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ADDENDUM NO. 4

Date: 09/18/2026
Project Name: North Fork WWTP
Owner: City of Liberty Hill
Garver Project No: W07-2401219

This addendum shall be a part of the Plans, Contract Documents and Specifications to the same extent as though it were originally included therein, and it shall supersede anything contained in the Plans, Contract Documents, and Specifications with which it might conflict. This addendum, including all attachments, shall become part of the Contract and all provisions of the Contract shall apply thereto. The time provided for completion of the Contract has not been changed as noted in this addendum. Acknowledgement of receipt of this addendum must be noted in the appropriate section of the Bid Form and included with the Contract Documents.

A. SPECIFICATIONS – Volume 1 and Volume 2

1. Add the following specification section in its entirety, attached hereto:
 - a. 10 73 13 – Awnings
2. Remove the following specification sections in their entirety, and replace them with the same, attached hereto:
 - a. 40 23 39.1 – Process Piping Schedule
3. Revise Section 10 28 00 – Toilet and Bath Accessories as follows:
 - a. Revise paragraph 2.1.F.1 by deleting “Georgia Pacific 56784” and replacing with “Bradley 5B2 Series”.
4. Revise Section 31 23 16.20 – Rock Excavation as follows:
 - a. Delete paragraph 3.2.A.
5. Revise Section 40 05 78 – Air Release Valves as follows:
 - a. Add paragraph 2.11 as follows:

AIR RELEASE VALVE SCHEDULE

Facility	Pipe Size	Flow Stream	Valve Size	Quantity
10	18"	RS	3"	2
20	4"	GS	1"	2
30	8"	BIO-P	1"	2
30	4"	WAS	1"	2
30	4"	SCUM	1"	2

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30	16"	PRM	1"	1
40	20"	FE	1"	1
40	20"	PRM	1"	1
45	4"	W2	1"	4
45	8"	W2	1"	2
50	4"	SLG	1"	3

6. Revise Section 43 25 10 – Diaphragm Chemical Metering Pumps as follows:
- Delete paragraph 2.6.J.3.e.
 - Delete paragraph 2.6.K.1.

B. DRAWINGS - Volume 4

- Add the following drawings in their entirety, attached hereto:
 - 05-C001 – FIRE PROTECTION PLAN
 - 05-C002 – FIRE PROTECTION PLAN
- Remove the following drawings in their entirety, and replace with the same, attached hereto:
 - 05-C102 – PROPOSED EROSION CONTROL PLAN
 - 05-C103 – PROPOSED SITE AND PAVING PLAN - OVERVIEW
 - 05-C106 – PROPOSED SITE AND PAVING PLAN – ENLARGED 3
 - 05-C107 – PROPOSED SITE AND PAVING PLAN – ENLARGED 4
 - 05-C205 – PROPOSED GRADING AND DRAINAGE PLAN - OVERVIEW
 - 05-C208 – PROPOSED GRADING AND DRAINAGE PLAN – ENLARGED 3
 - 05-C209 – PROPOSED GRADING AND DRAINAGE PLAN – ENLARGED 4
 - 05-C302 – PROPOSED YARD PIPING PLAN - OVERVIEW
 - 05-C305 – PROPOSED YARD PIPING PLAN – ENLARGED 3
 - 05-C306 – PROPOSED YARD PIPING PLAN – ENLARGED 4
 - 05-C310 – PROPOSED YARD PIPING PLAN – INSET
 - 05-C311 – YARD PIPING PROFILES 1
 - 05-C312 – YARD PIPING PROFILES 2
 - 20-P101 – SECONDARY HEADWORKS UNDER SLAB PLAN
 - 20-P102 – SECONDARY HEADWORKS LOWER PLAN
 - 20-P103 – SECONDARY HEADWORKS OVERALL INTERMEDIATE PLAN
 - 20-P301 – SECONDARY HEADWORKS SECTIONS 1

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- r. 20-P302 – SECONDARY HEADWORKS SECTIONS 2
- s. 20-P304 – SECONDARY HEADWORKS SECTIONS 4
- t. 30-S107 – PROCESS TRAINS UPPER PLAN
- u. 30-S108 – PROCESS TRAINS UPPER PLAN AREA A
- v. 30-S109 – PROCESS TRAINS UPPER PLAN AREA B
- w. 30-S110 – PROCESS TRAINS UPPER PLAN AREA C
- x. 30-S111 – PROCESS TRAINS UPPER PLAN AREA D
- y. 30-S112 – PROCESS TRAINS UPPER PLAN AREA E
- z. 30-S113 – PROCESS TRAINS UPPER PLAN AREA F
- aa. 30-S114 – PROCESS TRAINS UPPER PLAN AREA G
- bb. 30-S302 – PROCESS TRAINS SECTION 2
- cc. 30-S303 – PROCESS TRAINS SECTION 3
- dd. 30-S307 – PROCESS TRAINS SECTION 7
- ee. 30-S502 – PROCESS TRAINS ENLARGED DETAIL 2
- ff. 30-S503 – PROCESS TRAINS ENLARGED DETAIL 3
- gg. 30-S505 – PROCESS TRAINS ENLARGED DETAIL 5
- hh. 30-S506 – PROCESS TRAINS ENLARGED DETAIL 6
- ii. 30-S507 – PROCESS TRAINS ENLARGED DETAIL 7
- jj. 30-P116 – PROCESS TRAINS UPPER LEVEL AREA G
- kk. 30-P302 – PROCESS TRAINS SECTIONS 2
- ll. 30-P303 – MBR BASIN SECTIONS
- mm. 30-P304 – PROCESS BLOWERS SECTIONS
- nn. 30-P305 – PROCESS BLOWERS SECTIONS 2
- oo. 30-P401 – AIR PIPE SUPPORT ENLARGED PLAN
- pp. 30-P402 – AIR PIPE SUPPORT ENLARGED PLAN 2
- qq. 50-S302 – AERATED SLUDGE HOLDING TANKS SECTION 2
- rr. 50-S303 – AERATED SLUDGE HOLDING TANKS SECTION 3
- ss. 50-P102 – AERATED SLUDGE HOLDING TANKS LOWER PLAN
- tt. 50-P103 – AERATED SLUDGE HOLDING TANKS UPPER PLAN
- uu. 50-P303 – AERATED SLUDGE HOLDING TANKS SECTIONS 3
- vv. 50-P304 – AERATED SLUDGE HOLDING TANKS SECTIONS 4
- ww. 50-P305 – AERATED SLUDGE HOLDING TANKS SECTIONS 5
- xx. 50-P401 – PUMP AND BLOWER PAD ENLARGED PLAN



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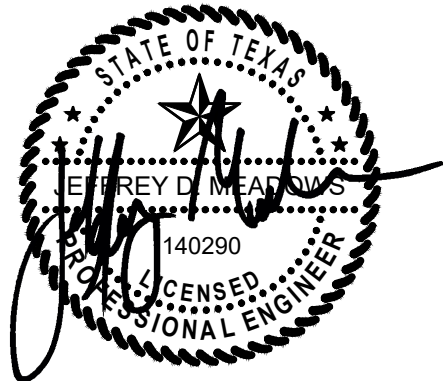
- yy. 60-A601 – DEWATERING BUILDING SCHEDULES
 - zz. 60-A602 – DEWATERING BUILDING DETAILS
 - aaa. 70-A104 – ADMINISTRATION BUILDING UPPER REFLECTED CEILING PLAN
 - bbb. 70-A403 – ADMINISTRATION BUILDING INTERIOR ELEVATION LOCKER
 - ccc. 70-A503 – ADMINISTRATION BUILDING SECTION DETAILS
 - ddd. 70-A601 – ADMINISTRATION BUILDING SCHEDULES
 - eee. 70-A602 – ADMINISTRATION BUILDING SCHEDULES
 - fff. 70-A701 – ADMINISTRATION BUILDING FLOORING PLAN
3. Revise Drawing 05-C108 – PROPOSED SITE AND PAVING PLAN – ENLARGED 5 as follows: delete callout “ASPHALT ACCESS ROAD D32/1313-002 R04/05-C112” and replace with “ASPHALT ACCESS ROAD D32/1216-001 R04/05-C112”

C. STANDARD DETAILS - Volume 5

- 1. Add the following standard detail in its entirety, attached hereto:
 - a. D32 1216-001 – ASPHALT PAVEMENT - TX
 - b. D33 1113-001 – WATER REDUCED PRESSURE BACKFLOW PREVENTER (RPBP)

By: _____

Jeffrey D. Meadows, PE
Project Manager



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Attachments:

Specifications

10 73 13 – Awnings

40 23 39.1 – Process Piping Schedule

Drawings

05-C001 – FIRE PROTECTION PLAN

05-C002 – FIRE PROTECTION PLAN

05-C102 – PROPOSED EROSION CONTROL PLAN

05-C103 – PROPOSED SITE AND PAVING PLAN - OVERVIEW

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50-P401 – PUMP AND BLOWER PAD ENLARGED PLAN

60-A601 – DEWATERING BUILDING SCHEDULES

60-A602 – DEWATERING BUILDING DETAILS

70-A104 – ADMINISTRATION BUILDING UPPER REFLECTED CEILING PLAN

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70-A503 – ADMINISTRATION BUILDING SECTION DETAILS

70-A601 – ADMINISTRATION BUILDING SCHEDULES

70-A602 – ADMINISTRATION BUILDING SCHEDULES

70-A701 – ADMINISTRATION BUILDING FLOORING PLAN

Standard Details

D32 1216-001 – ASPHALT PAVEMENT - TX

D33 1113-001 – WATER REDUCED PRESSURE BACKFLOW PREVENTER (RPBP)

END OF ADDENDUM NO. 4

SECTION 10 73 13 – AWNINGS

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section Includes:
 - 1. The Work aluminum awning systems.

1.2 REFERENCES

- A. ASTM International:
 - 1. A233, E70 Series
 - 2. B221
- B. AWS:
 - 1. D1.1
 - 2. D1.2

1.3 SUBMITTALS

- A. Subject to the requirements of Section 01 33 00 – Submittal Procedures.
- B. Shop Drawings:
 - 1. Show shop and erection details, including cut, copes, connections holes and welds. Show welds, both shop and field, by the current recommended symbols of the AWS. DO NOT fabricate members until shop drawings have been reviewed and approved by architect.
- C. Samples:
 - 1. Actual 8 in. by 8 in. color samples for Architect's selection.
- D. Include engineering calculations showing wind load requirements of the local Building Department and include fastener and erection details, signed, and sealed by the qualified professional Engineer responsible for their preparation.

1.4 QUALITY ASSURANCE

- A. Requirements of Awning manufacturer and Awning Contractor, Contractor shall provide proof of certifications:
 - 1. Have been in continuous operation as a professional awning manufacturer for a minimum of ten years prior to this contract.
 - 2. Welder Qualifications: The personnel manufacturing the metal awning frames shall use certified welders.
 - 3. Professional Engineer Qualifications: A professional Engineer who is legally authorized to practice in the state where the work is located and who is experienced in providing engineering services for installing awnings like those indicated for this project and with a record of successful in-service performance.
- B. The awning fabricator shall provide proof they have an ongoing written Quality Assurance program for five years or more.

1.5 WARRANTY

- A. Special Warranty:
 - 1. Manufacturer's standard form in which manufacturer agrees to repair or replace components of canopy/awning assemblies that fail in materials or workmanship within specified warranty period.
 - 2. Failures include, but are NOT limited to structure failures, including rupturing, cracking, or puncturing, deterioration of metals, metal finishes, and other materials beyond normal weathering.
 - 3. Warranty Period: Two years from date of Substantial Completion.
- B. Special Warranty on Panel Finishes:
 - 1. Manufacturer's standard form in which manufacturer agrees to repair finish or replace metal roof panels that show evidence of deterioration of factory-applied finishes within the specified warranty period.
 - 2. Finish Warranty Period: 20 years from date of Substantial Completion.
- C. See Section 01 78 36 – Warranties and Bonds for additional requirements.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Approved Manufacturers:
 - 1. Eide Industries, Inc.
 - 2. TFC Canopy
 - 3. Mapes Canopies
 - 4. Other Approved Fabricator

2.2 AWNINGS

- A. Awning shapes:
 - 1. As shown in the Construction Drawings.
- B. Frames:
 - 1. Minimum 2 in².125 ASTM B221 aluminum tubing, welding to AWS standards with welds ground smooth. Frames designed for wind loads, snow loads and seismic requirements as required by structural engineering requirements.
 - 2. All corners are to be mitered or completely welded to AWS standards.
- C. Metal Welding:
 - 1. All joints shall be mitered or completely welded to AWS standards, ground smooth, primed, and painted.
- D. Roof:
 - 1. Standing-seam metal roofing w/ snap-loc type seams.
- E. End panels:
 - 1. Provide solid end panels to match roof.
- F. Anchors:
 - 1. Anchoring hardware shall be aluminum.
- G. Finish:
 - 1. Factory-applied, oven-baked finish based on Kynar 500 polyvinylidene fluoride resin.

- H. Color:
 - 1. To be selected from the Manufacturer's full range of color selections.

- I. Caulking:
 - 1. Acrylic latex or silicone sealant.

2.3 FABRICATION

- A. Fabricate awning and frames as specified in the shop drawings, written welding procedure specifications, and the reference standards.
- B. Awning Frame Finish:
 - 1. Frames and metal components are to be a factory-applied, oven-baked finish based on Kynar 500 polyvinylidene fluoride resin.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Minimum 10 years awning installation experience required by the awning Contractor.
- B. Buildings are to be field measured by the awning Contractor prior to awning manufacture and awning installation.
- C. Install awnings and frames as specified in the Drawings and the shop drawings and provide appropriate building code requirements and aligned and plumb.
- D. Welding Procedures and Operation:
 - 1. See the referenced standard.
 - 2. Welding electrodes:
 - a. See ASTM A233, E70 Series.
 - 3. Grind smooth exposed welds and finish welds to the inside.
- E. Installer shall hold a current Contractor's license for the state where the work is located.

END OF SECTION

**SECTION 40 23 39.1
PROCESS PIPING SCHEDULE**

Service	Flow Stream Identifier	Installation (Note 1)	Nominal Diameter (Note 2)	Material (Note 3)	Coating (Note 8)	Spec/Data Sheet No.	Max Operating Temp (°F)	Max Operating Pressure (psig)	Test Pressure (psig) & Method (Note 4)	Pipe Color (Note 5)	Remarks
Air, Low Pressure	ALP	Exposed-Outdoors	ALL ≤ 3"	SST 304 PVC	---	40 23 39.36 40 23 39.43	300	20	30, AM	---	1
Air, Low Pressure, Odorous	ALPO	Exposed-Outdoors	ALL	FRP	---	40 05 36.13	Ambient	10	15, AM	---	
Biological Phosphorus Recycle	BIO-P	Exposed Submerged	ALL	CELDI	HSE	40 23 39.13	Ambient	20	30, HH	Brown w/Black Stripe	
<u>Process Chemical Piping:</u> Aluminum Sulfate Micro-C	ALUM MICC	Exposed	ALL	CPVC SCH80	---	40 23 39.46	Ambient	30	45, HH	Purple w/Orange Stripe White w/Green Stripe	
Final Effluent	FE	Exposed Buried	ALL	CLDI	HSE ---	40 23 39.13	Ambient	60	90, HH	Dark Green ---	5, 10
Fat, Oil, and Grease	FOG	Exposed Buried	ALL	CELDI	HSE ---	40 23 39.13	Ambient	30	45, HH	Brown ---	10
Grit Slurry	GS	Exposed	ALL	GLDI	HSE	40 23 39.13	Ambient	20	30, HH	Brown	9, 10
Membrane Clean in Place	CIP	Exposed	ALL	PVC	---	40 23 39.43	Ambient	100	150, HH	Yellow w/Orange Stripe	
Return Activated Sludge	RAS	Exposed	ALL	CELDI	HSE	40 23 39.13	Ambient	20	30, HH	Brown w/Black Stripe	10
Recirculated Water	RW	Exposed	ALL	PVC	----	40 23 39.43	Ambient	20	30, HH	Blue w/Green Stripe	
Raw Sewage	RS	Exposed Buried	ALL	CELDI	HSE ---	40 23 39.13	Ambient	70	105, HH	Tan ---	10
Mixed Liquor Suspended Solids	MLSS	Submerged	ALL	CELDI	HSE	40 23 39.13	Ambient	10	15, LH	Brown w/Black Stripe	10
Overflow	OF	Exposed	ALL	PVC	---	40 23 39.43	Ambient	Gravity Flow	5, G	White	
Polymer	PO	Exposed	ALL	CPVC SCH80	---	40 23 39.46	Ambient	30	45, HH	Gray w/Black Stripe	
Diluted Polymer	POS	Exposed	ALL	CPVC SCH80	---	40 23 39.46	Ambient	30	45, HH	Gray	
Permeate	PRM	Exposed-Outdoor Buried	ALL	CLDI	HSE ---	40 23 39.13	Ambient	60	90, HH	Blue	10
Plant/Process Drain	PD	All Exposed Buried Encased	≤ 4" > 4" > 4" ALL	PVC CLDI CLDI CLDI	--- HSE --- ---	40 23 39.43 40 23 39.13 40 23 39.13 40 23 39.13	Ambient	20	30, HH	Black	4, 10 --- --- ---
Scum	SCUM	Exposed Buried	ALL	CELDI	HSE ----	40 23 39.13	Ambient	40	60, HH	Gray w/Brown Stripe	5, 10
Storm Drain	SD	Buried	ALL	RCP	---	40 23 39.63	Ambient	Gravity Flow	5, G	---	
Sludge	SLG	Exposed Buried	ALL	CELDI	HSE ---	40 23 39.13	Ambient	50	75, HH	Brown	10
Waste Activated Sludge	WAS	Exposed Buried	ALL	CELDI	HSE	40 23 39.13	Ambient	30	45, HH	Brown w/Yellow Stripe	5, 10

SECTION 40 23 39.1 PROCESS PIPING SCHEDULE

Service	Flow Stream Identifier	Installation (Note 1)	Nominal Diameter (Note 2)	Material (Note 3)	Coating (Note 8)	Spec/Data Sheet No.	Max Operating Temp (°F)	Max Operating Pressure (psig)	Test Pressure (psig) & Method (Note 4)	Pipe Color (Note 5)	Remarks
Water (Non-Potable)	W2	Buried Buried Exposed Exposed	<4 in. >4 in. <4 in. >4 in.	PVC CLDI PVC CLDI	--- --- --- HSE	40 23 39.43 40 23 39.13 40 23 39.43 40 23 39.13	Ambient	120	180, HH	Purple with Black Lettering	4, 5, 10
Water (Potable)	W1	Buried Buried Exposed	>3 in. ≤3 in. All	CLDI CPVC SCH80 CPVC SCH80	---	40 23 39.13 40 23 39.46 40 23 39.46	Ambient	100	150, HH	---	4, 5
Vent	V	Exposed Buried	All	PVC	---	40 23 39.43	Ambient	N/A	N/A		

Notes: 1 Encased – Buried piping under concrete slabs, and/or structures shall be concrete encased per standard detail D40/2400-009 unless specified otherwise in Drawings. Exposed – Inside/Outside Submerged – Below Liquid Surface Buried – Directly into Soil 2 > Greater Than < Less Than ≤ Less Than or Equal To ≥ Greater Than or Equal To 3 BS – Black Steel CELDI – Ceramic Epoxy Lined Ductile Iron CLDI – Cement Lined Ductile Iron CPVC – Chlorinated Polyvinyl Chloride GLDI – Glass Lined Ductile Iron CU – Copper DWV – Drain Waste Vent HDPE – High Density Polyethylene MDPE – Medium Density Polyethylene STL – Carbon Steel (AWWA C222) SST – Stainless Steel FL PVC – Flanged Polyvinyl Chloride Pipe PO PVC – Push on Joint Polyvinyl Chloride Pipe CLSTL – Cement Lined Welded Steel (AWWA C205) SW PVC – Solvent Weld Polyvinyl Chloride Pipe PTFE – Polytetrafluoroethylene FRP – Fiberglass Reinforced Pipe RCP - Reinforced Concrete Pipe 4 P – Pneumatic Test G – Gravity Piping AM – Air Method HH – High Head LH – Low Head LP – Low-Pressure Pneumatic Test See Section 40 05 00 – Piping Systems Testing for requirements. Pipe testing required as specified above. 5 See Section 09 96 00 for required painting. For buried piping, no color shall be required; coordinate for proper coatings, as necessary. Where no color is specified, color to be selected by Owner. For exposed piping not coated, provide colored banding and identification. 6 General – Deviations from this schedule are specified in Drawing notes. 7 General – The piping material shall be specified by requirements for the service listed being drained or vented. 8 EPP – Epoxy and Polyurethane Coating System HSE – High Solids Epoxy CTP – Coal Tar Pitch HT – High Temperature											
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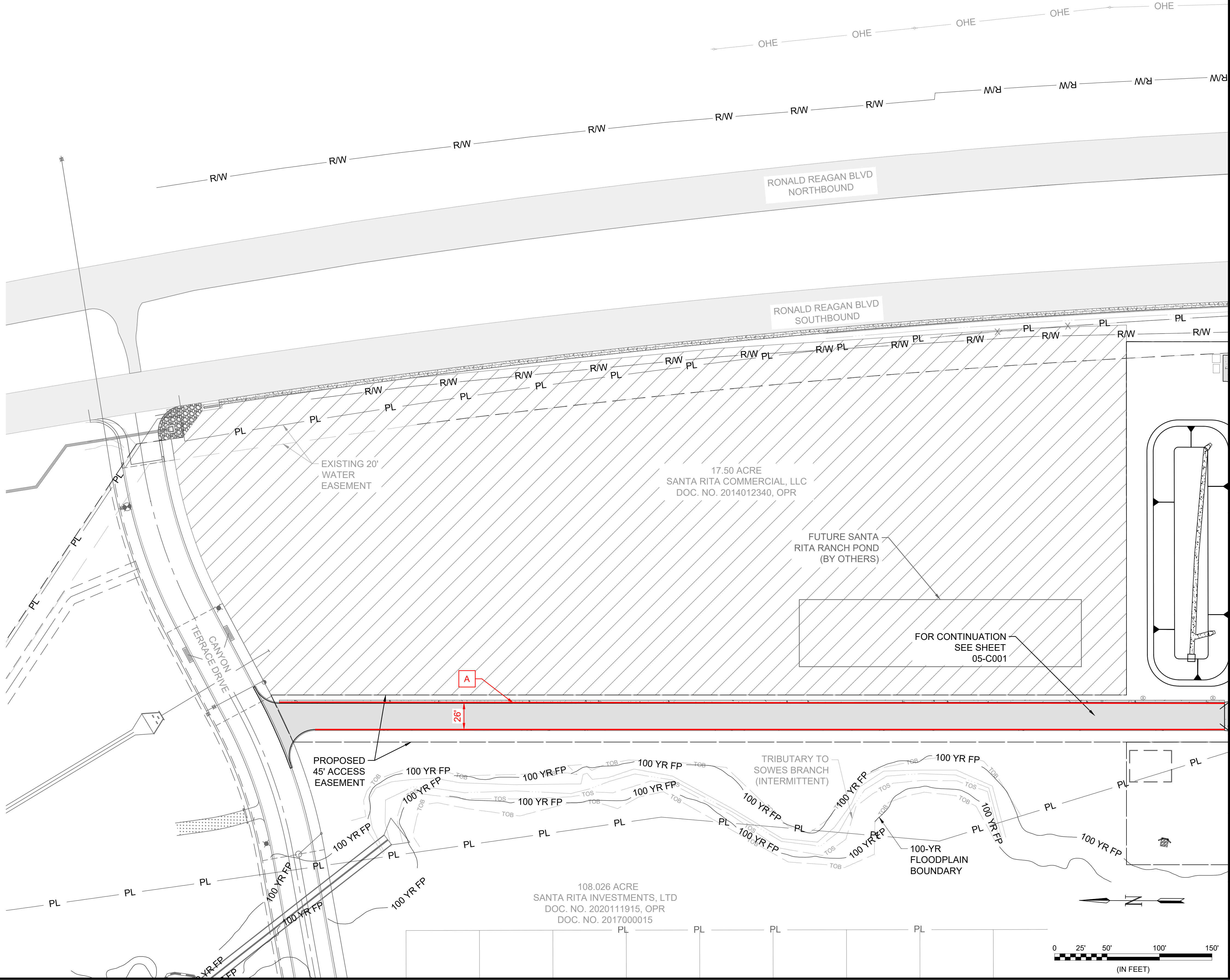
Remarks: 1 Welded or flanged, flanged where shown. 2 Where buried piping transitions to exposed PVC piping, the buried piping shall be extended at least 6 in. above the floor before transitioning to exposed PVC piping. 3 Natural gas piping shall be tested as specified in Section 406 of the International Fuel Gas Code. 4 FL PVC, PO PVC, or SW PVC where shown. 5 Heat trace and insulate all outside piping as specified in Section 40 41 13 – Heat Tracing. 6 Buried is flexible tubing in PVC carrier.											
--	--	--	--	--	--	--	--	--	--	--	--

- 7 Provide 316 SS unless connection with existing piping is 304 SS. In the case that the connection with existing piping is 304 SS, provide 304 SS.
- 8 Provide welding agents chemically compatible with the conveyed chemical for all CPVC welding agents.
- 9 All 45-degree and 90-degree bends shall be long radius bends
- 10 Pipes within 9 feet of a potable water line (W1) must be minimum 150 psi pressure class.

END OF SECTION

NOTES:

1. THE RONALD REAGAN BOULEVARD EXPANSION PROJECT IS IN ACTIVE CONSTRUCTION DURING DESIGN OF THE NORTH FORK WWTP PROJECT. THE RONALD REAGAN EXPANSION PROJECT IS EXPECTED TO BE COMPLETED WHEN NORTH FORK WWTP CONSTRUCTION STARTS, SO FEATURES ASSOCIATED WITH RONALD REAGAN EXPANSION ARE SHOWN AS EXISTING IN THIS PLAN SET.
2. CANYON TERRACE DRIVE AND THE ASSOCIATED UTILITIES AND SURFACE FEATURES ARE CURRENTLY IN DESIGN AND ARE EXPECTED TO BE COMPLETED WHEN NORTH FORK WWTP CONSTRUCTION STARTS. DESIGN FEATURES ASSOCIATED WITH THESE PROJECTS ARE SHOWN AS EXISTING IN THIS PLAN SET.



A SITE LAYOUT KEYNOTES

SITE LAYOUT KEYNOTES:

- A. 26' FIRE LANE



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REGISTRATION NO.
F-5713



REV	DATE	DESCRIPTION	BY
1	09/18/26	ADDENDUM NO.4	SJM



CITY OF LIBERTY HILL
LIBERTY HILL, TX
LIBERTY HILL NORTH FORK WWTP

FIRE PROTECTION
PLAN

JOB NO.: W07-2401219
DATE: SEPT. 2026
DESIGNED BY: SJM
DRAWN BY: OG
CHECKED BY: SJM

BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET,
ADJUST SCALES ACCORDINGLY

DRAWING NUMBER
05-C001
SHEET
NUMBER

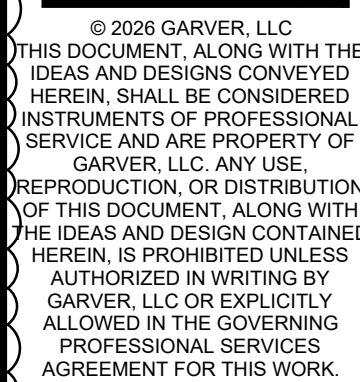
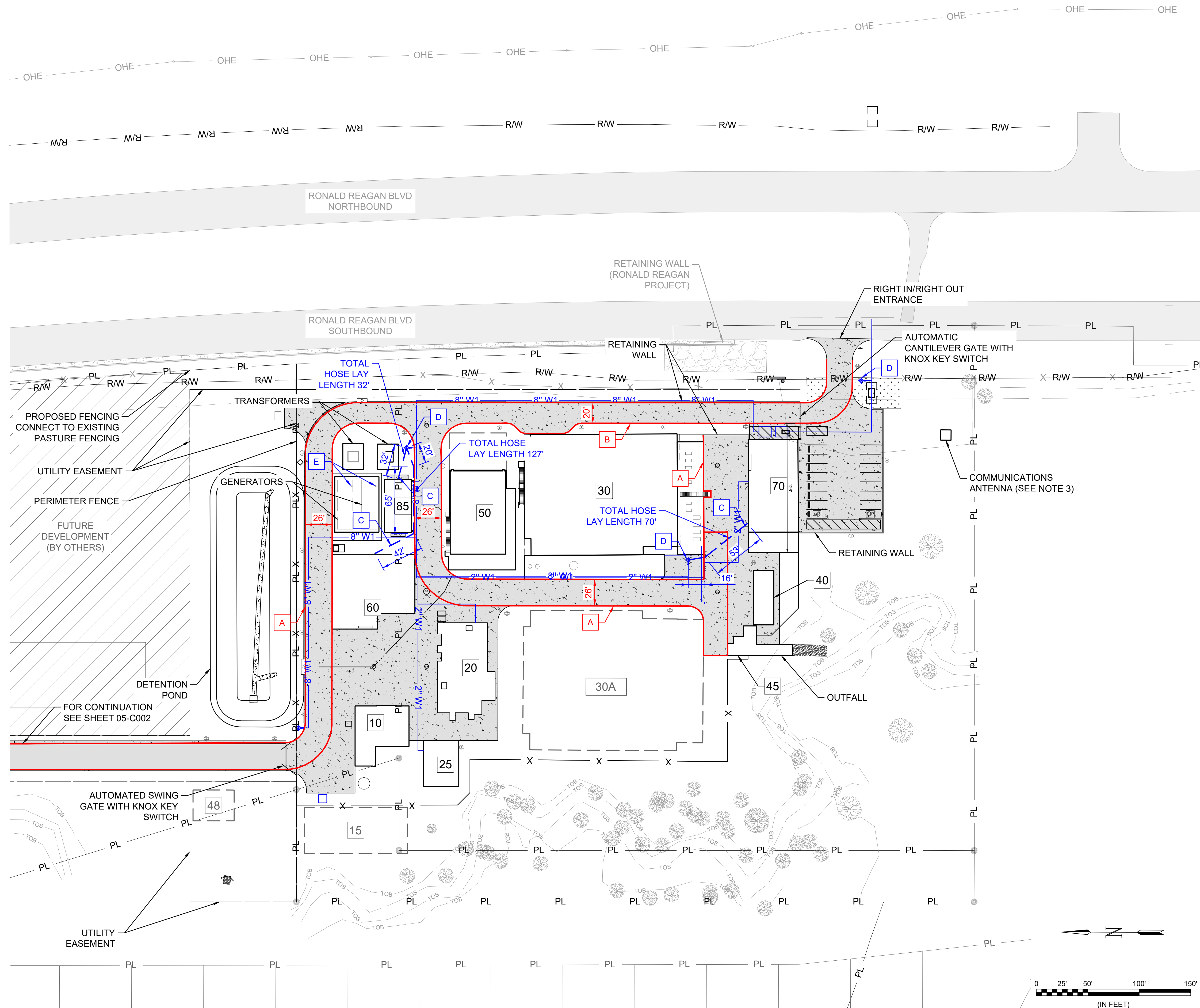
XX PROPOSED STRUCTURESA SITE LAYOUT KEYNOTES

SITE LAYOUT KEYNOTES:

- A. 26' FIRE LANE
- B. 20' FIRE LANE
- C. HOSE LAY
- D. FIRE HYDRANT
- E. GENERATOR EXTERNAL DISCONNECT

NOTES:

1. THE RONALD REAGAN BOULEVARD EXPANSION PROJECT IS IN ACTIVE CONSTRUCTION DURING DESIGN OF THE NORTH FORK WWTP PROJECT. THE RONALD REAGAN EXPANSION PROJECT IS EXPECTED TO BE COMPLETED WHEN NORTH FORK WWTP CONSTRUCTION STARTS, SO FEATURES ASSOCIATED WITH RONALD REAGAN EXPANSION ARE SHOWN AS EXISTING IN THIS PLAN SET.
2. DETENTION POND IS PRELIMINARY. SIZE AND LOCATION ARE SUBJECT TO CHANGE DURING DESIGN DEVELOPMENT.
3. PROPOSED 15' UTILITY EASEMENT IS BETWEEN THE SANTA RITA RANCH DEVELOPMENT AND THE CITY OF GEORGETOWN. CONTRACTOR SHALL COORDINATE WITH BOTH ENTITIES TO VERIFY FINAL EASEMENT LOCATION PRIOR TO CONSTRUCTION.
4. FIRE LANE SHALL BE CONSTRUCTED OF CONCRETE ONLY ABLE TO WITHSTAND AN IMPOSED LOAD OF 75,000 POUNDS.
5. FIRE LINES SHALL BE HYDROSTATIC TESTED AT A MINIMUM OF 200PSI FOR A DURATION OF 2 HOURS. TO BE VERIFIED BY THE FIRE CODE OFFICIAL.
6. PRE-CONSTRUCTION MEETING SHALL BE SCHEDULED WITH DEPUTY FIRE MARSHAL JEFF FOSTER PRIOR TO CONSTRUCTION AT JFOSTER@LIBERTYHILLFIRE.ORG.
7. ANY BEND IN THE FIRE LINE SHALL BE SUPPORTED BY THRUST BLOCKS AND SHALL BE VERIFIED BY THE FIRE CODE OFFICIAL.
8. ALL FIRE LINES INCLUDING THE REMOTE FDC LINE SHALL BE HYDROSTATIC TESTED AT 200 PSI FOR A DURATION OF 2 HOURS AND SHALL BE VERIFIED BY THE FIRE CODE OFFICIAL.



REGISTRATION NO.
F-5713



REV	DATE	DESCRIPTION	BY
1	09/18/26	ADDENDUM NO.4	SJM



CITY OF LIBERTY HILL
LIBERTY HILL, TX
LIBERTY HILL | NORTH E

FIRE PROTECTION
PLAN

JOB NO.: W07-240121
DATE: SEPT. 2026
DESIGNED BY: SJM
DRAWN BY: OG
CHECKED BY: SJM

BAR IS ONE INCH ON
ORIGINAL DRAWING

0 1"

DRAWING NUMBER

05-C002

SHEET
NUMBER

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Last plotted by: Paik, Seung J. (Sam) Plot Style: AECmono.ctb Plot Date: 9/18/2026 1:00 PM Plotter Used: None

XX PROPOSED STRUCTURES

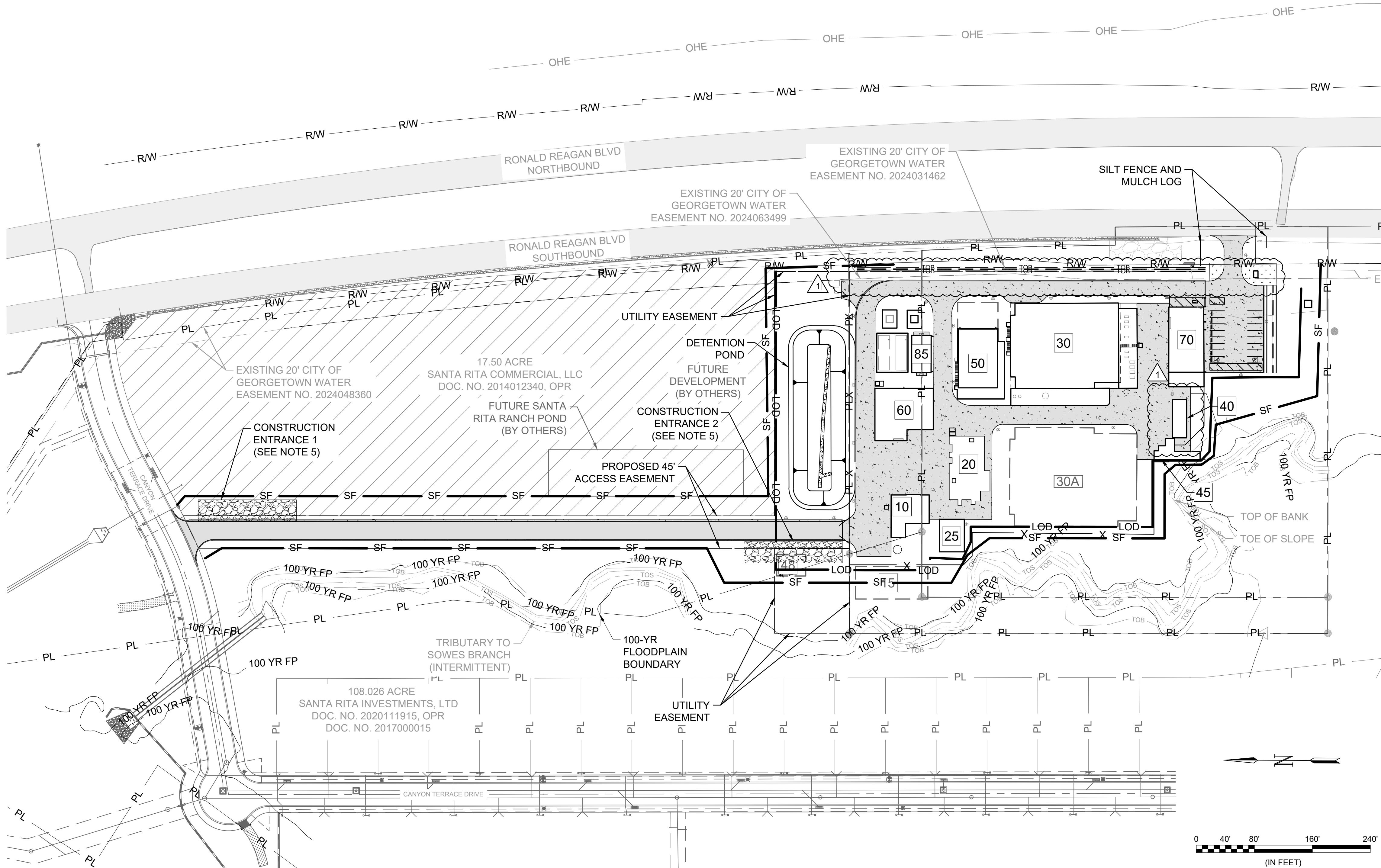
PROPOSED FACILITIES	
10	PRIMARY HEADWORKS
15	FUTURE EQUALIZATION BASIN
20	SECONDARY HEADWORKS
25	ODOR CONTROL
30	MBR PROCESS TRAINS
30A	FUTURE MBR PROCESS TRAINS
40	UV DISINFECTION
45	EFFLUENT FACILITY
48	FUTURE AWPS PUMP STATION
50	AERATED SLUDGE HOLDING TANKS
60	DEWATERING FACILITY
70	ADMINISTRATION BUILDING
85	ELECTRICAL BUILDING

LEGEND

	LOD	LIMITS OF DISTURBANCE
	SF	SILT FENCE
		COMPOST FILTER SOCK
	G	INLET PROTECTION BARRIER
		TRACKOUT CONTROL MAT CONSTRUCTION EXIT
		GRAVEL/ GRAVEL CONSTRUCTION EXIT

NOTES:

1. THE RONALD REAGAN BOULEVARD EXPANSION PROJECT IS IN ACTIVE CONSTRUCTION DURING DESIGN OF THE NORTH FORK WWTP PROJECT. THE RONALD REAGAN EXPANSION PROJECT IS EXPECTED TO BE COMPLETED WHEN NORTH FORK WWTP CONSTRUCTION STARTS, SO FEATURES ASSOCIATED WITH RONALD REAGAN EXPANSION ARE SHOWN AS EXISTING IN THIS PLAN SET.
2. CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN AND FOLLOW ALL REQUIREMENTS FOR ALL REQUIRED STORMWATER AND CONSTRUCTION PERMITS REQUIRED BY LOCAL, STATE AND FEDERAL REGULATIONS. CONTRACTOR SHALL INSTALL AND MAINTAIN SEDIMENT AND EROSION CONTROL MEASURES NECESSARY TO PREVENT SEDIMENT FROM EXITING THE PROJECT SITE. IN THE EVENT SEDIMENT FROM THE CONSTRUCTION AREA ACCUMULATES ON ADJACENT PROPERTIES IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REMOVE THE SEDIMENT AND RESTORE DAMAGED AREA TO ORIGINAL CONDITION.
3. MAINTAIN AND KEEP CLEAN THE CONSTRUCTION EXIT. CONTRACTOR SHALL BE RESPONSIBLE FOR STREET SWEEPING IF SEDIMENT FROM CONSTRUCTION SITE IS TRACKED ONTO ADJACENT ROADWAYS.
4. CONTRACTOR SHALL BE RESPONSIBLE TO INSPECT ALL BMPs AFTER RAINFALL EVENTS. CONTRACTORS SHALL REPAIR AND MAINTAIN MEASURES AS NEEDED TO ENSURE ALL MEASURES ARE INSTALLED AND WORKING AS NEEDED.
5. CONSTRUCTION ENTRANCE 1 SHALL BE USED UNTIL THE NORTH ACCESS ROAD IS ACCEPTED AND IN USE. AFTER NORTH ACCESS ROAD IS ACCEPTED AND IN USE CONTRACTOR SHALL USE CONSTRUCTION ENTRANCE.
6. CONTRACTOR SHALL OBTAIN ALL TEMPORARY CONSTRUCTION EASEMENTS NECESSARY TO INSTALL CONSTRUCTION ENTRANCES.
7. CANYON TERRACE DRIVE AND THE ASSOCIATED UTILITIES AND SURFACE FEATURES ARE CURRENTLY IN DESIGN AND ARE EXPECTED TO BE COMPLETED WHEN NORTH FORK WWTP CONSTRUCTION STARTS. DESIGN FEATURES ASSOCIATED WITH THESE PROJECTS ARE SHOWN AS EXISTING IN THIS PLAN SET.



