

ADDENDUM NO. 4

TO: ALL PLAN HOLDERS

RE: North Texarkana Wastewater Treatment Plant Improvements

ADDENDUM DATE: September 8, 2026

The Plans, Specifications and Contract Documents for the above referenced project are hereby modified as follows:

1. Remove and replace Sheets 17 & 18 with attached. Structural sheets attached.

PROJECT CLARIFICATIONS

1. It is expected that a Notice to Proceed will be issued within approximately 45 days of bid opening contingent upon receipt of a bid within budget from a qualified bidder.
2. Clarifier #1 sludge was able to be washed to drains and did not require haul off. It is anticipated that this will be a similar scenario for Clarifier #2. Sludge from the aeration basins and any accumulation from Clarifier #2 will need to be hauled offsite to a landfill.
3. No new bollard are needed for screening dumpster.
4. Aeration basin down pipes shall be stainless steel. Sheet 17.
5. No local permits are expected, Engineer is currently processing ADEQ construction permit for the WWTP expansion. Engineer will develop a small construction site permit for ADEQ SWPPP plan. Contractor will be responsible for posting site notices, inspections of sediment controls and upkeep of the stormwater permit through construction to ADEQ requirements.
6. Sample manhole may be installed by bypass pumping and cutting/grouting new manhole in place or by doghouse installation method.
7. Laying conditions for pipes will be dependent upon existing soil conditions. Bedding will be required in unfavorable soil conditions. Refer to geotechnical report for borings.
8. New control panel for influent pump station will need new concrete base/pad adjacent to existing control panel.
9. New UV control panel should have sufficient room for installation adjacent to existing panel for new channel to be installed and put into service to avoid downtime of UV system.
10. 12" influent RAS shown on Sheet 13, shown as 10" influent RAS on asbuilts provided in Addendum #3 along with approximate alignment.
11. 6" drain on Sheet 13 for grit classifier to remain in place. Proposed grit cleanse to tie into existing 6" drain.
12. Below grade piping at headworks to be plugged and abandoned. Above grade piping associated with equipment removal also to be removed.
13. Only one pump to be installed at influent pump station and RAS pump station.

14. Project timeline is 400 days from issuance of Notice to Proceed to Substantial Completion.
15. Note #2 Item #7 on sheet 15 refers to final submittals for alignment and supports. Refer to manufacturer for final materials, support and alignment.
16. The bid opening date remains the updated date of **September 16, 2026 at 2:00pm**.
The bid advertisement in the contract documents was not revised as that was the language of the advertisement itself.
17. Plant design flow is 1.95 MGD and Peak flow is 6.0 MGD.
18. Hose rack shown on Sheet 13 is existing not proposed.
19. \$40,000 allowance shown in revised proposal is anticipated to be conservative. As item states, testing will be reimbursed upon submitted invoices for testing related to project. Overage beyond this amount will be paid by the owner if overage is justifiable, valid and submitted for prior approval before additional expense is incurred.

Any remaining or unanswered questions must be submitted/re-submitted by 12:00pm Thursday, September 10th for consideration prior to bid opening.

ADDENDUM NO.4 ISSUED BY:

