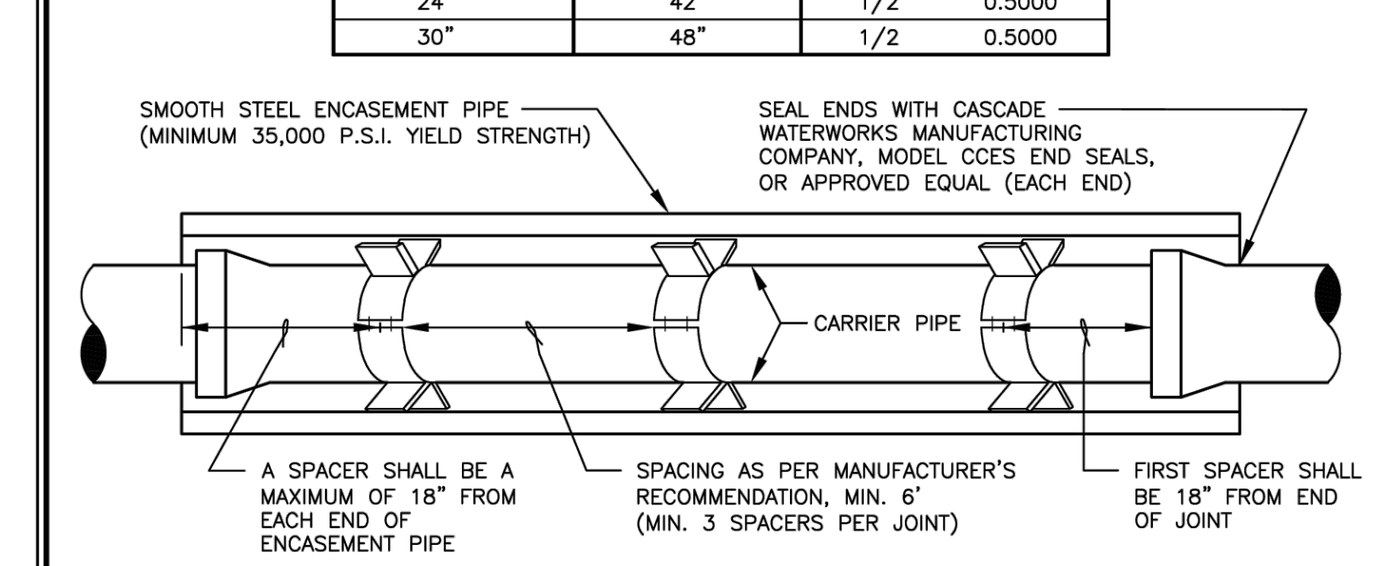
CITY OF ROUND ROCK — DRAWING NO: WT-09

WATERLINE AND STORM SEWER LINE CROSSING DETAIL (TYPE 1)



PIPE SIZE-CARRIER (DIAMETER)	PIPE SIZE-CASING (DIAMETER) (MIN.)	MINIMUM PIPE THICKNESS (INCHES)	
6"	16"	1/4	0.2500
8"	18"	1/4	0.2500
10"	20"	5/16	0.3125
12" ~ 14"	24"	3/8	0.3750
16" ~ 18"	30"	7/16	0.4375
20"	36"	1/2	0.5000
24"	42"	1/2	0.5000
30"	48"	1/2	0.5000



NOTES:

1. CASING SPACER CONFIGURATION AND SPACING SHALL BE AS SHOWN ON MANUFACTURER'S DRAWINGS FOR SPECIFIC WORK; THESE MUST BE ACCEPTABLE TO THE CITY OF ROUND ROCK.
2. CASING SPACER SHALL BE AS MANUFACTURED BY CASCADE WATERWORKS MANUFACTURING COMPANY, MODEL CCS, OR APPROVED EQUAL.

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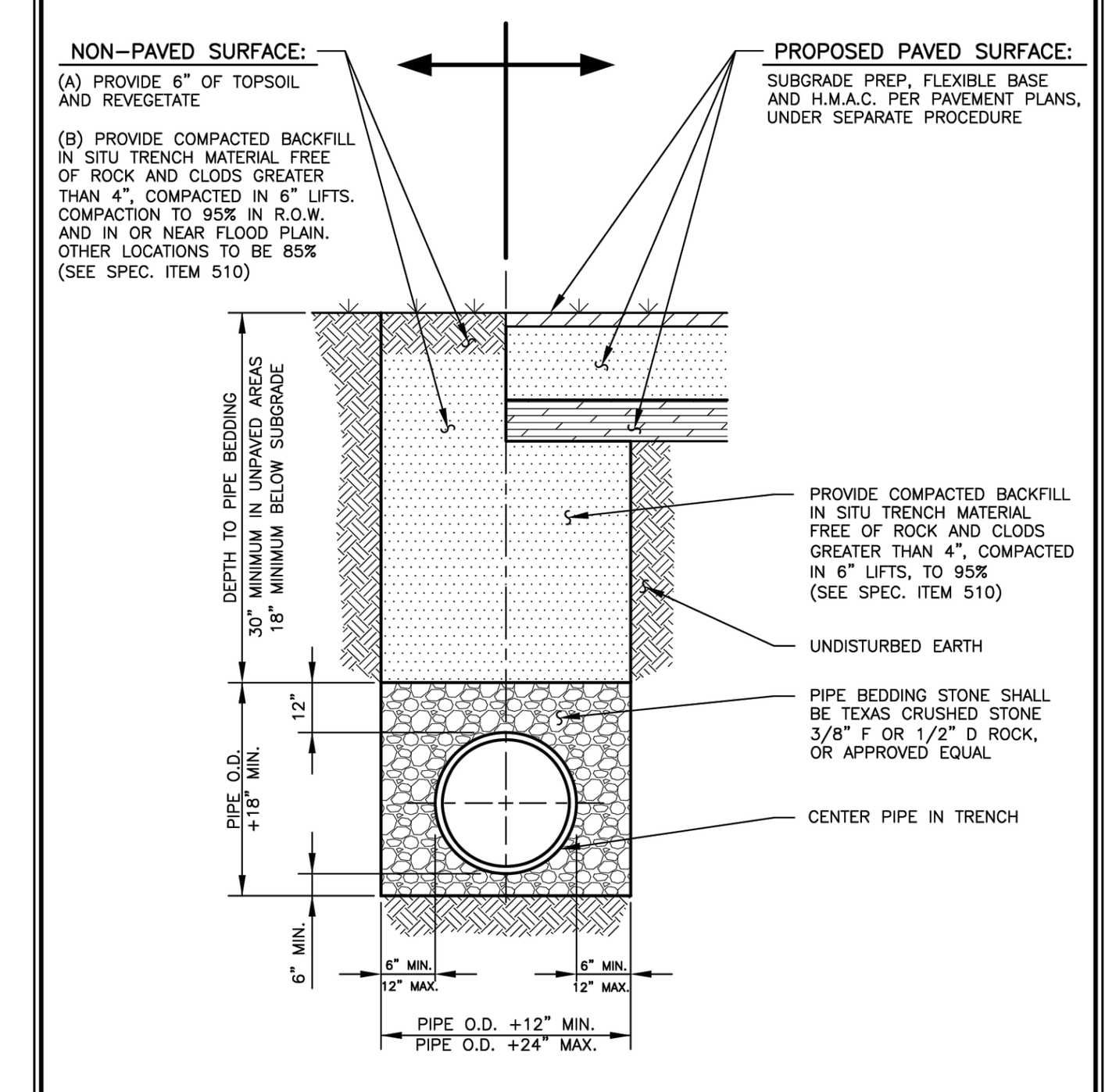
CITY OF ROUND ROCK — DRAWING NO: WT-16

PIPE ENCASEMENT DETAIL



NOTE:

1. ALL TRENCHING AND TRENCH SAFETY SHALL COMPLY WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

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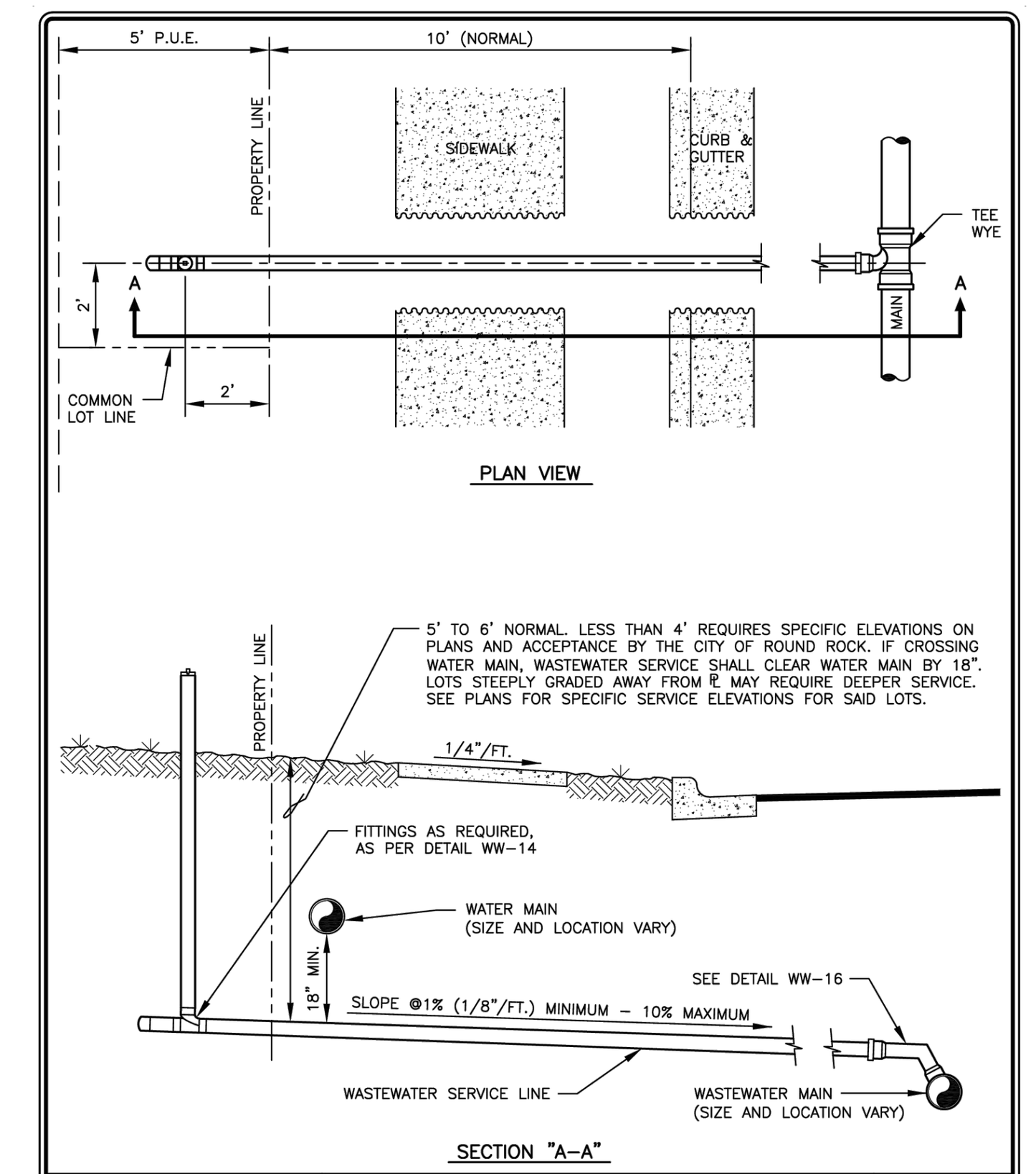
CITY OF ROUND ROCK — DRAWING NO: WT-08

WATERLINE BEDDING AND SURFACE REPAIR DETAIL (NON-PAVED & PROPOSED PAVED SURFACE)



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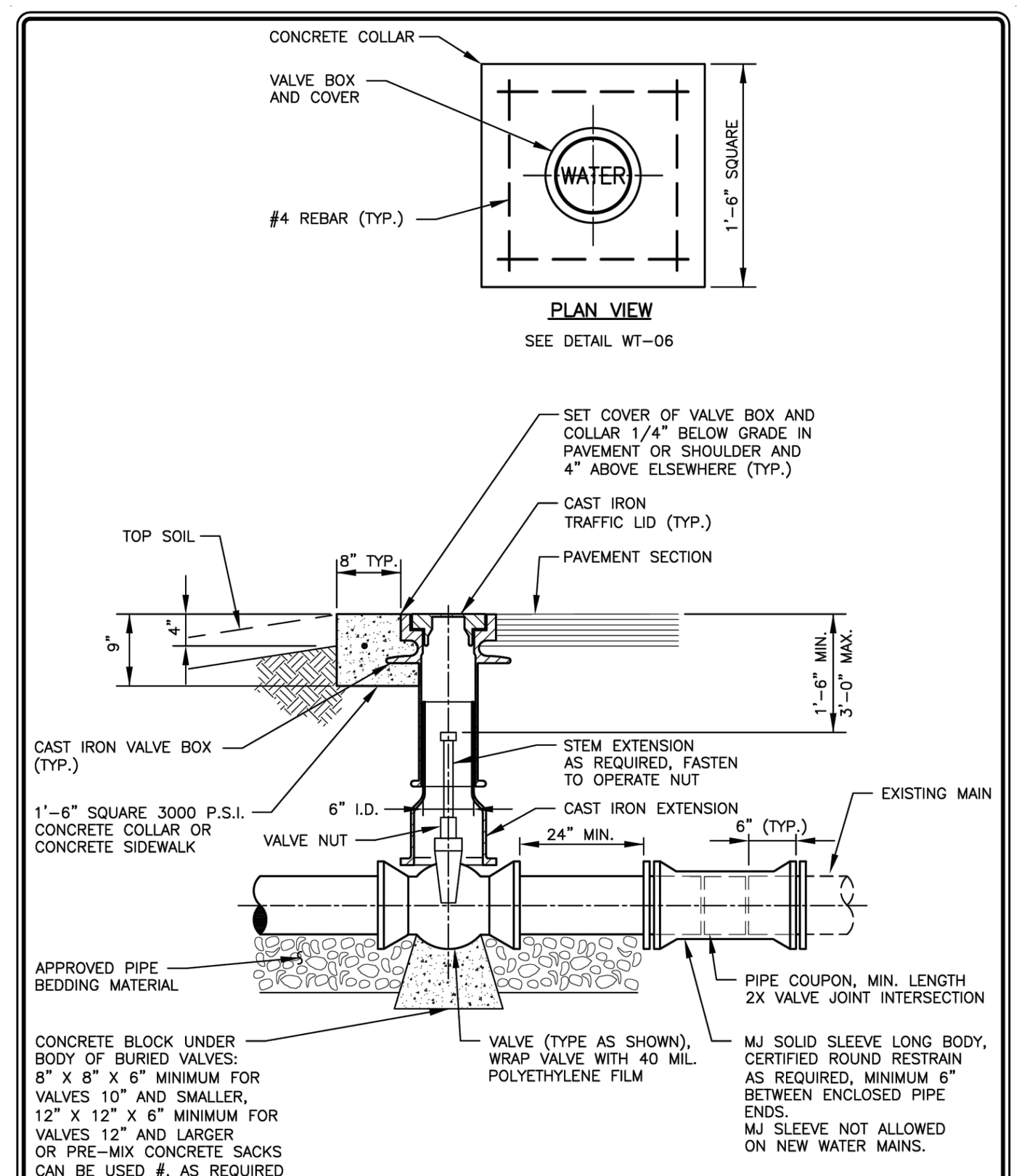
APPROVED 03-01-18 DATE
THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR THE APPROPRIATE USE OF THIS DETAIL. (NOT TO SCALE)

CITY OF ROUND ROCK — DRAWING NO: WW-12

WASTEWATER SERVICE DETAIL



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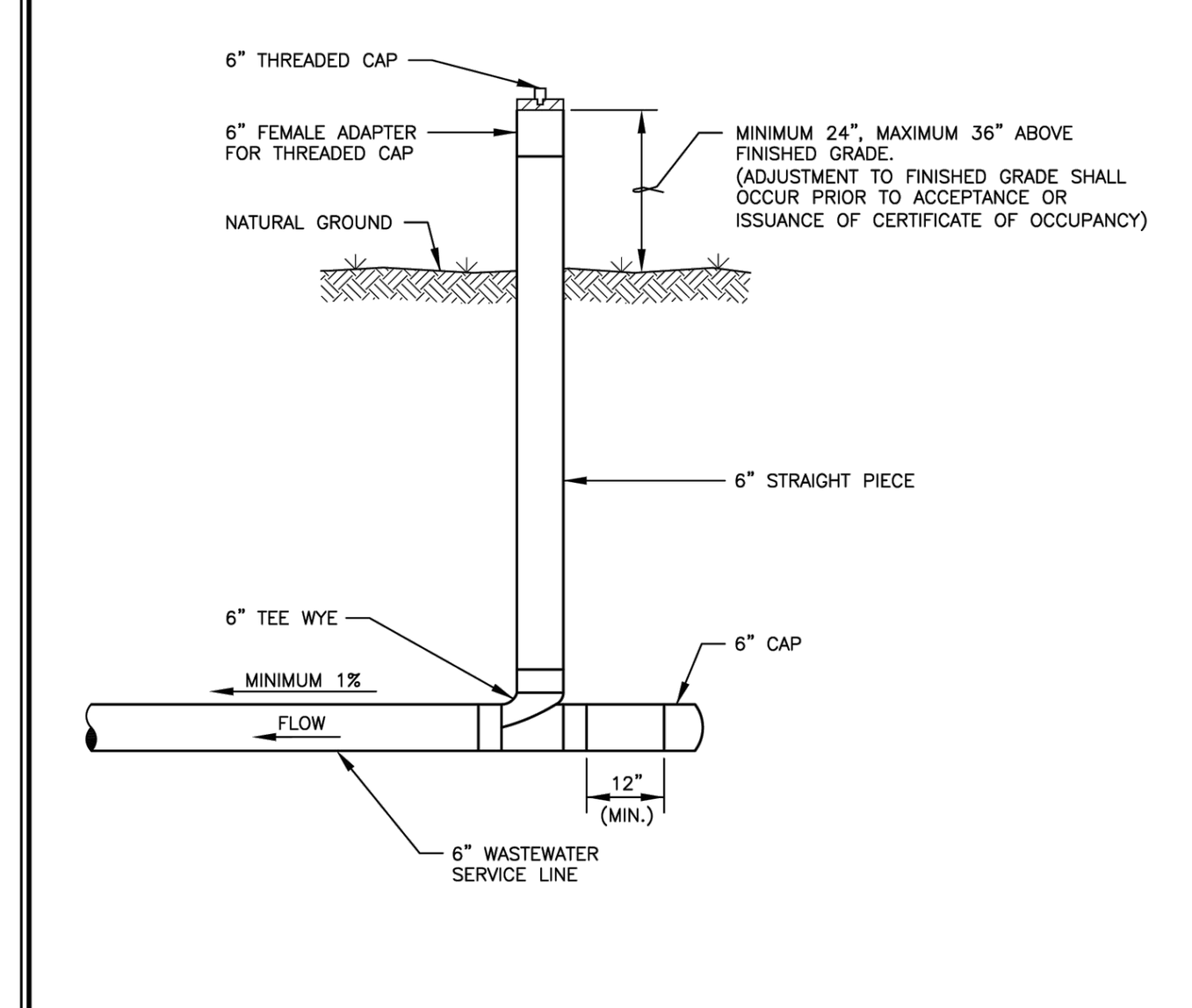
APPROVED 03-01-18 DATE
THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR THE APPROPRIATE USE OF THIS DETAIL. (NOT TO SCALE)

CITY OF ROUND ROCK — DRAWING NO: WT-22

GATE VALVE DETAIL



NOTES:

1. ALL PIPE TO BE SDR 26.
2. ALL FITTINGS TO BE SDR 35 SOLVENT WELD FITTINGS.

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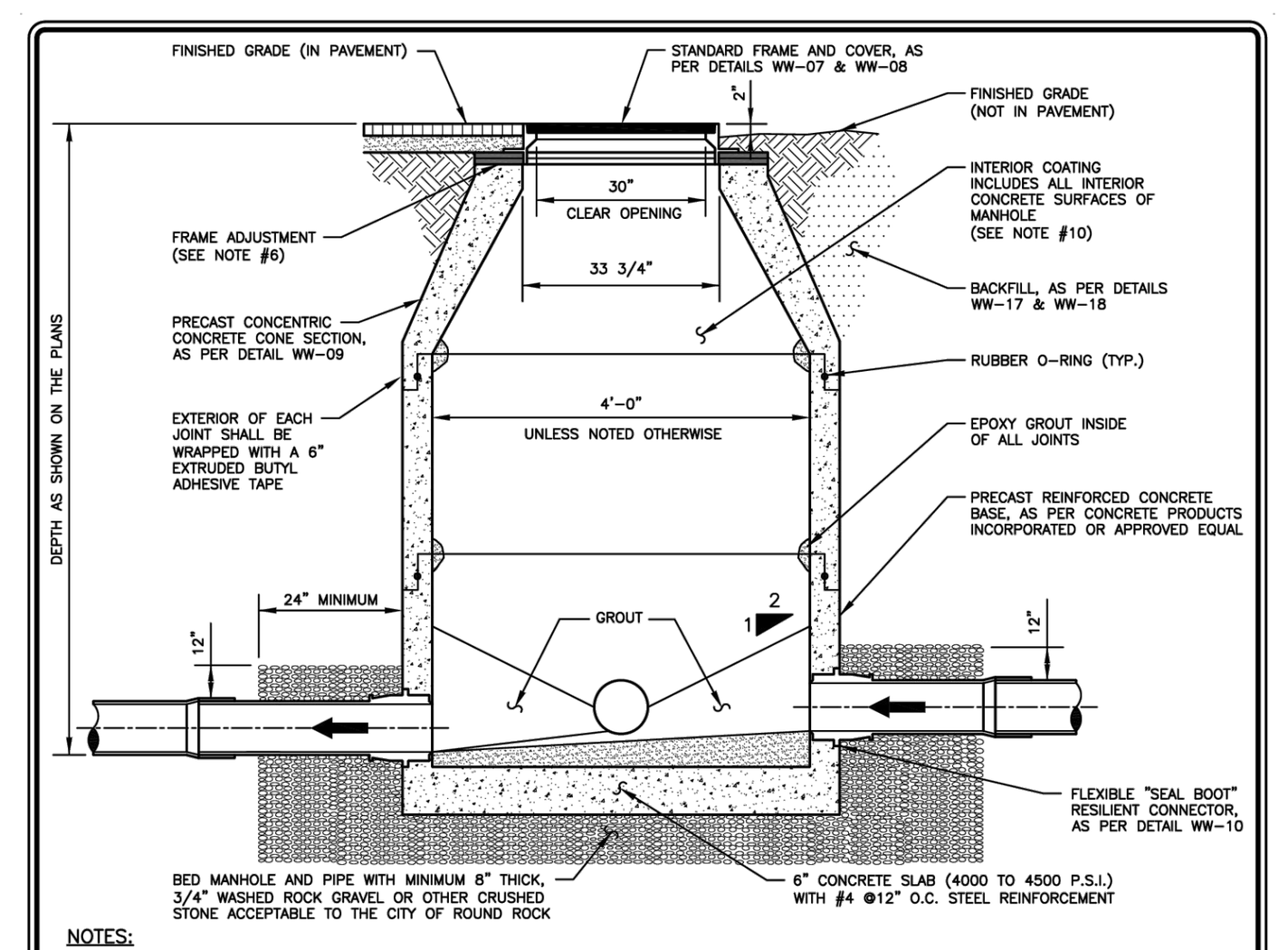
APPROVED 03-01-18 DATE
THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR THE APPROPRIATE USE OF THIS DETAIL. (NOT TO SCALE)

CITY OF ROUND ROCK — DRAWING NO: WW-14

WASTEWATER SERVICE CLEAN-OUT DETAIL (NON-PAVED SURFACE)



NOTES:

1. IF DROP IS SIX INCHES (6") TO TWO FEET (2'-0"), CONSTRUCTION OF DROP SHALL PROVIDE AN OVERSIZED INVERT TO EXTEND UNDER THE DROP CONNECTION.
2. SEE CONSTRUCTION PLANS FOR MANHOLE SIZE, LOCATION, CONFIGURATION, TYPE OF TOP SECTION, VENTING REQUIREMENTS, PIPE SIZES AND TYPES.
3. MANHOLES SHALL BE PRECAST A.S.T.M. C478 BELL AND SPIGOT WITH "O" RING JOINTS.
4. MANHOLES TO BE DESIGNED TO RESIST LATERAL AND VERTICAL SOIL FORCES RESULTING FROM MANHOLE DEPTH. ADDITIONALLY, MANHOLES LOCATED IN PAVEMENT TO BE DESIGNED FOR H20 TRAFFIC LOADING.
5. ALL MANHOLE COVERS SHALL BE BOLTED AND GASKETED, WHEN MANHOLES ARE LOCATED OUTSIDE OF PAVEMENT.
6. FRAME ADJUSTMENT HEIGHT SHALL CONSIST OF FIVE INCHES (5") MINIMUM TO EIGHTEEN INCHES (18") MAXIMUM. GRADE RINGS SHALL BE GROUTED WITH A NON-SHRINK GROUT INSIDE AND OUTSIDE. HDPE GRADE RINGS, MAY NOT BE USED.
7. FOR MANHOLES TO BE VENTED, SEE DETAILS WW-05 AND WW-06.
8. A FLOW CHANNEL SHALL BE CONSTRUCTED INSIDE MANHOLE TO DIRECT INFLUENT INTO THE FLOW STREAM. ALL P.V.C. PIPE SHALL BE REMOVED FROM INVERT.
9. BASE SECTION SHALL BE DESIGNED FOR H20 LOADING, PLUS EARTH LOAD AT 130 PCF.
10. ENTIRE INTERIOR CONCRETE SURFACES OF WASTEWATER MANHOLES TO BE COATED WITH RAVEN 405, SPRAYWALL, OR APPROVED EQUAL, (WITH A UNIFORM THICKNESS OF 124 MILS AND A MINIMUM THICKNESS OF 100 MILS, APPLIED AFTER MANHOLE HAS PASSED THE VACUUM TEST). FOR REHABILITATING MANHOLES 1/2" MINIMUM THICKNESS CALCIUM ALUMINATE CEMENTITIOUS COATING AND OTHER INTERIOR SURFACES MAY BE COATED IF RECOMMENDED BY COATING MANUFACTURER. (IN LIEU OF INTERIOR COATINGS NEW PRECAST MANHOLES CONTAINING CONSHIELD WILL BE ACCEPTED PROVIDING THE MANUFACTURER STENCILS "CONSHIELD" ON THE INSIDE AND OUTSIDE OF ALL MANHOLE SECTIONS.)