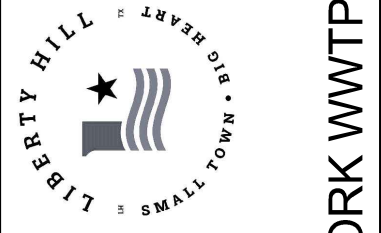


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REGISTRATION NO.
F-5713



BY	DATE	DESCRIPTION	REV
SJM	09/18/26	ADDENDUM NO.4	1



CITY OF LIBERTY HILL
LIBERTY HILL, TX

LIBERTY HILL NORTH FORK WWTP

PROPOSED EROSION CONTROL PLAN

JOB NO.: W07-2401219
DATE: SEPT. 2026
DESIGNED BY: SJM
DRAWN BY: OG
CHECKED BY: SJM

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DRAWING NUMBER
05-C102

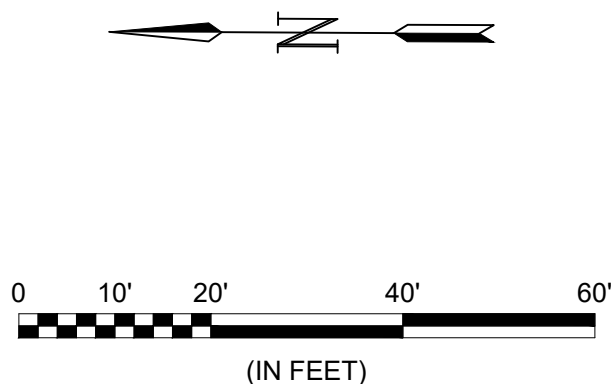
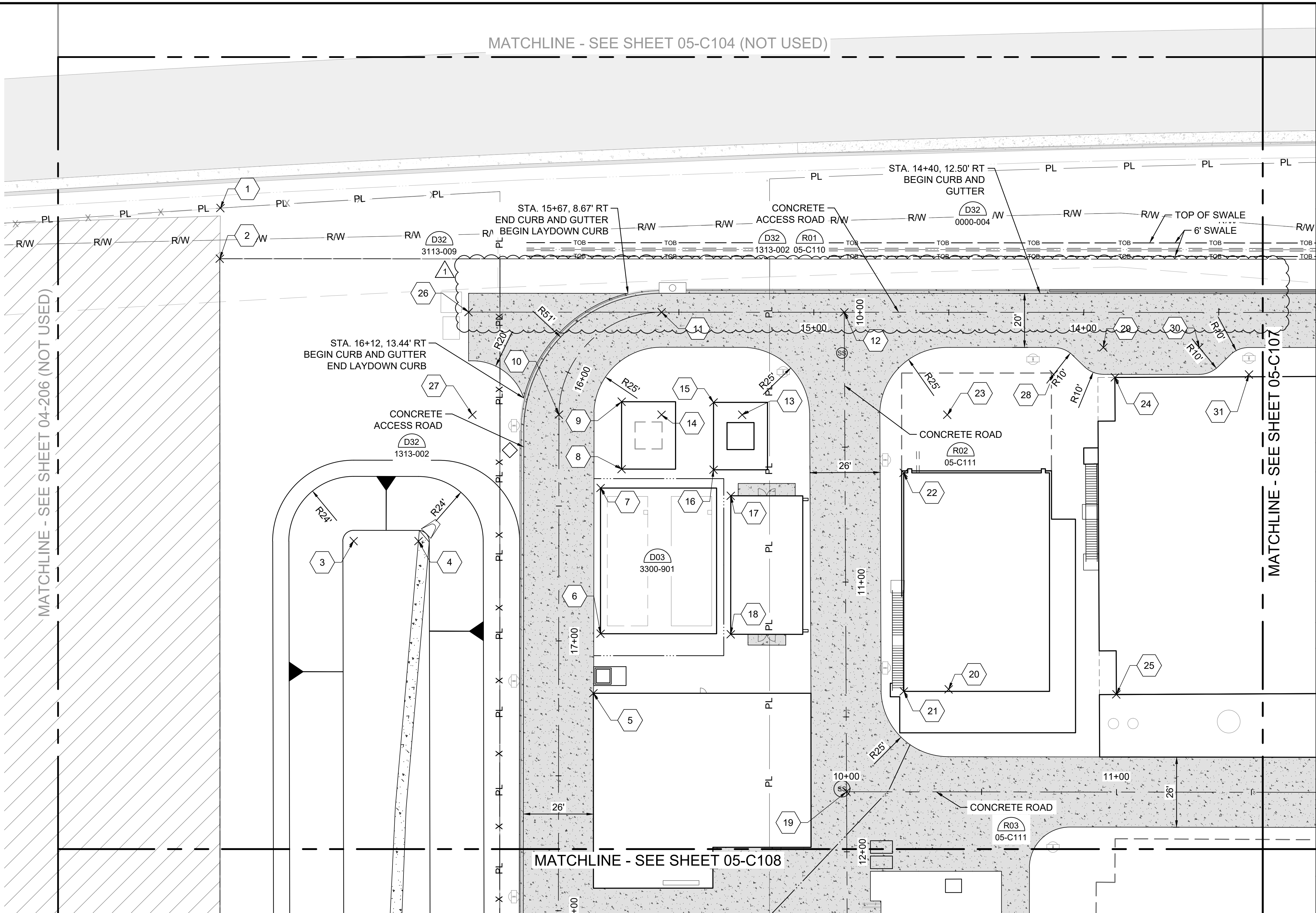
SHEET NUMBER
43

SITE LAYOUT COORDINATES			
POINT #	DESCRIPTION	NORTHING	EASTING
1	PROPOSED FENCING CONNECT TO EXISTING PASTURE FENCING	10217390.38	3080123.30
2	CORNER OF FENCE	10217390.10	3080104.52
3	CENTER OF 24' RADIUS	10217337.68	3080001.22
4	CENTER OF 24' RADIUS	10217313.69	3080001.84
5	NE CORNER OF DEWATERING FACILITY ODOR CONTROL 80	10217247.37	3079947.26
6	NW CORNER OF GENERATOR PAD	10217245.31	3079969.39
7	NE CORNER OF GENERATOR PAD	10217246.77	3080023.37
8	NW CORNER OF TRANSFORMER PAD	10217239.16	3080030.59
9	NE CORNER OF TRANSFORMER PAD	10217239.84	3080055.58
10	PT OF CONCRETE ACCESS ROAD	10217262.92	3080050.17
11	PC OF CONCRETE ACCESS ROAD	10217225.95	3080089.14
12	STA. 14+89 OF R01 = STA 10+00 OF R02	10217158.27	3080090.95
13	CENTER OF 25' RADIUS	10217195.06	3080051.92
14	CENTER OF 25' RADIUS	10217224.94	3080051.14
15	NE CORNER OF TRANSFORMER PAD	10217205.78	3080056.25
16	NW CORNER OF TRANSFORMER PAD	10217205.10	3080031.26
17	NE CORNER OF ELECTRIC BUILDING 85	10217198.47	3080021.79
18	NW CORNER OF ELECTRIC BUILDING 85	10217197.08	3079970.47
19	STA. 11+78 OF R02 = STA. 10+00 OF R03	10217152.61	3079913.31
20	CENTER OF 25' RADIUS	10217115.83	3079952.27
21	NW CORNER OF ASHTS SLAB 50	10217132.42	3079951.05
22	NE CORNER OF ASHTS SLAB 50	10217134.64	3080032.02
23	CENTER OF 25' RADIUS	10217119.08	3080053.98
24	NE CORNER OF MBR PROCESS TRAINS 30	10217057.39	3080069.52
25	NW CORNER OF MBR PROCESS TRAINS 30	10217053.65	3079952.08
26	EDGE OF CONCRETE	10217297.42	3080087.23
27	CENTER OF 20' RADIUS	10217294.99	3080049.24
28	CENTER OF 10' RADIUS	10217080.10	3080070.03
29	CENTER OF 10' RADIUS	10217061.95	3080080.52
30	CENTER OF 10' RADIUS	10217026.45	3080081.46
31	CENTER OF 10' RADIUS	10217007.77	3080071.96

SITE LAYOUT COORDINATES

NOTES:

1. ALL SITE LAYOUT COORDINATES ARE EXTERIOR WALL CORNERS UNLESS OTHERWISE NOTED.



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REGISTRATION NO.
F-5713



REV	DATE	DESCRIPTION	BY
1	09/18/26	ADDENDUM NO.4	SJM



CITY OF LIBERTY HILL

LIBERTY HILL, TX

LIBERTY HILL NORTH FORK WWTP

PROPOSED SITE AND
PAVING PLAN -
ENLARGED 3

JOB NO.: W07-2401219
DATE: SEPT. 2026
DESIGNED BY: SJM
DRAWN BY: OG
CHECKED BY: SJM

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05-C106

SHEET
NUMBER **45**

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Last plotted by: Paik, Seung J. (Sjm) Plot Style: AECmono.ctb Plot Scale: 1:2,584.9

SITE LAYOUT COORDINATES			
POINT #	DESCRIPTION	NORTHING	EASTING
1	CENTER OF 15' RADIUS (OFF SHEET)	10216899.07	3079891.83
2	CENTER OF 5' RADIUS	10216927.98	3079937.09
3	NE CORNER OF UV DISINFECTION 40	10216836.66	3079943.11
4	NW CORNER OF ADMINISTRATION BUILDING HVAC PAD	10216842.17	3079960.42
5	NW CORNER OF ADMIN 70 AND NE CORNER OF ADMINISTRATION BUILDING HVAC PAD	10216842.70	3079980.41
6	NE CORNER OF ADMIN 70	10216845.10	3080070.37
7	GATE SUPPORT BRACKET (TYP)	10216795.24	3080083.86
8	CENTER OF 20' RADIUS	10216790.57	3080127.76
9	CENTER OF 20' RADIUS	10216791.10	3080150.17
10	STA. 10+00 OF R01	10216759.29	3080189.69
11	CENTER OF 20' RADIUS	10216726.03	3080150.69
12	CENTER OF 20' RADIUS	10216725.61	3080123.26
13	TIE-IN TO EXISTING	10216791.01	3080171.18
14	TIE-IN TO EXISTING	10216726.48	3080171.69
15	CORNER OF FENCE	10216792.06	3079907.67
16	EDGE OF GRAVEL PAVING	10216812.03	3079961.21

PARKING SPACES	
STANDARD SPACES	14
ADA SPACES	2
TOTAL SPACES	16

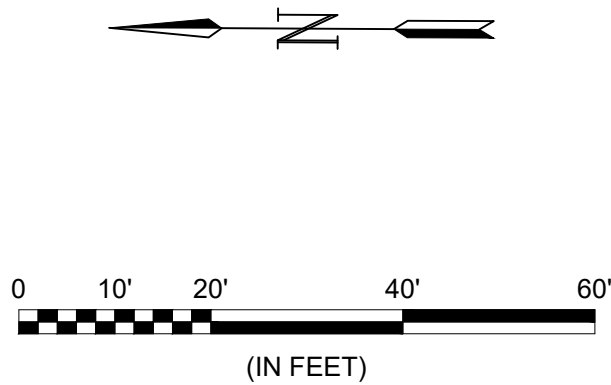
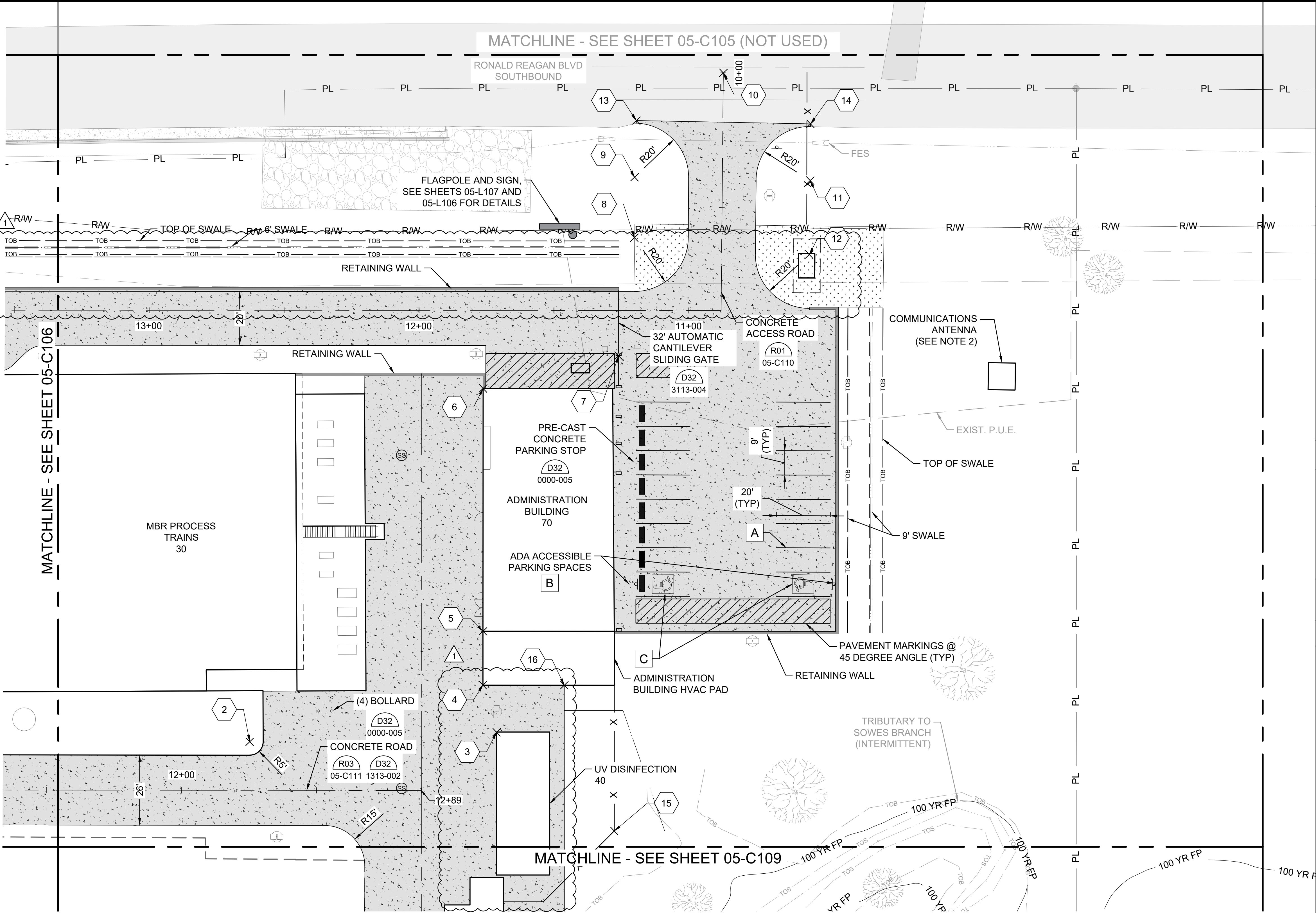
- A** SITE LAYOUT KEYNOTES
- #** SITE LAYOUT COORDINATES

NOTES:

- ALL SITE LAYOUT COORDINATES ARE EXTERIOR WALL CORNERS UNLESS OTHERWISE NOTED.
- FINAL LOCATION AND GRADING ADJUSTMENTS REQUIRED FOR ANTENNA INSTALLATION SHALL BE THE RESPONSIBILITY OF THE ANTENNA MANUFACTURER AND/OR INSTALLER.

SITE LAYOUT KEYNOTES:

- 4" WIDE WHITE TRAFFIC PAINT (TXDOT ITEM 666).
- ACCESSIBLE PARKING SIGNS (R7-8T, R7-8P) MOUNTED ON UNIVERSAL ANCHOR SYSTEM WITH FRP POST.
- ACCESSIBLE PARKING MARKING (TCMUTCD FIG 2B-19, WHITE, NO BORDER, NO BACKGROUND)





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REGISTRATION NO. F-5713



REV	DATE	DESCRIPTION	BY
1	09/18/26	ADDENDUM NO.4	SJM



CITY OF LIBERTY HILL
LIBERTY HILL, TX

LIBERTY HILL NORTH FORK WWTP

PROPOSED SITE AND PAVING PLAN - ENLARGED 4

JOB NO.: W07-2401219
DATE: SEPT. 2026
DESIGNED BY: SJM
DRAWN BY: OG
CHECKED BY: SJM

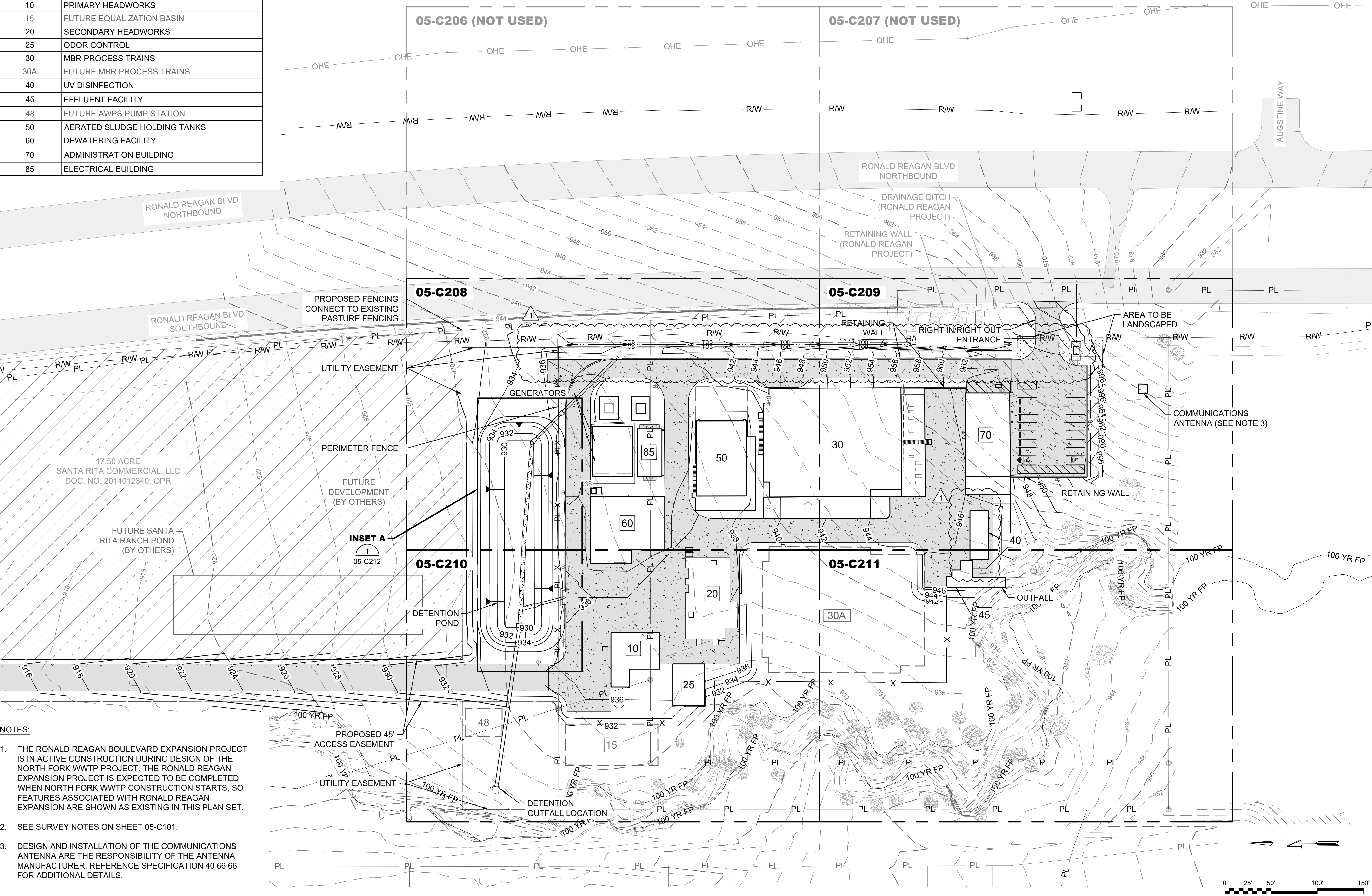
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SHEET NUMBER
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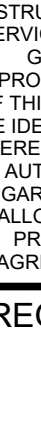
XX PROPOSED STRUCTURES

PROPOSED FACILITIES	
10	PRIMARY HEADWORKS
15	FUTURE EQUALIZATION BASIN
20	SECONDARY HEADWORKS
25	ODOR CONTROL
30	MBR PROCESS TRAINS
30A	FUTURE MBR PROCESS TRAINS
40	UV DISINFECTION
45	EFFLUENT FACILITY
48	FUTURE AWPS PUMP STATION
50	AERATED SLUDGE HOLDING TANKS
60	DEWATERING FACILITY
70	ADMINISTRATION BUILDING
85	ELECTRICAL BUILDING



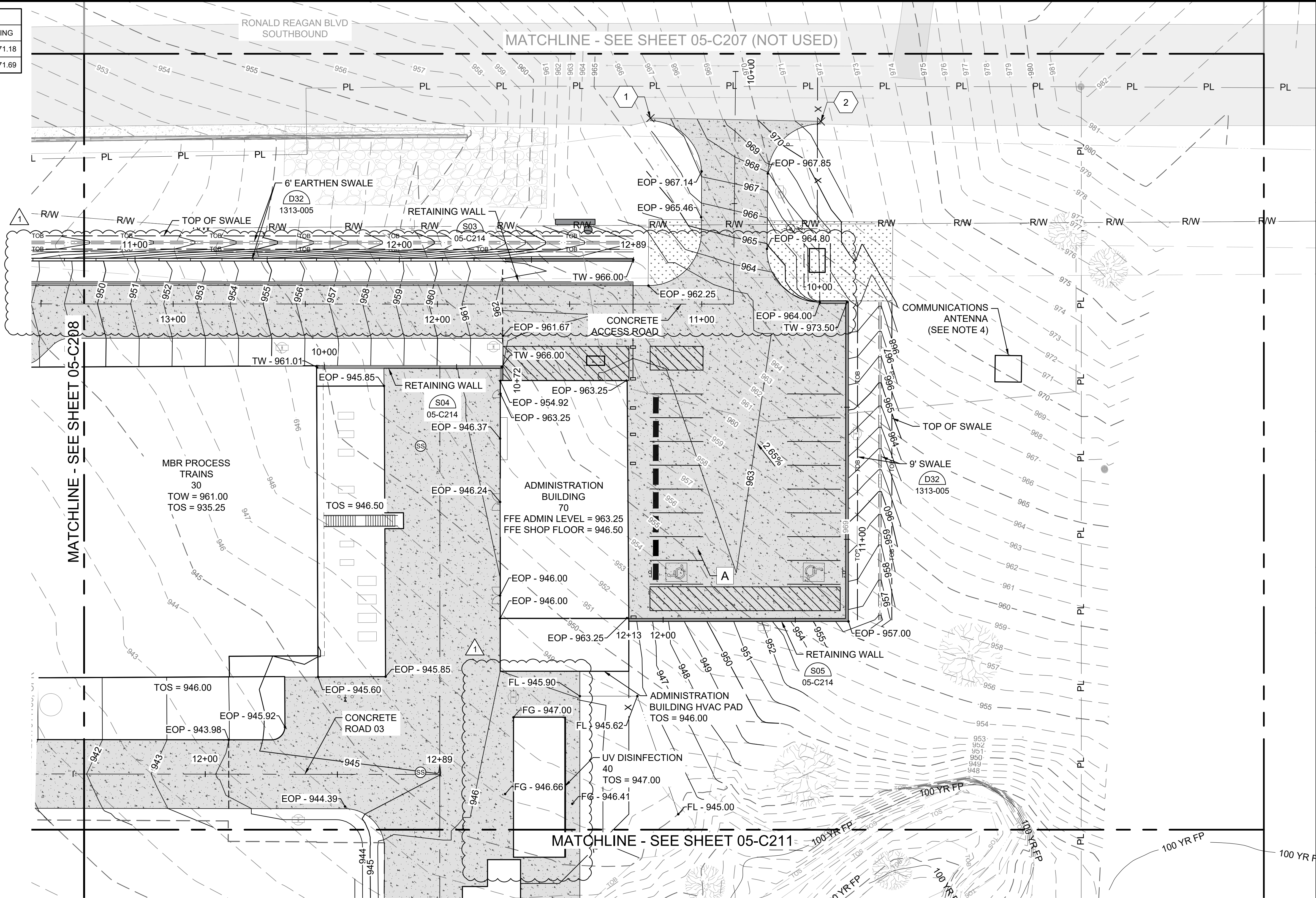
NOTES:

1. THE RONALD REAGAN BOULEVARD EXPANSION PROJECT IS IN ACTIVE CONSTRUCTION DURING DESIGN OF THE NORTH FORK WWTP PROJECT. THE RONALD REAGAN EXPANSION PROJECT IS EXPECTED TO BE COMPLETED WHEN NORTH FORK WWTP CONSTRUCTION STARTS, SO FEATURES ASSOCIATED WITH RONALD REAGAN EXPANSION ARE SHOWN AS EXISTING IN THIS PLAN SET.
2. SEE SURVEY NOTES ON SHEET 05-C101.
3. DESIGN AND INSTALLATION OF THE COMMUNICATIONS ANTENNA ARE THE RESPONSIBILITY OF THE ANTENNA MANUFACTURER. REFERENCE SPECIFICATION 40 66 66 FOR ADDITIONAL DETAILS.

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REGISTRATION NO. F-5713				
				
BY	SJM			
DESCRIPTION	ADDENDUM NO. 4			
DATE	09/18/26			
REV	1			
CITY OF LIBERTY HILL LIBERTY HILL, TX				
LIBERTY HILL NORTH FORK WWTP				
PROPOSED GRADING AND DRAINAGE PLAN - OVERVIEW				
JOB NO.: W07-2401219 DATE: SEPT. 2026 DESIGNED BY: SJM DRAWN BY: OG CHECKED BY: SJM				
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DRAWING NUMBER 05-C205				
SHEET NUMBER 55				

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Last plotted by: Paik, Seung J. (Sam) Plot Date: 9/18/2026 1:20 PM Plotter used: None

SITE WORK POINTS			
POINT #	DESCRIPTION	NORTHING	EASTING
1	MATCH EXIST. PAVEMET	10216791.01	3080171.18
2	MATCH EXIST. PAVEMENT	10216726.48	3080171.69



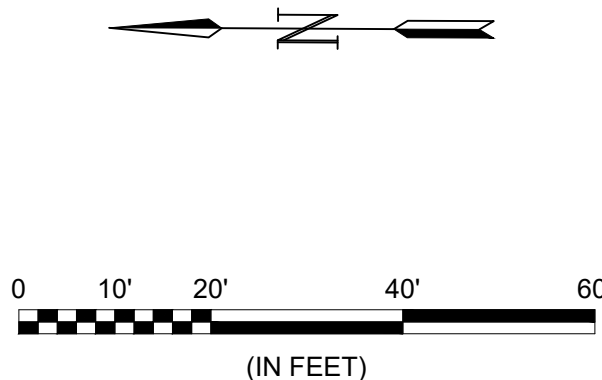
- A** SITE LAYOUT KEYNOTES
- #** SITE LAYOUT COORDINATES

NOTES:

- GRADING SHALL BE AT 4:1 MAXIMUM SLOPES UNLESS OTHERWISE SHOWN OR SPECIFIED.
- FOR ELEVATIONS NOT SPECIFICALLY CALLED OUT, REFER TO ROADWAY PROFILES AND TYPICAL SECTIONS.
- SEE SURVEY NOTES ON SHEET 05-C101.
- FINAL LOCATION AND GRADING ADJUSTMENTS REQUIRED FOR ANTENNA INSTALLATION SHALL BE THE RESPONSIBILITY OF THE ANTENNA MANUFACTURER AND/OR INSTALLER.

KEYNOTES:

- A. MAX 2.0 % SLOPE ANY DIRECTION IN ADA PARKING AND ACCESS AISLE.



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REGISTRATION NO. F-5713

BY	DESCRIPTION	DATE	REV
SJM	ADDENDUM NO.4	09/18/26	1

CITY OF LIBERTY HILL
LIBERTY HILL, TX

LIBERTY HILL NORTH FORK WWTP

PROPOSED GRADING AND DRAINAGE PLAN
- ENLARGED 4

JOB NO.: W07-2401219
DATE: SEPT. 2026
DESIGNED BY: SJM
DRAWN BY: OG
CHECKED BY: SJM

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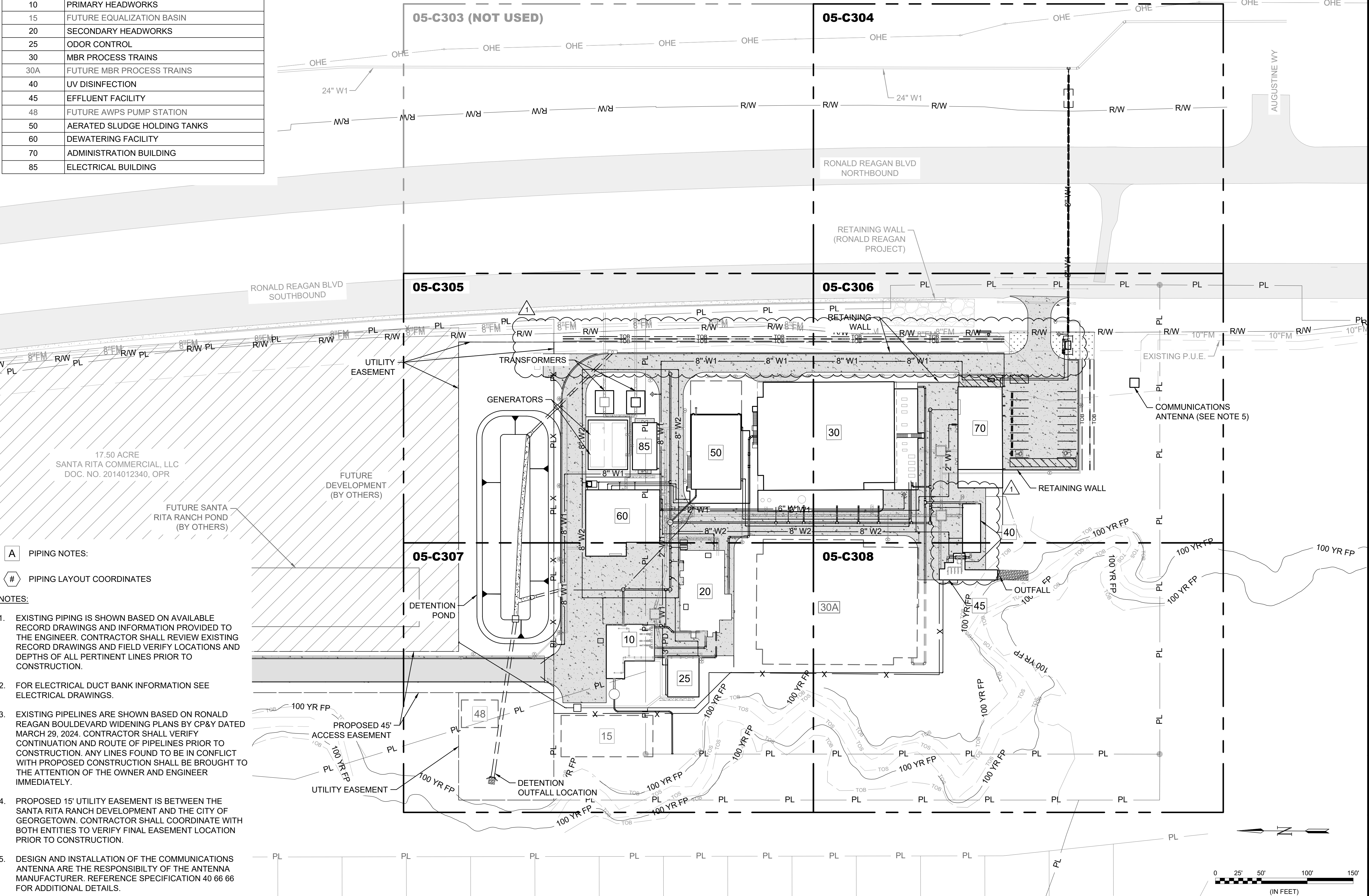
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SHEET NUMBER
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Last plotted by: Paik, Seung J. (Sam) Plot Style: AECmon.ctb Plot Scale: 1:2,584.9 Plot Date: 9/18/2026 1:24 PM Plotter used: None

XX PROPOSED STRUCTURES

PROPOSED FACILITIES	
10	PRIMARY HEADWORKS
15	FUTURE EQUALIZATION BASIN
20	SECONDARY HEADWORKS
25	ODOR CONTROL
30	MBR PROCESS TRAINS
30A	FUTURE MBR PROCESS TRAINS
40	UV DISINFECTION
45	EFFLUENT FACILITY
48	FUTURE AWPS PUMP STATION
50	AERATED SLUDGE HOLDING TANKS
60	DEWATERING FACILITY
70	ADMINISTRATION BUILDING
85	ELECTRICAL BUILDING



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Last plotted by: Sheldon, Holly B. Plot Style: AECmonoplot.ctb Plot Date: 9/17/2026 4:56 PM Plotter used: None

YARD PIPING COORDINATES				
POINT #	NORTHING	EASTING	CENTERLINE ELEVATION	DESCRIPTION
P01-03	10217270.90	3079963.85	931.69	8" 90° ROLLED BEND
P02-01	10217169.07	3080089.58	934.89	8" 90° BEND
P02-02	10217121.55	3080090.86	935.76	8" 11.25° VERT. BEND
P04-02	10217168.10	3080053.65	934.51	8"X6" TEE
P04-04	10217164.72	3079928.68	932.91	8" X 6" TEE
P04-09	10217164.68	3079927.03	932.91	8" PLUG
P05-07	10217251.31	3079955.03	930.39	8"X2" ROTATED TEE
P05-09	10217253.86	3080051.02	930.66	8" 45° VERT. BEND
P05-10	10217254.04	3080057.74	923.93	8" 45° VERT. BEND
P05-11	10217254.58	3080078.26	924.00	8" 90° BEND
P05-12	10217241.90	3080078.61	924.00	8" 45° VERT. BEND
P05-13	10217233.50	3080078.83	932.40	8" 45° VERT. BEND
P05-14	10217149.82	3080081.09	932.42	8" 90° BEND
P09-03	10217152.16	3079954.40	932.25	4" 90° ROTATED BEND
P12-03	10217070.21	3079977.68	930.99	20" 22.5° VERT. BEND
P12-04	10217070.55	3079991.18	936.54	20" 22.5° VERT. BEND
P12-05	10217070.96	3080007.85	936.57	20" 45° BEND
P12-06	10217068.42	3080010.39	936.57	20" 45° BEND
P13-01	10217078.29	3080020.30	932.00	4" 90° BEND
P13-02	10217076.68	3079961.82	932.00	4"X4" TEE
P17-02	10217149.21	3079956.46	930.00	4" 90° ROTATED BEND
P17-03	10217148.76	3079939.60	930.00	4" 90° ROTATED BEND
P17-04	10217139.43	3079939.85	934.40	4" 45° VERT. BEND
P19-03	10217073.73	3079963.89	930.00	4" 90° ROTATED BEND
P24-03	10217162.44	3079901.59	934.61	2"X2" TEE
P26-03	10217106.18	3079895.22	930.00	2" 45° BEND
U01-05	10217155.51	3079958.32	927.77	18"X6" TEE
U02-01	10217127.15	3079943.01	930.80	12" 45° BEND

VALVE COORDINATES				
POINT #	NORTHING	EASTING	CENTERLINE ELEVATION	DESCRIPTION
P04-01	10217168.97	3080085.98	934.89	8" GATE VALVE
P05-06	10217251.25	3079952.24	930.38	8" GATE VALVE
P05-08	10217251.41	3079958.97	930.42	8" GATE VALVE

STRUCTURE TABLE				
NAME	STATION	DESCRIPTION	NORTHING	EASTING
PDMH-U01-04	13+24.43	4' MANHOLE	10217158.69	3080075.82

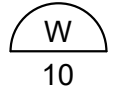
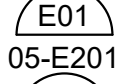
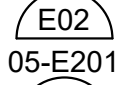
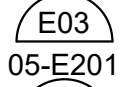
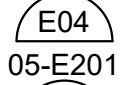
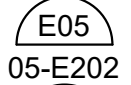
A PIPING KEYNOTES

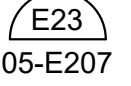
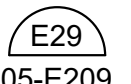
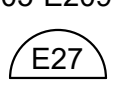
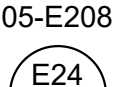
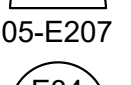
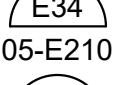
PIPING LAYOUT COORDINATES

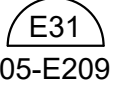
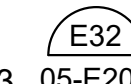
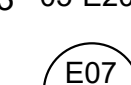
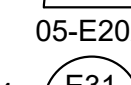
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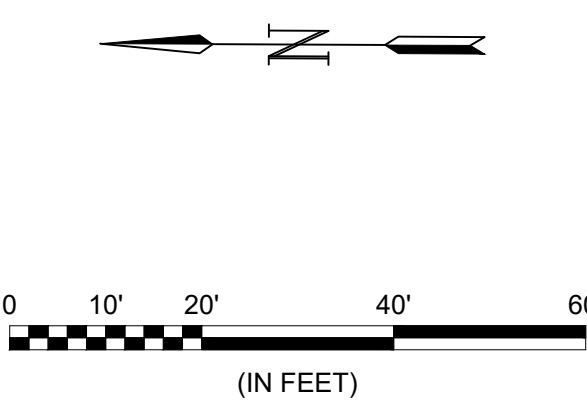
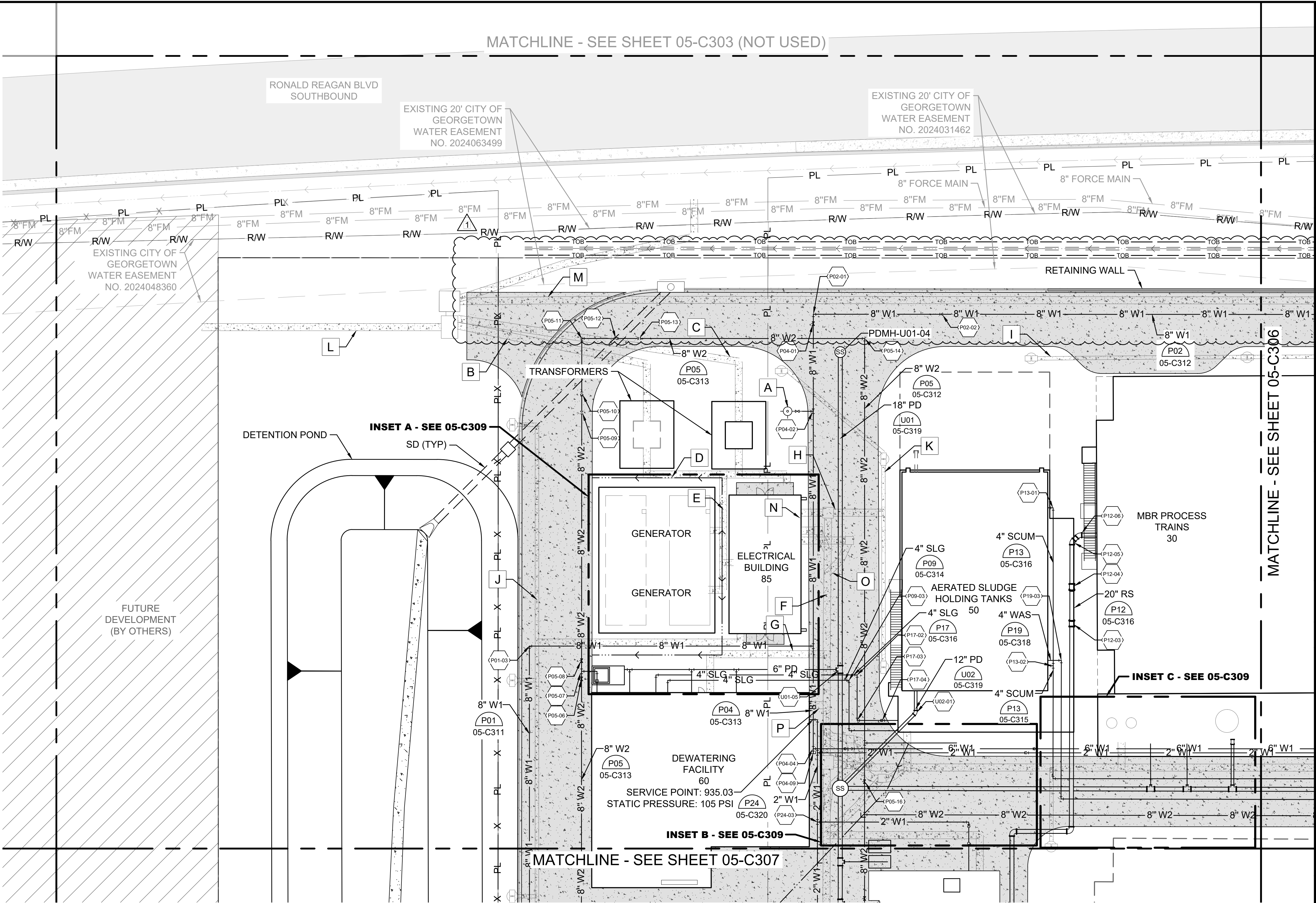
- EXISTING PIPING IS SHOWN BASED ON AVAILABLE RECORD DRAWINGS AND INFORMATION PROVIDED TO THE ENGINEER. CONTRACTOR SHALL REVIEW EXISTING RECORD DRAWINGS AND FIELD VERIFY LOCATIONS AND DEPTHS OF ALL PERTINENT LINES PRIOR TO CONSTRUCTION.
- PIPING ELEVATIONS ARE FOR CONTRACTOR'S BENEFIT. CONTRACTOR SHALL VERIFY ELEVATIONS IN FIELD.
- FOR ELECTRICAL DUCT BANK INFORMATION SEE ELECTRICAL DRAWINGS.
- ALL PIPES WITHIN 9 FEET HORIZONTAL OF A POTABLE WATER (W1) LINE MUST HAVE A MINIMUM 150 PSI PRESSURE CLASS.
- A PRIVATE PRV IS REQUIRED WHERE PRESSURES EXCEED 80 PSI.

PIPING KEYNOTES:

- A. FIRE HYDRANT ASSEMBLY AND VALVE. 
- B. ELECTRICAL DUCT BANK A. 
- C. ELECTRICAL DUCT BANK B. 
- D. ELECTRICAL DUCT BANK C. 
- E. ELECTRICAL DUCT BANK D. 
- F. ELECTRICAL DUCT BANK E. 
- G. ELECTRICAL DUCT BANK E1. 

- H. ELECTRICAL DUCT BANK E6. 
- I. ELECTRICAL DUCT BANK I. 
- J. ELECTRICAL DUCT BANK H. 
- K. ELECTRICAL DUCT BANK E7. 
- L. ELECTRICAL DUCT BANK N. 
- M. ELECTRICAL DUCT BANK M. 

- N. ELECTRICAL DUCT BANK K. 
- O. ELECTRICAL DUCT BANK E13. 
- P. ELECTRICAL DUCT BANK E2. 
- Q. ELECTRICAL DUCT BANK E14. 





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REGISTRATION NO. F-5713



BY	DESCRIPTION	DATE	REV
SJM <td>ADDENDUM NO.4<td>09/18/26<td>1</td></td></td>	ADDENDUM NO.4 <td>09/18/26<td>1</td></td>	09/18/26 <td>1</td>	1



CITY OF LIBERTY HILL
LIBERTY HILL, TX

LIBERTY HILL NORTH FORK WWTP

PROPOSED YARD PIPING PLAN - ENLARGED 3

JOB NO.: W07-2401219
DATE: SEPT. 2026
DESIGNED BY: SJM
DRAWN BY: OG
CHECKED BY: SJM

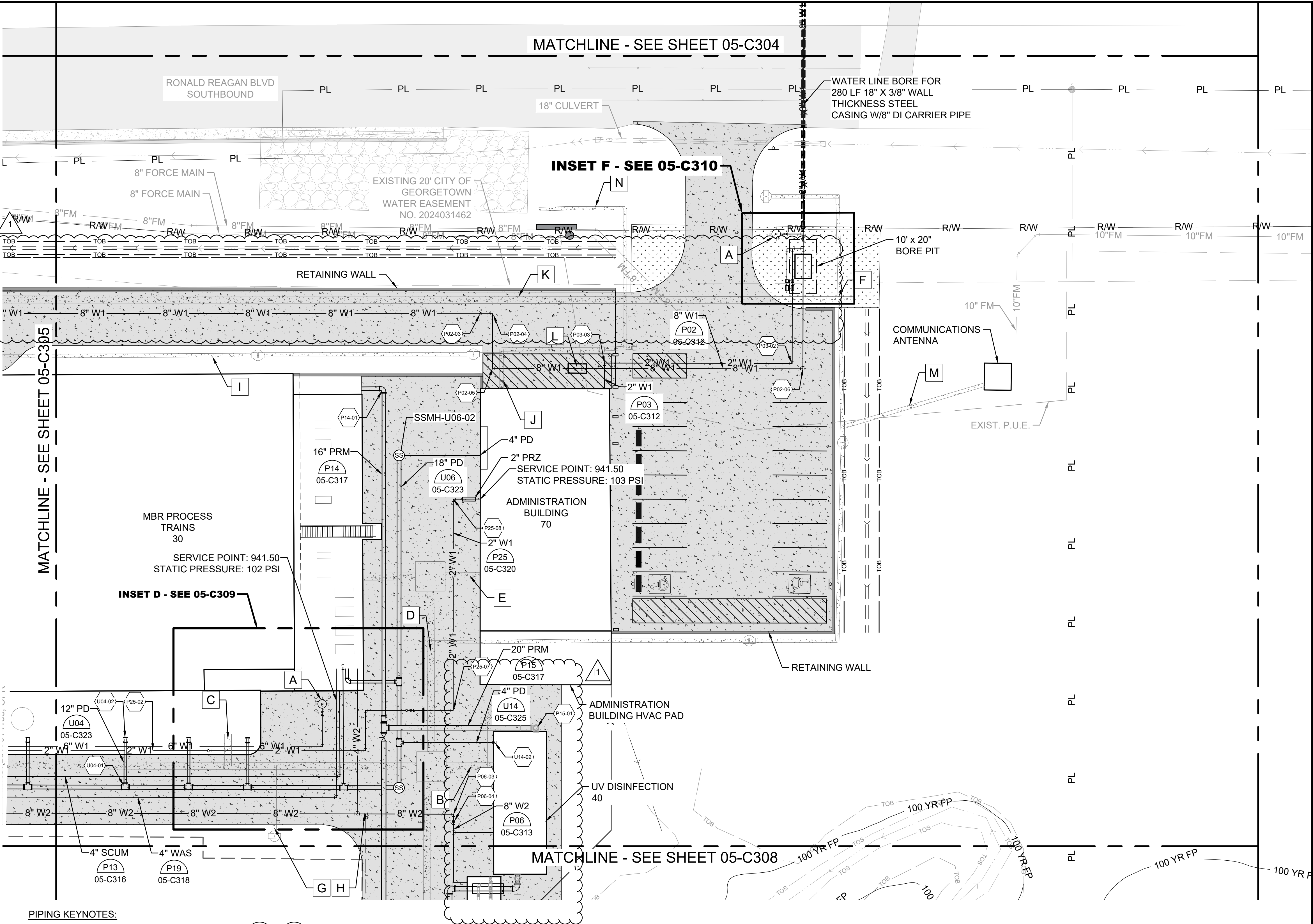
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DRAWING NUMBER
05-C305
SHEET NUMBER
67

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Last plotted by: Sheldon, Holly B. Plot Style: AECmonochrome.ctb Plot Scale: 1/2"=4'-0" Plot Date: 9/17/2026 4:57 PM Plotter used: None

YARD PIPING COORDINATES				
POINT #	NORTHING	EASTING	CENTERLINE ELEVATION	DESCRIPTION
P02-03	10216845.76	3080098.20	958.49	8" 11.25° VERT. BEND
P02-04	10216841.29	3080098.33	958.75	8" 90° BEND
P02-05	10216840.75	3080078.05	959.30	8" 90° BEND
P02-06	10216725.51	3080081.06	959.91	8" 90° BEND
P03-02	10216729.56	3080082.89	959.91	2" 90° BEND
P03-03	10216799.20	3080081.13	959.30	2" 90° BEND
P06-03	10216850.72	3079912.11	938.00	8" 90° ROTATED BEND
P06-04	10216850.65	3079909.22	940.00	8" 45° VERT. BEND
P14-01	10216880.89	3080069.43	942.40	16" 90° BEND
P15-01	10216820.71	3079945.04	942.50	20" 90° ROTATED BEND
P25-02	10216963.03	3079932.63	939.79	2" 11.25° BEND
P25-07	10216851.92	3079950.64	942.00	2" 90° BEND
P25-08	10216854.00	3080029.06	941.50	2" 90° BEND
U04-01	10216972.84	3079918.82	928.45	18"X12" TEE
U04-02	10216973.28	3079936.63	929.40	12" 45° VERT. BEND
U14-02	10216836.24	3079939.12	942.54	4" 22.5° VERT. BEND

STRUCTURE TABLE				
NAME	STATION	DESCRIPTION	NORTHING	EASTING
SSMH-U06-02	14+06.64	4' MANHOLE	10216874.57	3080044.78

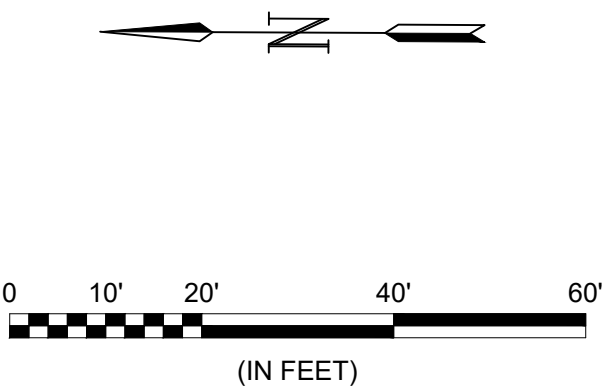


- A** PIPING KEYNOTES
- #** PIPING LAYOUT COORDINATES

- NOTES:**
- EXISTING PIPING IS SHOWN BASED ON AVAILABLE RECORD DRAWINGS AND INFORMATION PROVIDED TO THE ENGINEER. CONTRACTOR SHALL REVIEW EXISTING RECORD DRAWINGS AND FIELD VERIFY LOCATIONS AND DEPTHS OF ALL PERTINENT LINES PRIOR TO CONSTRUCTION.
 - PIPING ELEVATIONS ARE FOR CONTRACTOR'S BENEFIT. CONTRACTOR SHALL VERIFY ELEVATIONS IN FIELD.
 - FOR ELECTRICAL DUCT BANK INFORMATION SEE ELECTRICAL DRAWINGS.
 - ALL PIPES WITHIN 9 FEET HORIZONTAL OF A POTABLE WATER (W1) LINE MUST HAVE A MINIMUM 150 PSI PRESSURE CLASS.
 - A PRIVATE PRV IS REQUIRED WHERE PRESSURES EXCEED 80 PSI.