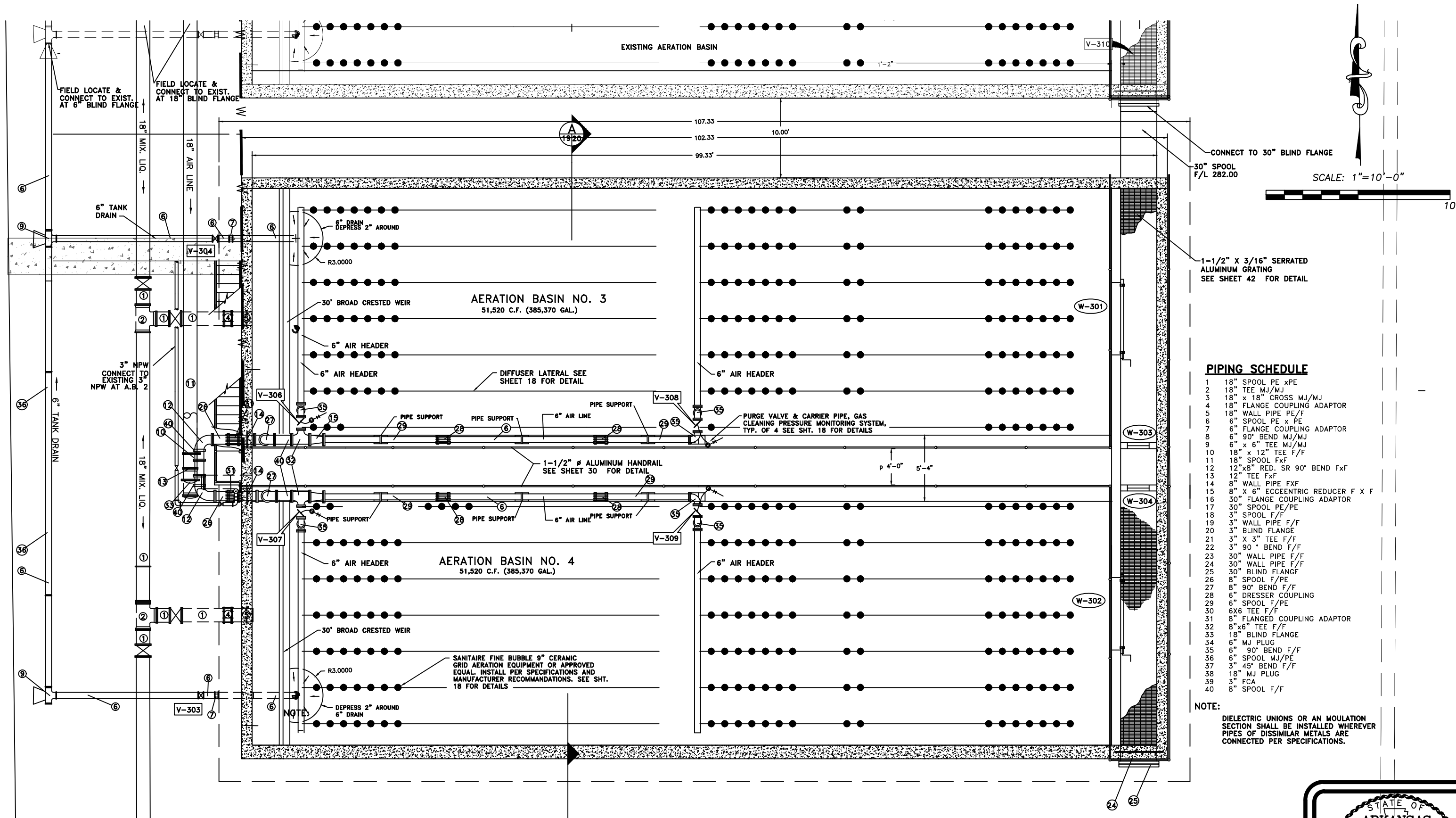
A.L. FRANKS ENGINEERING



9-8-26

Caleb Mudford, P.E.
Project Manager

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PIPING SCHEDULE	
1	18" SPOOL PE xPE
2	18" TEE MJ/MJ
3	18" x 18" CROSS MJ/MJ
4	18" FLANGE COUPLING ADAPTOR
5	18" WALL PIPE PE/F
6	6" SPOOL PE x PE
7	6" FLANGE COUPLING ADAPTOR
8	6" 90° BEND MJ/MJ
9	6" x 6" TEE MJ/MJ
10	18" x 12" TEE F/F
11	18" SPOOL Fx F
12	12"x8" RED. SR 90° BEND Fx F
13	12" TEE Fx F
14	8" WALL PIPE Fx F
15	8" x 6" ECCENTRIC REDUCER F X F
16	30" FLANGE COUPLING ADAPTOR
17	30" SPOOL PE/PE
18	3" SPOOL F/F
19	3" WALL PIPE F/F
20	3" BLIND FLANGE
21	3" x 3" TEE F/F
22	3" 90° BEND F/F
23	30" WALL PIPE F/F
24	30" WALL PIPE F/F
25	30" BLIND FLANGE
26	8" SPOOL F/PE
27	8" 90° BEND F/F
28	6" DRESSER COUPLING
29	6" SPOOL F/PE
30	6X6 TEE F/F
31	8" FLANGED COUPLING ADAPTOR
32	8"x6" TEE F/F
33	18" BLIND FLANGE
34	6" MJ PLUG
35	6" 90° BEND F/F
36	6" SPOOL MJ/PE
37	3" 45° BEND F/F
38	18" MJ PLUG
39	3" FCA
40	8" SPOOL F/F

NOTE:
DIELECTRIC UNIONS OR AN MOULATION SECTION SHALL BE INSTALLED WHEREVER PIPES OF DISSIMILAR METALS ARE CONNECTED PER SPECIFICATIONS.

9-2-26	3-ITEM 5 REVISED	CJM
Date	Revision	By

Designed	CJM
Checked	KSB
Drawn	CJM
Approved	KSB



118 East Broad Street
Texarkana, Arkansas 71854
Phone (870) 216-1906
Fax (870) 216-1907

TEXARKANA WATER UTILITIES
NORTH WWTP
TEXARKANA, ARKANSAS 71854

AERATION BASIN PLAN

Job No.	17WU-02-23
Scale:	1"=10'
Date:	5/2026
Sheet	17

STATE OF
ARKANSAS
LICENSED
PROFESSIONAL
ENGINEER
No. 17723
J. MUDFORD

9-6-26

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NOTE:

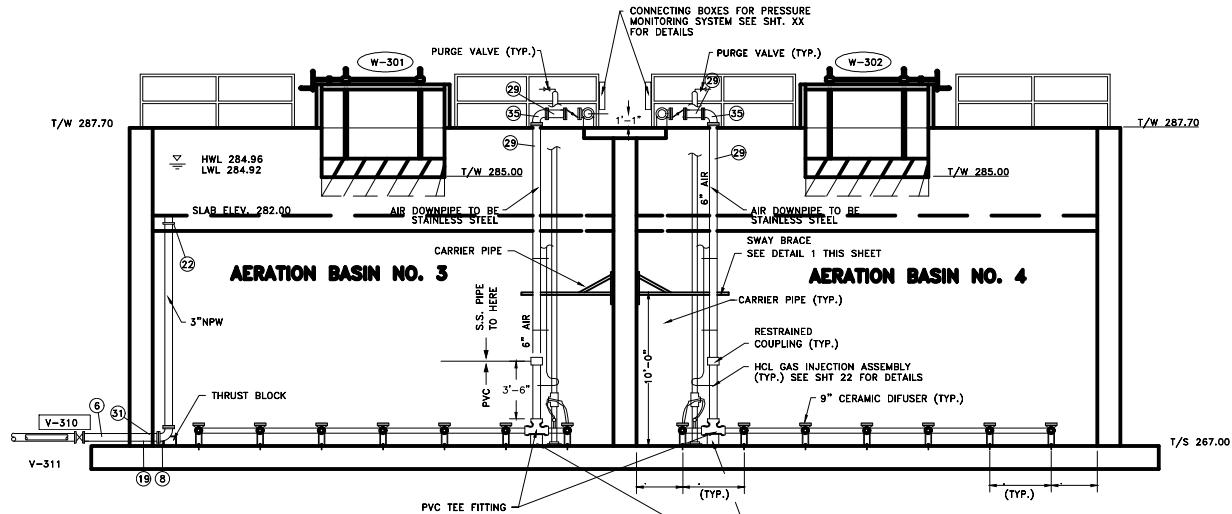
FOUNDATION SHALL BE OVER EXCAVATED TO A MINIMUM DEPTH OF 3.0' AND REPLACED WITH SELECT FILL. CONTRACTOR SHALL FOLLOW GUIDANCE IN GEOTECHNICAL REPORT PERFORMED BY ETL ENGINEERS & CONSULTANTS DATED SEPTEMBER 4, 2025 FOR ALL FOUNDATION AND SITE PREPARATION REQUIREMENTS.