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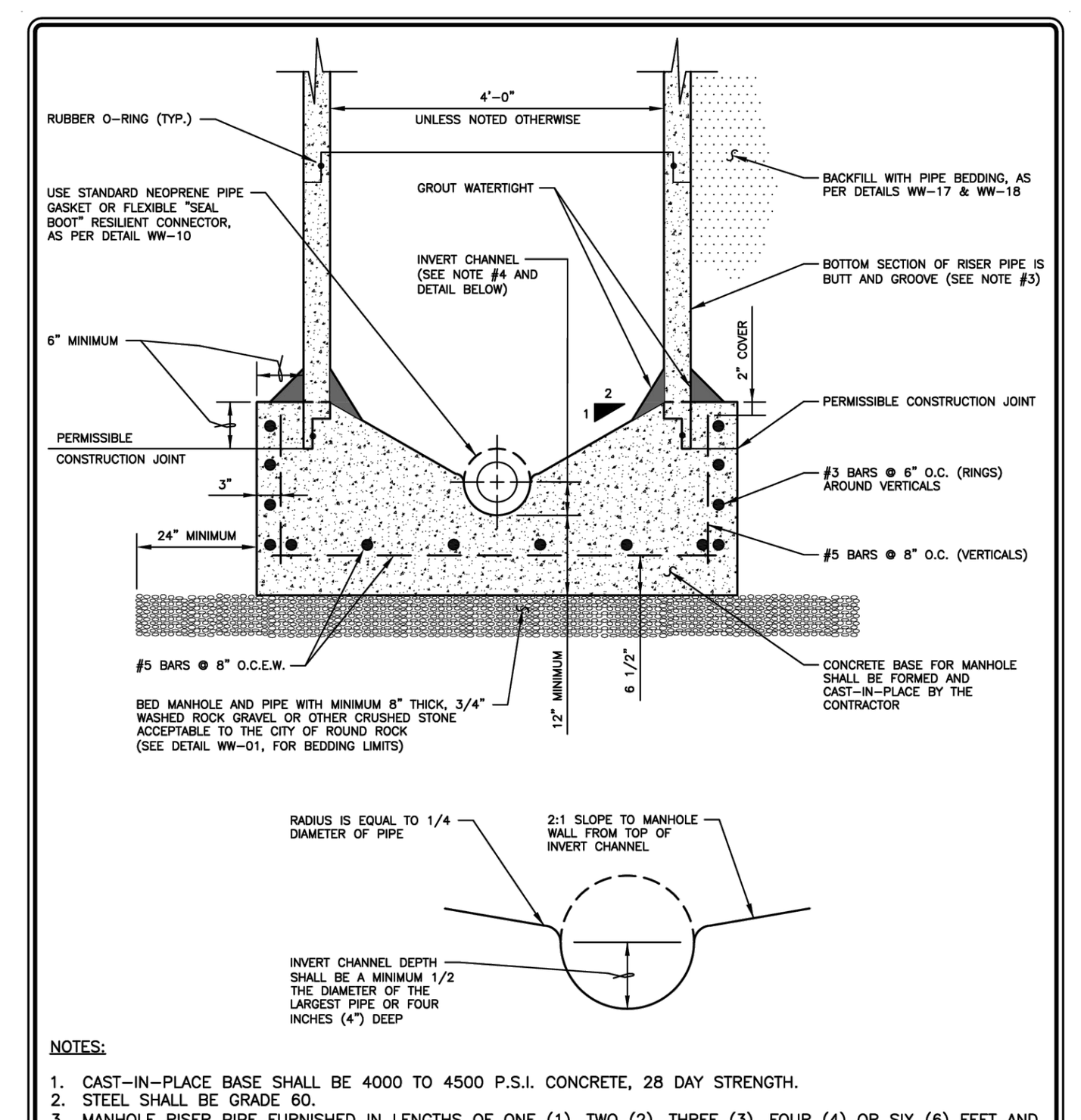
CITY OF ROUND ROCK — DRAWING NO: WW-01

PRECAST CONCRETE WASTEWATER MANHOLE DETAIL



NOTES:

1. CAST-IN-PLACE BASE SHALL BE 4000 TO 4500 P.S.I. CONCRETE, 28 DAY STRENGTH.
2. STEEL SHALL BE GRADE 60.
3. MANHOLE RISER PIPE FURNISHED IN LENGTHS OF ONE (1), TWO (2), THREE (3), FOUR (4) OR SIX (6) FEET AND SHALL BE IN ACCORDANCE WITH A.S.T.M. C478.
4. INVERT CHANNEL SHALL BE PROVIDED THAT AS MUCH AS POSSIBLE, FORMS A SMOOTH CONTINUATION OF INLET AND OUTLET PIPES.
5. BASE SHALL BE PROPERLY FORMED IN THE FIELD WITH WOOD OR OTHER APPROVED FORMS.
6. VERTICAL BARS MAY BE EXTENSIONS OF BOTTOM STEEL OR SEPARATE FROM, BUT TIED TO BOTTOM HORIZONTAL STEEL.

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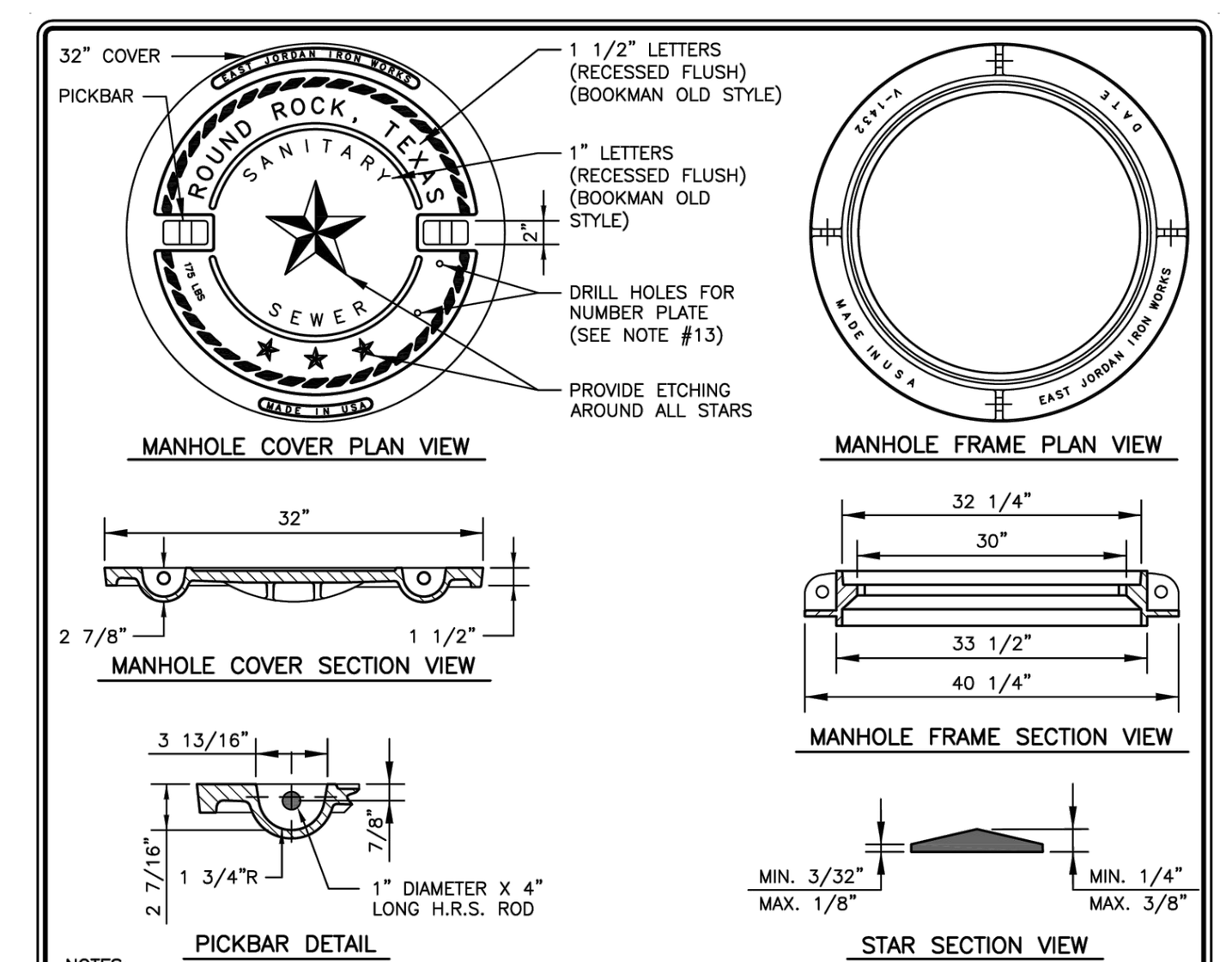
THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR THE APPROPRIATE USE OF THIS DETAIL. (NOT TO SCALE)

CITY OF ROUND ROCK — DRAWING NO: WW-04

CAST-IN-PLACE BASE FOR CONCRETE WASTEWATER MANHOLE DETAIL



NOTES:

1. COVER AND FRAME SHALL COMPLY WITH STANDARD SPECIFICATIONS FOR DRAINAGE, SEWER, UTILITY AND RELATED CASTINGS: AASHTO DESIGNATION M306-04.
2. MANHOLE COVER SHALL BE MODEL NUMBER: V-1432-3 (PRODUCT NUMBER: 41432059), AS MANUFACTURED BY EAST JORDAN IRON WORKS INCORPORATED, OR APPROVED EQUAL.
3. MANHOLE FRAME SHALL BE MODEL NUMBER: V-1432 (PRODUCT NUMBER: 41432010), AS MANUFACTURED BY EAST JORDAN IRON WORKS INCORPORATED, OR APPROVED EQUAL.
4. MANHOLE COVER AND FRAME ASSEMBLY, IF ORDERED AS A SET, SHALL BE MODEL NUMBER: V-1432 (PRODUCT NUMBER: 41432089), AS MANUFACTURED BY EAST JORDAN IRON WORKS INCORPORATED, OR APPROVED EQUAL.
5. ALL CORNERS AND EDGES SHALL HAVE A 1/16" MINIMUM AND 1/8" MAXIMUM RADIUS.
6. MANHOLE COVERS SHALL BE CAST WITH TWO 1" DIAMETER STEEL PICKBARS.
7. MANHOLE COVER WEIGHT SHALL BE 175 LBS. FOR DUCTILE IRON. WEIGHT SHALL BE CAST ON BOTH TOP AND BOTTOM OF COVER.
8. MANUFACTURER SHALL CERTIFY THAT EACH MANHOLE COVER MEETS HS-20 LOADING.
9. FILLETS SHALL BE 1/4" RADIUS UNLESS OTHERWISE SPECIFIED.
10. MANUFACTURER SHALL REMOVE EXCESS IRON AND MACHINE FINISH SEATING SURFACES TO NOTED DIMENSIONS.
11. COVER SHALL BE DIPPED IN A WATER-BASED ASPHALTIC COATING, PRIOR TO SHIPMENT FROM FOUNDRY.
12. MANUFACTURER SHALL DRILL 2-3/16" X 1/2" DEEP HOLES FOR A MANHOLE NUMBER PLATE TO BE PROVIDED BY THE CITY OF ROUND ROCK. THE TOP HOLE SHALL BE DRILLED 1" O.C. FROM THE BOTTOM OF THE PICKBAR AND THE BOTTOM HOLE SHALL BE DRILLED 4" O.C. FROM THE TOP HOLE.

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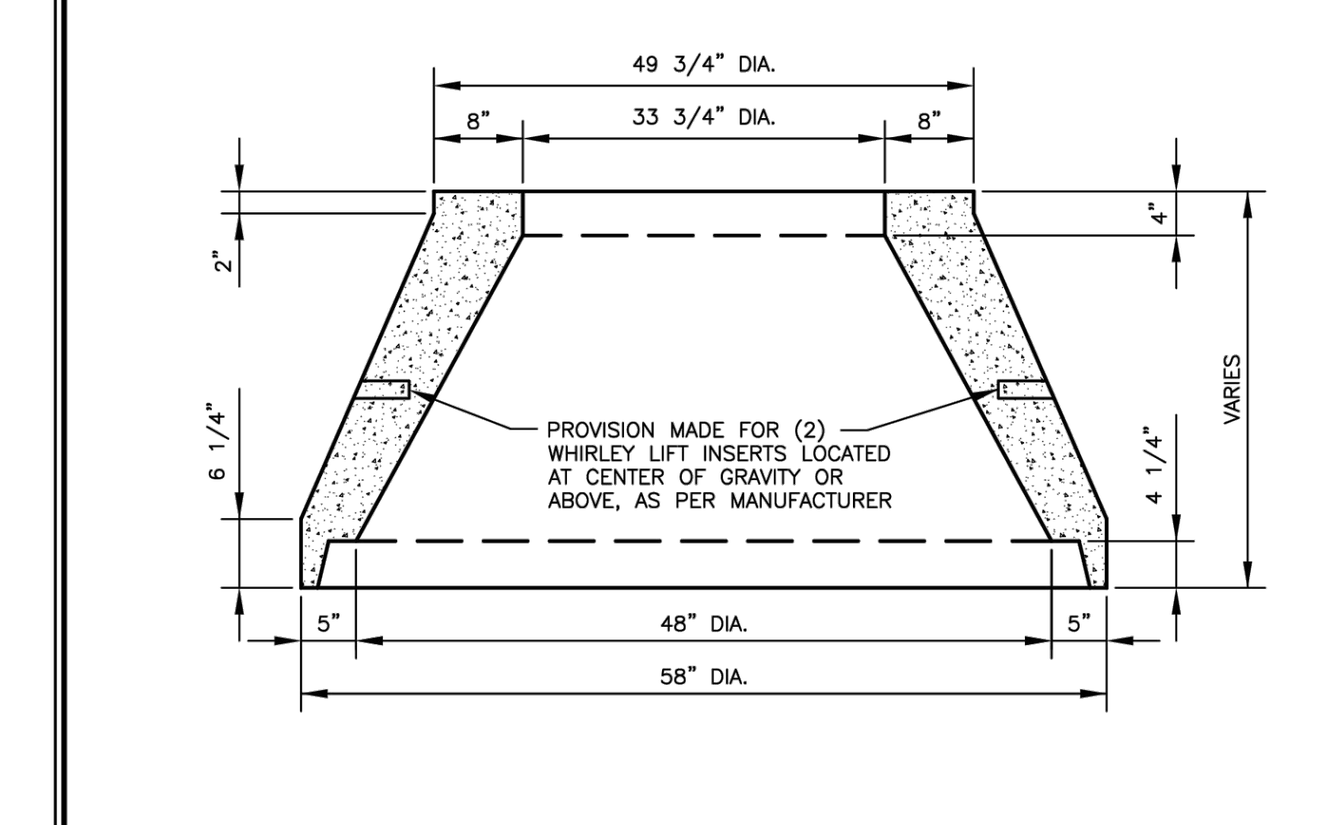
CITY OF ROUND ROCK — DRAWING NO: WW-08

NON-BOLTED WASTEWATER MANHOLE COVER AND FRAME DETAIL



NOTE:

CONCENTRIC CONCRETE CONE SECTION SHALL BE MANUFACTURED USING 4000 TO 4500 P.S.I. CONCRETE, 28 DAY STRENGTH AND IN ACCORDANCE WITH A.S.T.M. C478, AS MANUFACTURED BY CONCRETE PRODUCTS INCORPORATED, OR APPROVED EQUAL.

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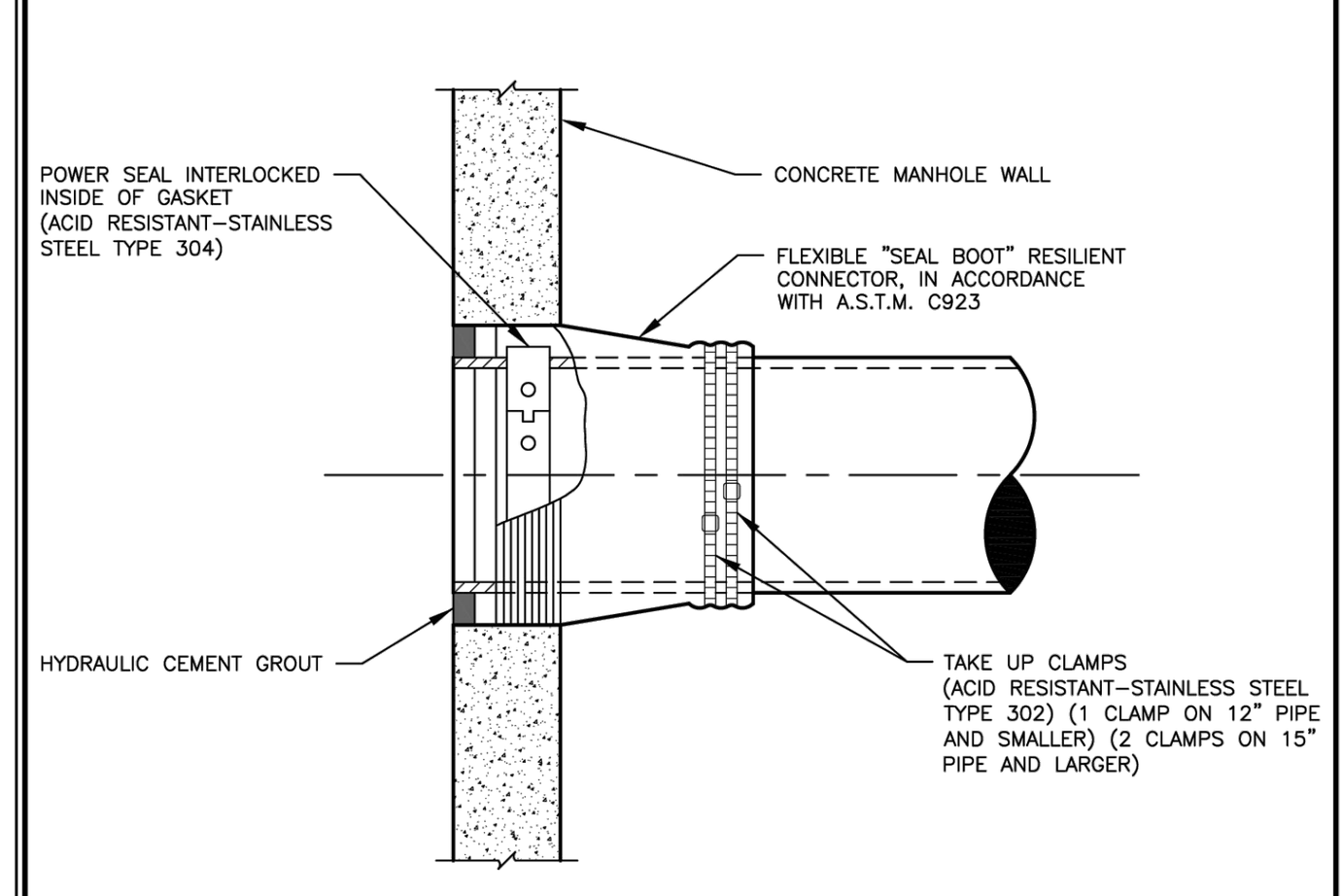
APPROVED 03-01-18 DATE
THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR THE APPROPRIATE USE OF THIS DETAIL. (NOT TO SCALE)

CITY OF ROUND ROCK — DRAWING NO: WW-09

PRECAST 48" CONCENTRIC CONCRETE CONE SECTION DETAIL



NOTE:

1. FLEXIBLE "SEAL BOOT" RESILIENT CONNECTOR TO BE A MINIMUM OF 12 INCHES (12") FROM A MANHOLE JOINT.

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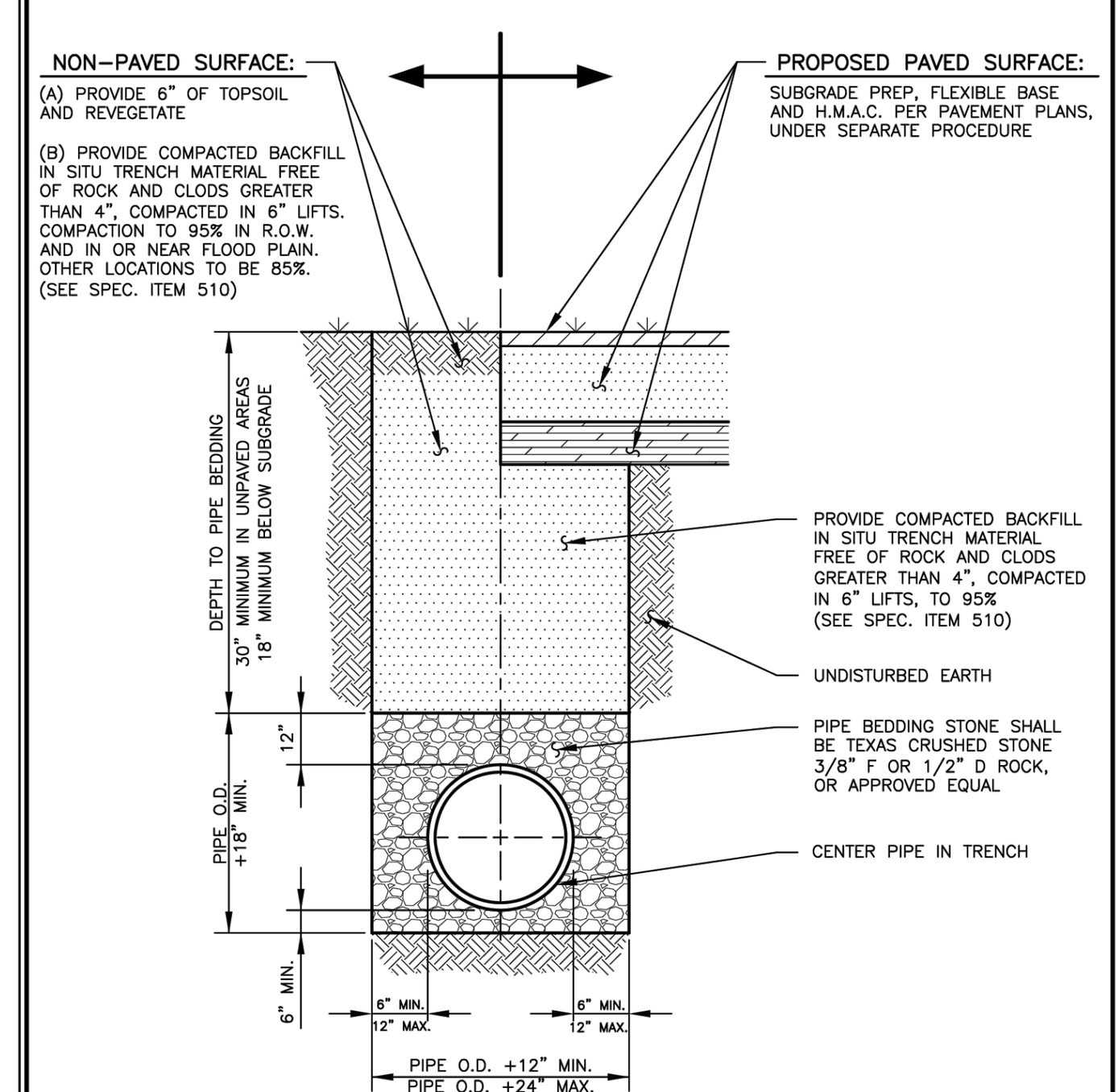
APPROVED 03-01-18 DATE
THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR THE APPROPRIATE USE OF THIS DETAIL. (NOT TO SCALE)

CITY OF ROUND ROCK — DRAWING NO: WW-10

FLEXIBLE "SEAL BOOT" RESILIENT CONNECTOR DETAIL



NOTE:

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CITY OF ROUND ROCK — DRAWING NO: WW-18

WASTEWATER LINE BEDDING AND SURFACE REPAIR DETAIL (NON-PAVED & PROPOSED PAVED SURFACE)

REVISIONS		
NO.	DATE	DESCRIPTION
#	#	#
#	#	#
#	#	#
#	#	#
#	#	#

UTILITY DETAILS

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXENG FIRM F-1114)

BERKMAN ES ADDITION &
FULKES MS AUDITORIUM ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

10/24/2025
STATE OF TEXAS
GILBERTO MOTA
146585
LICENSED
PROFESSIONAL ENGINEER

JOB NO. B013728.001
DESIGNED BY: #
DRAWN BY: #
CHECKED BY: #####
DATE: 10/24/25

SHEET: C11.03

FULL PATH: P:\013700\013728\001\Civil\CAD\Plot Sheets\UTIL DTL
FILENAME: UTIL DTL.dwg
PLOTTED BY: Zachary Wilder
PLOTTED ON: Friday, October 24, 2025