PIPING KEYNOTES:

- | | | |
|-------------------------------------|--|---|
| A. FIRE HYDRANT ASSEMBLY AND VALVE. | | H. INSTALL 2" TEE WITH BLIND FLANGE FOR FUTURE USE. |
| B. ELECTRIC DUCT BANK F. | | I. ELECTRICAL DUCT BANK I |
| C. ELECTRIC DUCT BANK F5. | | J. ELECTRICAL DUCT BANK J |
| D. ELECTRIC DUCT BANK G. | | K. ELECTRICAL DUCT BANK M |
| E. ELECTRIC DUCT BANK G1. | | L. 8" FIRE METER AND BFP VAULT |
| F. ELECTRIC DUCT BANK K1. | | M. ELECTRICAL DUCT BANK G3 |
| G. ELECTRIC DUCT BANK F6. | | N. ELECTRICAL DUCT BANK I1 |



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REGISTRATION NO. F-5713

BY	DESCRIPTION	DATE	REV
SJM <td>ADDENDUM NO.4<td>09/18/26<td>1</td></td></td>	ADDENDUM NO.4 <td>09/18/26<td>1</td></td>	09/18/26 <td>1</td>	1

CITY OF LIBERTY HILL
LIBERTY HILL, TX

LIBERTY HILL NORTH FORK WWTP

PROPOSED YARD PIPING PLAN - ENLARGED 4

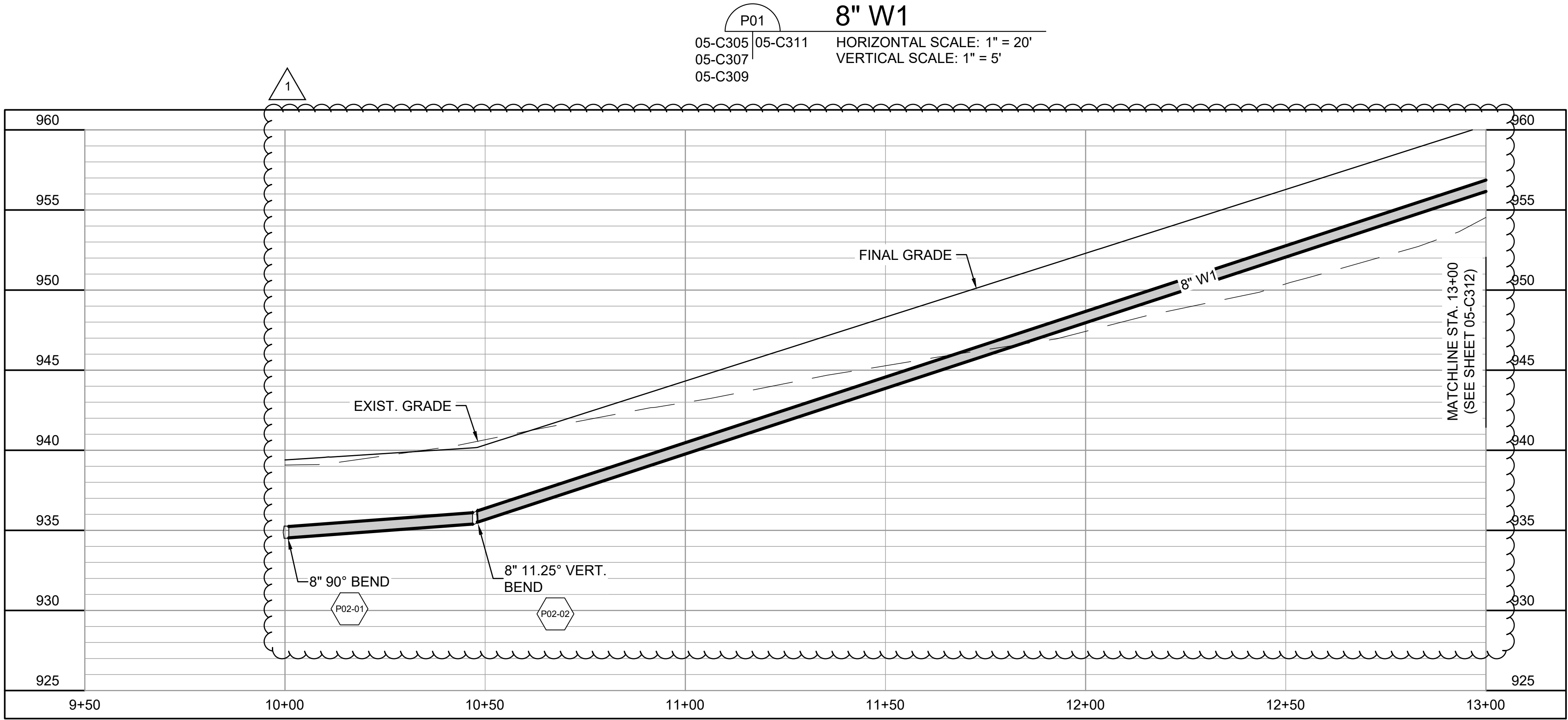
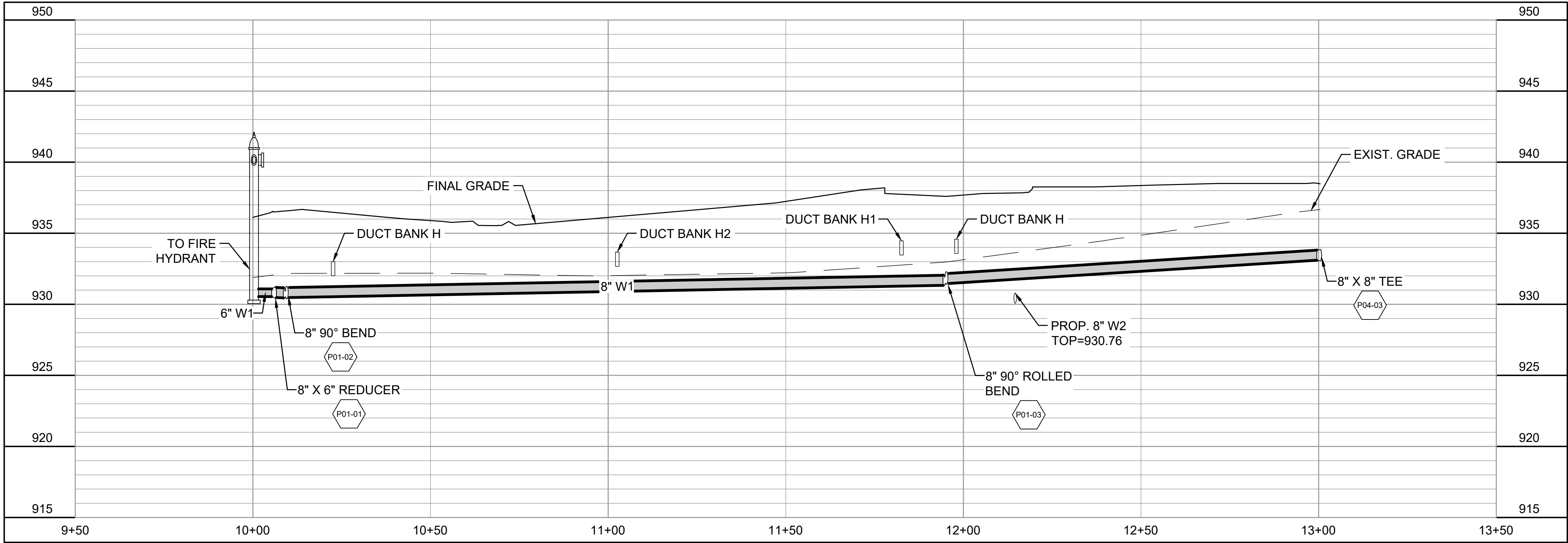
JOB NO.: W07-2401219
DATE: SEPT. 2026
DESIGNED BY: SJM
DRAWN BY: OG
CHECKED BY: SJM

BAR IS ONE INCH ON ORIGINAL DRAWING
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DRAWING NUMBER
05-C306

SHEET NUMBER
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P01
05-C305 05-C311
05-C307
05-C309
8" W1
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'

P02
05-C305 05-C311
05-C306
8" W1
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'



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REGISTRATION NO.
F-5713



REV	DATE	DESCRIPTION	BY
1	09/18/26	ADDENDUM NO.4	SJM

LIBERTY HILL

LIBERTY HILL, TX

CITY OF LIBERTY HILL

LIBERTY HILL

LIBERTY HILL, TX

LIBERTY HILL NORTH FORK WWTW

YARD PIPING
PROFILES 1

JOB NO.: W07-2401219
DATE: SEPT. 2026
DESIGNED BY: SJM
DRAWN BY: OG
CHECKED BY: SJM

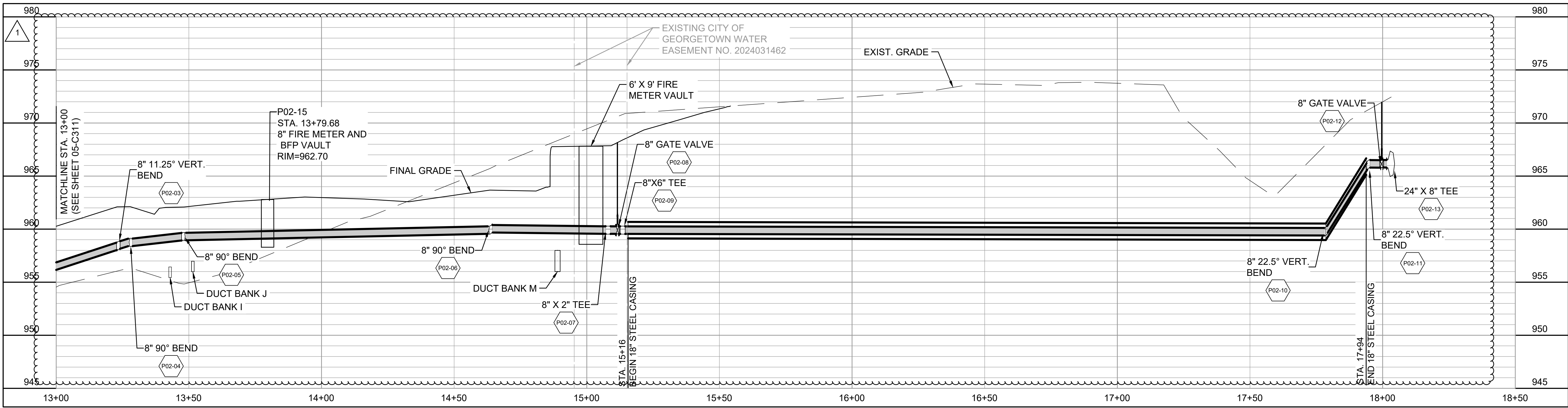
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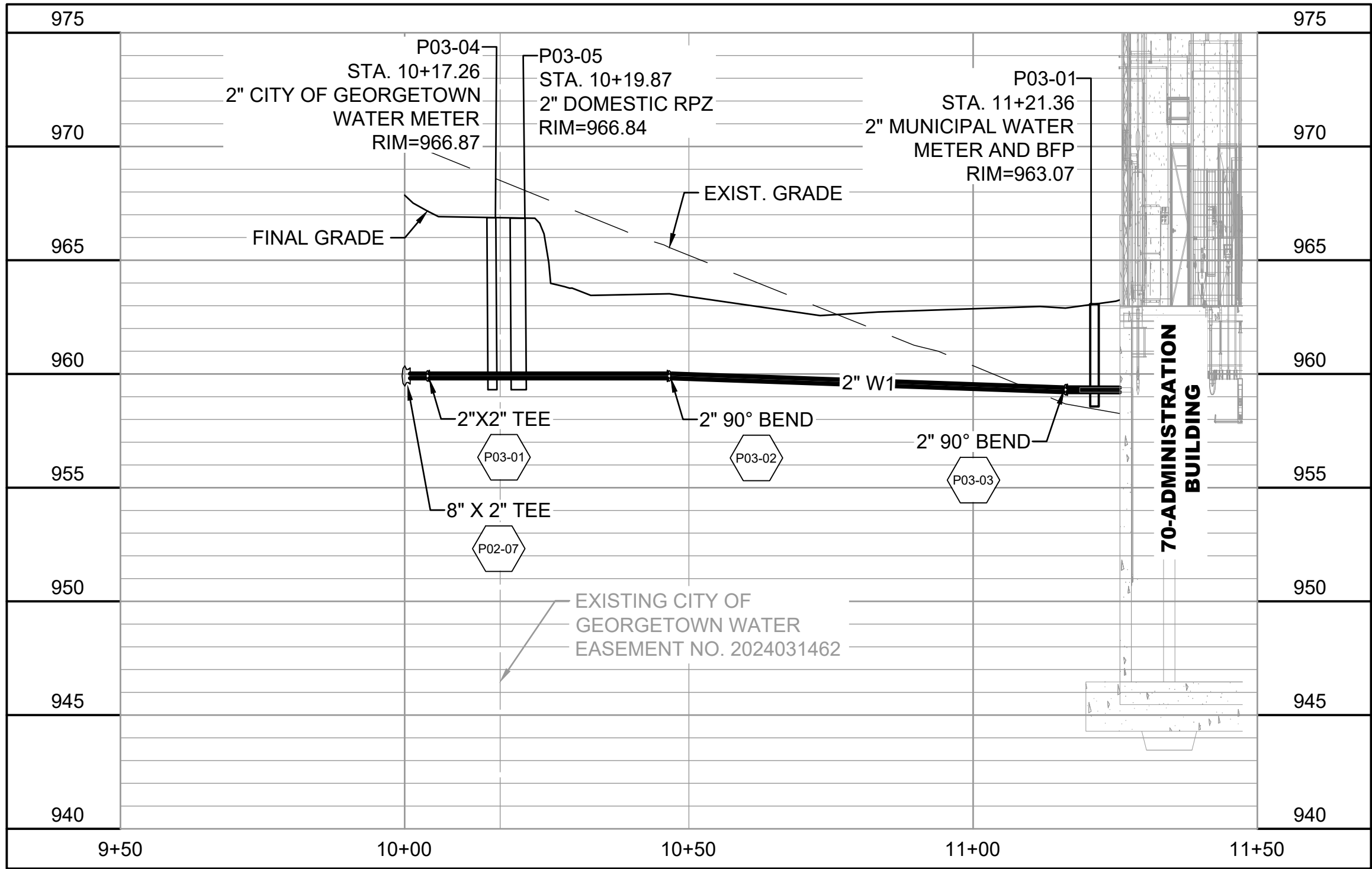
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SHEET
NUMBER **73**

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Last plotted by: Sheldon, Holly B. Plot Style: AECmono.ctb Plot Scale: 1:2.5849 Plot Date: 9/16/2026 11:56 AM Plotted used: None



P02
05-C305 05-C312
05-C306
8" W1
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'



P03
05-C306 05-C312
2" W1
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'

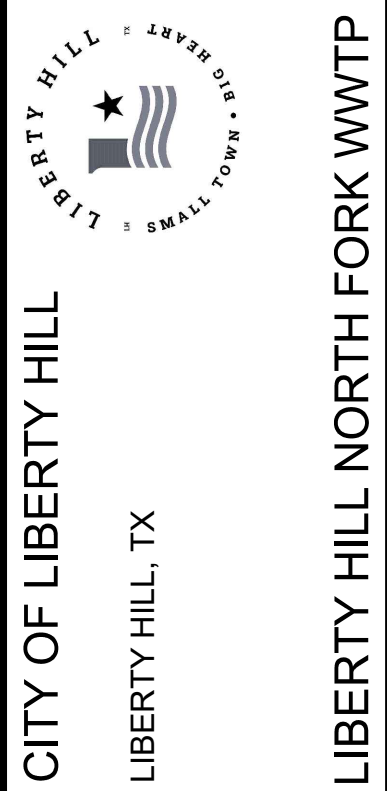


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REV	DATE	DESCRIPTION	BY
1	09/18/26	ADDENDUM NO. 4	SJM



YARD PIPING
PROFILES 2

JOB NO.: W07-2401219
DATE: SEPT. 2026
DESIGNED BY: SJM
DRAWN BY: OG
CHECKED BY: SJM

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ORIGINAL DRAWING
0 1"

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DRAWING NUMBER

05-C312

SHEET
NUMBER 74

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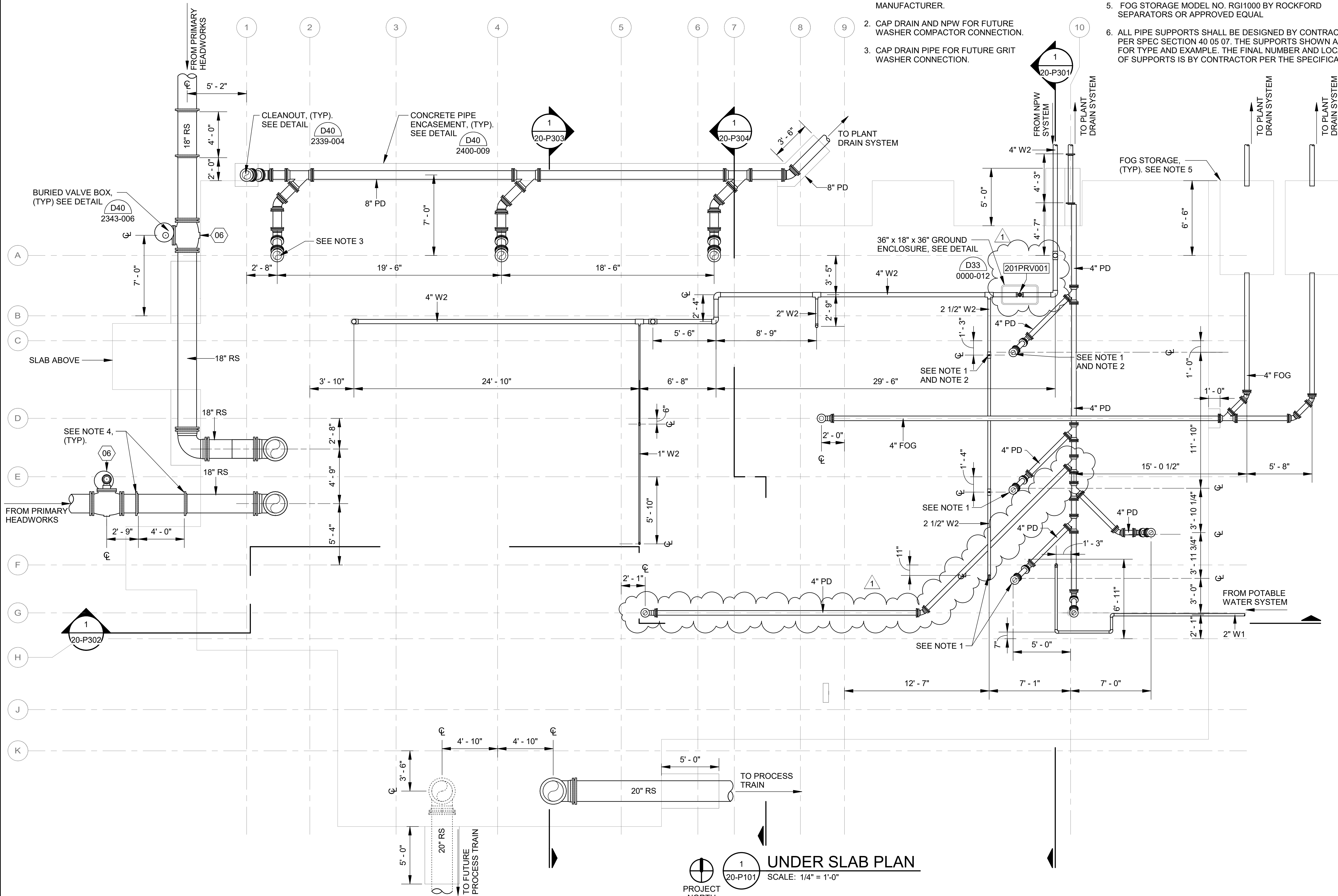
KEYNOTES	
06	18" PLUG VALVE - V406 (MJ x MJ)

NOTES:

1. CONFIGURE DRAIN AND NPW PIPING ACCORDING TO RECOMMENDATIONS FROM SELECTED DRUM SCREEN MANUFACTURER.
2. CAP DRAIN AND NPW FOR FUTURE WASHER COMPACTOR CONNECTION.
3. CAP DRAIN PIPE FOR FUTURE GRIT WASHER CONNECTION.

NOTES:

4. FLEXIBLE RESTRAINED JOINT TO BE U.S. PIPE HDSS OR AMERICAN FLEX-RING JOINT
5. FOG STORAGE MODEL NO. RGI1000 BY ROCKFORD SEPARATORS OR APPROVED EQUAL
6. ALL PIPE SUPPORTS SHALL BE DESIGNED BY CONTRACTOR PER SPEC SECTION 40 05 07. THE SUPPORTS SHOWN ARE FOR TYPE AND EXAMPLE. THE FINAL NUMBER AND LOCATION OF SUPPORTS IS BY CONTRACTOR PER THE SPECIFICATION.



1
20-P101

UNDER SLAB PLAN

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



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REGISTRATION NO.
F-5713



BY	DESCRIPTION	DATE	REV
NER	ADDENDUM NO. 4	09/18/26	1



CITY OF LIBERTY HILL
LIBERTY HILL, TX

SECONDARY
HEADWORKS UNDER
SLAB PLAN

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: EA
DRAWN BY: CIW
CHECKED BY: SJC

BAR IS ONE INCH ON
ORIGINAL DRAWING 1"
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ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
20-P101
SHEET
NUMBER **193**

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Plot Date: 9/18/2026 11:05:48 AM

NOTES:

1. CONFIGURE DRAIN AND NPW PIPING ACCORDING TO RECOMMENDATIONS FROM SELECTED MANUFACTURER.
2. CAP NPW FOR FUTURE EQUIPMENT CONNECTION.
3. CAP DRAIN PIPE FOR FUTURE GRIT WASHER CONNECTION.
4. GRIT SLURRY PIPING SHALL USE LONG RADIUS BENDS
5. ALL PIPE SUPPORTS SHALL BE DESIGNED BY CONTRACTOR PER SPEC SECTION 40 05 07. THE SUPPORTS SHOWN ARE FOR TYPE AND EXAMPLE. THE FINAL NUMBER AND LOCATION OF SUPPORTS IS BY CONTRACTOR PER THE SPECIFICATION.
6. PROVIDE 10'-0" MAX PIPE SUPPORT SPACING OR AS REQUIRED BY SPEC D40 05 07, SEE DETAIL D05 0529-023

KEYNOTES

04	18" PLUG VALVE - V406 (FLG x FLG)
05	18" DISMANTLING JOINT (FLG x FLG)
09	4" BALL VALVE - V330 (SOC x SOC)
10	4" BLIND FLANGE (FLG)
13	4" DISMANTLING JOINT (FLG x FLG)
14	4" 90° LONG RADIUS BEND (FLG x FLG)
15	4" PLUG VALVE V405 (FLG x FLG)
16	4" PINCH VALVE - V902 (FLG x FLG)
17	4" PRESSURE REDUCING VALVE, (SOC X SOC)
20	2" BALL VALVE - V330 (SOC x SOC)
21	1" BALL VALVE - V330 (SOC x SOC)



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REV	DATE	DESCRIPTION	BY
1	09/18/26	ADDENDUM NO. 4	NER



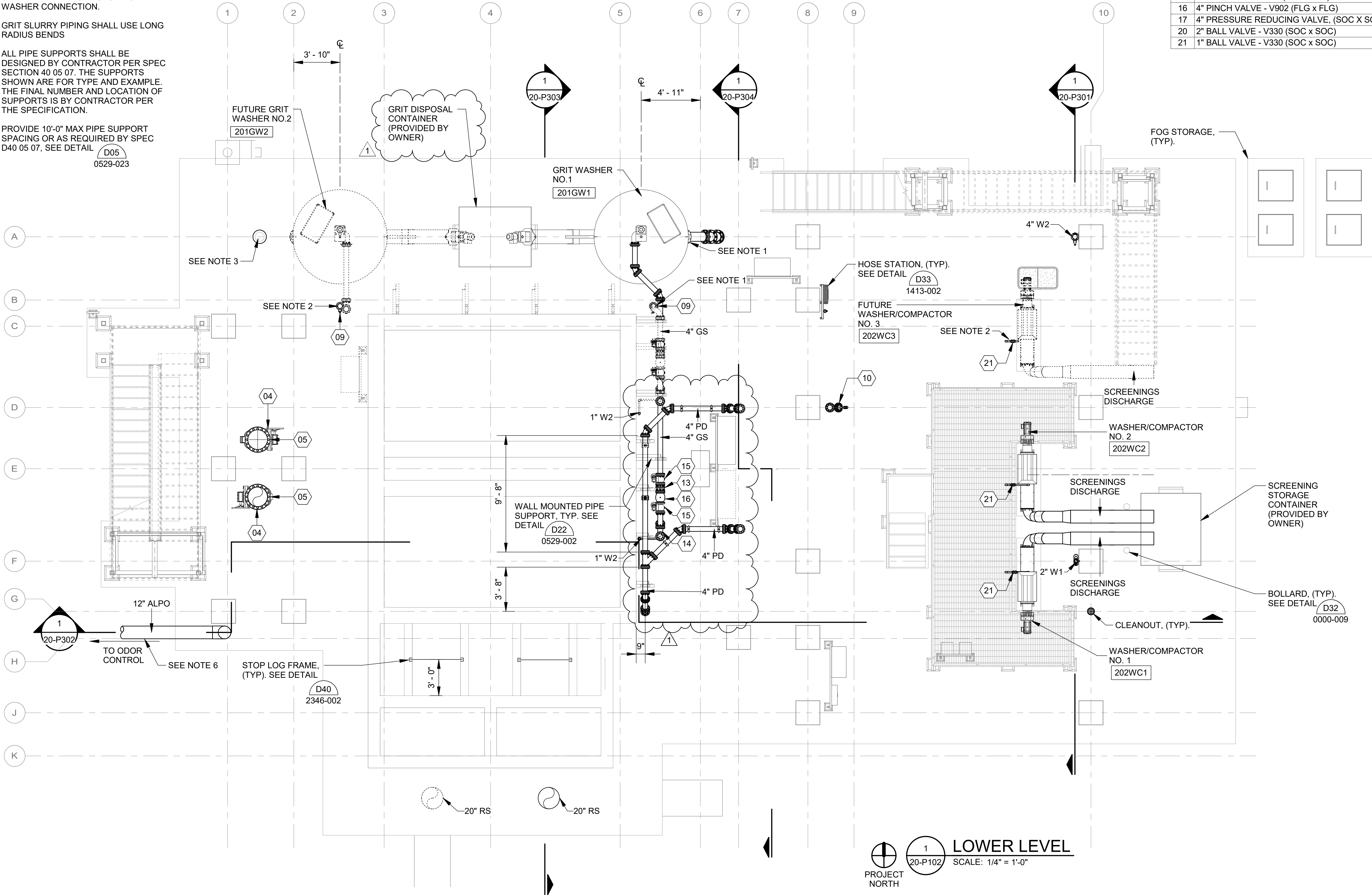
CITY OF LIBERTY HILL
LIBERTY HILL, TX
LIBERTY HILL NORTH FORK WWTP

SECONDARY HEADWORKS
OVERALL LOWER PLAN

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: EA
DRAWN BY: CIW
CHECKED BY: SJC

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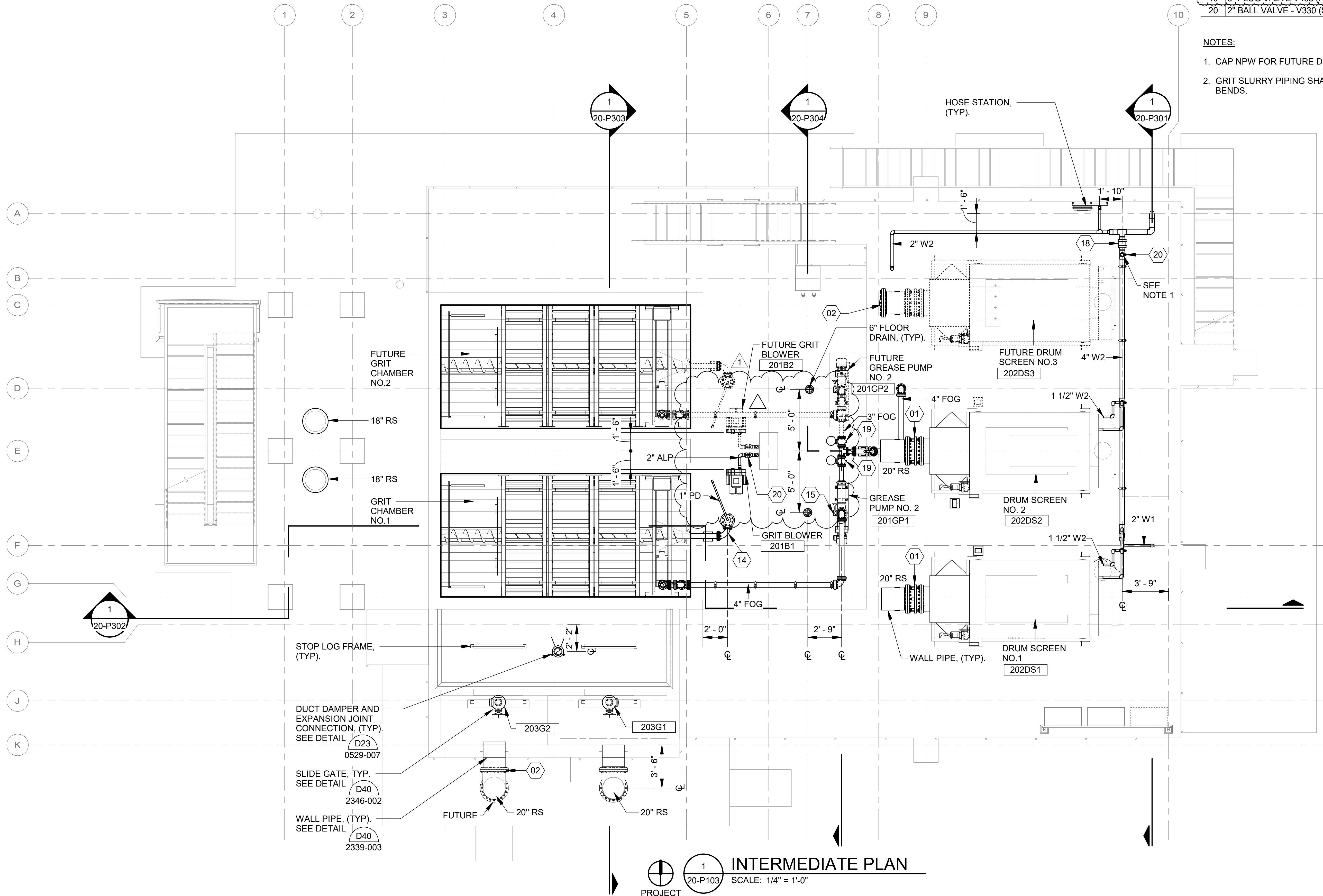
DRAWING NUMBER
20-P102
SHEET NUMBER
194



1
20-P102

LOWER LEVEL
SCALE: 1/4" = 1'-0"

Revit File: Autodeskt Docs\\W07-2401219 - Liberty Hill North Fork WWTP Design\\W07-2401219_20_SECONDARY HEADWORKS_PROCESS.rvt
Plot Date: 9/18/2026 11:05:57 AM



KEYNOTES

01	20" DISMANTLING JOINT (FLG x FLG)
02	20" BLIND FLANGE (FLG)
10	4" BLIND FLANGE (FLG)
14	4" 90° LONG RADIUS BEND (FLG x FLG)
15	4" PLUG VALVE V405 (FLG x FLG)
18	4" BALL CHECK VALVE - V630 (SOC x SOC)
19	3" PLUG VALVE V405 (FLG x FLG)
20	2" BALL VALVE - V330 (SOC x SOC)

NOTES:

- CAP NPW FOR FUTURE DRUM SCREEN CONNECTION.
- GRIT SLURRY PIPING SHALL USE LONG RADIUS BENDS.



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REGISTRATION NO.
F-5713



REV	DATE	DESCRIPTION	BY
1	09/18/26	ADDENDUM NO. 4	NER

CITY OF LIBERTY HILL
LIBERTY HILL, TX
LIBERTY HILL NORTH FORK WWTP

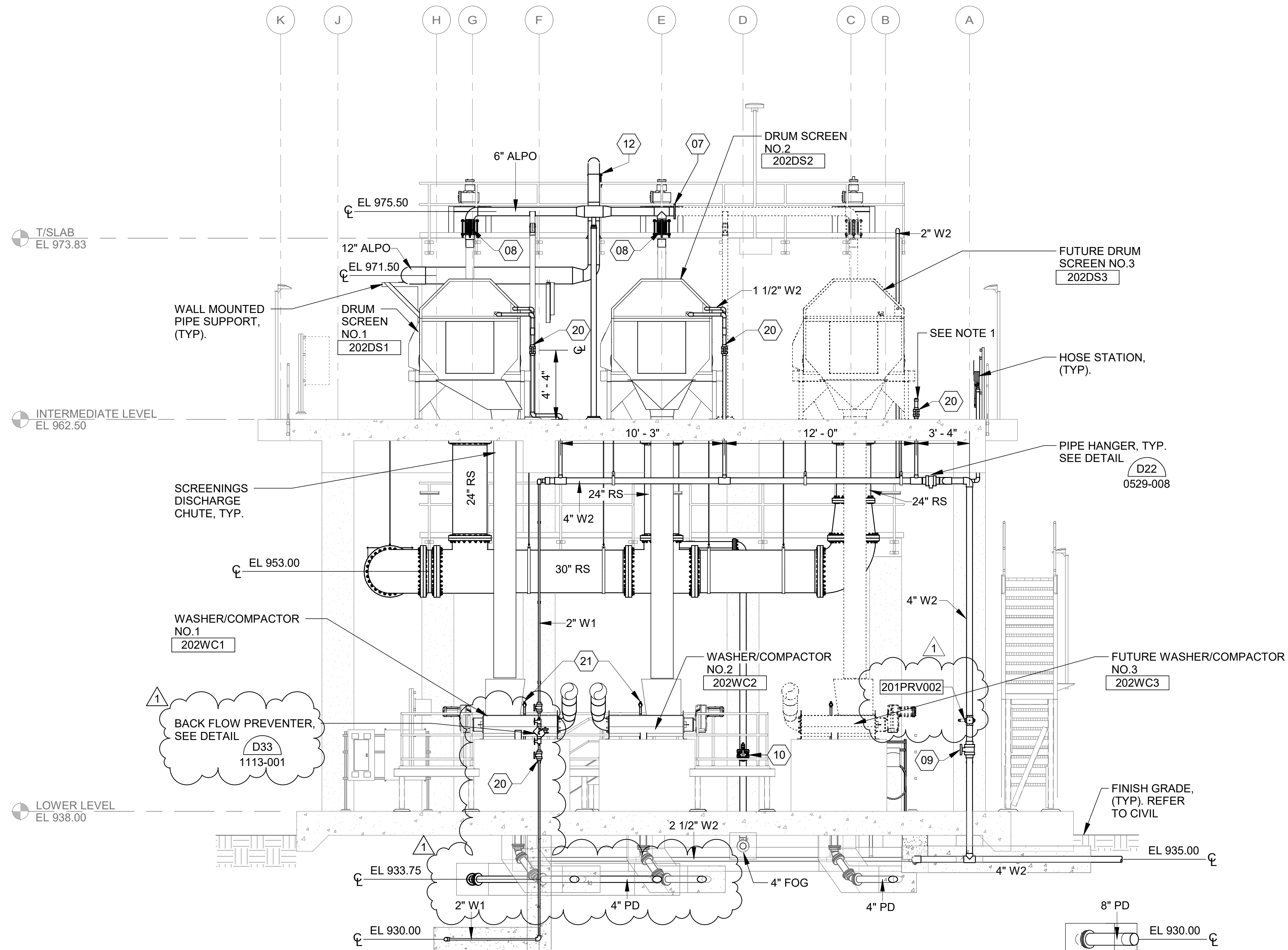
SECONDARY
HEADWORKS
OVERALL
INTERMEDIATE PLAN

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: EA
DRAWN BY: CIW
CHECKED BY: SJC

BAR IS ONE INCH ON
ORIGINAL DRAWING 1"
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ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
20-P103
SHEET
NUMBER **195**

Revit File: Autodeskt Docs\\W07-2401219 - Liberty Hill North Fork WWTP Design\\W07-2401219_20_SECONDARY HEADWORKS_PROCESS.rvt
Plot Date: 9/18/2026 2:22:04 PM



1 SECTION AT FINE SCREENS
20-P101 SCALE: 1/4" = 1'-0"

KEYNOTES

07	6" BLIND FLANGE (FLG x FLG)
08	6" EXPANSION JOINT (FLG x FLG)
09	4" BALL VALVE - V330 (SOC x SOC)
10	4" BLIND FLANGE (FLG)
12	4" EXPANSION JOINT (FLG x FLG)
18	4" BALL CHECK VALVE - V630 (SOC x SOC)
20	2" BALL VALVE - V330 (SOC x SOC)
21	1" BALL VALVE - V330 (SOC x SOC)

NOTE:

1. CAP NPW FOR FUTURE DRUM SCREEN CONNECTION.



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REGISTRATION NO.
F-5713



REV	DATE	DESCRIPTION	BY
1	09/18/26	ADDENDUM NO. 4	NER



CITY OF LIBERTY HILL
LIBERTY HILL, TX
LIBERTY HILL NORTH FORK WWTP

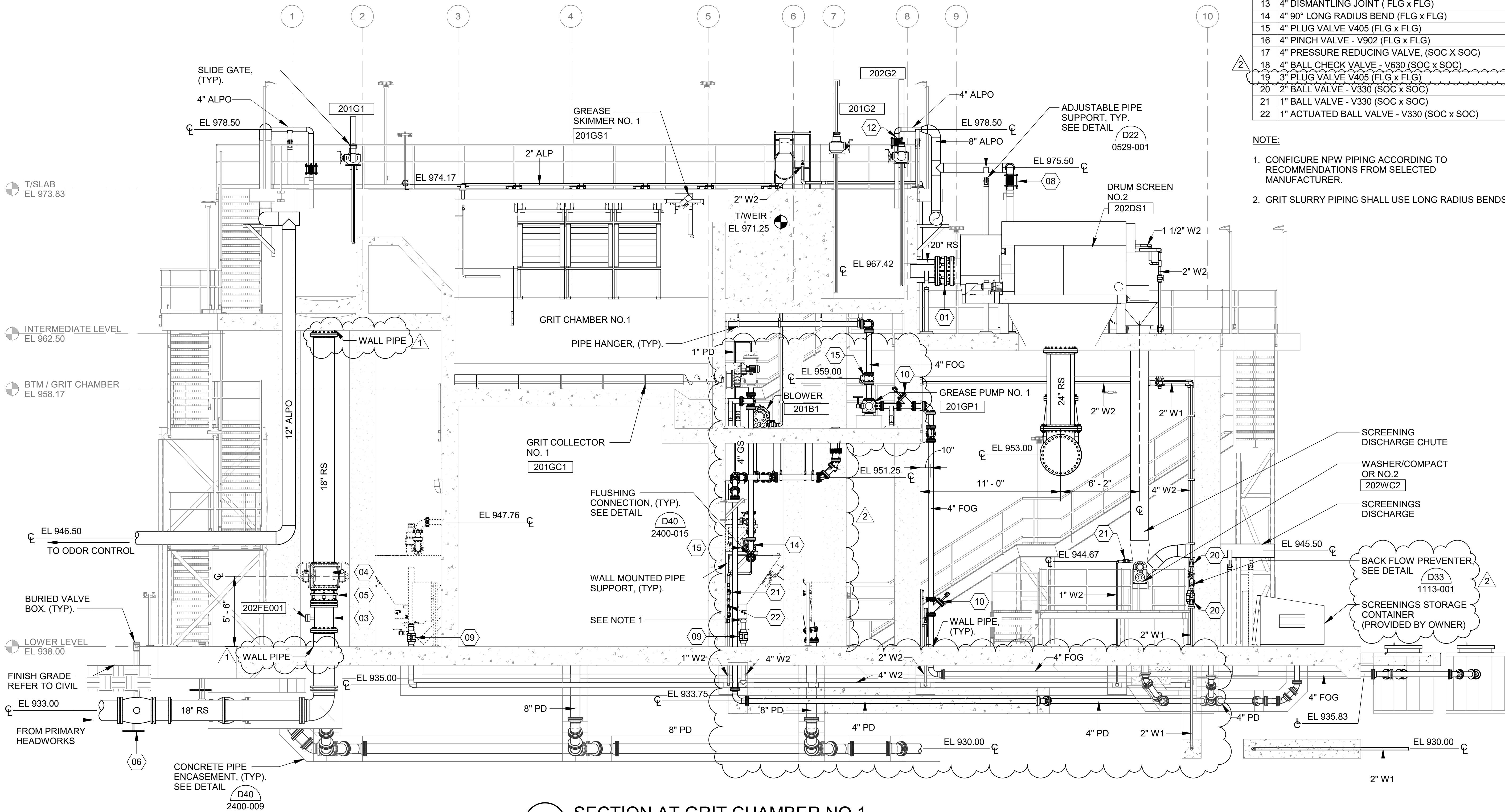
SECONDARY
HEADWORKS
SECTIONS 1

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: EA
DRAWN BY: CIW
CHECKED BY: SJC

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DRAWING NUMBER
20-P301
SHEET
NUMBER **197**

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Plot Date: 9/18/2026 11:06:22 AM



1 SECTION AT GRIT CHAMBER NO.1
20-P101 SCALE: 1/4" = 1'-0"

KEYNOTES

01	20" DISMANTLING JOINT (FLG x FLG)
02	20" BLIND FLANGE (FLG)
03	18" FLOWMETER (FLG x FLG)
04	18" PLUG VALVE - V406 (FLG x FLG)
05	18" DISMANTLING JOINT (FLG x FLG)
06	18" PLUG VALVE - V406 (MJ x MJ)
08	6" EXPANSION JOINT (FLG x FLG)
09	4" BALL VALVE - V330 (SOC x SOC)
10	4" BLIND FLANGE (FLG)
12	4" EXPANSION JOINT (FLG x FLG)
13	4" DISMANTLING JOINT (FLG x FLG)
14	4" 90° LONG RADIUS BEND (FLG x FLG)
15	4" PLUG VALVE V405 (FLG x FLG)
16	4" PINCH VALVE - V902 (FLG x FLG)
17	4" PRESSURE REDUCING VALVE, (SOC X SOC)
18	4" BALL CHECK VALVE - V630 (SOC x SOC)
19	3" PLUG VALVE V405 (FLG x FLG)
20	2" BALL VALVE - V330 (SOC x SOC)
21	1" BALL VALVE - V330 (SOC x SOC)
22	1" ACTUATED BALL VALVE - V330 (SOC x SOC)

NOTE:

1. CONFIGURE NPW PIPING ACCORDING TO RECOMMENDATIONS FROM SELECTED MANUFACTURER.
2. GRIT SLURRY PIPING SHALL USE LONG RADIUS BENDS.