VALVE SCHEDULE

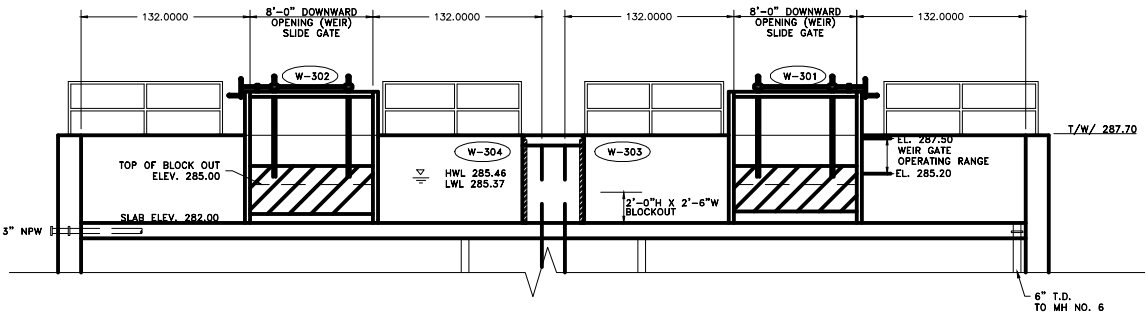
V-301	18" MJ PLUG VALVE WITH BOX	V-306	6" BUTTERFLY VALVE - WAFER
V-302	18" MJ PLUG VALVE WITH BOX	V-307	6" BUTTERFLY VALVE - WAFER
V-303	6" MJ PLUG VALVE WITH BOX	V-308	6" BUTTERFLY VALVE - WAFER
V-304	6" MJ PLUG VALVE WITH BOX	V-309	6" BUTTERFLY VALVE - WAFER
V-305	18" MJ PLUG VALVE WITH BOX	V-310	6" MJ PLUG VALVE WITH BOX
		V-311	3" MJ GATE VALVE WITH BOX

WEIR GATE SCHEDULE

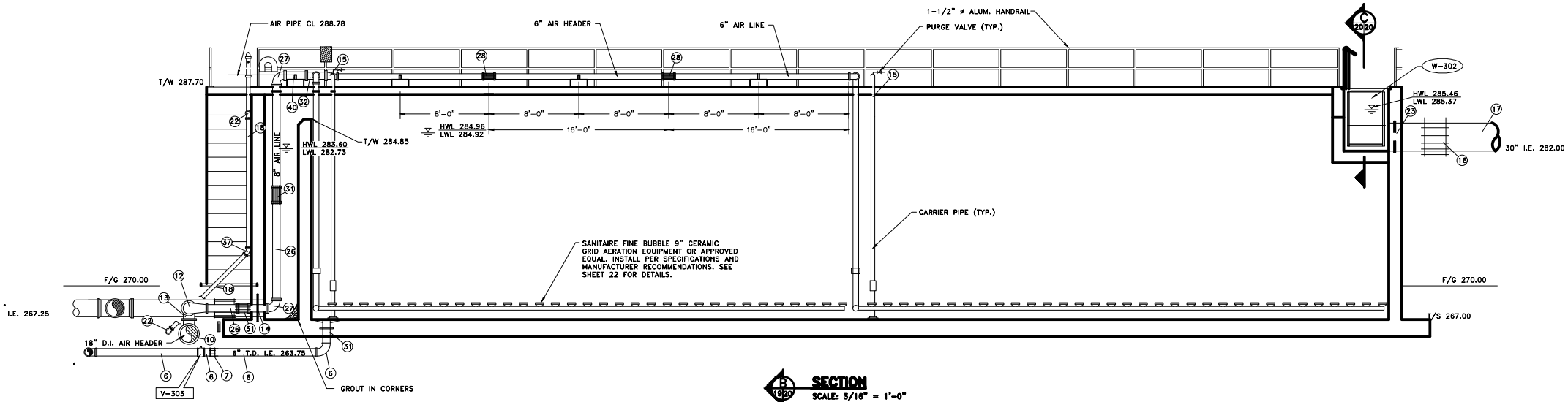
W-301	8' x 36" DOWNWARD OPENING WEIR GATE W/ TANDEM ACTIVATOR
W-302	8' x 36" DOWNWARD OPENING WEIR GATE W/ TANDEM ACTIVATOR
W-303	30" ALUMINUM STOP GATE
W-304	30" ALUMINUM STOP GATE



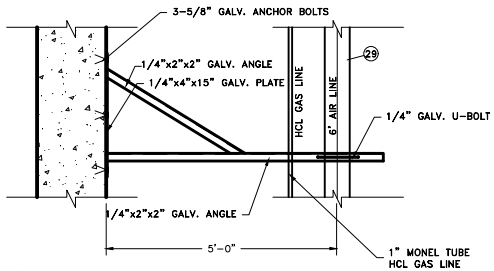
SECTION
SCALE: 3/16" = 1'-0"