SDP 25-00030

BERKMAN/FULKES SUBDIVISION
300 WEST ANDERSON AVE.,
ROUND ROCK, TEXAS

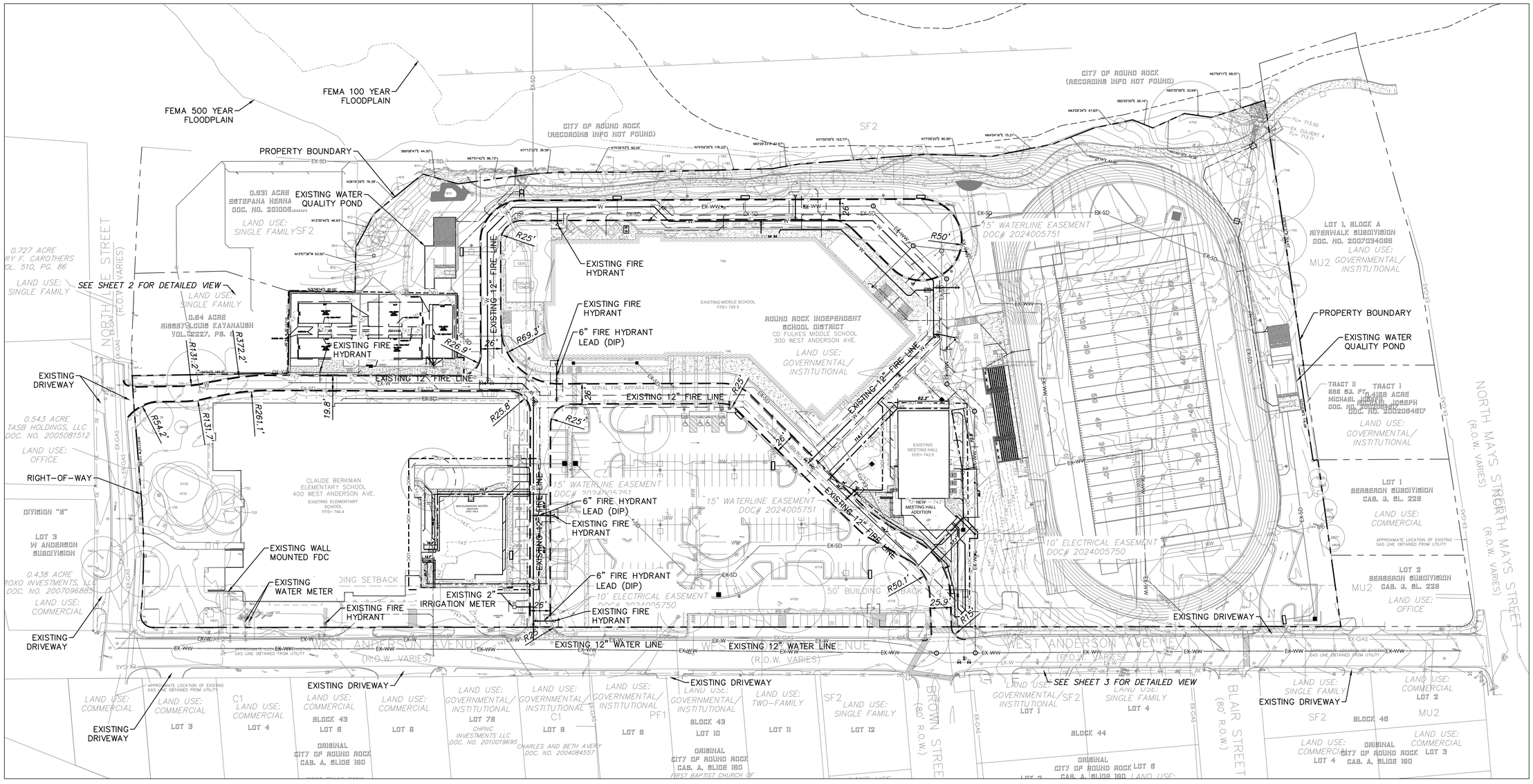
60 0 60 120

GRAPHIC SCALE IN FEET

1" = 60'

BERKMAN ES
TYPE II B
OCCUPANCY TYPE E
ADDITION AREA = 7,827 SQFT
TOTAL AREA = 57,497 SQFT
HEIGHT = 24'-2" (ADDITION) 32'-2" EXISTING BUILDING
STORIES 1

CD FULKES MEETING HALL
TYPE V
OCCUPANCY TYPE A
ADDITION AREA = 8,580 SQFT
HEIGHT = 37 FT
STORIES 1



REVISIONS			
NO.	DATE	DESCRIPTION	
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#	#	#	

FIRE PROTECTION PLAN

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXENGFIRM I-1114)

BERKMAN ES ADDITION &
FULKES MS AUDITORIUM ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

10/24/2025

STATE OF TEXAS
GILBERTO MOTA
146585
LICENSED
PROFESSIONAL ENGINEER

JOB NO.	B013728.001
DESIGNED BY:	#
DRAWN BY:	#
CHECKED BY:	######
DATE:	10/24/25
SHEET:	C12.01

SDP 25-00030

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FILENAME: FIRE PROTECTION PLAN.dwg
LOGIN ID: JTorres
PLOTTED ON: Friday, October 24, 2025

SITE LEGEND

- PROPERTY BOUNDARY
- ADJOINERS
- BUILDING SETBACK
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EASEMENT
- BUILDING SETBACK
- FIRE LANE
- PROPOSED CURB
- TAS COMPLIANT ROUTE
- LIMITS OF CONSTRUCTION
- FIRE HOSE LAY
- SIDEWALK

NOTE: DOMESTIC WATER AND FIRE FOR NEW ELEMENTARY ADDITION TO CONNECT INTERNALLY WITH THE EXISTING BUILDING.

LAND USE: SINGLE FAMILY

0.64 ACRE
ABBY LOUIS KAYANAUGH
VOL. 2227, PG. 627

PROPERTY BOUNDARY

N13°57'36"W 99.36'

N74°30'54"E 188.23'

CLAUDE BERKMAN ELEMENTARY SCHOOL
400 WEST ANDERSON AVE.

EXISTING ELEMENTARY SCHOOL
FFE= 744.4

NEW ELEMENTARY SCHOOL ADDITION
FFE= 744.4

RISER ROOM LOCATION

EXISTING FIRE HYDRANT

RIGHT-OF-WAY

EXISTING GAS METER

EXISTING TRANSFORMER

EXISTING 4" WASTEWATER LINE

EXISTING 6" WASTEWATER LINE

APPROXIMATE LOCATION OF EXISTING GAS LINE OBTAINED FROM UTILITY

WEST ANDERSON AVENUE (R.O.W. VARIES)

EXISTING FIRE LANE

EXISTING FIRE HYDRANT

AERIAL FIRE LANE

15' WATERLINE EASEMENT — DOC# 2024005751

10' ELECTRICAL EASEMENT — DOC# 2024005750

50' BUILDING SETBACK

GRAPHIC SCALE IN FEET
1" = 20'

REVISIONS			
NO.	DATE	DESCRIPTION	
#	#	#	
#	#	#	
#	#	#	
#	#	#	
#	#	#	

FIRE PROTECTION PLAN 1 OF 2

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
tel 817.335.1121
(TXENGFIRM P-1114)

BERKMAN ES ADDITION &
FULKES MS AUDITORIUM ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

10/24/2025

STATE OF TEXAS
GILBERTO MOTA
146585
LICENSED
PROFESSIONAL ENGINEER

JOB NO.	B013728.001
DESIGNED BY:	#
DRAWN BY:	#
CHECKED BY:	######
DATE:	10/24/25
SHEET:	C12.02

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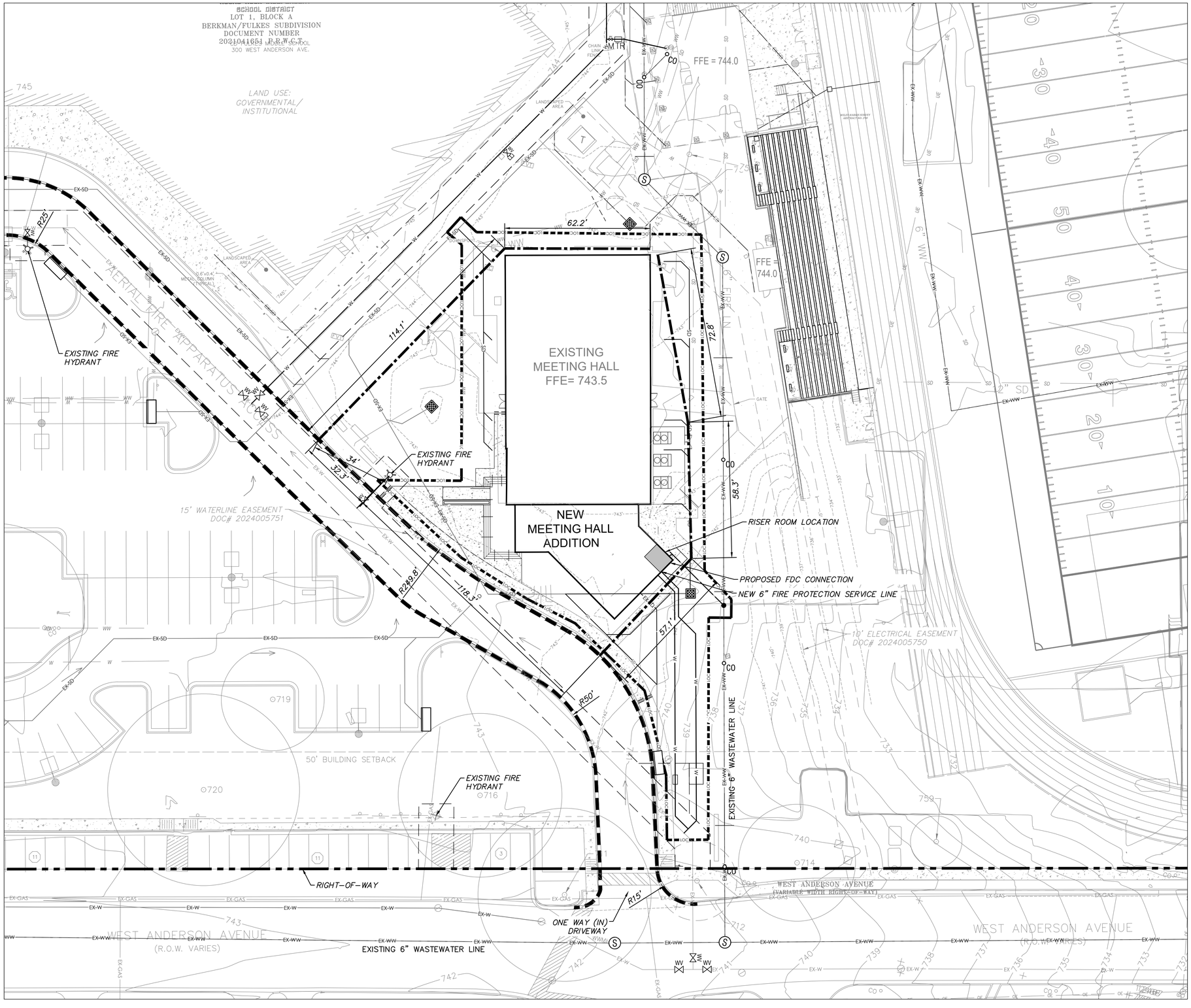
AUTHOR: Jeffrey Pollock
PLOTTED ON: Friday, October 24, 2025

SDP 25-00030



GRAPHIC SCALE IN FEET

1" = 20'

SITE LEGEND

- PROPERTY BOUNDARY
- ADJOINERS
- BUILDING SETBACK
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EASEMENT
- BUILDING SETBACK
- FIRE LANE
- PROPOSED CURB
- TAS COMPLIANT ROUTE
- LIMITS OF CONSTRUCTION
- FIRE HOSE LAY
- SIDEWALK

BERKMAN ES
TYPE II B
OCCUPANCY TYPE E
ADDITION AREA = 7,827 SQFT
TOTAL AREA = 57,497 SQFT
HEIGHT = 24'-2" (ADDITION) 32'-2" EXISTING BUILDING
STORIES 1

CD FULKES MEETING HALL
TYPE V
OCCUPANCY TYPE A
ADDITION AREA = 8,580 SQFT
HEIGHT = 37 FT
STORIES 1

REVISIONS

NO.	DATE	DESCRIPTION
#	#	#
#	#	#
#	#	#
#	#	#
#	#	#

FIRE PROTECTION PLAN 2 OF 2

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXENG FIRM #-1114)

BERKMAN ES ADDITION &
FULKES MS AUDITORIUM ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

10/24/2025

STATE OF TEXAS
GILBERTO MOTA
146585
LICENSED
PROFESSIONAL ENGINEER

JOB NO.	B013728.001
DESIGNED BY:	#
DRAWN BY:	#
CHECKED BY:	######
DATE:	10/24/25
SHEET:	C12.03

SDP 25-00030

FULL PATH: P:\013700\013728\001\Civil\CAD\Plot Sheets\FIRE PROTECTION PLAN

FILENAME: FIRE PROTECTION PLAN.dwg
PLOTTED BY: Jay Mendez
PLOTTED ON: Friday, October 24, 2025

LX.02

PLAYGROUND

LX.01

ELEMENTARY EXPANSION

NEW ELEMENTARY SCHOOL ADDITION FFE=744.6

BERKMAN ELEMENTARY SCHOOL (EXISTING)

FULKES MIDDLE SCHOOL (EXISTING)

PARKING

AERIAL FIRE APPARATUS ACCESS

DROP OFF AREA

50' BUILDING SETBACK

LX.03

FULKES MEETING HALL (EXISTING)

NEW MEETING HALL ADDITION

NORTH LEE ST

WEST ANDERSON AVE

BERKMAN ELEMENTARY MONUMENT

TRANSFORMER PAD

E

DISTANCE
6.00'
6.00'

NORTH

GRAPHIC SCALE

0 50 100

1 inch = 50'

REVISIONS

NO.	DATE	DESCRIPTION

SITE ORIENTATION PLAN

BERKMAN ES ADDITION & FULKES MS MEETING HALL ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXENGFIRM P-1114)

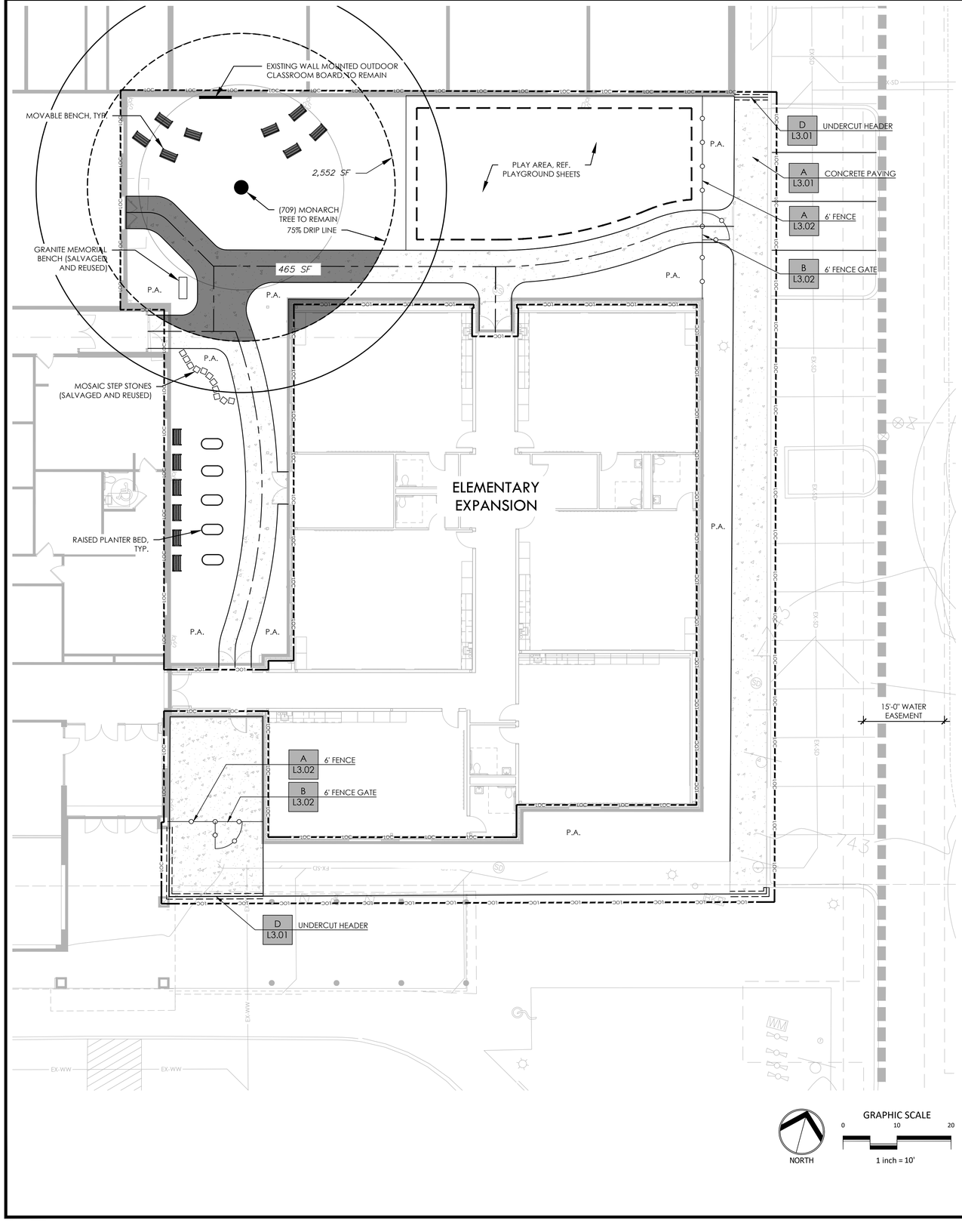
REGISTERED LANDSCAPE ARCHITECT
BRENDAN V. WITTSTRUCK
3725
STATE OF TEXAS

FOR PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION

JOB NO.	B013728.001
DESIGNED BY:	KER
DRAWN BY:	KER
CHECKED BY:	BVW
DATE:	10/30/25
SHEET:	L1.00

FULL PATH: P:\013700\013728\001\PLAD\Drawings\Plot Sheets\13728-Layout Plan

FILENAME: 13728-Layout Plan.dwg
PLOTTED BY: Kaden Rice
PLOTTED ON: Friday, October 24, 2025



LEGEND

- LIMIT OF LANDSCAPE WORK
- EXISTING WATER
- EXISTING WASTE WATER
- EXISTING STORM DRAIN
- EXISTING LIGHT POLE
- EXISTING CONCRETE CURB
- CONCRETE PAVING
- SIDEWALK CENTERLINE
- EXPANSION JOINT
- CONTROL JOINT
- 6' METAL FENCE
- PLANTING AREA P.A.
- ARTIFICIAL TURF
- PLAYGROUND AREA, REF: PLAYGROUND SHEETS
- EXISTING TREE TO REMAIN
- RAISED PLANTER BED
- MOVABLE BENCH

REVISIONS

NO.	DATE	DESCRIPTION

LAYOUT PLAN

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXENG FIRM F-1114)

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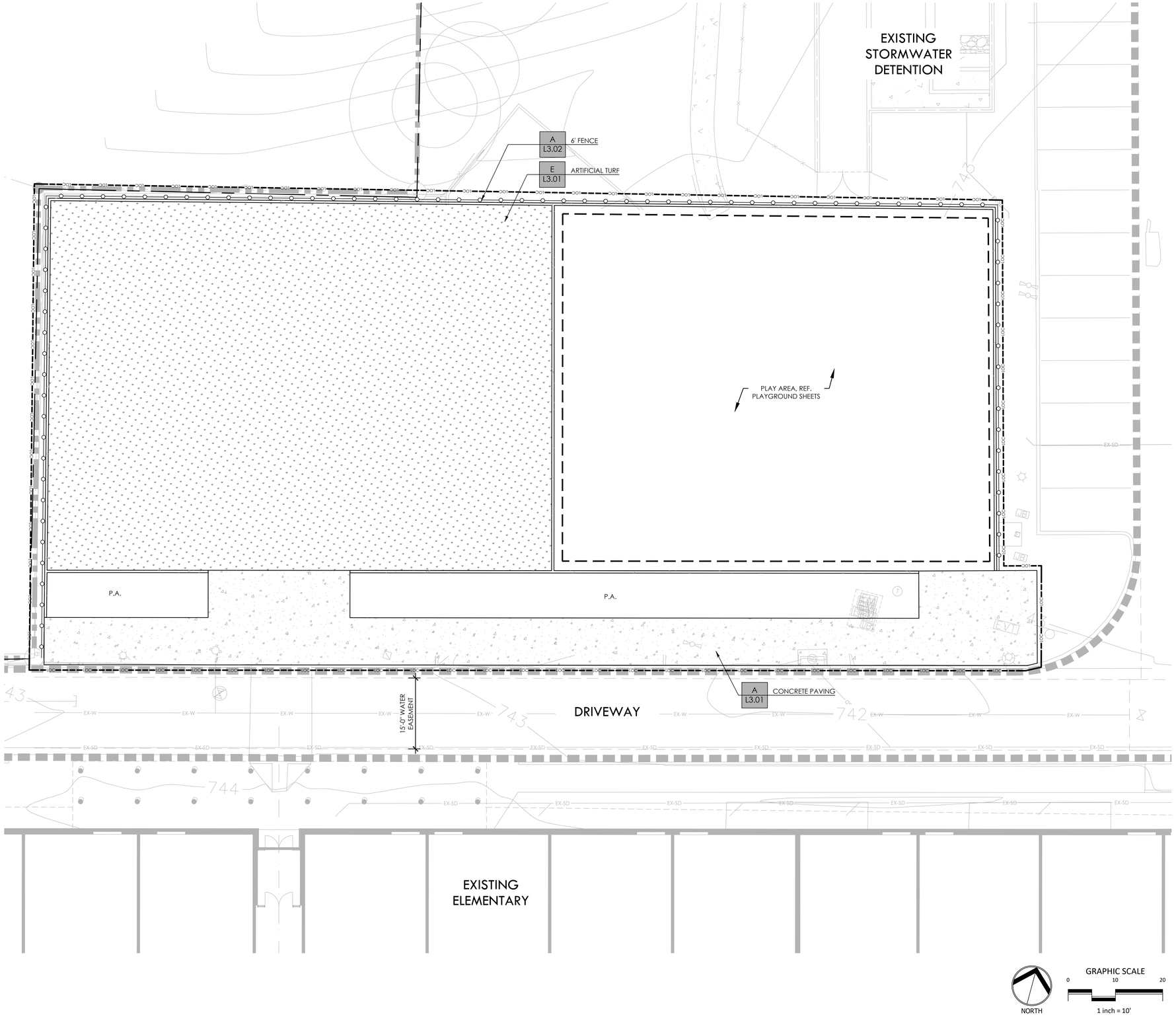

LEGEND

LIMIT OF LANDSCAPE WORK	LOC
EXISTING WATER	W
EXISTING WASTE WATER	WW
EXISTING STORM DRAIN	SD
EXISTING LIGHT POLE	
EXISTING CONCRETE CURB	
CONCRETE PAVING	
SIDEWALK CENTERLINE	
EXPANSION JOINT	
CONTROL JOINT	
6' METAL FENCE	
PLANTING AREA	P.A.
ARTIFICIAL TURF	
PLAYGROUND AREA, REF: PLAYGROUND SHEETS	
EXISTING TREE TO REMAIN	
RAISED PLANTER BED	
MOVABLE BENCH	