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REGISTRATION NO.
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REV	DATE	DESCRIPTION	BY
1	09/11/26	ADDENDUM NO. 3	NER
2	09/18/26	ADDENDUM NO. 4	NER



CITY OF LIBERTY HILL
LIBERTY HILL, TX
LIBERTY HILL NORTH FORK WWTP

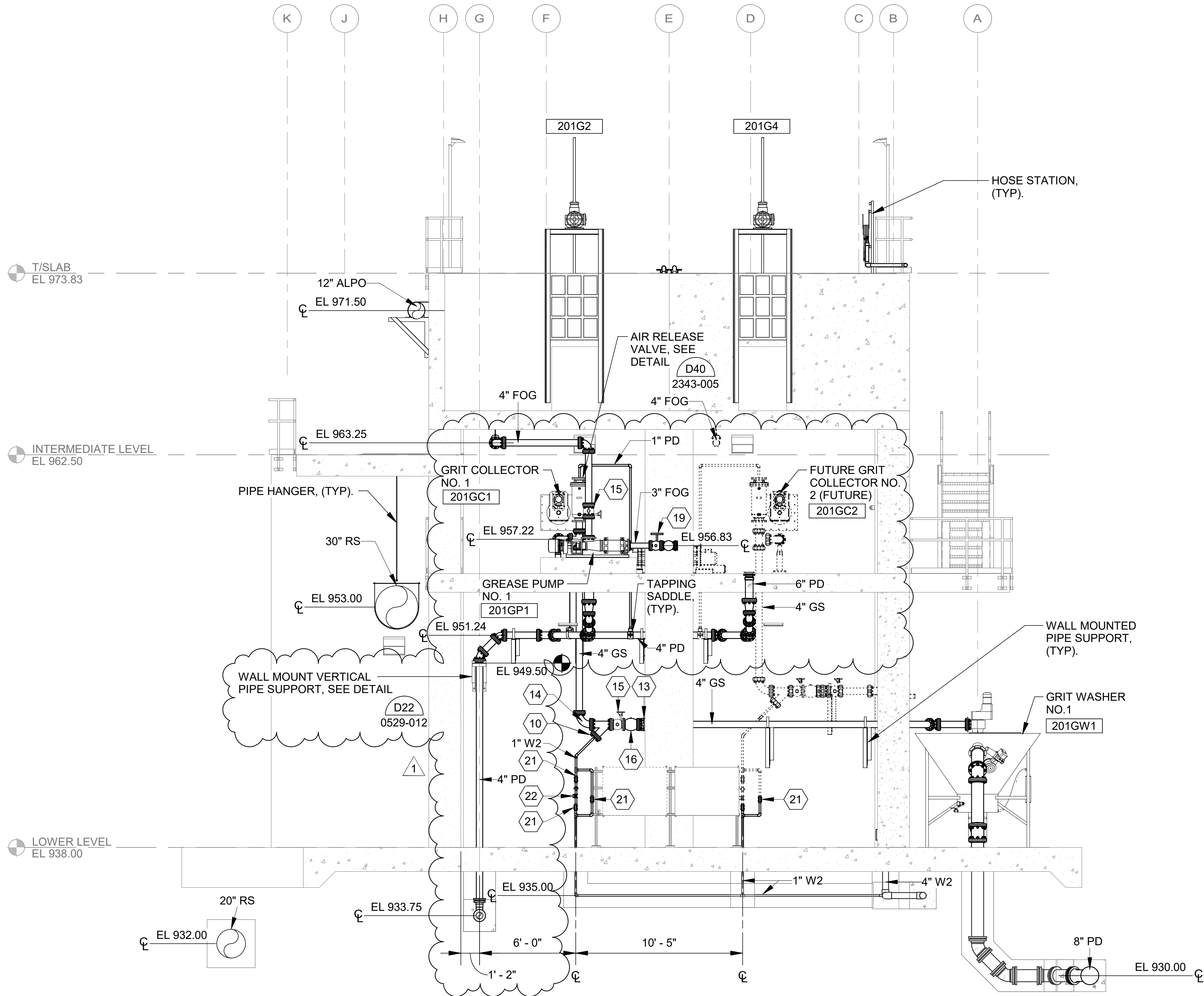
SECONDARY
HEADWORKS
SECTIONS 2

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: EA
DRAWN BY: CIW
CHECKED BY: SJC

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DRAWING NUMBER
20-P302
SHEET
NUMBER **198**

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Plot Date: 9/18/2026 11:06:39 AM



1 SECTION AT GRIT PIPING
20-P101 SCALE: 1/4" = 1'-0"

KEYNOTES

09	4" BALL VALVE - V330 (SOC x SOC)
10	4" BLIND FLANGE (FLG)
13	4" DISMANTLING JOINT (FLG x FLG)
14	4" 90° LONG RADIUS BEND (FLG x FLG)
15	4" PLUG VALVE V405 (FLG x FLG)
16	4" PINCH VALVE - V902 (FLG x FLG)
19	3" PLUG VALVE V405 (FLG x FLG)
20	2" BALL VALVE - V330 (SOC x SOC)
21	1" BALL VALVE - V330 (SOC x SOC)
22	1" ACTUATED BALL VALVE - V330 (SOC x SOC)

NOTE:

1. GRIT SLURRY PIPING SHALL USE LONG RADIUS BENDS.

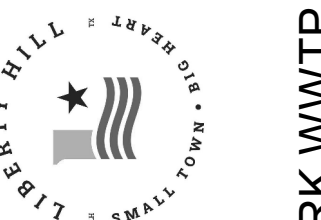


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REV	DATE	DESCRIPTION	BY
1	09/18/26	ADDENDUM NO. 4	NER



CITY OF LIBERTY HILL
LIBERTY HILL, TX
LIBERTY HILL NORTH FORK WWTP

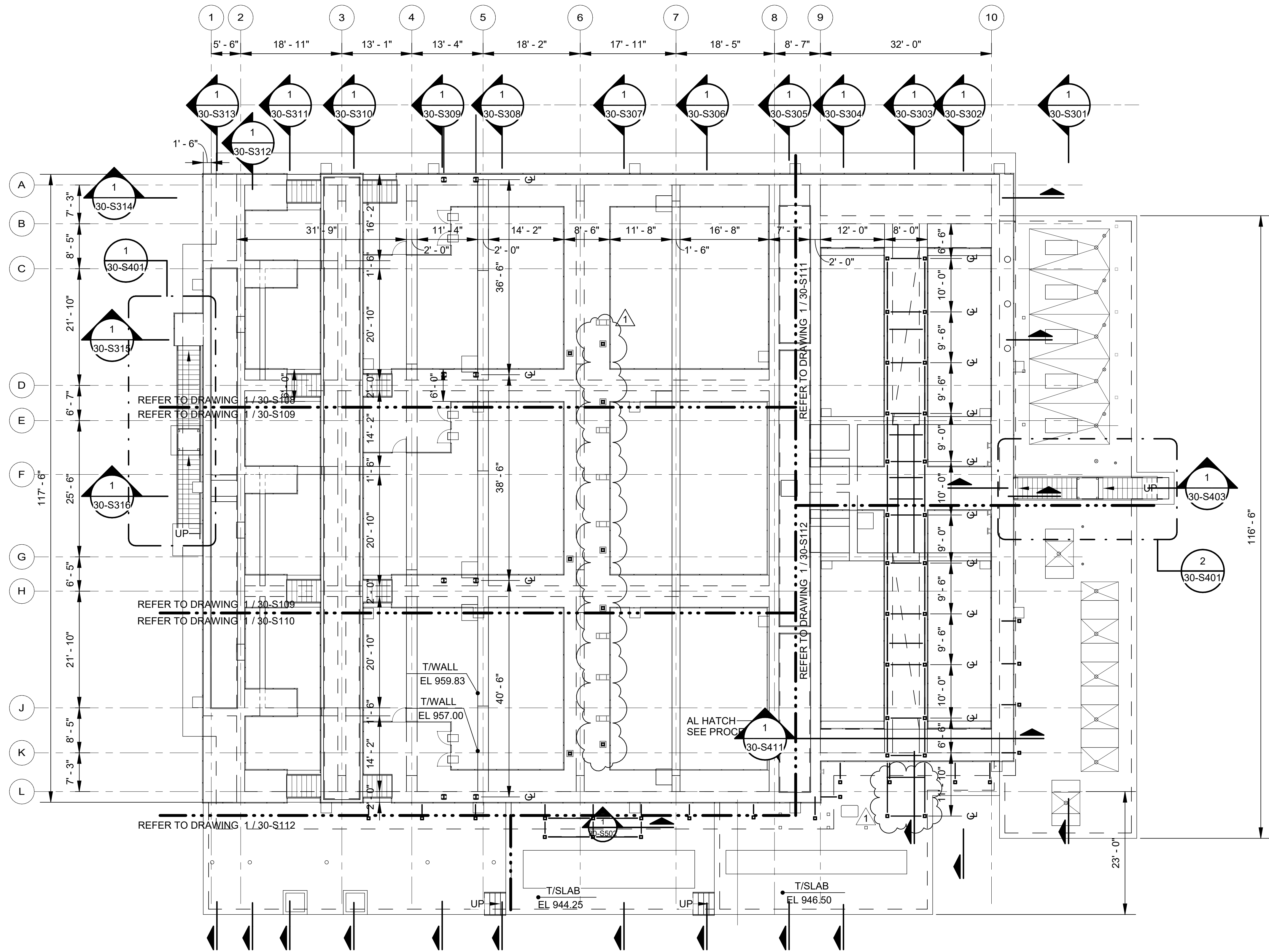
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HEADWORKS
SECTIONS 4

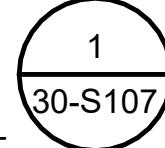
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DATE: AUG. 2026
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DRAWN BY: CIW
CHECKED BY: EA

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DRAWING NUMBER
20-P304
SHEET
NUMBER **200**

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Plot Date: 9/17/2026 4:43:33 PM



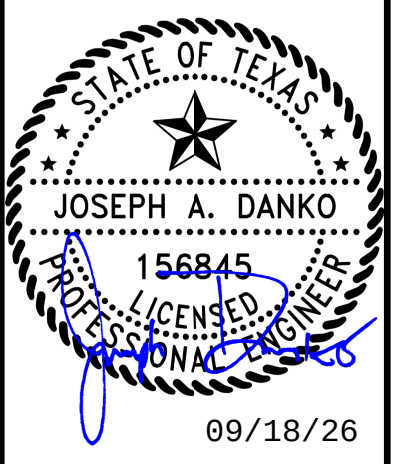
 PROJECT NORTH
 30-S107
UPPER PLAN - OVERVIEW
SCALE: 3/32" = 1'-0"

- NOTES**
1. FOR GENERAL STRUCTURAL NOTES, SEE STRUCTURAL GENERAL SHEETS.
 2. FOR FACILITY SITE COORDINATES AND GRADING, SEE CIVIL DRAWINGS.
 3. COORDINATE WALL AND SLAB OPENINGS WITH OTHER DISCIPLINE DRAWINGS.



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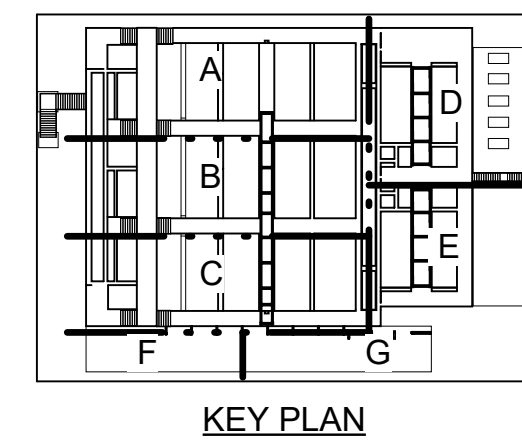
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1	09/18/26	ADDENDUM NO. 4	JAD

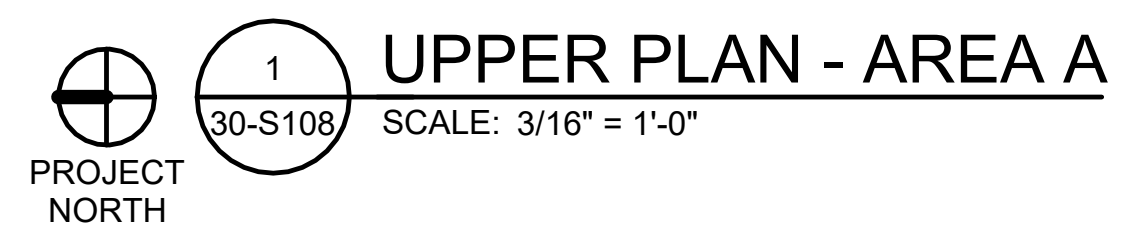

CITY OF LIBERTY HILL
LIBERTY HILL, TX
LIBERTY HILL NORTH FORK WWTP

**PROCESS TRAINS
UPPER PLAN**

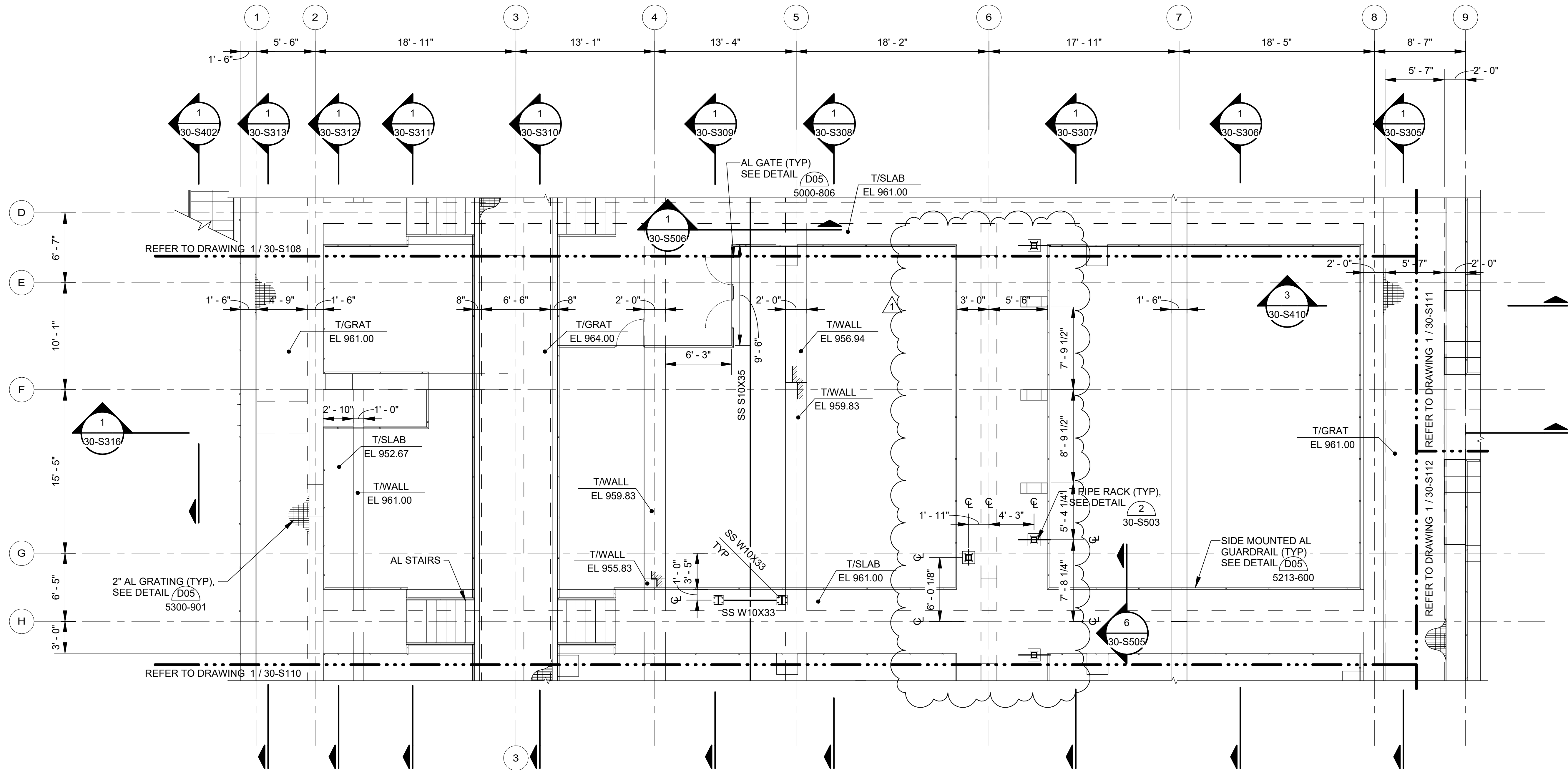
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DATE: AUG. 2026
DESIGNED BY: JAD
DRAWN BY: EL
CHECKED BY: DBG

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DRAWING NUMBER
30-S107
SHEET NUMBER
228



SHEET
NUMBER **229**

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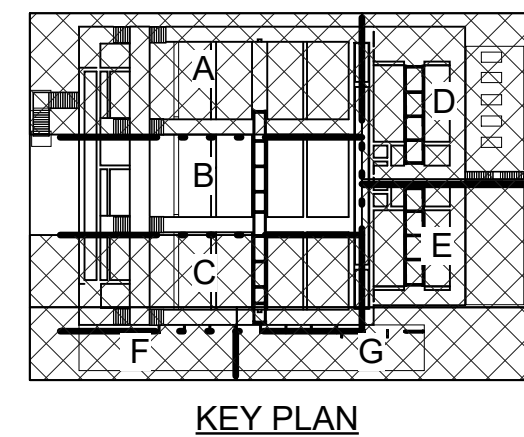


1 30-S109

PROJECT
NORTH

UPPER PLAN - AREA B

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



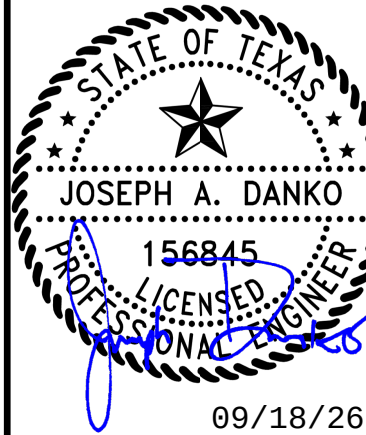
NOTES

1. FOR GENERAL STRUCTURAL NOTES, SEE STRUCTURAL GENERAL SHEETS.
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CITY OF LIBERTY HILL
LIBERTY HILL, TX

LIBERTY HILL - SEVEN DIB - SMALL TOWN

LIBERTY HILL NORTH FORK WWTP

PROCESS TRAINS
UPPER PLAN AREA B

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: JAD
DRAWN BY: EL
CHECKED BY: YT

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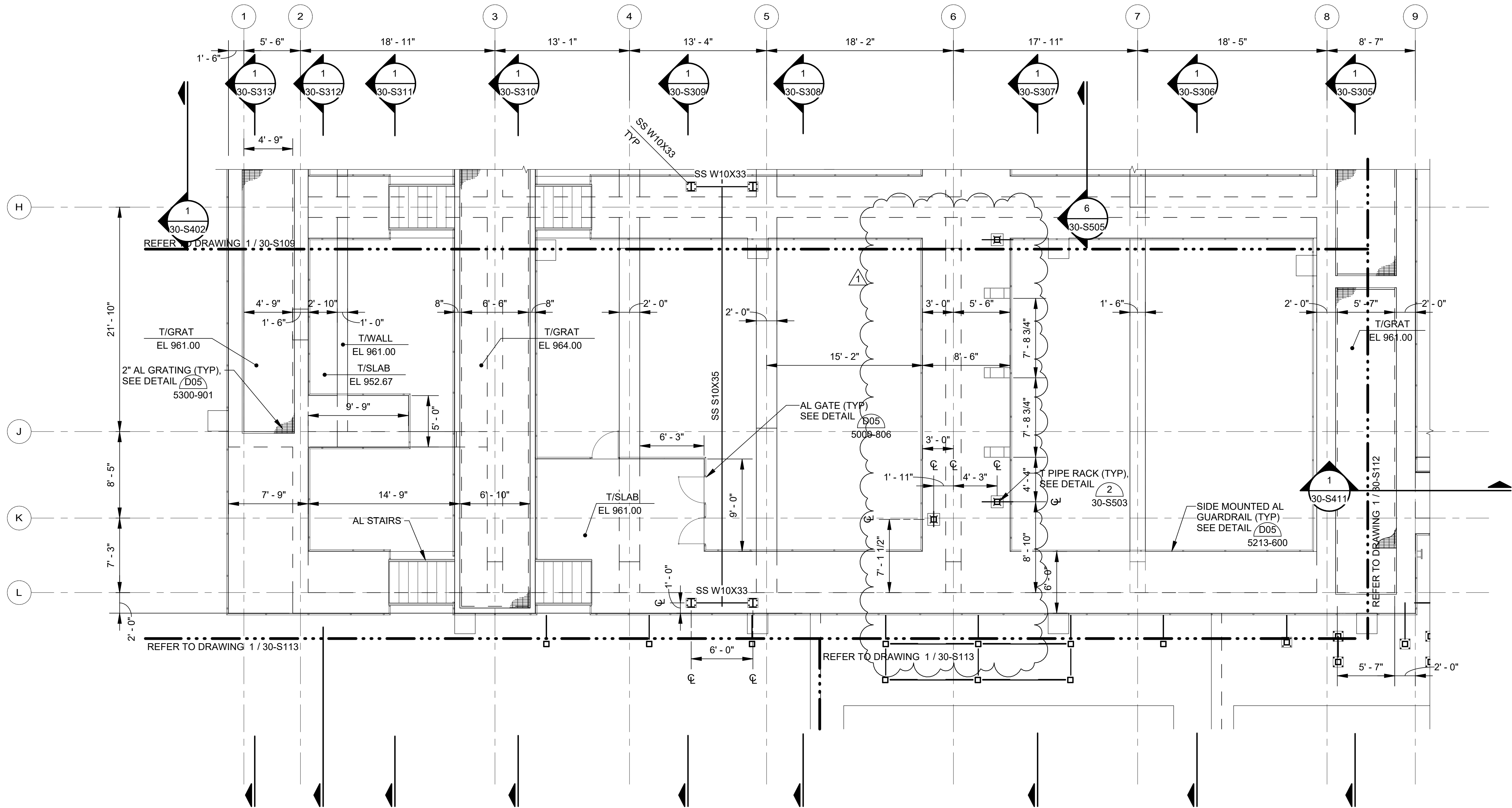
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30-S109

SHEET
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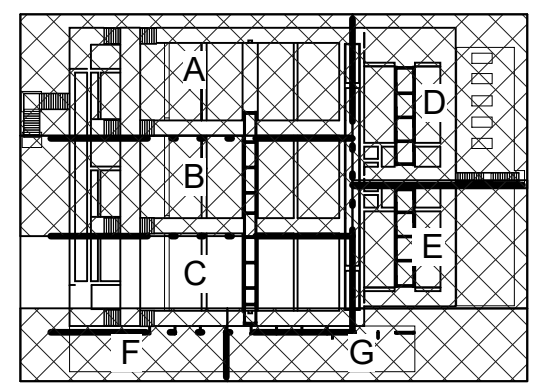
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Plot Date: 9/17/2026 4:43:38 PM



1
30-S110

UPPER PLAN AREA C

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



KEY PLAN

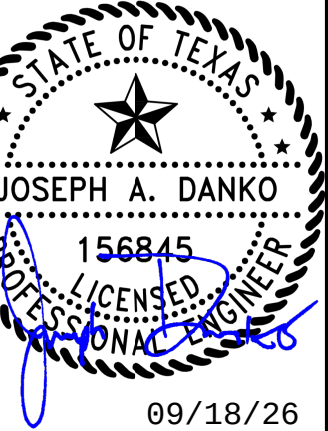
NOTES

1. FOR GENERAL STRUCTURAL NOTES, SEE STRUCTURAL GENERAL SHEETS.
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CITY OF LIBERTY HILL
LIBERTY HILL, TX

LIBERTY HILL NORTH FORK WWTP

PROCESS TRAINS
UPPER PLAN AREA C

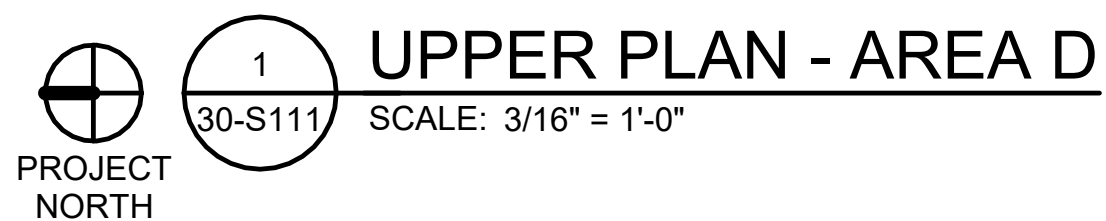
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DATE: AUG. 2026
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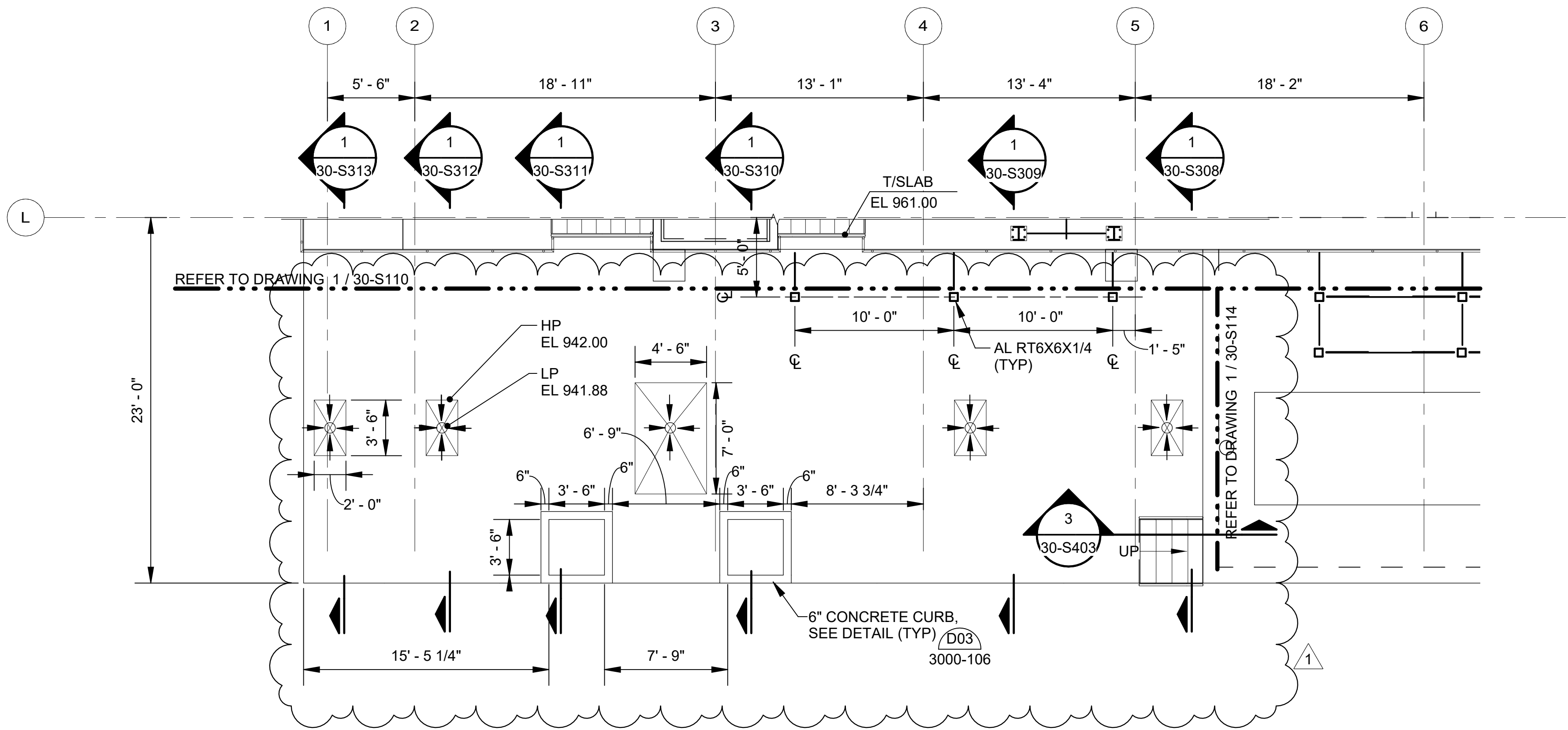
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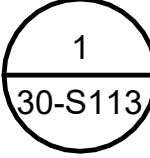
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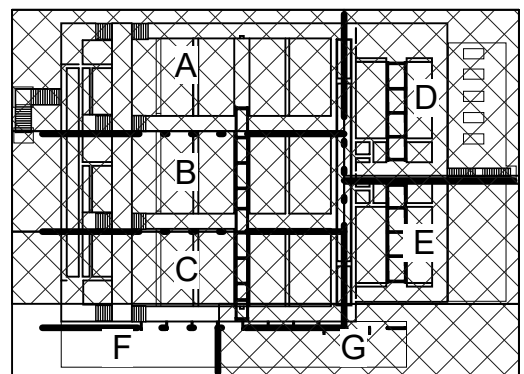


SHEET NUMBER **232**

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Plot Date: 9/17/2026 4:43:43 PM



  **UPPER LEVEL - AREA F**
SCALE: 3/16" = 1'-0"
PROJECT NORTH



KEY PLAN

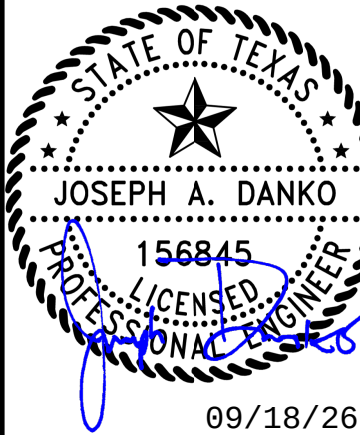
NOTES

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3. COORDINATE WALL AND SLAB OPENINGS WITH OTHER DISCIPLINE DRAWINGS.



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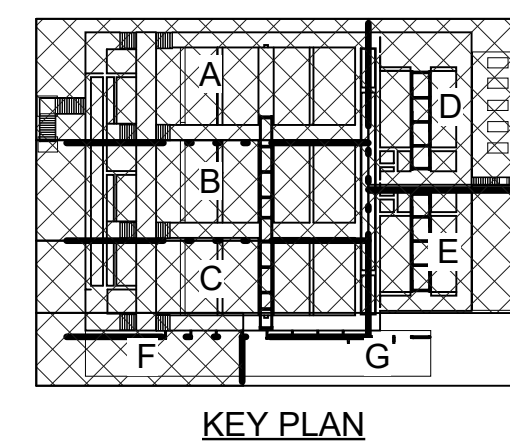
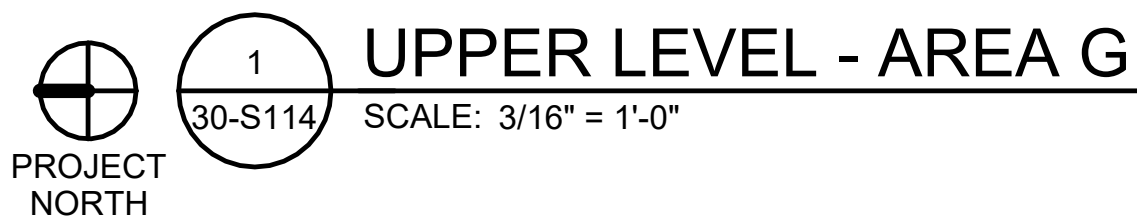


PROCESS TRAINS
UPPER PLAN AREA F

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: JAD
DRAWN BY: EL
CHECKED BY: YT

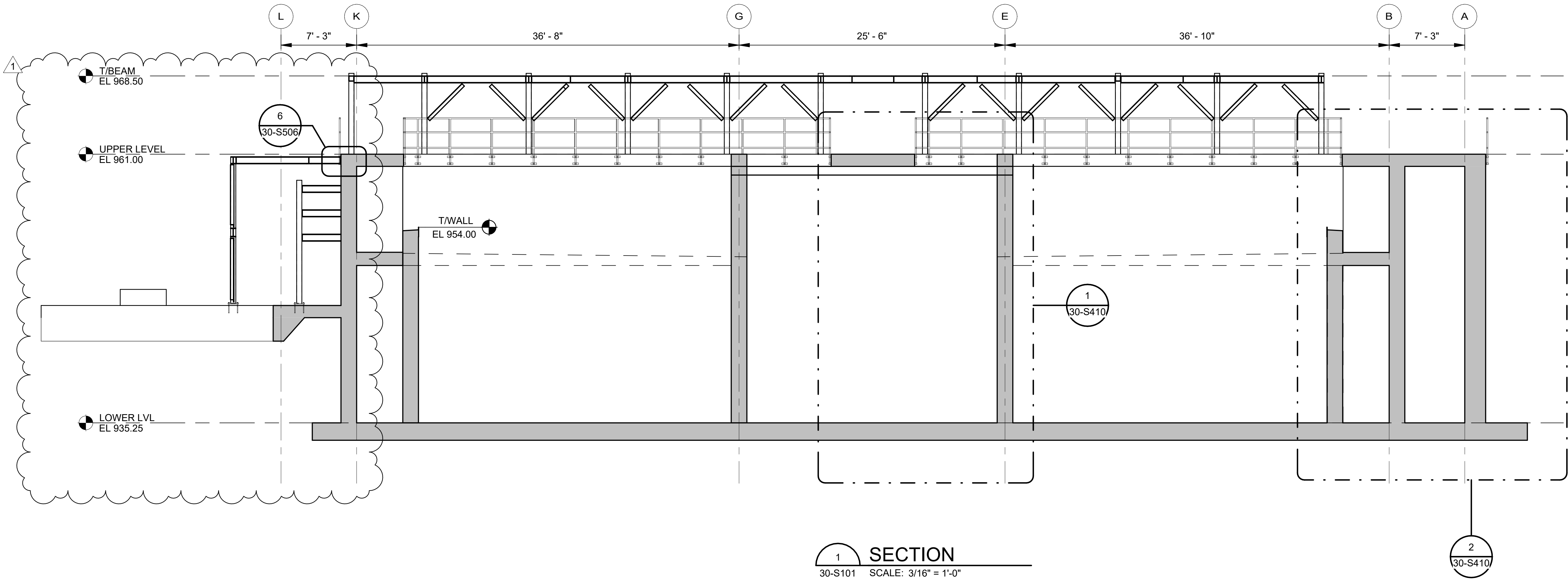
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DRAWING NUMBER
30-S113
SHEET NUMBER
234



SHEET NUMBER **235**

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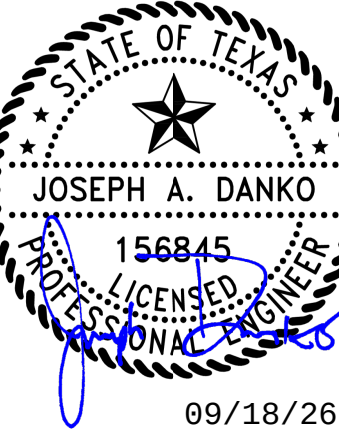
NOTES

- GC TO COORDINATE DIMENSION WITH THE EQUIPMENT MANUFACTURER.
- COORDINATE WALL AND SLAB OPENINGS WITH OTHER DISCIPLINE DRAWINGS.
- REFER TO PROCESS MECHANICAL DRAWINGS FOR ADDITIONAL PIPE PENETRATION DETAILS, FOR REINFORCEMENT AT ALL OPENINGS ON CONCRETE WALL/SLABS, SEE DETAIL (D03) 3000-600
- FOR ALL LAP/HOOK LENGTHS, SEE DETAIL (D03) 3000-100C
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1	09/18/26	ADDENDUM NO. 4	JAD

CITY OF LIBERTY HILL
LIBERTY HILL, TX

LIBERTY HILL - SEVEN DIB - SMALL TOWN

LIBERTY HILL NORTH FORK WWTP

PROCESS TRAINS
SECTION 2

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: JAD
DRAWN BY: EL
CHECKED BY: YT

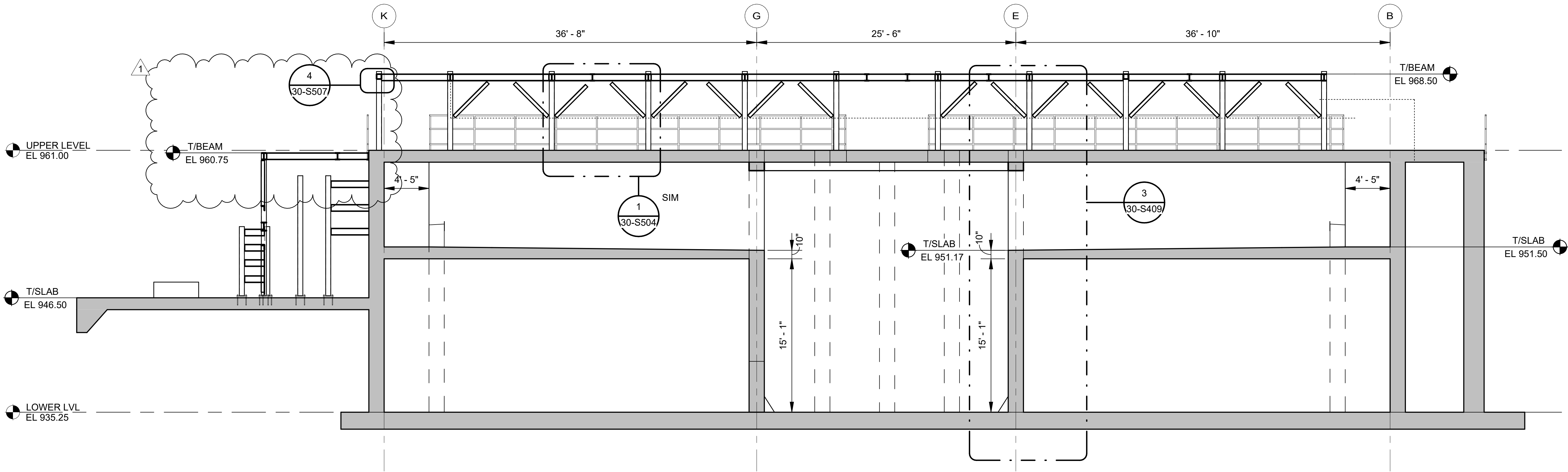
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DRAWING NUMBER
30-S302

SHEET
NUMBER **237**

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Plot Date: 9/17/2026 4:43:48 PM



1 SECTION
30-S101 SCALE: 3/16" = 1'-0"

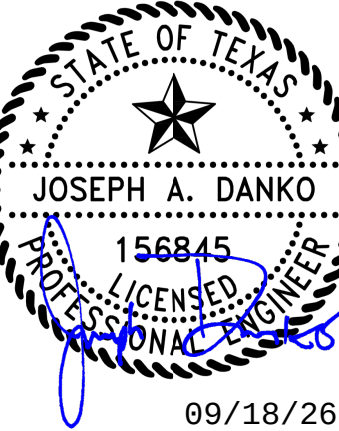
NOTES

- GC TO COORDINATE DIMENSION WITH THE EQUIPMENT MANUFACTURER.
- COORDINATE WALL AND SLAB OPENINGS WITH OTHER DISCIPLINE DRAWINGS.
- REFER TO PROCESS MECHANICAL DRAWINGS FOR ADDITIONAL PIPE PENETRATION DETAILS, FOR REINFORCEMENT AT ALL OPENINGS ON CONCRETE WALL/SLABS, SEE DETAIL (D03) 3000-600
- FOR ALL LAP/HOOK LENGTHS, SEE DETAIL (D03) 3000-100C
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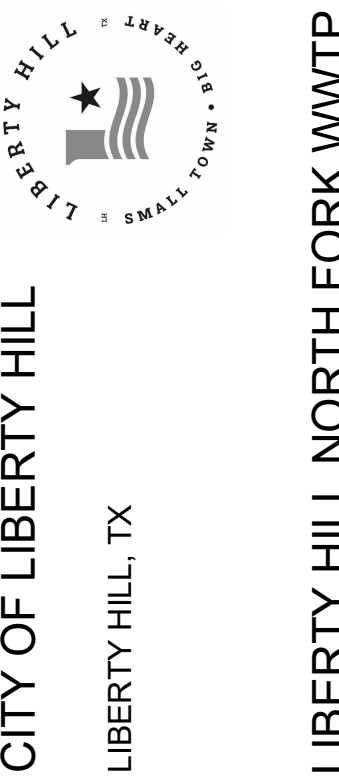


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REV	DATE	DESCRIPTION	BY
1	09/18/26	ADDENDUM NO. 4	JAD



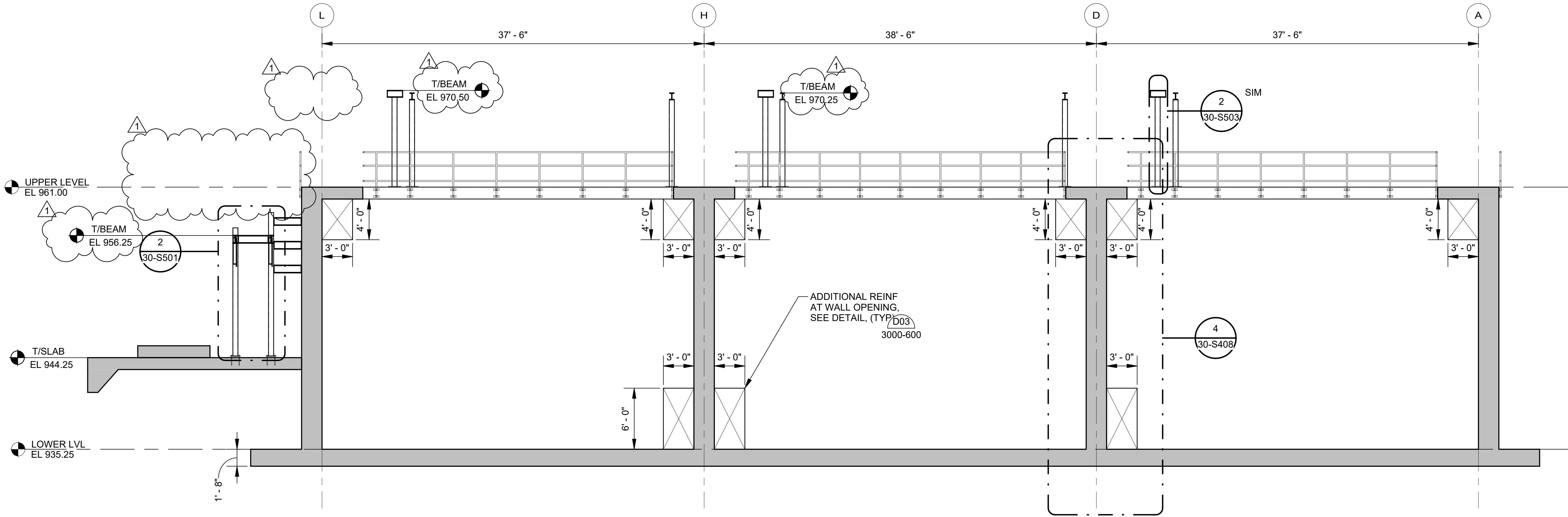
PROCESS TRAINS
SECTION 3

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: JAD
DRAWN BY: EL
CHECKED BY: YT

BAR IS ONE INCH ON ORIGINAL DRAWING
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DRAWING NUMBER
30-S303
SHEET NUMBER
238

Revit File: Autodeskt Docs\\W07-2401219 - Liberty Hill North Fork WWTP Design\\W07-2401219_30_PROCESS TRAINS_STRUCTURAL.rvt
Plot Date: 9/17/2026 4:43:51 PM



1 SECTION
30-S101 SCALE: 3/16" = 1'-0"

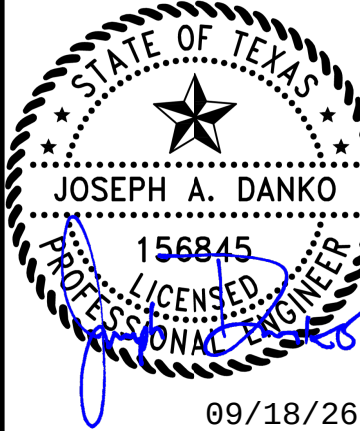
NOTES

- GC TO COORDINATE DIMENSION WITH THE EQUIPMENT MANUFACTURER.
- COORDINATE WALL AND SLAB OPENINGS WITH OTHER DISCIPLINE DRAWINGS.
- REFER TO PROCESS MECHANICAL DRAWINGS FOR ADDITIONAL PIPE PENETRATION DETAILS, FOR REINFORCEMENT AT ALL OPENINGS ON CONCRETE WALL/SLABS, SEE DETAIL (D03) 3000-600
- FOR ALL LAP/HOOK LENGTHS, SEE DETAIL (D03) 3000-100C
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REGISTRATION NO.
F-5713



REV	DATE	DESCRIPTION	BY
1	09/18/26	ADDENDUM NO. 4	JAD



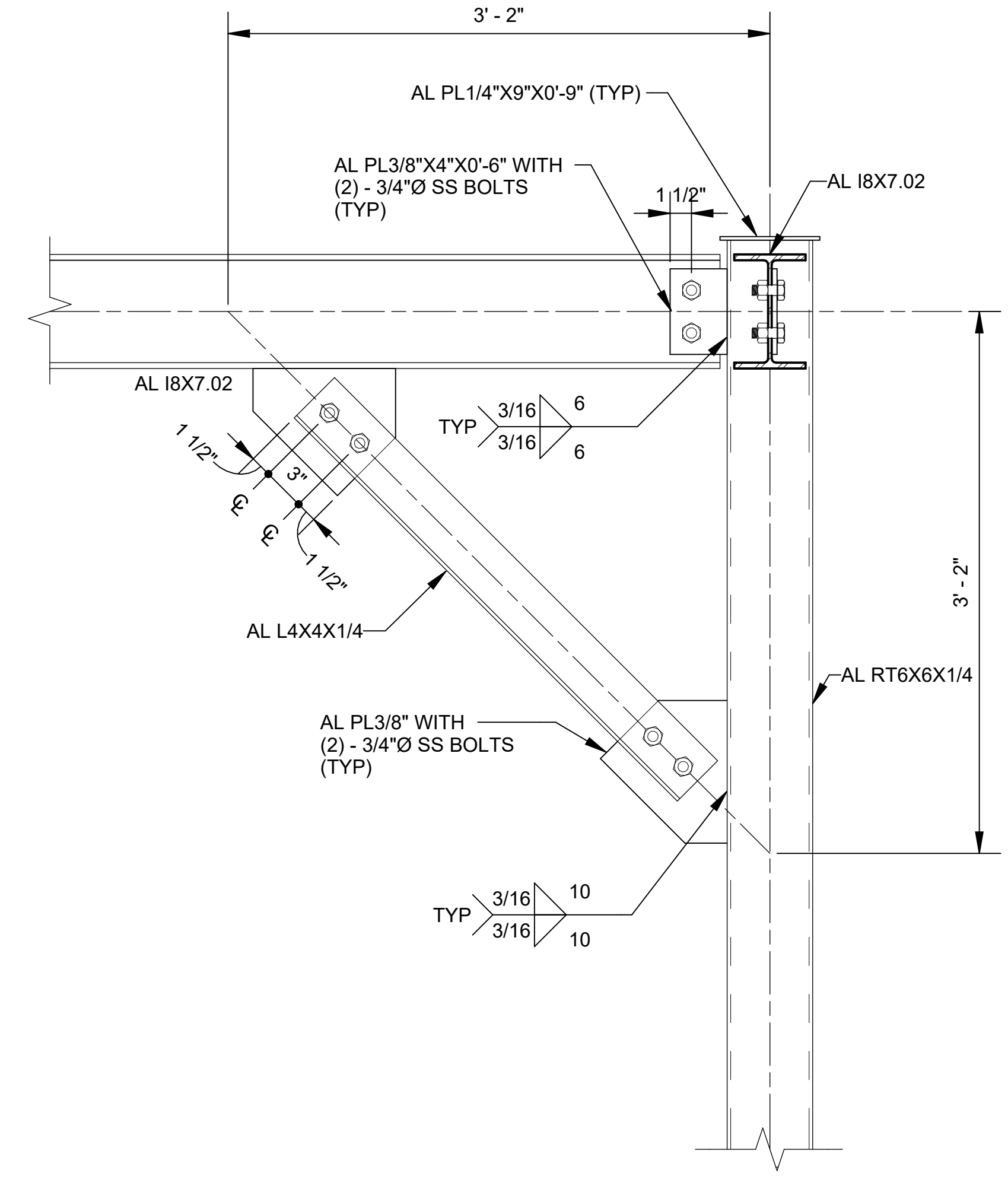
PROCESS TRAINS
SECTION 7

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: JAD
DRAWN BY: EL
CHECKED BY: YT

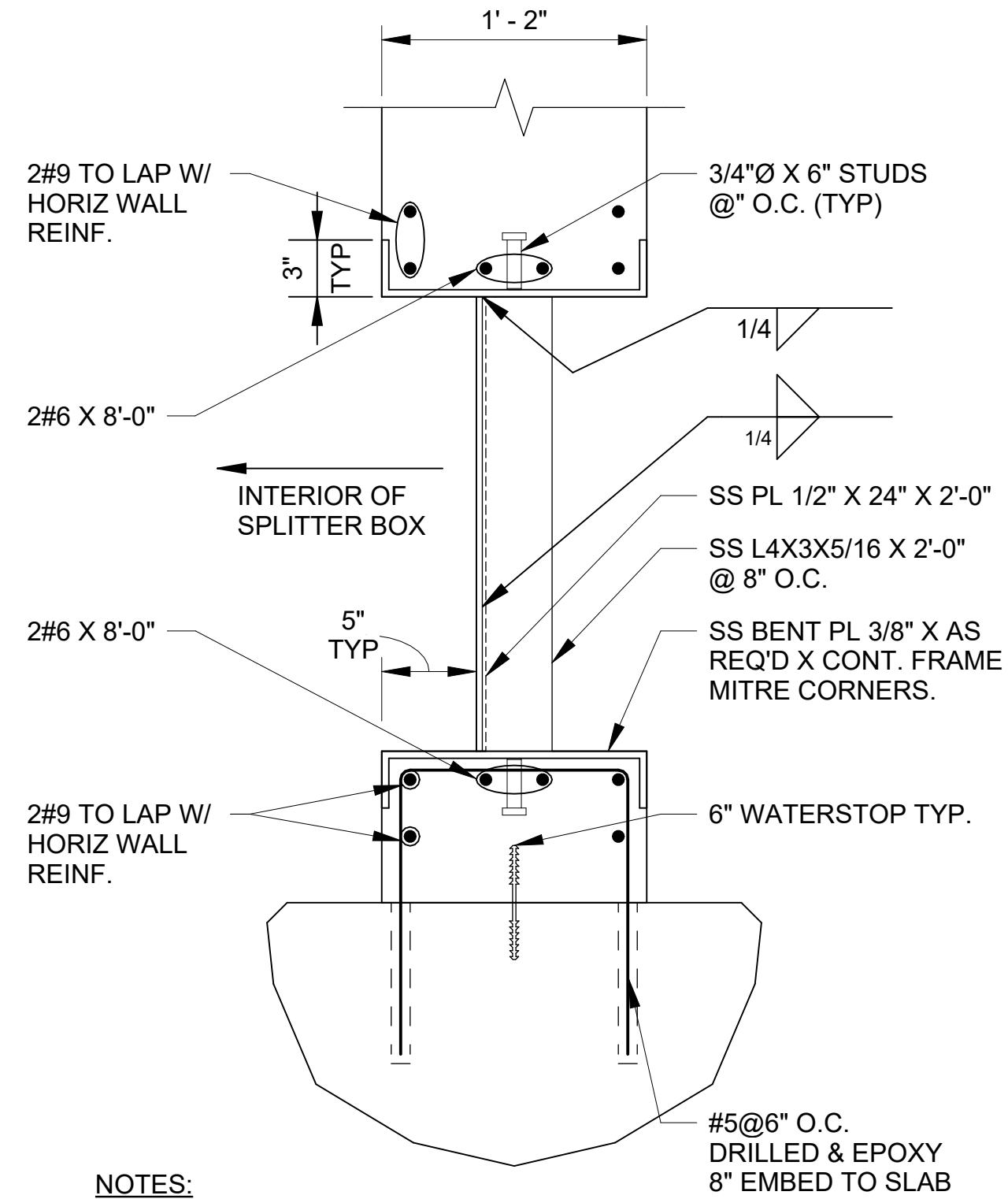
BAR IS ONE INCH ON ORIGINAL DRAWING
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DRAWING NUMBER
30-S307
SHEET NUMBER **242**

Revit File: Autodeskt Docs\\W07-2401219 - Liberty Hill North Fork WWTP Design\\W07-2401219_30_PROCESS TRAINS_STRUCTURAL.rvt
Plot Date: 9/17/2026 4:44:14 PM



1 **PIPE RACK DETAIL**
SCALE: 1 1/2" = 1'-0"



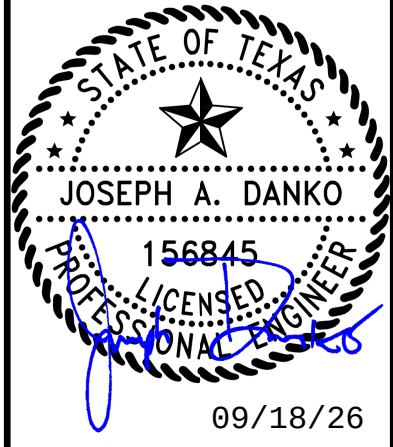
- NOTES:**
- COORD. BENT PL @ W/CONN REQ'TS OF GATE MANUF. SEE PROCESS FOR GATE LOCATION. PRE-DRILL HOLES IN BENT PL AS REQ'D.
 - PROVIDE NAIL HOLES IN BENT PL FOR INSTALLATION IN FORM. CONTRACTOR IS RESPONSIBLE FOR HOLDING ASS'Y IN POSITION DURING PLACEMENT.