SECTION
SCALE: 3/16" = 1'-0"



SECTION
SCALE: 3/16" = 1'-0"



SWAY BRACE DETAIL
SCALE: NONE

9-6-26	3-AIR DOWNPIPE UPDATED TO S.S.	CJM
Date	Revision	By

Designed	CJM
Checked	KSB
Drawn	CJM
Approved	KSB



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TEXARKANA WATER UTILITIES
NORTH WWTP
TEXARKANA, ARKANSAS 71854

AERATION BASIN DETAILS

Job No.	TWU-02-23
Scale:	N/A
Date:	5/2026
Sheet	18

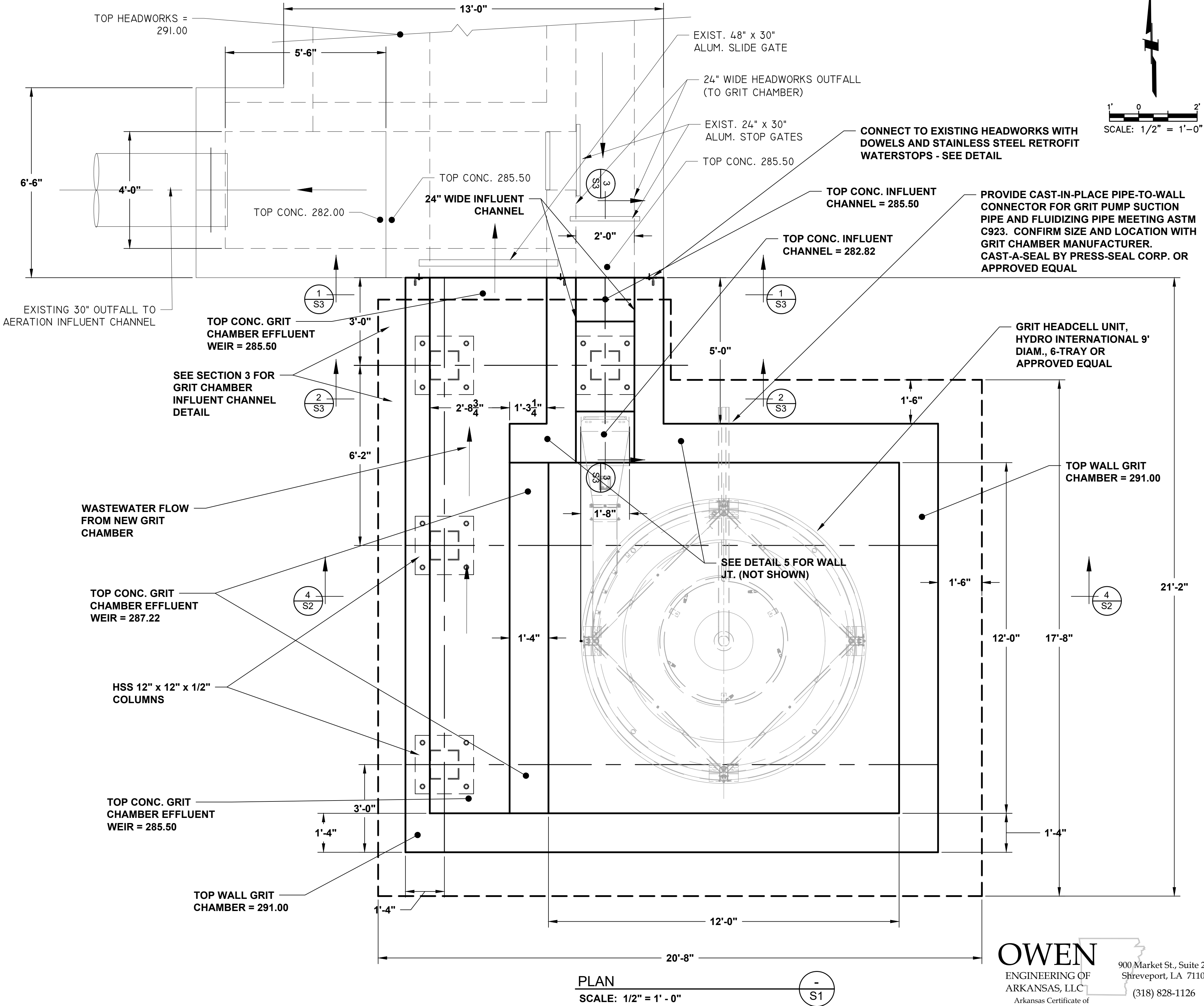


GENERAL NOTES

- UNDERGROUND UTILITIES HAVE NOT BEEN PLOTTED. VERIFICATION OF THE LOCATION OF ALL UNDERGROUND UTILITIES, EITHER SHOWN OR NOT SHOWN ON THESE PLANS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE LOCATED PRIOR TO EXCAVATION, GRADING, OR CONSTRUCTION.
- THE CONTRACTOR SHALL PERFORM ALL WORK REQUIRED TO PROTECT THE ADJOINING PROPERTY, INCLUDING STORM DRAINS, WATER FACILITIES, CURBS, ETC. FROM DAMAGE.
- CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS WHICH MAY BE REQUIRED FOR THIS PROJECT.
- CONTRACTOR MUST USE BEST MANAGEMENT PRACTICES TO CONTAIN STORM WATER RUNOFF FROM THE CONSTRUCTION SITE. EROSION CONTROL PROTECTION BARRIERS (SILT FENCES, HAY BALES, CHECK DAMS, SILTING BASINS, OR A COMBINATION THEREOF) MUST COMPLY WITH EPA AND ARKANSAS STORM WATER REGULATIONS AND MUST BE INSTALLED PRIOR TO REMOVAL OF VEGETATION AND EXCAVATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL DISTURBED AREAS TO AN EQUAL OR BETTER CONDITION THAN THE EXISTING GROUND COVER PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL VERIFY DIMENSIONS AND NOTIFY ENGINEER OF DISCREPANCIES.
- SITE DIMENSIONS ARE SHOWN FOR GENERAL INFORMATION ONLY. CONTRACTOR IS TO PLACE NEW STRUCTURES AS SPECIFIED BY PROJECT ENGINEER OF A. L. FRANKS ENGINEERING, INC.
- EXISTING CAUSTIC SODA ROOM AND GRIT CHAMBER STRUCTURE (NOT SHOWN) TO BE REMOVED AND / OR RELOCATED, REFER TO SHEET 14.
- ALL HSS TUBING TO BE 46 KSI YIELD STRENGTH MINIMUM.
- WELDING SHALL BE IN ACCORDANCE WITH ANSI/AWS D1.2/D1.2M-2014 GAS METAL ARC WELDING (GMAW) PROCESS.
- ALL SURFACES, MEMBERS, AND THEIR WELDED AND / OR BOLTED JOINTS SHALL BE SMOOTH AND FREE FROM SHARP OR JAGGED EDGES.