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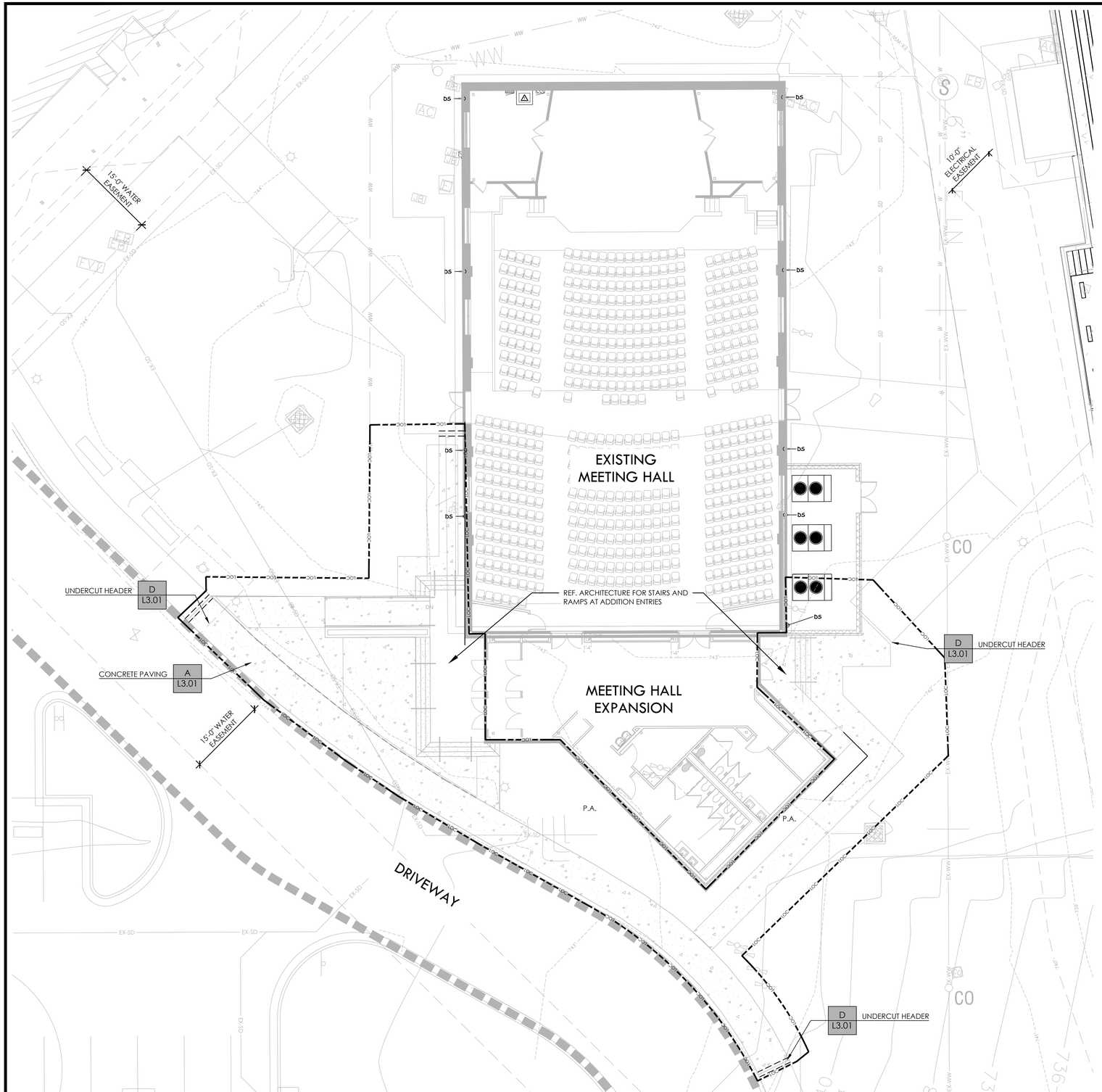
PLOTTED BY: Kelsey Rickey
PLOTTED ON: Friday, October 24, 2025



LEGEND

LIMIT OF LANDSCAPE WORK	LOC
EXISTING WATER	W
EXISTING WASTE WATER	WW
EXISTING STORM DRAIN	SD
EXISTING LIGHT POLE	
EXISTING CONCRETE CURB	
CONCRETE PAVING	
SIDEWALK CENTERLINE	
EXPANSION JOINT	
CONTROL JOINT	
6' METAL FENCE	
PLANTING AREA	P.A.
ARTIFICIAL TURF	
PLAYGROUND AREA, REF: PLAYGROUND SHEETS	
EXISTING TREE TO REMAIN	
RAISED PLANTER BED	
MOVABLE BENCH	

NORTH

GRAPHIC SCALE

0 10 20

1 inch = 10'

REVISIONS

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LAYOUT PLAN

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SHEET:	L1.03

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FILENAME: 13728-Layout Plan.dwg
PLOTTED BY: Kelley Rhodes
PLOTTED ON: Friday, October 24, 2025

MATERIALS SCHEDULE

*ALL PRODUCTS ARE AS SPECIFIED OR APPROVED EQUAL

SURFACING					
COMPONENT	**DESCRIPTION**	**CONTACT/INFORMATION**	**DETAIL NO:**	**DETAIL SHEET:**	**APPROVAL**
ARTIFICIAL TURF	MANUFACTURER: FOREVERLAWN PRODUCT: PLAYGROUND GRASS - ULTRA COLOR: GREEN	FOREVER LAWN AUSTIN; 512-806-5766	E	L3.01	SPEC SHEET, COLOR CHART
SITE FURNISHINGS					
FENCE	MANUFACTURER: AMERISTAR PRODUCT: WIREWORKS PLUS HEIGHT: 6' COLOR: BLACK	PATRICK HATTAWAY, AMERISTAR PERIMETER SECURITY; 888-333-3422	INSTALL PER MANUF. REC.		SPEC SHEET, COLOR CHART
PLAY EQUIPMENT	REF. WE BUILD FUN PLAYGROUND DRAWINGS	MITCH BEASLEY, WE BUILD FUN; 972-502-9406	REF. WE BUILD FUN PLAYGROUND DRAWINGS		SPEC SHEET, COLOR CHART
RAISED PLANTER BEDS	17" HEIGHT, 2" WIDE BY 5' CONFIGURATION. COLOR: 50% OF BEDS TO BE "SUNLIT OAK" COLOR, 50% OF BEDS TO BE "SKY BLUE" COLOR BY VEGO GARDEN	VEGO GARDEN VEGOGARDEN.COM, PHONE	N/A		SPEC SHEET, COLOR CHART
MOVABLE BENCHES	KIDS LAKESIDE FREESTANDING, MOVEABLE BENCH, 36.25" WIDE x 19.82" WIDE x 22.93" HEIGHT. COLOR: 50% OF BENCHES TO BE "PACIFIC BLUE" COLOR, 50% OF BENCHES TO BE "LEMON" BY POLYWOOD	POLYWOOD, WWW.POLYWOOD.COM 855-935-5550	N/A		SPEC SHEET, COLOR CHART
GRANITE MEMORIAL BENCH	SALVAGED AND STORED FOR REUSE				N/A
MOSAIC TILE STEP STONES	SALVAGED AND STORED FOR REUSE				N/A

REVISIONS

NO.	DATE	DESCRIPTION

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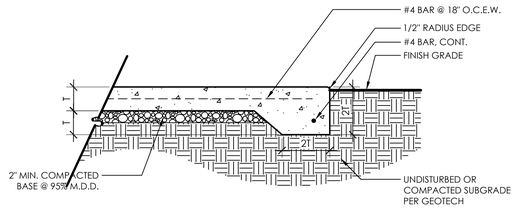
DESIGNED BY:	KER
DRAWN BY:	SGH
CHECKED BY:	BVW
DATE:	10/30/25
SHEET:	L3.00

FULL PATH: P:\013700\013728\001\PLA\Drawings\Plot Sheets\13728-Site Details

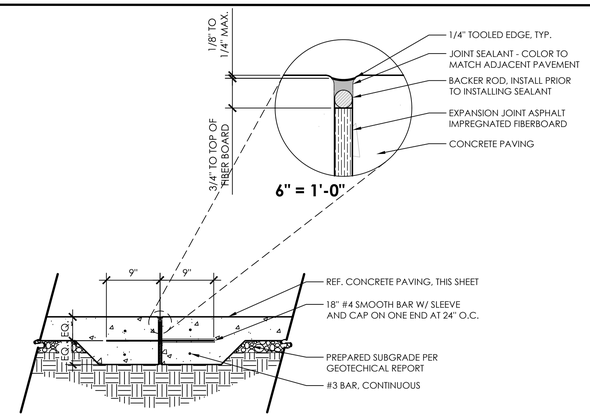
FILENAME: 13728-Site Details.dwg
PLOTTED BY: Kelsey Rocksdale
PLOTTED ON: Friday, October 24, 2025

NOTES:
1. PROVIDE 2% (1/4" PER FOOT) MAX.CROSS SLOPE FOR POSITIVE DRAINAGE UNLESS OTHERWISE INDICATED.
2. PROVIDE 3000 PSI CONCRETE AT 28 DAYS.
3. SCORE JOINTS @ 6-0" O.C. (MAX. UNLESS OTHERWISE INDICATED ON PLANS)
4. EXPANSION JOINTS @ 30'-0" O.C. (MAX., UNLESS OTHERWISE INDICATED ON PLAN)
5. CONCRETE TO BE LIGHT BROOM FINISH
6. T= 4"



A CONCRETE PAVING

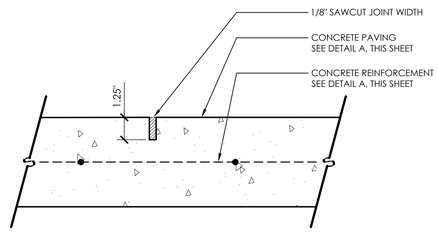
1" = 1'-0"



B EXPANSION JOINT

1" = 1'-0"

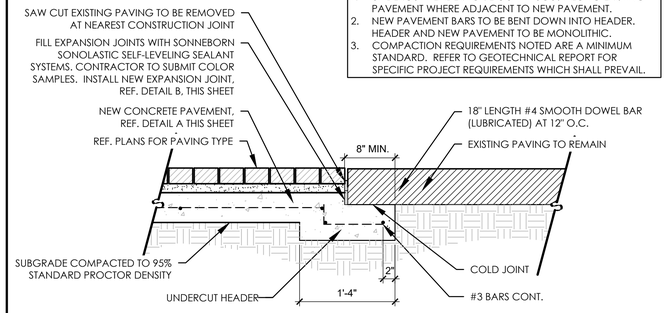
NOTES:
1. CONTROL JOINT TO BE SAWCUT TO 1/4 OF THE SLAB DEPTH NO MORE THAN 24 HOURS AFTER CONCRETE PLACEMENT.



C CONTROL JOINT

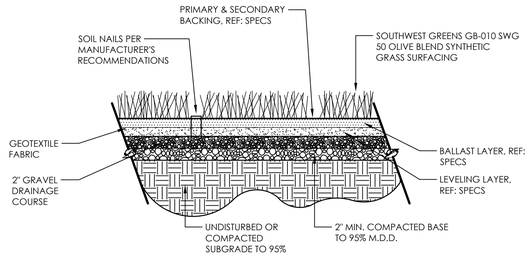
3" = 1'-0"

NOTES:
1. UNDERCUT HEADER TO BE CONTINUOUS ALONG EXISTING PAVEMENT WHERE ADJACENT TO NEW PAVEMENT.
2. NEW PAVEMENT BARS TO BE BENT DOWN INTO HEADER. HEADER AND NEW PAVEMENT TO BE MONOLITHIC.
3. COMPACTION REQUIREMENTS NOTED ARE A MINIMUM STANDARD. REFER TO GEOTECHNICAL REPORT FOR SPECIFIC PROJECT REQUIREMENTS WHICH SHALL PREVAIL.



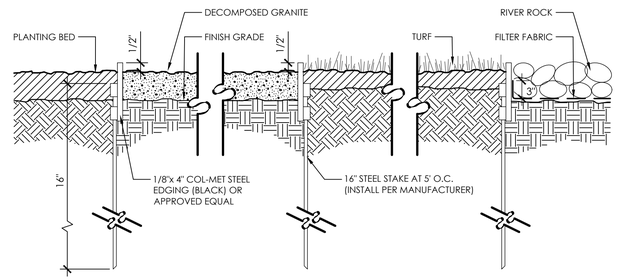
D UNDERCUT HEADER

1" = 1'-0"



E ARTIFICIAL TURF

1" = 1'-0"



F STEEL EDGE

1" = 1'-0"

REVISIONS

NO.	DATE	DESCRIPTION

SITE DETAILS

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TBAE/BS FIRM #-1114)

BERKMAN ES ADDITION &
FULKES MS MEETING HALL ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

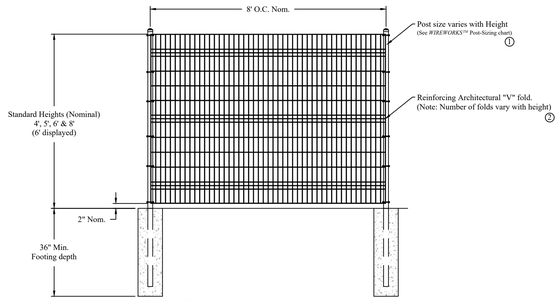
REGISTERED LANDSCAPE ARCHITECT
BRENDAN V. WITTMANN
3725
STATE OF TEXAS

FOR PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION

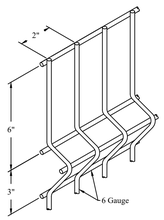
JOB NO.	B013728.001
DESIGNED BY:	KER
DRAWN BY:	SGH
CHECKED BY:	BVW
DATE:	10/30/25
SHEET:	L3.01

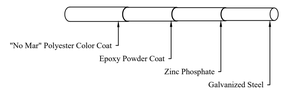
FILE PATH: P:\013700\013728\001\11 A\Drawings\Plot Sheets\13728-Site Details

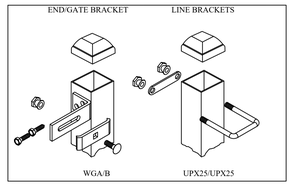
FILENAME - 13728-Site Details.dwg
PLOTTED BY: Sarah Hall
PLOTTED ON: Friday, October 24, 2025



NOTES:
1.) Post size depends on fence height and wind loads.
See *WIREWORKS PLUS™* post sizing chart.
2.) Number of Architectural "V" folds varies with height.
4' height (2 folds), 5' height (2 folds), 6' height (3 folds), and 8' height (4 folds).

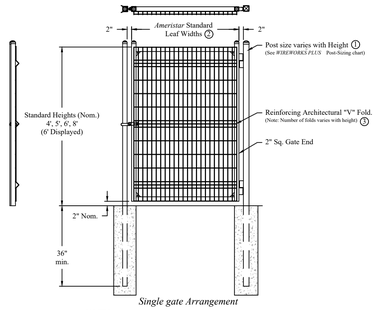






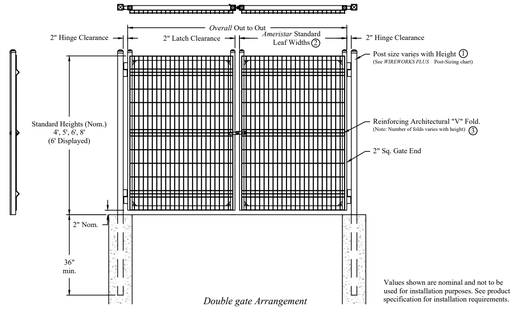
Values shown are nominal and not to be used for installation purposes. See product specification for installation requirements.

A **6' FENCE** 1" = 1"



Single gate Arrangement

NOTES:
1.) Post size depends on fence height, weight and wind loads.
See *WIREWORKS PLUS* specifications for post sizing chart.
2.) See *Ameristar* gate table for standard out to outs. Custom gate openings available for special out to out/leaf widths.
3.) Number of Architectural "V" folds varies with height.
4' height (2 folds), 5' height (2 folds), 6' height (3 folds), 8' height (4 folds)



Double gate Arrangement

Values shown are nominal and not to be used for installation purposes. See product specification for installation requirements.

B **6' FENCE GATE** 1" = 1"

REVISIONS

NO.	DATE	DESCRIPTION

SITE DETAILS

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXENG FIRM F-1114)

BERKMAN ES ADDITION &
FULKES MS MEETING HALL ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS



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DRAWN BY:	SGH
CHECKED BY:	BVW
DATE:	10/30/25
SHEET:	L3.01

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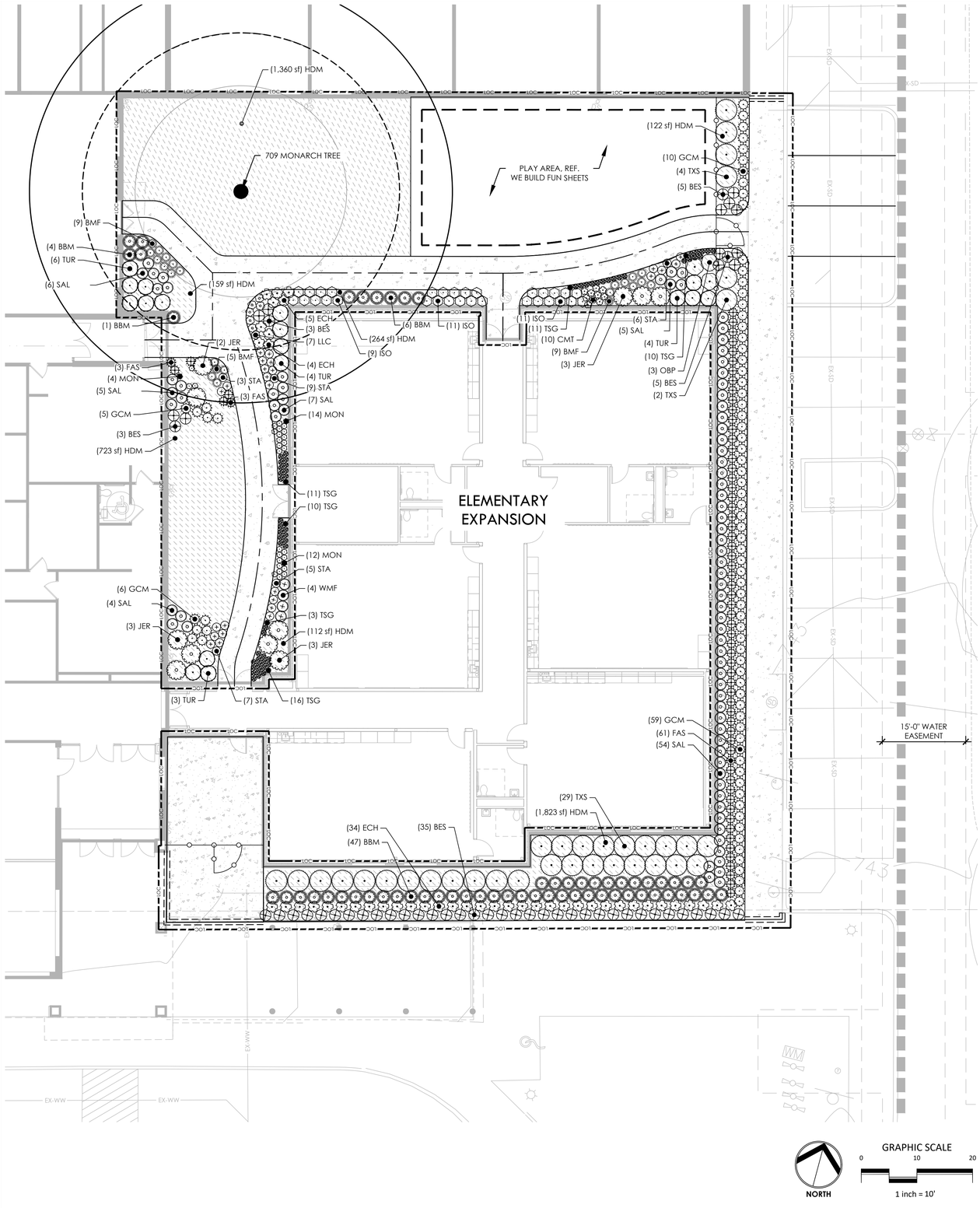
FILENAME: 13728-Site Details.dwg
PLOTTED BY: Kelsey Ross
PLOTTED ON: Friday, October 24, 2025



LEGEND

LIMIT OF WORK	LOC
EXISTING WATER	W
EXISTING WASTE WATER	WW
EXISTING STORM DRAIN	SD
EXISTING LIGHT POLE	
EXISTING CONCRETE CURB	
CONCRETE PAVING	
SIDEWALK CENTERLINE	
EXPANSION JOINT	
CONTROL JOINT	
6' METAL FENCE	
PLAYGROUND ZONE	
EXISTING TREE TO REMAIN	

NOTE:
ALL PROPOSED PLANTING AND SOD AREAS, THIS SHEET, TO RECEIVE IRRIGATION.

PLANT KEY

SYMBOL	CODE	COMMON / BOTANICAL NAME
SHRUBS		
	SAL	AUTUMN SAGE SALVIA GREGGII
	STA	BIG EARS LAMB'S EAR STACHYS BYZANTINA 'BIG EARS'
	BES	BLACK EYED SUSAN RUDBECKIA FULGIDA SULLIVANTII 'GOLDSTURM'
	BMF	BLUE MISTFLOWER EUPATORIUM COELESTINUM
	CMT	CATMINT NEPETA X FAASSENII
	ECH	CONEFLOWER ECHINACEA PURPUREA
	FAS	FALL ASTER SYMPHYOTRICHUM OBLONGIFOLIUM
	JER	JERUSALEM SAGE PHLOMIS FRUTICOSA
	LLC	LANCELEAF COREOPSIS COREOPSIS LANCEOLATA
	MON	LEMON BEE BALM MONARDA CITRIODORA
	OBP	OBEDIENT PLANT PHYSOSTEGIA VIRGINIANA
	TXS	TEXAS SAGE LEUCOPHYLLUM FRUTESCENS
	TUR	TURK`S CAP MALVAVISCUS DRUMMONDII
	WMF	WHITE MISTFLOWER AGERATINA HAVANENSIS
GRASSES		
	BBM	BAMBOO MUHLY MUHLENBERGIA DUMOSA
	GCM	GULF COAST MUHLY MUHLENBERGIA CAPILLARIS `GULF COAST`
	ISO	INLAND SEA OATS CHASMANTHIUM LATIFOLIUM
	TSG	TEXAS SEDGE CAREX RETROFLEXA TEXENSIS
GROUND COVERS		
	HDM	HARDWOOD MULCH HARDWOOD MULCH

REVISIONS

NO.	DATE	DESCRIPTION

PLANTING PLAN

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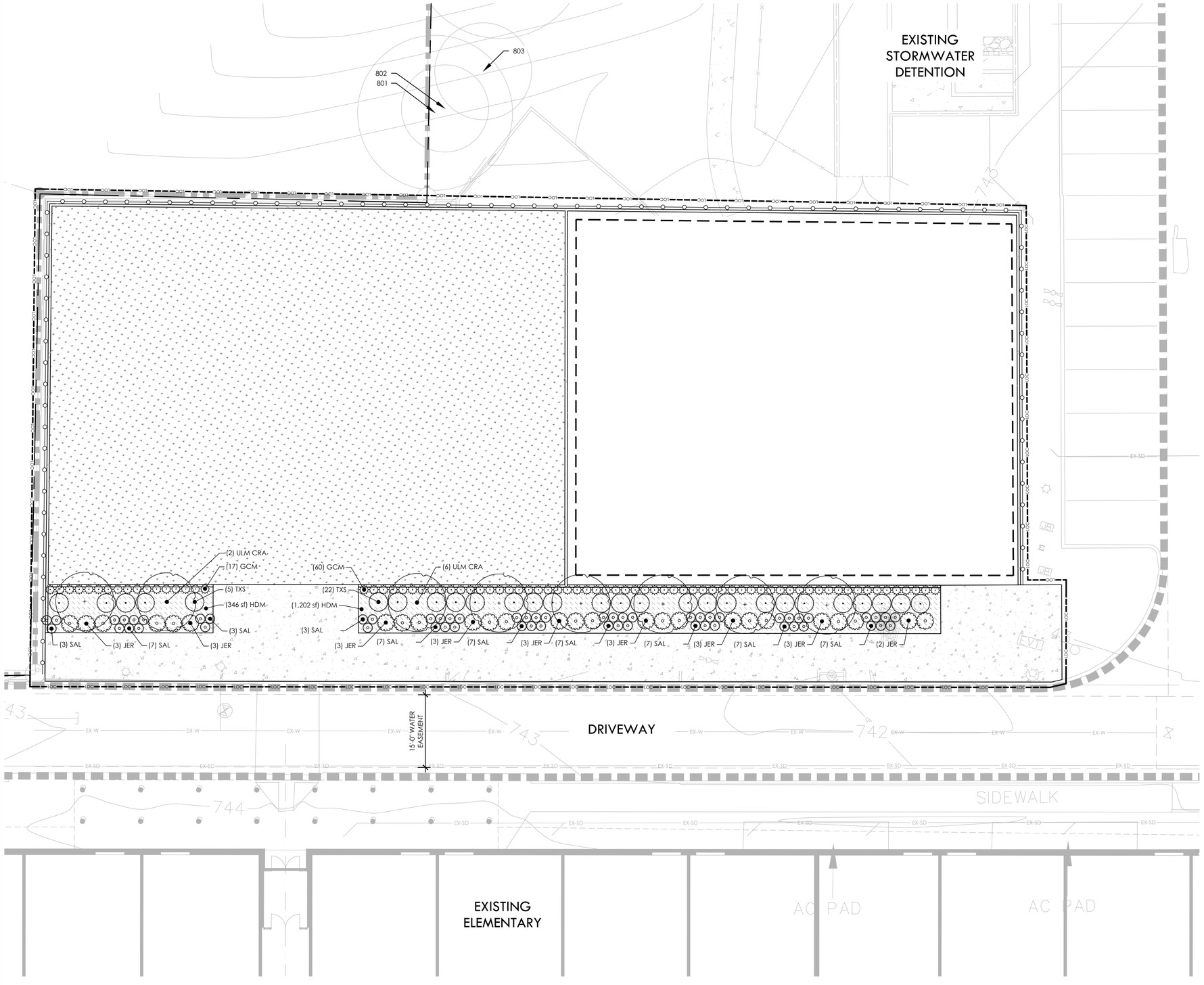
PLOTTED BY: Kelsey Ross
PLOTTED ON: Friday, October 24, 2025



LEGEND

- LIMIT OF WORK
- EXISTING WATER
- EXISTING WASTE WATER
- EXISTING STORM DRAIN
- EXISTING LIGHT POLE
- EXISTING CONCRETE CURB
- CONCRETE PAVING
- SIDEWALK CENTERLINE
- EXPANSION JOINT
- CONTROL JOINT
- 6' METAL FENCE
- PLAYGROUND ZONE
- EXISTING TREE TO REMAIN

PLANT KEY

SYMBOL	CODE	COMMON / BOTANICAL NAME	CALIPER	HEIGH
TREES				
	ULM CRA	CEDAR ELM ULMUS CRASSIFOLIA	3" CAL.	10'-12'