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



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F-5713



REV	DATE	DESCRIPTION	BY
1	09/18/26	ADDENDUM NO. 4	JAD



CITY OF LIBERTY HILL
LIBERTY HILL, TX

LIBERTY HILL NORTH FORK WWTP

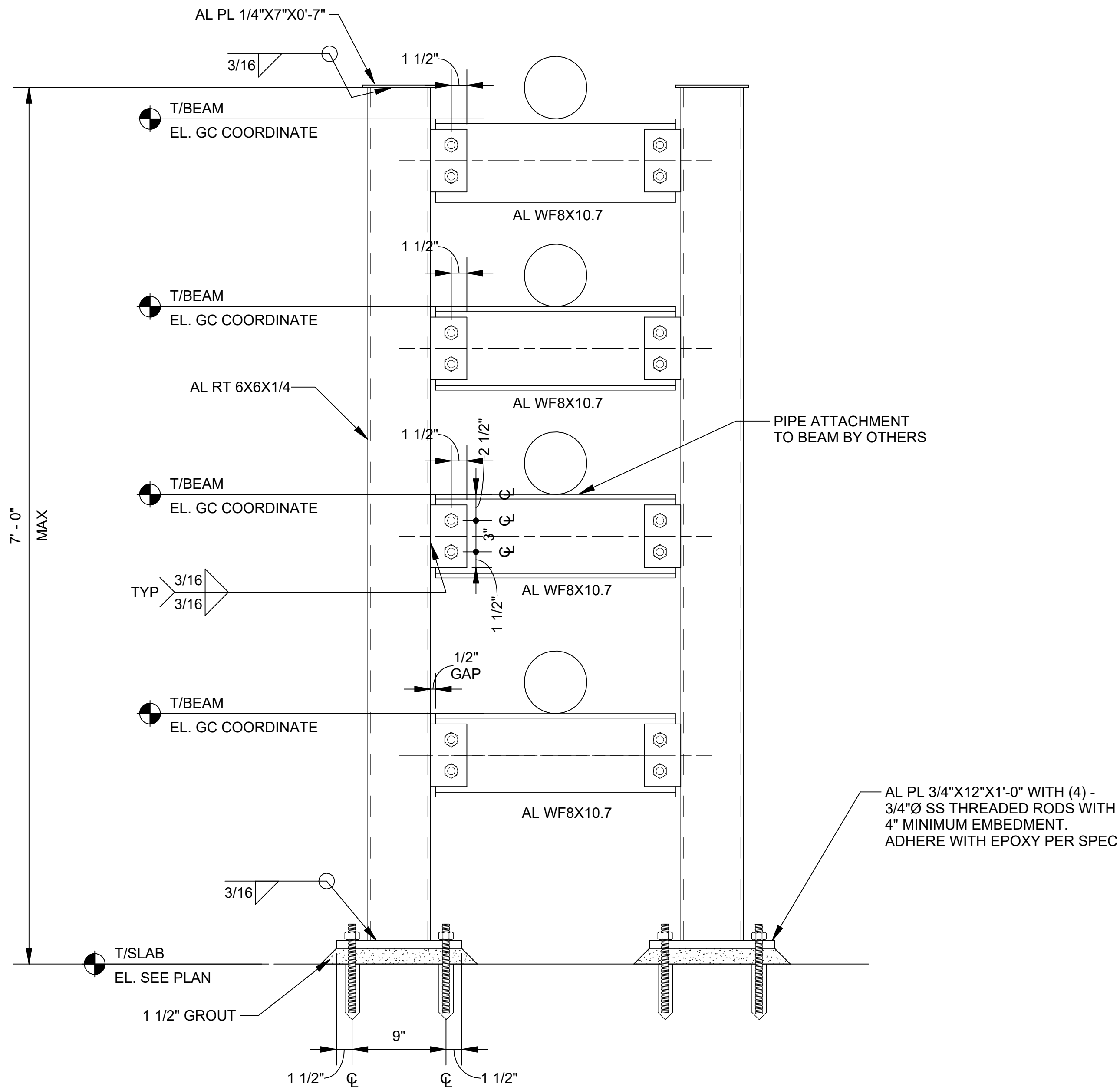
PROCESS TRAINS
ENLARGED DETAIL 2

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: JAD
DRAWN BY: EL
CHECKED BY: YT

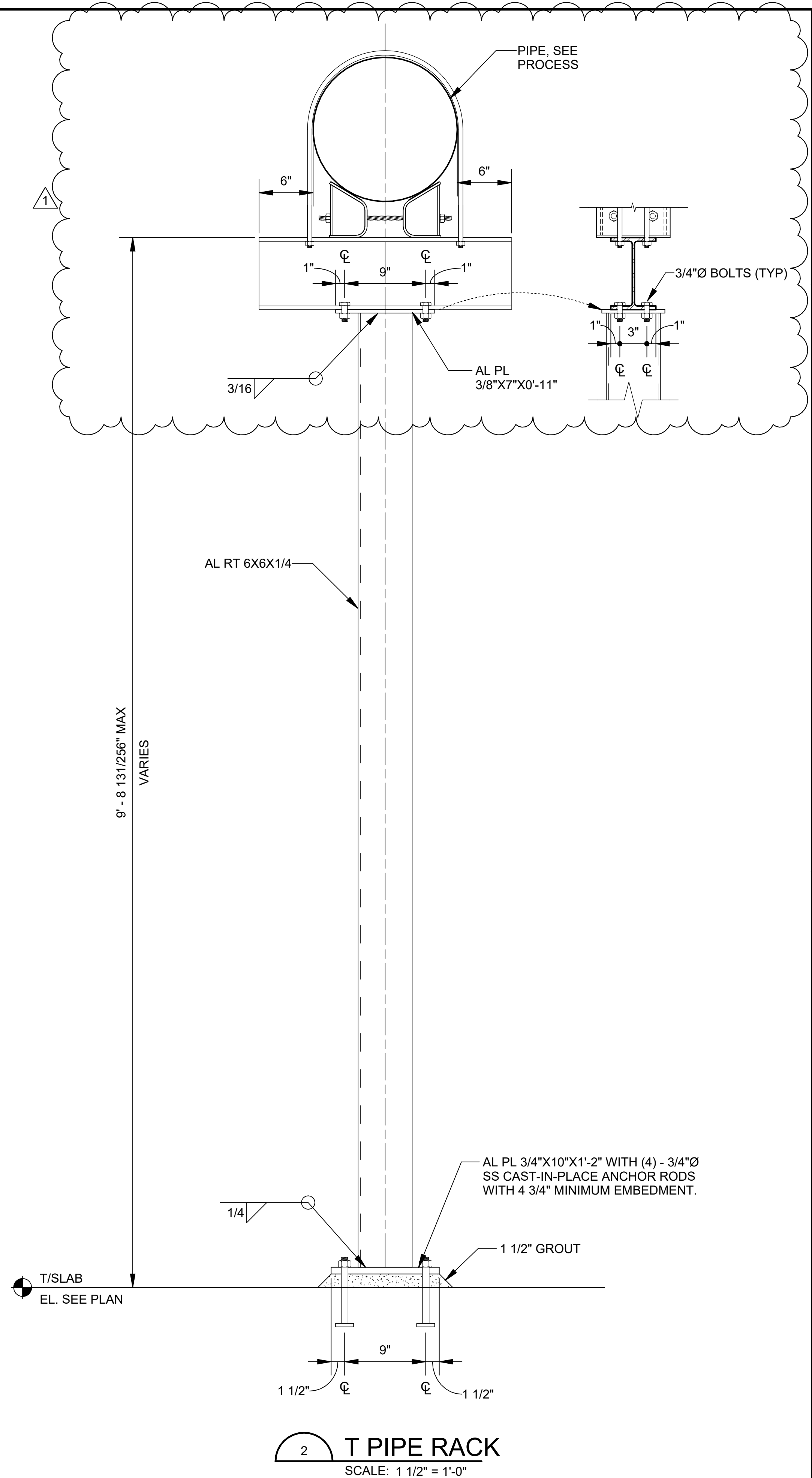
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DRAWING NUMBER
30-S502
SHEET NUMBER **264**

Revit File: Autodeskt Docs\\W07-2401219 - Liberty Hill North Fork WWTP Design\\W07-2401219_30_PROCESS TRAINS_STRUCTURAL.rvt
Plot Date: 9/17/2026 4:44:14 PM



1 PIPE RACK DETAIL 2
SCALE: 1 1/2" = 1'-0"

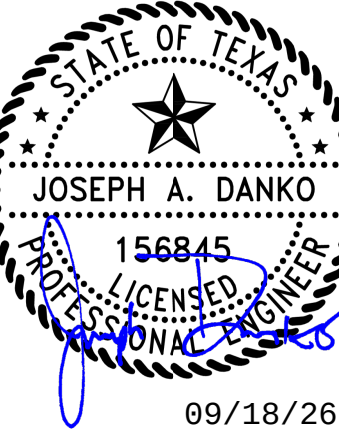


2 T PIPE RACK
SCALE: 1 1/2" = 1'-0"

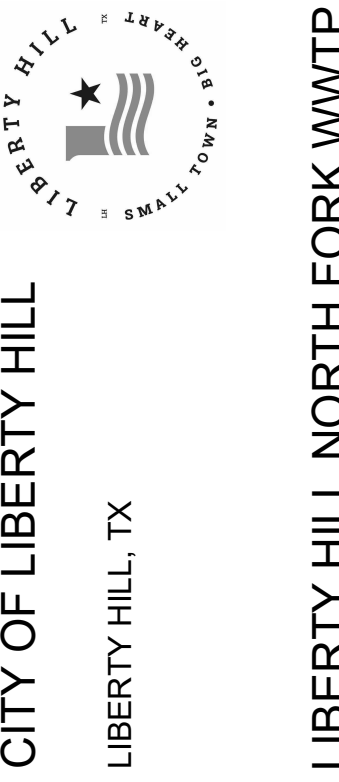


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1	09/18/26	ADDENDUM NO. 4	JAD



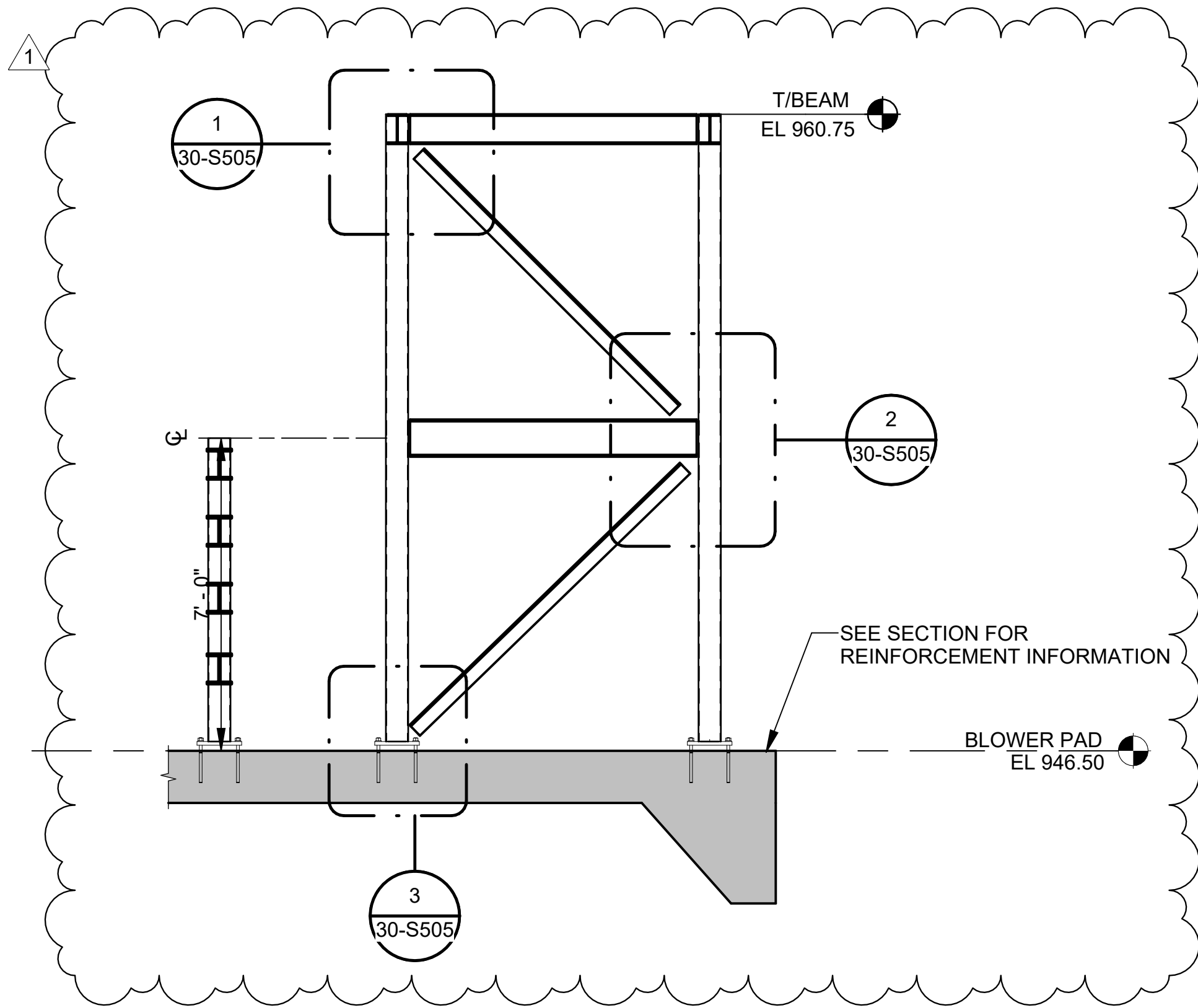
PROCESS TRAINS
ENLARGED DETAIL 3

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: JAD
DRAWN BY: EL
CHECKED BY: YT

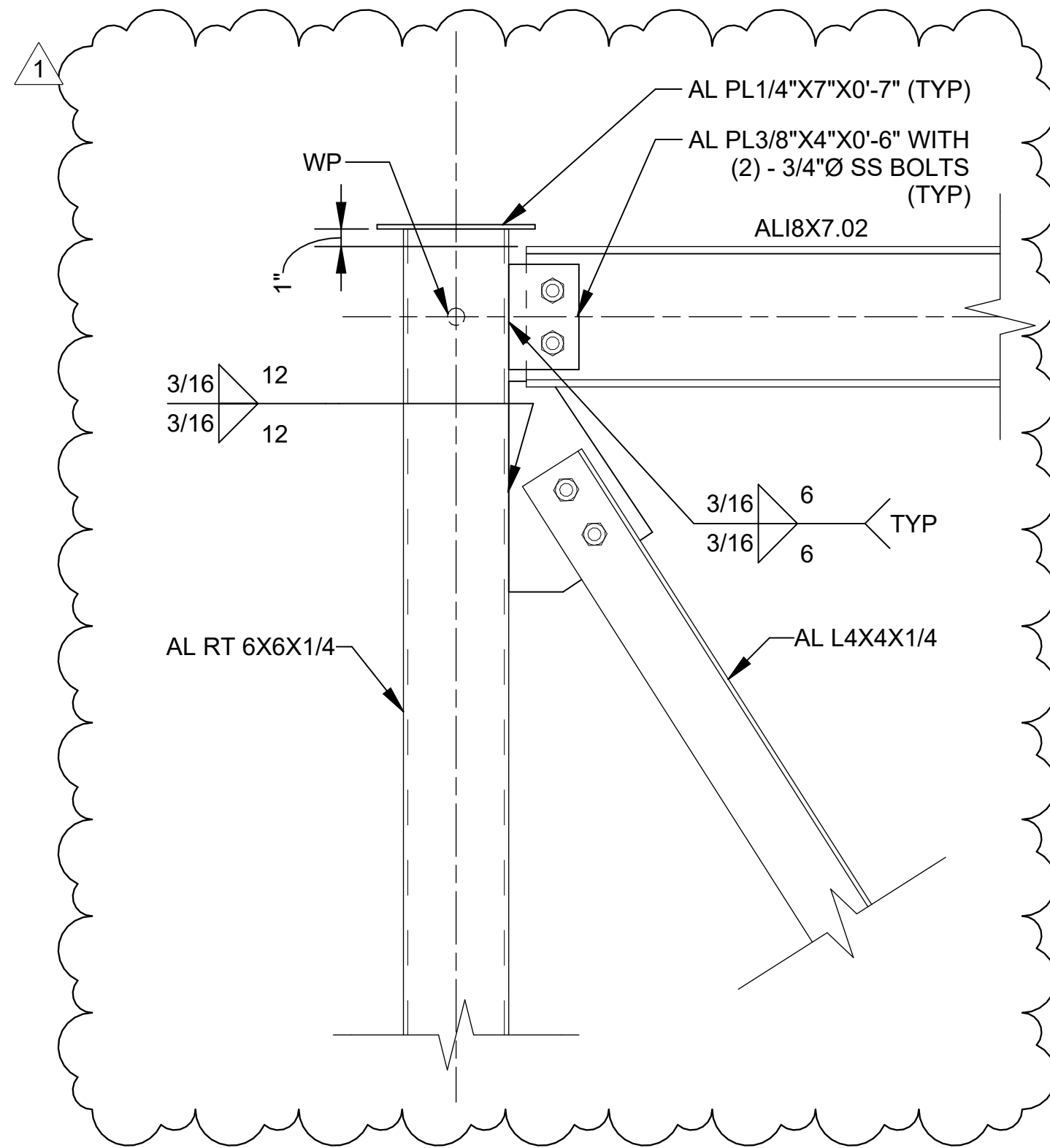
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ORIGINAL DRAWING
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DRAWING NUMBER
30-S503
SHEET
NUMBER **265**

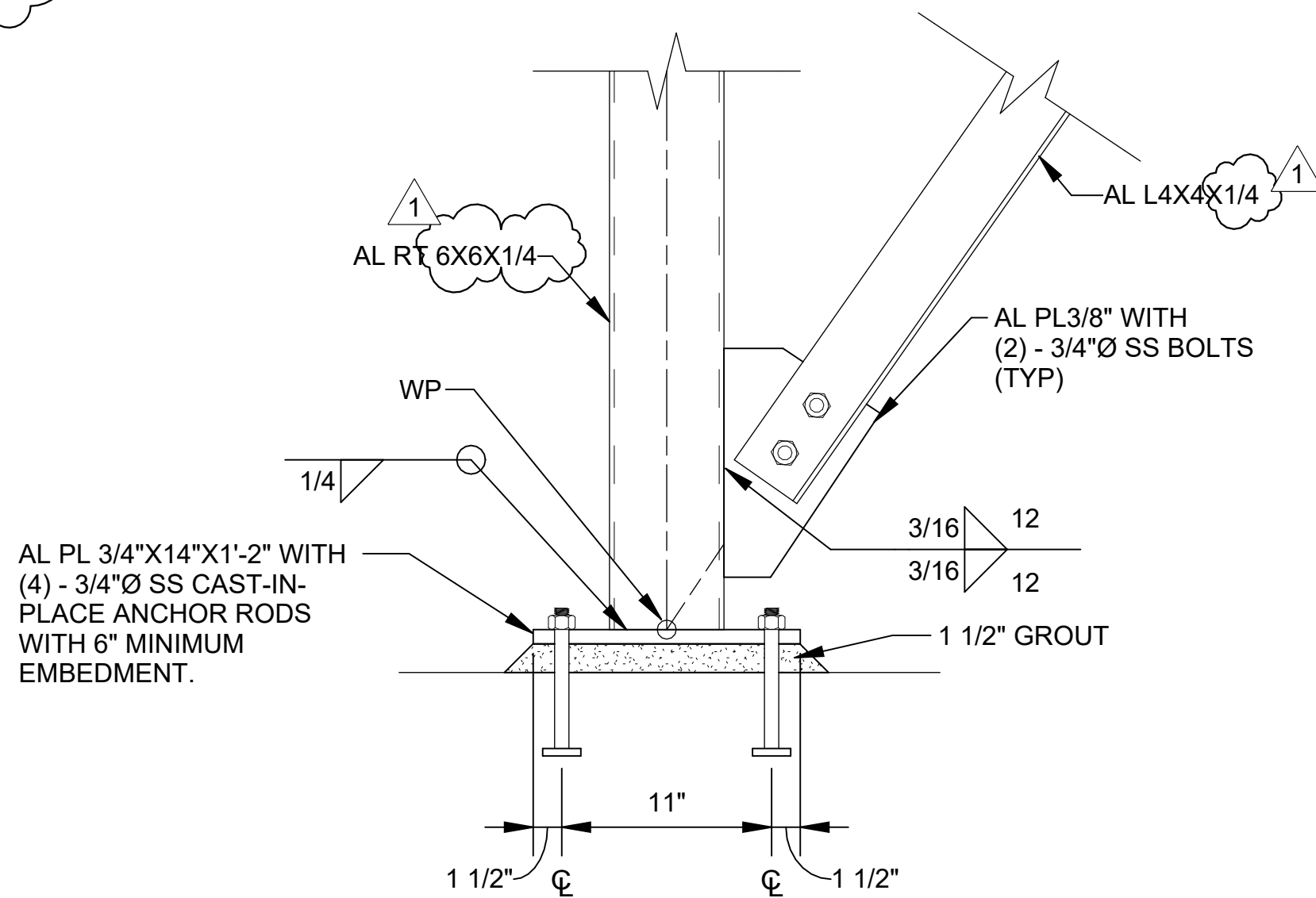
Revit File: Autodeskt Docs\\W07-2401219 - Liberty Hill North Fork WWTP Design\\W07-2401219_30_PROCESS TRAINS_STRUCTURAL.rvt
Plot Date: 9/17/2026 4:44:16 PM



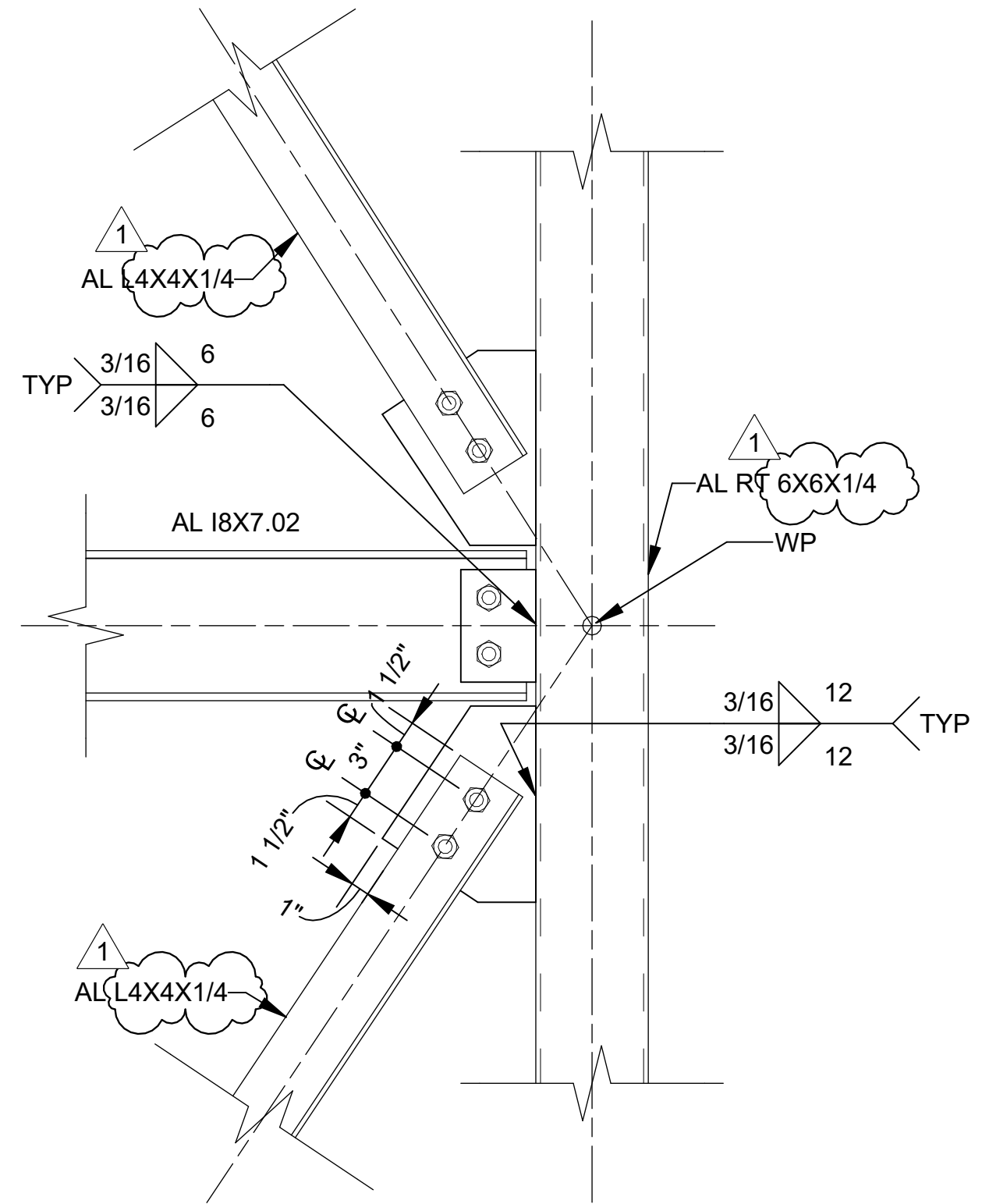
4 ENLARGED SECTION
SCALE: 3/8" = 1'-0"



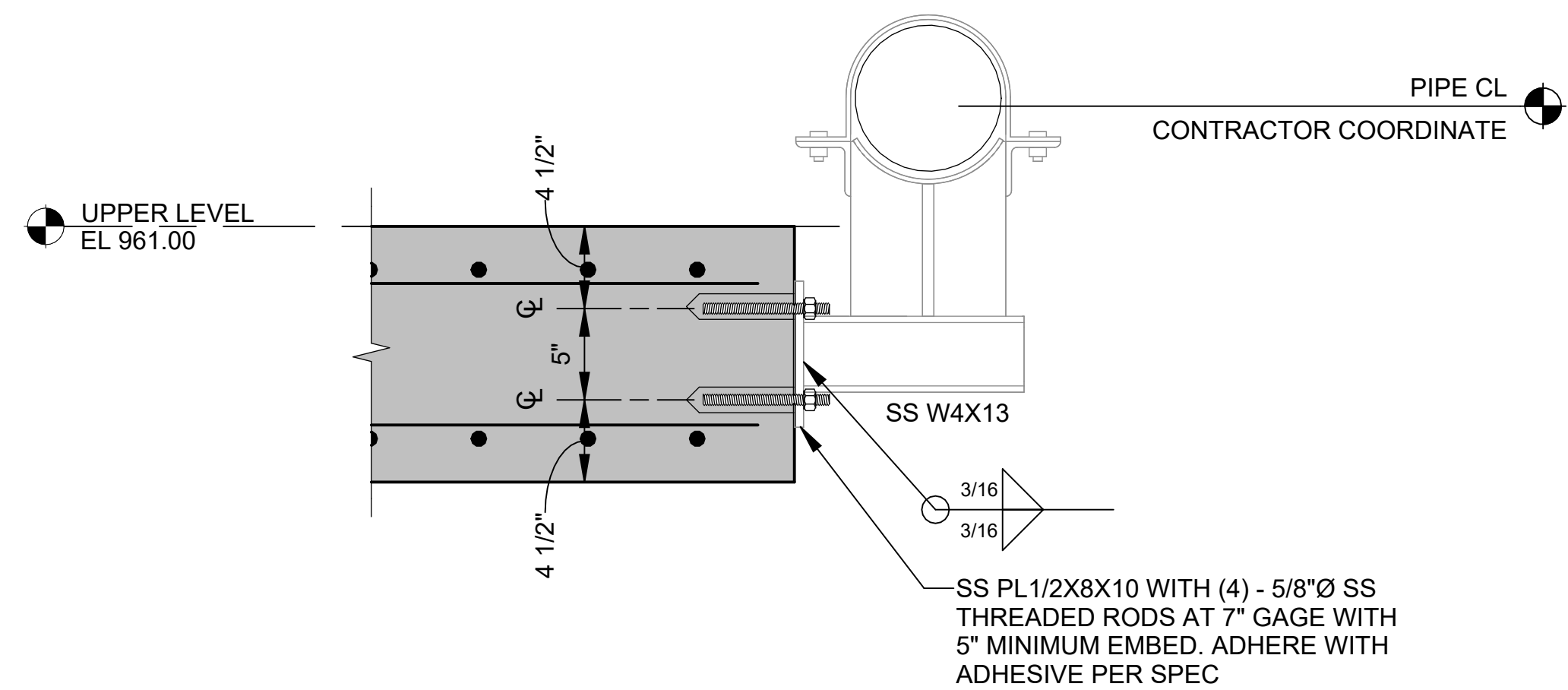
1 DETAIL
SCALE: 1 1/2" = 1'-0"



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



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

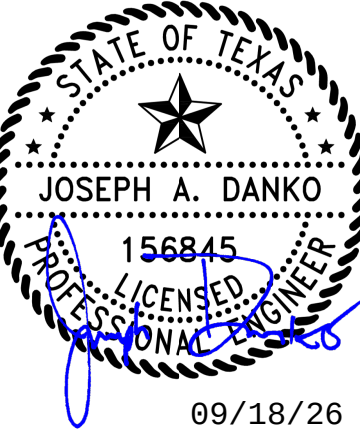


6 PIPE SUPPORT DETAIL
SCALE: 1 1/2" = 1'-0"

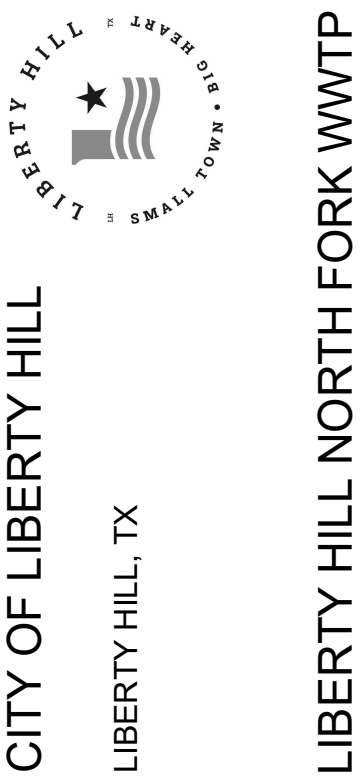


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REV	DATE	DESCRIPTION	BY
1	09/18/26	ADDENDUM NO. 4	JAD



PROCESS TRAINS
ENLARGED DETAIL 5

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: JAD
DRAWN BY: EL
CHECKED BY: DBG

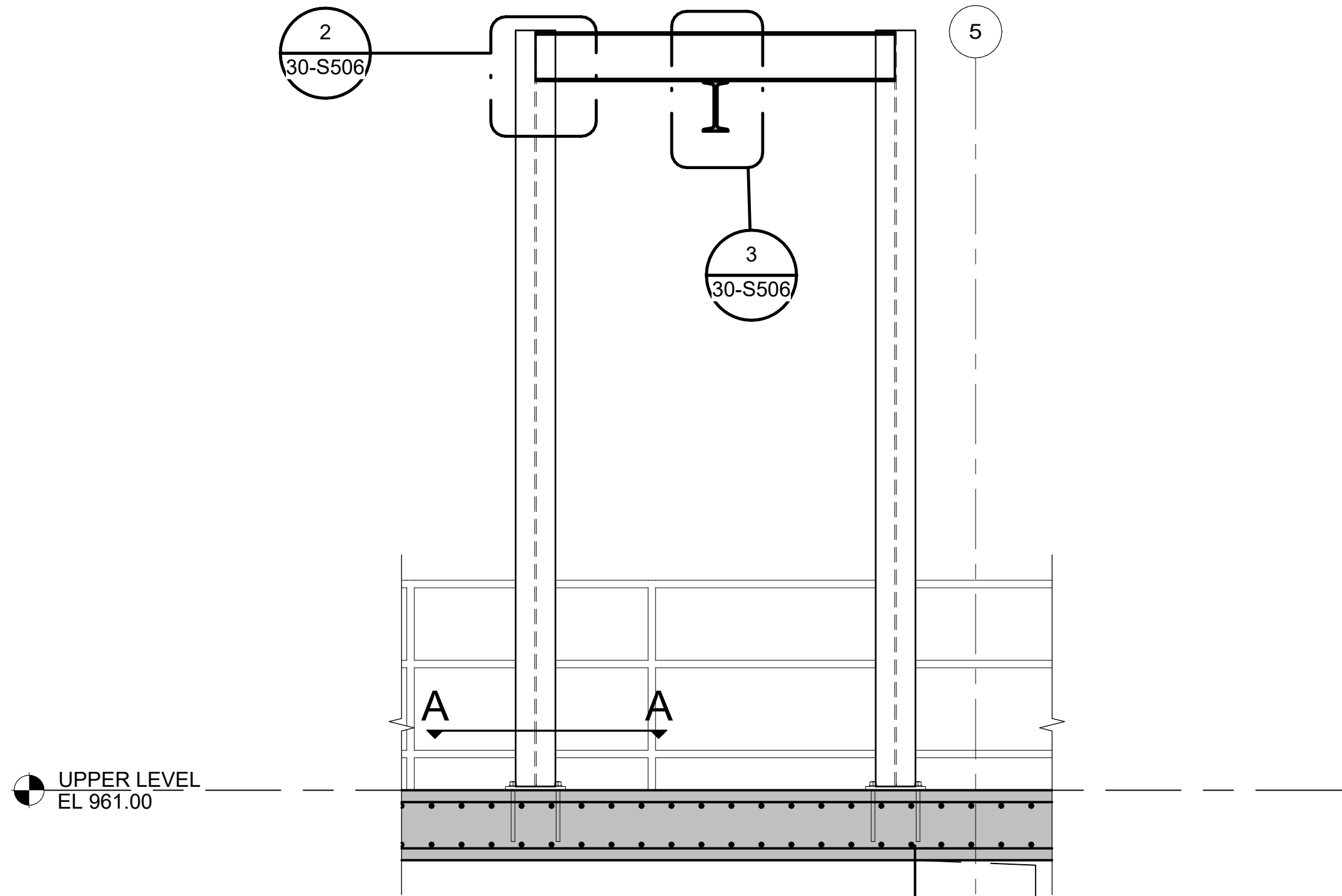
BAR IS ONE INCH ON ORIGINAL DRAWING
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DRAWING NUMBER

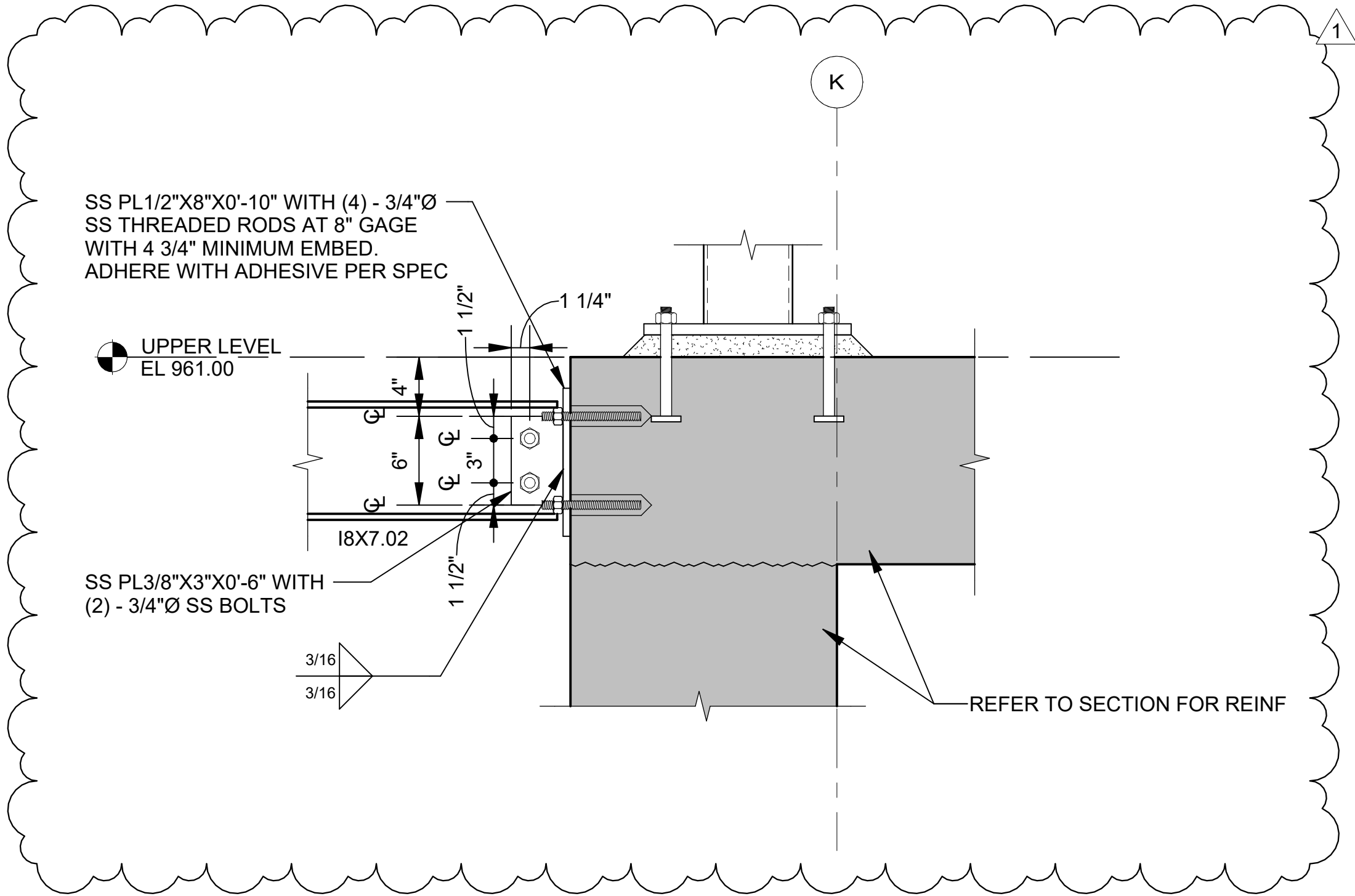
30-S505

SHEET NUMBER 267

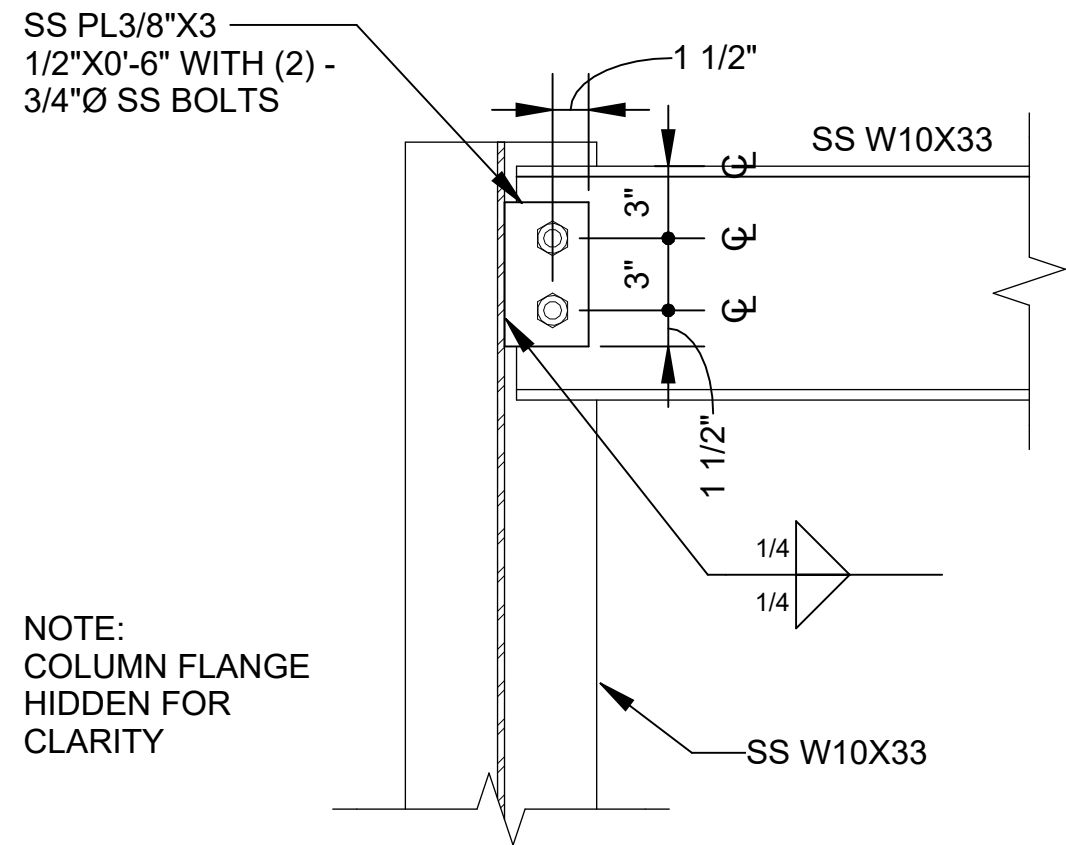
Revit File: Autodeskt Docs\\W07-2401219 - Liberty Hill North Fork WWTP Design\\W07-2401219_30_PROCESS TRAINS_STRUCTURAL.rvt
Plot Date: 9/17/2026 4:44:17 PM