- STEEL HSS TUBING SHALL BE COATED WITH TWO COATS PRIMER AND ONE COAT PAINT - COLORS TO BE SELECTED BY OWNER.

CONCRETE NOTES

- CONCRETE SHALL BE PORTLAND CEMENT CONCRETE, 4,000 PSI COMPRESSIVE STRENGTH AT 28 DAYS (AIR ENTRAINED).
- CAST-IN-PLACE CONCRETE SHALL STRICTLY ADHERE TO THE PROPORTIONS ESTABLISHED IN THE MIX, CONSISTING OF THE ACTUAL MATERIALS TO BE USED DURING CONSTRUCTION. DESIGN MIX SHALL BE PREPARED AND SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO USE. MIX DESIGN PROPORTIONS SHALL BE IN ACCORDANCE WITH ACI 211 / 301 / 318.
- REINFORCED CONCRETE SHALL CONFORM TO ACI 318, LATEST EDITION.
- REINFORCING BARS SHALL BE ASTM A 615 GRADE 60, EXCEPT TIES AND STIRRUPS MAY BE GRADE 40.
- REQUIRED CONCRETE COVER FOR REINFORCING BARS:
DEPOSITED AGAINST EARTH: 2-1/2"
EXPOSED TO WEATHER OR EARTH AFTER FORMS REMOVED: 1-1/2".
- AS SOON AS FORMS ARE REMOVED, UNDESIRABLE FINS AND OTHER PROJECTIONS SHALL BE REMOVED, OFFSETS LEVELED, AND VOID OR DAMAGED PLACES IMMEDIATELY SATURATED WITH WATER AND PREPARED WITH MORTAR OF THE SAME COMPOSITION AS USED IN THE MIX. EXPOSED SURFACES SHALL BE RUBBED WITH CARBORUNDUM STONE TO A SMOOTH FINISH FREE FROM FORM MARKS OR HONEYCOMBS IMMEDIATELY AFTER FORMS ARE REMOVED.
- CONCRETE SHALL BE PLACED CONTINUOUSLY, WITHOUT INTERRUPTION, IN SUCH A MANNER AS TO NOT CAUSE SEGREGATION, VIBRATING EACH LIFT. USE CHUTES OR TREMIE FOR PLACING CONCRETE WHERE A DROP OF MORE THAN FIVE FEET IS REQUIRED, OR PUMP CONCRETE INTO PLACE.
- DOWELS MUST BE SUPPORTED WITH ADEQUATE MEASURES TO PREVENT SLIPPING OR DISPLACEMENT.
- CONTRACTOR MUST SUPPORT STEEL REINFORCING WITH BRICK SUPPORTS, CHAIRS, OR OTHER SUITABLE MATERIALS.



PLAN

SCALE: 1/2" = 1' - 0"

-
S1

OWEN

ENGINEERING OF
ARKANSAS, LLC
Arkansas Certificate of
Authorization No. 22165

900 Market St., Suite 201
Shreveport, LA 71101
(318) 828-1126

DATE	REVISION	BY

DESIGNED _____
CHECKED _____
DRAWN _____
APPROVED _____

A. L. FRANKS
ENGINEERING

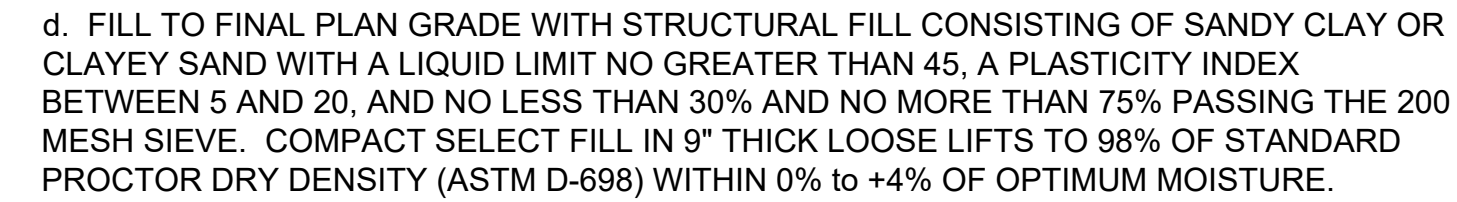
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NORTH TEXARKANA WWTP
TEXARKANA, AR