SYMBOL	CODE	COMMON / BOTANICAL NAME
SHRUBS		
	SAL	AUTUMN SAGE SALVIA GREGGII
	JER	JERUSALEM SAGE PHLOMIS FRUTICOSA
	TXS	TEXAS SAGE LEUCOPHYLLUM FRUTESCENS
GRASSES		
	GCM	GULF COAST MUHLY MUHLENBERGIA CAPILLARIS `GULF COAST`
GROUND COVERS		
	HDM	HARDWOOD MULCH HARDWOOD MULCH

REVISIONS

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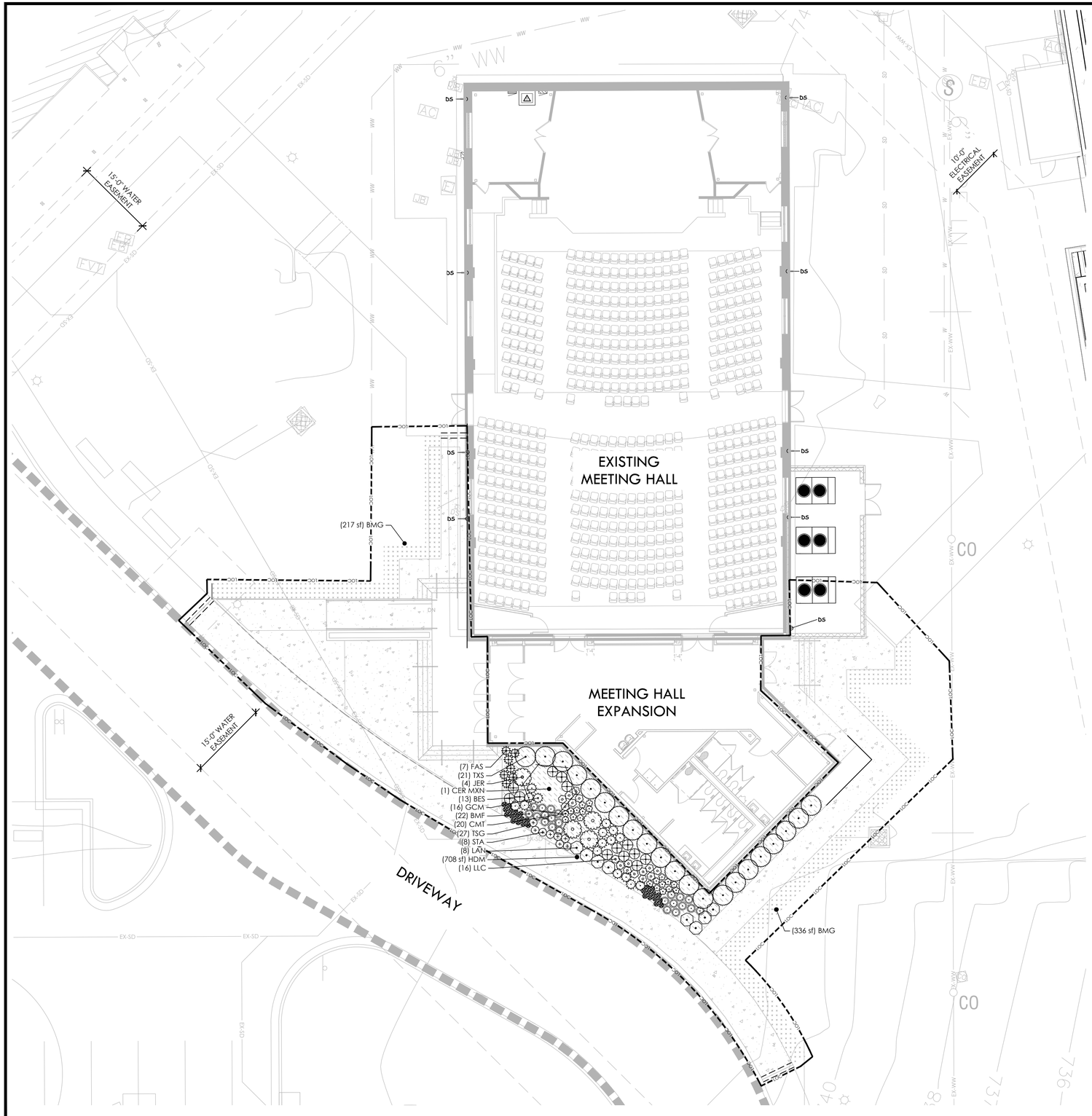
DATE:	10/30/25
SHEET:	L4.02



LEGEND

- LIMIT OF WORK
- EXISTING WATER
- EXISTING WASTE WATER
- EXISTING STORM DRAIN
- EXISTING LIGHT POLE
- EXISTING CONCRETE CURB
- CONCRETE PAVING
- SIDEWALK CENTERLINE
- EXPANSION JOINT
- CONTROL JOINT
- 6' METAL FENCE
- PLAYGROUND ZONE
- EXISTING TREE TO REMAIN

NOTE:
ALL PROPOSED PLANTING AND SOD AREAS, THIS SHEET, TO RECEIVE IRRIGATION.

PLANT KEY

SYMBOL	CODE	COMMON / BOTANICAL NAME
TREES		
	CER MXN	MEXICAN REDBUD CERCIS CANADENSIS MEXICANA
SHRUBS		
	STA	BIG EARS LAMB'S EAR STACHYS BYZANTINA 'BIG EARS'
	BES	BLACK EYED SUSAN RUDBECKIA FULGIDA SULLIVANTII 'GOLDSTURM'
	BMF	BLUE MISTFLOWER EUPATORIUM COELESTINUM
	CMT	CATMINT NEPETA X FAASSENII
	FAS	FALL ASTER SYMPHYOTRICHUM OBLONGIFOLIUM
	LAN	GOLDRUSH LANTANA LANTANA X 'GOLDRUSH'
	JER	JERUSALEM SAGE PHLOMIS FRUTICOSA
	LLC	LANCELEAF COREOPSIS COREOPSIS LANCEOLATA
	TXS	TEXAS SAGE LEUCOPHYLLUM FRUTESCENS
GRASSES		
	GCM	GULF COAST MUHLY MUHLENBERGIA CAPILLARIS 'GULF COAST'
	TSG	TEXAS SEDGE CAREX RETROFLEXA TEXENSIS
GROUND COVERS		
	HDM	HARDWOOD MULCH HARDWOOD MULCH
SOD/SEED		
	BMG	SOLID SOD CYNODON DACTYLON

REVISIONS

NO.	DATE	DESCRIPTION

PLANTING PLAN

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXENG FIRM F-1114)

BERKMAN ES ADDITION &
FULKES MS MEETING HALL ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

REGISTERED LANDSCAPE ARCHITECT
BRENDAN V. WITTSTRUCK
3725
STATE OF TEXAS

FOR PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION

JOB NO.	B013728.001
DESIGNED BY:	KER
DRAWN BY:	SGH
CHECKED BY:	BVW
DATE:	10/30/25
SHEET:	L4.03

PLANTING NOTES & SPECIFICATIONS

1. ALL TREES SHALL HAVE STRAIGHT TRUNKS; A CENTRAL LEADER AND BE MATCHING WITHIN VARIETIES

2. ALL PLANT AND TREE HEIGHTS AND SPREADS ARE MINIMUMS. ALL PLANT MATERIAL SHALL MEET OR EXCEED REMARKS AS INDICATED.

3. SOIL MIX FOR ALL PLANTING AREAS SHALL BE MANUFACTURED SOIL, CONSISTING OF MANUFACTURER'S BASIC TOPSOIL, BLENDED IN A MANUFACTURING FACILITY WITH SAND, STABILIZED ORGANIC SOIL AMENDMENTS, AND OTHER MATERIALS TO PRODUCE VIABLE PLANTING SOIL. MANUFACTURED SOIL SHOULD ACHIEVE PH OF 5 TO 7.5 AND MINIMUM OF 4 PERCENT ORGANIC-MATTER CONTENT, FRIABLE, AND WITH SUFFICIENT STRUCTURE TO GIVE GOOD TILL AND AERATION.

4. AMEND MANUFACTURER'S BASIC SOIL WITH COMMERCIAL FERTILIZER (1/2 POUND PER CUBIC YARD).

5. IN TREE AND SHRUB PLANTINGS, APPLY AMENDED SOIL TO MINIMUM DEPTH OF 6-12 INCHES. FOR TURF AREAS, TILL 2" QUALITY TOPSOIL INTO 4" DEPTH OF EXISTING SOIL.
   A) CONTRACTOR SHALL PREPARE AND FURNISH PROPER SUBGRADE ELEVATIONS FOR USE BY THE LANDSCAPE CONTRACTOR.
   B) ALL TOPSOIL SHALL BE FREE OF STONES, ROOTS, CLODS, CONCRETE, BASE, CALICHE, CONSTRUCTION DEBRIS, AND ANY OTHER FOREIGN MATERIAL NOT BENEFICIAL FOR PLANT GROWTH

6. ALL TREES AND SHRUB AREAS TO BE MULCHED TO A DEPTH OF 4 INCHES WITH SHREDDED TEXAS NATIVE MULCH IN ADDITION TO THE MANUFACTURED SOIL. MAINTAIN A 6" CLEAR AREA FROM THE BASE OF THE TREE FREE OF MULCH TO ALLOW OXYGEN EXCHANGE.

7. LAY SOD WITHIN 48 HOURS OF HARVESTING. DO NOT LAY SOD IF DORMANT OR IF GROUND IS FROZEN OR MUDDY.

8. LAY SOD TO FORM A SOLID MASS WITH TIGHTLY FITTED JOINTS. BUTT ENDS AND SIDES OF SOD; DO NOT STRETCH OR OVERLAP. STAGGER SOD STRIPS OR PADS TO OFFSET JOINTS IN ADJACENT COURSES. AVOID DAMAGE TO SOIL OR SOD DURING INSTALLATION. TAMP AND ROLL LIGHTLY TO ENSURE CONTACT WITH SOIL, ELIMINATE AIR POCKETS, AND FORM A SMOOTH SURFACE. WORK SIFTED SOIL OR FINE SAND INTO CRACKS BETWEEN PIECES OF SOD; REMOVE EXCESS TO AVOID SMOTHERING SOD AND ADJACENT GRASS.
   A) LAY SOD ACROSS SLOPES EXCEEDING 1:3.
   B) ANCHOR SOD ON SLOPES EXCEEDING 1:6 WITH WOOD PEGS OR STEEL STAPLES SPACED AS RECOMMENDED BY SOD MANUFACTURER BUT NOT LESS THAN TWO ANCHORS PER SOD STRIP TO PREVENT SLIPPAGE.

9. SATURATE SOD WITH FINE WATER SPRAY WITHIN TWO HOURS OF PLANTING. DURING FIRST WEEK AFTER PLANTING, WATER DAILY OR MORE FREQUENTLY AS NECESSARY TO MAINTAIN MOIST SOIL TO A MINIMUM DEPTH OF 1-1/2 INCHES BELOW SOD.

10. GENERAL: MAINTAIN AND ESTABLISH TURF BY WATERING, FERTILIZING, WEEDING, MOWING, TRIMMING, REPLANTING, AND PERFORMING OTHER OPERATIONS AS REQUIRED TO ESTABLISH HEALTHY, VIABLE TURF. ROLL, REGRADE, AND REPLANT BARE OR ERODED AREAS AND REMULCH TO PRODUCE A UNIFORMLY SMOOTH TURF. PROVIDE MATERIALS AND INSTALLATION THE SAME AS THOSE USED IN THE ORIGINAL INSTALLATION. MAINTENANCE PERIOD FOR TURF AREAS ONLY IS 60 DAYS PAST SUBSTANTIAL COMPLETION.

11. MOW TURF AS SOON AS TOP GROWTH IS TALL ENOUGH TO CUT. REPEAT MOWING TO MAINTAIN SPECIFIED HEIGHT WITHOUT CUTTING MORE THAN ONE-THIRD OF GRASS HEIGHT. REMOVE NO MORE THAN ONE-THIRD OF GRASS-LEAF GROWTH IN INITIAL OR SUBSEQUENT MOWINGS.

12. TURF INSTALLATIONS SHALL MEET THE FOLLOWING CRITERIA AS DETERMINED BY LANDSCAPE ARCHITECT:
   A) SATISFACTORY SODDED TURF: AT END OF MAINTENANCE PERIOD, A HEALTHY, WELL-ROOTED, EVEN-COLORED, VIABLE TURF HAS BEEN ESTABLISHED, FREE OF WEEDS, OPEN JOINTS, BARE AREAS, AND SURFACE IRREGULARITIES.
   B) SATISFACTORY SEEDED TURF: AT END OF MAINTENANCE PERIOD, A HEALTHY, UNIFORM, CLOSE STAND OF GRASS HAS BEEN ESTABLISHED, FREE OF WEEDS AND SURFACE IRREGULARITIES, WITH COVERAGE EXCEEDING 90 PERCENT OVER ANY 10 SQ. FT. AND BARE SPOTS NOT EXCEEDING 5 BY 5 INCHES.

13. STEEL EDGING SHALL BE INSTALLED FOR THE FOLLOWING INTERFACES:
   -TURF TO SHRUB
   -TURF TO GROUNDCOVER
   -GROUNCDOVER TO SEASONAL COLOR
   -GROUNDCOVER TO GROUNDCOVER

14. USE SPECIFIED MATERIALS TO REESTABLISH TURF THAT DOES NOT COMPLY WITH REQUIREMENTS, AND CONTINUE MAINTENANCE UNTIL TURF IS SATISFACTORY.

15. SPECIAL WARRANTY: INSTALLER AGREES TO REPAIR OR REPLACE PLANTINGS AND ACCESSORIES THAT FAIL IN MATERIALS, WORKMANSHIP, OR GROWTH WITHIN SPECIFIED WARRANTY PERIOD.
   A) FAILURES INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
      A)A) DEATH AND UNSATISFACTORY GROWTH, EXCEPT FOR DEFECTS RESULTING FROM ABUSE, LACK OF ADEQUATE MAINTENANCE, OR NEGLECTED BY OWNER.
      A)B) STRUCTURAL FAILURES INCLUDING PLANTINGS FALLING OR BLOWING OVER.
   B) WARRANTY PERIODS: FROM DATE OF SUBSTANTIAL COMPLETION.
      B)A) TREES, SHRUBS, VINES, AND ORNAMENTAL GRASSES: 12 MONTHS.
      B)B) GROUNDCOVERS, BIENNIALS, PERENNIALS, AND OTHER PLANTS: 12 MONTHS.

16. LANDSCAPE CONTRACTOR SHALL NOTIFY THE OWNER OF ANY QUESTIONS REGARDING APPLICATION OF PROPOSED PLANT MATERIAL PRIOR TO INSTALLATION - ESPECIALLY QUESTIONS THAT MAY AFFECT OR ALTER THE WARRANTY OF SAID MATERIAL.

17. REMOVE ALL STONES AND DEBRIS LARGER THAN 1 INCH IN ANY DIMENSION ON THE SURFACE IN AREAS WHERE PLANTING OR TURF IS APPLIED.

18. ALL QUANTITIES SHOWN ON PLANS TO BE VERIFIED BY LANDSCAPE CONTRACTOR. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ALL LABELED PLAN MATERIAL ON PLANS.

19. ALL FINAL SHAPING AND RAKING OF THE TOPSOIL/FINISH GRADES SHALL BE REVIEWED BY OWNER PRIOR TO APPLICATION OF PLANT MATERIAL. BERMS, IF REQUIRED SHALL BE INSTALLED IN 12 INCH LAYERS/LIFTS AND COMPACTED. EXCESSIVE SLOPES ON BERMS WHICH MAY CAUSE MAINTENANCE PROBLEMS SHALL BE REVIEWED BY THE OWNER.

20. VERIFY EXISTENCE OF UNDERGROUND UTILITIES PRIOR TO EXCAVATION FOR SITE WORK AND PLANTING.

21. CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO PROTECT EXISTING UTILITIES AT ALL TIMES.

22. ANY EXISTING SITE IMPROVEMENT OR UTILITY REMOVED, DAMAGED, OR UNDERCUT BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED AS DIRECTED BY THE CONTRACTING OFFICER'S REPRESENTATIVE AND APPROVED BY THE RESPECTIVE UTILITY AT THE CONTRACTOR'S EXPENSE.

23. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING TO ITS ORIGINAL OR BETTER CONDITION ANY DAMAGES DONE TO EXISTING FENCES, CONCRETE ISLANDS, STREET PAVING, CURBS, SHRUBS, TREES, DRIVEWAYS, ETC., SCHEDULE TO REMAIN (NO SEPARATE PAY ITEM).

24. TREES WHICH ARE DAMAGED OR LOST DUE TO THE CONTRACTOR'S NEGLIGENCE DURING CONSTRUCTION SHALL BE MITIGATED AND REPLACED AT CONTRACTOR'S EXPENSE.

25. TREES MUST BE MAINTAINED IN GOOD HEALTH THROUGHOUT THE CONSTRUCTION PROCESS. MAINTENANCE MAY INCLUDE, BUT IS NOT LIMITED TO: WATERING THE ROOT PROTECTION ZONE, WASHING FOLIAGE, FERTILIZATION, PRUNING, ADDITIONAL MULCH APPLICATIONS, AND OTHER MAINTENANCE AS NEEDED ON THE PROJECT.

26. ALL DISTURBED AREAS WITHIN LIMITS OF CONSTRUCTION NOT ADDRESSED ON PLANTING PLANS SHALL BE HYDROMULCHED AS DESCRIBED ON PLANS.

27. EXISTING ROOTS SHALL BE CUT WITH A ROCK SAW OR BY HAND, NOT BY AN EXCAVATOR OR OTHER ROAD CONSTRUCTION EQUIPMENT.

28. PLANT LIST IS AN AID TO BIDDERS ONLY. CONTRACTOR SHALL VERIFY ALL QUANTITIES ON PLAN.

29. ALL HEIGHTS AND SPREADS ARE MINIMUMS. ALL PLANT MATERIAL SHALL MEET OR EXCEED REMARKS AS INDICATED.

PLANT SCHEDULE

SYMBOL	CODE	QTY	COMMON / BOTANICAL NAME	CALIPER	CONTAINER	HEIGHT	SPREAD
TREES							
	ULM CRA	8	CEDAR ELM ULMUS CRASSIFOLIA	3" CAL.		10`-12`	8'-10'
	CER MXN	1	MEXICAN REDBUD CERCIS CANADENSIS MEXICANA	2" CAL.		8`-10`	8'-10'

SYMBOL	CODE	QTY	COMMON / BOTANICAL NAME	CONTAINER	HEIGHT	SPREAD	SPACING
SHRUBS							
	SAL	139	AUTUMN SAGE SALVIA GREGGII	1 GAL	10"-12"	10"-12"	24" O.C.
	STA	38	BIG EARS LAMB'S EAR STACHYS BYZANTINA 'BIG EARS'	1 GAL	8"-10"	8"-10"	18" O.C.
	BES	64	BLACK EYED SUSAN RUDBECKIA FULGIDA SULLIVANTII 'GOLDSTURM'	1 GAL.	12"-14"	12"-14"	24" O.C.
	BMF	45	BLUE MISTFLOWER EUPATORIUM COELESTINUM	1 GAL	12"-18"	12"-18"	24" O.C.
	CMT	30	CATMINT NEPETA X FAASSENII	1 GAL.	12"-18"	12"-18"	18" O.C.
	ECH	43	CONEFLOWER ECHINACEA PURPUREA	1 GAL	12"-14"	10"-12"	24" O.C.
	FAS	74	FALL ASTER SYMPHYOTRICHUM OBLONGIFOLIUM	1 GAL.	10"-12"	10"-12"	24" O.C.
	LAN	8	GOLDRUSH LANTANA LANTANA X 'GOLDRUSH'	3 GAL	10"-12"	12"-18"	30" OC
	JER	41	JERUSALEM SAGE PHLOMIS FRUTICOSA	3 GAL.	16"-18"	16"-18"	42" O.C.
	LLC	23	LANCELEAF COREOPSIS COREOPSIS LANCEOLATA	1 GAL.	10"-12"	10"-12"	18" O.C.
	MON	30	LEMON BEE BALM MONARDA CITRIODORA	1 GAL	8"-10"	8"-10"	18" O.C.
	OBP	3	OBEDIENT PLANT PHYSOSTEGIA VIRGINIANA	1 GAL.	12"-18"	10"-12"	36" O.C.
	TXS	83	TEXAS SAGE LEUCOPHYLLUM FRUTESCENS	5 GAL.	20"-24"	24"-26"	48" O.C.
	TUR	17	TURK`S CAP MALVAVISCUS DRUMMONDII	3 GAL.	16"-18"	12"-24"	36" O.C.
	WMF	4	WHITE MISTFLOWER AGERATINA HAVANENSIS	1 GAL.	12"-15"	12"-18"	24" O.C.
GRASSES							
	BBM	58	BAMBOO MUHLY MUHLENBERGIA DUMOSA	3 GAL.	12"-18"	12"-18"	30" O.C.
	GCM	173	GULF COAST MUHLY MUHLENBERGIA CAPILLARIS `GULF COAST`	3 GAL	20"-24"	FULL	30" O.C.
	ISO	31	INLAND SEA OATS CHASMANTHIUM LATIFOLIUM	1 GAL	12"-18"	16"-18"	24" O.C.
	TSG	88	TEXAS SEDGE CAREX RETROFLEXA TEXENSIS	1 GAL	8"-10"	12"-14"	12" O.C.

SYMBOL	CODE	QTY	COMMON / BOTANICAL NAME	CONTAINER	HEIGHT	SPREAD	SPACING	SPACING
GROUND COVERS								
	HDM	6,819 SF	HARDWOOD MULCH HARDWOOD MULCH	NATIVE, DOUBLE-SHREDDED				
SOD/SEED								
	BMG2	8,269 SF	AD ALTERNATE: SOLID SOD CYNODON DACTYLON SOLID SOD BERMUDA AT NEW PLAYGROUND FIELD (SUB FOR ARTIFICAL TURF).	SOLID SOD				
	BMG	553 SF	SOLID SOD CYNODON DACTYLON	SOLID SOD				

Fulkes Addition Foundation Screening

Landscape Feature	Points	Column1	count	total
ornamental tree		15 per each	1	15
large shrub		5 per each	21	105
small shrub		3 per each	141	423
groundcover planting		2 per sq ft	0	0
TOTAL				**543**
Points required (linear ft of street facing fascade x2):				**178**

Berkman Addition Foundation Screening

Landscape Feature	Points	Column1	count	total
ornamental tree		15 per each	0	0
large shrub		5 per each	29	145
small shrub		3 per each	116	348
groundcover planting		2 per sq ft	0	0
TOTAL				**493**
Points required (linear ft of street facing fascade x2):				**164**

NOTE:
1. TURF GRASS CONSTITUTES 7.5% OF THE TOTAL IMPERVIOUS SITE (AREA WITHIN LIMITS OF CONSTRUCTION).

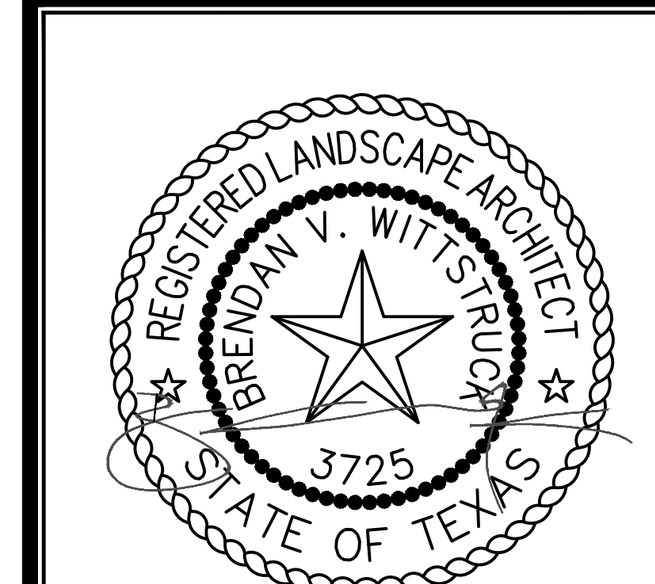
REVISIONS

NO.	DATE	DESCRIPTION

PLANTING NOTES & SCHEDULE

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXENG FIRM F-1114)

BERKMAN ES ADDITION &
FULKES MS MEETING HALL ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS



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JOB NO. B013728.001
DESIGNED BY: KER
DRAWN BY: SGH
CHECKED BY: BVW
DATE: 10/30/25
SHEET: L4.04

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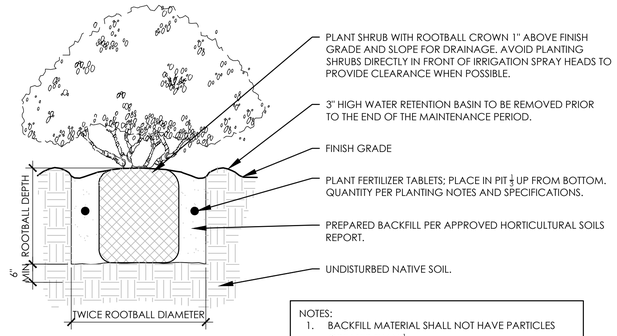
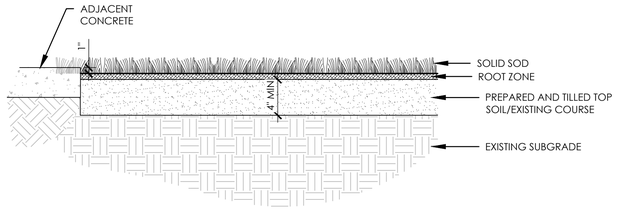
PLOTTED BY: Kelsey Ross
PLOTTED ON: Friday, October 24, 2025



NOTES:
1. BACKFILL MATERIAL SHALL NOT HAVE PARTICLES GREATER THAN ½".
2. PLANT PIT HOLE TO BE EXCAVATED TO 1 ½ TIMES THE DEPTH AND 2 TIMES THE DIAMETER OF THE ORIGINAL CONTAINER. SCARIFY BOTTOM AND SIDES OF PLANT PIT PRIOR TO BACKFILL.