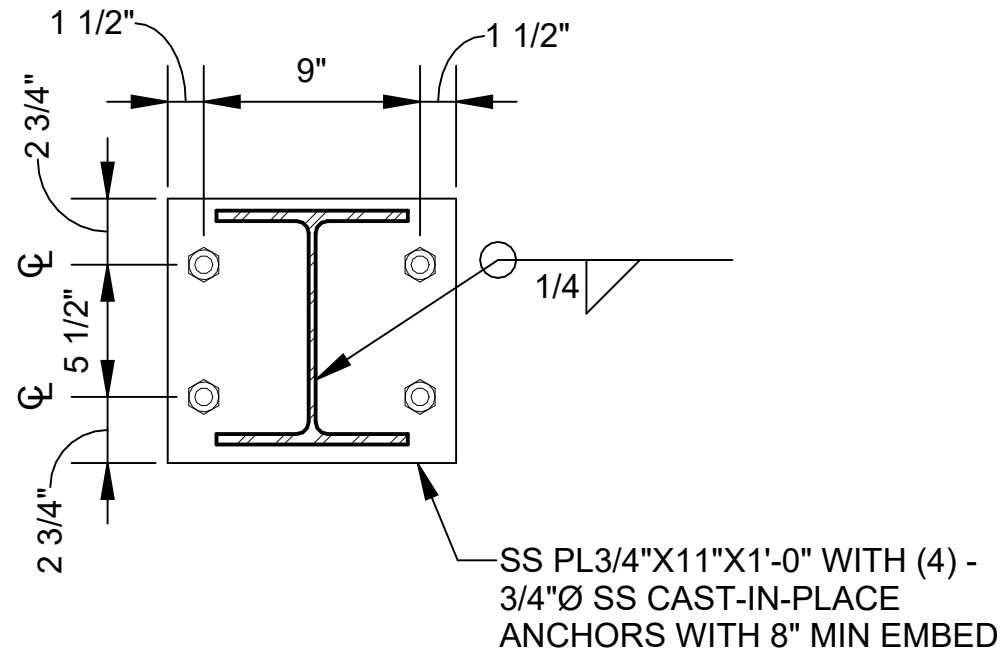
1 SECTION
30-S102 SCALE: 1/2" = 1'-0"



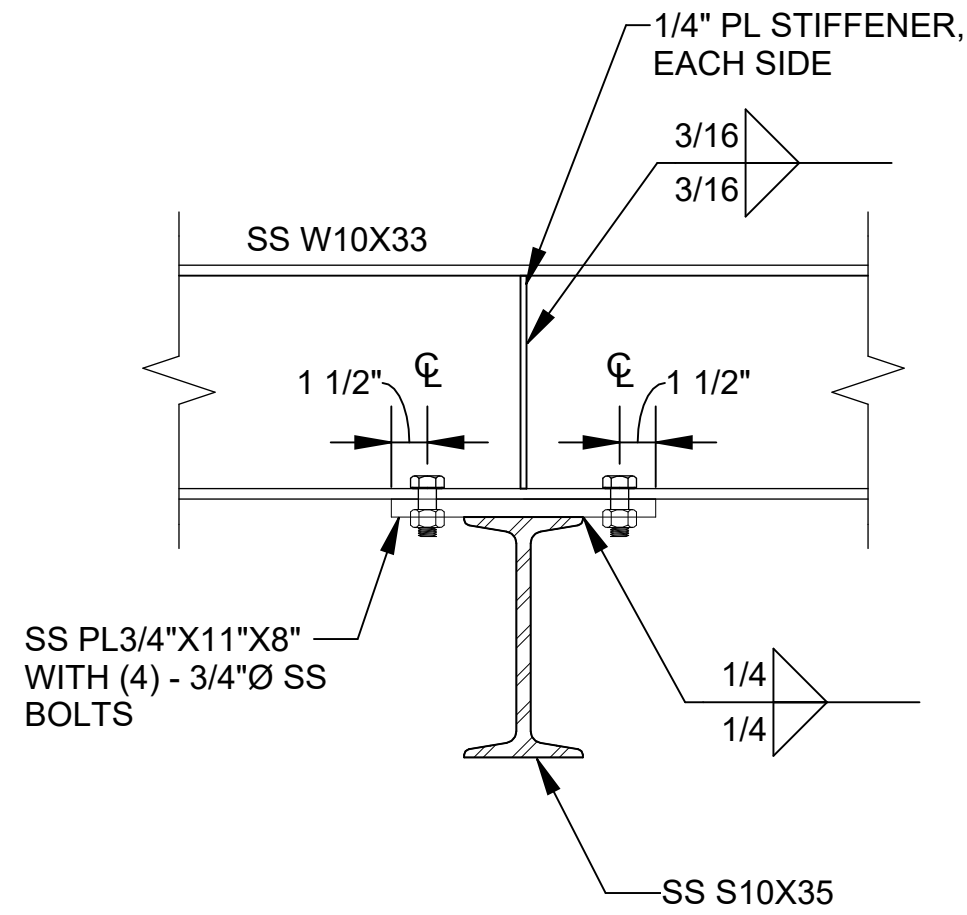
6 DETAIL
30-S302 SCALE: 1 1/2" = 1'-0"



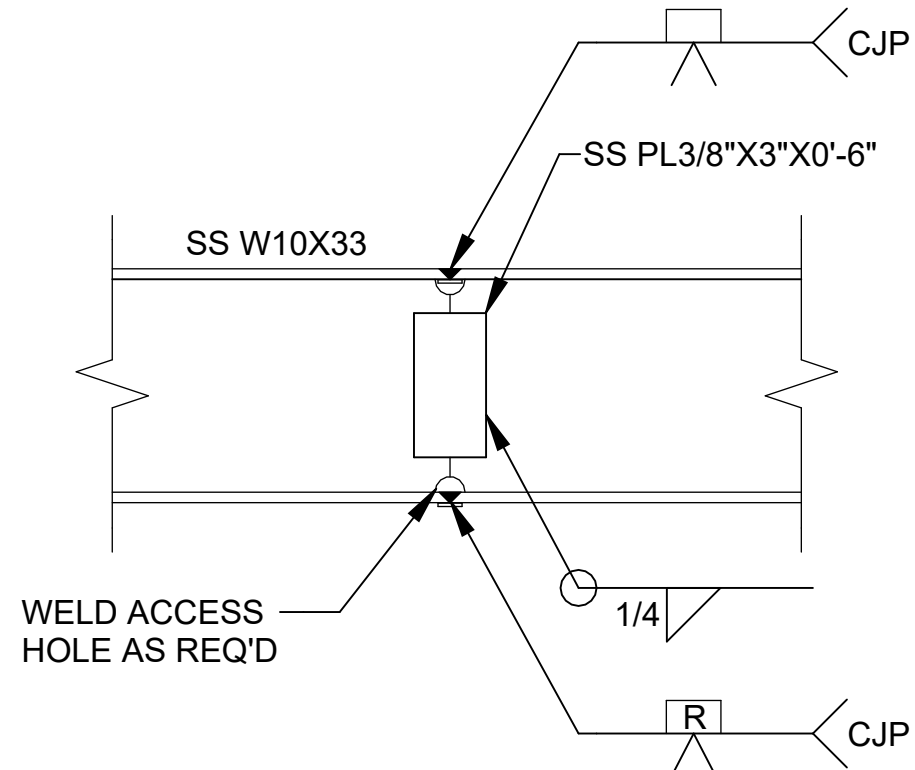
2 PORTAL CONN
SCALE: 1 1/2" = 1'-0"



4 SECTION A-A
SCALE: 1 1/2" = 1'-0"



3 MONORAIL BEAM CONN
SCALE: 1 1/2" = 1'-0"



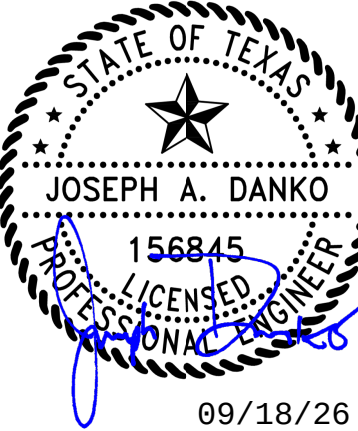
- NOTES:
- TWO BEAM SPLICES SHALL BE PROVIDED
 - CONTRACTOR SHALL SPECIFY LOCATIONS OF SPLICES AS REQUIRED

5 BEAM SPLICE
SCALE: 1 1/2" = 1'-0"

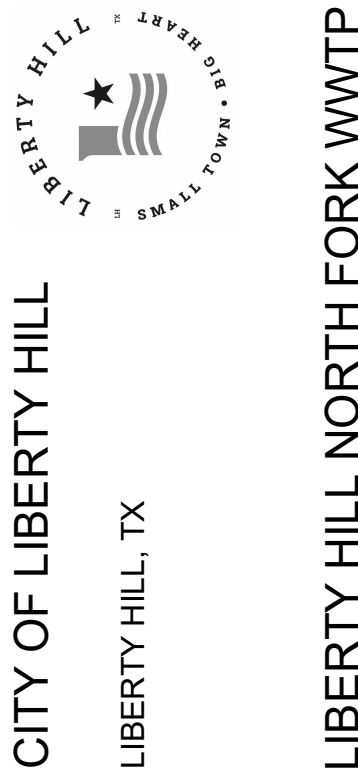


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1	09/18/26	ADDENDUM NO. 4	JAD



PROCESS TRAINS
ENLARGED DETAIL 6

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: JAD
DRAWN BY: EL
CHECKED BY: YT

BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"

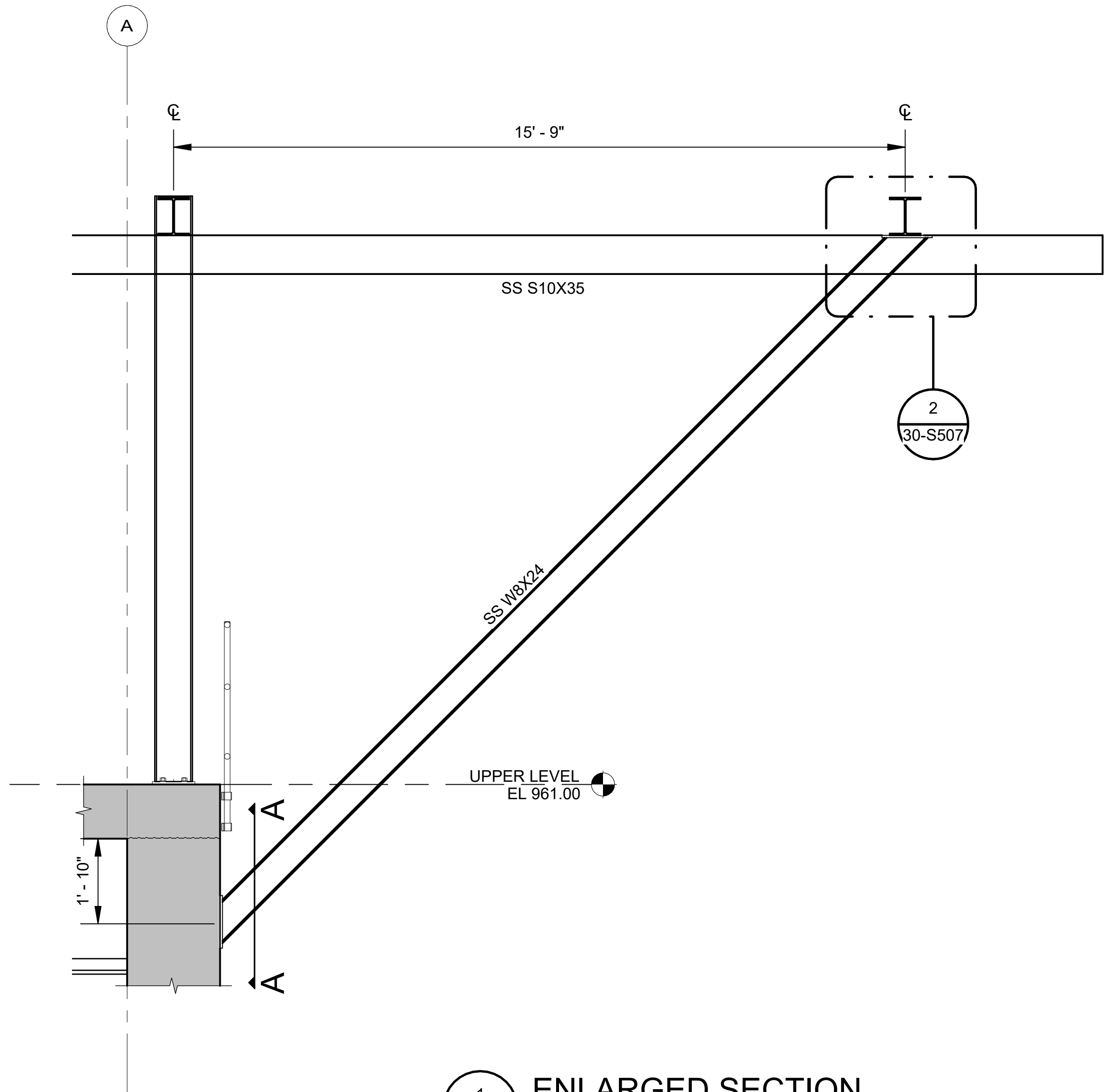
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ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER

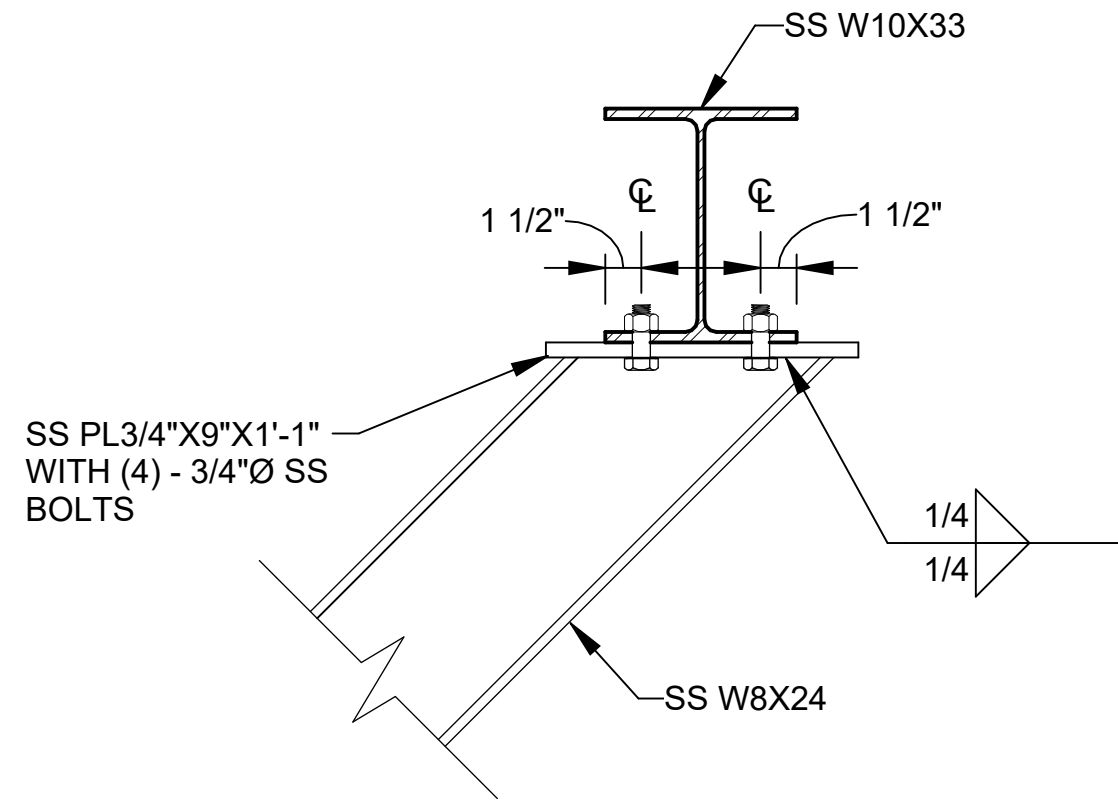
30-S506

SHEET
NUMBER **268**

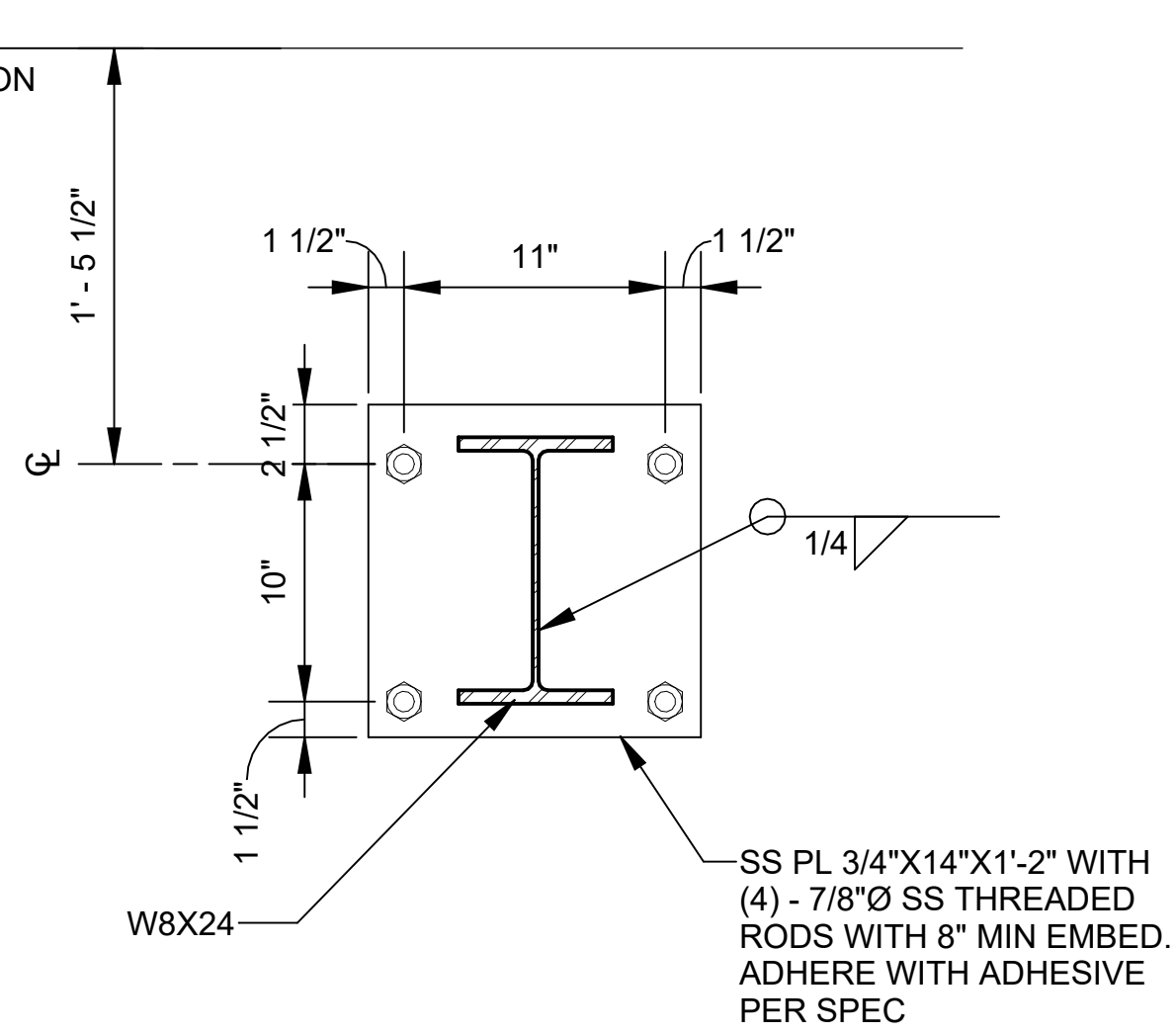
Revit File: Autodeskt Docs\\W07-2401219 - Liberty Hill North Fork WWTP Design\\W07-2401219_30_PROCESS TRAINS_STRUCTURAL.rvt
Plot Date: 9/17/2026 4:44:18 PM



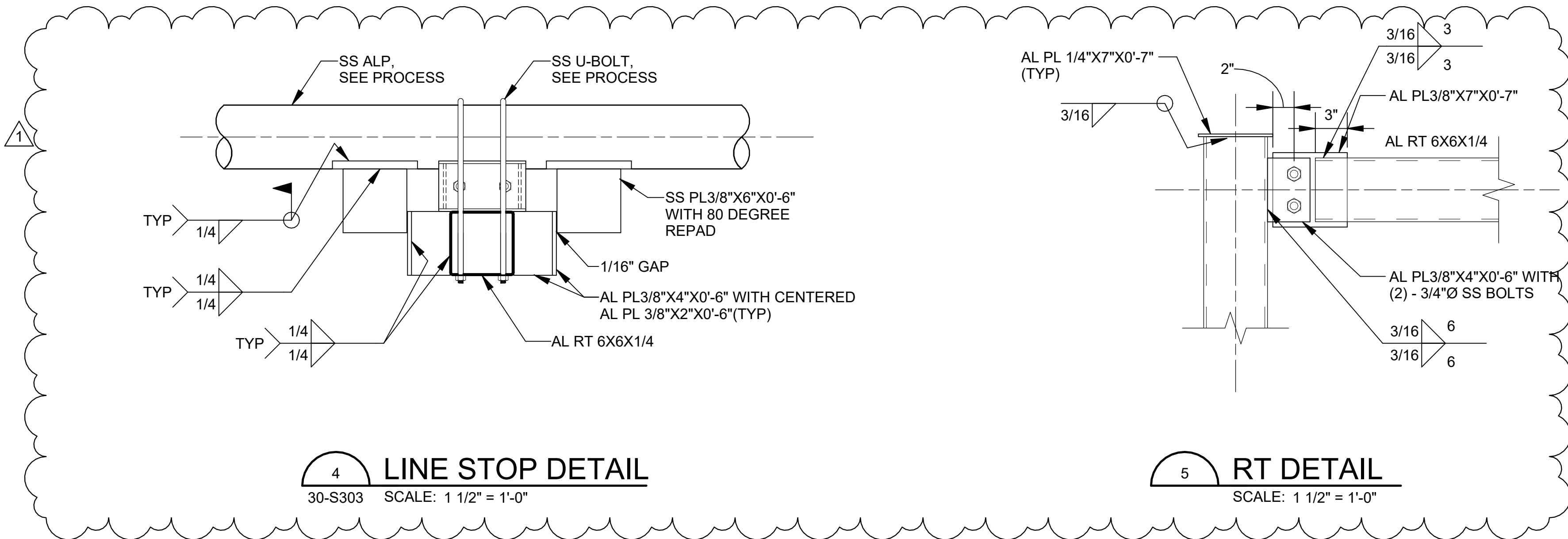
1 **ENLARGED SECTION**
30-S308 SCALE: 1/2" = 1'-0"



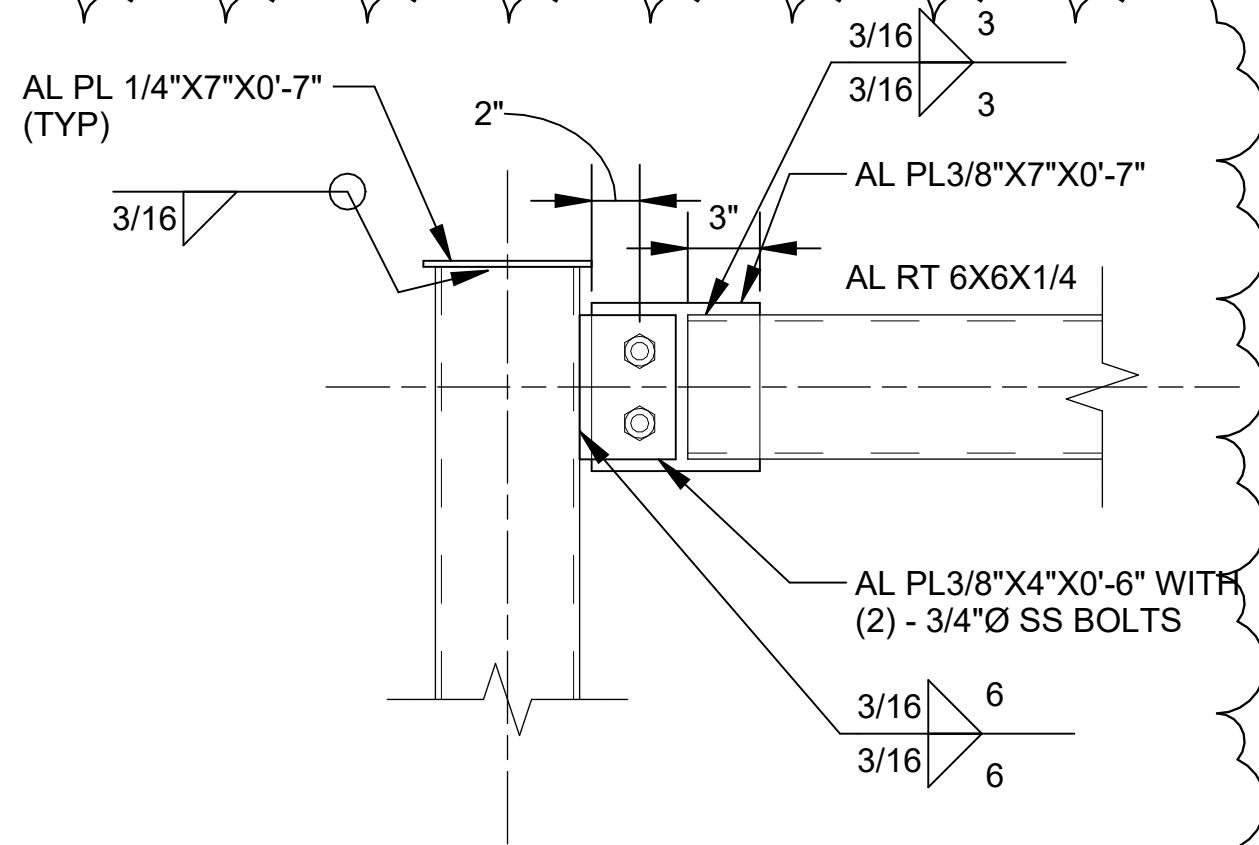
2 **MONORAIL BRACE CONN**
30-S507 SCALE: 1 1/2" = 1'-0"



3 **SECTION A-A**
SCALE: 1 1/2" = 1'-0"



4 **LINE STOP DETAIL**
30-S303 SCALE: 1 1/2" = 1'-0"

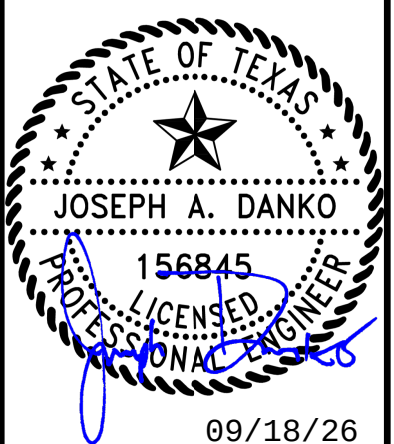


5 **RT DETAIL**
SCALE: 1 1/2" = 1'-0"

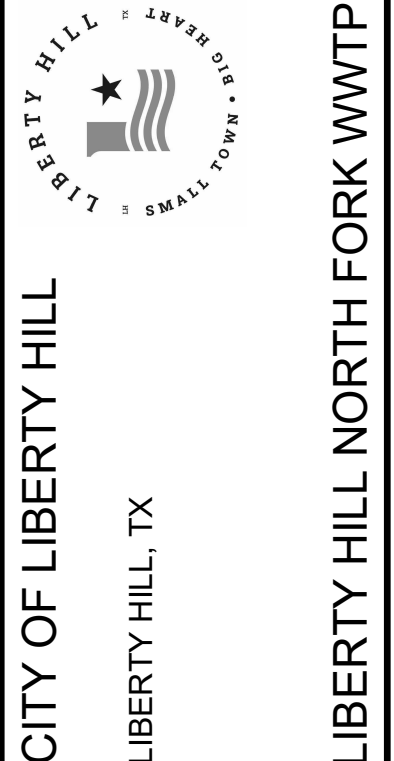


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REV	DATE	DESCRIPTION	BY
1	09/18/26	ADDENDUM NO. 4	JAD



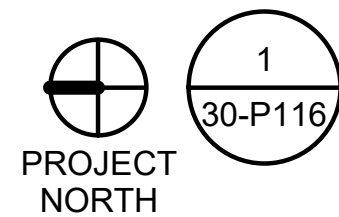
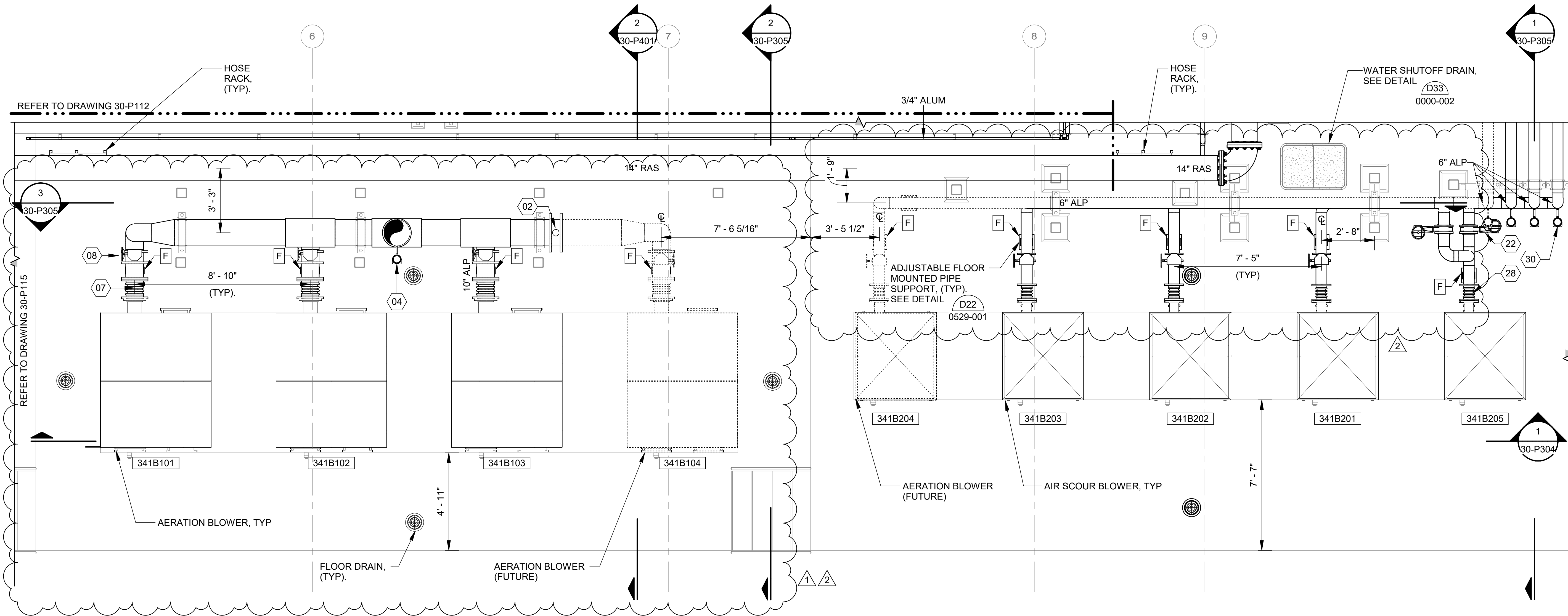
PROCESS TRAINS
ENLARGED DETAIL 7

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: JAD
DRAWN BY: EL
CHECKED BY: YT

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"

DRAWING NUMBER
30-S507
SHEET NUMBER **269**

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Plot Date: 9/18/2026 11:00:07 AM



PROJECT
NORTH

1
30-P116

PROCESS TRAINS UPPER LEVEL - AREA G

SCALE: 3/8" = 1'-0"

KEYNOTES

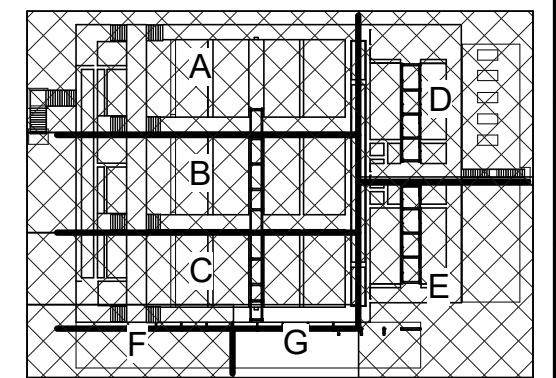
02	16" BUTTERFLY VALVE - V500 (FLG x FLG)
04	16" THERMAL MASS FLOWMETER
07	10" EXPANSION JOINT (FLG x FLG)
08	10" BUTTERFLY VALVE - V500 (FLG x FLG)
22	6" BUTTERFLY VALVE - V500 (FLG x FLG)
28	6" EXPANSION JOINT (FLG x FLG)
30	6" THERMAL MASS FLOWMETER

PIPE SUPPORT LEGEND:

- F** FIXED SUPPORT
G GUIDING SUPPORT

NOTES:

- GUIDING SUPPORT SHALL BE A STAINLESS STEEL SADDLE PIPE SUPPORT WITH A PTFE SLIDE PLATE AND A STAINLESS STEEL U-BOLT WITH A 1/4" GAP ON ALL SIDES UNLESS NOTED OTHERWISE.
- FIXED SUPPORT SHALL BE A STAINLESS STEEL PIPE SUPPORT WELDED TO THE PIPE TO PREVENT LATERAL AND AXIAL MOVEMENT OF THE PIPE.
- SEE SECTION 40 05 07 FOR ADDITIONAL PIPE SUPPORT REQUIREMENTS.

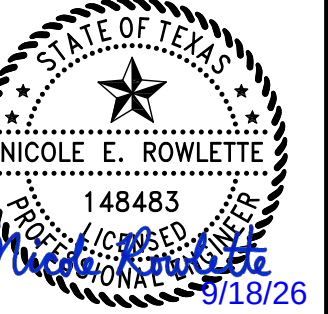


KEY PLAN

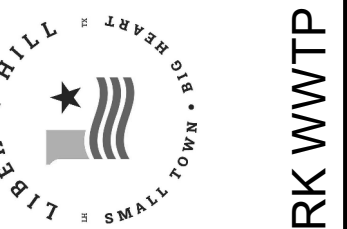


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REV	DATE	DESCRIPTION	BY
1	09/11/26	ADDENDUM NO. 3	NER
2	09/18/26	ADDENDUM NO. 4	NER



CITY OF LIBERTY HILL
LIBERTY HILL, TX

LIBERTY HILL NORTH FORK WWTP

PROCESS TRAINS
UPPER LEVEL AREA G

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: AOL
DRAWN BY: CIW
CHECKED BY: NER

BAR IS ONE INCH ON
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0 1"

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DRAWING NUMBER

30-P116

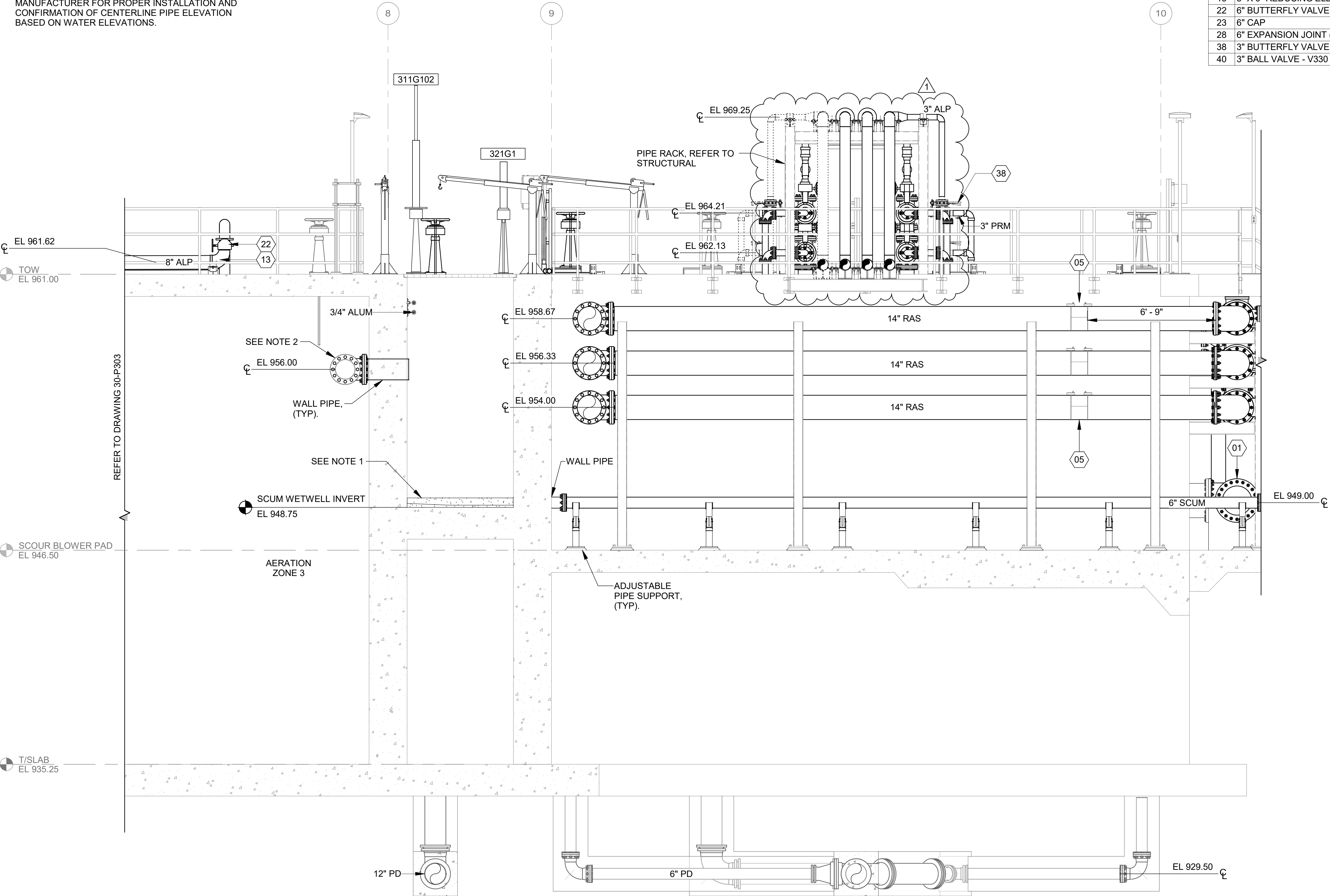
SHEET
NUMBER **285**

NOTES:

1. INSTALL GROUT PER PUMP MANUFACTURER'S RECOMMENDATION.
2. CONTRACTOR TO COORDINATE WITH SCUM PIPE MANUFACTURER FOR PROPER INSTALLATION AND CONFIRMATION OF CENTERLINE PIPE ELEVATION BASED ON WATER ELEVATIONS.