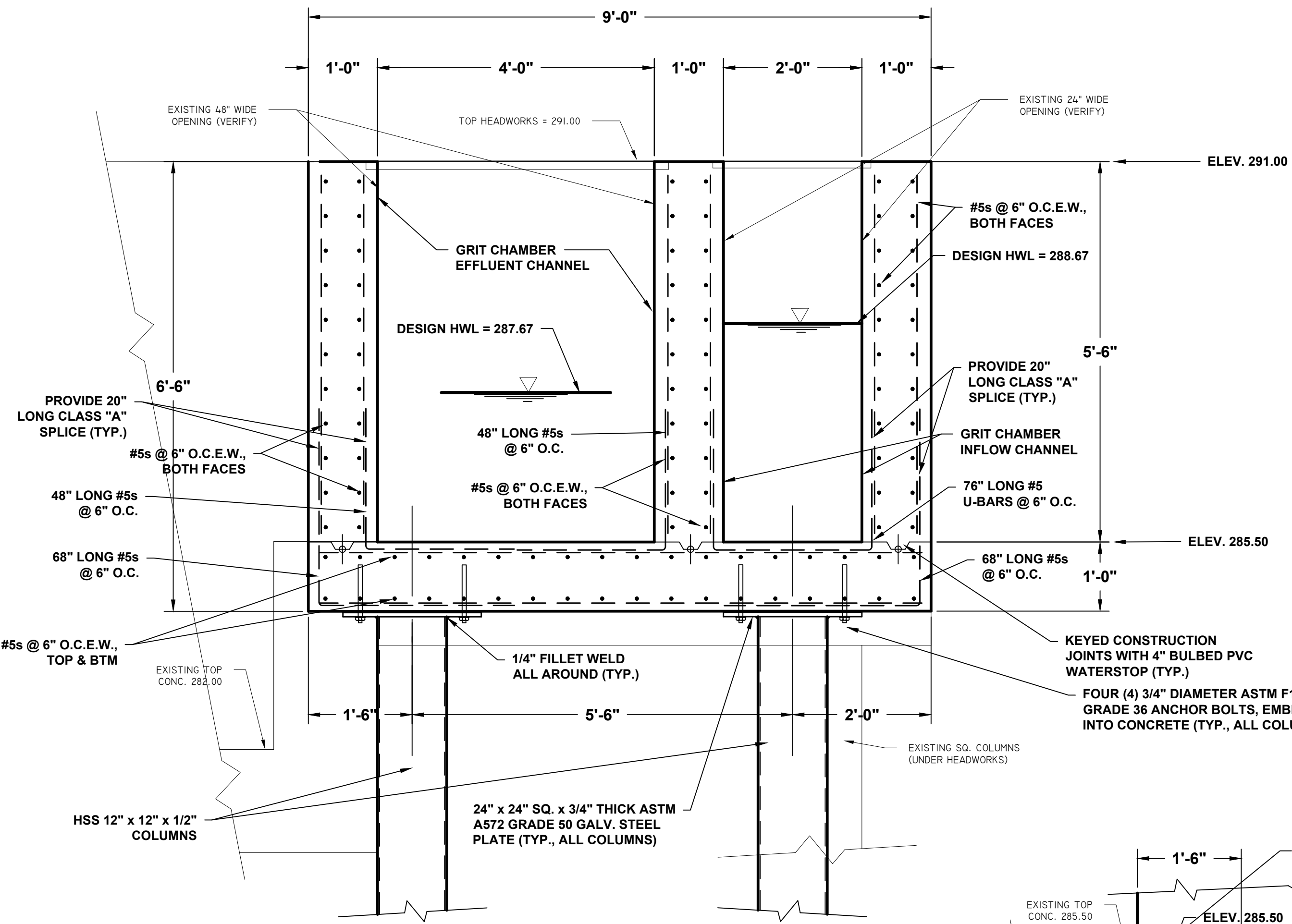
GRIT CHAMBER
PLAN AND NOTES



Job No.: OE 2026-19
SCALE: AS NOTED
DATE: AUGUST 27, 2026
SHEET **S1**

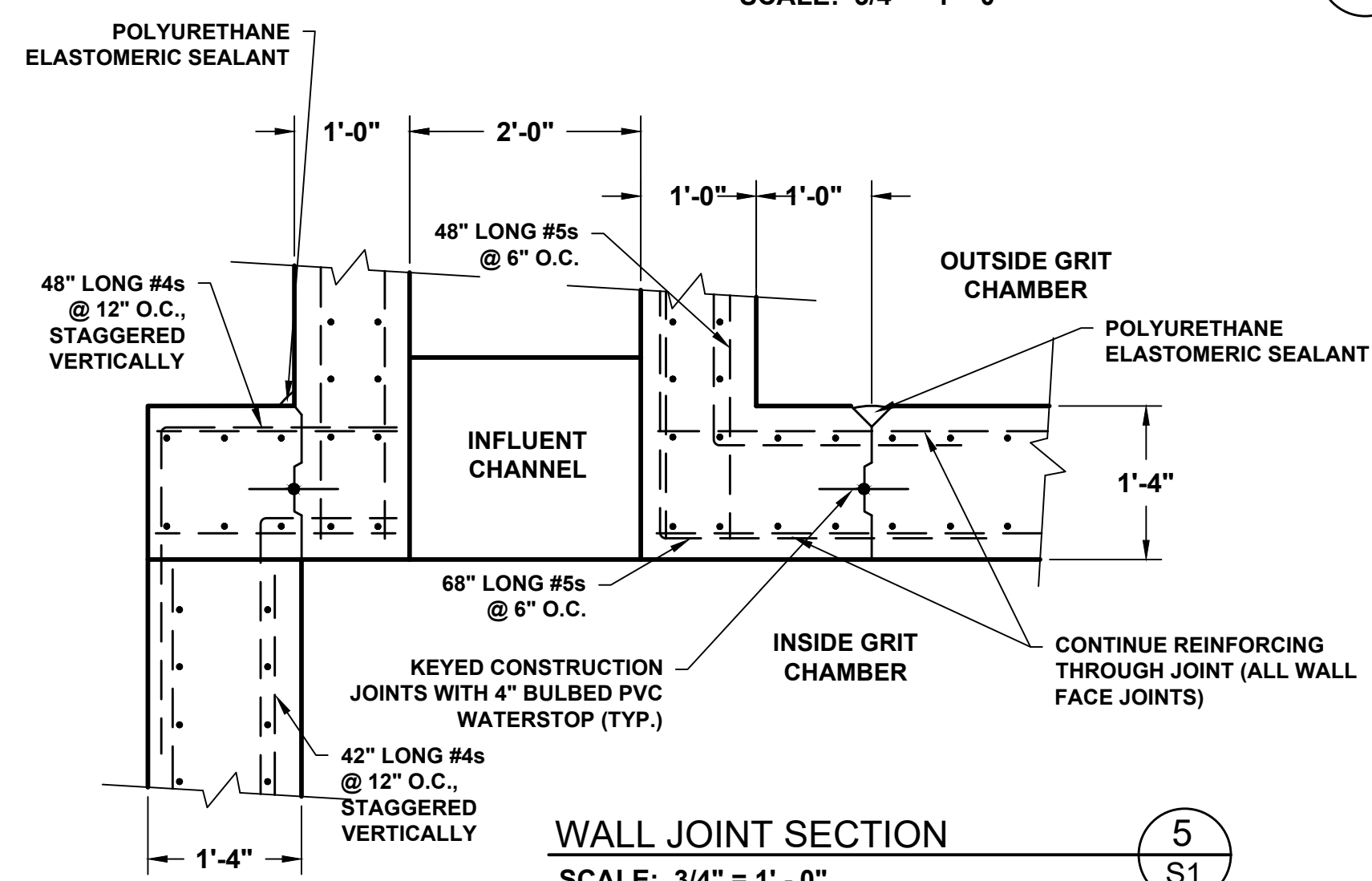