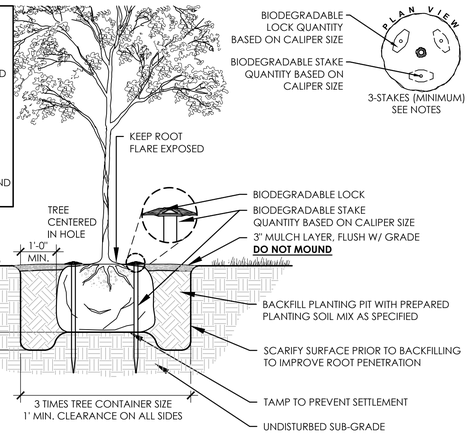
A **SHRUB PLANTING** SCALE: N.T.S.

NOTES:
1. LAY SOD THE SAME DAY AS DELIVERY
2. REMOVE WEEDS, TRASH AND ANY ROCKS OR CLUMPS OF SOIL LARGER THAN 1".
3. EXCAVATE EXISTING SOIL TO ALLOW FOR INSTALLATION OF QUALITY TOP SOIL AT A MINIMUM DEPTH OF 4", IN ALL AREAS TO RECEIVE SOD.
4. TILL 2" OF QUALITY TOP SOIL TO A DEPTH OF 4" IN ALL AREAS TO RECEIVE SOD.
5. FINE GRADE TILLED AND PREPPED SOIL PER GRADING PLANS TO MINIMIZE DRAINAGE ISSUES.
6. WATER SOIL UNTIL LIGHTLY MOISTENED BEFORE LAYING SOD.
7. LAY SOD ALONG SIDEWALK EDGE AND WORK OUTWARD, MAKING SURE ALL PIECES ARE ROLLED OUT IN THE SAME DIRECTION.
8. LAY SOD IN A STAGGERED BOND PATTERN, ENSURING THAT EDGES ARE BUTTED UP TIGHTLY AGAINST EACH OTHER, LEAVING NO GAPS AT SEAMS.
9. FERTILIZE SOLID SOD USING A HIGH PHOSPHATE STARTER PER THE MANUFACTURER'S RECOMMENDATIONS.
10. WATER SOLID SOD AREA, KEEPING THE AREA MOIST FOR TWO WEEKS OR UNTIL FULLY ESTABLISHED.
11. AFTER TWO WEEKS, REPLACE ANY DEAD OR DECLINING AREAS OF SOD.



B **SOLID SOD ON PREPARED BASE** SCALE: 1" = 1'-0"

NOTES:
1. TREE TO BE PLANTED IN SOIL WITHOUT HIGH CONTENT OF CLAY OR HIGH CONTENT OF SAND.
2. ANY TREE PRUNING AT THE TIME OF INSTALLATION SHALL BE COORDINATED WITH OWNER'S REPRESENTATIVE.
3. INSTALL STAKING SYSTEM AS PER MANUFACTURER'S INSTRUCTIONS (MIN. 3 PER TREE)
   WWW.ARBORSTAKES.COM
   TEL. 214-810-6678
   OR APPROVED EQUAL
4. ALL TREES TO RECEIVE ARBORTSTAKES OR APPROVED EQUAL BELOW GROUND TREE STAKES.



C **SINGLE TRUNK TREE PLANTING** SCALE: 1/2" = 1'-0"

REVISIONS

NO.	DATE	DESCRIPTION

PLANTING DETAILS

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXENG FIRM F-1114)

BERKMAN ES ADDITION &
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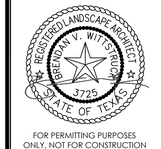

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JOB NO.	B013728.001
DESIGNED BY:	KER
DRAWN BY:	SGH
CHECKED BY:	BVW
DATE:	10/30/25
SHEET:	L4.05

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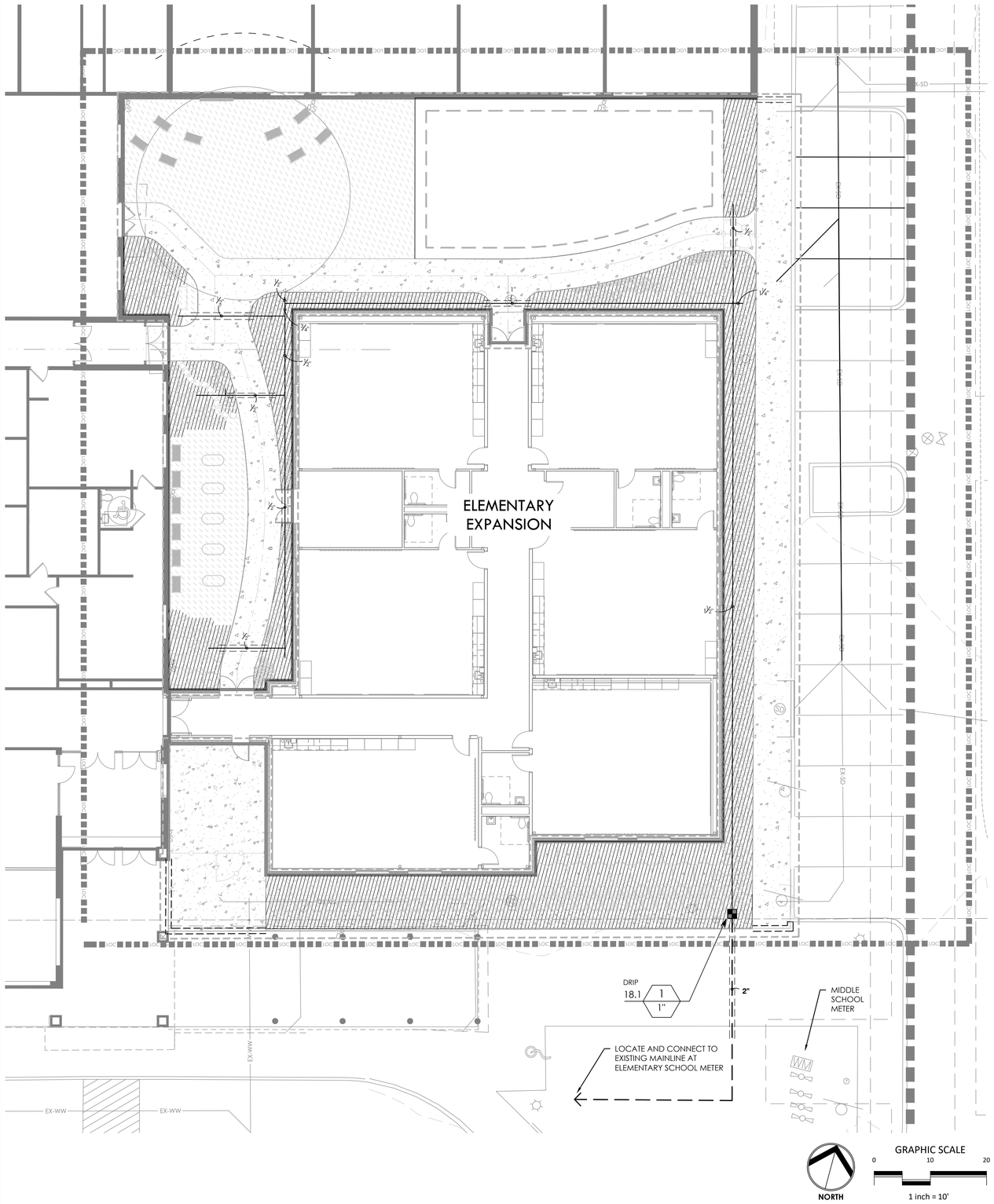
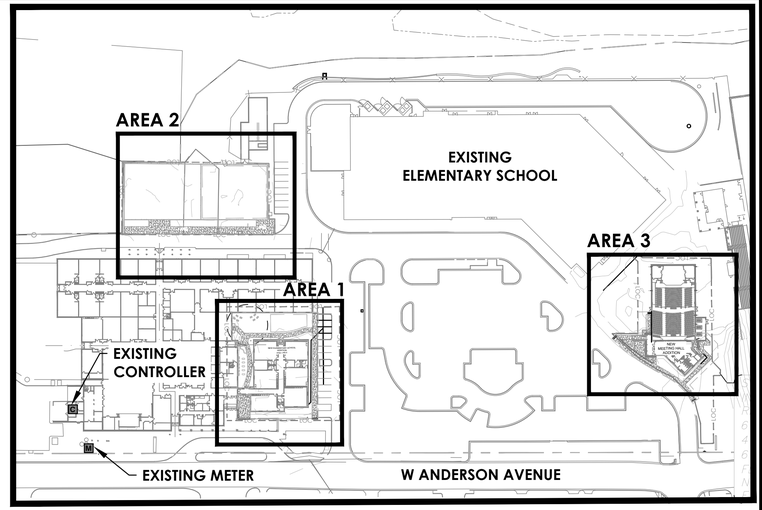
PLOTTED BY: Kelsey Ryan
PLOTTED ON: Friday, October 24, 2025





SITE MAP

EXISTING IRRIGATION NOTES:

1. REMOVE AND STORE ALL IRRIGATION EQUIPMENT IN CONSTRUCTION AREA FOR RE-USE.
2. LOCATE EXISTING METER AND MAINLINE, PROTECT IN PLACE.
3. CONNECT ALL NEW VALVES TO EXISTING MAINLINE.
4. WIRE ALL NEW VALVES TO THE EXISTING CONTROLLER.
5. REPAIR AND REPLACE ALL EXISTING IRRIGATION DAMAGED DURING CONSTRUCTION.
6. TEST ALL NEW AND EXISTING IRRIGATION TO ENSURE THE SYSTEM IS IN WORKING ORDER.
7. TEST CONTROLLER TO ENSURE ALL NEW AND EXISTING ZONES ARE CONNECTED AND IN WORKING ORDER.

WATER CONNECTION
LOCATE CLOSEST MAINLINE AND CONNECT NEW IRRIGATION. THE EXISTING METER FOR THIS AREA MUST BE ABLE TO ACCOMMODATE NEW ZONES.
CONNECT 1 NEW VALVE WITH WIRES TO EXISTING CONTROLLER.

IRRIGATION SCHEDULE AREA 1

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	DRIP VALVE 1": RAIN BIRD XCZ-100-PRF MEDIUM FLOW DRIP CONTROL KIT, 1IN. DV VALVE, 1IN. PRESSURE REGULATING FILTER, 40PSI PRESSURE REGULATOR. 5 GPM-20 GPM.
	AREA TO RECEIVE DRIPLINE DRIP AREA: RAIN BIRD XFS-CV-04-12 XFS-CV SUB-SURFACE AND ON-SURFACE LANDSCAPE DRIPLINE WITH A HEAVY-DUTY 4.3 PSI CHECK VALVE. 0.4 GPH EMITTERS AT 12" O.C. DRIPLINE LATERALS SPACED AT 12" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN. SPECIFY XF INSERT FITTINGS.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40
	IRRIGATION MAINLINE: PVC SCHEDULE 40 2" MINIMUM MAINLINE
	PIPE SLEEVE: PVC SCHEDULE 40

Valve Callout
Valve Number
Valve Flow
Valve Size

REVISIONS

NO.	DATE	DESCRIPTION

IRRIGATION PLAN

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXENG FIRM F-1114)

BERKMAN ES ADDITION &
FULKES MS MEETING HALL ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

STATE OF TEXAS
JANEL MOODY
20529
LICENSED IRRIGATOR
FOR PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION

JOB NO.	B013728.001
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	BVW
DATE:	10/30/25
SHEET:	L5.01

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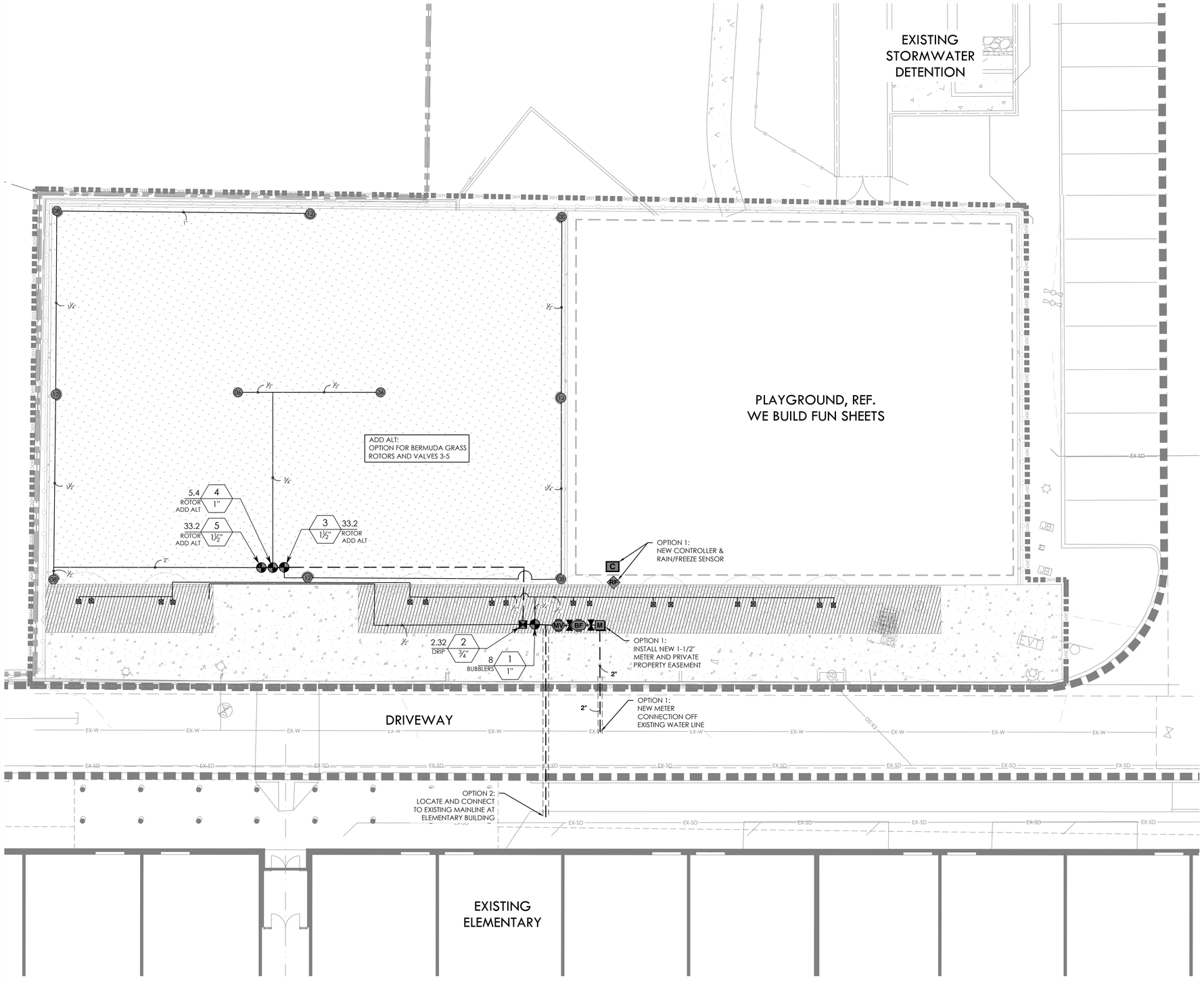
PLOTTED BY: Kelsey Ross
PLOTTED ON: Friday, October 24, 2025



EXISTING IRRIGATION NOTES:

1. REMOVE AND STORE ALL IRRIGATION EQUIPMENT IN CONSTRUCTION AREA FOR RE-USE.
2. LOCATE EXISTING METER AND MAINLINE, PROTECT IN PLACE.
3. CONNECT ALL NEW VALVES TO EXISTING MAINLINE.
4. WIRE ALL NEW VALVES TO THE EXISTING CONTROLLER.
5. REPAIR AND REPLACE ALL EXISTING IRRIGATION DAMAGED DURING CONSTRUCTION.
6. TEST ALL NEW AND EXISTING IRRIGATION TO ENSURE THE SYSTEM IS IN WORKING ORDER.
7. TEST CONTROLLER TO ENSURE ALL NEW AND EXISTING ZONES ARE CONNECTED AND IN WORKING ORDER.

OPTIONS FOR WATER CONNECTION

OPTION 1: INSTALL NEW 1-1/2" METER
INSTALL NEW CONTROLLER AND RAIN/FREEZE SENSOR.

OPTION 2: BORE SOUTH UNDER EXISTING DRIVEWAY. LOCATE CLOSEST MAINLINE AND CONNECT FOR NEW IRRIGATION AT PLAY AREA. THE EXISTING METER FOR THIS AREA MUST BE ABLE TO ACCOMMODATE NEW ZONES.
CONNECT 5 NEW VALVES WITH WIRES TO EXISTING CONTROLLER.

IRRIGATION SCHEDULE AREA 2

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
CST Q H F	TREE BUBBLER: RAIN BIRD 1802-5 SERIES STREAM STREAM BUBBLER INSTALLED ON 2IN. POPUP BODY.
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
ADD ALT 04	ROTOR: HUNTER PGP-ADJ 06 TURF ROTOR, 4IN. POP-UP. ADJUSTABLE AND FULL CIRCLE. STANDARD ANGLE RED NOZZLE. LOWER PRECIPITATION RATE.
ADD ALT 08	ROTOR: HUNTER PGP-ADJ 08 TURF ROTOR, 4IN. POP-UP. ADJUSTABLE AND FULL CIRCLE. STANDARD ANGLE RED NOZZLE. LOWER PRECIPITATION RATE.
ADD ALT 12	ROTOR: HUNTER PGP-ADJ 12 TURF ROTOR, 4IN. POP-UP. ADJUSTABLE AND FULL CIRCLE. STANDARD ANGLE RED NOZZLE. LOWER PRECIPITATION RATE.
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	DRIP VAVLE 3/4": RAIN BIRD LFV-075 3/4IN. LOW FLOW DV VALVE
	AREA TO RECEIVE DRIPLINE DRIP AREA: RAIN BIRD XFS-CV-04-12 XFS-CV SUB-SURFACE AND ON-SURFACE LANDSCAPE DRIPLINE WITH A HEAVY-DUTY 4.3 PSI CHECK VALVE. 0.4 GPH EMITTERS AT 12" O.C. DRIPLINE LATERALS SPACED AT 12" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN. SPECIFY XF INSERT FITTINGS.
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
(3)ADD ALT FOR ROTORS	REMOTE CONTROL VALVE: RAIN BIRD PEB-PRS-D 1IN., 1-1/2IN., 2IN. PLASTIC INDUSTRIAL REMOTE CONTROL VALVE. LOW FLOW OPERATING CAPABILITY, GLOBE CONFIGURATION. WITH PRESSURE REGULATOR MODULE.
OPTION 1	SHUT OFF VALVE PVC SCHEULE 40 BALL VALVE, SLIP X SLIP
OPTION 1 MV	MASTER VALVE: RAIN BIRD PEB 1-1/2" 1IN., 1-1/2IN., 2IN., 3IN. PLASTIC INDUSTRIAL MASTER VALVES. LOW FLOW OPERATING CAPABILITY, GLOBE CONFIGURATION.
OPTION 1 BF	BACKFLOW: FEBCO 850 1-1/2" DOUBLE CHECK BACKFLOW PREVENTION
OPTION 1 C	EXITING CONTROLLER: RAIN BIRD ESP-LXD 50 STATION, 2-WIRE DECODER BASED CONTROLLER. (1) ESP-LXD 50-STATION, INDOOR/OUTDOOR, PLASTIC WALL-MOUNT ENCLOSURE. SYSTEM REQUIREMENTS: RAIN BIRD FD-XXX-TURF FIELD DECODERS, PAIGE ELECTRIC CABLE P7072D & RAIN BIRD WC20 DRY SPLICES ONLY. GROUND SYSTEM W/ (X) LSP-1TURF LINE SURGE PROTECTORS IN RAIN BIRD ROUND VALVE BOXES. INSTALL PER MANUFACTURERS RECOMMENDATIONS.
OPTION 1 RF	RAIN/FREEZE SENSOR: RAIN BIRD WR2-RFC WIRELESS RAIN AND FREEZE SENSOR COMBO, INCLUDES 1 RECEIVER AND 1 RAIN/FREEZE SENSOR TRANSMITTER.
OPTION 1 M	WATER METER 1-1/2" ASSUMED STATIC PRESSURE OF 65 PSI.
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40
	IRRIGATION MAINLINE: PVC SCHEDULE 40 2" MINIMUM MAINLINE
	PIPE SLEEVE: PVC SCHEDULE 40

Valve Callout
Valve Number
Valve Flow
#" Valve Size

REVISIONS

NO.	DESCRIPTION	DATE

IRRIGATION PLAN

BERKMAN ES ADDITION &
FULKES MS MEETING HALL ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
[TXENG FIRM F-1114]

STATE OF TEXAS
JANEL MOODY
20529
LICENSED LANDSCAPE ARCHITECT
FOR PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION

JOB NO.	B013728.001
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	BVW
DATE:	10/30/25
SHEET:	L5.02

FILE PATH: P:\013700\013728.001\11 PLA\Drawings\Plot Sheets\13728-Irrigation Plan

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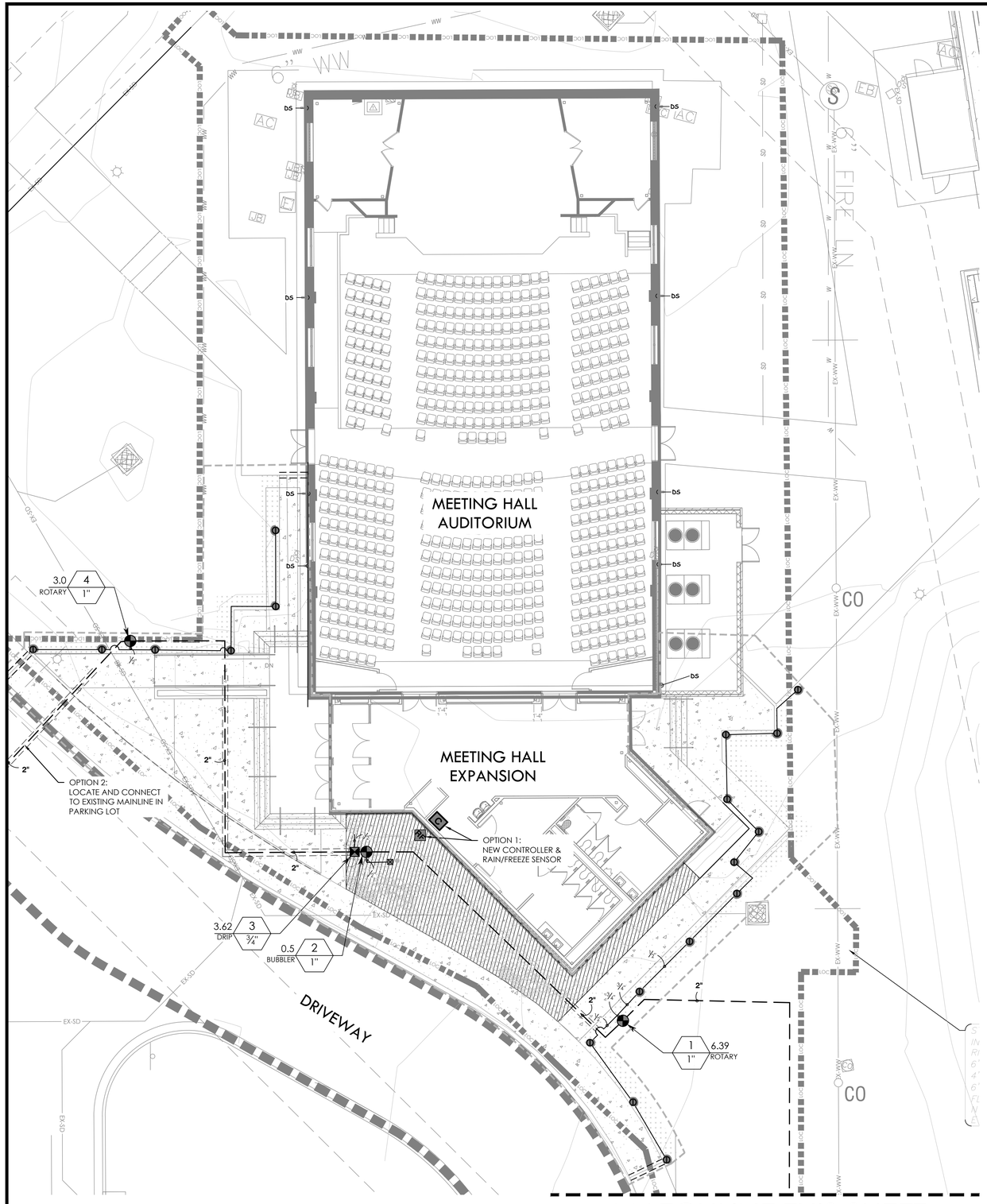
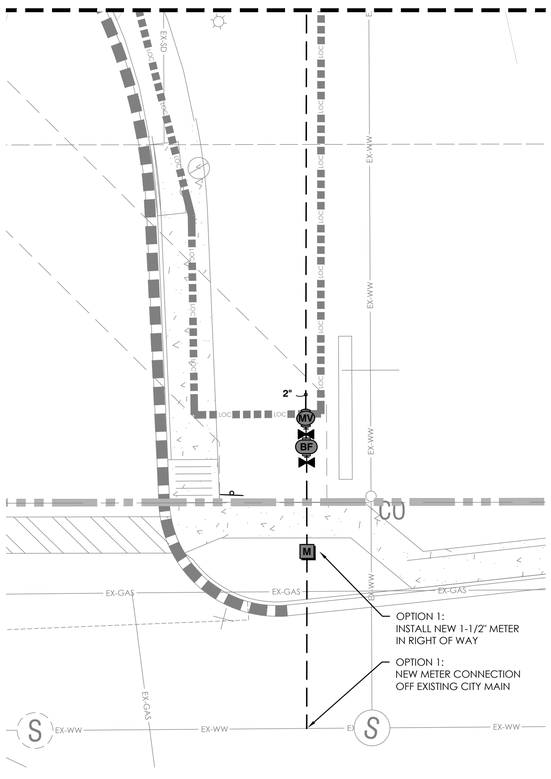
PLOTTED BY: Janel Moody
PLOTTED ON: Friday, October 24, 2025





EXISTING IRRIGATION NOTES:

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3. CONNECT ALL NEW VALVES TO EXISTING MAINLINE.
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5. REPAIR AND REPLACE ALL EXISTING IRRIGATION DAMAGED DURING CONSTRUCTION.
6. TEST ALL NEW AND EXISTING IRRIGATION TO ENSURE THE SYSTEM IS IN WORKING ORDER.
7. TEST CONTROLLER TO ENSURE ALL NEW AND EXISTING ZONES ARE CONNECTED AND IN WORKING ORDER.