KEYNOTES

01	20" BLIND (FLG)
05	14" ULTRASONIC CLAMP-ON TRANSIT TIME FLOW METER
06	14" PLUG VALVE - V406 (FLG x FLG)
13	8" X 6" REDUCING ELBOW (WLD x WLD)
22	6" BUTTERFLY VALVE - V500 (FLG x FLG)
23	6" CAP
28	6" EXPANSION JOINT (FLG x FLG)
38	3" BUTTERFLY VALVE - V510 (FLG x FLG)
40	3" BALL VALVE - V330 (SOC x SOC)



1 PROCESS TRAINS SECTIONS 2
30-P101 SCALE: 3/8" = 1'-0"

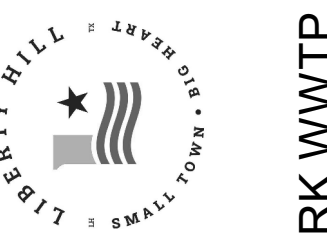


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F-5713



REV	DATE	DESCRIPTION	BY
1	09/18/26	ADDENDUM NO.4	NER



CITY OF LIBERTY HILL
LIBERTY HILL, TX
LIBERTY HILL NORTH FORK WWTP

PROCESS TRAINS
SECTIONS 2

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: AOL
DRAWN BY: CIW
CHECKED BY: NER

BAR IS ONE INCH ON
ORIGINAL DRAWING 1"

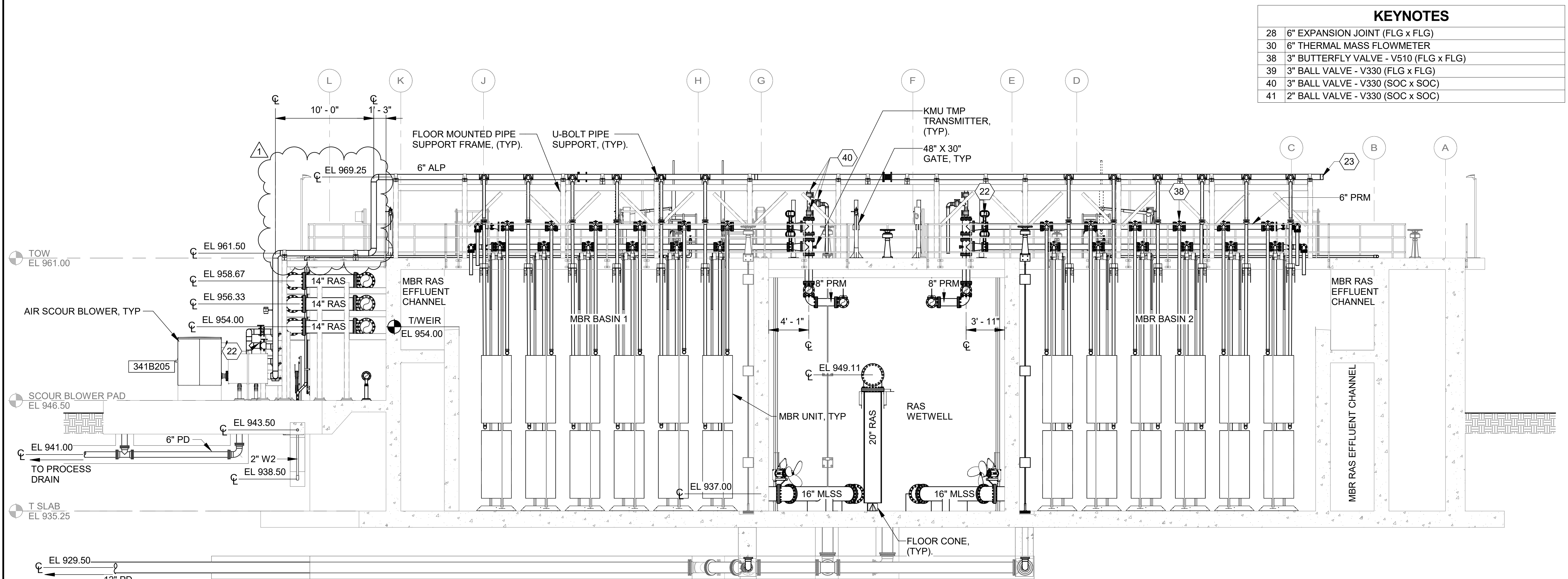
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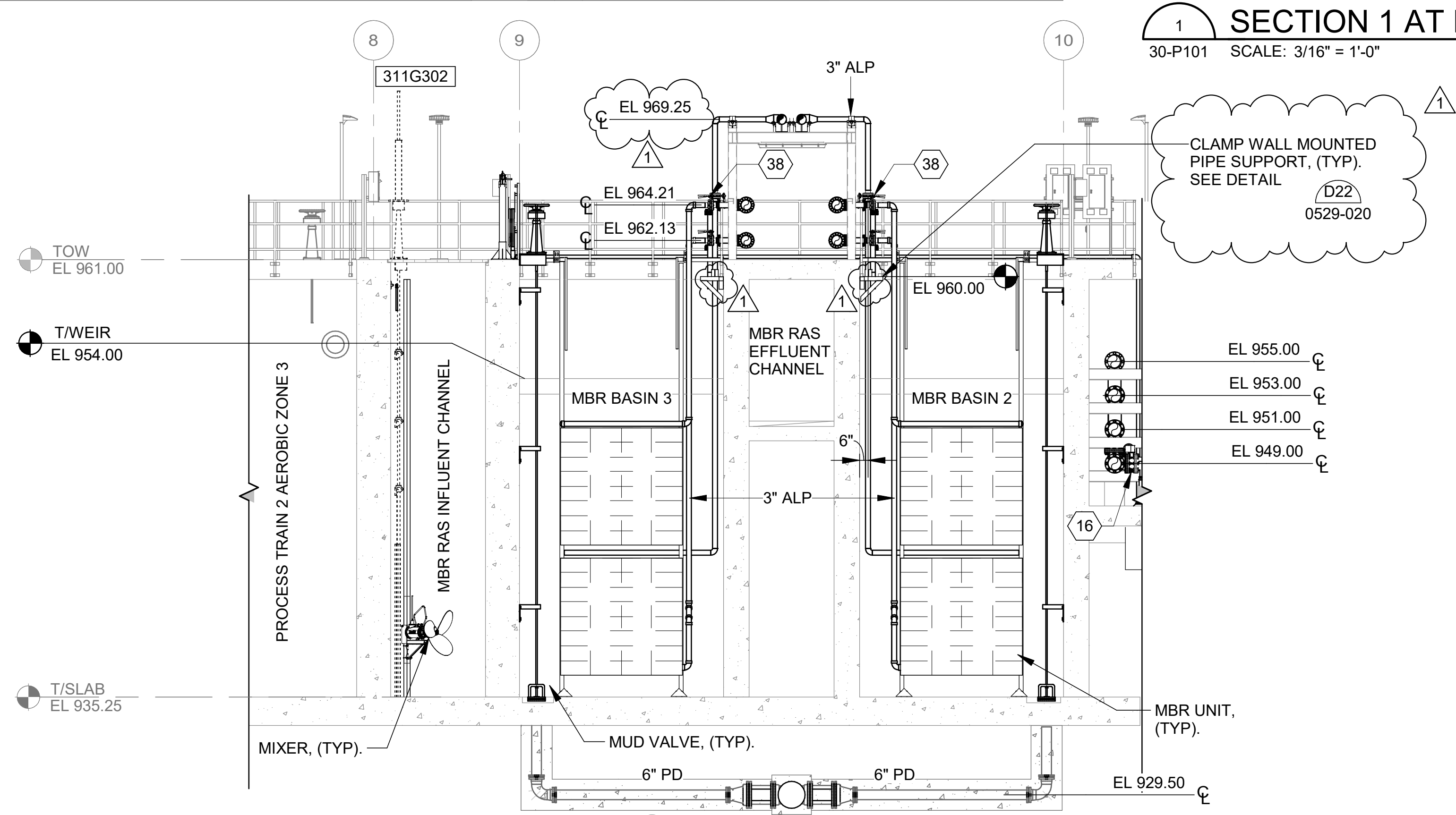
30-P302

SHEET
NUMBER 288

Revit File: Autodesk Docs\\W07-2401219 - Liberty Hill North Fork WWTP Design\\W07-2401219_30_PROCESS TRAINS_PROCESS.rvt
Plot Date: 9/18/2026 6:51:09 AM



SECTION 1 AT MBR
30-P101 SCALE: 3/16" = 1'-0"



SECTION 2 AT MBR
30-P101 SCALE: 3/16" = 1'-0"

KEYNOTES

28	6" EXPANSION JOINT (FLG x FLG)
30	6" THERMAL MASS FLOWMETER
38	3" BUTTERFLY VALVE - V510 (FLG x FLG)
39	3" BALL VALVE - V330 (FLG x FLG)
40	3" BALL VALVE - V330 (SOC x SOC)
41	2" BALL VALVE - V330 (SOC x SOC)

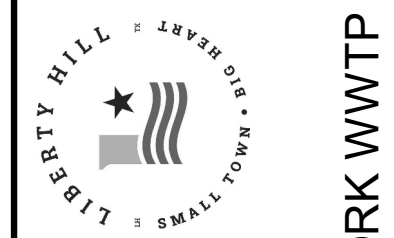


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1	09/18/26	ADDENDUM NO.4	NER



CITY OF LIBERTY HILL
LIBERTY HILL, TX

LIBERTY HILL NORTH FORK WWTP

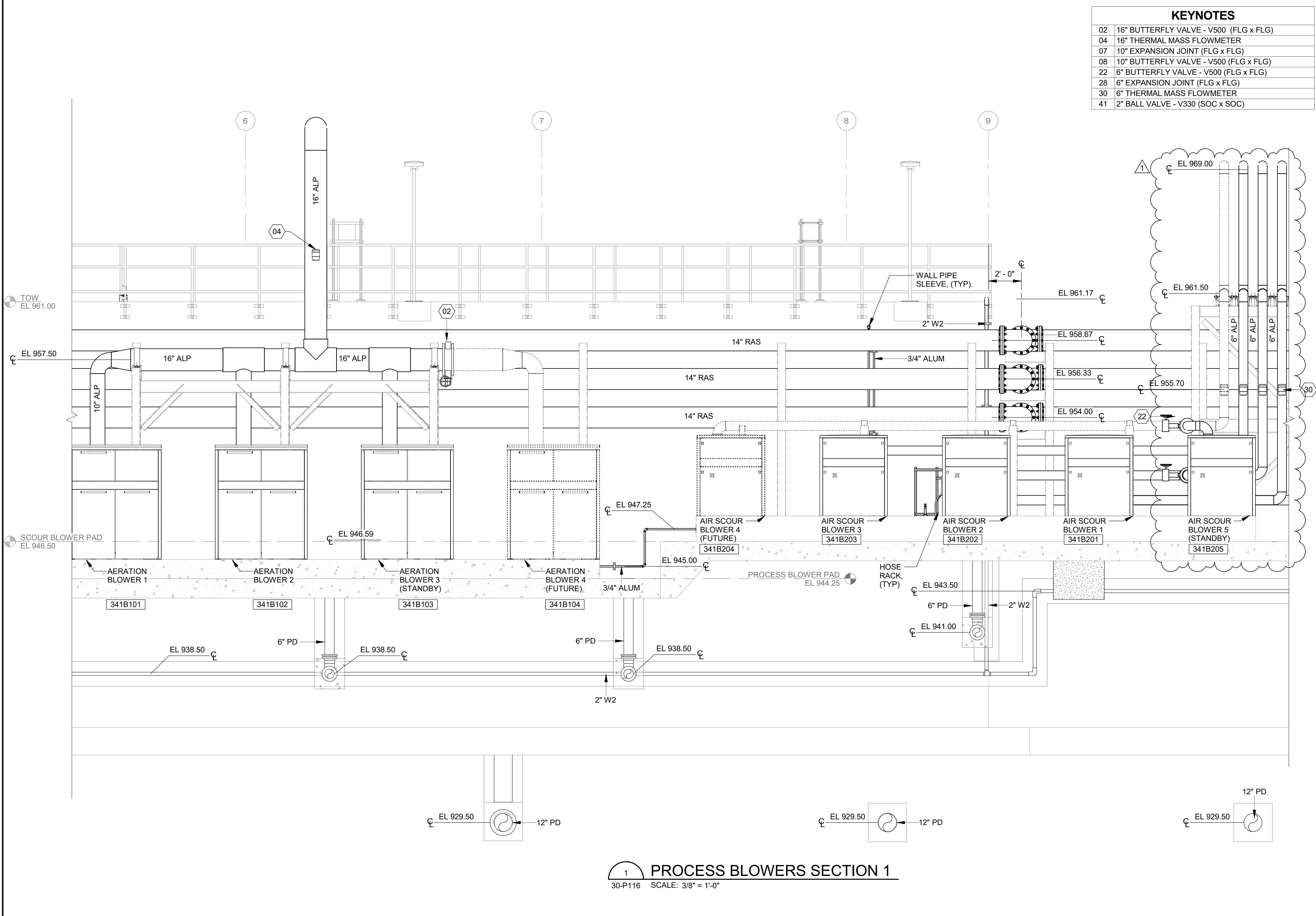
MBR BASIN SECTIONS

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: AOL
DRAWN BY: CIW
CHECKED BY: NER

BAR IS ONE INCH ON
ORIGINAL DRAWING 1"
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ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
30-P303
SHEET
NUMBER **289**

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Plot Date: 9/18/2026 6:51:24 AM



1 PROCESS BLOWERS SECTION 1
30-P116 SCALE: 3/8" = 1'-0"

KEYNOTES	
02	16" BUTTERFLY VALVE - V500 (FLG x FLG)
04	16" THERMAL MASS FLOWMETER
07	10" EXPANSION JOINT (FLG x FLG)
08	10" BUTTERFLY VALVE - V500 (FLG x FLG)
22	6" BUTTERFLY VALVE - V500 (FLG x FLG)
28	6" EXPANSION JOINT (FLG x FLG)
30	6" THERMAL MASS FLOWMETER
41	2" BALL VALVE - V330 (SOC x SOC)

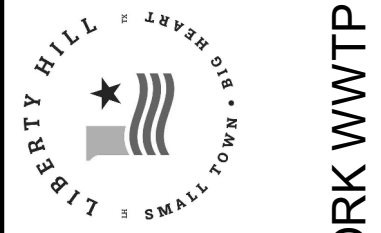


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REGISTRATION NO.
F-5713



REV	DATE	DESCRIPTION	BY
1	09/18/26	ADDENDUM NO.4	NER



CITY OF LIBERTY HILL
LIBERTY HILL, TX
LIBERTY HILL NORTH FORK WWTP

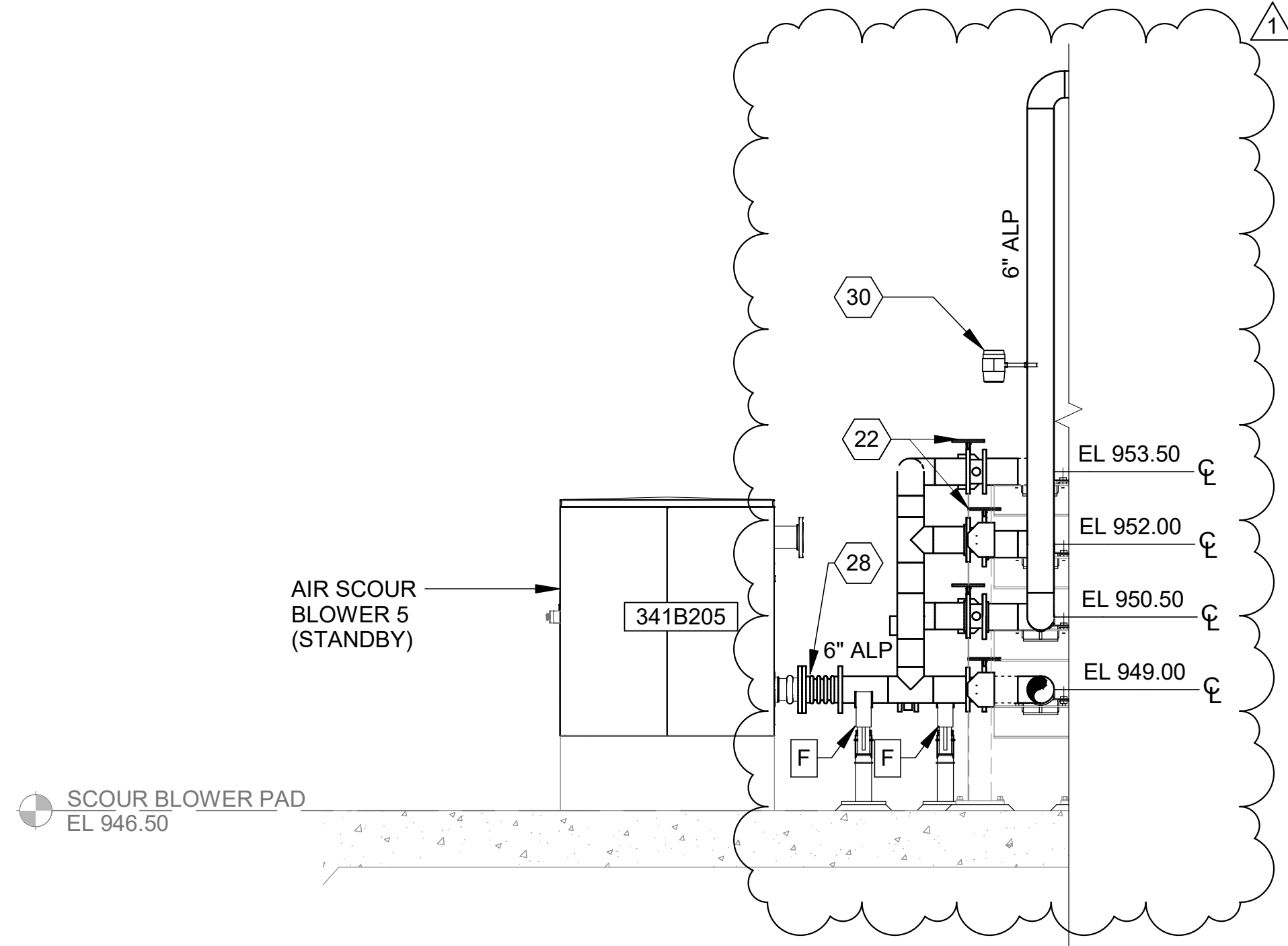
PROCESS BLOWERS
SECTIONS

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: AOL
DRAWN BY: CIW
CHECKED BY: NER

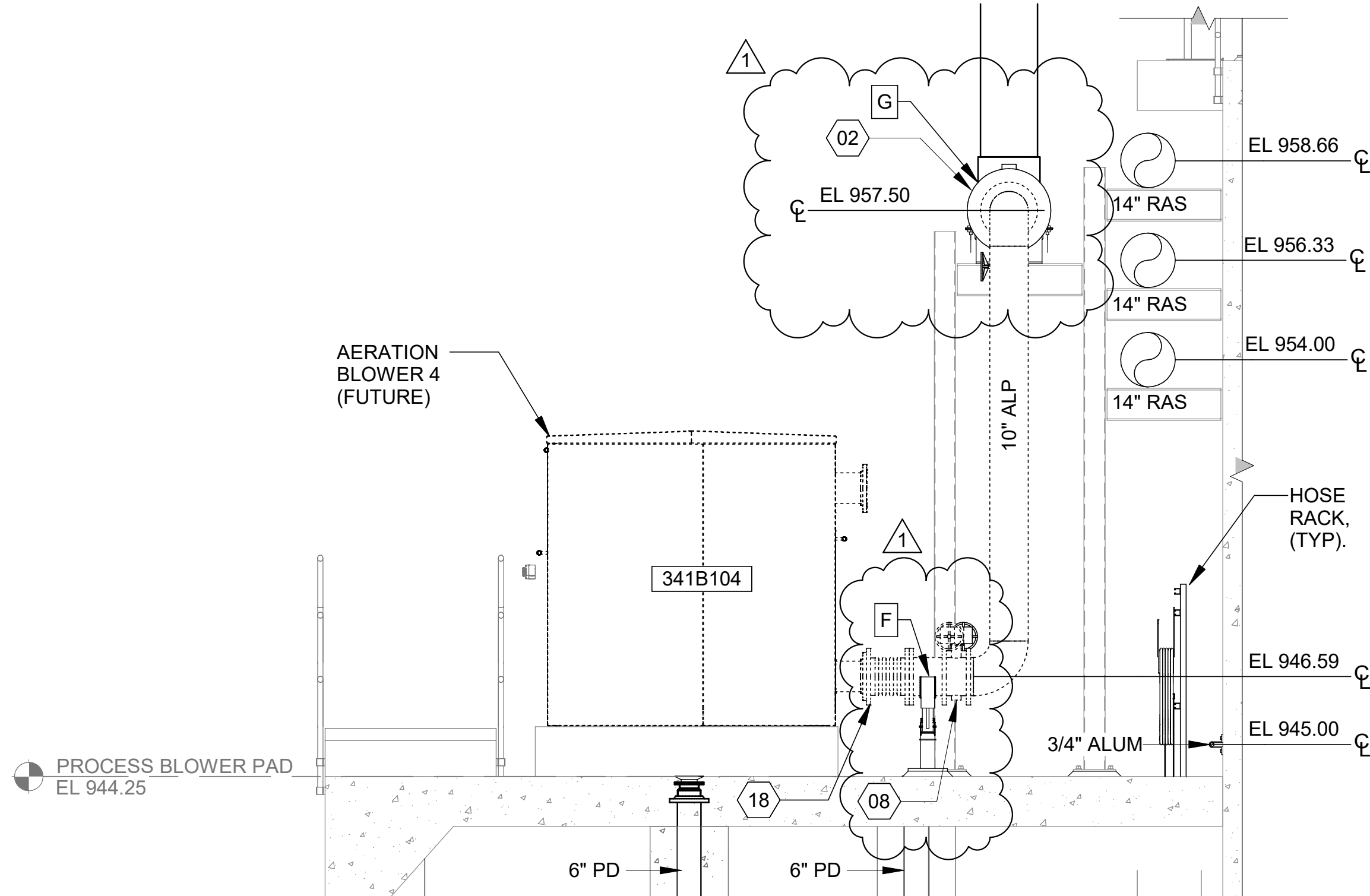
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DRAWING NUMBER
30-P304
SHEET
NUMBER **290**

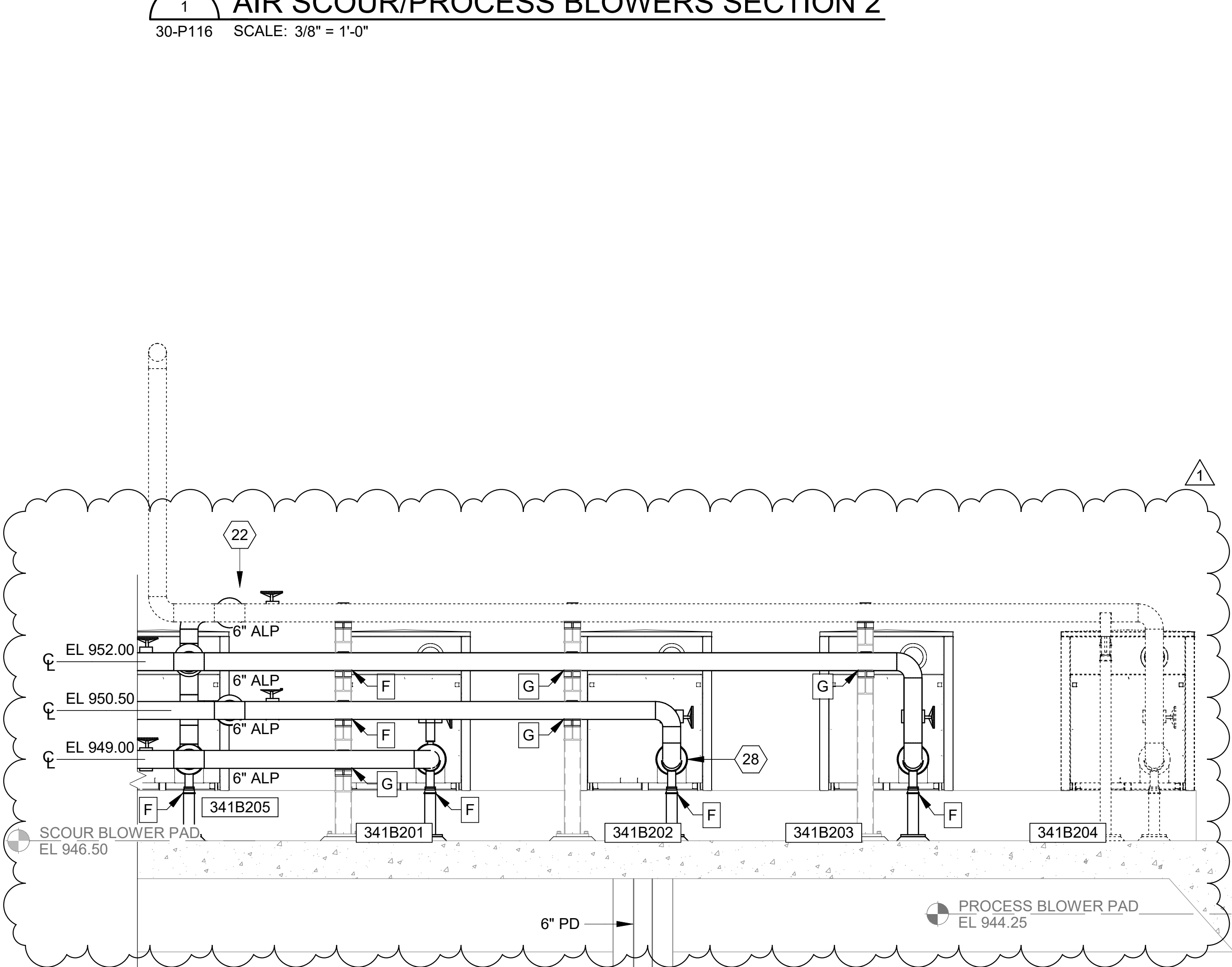
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Plot Date: 9/18/2026 6:51:31 AM



1 AIR SCOUR/PROCESS BLOWERS SECTION 2
30-P116 SCALE: 3/8" = 1'-0"



2 PROCESS BLOWERS SECTION 3
30-P116 SCALE: 3/8" = 1'-0"



3 PROCESS BLOWERS SECTION 4
30-P116 SCALE: 3/8" = 1'-0"

KEYNOTES	
02	16" BUTTERFLY VALVE - V500 (FLG x FLG)
04	16" THERMAL MASS FLOWMETER
07	10" EXPANSION JOINT (FLG x FLG)
08	10" BUTTERFLY VALVE - V500 (FLG x FLG)
22	6" BUTTERFLY VALVE - V500 (FLG x FLG)
28	6" EXPANSION JOINT (FLG x FLG)
30	6" THERMAL MASS FLOWMETER

NOTES:

- GUIDING SUPPORT SHALL BE A STAINLESS STEEL SADDLE PIPE SUPPORT WITH A PTFE SLIDE PLATE AND A STAINLESS STEEL U-BOLT WITH A 1/4" GAP ON ALL SIDES UNLESS NOTED OTHERWISE.
- FIXED SUPPORT SHALL BE A STAINLESS STEEL PIPE SUPPORT WELDED TO THE PIPE TO PREVENT LATERAL AND AXIAL MOVEMENT OF THE PIPE.
- SEE SECTION 40 05 07 FOR ADDITIONAL PIPE SUPPORT REQUIREMENTS.

PIPE SUPPORT LEGEND:

- F** FIXED SUPPORT
G GUIDING SUPPORT

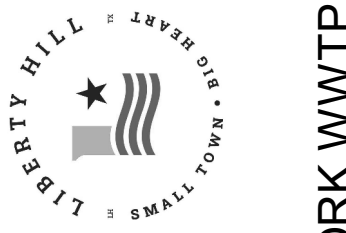


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1	09/18/26	ADDENDUM NO. 4	NER



CITY OF LIBERTY HILL
LIBERTY HILL, TX

LIBERTY HILL NORTH FORK WWTP

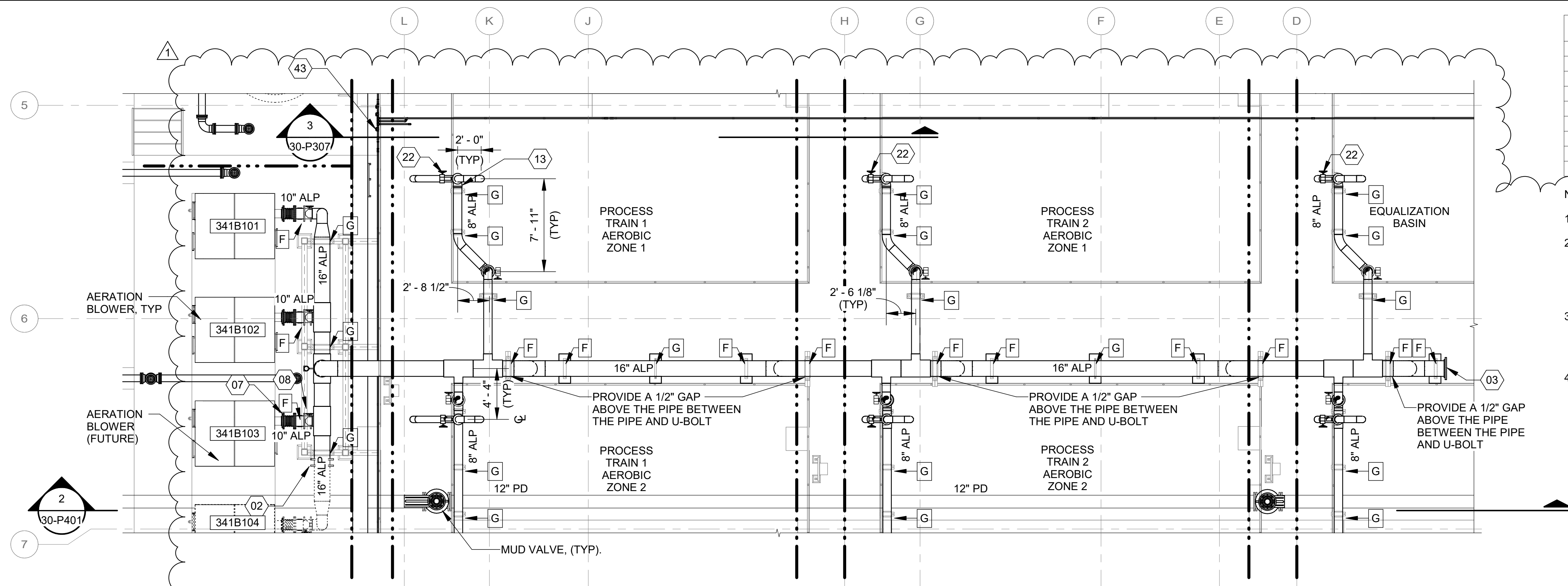
PROCESS BLOWERS
SECTIONS 2

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: AOL
DRAWN BY: CIW
CHECKED BY: NER

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DRAWING NUMBER
30-P305
SHEET NUMBER
291

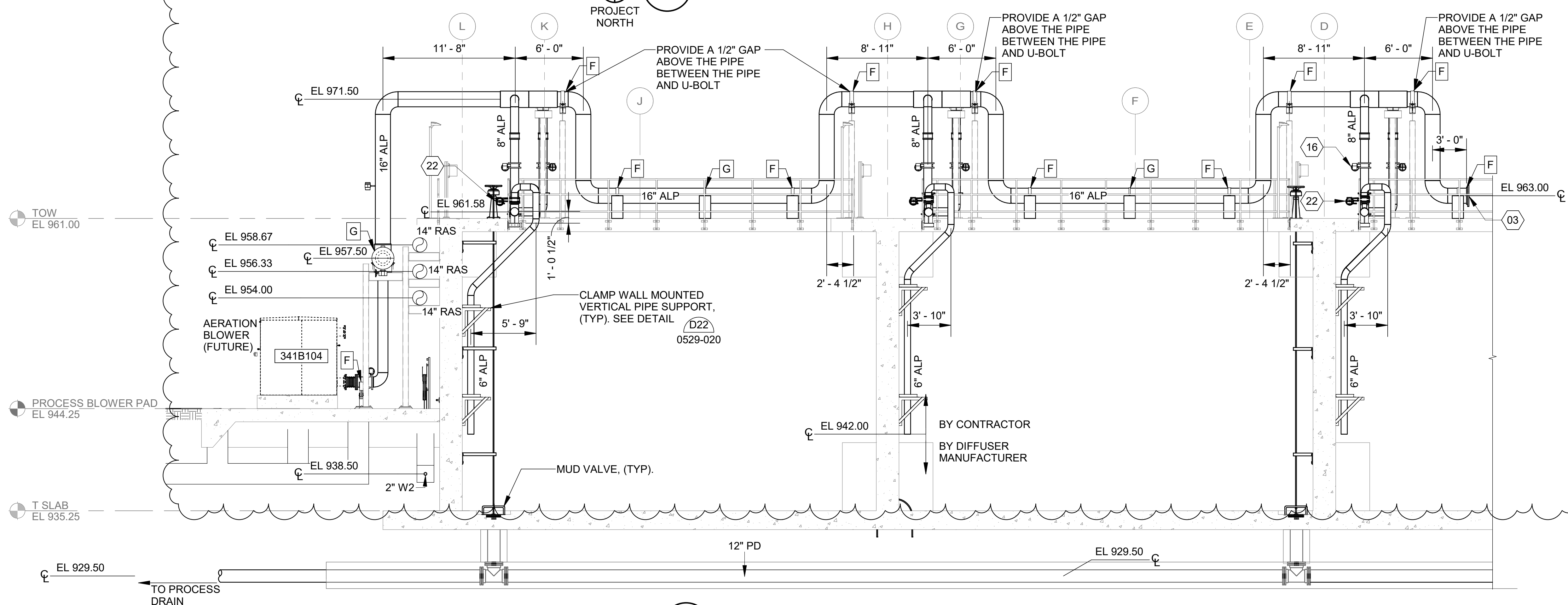
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Plot Date: 9/18/2026 10:56:32 AM



1
30-P401

ENLARGED AIR PIPE SUPPORT PLAN

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



2
30-P103

AIR PIPE SUPPORT SECTION

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

KEYNOTES

02	16" BUTTERFLY VALVE - V500 (FLG x FLG)
03	16" CAP
04	16" THERMAL MASS FLOWMETER
07	10" EXPANSION JOINT (FLG x FLG)
08	10" BUTTERFLY VALVE - V500 (FLG x FLG)
13	8" X 6" REDUCING ELBOW (WLD x WLD)
16	8" BUTTERFLY VALVE - V500 (FLG x FLG)
22	6" BUTTERFLY VALVE - V500 (FLG x FLG)
43	3/4" BALL VALVE - V330 (SOC x SOC)

NOTES:

- DIFFUSERS NOT SHOWN FOR CLARITY
- GUIDING SUPPORT SHALL BE A STAINLESS STEEL SADDLE PIPE SUPPORT WITH A PTFE SLIDE PLATE AND A STAINLESS STEEL U-BOLT OR STRAP WITH A 1/4" GAP ON ALL SIDES UNLESS NOTED OTHERWISE.
- FIXED SUPPORT SHALL BE A STAINLESS STEEL PIPE SUPPORT WELDED TO THE PIPE TO PREVENT LATERAL AND AXIAL MOVEMENT OF THE PIPE.
- SEE SECTION 40 05 07 FOR ADDITIONAL PIPE SUPPORT REQUIREMENTS.

PIPE SUPPORT LEGEND:

F	FIXED SUPPORT
G	GUIDING SUPPORT



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BY	NER
DESCRIPTION	ADDENDUM NO. 4
DATE	09/18/26
REV	1

CITY OF LIBERTY HILL
LIBERTY HILL, TX

LIBERTY HILL
LIBERTY HILL, TX

LIBERTY HILL NORTH FORK WWTP

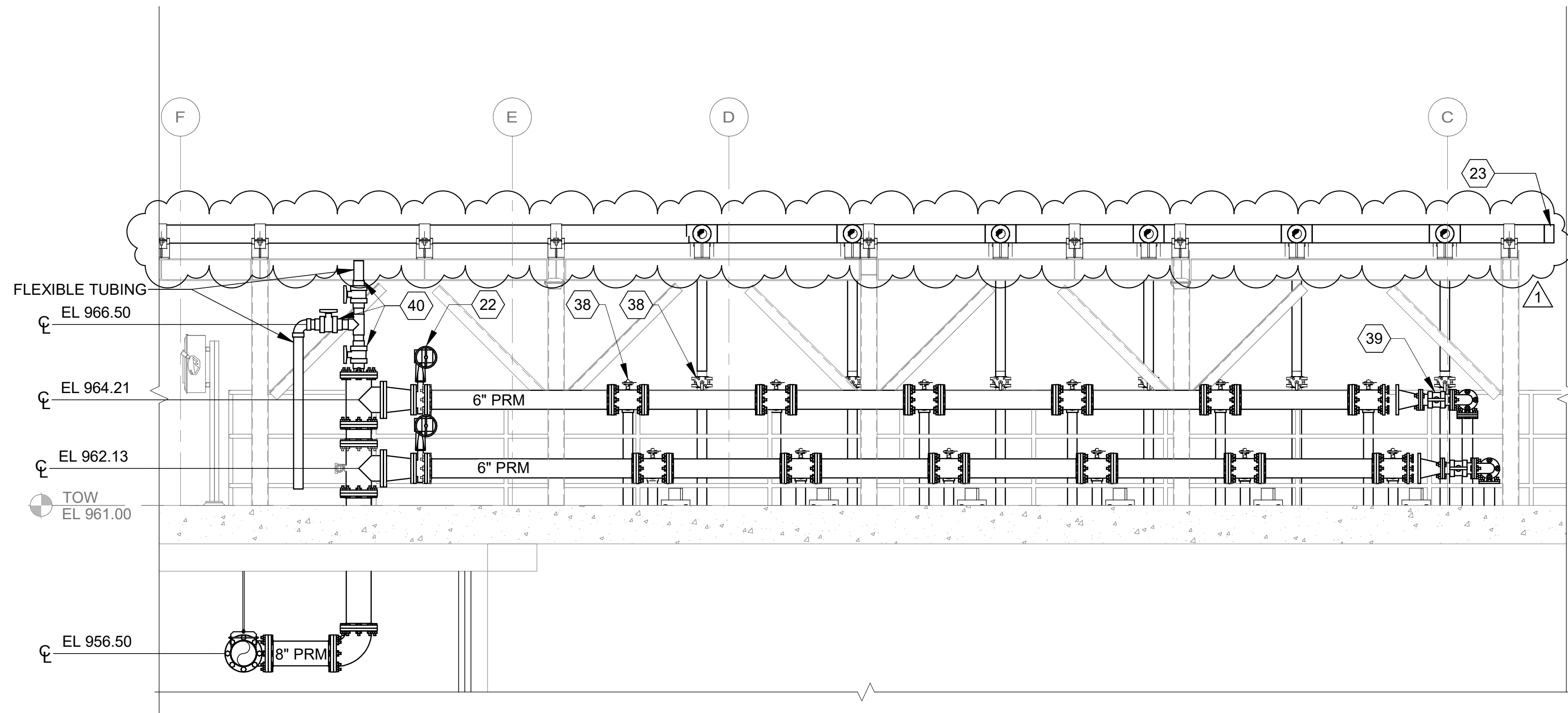
AIR PIPE SUPPORT
ENLARGED PLAN

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: AOL
DRAWN BY: CIW
CHECKED BY: NER

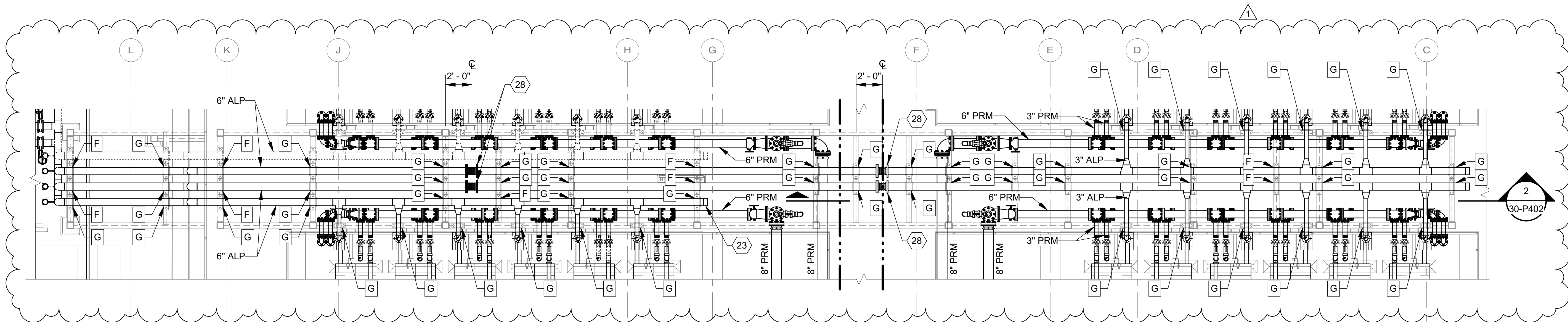
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DRAWING NUMBER
30-P401
SHEET NUMBER
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Plot Date: 9/18/2026 6:52:34 AM



2 MBR SUCTION HEADER
30-P113 SCALE: 3/8" = 1'-0"



1 ENLARGED AIR SCOUR PIPE SUPPORT PLAN
30-P402 SCALE: 1/4" = 1'-0"
PROJECT NORTH

KEYNOTES

22	6" BUTTERFLY VALVE - V500 (FLG x FLG)
23	6" CAP
28	6" EXPANSION JOINT (FLG x FLG)
30	6" THERMAL MASS FLOWMETER
38	3" BUTTERFLY VALVE - V510 (FLG x FLG)
39	3" BALL VALVE - V330 (FLG x FLG)
40	3" BALL VALVE - V330 (SOC x SOC)

NOTES:

1. DIFFUSERS NOT SHOWN FOR CLARITY
2. GUIDING SUPPORT SHALL BE A STAINLESS STEEL SADDLE PIPE SUPPORT WITH A PTFE SLIDE PLATE AND A STAINLESS STEEL U-BOLT WITH A 1/4" GAP ON ALL SIDES UNLESS NOTED OTHERWISE.
3. FIXED SUPPORT SHALL BE A STAINLESS STEEL PIPE SUPPORT WELDED TO THE PIPE TO PREVENT LATERAL AND AXIAL MOVEMENT OF THE PIPE.
4. SEE SECTION 40 05 07 FOR ADDITIONAL PIPE SUPPORT REQUIREMENTS.

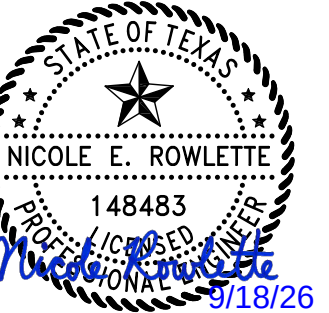
PIPE SUPPORT LEGEND:

F	FIXED SUPPORT
G	GUIDING SUPPORT

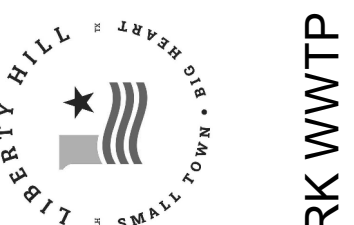


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CITY OF LIBERTY HILL
LIBERTY HILL, TX
LIBERTY HILL NORTH FORK WWTP

AIR PIPE SUPPORT
ENLARGED PLAN 2

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: AOL
DRAWN BY: CIW
CHECKED BY: NER

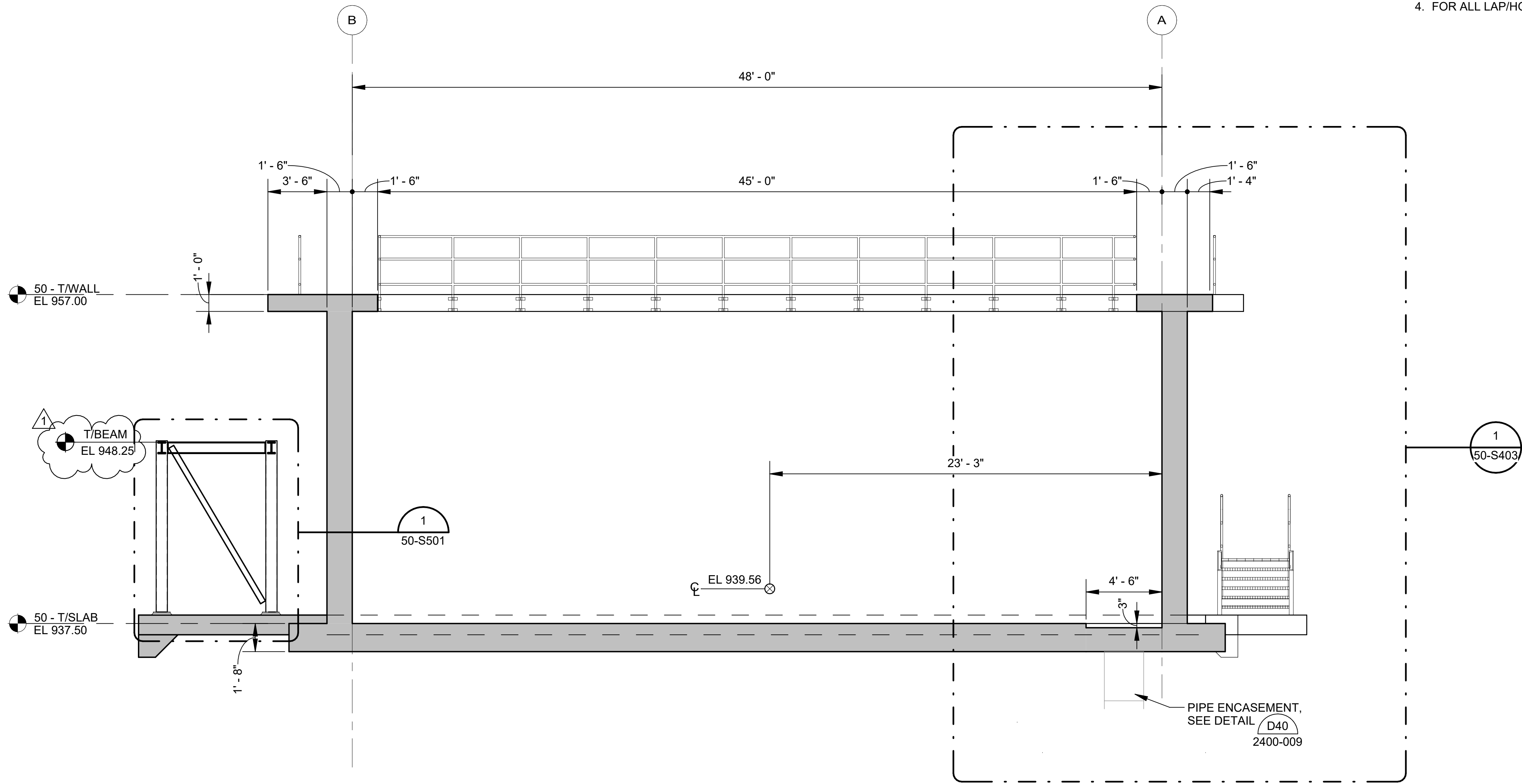
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DRAWING NUMBER

30-P402

SHEET
NUMBER **297**

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Plot Date: 9/17/2026 4:58:02 PM

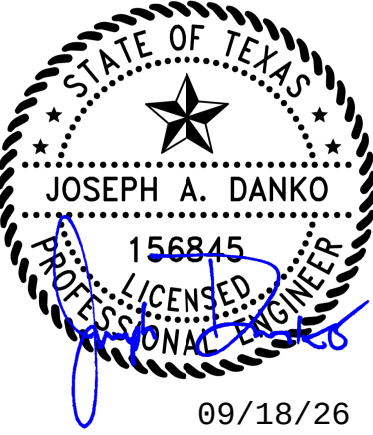


- NOTES:
- GC TO COORDINATE DIMENSION WITH THE EQUIPMENT MANUFACTURER.
 - COORDINATE WALL AND SLAB OPENINGS WITH OTHER DISCIPLINE DRAWINGS.
 - REFER TO PROCESS MECHANICAL DRAWINGS FOR ADDITIONAL PIPE PENETRATION DETAILS, FOR REINFORCEMENT AT ALL OPENINGS CONCRETE WALL/SLABS, SEE DETAIL D03 3000-600
 - FOR ALL LAP/HOOK LENGTHS, SEE DETAILS D03 3000-100C



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1	09/18/26	ADDENDUM 4	JAD



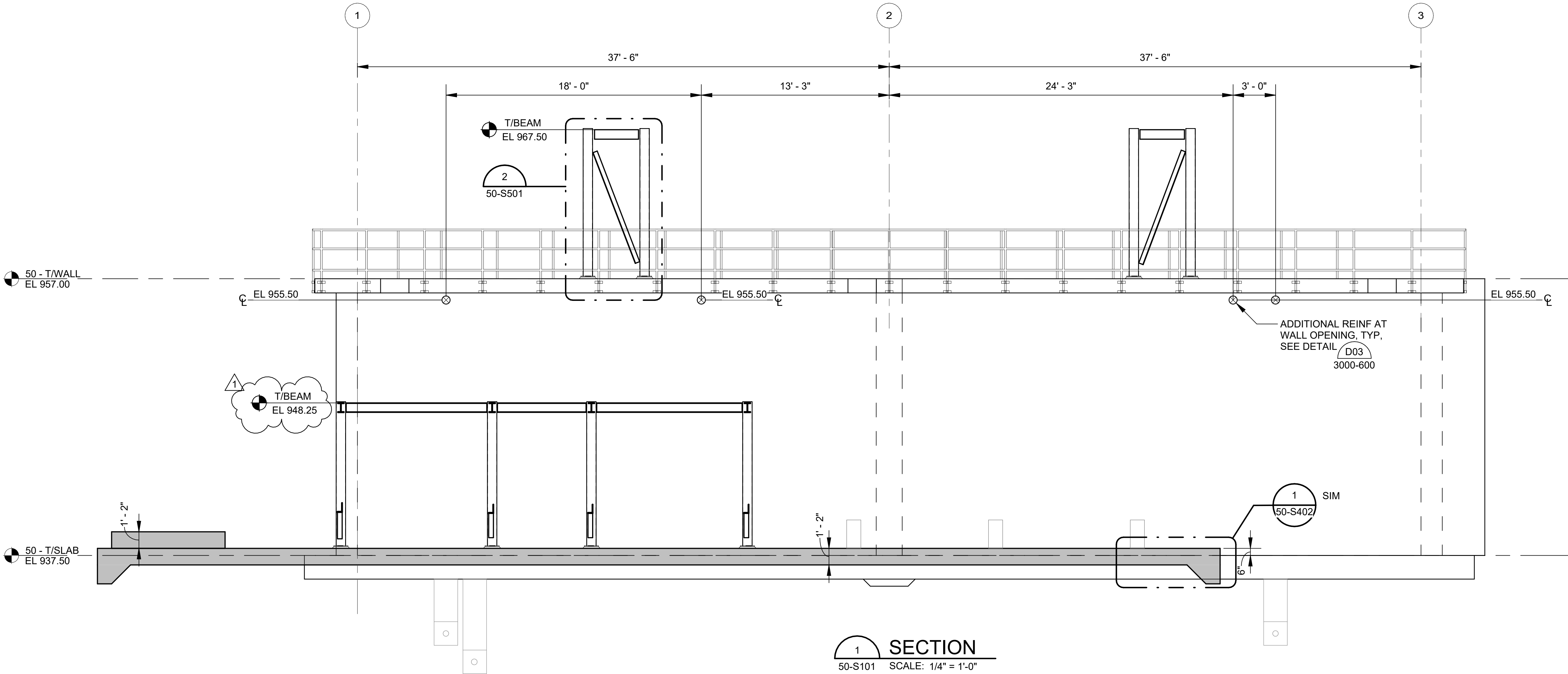
AERATED SLUDGE
HOLDING TANKS
SECTION

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: JAD
DRAWN BY: EL
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DRAWING NUMBER
50-S302
SHEET
NUMBER **376**

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Plot Date: 9/17/2026 4:58:02 PM



- NOTES:
- GC TO COORDINATE DIMENSION WITH THE EQUIPMENT MANUFACTURER.
 - COORDINATE WALL AND SLAB OPENINGS WITH OTHER DISCIPLINE DRAWINGS.
 - REFER TO PROCESS MECHANICAL DRAWINGS FOR ADDITIONAL PIPE PENETRATION DETAILS, FOR REINFORCEMENT AT ALL OPENINGS CONCRETE WALL/SLABS, SEE DETAIL **D03** 3000-600
 - FOR ALL LAP/HOOK LENGTHS, SEE DETAILS **D03** 3000-100C

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STATE OF TEXAS
JOSEPH A. DANKO
156845
LICENSED PROFESSIONAL ENGINEER
09/18/26

REV	DATE	DESCRIPTION	BY
1	09/18/26	ADDENDUM 4	JAD

CITY OF LIBERTY HILL
LIBERTY HILL, TX

LIBERTY HILL - SEVEN OAK - SMALL TOWN

LIBERTY HILL NORTH FORK WWTP

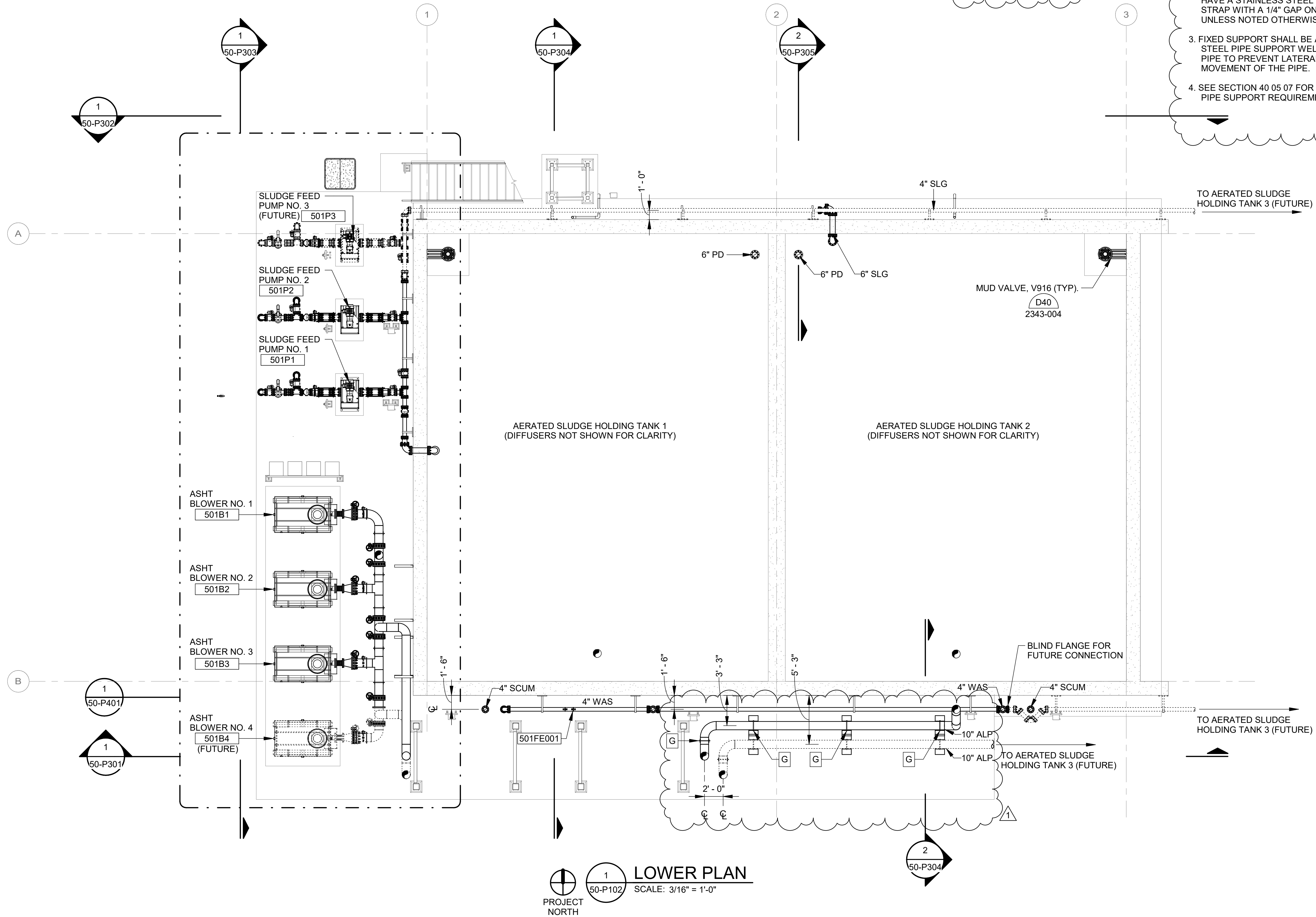
AERATED SLUDGE
HOLDING TANKS
SECTION

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: JAD
DRAWN BY: EL
CHECKED BY: YT

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DRAWING NUMBER
50-S303
SHEET NUMBER **377**

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Plot Date: 9/18/2026 9:08:56 AM



PIPE SUPPORT LEGEND:

G GUIDING SUPPORT

F FIXED SUPPORT

NOTES:

1. DIFFUSER NOT SHOWN FOR CLARITY.
2. GUIDING SUPPORT SHALL BE A STAINLESS STEEL SADDLE PIPE SUPPORT WITH A PTFE SLIDE PLATE. THE SUPPORT SHALL HAVE A STAINLESS STEEL U-BOLT OR STRAP WITH A 1/4" GAP ON ALL SIDES UNLESS NOTED OTHERWISE.
3. FIXED SUPPORT SHALL BE A STAINLESS STEEL PIPE SUPPORT WELDED TO THE PIPE TO PREVENT LATERAL AND AXIAL MOVEMENT OF THE PIPE.
4. SEE SECTION 40 05 07 FOR ADDITIONAL PIPE SUPPORT REQUIREMENTS.