JOB No.: OE 2026-19
SCALE: AS NOTED
DATE: AUGUST 27, 2026
SHEET **S2**



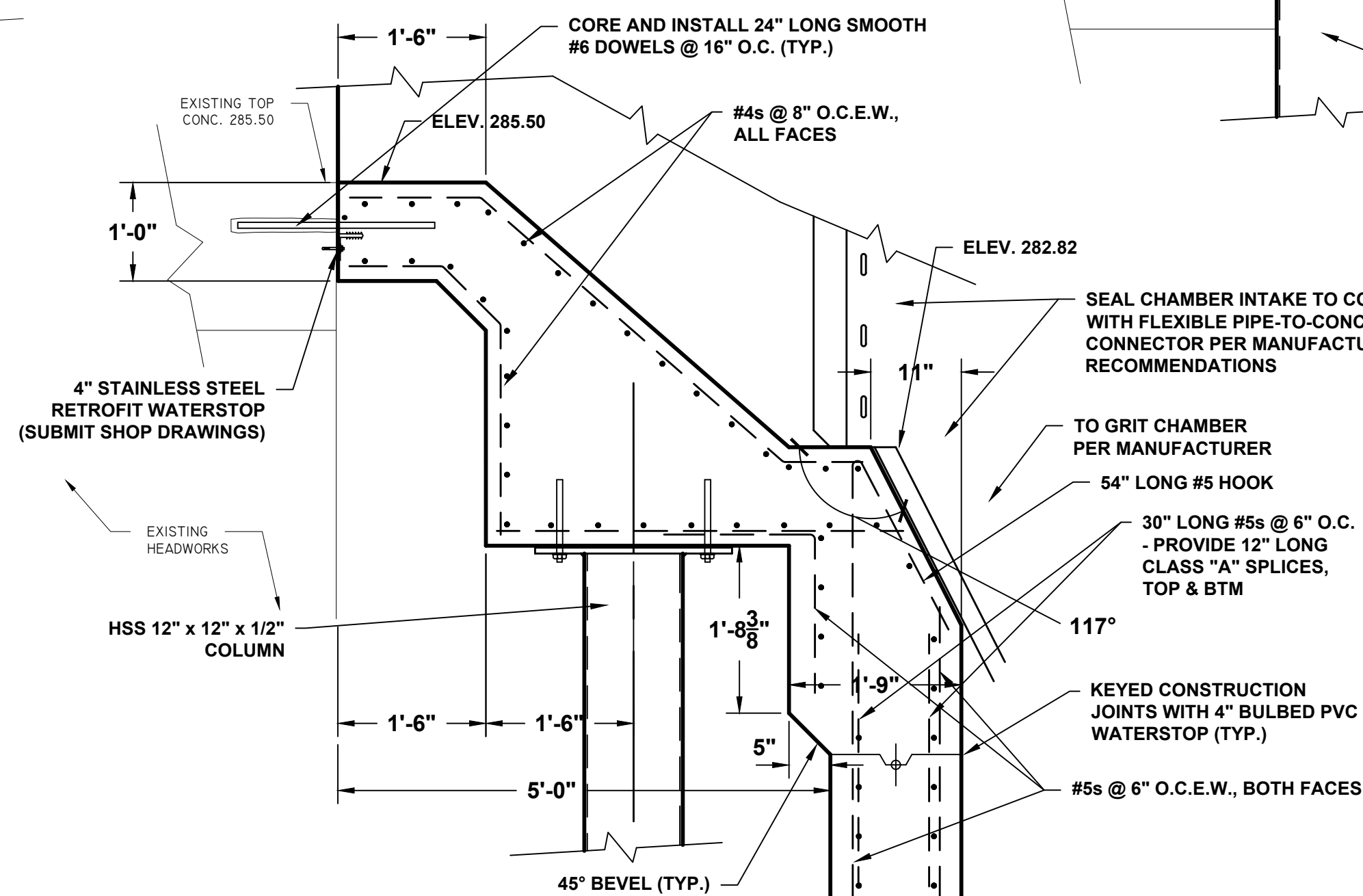
SECTION
SCALE: 3/4" = 1' - 0"