OPTIONS FOR WATER CONNECTION
OPTION 1: INSTALL NEW 1-1/2" METER
INSTALL NEW CONTROLLER AND RAIN/FREEZE SENSOR.

OPTION 2: BORE SOUTH UNDER EXISTING DRIVEWAY. LOCATE CLOSEST MAINLINE AND CONNECT FOR NEW IRRIGATION AT AUDITORIUM. THE EXISTING METER FOR THIS AREA MUST BE ABLE TO ACCOMMODATE NEW ZONES.
CONNECT 4 NEW VALVES WITH WIRES TO EXISTING CONTROLLER.

IRRIGATION SCHEDULE AREA 3

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
U 14ADJ U 14F	MP ROTATOR: RAIN BIRD R-VAN14 1804-SAM-P45 TURF ROTARY, 8FT.-14FT. 45-270 DEGREES AND 360 DEGREES. HAND ADJUSTABLE MULTI-STREAM ROTARY W/1800 TURF SPRAY BODY ON 4IN. POP-UP, WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR. 1/2IN. NPT FEMALE THREADED INLET.
CST Q H F	TREE BUBBLER: RAIN BIRD 1802-5 SERIES STREAM STREAM BUBBLER INSTALLED ON 2IN. POPUP BODY.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	DRIP VAVLE 3/4": RAIN BIRD LFV-075 3/4IN. LOW FLOW DV VALVE
	AREA TO RECEIVE DRIPLINE DRIP AREA: RAIN BIRD XFS-CV-04-12 XFS-CV SUB-SURFACE AND ON-SURFACE LANDSCAPE DRIPLINE WITH A HEAVY-DUTY 4.3 PSI CHECK VALVE, 0.4 GPH EMITTERS AT 12" O.C. DRIPLINE LATERALS SPACED AT 12" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN. SPECIFY XF INSERT FITTINGS.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	REMOTE CONTROL VALVE: RAIN BIRD PEB-PRS-D 1IN., 1-1/2IN., 2IN. PLASTIC INDUSTRIAL REMOTE CONTROL VALVE. LOW FLOW OPERATING CAPABILITY, GLOBE CONFIGURATION. WITH PRESSURE REGULATOR MODULE.
OPTION 1	SHUT OFF VALVE PVC SCHEULE 40 BALL VALVE, SLIP X SLIP
OPTION 1 MV	MASTER VALVE: RAIN BIRD PEB 1-1/2" 1IN., 1-1/2IN., 2IN., 3IN. PLASTIC INDUSTRIAL MASTER VALVES. LOW FLOW OPERATING CAPABILITY, GLOBE CONFIGURATION.
OPTION 1 BF	BACKFLOW: FEBCO 850 1-1/2" DOUBLE CHECK BACKFLOW PREVENTION
OPTION 1 C	EXITING CONTROLLER: RAIN BIRD ESP-LXD 50 STATION, 2-WIRE DECODER BASED CONTROLLER. (1) ESP-LXD 50-STATION, INDOOR/OUTDOOR, PLASTIC WALL-MOUNT ENCLOSURE. SYSTEM REQUIREMENTS: RAIN BIRD FD-XXX-TURF FIELD DECODERS, PAIGE ELECTRIC CABLE P7072D & RAIN BIRD WC20 DRY SPLICES ONLY. GROUND SYSTEM W/ (X) LSP-1TURF LINE SURGE PROTECTORS IN RAIN BIRD ROUND VALVE BOXES. INSTALL PER MANUFACTURERS RECOMMENDATIONS.
OPTION 1 RF	RAIN/FREEZE SENSOR: RAIN BIRD WR2-RFC WIRELESS RAIN AND FREEZE SENSOR COMBO, INCLUDES 1 RECEIVER AND 1 RAIN/FREEZE SENSOR TRANSMITTER.
OPTION 1 M	WATER METER 1-1/2" ASSUMED STATIC PRESSURE OF 65 PSI.
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40
	IRRIGATION MAINLINE: PVC SCHEDULE 40 2" MINIMUM MAINLINE
	PIPE SLEEVE: PVC SCHEDULE 40

Valve Callout
Valve Number
Valve Flow
#" Valve Size

NORTH

GRAPHIC SCALE
0 10 20
1 inch = 10'

REVISIONS

NO.	DATE	DESCRIPTION

IRRIGATION PLAN

BERKMAN ES ADDITION &
FULKES MS MEETING HALL ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXENGFIRM I-1114)

STATE OF TEXAS
JANEL MOODY
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LICENSED LANDSCAPE ARCHITECT
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DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	BVW
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SHEET:	L5.03

FILE PATH: P:\013700\013728\001\PLN\Drawings\Plot Sheets\13728-Irrigation Plan

FILENAME: 13728-Irrigation Plan.dwg
PLOTTED BY: Mollie Wilson
PLOTTED ON: Friday, October 24, 2025

BERKMAN AND FULKES / RRISD IRRIGATION NOTES:

- DO NOT EXCEED THE MANUFACTURER'S PUBLISHED RADIUS OR SPACING BETWEEN EMISSION DEVICES.
- NEW IRRIGATION SYSTEMS MAY NOT UTILIZE ABOVE-GROUND SPRAY EMISSION DEVICES IN LANDSCAPES THAT ARE LESS THAN 60 INCHES (NOT INCLUDING IMPERVIOUS SURFACES) IN EITHER LENGTH OR WIDTH AND THAT HAVE PEDESTRIAN OR VEHICULAR TRAFFIC SURFACES ON TWO OR MORE SIDES.
- DO NOT USE ANY COMPONENT (INCLUDING THE WATER METER) IN A WAY THAT EXCEEDS THE MANUFACTURER'S PUBLISHED PERFORMANCE LIMITATIONS FOR THE COMPONENT.
- POP-UP SPRAYS OR ROTARY SPRINKLER HEADS USED IN NEW IRRIGATION SYSTEMS MUST:
- DIRECT FLOW AWAY FROM ADJACENT SURFACES; AND
- BE INSTALLED NO CLOSER THAN FOUR INCHES FROM A HARDSCAPE.
- EMISSION DEVICES MUST BE INSTALLED TO OPERATE BETWEEN THE MINIMUM AND THE MAXIMUM SPRINKLER HEAD PRESSURE AS PUBLISHED BY THE MANUFACTURER FOR THE NOZZLE AND HEAD SPACING THAT IS USED.
- THE FLOW OF WATER IN POLYVINYL CHLORIDE (PVC) PIPE CANNOT EXCEED A VELOCITY OF FIVE FEET PER SECOND.
- SEPARATE ZONES SHOULD BE USED BASED ON PLANT MATERIAL TYPE, MICROCLIMATE FACTORS, TOPOGRAPHIC FEATURES, SOIL CONDITIONS, AND HYDROLOGICAL REQUIREMENTS.
- ALL EMISSION DEVICES IN A ZONE SHOULD IRRIGATE AT THE SAME PRECIPITATION RATE.
- NO SPRAYING OF WATER OVER IMPERVIOUS MATERIALS.
- MASTER VALVE MUST BE INSTALLED ON THE DISCHARGE SIDE OF THE BACKFLOW PREVENTION DEVICE.
- PVC PIPE PRIMER SOLVENT MUST BE PRIMED WITH COLORED PRIMER PRIOR TO APPLYING PVC CEMENT AND BE INSTALLED IN ACCORDANCE WITH THE UNIFORM PLUMBING CODE (SECTION 316) OR THE INTERNATIONAL PLUMBING CODE (SECTION 605).
- AN ISOLATION VALVE IS REQUIRED BETWEEN THE WATER METER AND THE BACKFLOW PREVENTION DEVICE.
- PIPING MUST BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S PUBLISHED SPECIFICATIONS FOR DEPTH OF PIPE COVERAGE.
- IF THE MANUFACTURER DOES NOT SPECIFY DEPTH COVERAGE FOR PIPE, THE PIPE MUST BE BURIED AT LEAST SIX INCHES DEEP. THE PIPE MUST BE COVERED WITH SIX INCHES OF SELECT BACKFILL BETWEEN THE TOP OF THE PIPE AND THE NATURAL GRADE OF THE TOPSOIL. MOUNDING WITH SELECT BACKFILL MAY BE USED IN SOME INSTANCES BUT MUST BE NOTED ON THE IRRIGATION PLAN AND DISCUSSED WITH THE IRRIGATION SYSTEM OWNER TO ADDRESS SAFETY ISSUES. (NOTE THAT MOUNDING IS APPROPRIATE ONLY IF THE AREA BEING IRRIGATED IS ROCK AND LINES CANNOT BE BURIED AT THE APPROPRIATE DEPTH.)
- TRENCHES AND HOLES MUST BE BACKFILLED AND COMPACTED TO THE ORIGINAL GRADE.
- WIRING USED TO CONNECT AN AUTOMATIC CONTROLLER TO ANY ELECTRICAL COMPONENT OF THE IRRIGATION SYSTEM MUST BE LISTED BY THE UNDERWRITERS LABORATORIES AS ACCEPTABLE FOR BURIAL UNDERGROUND.
- ELECTRICAL WIRING CONNECTED TO AN IRRIGATION SYSTEM MUST BE SIZED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- ELECTRICAL SPLICES THAT MAY BE EXPOSED TO MOISTURE MUST BE WATERPROOFED AS CERTIFIED BY THE WIRE SPLICE MANUFACTURER.
- UNDERGROUND ELECTRICAL WIRE USED IN AN IRRIGATION SYSTEM MUST BE BURIED WITH A MINIMUM OF SIX INCHES OF SELECT BACKFILL.
- NO DRINKING OR DOMESTIC USE CONNECTIONS (SUCH AS FILLING SWIMMING POOLS OR DECORATIVE FOUNTAINS) FROM THE IRRIGATION SYSTEM ARE ALLOWED.
- IF A HOSE BIB IS CONNECTED TO AN IRRIGATION SYSTEM, IT MUST BE INSTALLED USING A QUICK COUPLER KEY INSTALLED IN A COVERED PURPLE VALVE BOX. THE HOSE BIB AND HOSES CONNECTED TO THE BIB MUST BE LABELED "NON-POTABLE, NOT SAFE FOR DRINKING." AN ISOLATION VALVE MUST BE INSTALLED UPSTREAM OF THE QUICK COUPLER.
- SEPARATE ZONES SHOULD BE USED BASED ON PLANT MATERIAL TYPE, MICROCLIMATE FACTORS, TOPOGRAPHIC FEATURES, SOIL CONDITIONS, AND HYDROLOGICAL REQUIREMENTS.
- COMMERCIAL GRADE SPRINKLER IRRIGATION SYSTEM WITH AUTOMATIC OPERATION WILL BE USED AT THE PERIMETER OF THE BUILDING AND AT THE MAIN FOOTBALL FIELD.
- PROVIDE SWIVEL FITTINGS AT ALL HEADS.
- PIPING AT SWIVEL HEADS SHALL BE SCHEDULE 80 PVC WITH "MARLEX" CRYSTALLINE POLYPROPYLENE FITTINGS.
- NO MANIFOLD CONNECTIONS AT VALVES.
- HOSE BIB QUICK CONNECTORS
- PROVIDE ADEQUATE NUMBER OF QUICK CONNECTOR TYPE HOSE BIBBS IN IRRIGATION LINES (AND AT LEAST TWENTY FEET AWAY FROM BUILDING) LOCATED AROUND THE BUILDING, NO FURTHER THAN 200 FEET APART.
- SPECIFY QUICK COUPLERS EQUAL TO "RAINBIRD #3 DRC".
- HOSE BIBB SHALL BE INSTALLED IN ACCESS BOXES AS CALLED FOR BELOW.
- ALL HOSE BIBBS ON IRRIGATION SHALL BE MARKED NON-POTABLE.
- MAIN FOOTBALL FIELD: SPECIFY 1" HOSE BIBB; ONE AT EACH END, 5 FOOT OUT OF EACH END ZONE; AND ONE AT EACH SIDE 5 FEET FROM THE SIDELINE AT 50-YARD LINE.
- PIPING AT SWIVEL HEADS SHALL BE SCHEDULE 80 PVC WITH "MARLEX" CRYSTALLINE POLYPROPYLENE FITTINGS.
- PRESSURE LINE PIPING SHALL BE SCHEDULE 40 PVC, 3/4-INCH.
- LATERAL NON PRESSURE PIPE SHALL BE SCHEDULE 40 PVC.
- PIPING SHALL BE MINIMUM 12-INCHES DEEP, 24-INCHES MAXIMUM.
- PIPING MAY BE LAID IN A COMMON TRENCH WITH PIPES SIDE BY SIDE BUT NOT STACKED.
- PROVIDE SEPARATE DITCHES FOR SUPPLY LINES TO EACH CONTROL VALVE.
- USE BALL VALVES
- PROVIDE MAIN CUT-OFF VALVES FOR INDIVIDUAL PRACTICE FIELDS.
- PROVIDE CUT-OFF BEFORE EVERY ZONE CONTROL VALVE. PVC BALL VALVE.
- WHERE AUTOMATIC CONTROLLERS ARE LOCATED ON THE EXTERIOR OF THE BUILDING, PROVIDE GRAY ENAMEL PAINTED STEEL, LOCKABLE, NEMA TYPE ENCLOSURE AND MOUNT CONTROLLERS INSIDE ENCLOSURE. RAINBIRD ONLY.
- PROVIDE PLASTIC ACCESS BOXES FOR CUT-OFF VALVES, MANUAL AND AUTOMATIC CONTROL VALVES, A SINGLE BACKFLOW PREVENTER, AND HOSE BIBBS. LOCATE BETWEEN FIELD AND TRACK.
- PROVIDE CONCRETE BOX WITH REMOVABLE TRAFFIC RATED STEEL LID AT DOUBLE BACK FLOW PREVENTER. DIMENSIONS OF BOX SHALL PROVIDE CLEARANCES OF 24-INCHES ON TESTING END AND 12-INCHES ON ALL OTHER SIDES AND ENDS.
- CLEARANCE AT ENDS SHALL BE ADEQUATE TO OPERATE VALVES.
- PROVIDE SAND CUSHION AND SAND BACKFILL MATERIAL A MINIMUM OF 4" AROUND PIPE.
- NO ROCKS ARE ALLOWED IN THE BACKFILL MATERIAL.
- PROVIDE MINIMUM 12-INCHES OF COVERAGE OR AS REQUIRED BY LOCAL CODES.
- REFERENCE GEOTECH REPORT.
- PROVIDE SLEEVES FOR IRRIGATION LINES WHERE THEY EXTEND UNDER WALKS, DRIVES, AND PARKING LOTS.
- SLEEVES SHALL BE SCHEDULE 40 PVC AND MINIMUM OF 4-INCHES IN DIAMETER. INSTALL WIRE LOCATOR IN TRENCH ALONGSIDE PIPE.
- INSTALL DOUBLE CHECK BACK FLOW PREVENTION DEVICES BELOW GRADE IN A LOCATION READILY ACCESSIBLE FOR TESTING AND SERVICE.
- NO DRIP SYSTEM IS TO BE INSTALLED AROUND TREES. ONLY THE USE OF BUBBLERS TO IRRIGATE TREES.
- SHOULD BE RAINBIRD WITH A SHUT OFF VALVE BEFORE THE SOLENOID. THEY SHOULD HAVE A MATERIAL OTHER THAN PVC SCREWED INTO THE FEMALE THREADS OF THE SOLENOID (I.E., SCH 80 NIPPLES OR BRASS)
- PLASTIC THREADS
- NO SCH 40 PLASTIC THREADS WILL BE SCREWED INTO VALVES OR ANY OTHER MATERIAL OTHER THAN SCH 40. USE SCH. 80 TO SCREW INTO VALVES OR ANY FEMALE THREADS I.E., COUPLINGS, UNIONS, ETC.
- THE FOLLOWING MUST BE INCLUDED IN THE FINAL WALK THROUGH WITH THE IRRIGATION CONTRACTOR AND RRISD:
- THE FINAL WALK THROUGH IS THE OPPORTUNITY TO EDUCATE THE IRRIGATION SYSTEM OWNER ON HOW TO OPERATE THE SYSTEM CORRECTLY TO MAINTAIN A HEALTHY YARD AND TO CONSERVE WATER.
- SEVERAL DOCUMENTS SHALL BE PROVIDED TO THE IRRIGATION SYSTEM OWNER:
- MANUFACTURER'S MANUAL FOR THE AUTOMATIC CONTROLLER,
- LIST OF COMPONENTS THAT REQUIRE MAINTENANCE AND THE RECOMMENDED FREQUENCY OF SERVICE
- IRRIGATION PLAN SHOWING THE INSTALLED SYSTEM
- PROVIDE MAINTENANCE CHECKLIST
- THE MAINTENANCE CHECKLIST CONTAINS: THE SIGNATURE OF THE IRRIGATION SYSTEM OWNER OR THE OWNER'S REPRESENTATIVE,

  THE IRRIGATOR'S SEAL, SIGNATURE, AND DATE, AND
- THIS STATEMENT: "THIS IRRIGATION SYSTEM HAS BEEN INSTALLED IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL LAWS, ORDINANCES, RULES, REGULATIONS OR ORDERS. I HAVE TESTED THE SYSTEM AND DETERMINED THAT IT HAS BEEN INSTALLED ACCORDING TO THE IRRIGATION PLAN AND IS PROPERLY ADJUSTED FOR THE MOST EFFICIENT APPLICATION OF WATER AT THIS TIME."
- PLACE A PERMANENT STICKER THAT HAS IRRIGATION CONTRACTOR NAME, LICENSE NUMBER, COMPANY NAME, TELEPHONE NUMBER, AND THE DATES THE WARRANTY IS VALID ON THE AUTOMATIC CONTROLLER.

NOTE:

- A SEPARATE IRRIGATION PERMIT IS REQUIRED PRIOR TO THE INSTALLATION OF IRRIGATION EQUIPMENT.

REVISIONS

NO.	DATE	DESCRIPTION

IRRIGATION BERKMAN ISD NOTES

BERKMAN ES ADDITION &
FULKES MS MEETING HALL ADDITION
300 WEST ANDERSON AVE
ROUND ROCK, TEXAS

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TBAE/BS FIRM #-1114)

STATE OF TEXAS
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LICENSED LANDSCAPE ARCHITECT

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DESIGNED BY:	JMM
DRAWN BY:	JMM
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DATE:	10/30/25
SHEET:	L5.04

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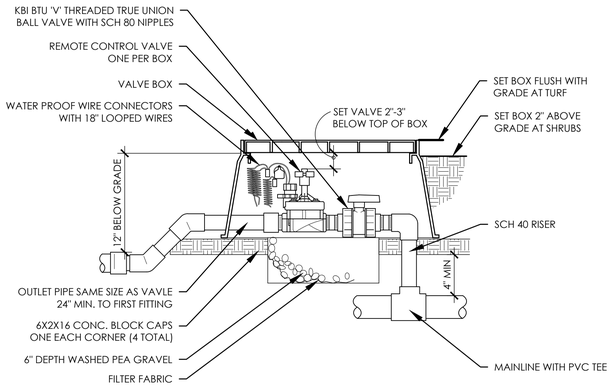
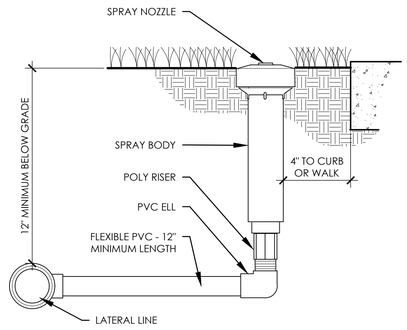
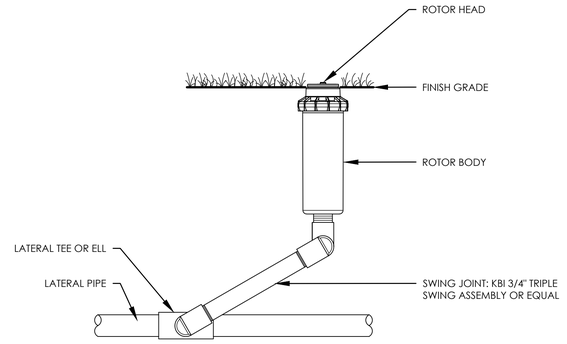
PLOTTED BY: Mallory Hickey
PLOTTED ON: Friday, October 24, 2025



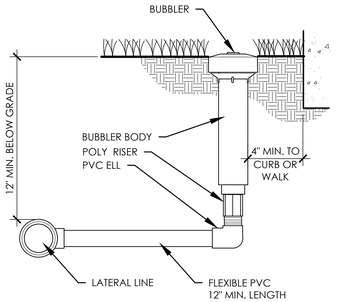
A **ELECTRIC REMOTE CONTROL VALVE** SCALE: NTS



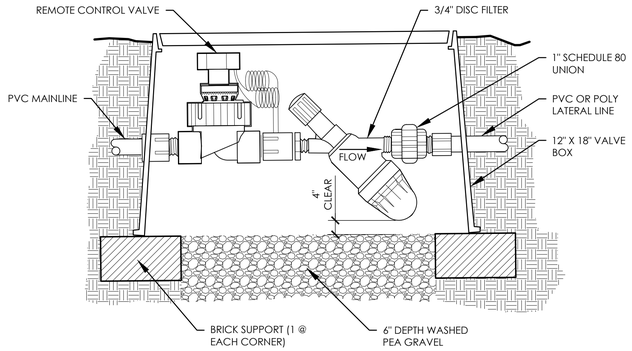
B **ROTARY SPRAY HEAD** SCALE: NTS



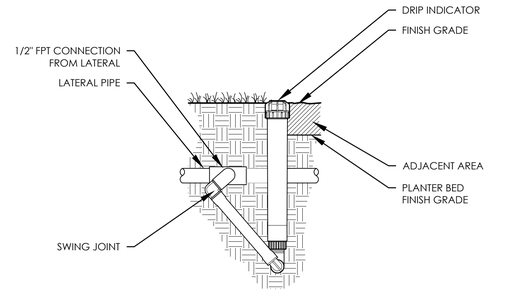
C **ROTOR HEAD** SCALE: NTS



D **POP UP BUBBLER** SCALE: NTS

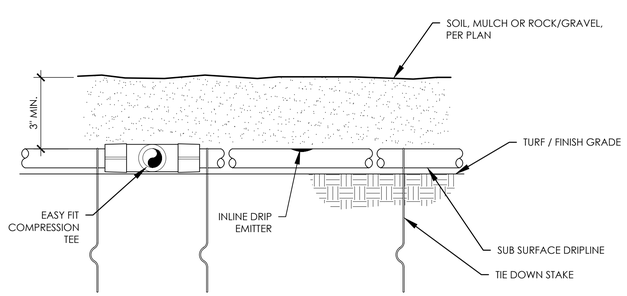


E **DRIP REMOTE CONTROL VALVE** SCALE: NTS

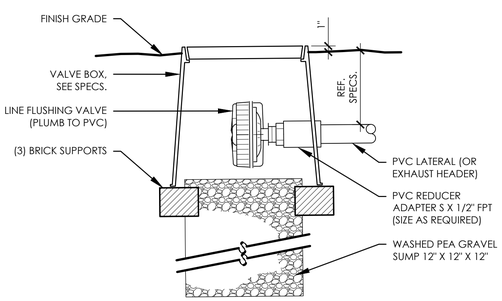


F **DRIP INDICATOR ON SWING JOINT** SCALE: NTS

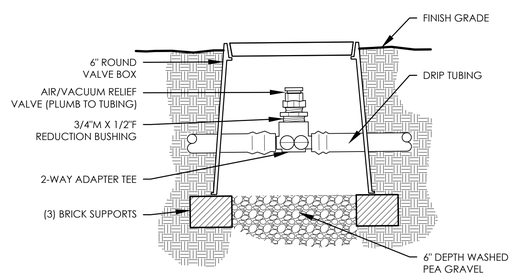
NOTES:
1. PLACE TIE DOWN STAKES EVERY THREE FEET IN SAND, FOUR FEET IN LOAM, AND FIVE FEET IN CLAY.
2. AT FITTINGS WHERE THERE IS A CHANGE OF DIRECTION SUCH AS TEES OR ELBOWS, USE TIE-DOWN STAKES ON EACH LEG OF THE CHANGE OF DIRECTION.



G **DRIP TUBING INSTALLATION** SCALE: NTS



H **DRIP LINE FLUSHING VALVE** SCALE: NTS



I **DRIP AIR/VACUUM RELIEF VALVE** SCALE: NTS

REVISIONS

NO.	DATE	DESCRIPTION

IRRIGATION NOTES & DETAILS

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.335.1121
(TXENG FIRM # 1114)

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STATE OF TEXAS
JANEL MOODY
20529
LICENSED LANDSCAPE ARCHITECT

FOR PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION

JOB NO.	B013728.001
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	BVW
DATE:	10/30/25
SHEET:	L5.05

FILE PATH: P:\013700\013728.001\14A\Drawings\Plot Sheets\13728-Irrigation Plan

FILENAME: 13728-Irrigation Plan.dwg
PLOTTED BY: Janel Moody
PLOTTED ON: Friday, October 24, 2025

IRRIGATION NOTES:

1. IRRIGATION PLAN IS SCHEMATIC. ALL PIPING HEADS, VALVES, ETC. SHALL BE LOCATED AS SHOWN ON THE DETAILS. REPORT ANY DISCREPANCIES BETWEEN ACTUAL AND PROPOSED SITE CONDITIONS TO THE OWNER. DO NOT PROCEED WITH WORK UNTIL SAID DISCREPANCIES ARE RESOLVED.

2. VERIFY THAT THE WORK OF OTHER CONTRACTORS/TRADES IS SUFFICIENTLY COMPLETE TO ALLOW COMMENCEMENT OF IRRIGATION INSTALLATION PRIOR TO BEGINNING OF WORK. CONTRACTORS SHALL COORDINATE INSTALLATION OF ALL IRRIGATION SLEEVES UNDER PAVEMENT WITH OTHER CONTRACTORS.

3. COORDINATE IRRIGATION INSTALLATION WITH THE WORK OF OTHER CONTRACTORS/TRADES AND PROTECT THE WORK OF OTHER CONTRACTOR/TRADES. IRRIGATION CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGES RESULTING FROM HIS ACTIONS.

4. THE IRRIGATION CONTRACTOR SHALL PROVIDE THE OWNER WITH TWO COPIES OF THE PARTS LIST AND MANUFACTURER'S CATALOG SHOWING PERFORMANCE, QUALITY AND FUNCTION OF EACH ITEM OF EQUIPMENT IN THE SYSTEM. IN ADDITION, THE IRRIGATION CONTRACTOR SHALL PROVIDE THE OWNER WRITTEN INSTRUCTIONS FOR OPERATION AND MAINTENANCE OF THE SYSTEM.

5. PRIOR TO THE ACCEPTANCE OF IRRIGATION SYSTEM BY OWNER, A PERSON QUALIFIED TO REPRESENT THE IRRIGATION CONTRACTOR SHALL BE PRESENT AT THE FINAL INSPECTION TO DEMONSTRATE THE SYSTEM AND PROVE ITS PERFORMANCE PRIOR TO THE INSPECTION. ALL WORK SHALL HAVE BEEN COMPLETED, TESTED, ADJUSTED, AND PLACED IN OPERATION.

6. WORK MUST BE GUARANTEED FOR TWO YEARS.

7. IRRIGATION SYSTEM INSTALLATION TO BE PERFORMED IN ACCORDANCE WITH ALL PERTINENT CODES AND ORDINANCES.

8. NO PVC PIPING SHALL BE LOCATED UNDER TREE ROOTBALLS.

9. THE CONTRACTOR SHALL VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION. IF ANY UNDERGROUND OR ABOVE GROUND CONSTRUCTION IS LOCATED AS TO SIGNIFICANTLY HINDER INSTALLATION OR FUNCTION OF THE IRRIGATION SYSTEM, THE OWNER SHALL BE NOTIFIED IMMEDIATELY.

10. MAIN LINE PIPING AND LATERAL PIPING MAY BE PLACED IN SAME TRENCH WHEN POSSIBLE. MAIN LINE PIPING SHALL BE INSTALLED IN BOTTOM OF TRENCH WITH LATERALS ON TOP.

11. SLEEVES SHALL BE INSTALLED WHEREVER PIPES RUN UNDER PAVEMENT. SLEEVES SHALL BE SCH 40 AND A MINIMUM OF TWO PIPE SIZES LARGER THAN THE PIPE.

12. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ELECTRICAL POWER TO ALL CONTROLLERS.

13. PRIOR TO BEGINNING OF WORK, CONTRACTOR SHALL VERIFY MINIMUM STATIC PRESSURE AT THE POINT OF CONNECTION OF <<65>> PSI. IF THE STATIC PRESSURE IS LESS THAN <<65>> PSI AT THE POINT OF CONNECTION, STOP WORK, NOTIFY ENGINEER AND DO NOT PROCEED UNTIL INSTRUCTED BY ENGINEER.

14. ATTACH A PREPRINTED, HEAVY DUTY PLASTIC SERIALIZED TAG TO EACH CONTROL VALVE WITH ITS ASSOCIATED CONTROLLER STATION NUMBER. TAGS SHOULD BE AS SUPPLIED BY RAINBIRD OR APPROVED EQUAL.

15. THE PIPE SHOWN IN PAVED AREAS WITHOUT SLEEVES IS SHOWN IN THESE AREAS FOR PURPOSE OF DRAWING CLARITY. PIPE TO BE IN NEAREST UNPAVED LOCATION.

16. THE IRRIGATION CONTROLLER(S) SHALL BE EQUIPPED WITH RAIN/FREEZE SENSOR(S). MOUNT THE TRANSMITTER(S) IN AN OPEN AREA AS DIRECTED BY THE OWNER.

17. ALL BACKFLOW INSTALLATIONS AND CONNECTIONS TO CITY WATER LINES MUST BE PERMITTED SEPARATELY BY THE CITY INSPECTION STAFF.

18. THE IRRIGATION SYSTEM SHALL BE MAINTAINED IN ITS PROPER WORKING ORDER DURING THE 2 YEAR MAINTENANCE PERIOD.

19. ALL WIRING SHALL BE RATED FOR DIRECT BURIAL.

DRIP NOTES:

1. AIR RELIEF VALVE TO BE PLACED AT HIGH POINT IN BED.

2. FLUSH VALVE TO BE PLACED AT LOW POINT IN BED ON EXHAUST LINE.

3. THESE LAYOUTS ARE TYPICAL AND ARE SUBJECT TO CHANGE DUE TO SITE CONDITIONS SUCH AS GRADING.

4. IRRIGATION LATERAL LINES FEED SUPPLY HEADERS.

INSPECTION NOTES:

1. HEADS SHALL NOT SPRAY ON IMPERVIOUS SURFACES.

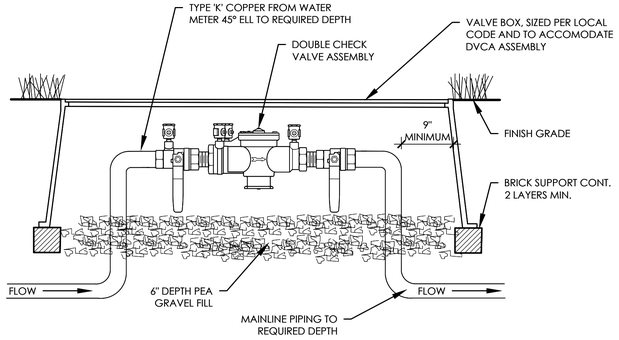
2. HEADS SHALL NOT SPRAY ON WALLS OR FENCES.

3. HEADS SHALL NOT BE CLOSER THAN 4 INCHES OF THE EDGE OF HARDSCAPE.

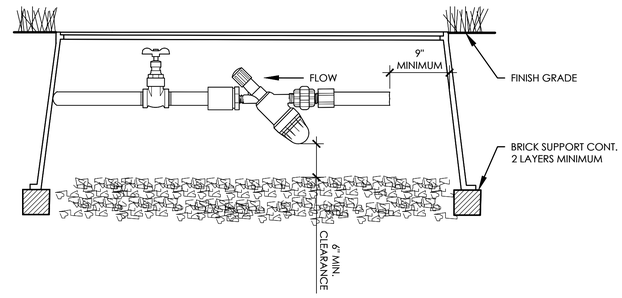
4. NO DRINKING DOMESTIC USES ALLOWED ON IRRIGATION LINES, NO SWIMMING POOL USE OR FOUNTAINS.

5. CONTRACTOR SHALL COMPLY WITH ALL INSPECTION REQUIREMENTS OF THE MUNICIPALITY.

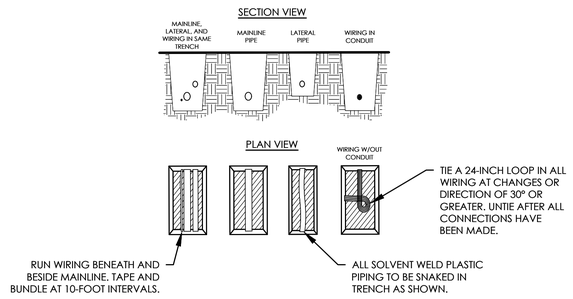
6. FOR FINAL INSPECTION, IRRIGATOR'S REPRESENTATIVE MUST BE PRESENT.



A **DOUBLE CHECK VALVE ASSEMBLY** SCALE: NTS

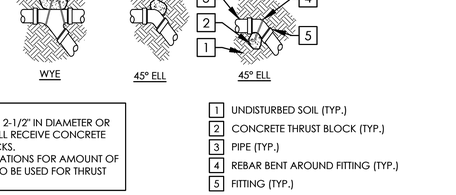


B **WYE STRAINER** SCALE: NTS



NOTES:
1. SLEEVE BELOW ALL HARDSCAPE ELEMENTS WITH SCHEDULE 40 PVC PIPE, TWICE THE DIAMETER OF THE PIPE OR WIRE BUNDLE WITHIN.
2. FOR PIPE AND WIRE BURIAL DEPTHS, SEE SPECIFICATIONS.
3. CONTROLLER WIRE BURIED WITHOUT CONDUIT SHALL BE RATED FOR DIRECT BURIAL.

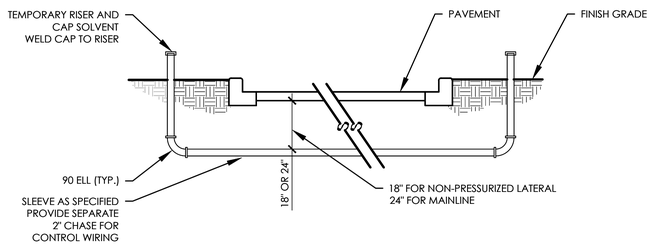
C **PIPE AND WIRE TRENCHING** SCALE: NTS



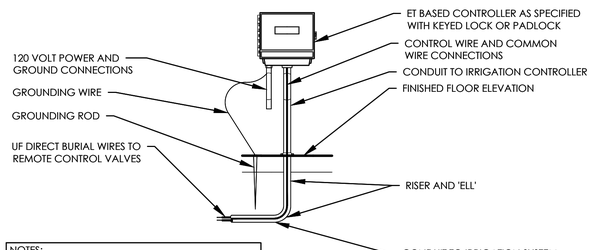
NOTES:
1. SUPPLY LINES 2-1/2" IN DIAMETER OR LARGER SHALL RECEIVE CONCRETE THRUST BLOCKS.
2. SEE SPECIFICATIONS FOR AMOUNT OF CONCRETE TO BE USED FOR THRUST BLOCK.

1. UNDISTURBED SOIL (TYP.)
2. CONCRETE THRUST BLOCK (TYP.)
3. PIPE (TYP.)
4. REBAR BENT AROUND FITTING (TYP.)
5. FITTING (TYP.)

D **THRUST BLOCK** SCALE: NTS



E **SLEEVE INSTALLATION** SCALE: NTS



NOTES:
1. ELECTRICAL POWER TO BE SUPPLIED BY OTHERS.
2. ALL WIRING TO BE INSTALLED PER LOCAL CODES.
3. SEE ELECTRICAL PLANS FOR EXACT LOCATION OF CONTROLLER.
4. CONTROLLER TO BE MOUNTED APPROXIMATELY 5'-0" ABOVE FINISHED FLOOR ELEVATION.

F **WALL MOUNT CONTROLLER** SCALE: NTS

REVISIONS

NO.	DATE	DESCRIPTION

IRRIGATION DETAILS

DUNAWAY
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Tel 817.335.1121
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BERKMAN ES ADDITION &
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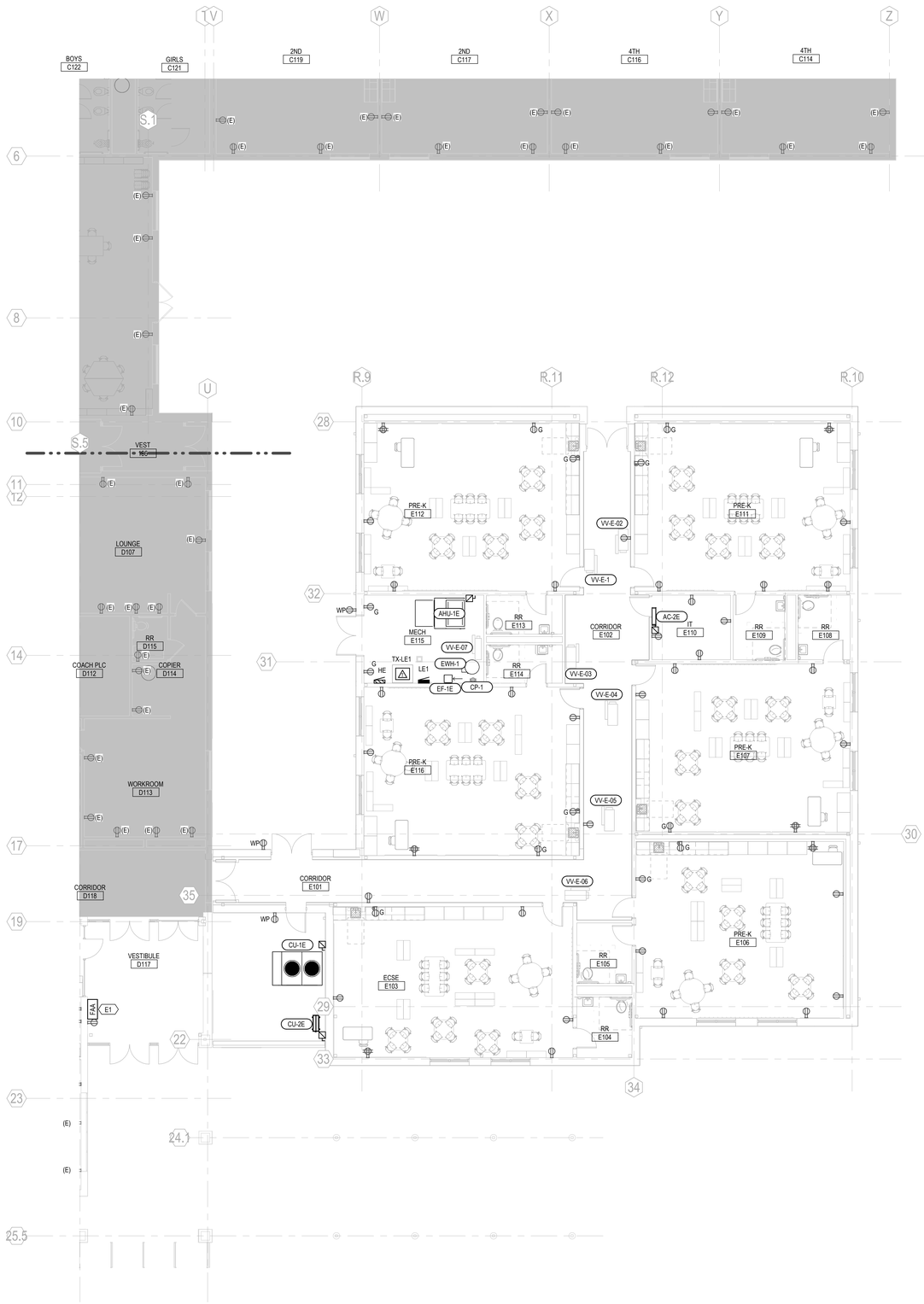
STATE OF TEXAS
JANEL MOODY
20529
LICENSED IRRIGATOR

FOR PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION

JOB NO.	B013728.001
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	BVW
DATE:	10/30/25
SHEET:	L5.06

FILE PATH: P:\013700\013728.001\PLA\Drawings\Plot Sheets\13728-Irrigation Plan
FILENAME: 13728-Irrigation Plan.dwg
PLOTTED BY: Mickey Mackey
PLOTTED ON: Friday, October 24, 2025



1 E121E **FLOOR PLAN - POWER - AREA E**

1/8" = 1'-0"

GENERAL NOTES

1. REFER TO DRAWING E001 FOR ELECTRICAL LEGEND, ABBREVIATIONS AND GENERAL NOTES.
2. REFER TO DRAWING E401 FOR ELECTRICAL ONE LINE DIAGRAM.
3. EACH CIRCUIT SHALL HAVE A DEDICATED NEUTRAL CONNECTED BACK TO THE PANEL.
4. COORDINATE MOUNTING HEIGHT OF WALL MOUNTED EXTERIOR CAMERAS WITH SYSTEM INSTALLER PRIOR TO ROUGH-IN. EXTEND CONDUIT FROM CAMERA LOCATION TO NEAREST INTERIOR ACCESSIBLE CEILING SPACE.
5. COORDINATE ALL DEVICE MOUNTING LOCATIONS, HEIGHTS, AND SPACINGS WITH ARCHITECTURAL FLOOR PLANS AND ELEVATIONS. BIDDERS SHALL EXAMINE ARCHITECTURAL DRAWINGS TO INCLUDE ANY NECESSARY COSTS WITH THEIR BID.
6. IN GENERAL, DEVICES AT LOWER HEIGHTS SHALL BE STACKED DIRECTLY BELOW DEVICES AT HIGHER ELEVATIONS. PROVIDE CONDUIT OFFSET AS NECESSARY.
7. COORDINATE MOUNTING HEIGHT OF DEVICES ABOVE MILLWORK WITH ARCHITECTURAL PLANS PRIOR TO ROUGH-IN.
8. THESE DRAWINGS ARE DIAGRAMATIC AND INDICATE THE GENERAL EXTENT OF THE WORK. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL PULL BOXES, JUNCTION BOXES AND INCIDENTAL MATERIALS AND LABOR FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
9. PROVIDE FIRESTOPPING FOR ALL FLOOR AND FIRE RATED WALL SLEEVES.
10. PROVIDE THROUGH WALL SLEEVES PER DIVISION 26 AND 27 SPECIFICATIONS.
11. ALL FIRE ALARM BOOSTER PANELS SHALL BE CONNECTED TO A NEW DEDICATED 20A/1P CIRCUIT BREAKER IN NEAREST 208Y/120V BRANCH PANELBOARD WITH (2)#12 AND (1)#12 GND-3/4" C. ELECTRICAL CONTRACTOR SHALL VERIFY EXACT LOCATION AND QUANTITIES WITH FIRE ALARM CONTRACTOR. CONTRACTOR SHALL UPSIZE WIRE AS NECESSARY FOR VOLTAGE DROP.

ELECTRICAL KEYED NOTES

E1 RELOCATED FIRE ALARM ANNUNCIATOR AS REQUESTED BY NEW CONSTRUCTION. FINAL LOCATION TO BE DETERMINED BY FIRE ALARM INSTALLER. EXTEND ALL WIRING AND CONDUIT AS REQUIRED.

Stantec

Stantec Consulting Services Inc.
1905 Aldrich Street, Suite 300
Austin, TX 78723-3479
Tel: (512) 328-0011 • www.stantec.com

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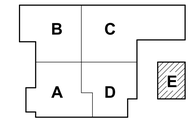

KEY PLAN

PROJECT NORTH

Revision	By	Appd	YYYY.MM.DD

Issued	By	Appd	YYYY.MM.DD
100% DESIGN DEVELOPMENT			2025.10.24

Permit/Seal

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Texas Firm Registration No. F-6324
EXP. 2025.11.30

Client/Project Logo

ROUND ROCK INDEPENDENT SCHOOL DISTRICT

Client/Project
ROUND ROCK ISD

CLAUDE BERKMAN ES

400 W ANDERSON AVE
ROUND ROCK, TX 78664

Title
FLOOR PLAN - POWER - AREA E

Project No.	Scale
214001305	As indicated
Revision	Drawing No.
	E121E

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ORIGINAL SHEET - ARCH E1

GENERAL NOTES

1. REFER TO DRAWING E001 FOR ELECTRICAL LEGEND, ABBREVIATIONS AND GENERAL NOTES.
2. REFER TO DRAWING E401 FOR ELECTRICAL ONE LINE DIAGRAM.
3. EACH CIRCUIT SHALL HAVE A DEDICATED NEUTRAL CONNECTED BACK TO THE PANEL.
4. COORDINATE MOUNTING HEIGHT OF WALL MOUNTED EXTERIOR CAMERAS WITH SYSTEM INSTALLER PRIOR TO ROUGH-IN. EXTEND CONDUIT FROM CAMERA LOCATION TO NEAREST INTERIOR ACCESSIBLE CEILING SPACE.
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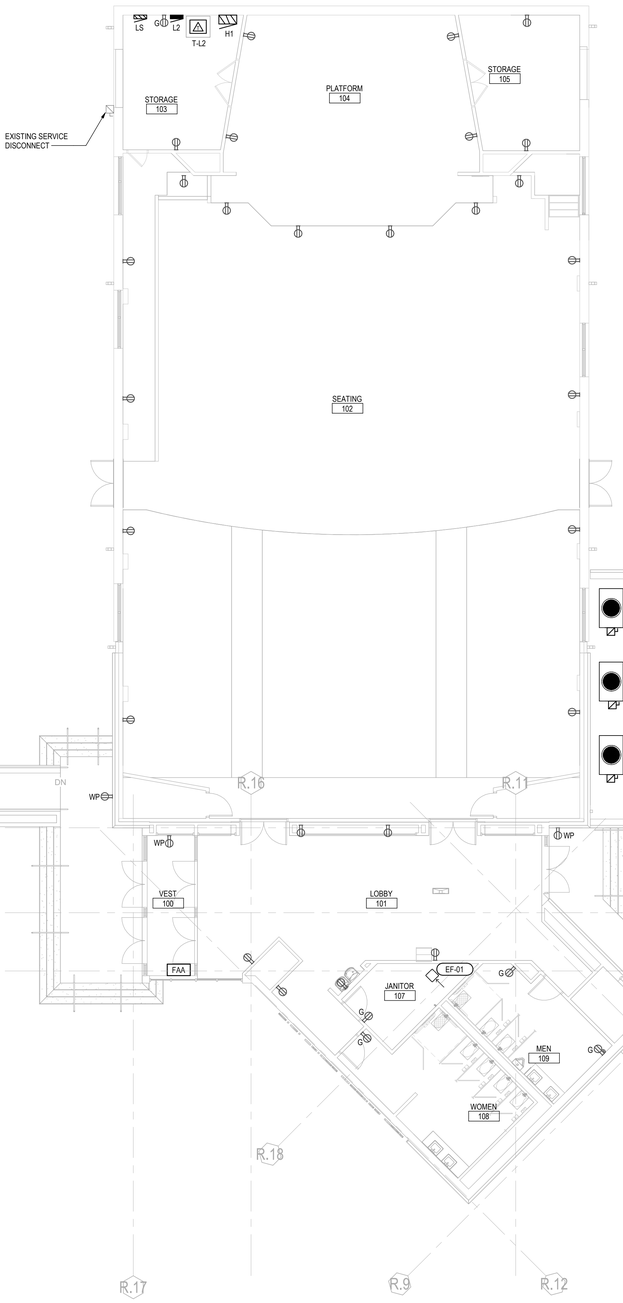
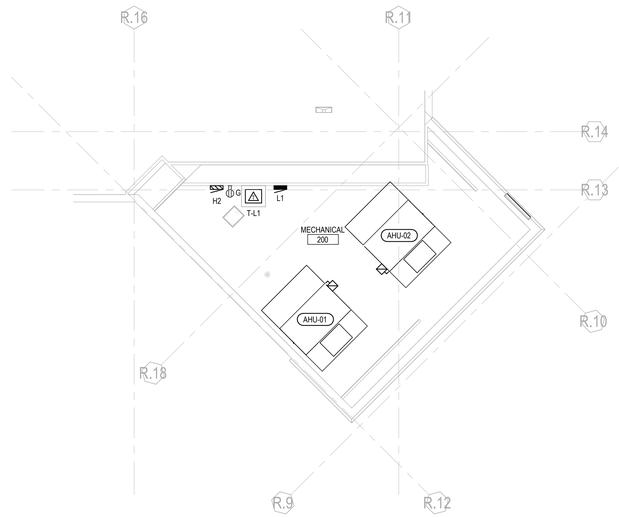
ELECTRICAL KEYED NOTES



1 E121 **LEVEL 1 - FLOOR PLAN - POWER**
1/8" = 1'-0"



2 E121 **MEZZANINE - FLOOR PLAN - POWER**
1/8" = 1'-0"

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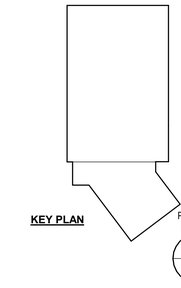

Revision	By	Appd	YYYY.MM.DD

100% DESIGN DEVELOPMENT			2025.10.24
Issued	By	Appd	YYYY.MM.DD

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EXP: 2026.11.30

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Client/Project
ROUND ROCK ISD

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Title
FLOOR PLAN - POWER

Project No.	Scale
214001305	As indicated
Revision	Drawing No.
	E121

ORIGINAL SHEET - ARCH E1