1
S1



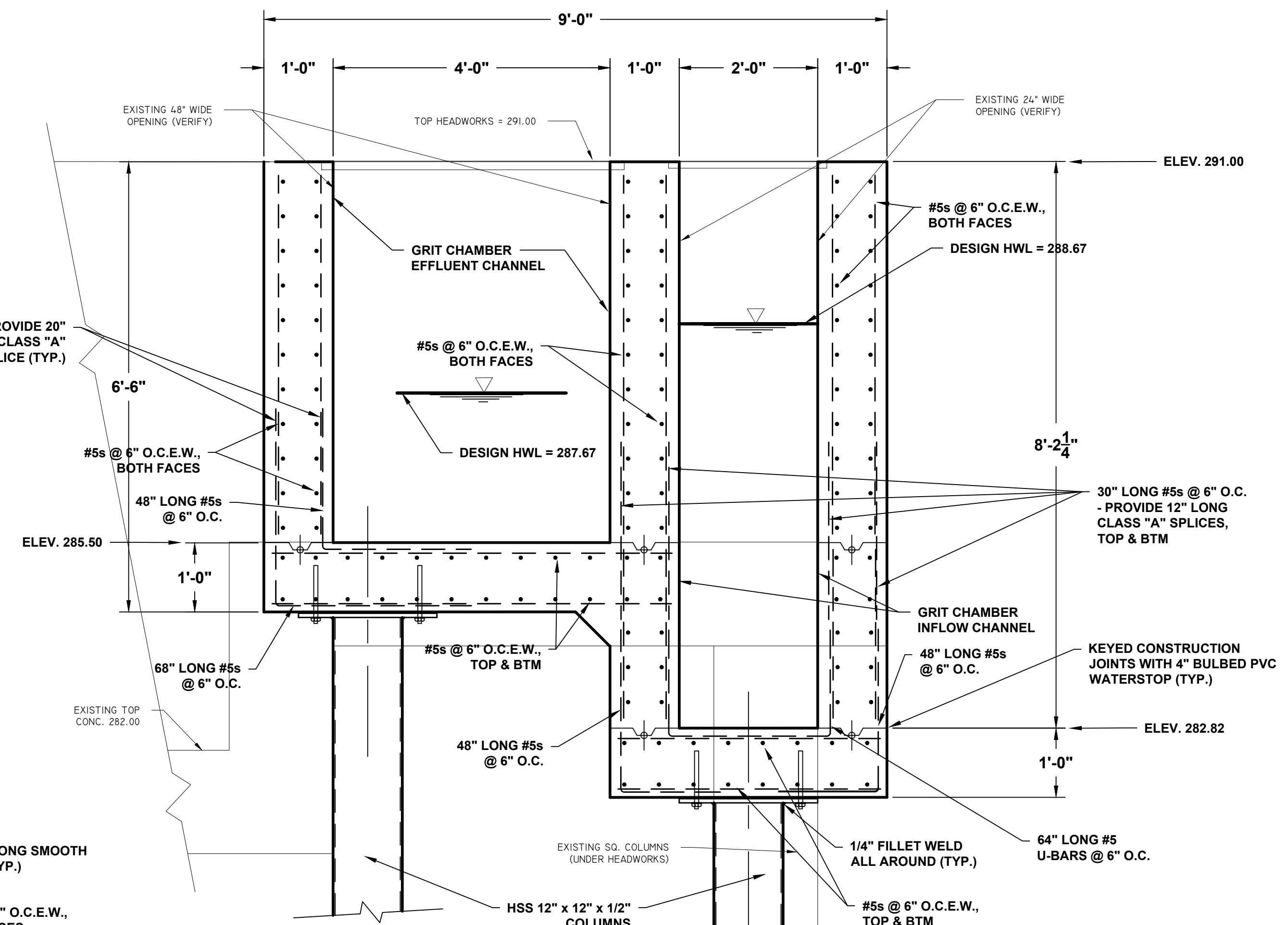
WALL JOINT SECTION
SCALE: 3/4" = 1' - 0"

5
S1



SECTION
SCALE: 3/4" = 1' - 0"

3
S1



SECTION
SCALE: 3/4" = 1' - 0"

2
S1

OWEN
ENGINEERING OF
ARKANSAS, LLC
Arkansas Certificate of
Authorization No. 22165

900 Market St., Suite 201
Shreveport, LA 71101
(318) 828-1126

DATE	REVISION	BY

DESIGNED	
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APPROVED	

A. L. FRANKS
ENGINEERING

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TEXARKANA WATER UTILITIES
NORTH TEXARKANA WWTP
TEXARKANA, AR

GRIT CHAMBER
SECTIONS

STATE OF
ARKANSAS
REGISTERED
PROFESSIONAL
ENGINEER
2004
OWEN

Job No.: OE 2026-19
SCALE: AS NOTED
DATE: AUGUST 27, 2026
SHEET **S3**