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DATE	09/18/26		
REV	1		

CITY OF LIBERTY HILL
LIBERTY HILL, TX

LIBERTY HILL NORTH FORK WWTP

AERATED SLUDGE HOLDING TANKS
LOWER PLAN

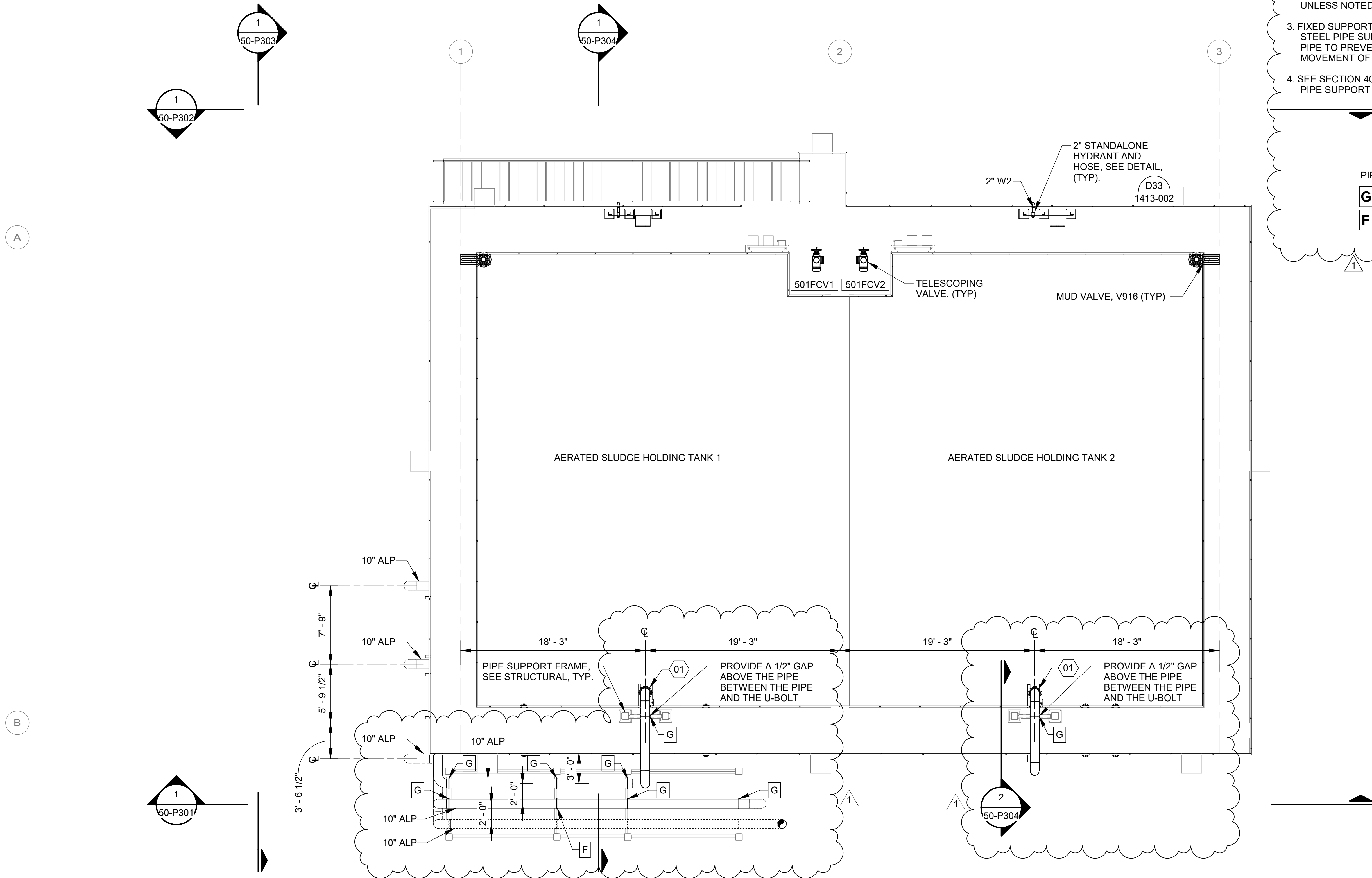
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DATE: AUG. 2026
DESIGNED BY: FG
DRAWN BY: CIW
CHECKED BY: NER

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DRAWING NUMBER
50-P102

SHEET NUMBER
384

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Plot Date: 9/18/2026 9:09:08 AM



KEYNOTES	
01	10" BUTTERFLY VALVE V500 (FLG x FLG)

- NOTES:
1. DIFFUSER NOT SHOWN FOR CLARITY.
 2. GUIDING SUPPORT SHALL BE A STAINLESS STEEL SADDLE PIPE SUPPORT WITH A PTFE SLIDE PLATE. THE SUPPORT SHALL HAVE A STAINLESS STEEL U-BOLT OR STRAP WITH A 1/4" GAP ON ALL SIDES UNLESS NOTED OTHERWISE.
 3. FIXED SUPPORT SHALL BE A STAINLESS STEEL PIPE SUPPORT WELDED TO THE PIPE TO PREVENT LATERAL AND AXIAL MOVEMENT OF THE PIPE.
 4. SEE SECTION 40 05 07 FOR ADDITIONAL PIPE SUPPORT REQUIREMENTS.

PIPE SUPPORT LEGEND:

- G** GUIDING SUPPORT
F FIXED SUPPORT



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CITY OF LIBERTY HILL
LIBERTY HILL, TX
LIBERTY HILL NORTH FORK WWTP

AERATED SLUDGE
HOLDING TANKS
UPPER PLAN

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: FG
DRAWN BY: CIW
CHECKED BY: NER

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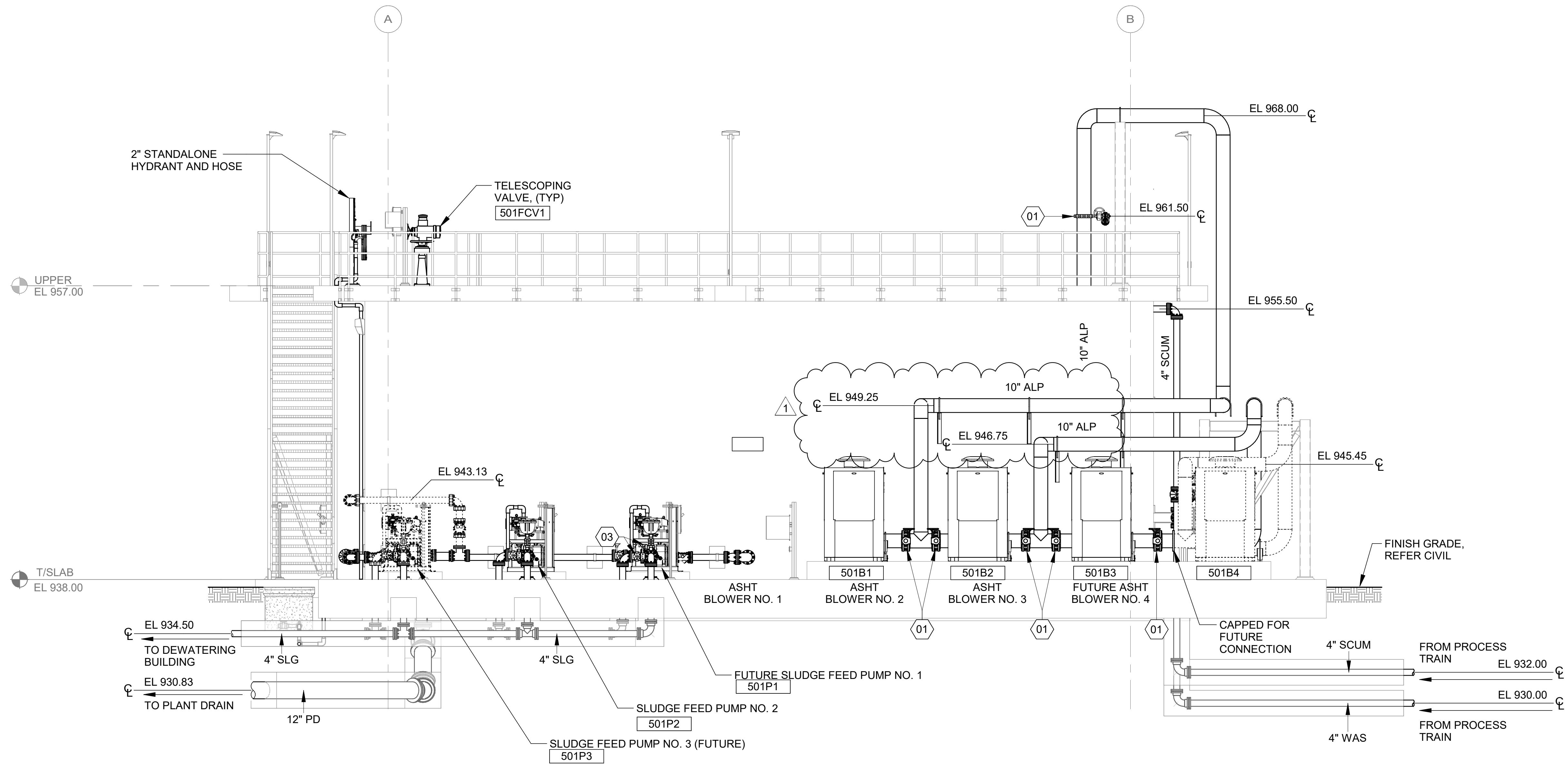
DRAWING NUMBER

50-P103

SHEET
NUMBER **385**

PROJECT
NORTH
1
50-P103
UPPER PLAN
SCALE: 3/16" = 1'-0"

Revit File: Autodesk Docs\\W07-2401219 - Liberty Hill North Fork WWTP Design\\W07-2401219_50_AERATED SLUDGE HOLDING TANKS_PROCESS.rvt
Plot Date: 9/18/2026 9:09:41 AM



KEYNOTES	
01	10" BUTTERFLY VALVE V500 (FLG x FLG)
02	4" X 6" CONCENTRIC REDUCER (FLG X FLG)
03	4" PLUG VALVE - HANDWHEEL - V405 (FLG x FLG)
04	4" PLUG VALVE - MOTOR ACTUATED - V405 (FLG x FLG)
05	4" DISMANTLING JOINT (FLG x FLG)
06	4" CHECK VALVE V605 (FLG x FLG)
07	6" EXPANSION JOINT (FLG x FLG)
08	4" EQUIPMENT CONNECTION FITTING (FLG x FLG)
09	2" BALL VALVE V330 (SOC x SOC)



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BY	NER		
DESCRIPTION	ADDENDUM NO. 4		
DATE	09/18/26		
REV	1		



CITY OF LIBERTY HILL
LIBERTY HILL, TX

LIBERTY HILL NORTH FORK WWTP

AERATED SLUDGE
HOLDING TANKS
SECTIONS 3

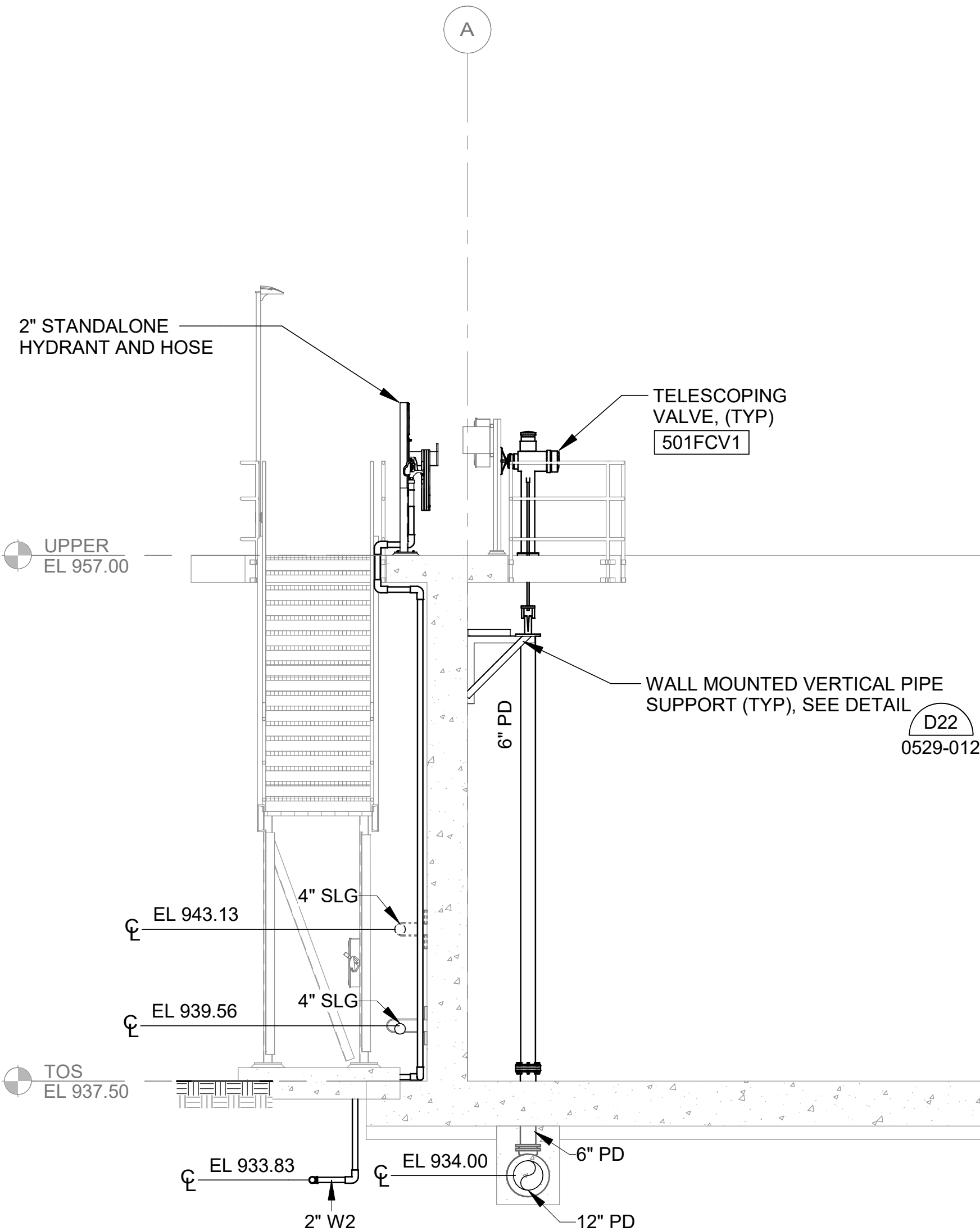
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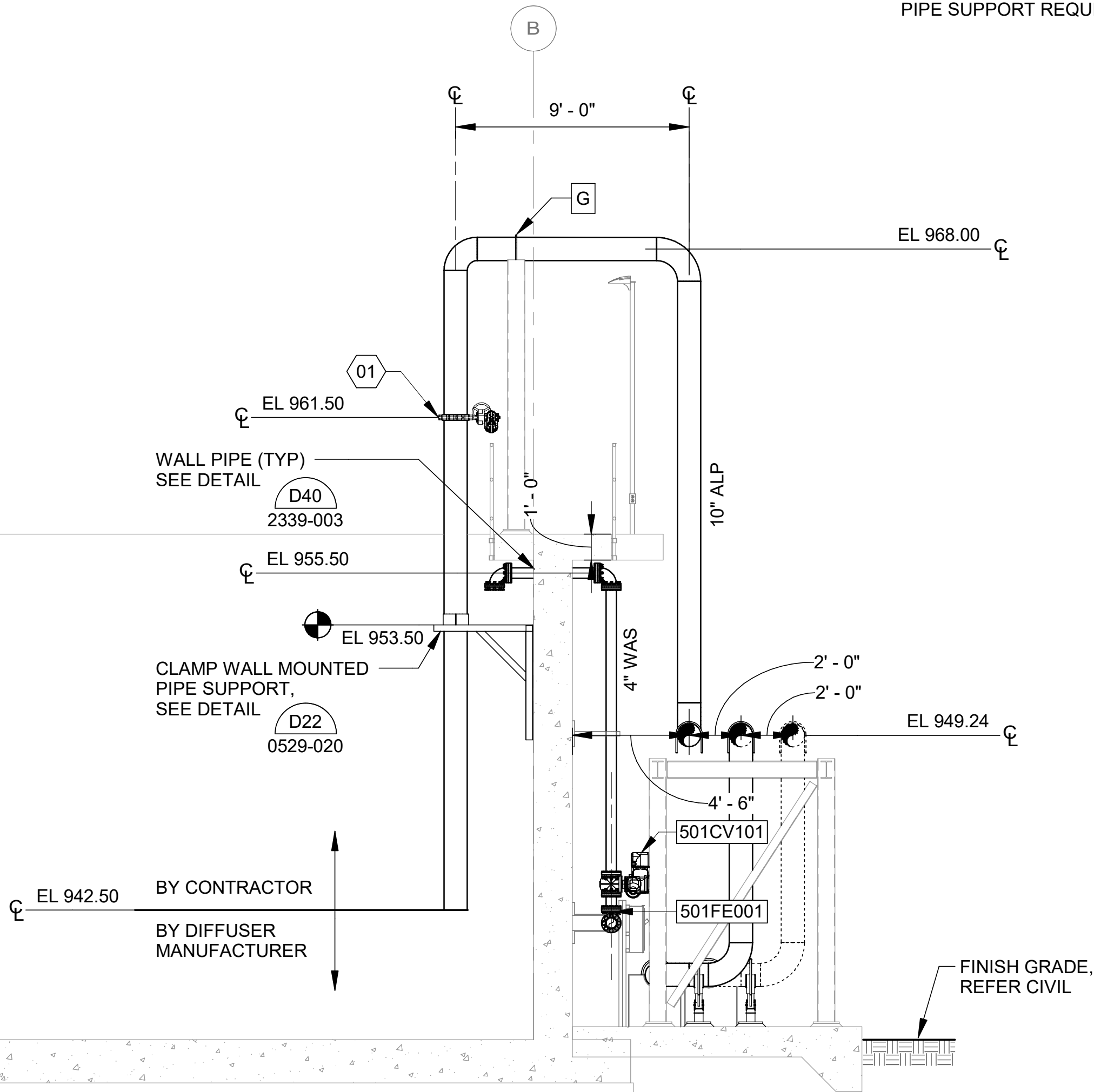
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Plot Date: 9/18/2026 9:09:52 AM



1 SECTION AT TELESCOPING VALVE
50-P102 SCALE: 1/4" = 1'-0"



2 SECTION AT DIFFUSER PIPE
50-P102 SCALE: 1/4" = 1'-0"

PIPE SUPPORT LEGEND:

- G** GUIDING SUPPORT
F FIXED SUPPORT

NOTES:

1. GUIDING SUPPORT SHALL BE A STAINLESS STEEL SADDLE PIPE SUPPORT WITH A PTFE SLIDE PLATE. THE SUPPORT SHALL HAVE A STAINLESS STEEL U-BOLT OR STRAP WITH A 1/4" GAP ON ALL SIDES UNLESS NOTED OTHERWISE.
2. FIXED SUPPORT SHALL BE A STAINLESS STEEL PIPE SUPPORT WELDED TO THE PIPE TO PREVENT LATERAL AND AXIAL MOVEMENT OF THE PIPE.
3. SEE SECTION 40 05 07 FOR ADDITIONAL PIPE SUPPORT REQUIREMENTS.

KEYNOTES

01	10" BUTTERFLY VALVE V500 (FLG x FLG)
04	4" PLUG VALVE - MOTOR ACTUATED - V405 (FLG x FLG)



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F-5713



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CITY OF LIBERTY HILL
LIBERTY HILL, TX
LIBERTY HILL NORTH FORK WWTP

AERATED SLUDGE
HOLDING TANKS
SECTIONS 4

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: FG
DRAWN BY: CIW
CHECKED BY: NER

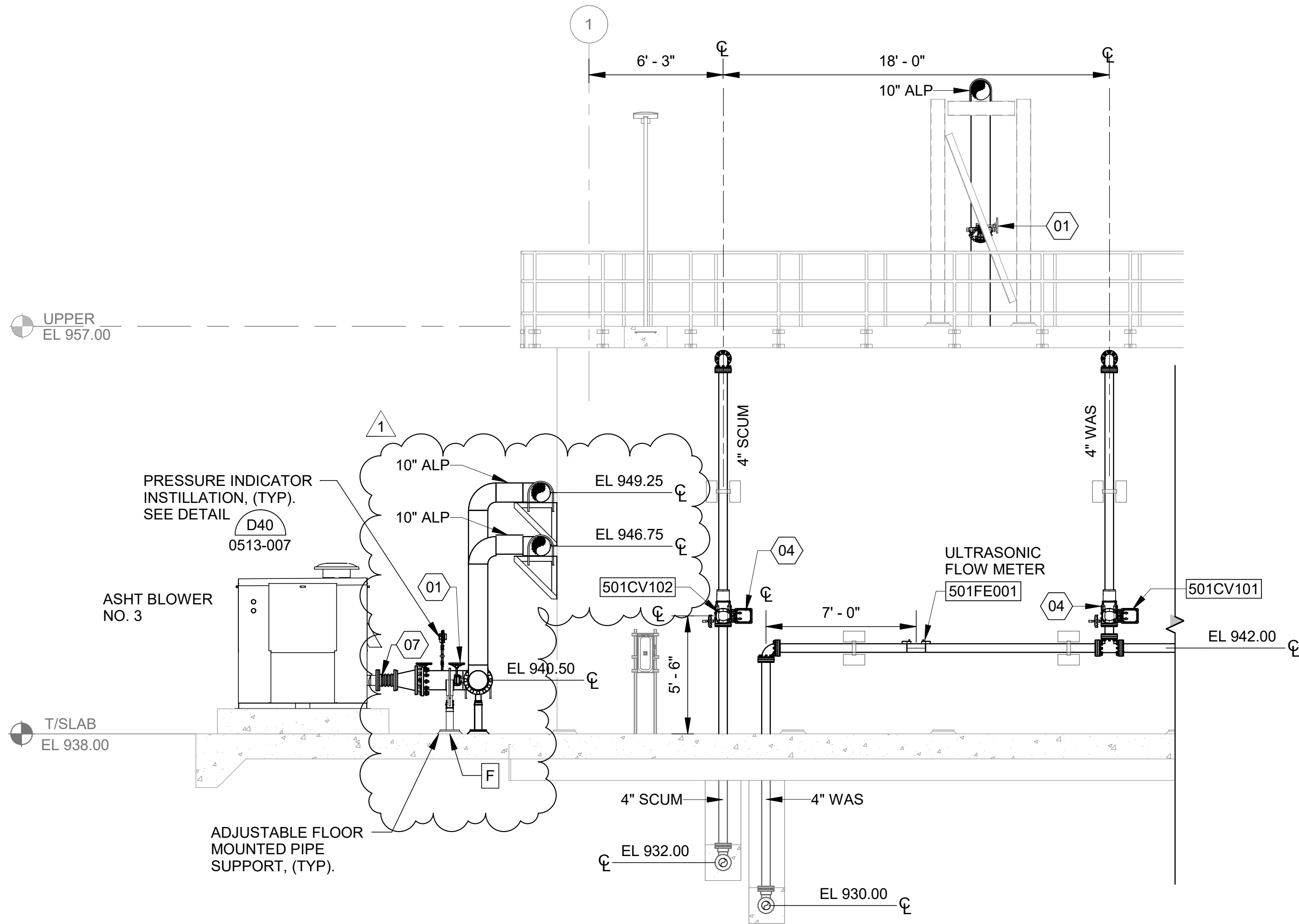
BAR IS ONE INCH ON
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DRAWING NUMBER

50-P304

SHEET
NUMBER **389**

Revit File: Autodeskt Docs\\W07-2401219 - Liberty Hill North Fork WWTP Design\\W07-2401219_50_AERATED SLUDGE HOLDING TANKS_PROCESS.rvt
Plot Date: 9/18/2026 9:10:00 AM



1 SECTION AT WAS INFLUENT FLOW METER AND BLOWER
50-P401 SCALE: 1/4" = 1'-0"

PIPE SUPPORT LEGEND:

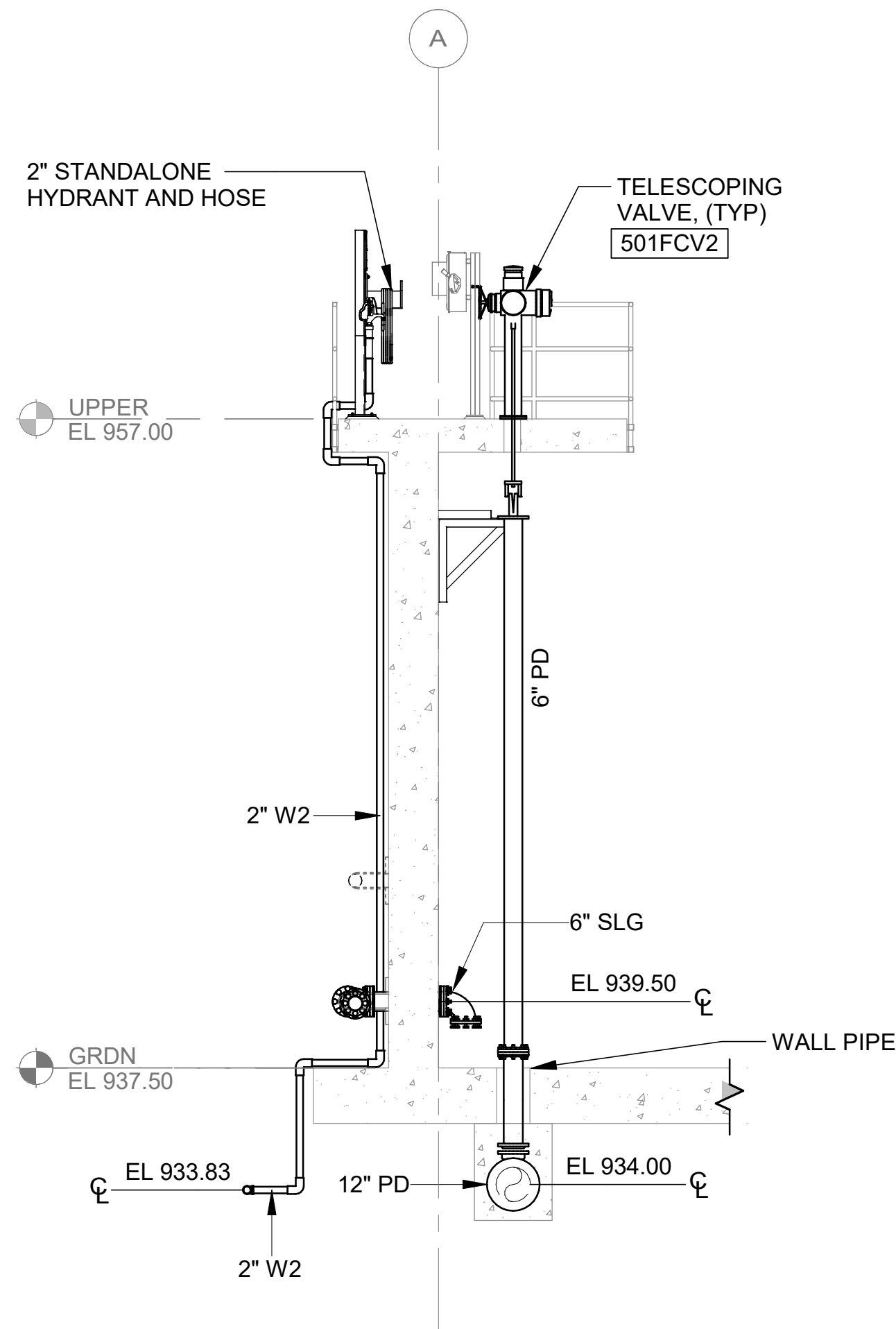
- G** GUIDING SUPPORT
F FIXED SUPPORT

NOTES:

1. GUIDING SUPPORT SHALL BE A STAINLESS STEEL SADDLE PIPE SUPPORT WITH A PTFE SLIDE PLATE. THE SUPPORT SHALL HAVE A STAINLESS STEEL U-BOLT OR STRAP WITH A 1/4" GAP ON ALL SIDES UNLESS NOTED OTHERWISE.
2. FIXED SUPPORT SHALL BE A STAINLESS STEEL PIPE SUPPORT WELDED TO THE PIPE TO PREVENT LATERAL AND AXIAL MOVEMENT OF THE PIPE.
3. SEE SECTION 40 05 07 FOR ADDITIONAL PIPE SUPPORT REQUIREMENTS.

KEYNOTES

01	10" BUTTERFLY VALVE V500 (FLG x FLG)
04	4" PLUG VALVE - MOTOR ACTUATED - V405 (FLG x FLG)
07	6" EXPANSION JOINT (FLG x FLG)

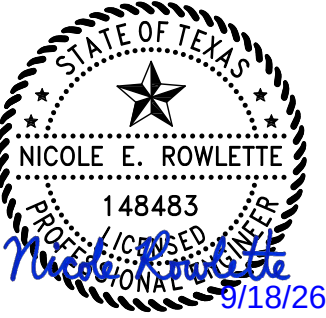


2 SECTION AT TELESCOPING VALVE AND HOSE BIB
50-P102 SCALE: 1/4" = 1'-0"



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REGISTRATION NO.
F-5713



REV	DATE	DESCRIPTION	BY
1	09/18/26	ADDENDUM NO. 4	NER



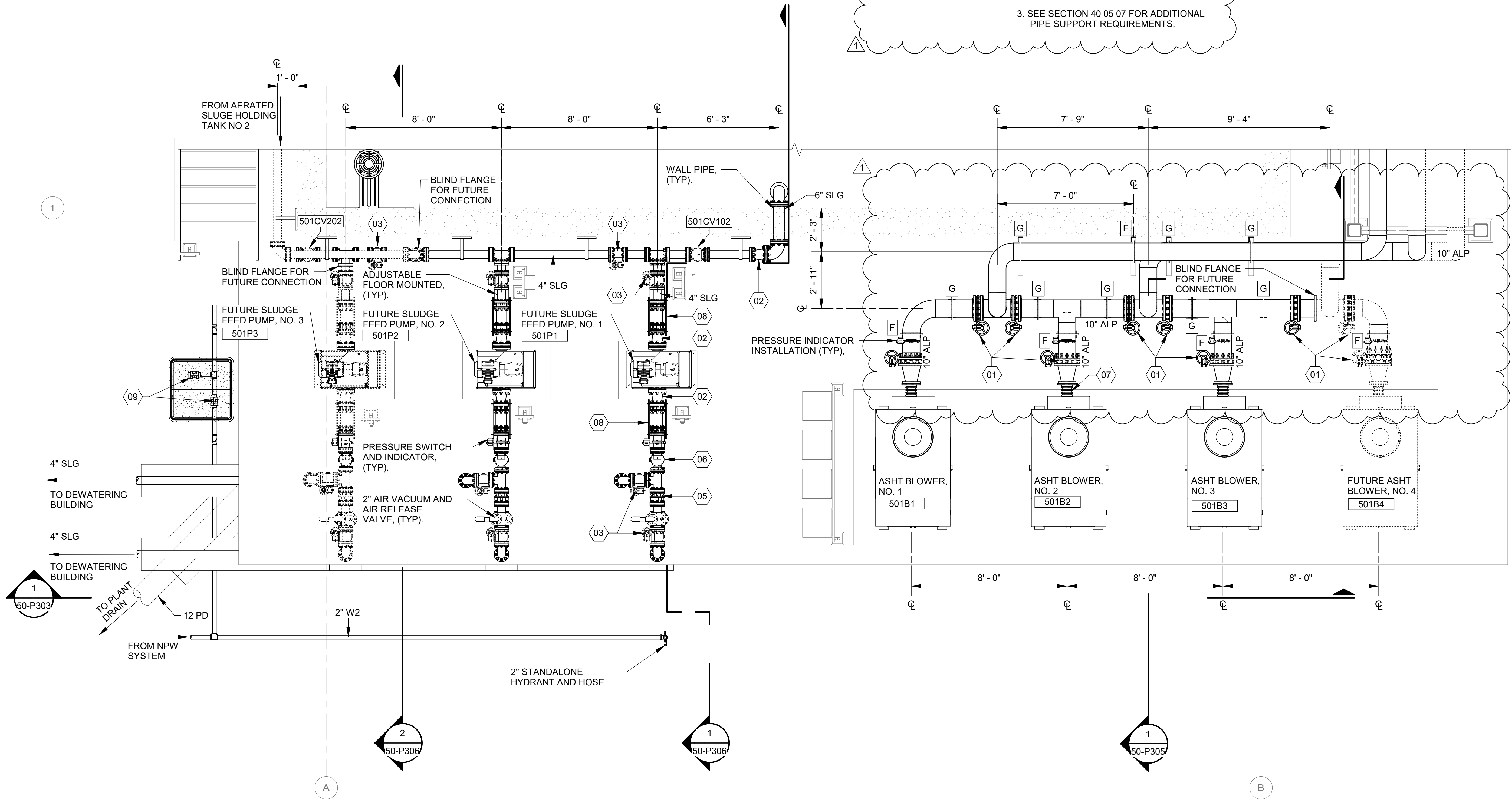
AERATED SLUDGE
HOLDING TANKS
SECTIONS 5

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: FG
DRAWN BY: ADA
CHECKED BY: NER

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DRAWING NUMBER
50-P305
SHEET
NUMBER **390**

Revit File: Autodesk Docs\\W07-2401219 - Liberty Hill North Fork WWTP Design\\W07-2401219_50_AERATED SLUDGE HOLDING TANKS_PROCESS.rvt
Plot Date: 9/18/2026 9:10:18 AM



PIPE SUPPORT LEGEND:

- G** GUIDING SUPPORT
F FIXED SUPPORT

NOTES:

1. GUIDING SUPPORT SHALL BE A STAINLESS STEEL SADDLE PIPE SUPPORT WITH A PTFE SLIDE PLATE. THE SUPPORT SHALL HAVE A STAINLESS STEEL U-BOLT OR STRAP WITH A 1/4" GAP ON ALL SIDES UNLESS NOTED OTHERWISE.
2. FIXED SUPPORT SHALL BE A STAINLESS STEEL PIPE SUPPORT WELDED TO THE PIPE TO PREVENT LATERAL AND AXIAL MOVEMENT OF THE PIPE.
3. SEE SECTION 40 05 07 FOR ADDITIONAL PIPE SUPPORT REQUIREMENTS.

KEYNOTES

01	10" BUTTERFLY VALVE V500 (FLG x FLG)
02	4" X 6" CONCENTRIC REDUCER (FLG x FLG)
03	4" PLUG VALVE - HANDWHEEL - V405 (FLG x FLG)
05	4" DISMANTLING JOINT (FLG x FLG)
06	4" CHECK VALVE V605 (FLG x FLG)
07	6" EXPANSION JOINT (FLG x FLG)
08	4" EQUIPMENT CONNECTION FITTING (FLG x FLG)
09	2" BALL VALVE V330 (SOC x SOC)



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REGISTRATION NO.
F-5713



REV	DATE	DESCRIPTION	BY
1	09/18/26	ADDENDUM NO. 4	NER



CITY OF LIBERTY HILL
LIBERTY HILL, TX

LIBERTY HILL NORTH FORK WWTP

PUMP AND BLOWER
PAD ENLARGED PLAN

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: NER
DRAWN BY: CIW
CHECKED BY: NER

BAR IS ONE INCH ON
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DRAWING NUMBER

50-P401

SHEET
NUMBER **392**



1
50-P401

ENLARGED LOWER PLAN AT FEED PUMPS AND BLOWERS

SCALE: 3/8" = 1'-0"

Revit File: Autodeskt Docs//W07-2401219 - Liberty Hill North Fork WWTP Design\W07-2401219_80_DEWATERING BUILDING_ARCHITECTURAL.rvt
Plot Date: 9/17/2026 3:57:44 PM

MATERIAL FINISH SCHEDULE

ID	MATERIAL	MANUFACTURER	MODEL	NOTES/REMARKS
CEILING				
C1	PAINTED STEEL CEILING	TNEMEC	TOPCOAT: TNEMEC SERIES1095 ENDURA-SHIELD POLYURETHANE	MINIMUM 2 - COAT SYSTEM (EPOXY + POLYURETHANE)
DOOR				
FRP	FIBERGLASS-REINFORCED PLASTIC	JAMISON DOORS	JAMOCOR	RE: DOOR SCHEDULES AND SPECS FOR ADDITIONAL INFORMATION
ISP	INSULATED STEEL PANEL	OVERHEAD DOOR	MODEL 242	RE: DOOR SCHEDULES AND SPECS FOR ADDITIONAL INFORMATION
STL	24 GAUGE STEEL	OVERHEAD DOOR	MODEL 242	RE: DOOR SCHEDULES AND SPECS FOR ADDITIONAL INFORMATION
FLOOR				
SC	CAST-IN-PLACE CONCRETE, COATED WITH GLOSS/NON-SKID CLEAR PROTECTIVE COATING	TNEMEC	SERIES 282	APPLY NON-SKID ADDITIVE IN TRAFFIC AREAS
PARAPET, FASCIA, GUTTERS, DOWNSPOUTS				
PMP	PREFINISHED METAL PANEL	PAC-CLAD	PAC-TITE	COLOR: WHITE
ROOF				
MPR	STANDING SEAM METAL ROOFING PANELS	BERRIDGE	CEE-LOCK PANEL	COLOR: ACRYLIC GALVALUME
SPMR	SINGLE-PLY PVC MEMBRANE ROOFING			COLOR: WHITE
WALL				
CMU	CONCRETE MASONRY UNITS	BEST BLOCK	STANDARD CMU	STANDARD FINISH CMU
CMV	SPLIT-FACE CONCRETE MASONRY VENEER	BEST BLOCK	SPLIT-FACE BLOCK	COLOR TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE
MWP	22GA. CORRUGATED METAL WALL PANEL, VERTICAL	BERRIDGE	HR-12	COLOR: SHASTA WHITE
P1	CMU COATED WITH HIGH SOLIDS EPOXY/ POLYURETHANE SYSTEM	RAVEN	410	USE BLOCK FILLER TO ENSURE PORES ARE COMPLETE FILLED

DOOR SCHEDULE

NO.	DOOR					FRAME		DETAILS			HARDWARE SET	DOOR NO.	REMARKS
	TYPE	WIDTH	HEIGHT	THICKNESS	MATERIAL	TYPE	MATERIAL	HEAD	JAMB	SILL			
104A	A	3' - 0"	7' - 0"	1 3/4"	FRP	FRP-1	FRP	2/60-A602	4/60-A602	7/60-A602	01	104A	
104B	A	3' - 0"	7' - 0"	1 3/4"	FRP	FRP-1	FRP	2/60-A602	4/60-A602	7/60-A602	01	104B	
104C	A	3' - 0"	7' - 0"	1 3/4"	FRP	FRP-1	FRP	2/60-A602	4/60-A602	7/60-A602	01	104C	
104D	E	12' - 0"	12' - 0"	2"	ISP	OH-1	STL	3/60-A602	5/60-A602 & 6/60-A602	8/60-A602	02	104D	
104E	A	3' - 0"	7' - 0"	1 3/4"	FRP	FRP-1	FRP	2/60-A602	4/60-A602	7/60-A602	01	104E	

DOOR HARDWARE SETS

HARDWARE SET 01

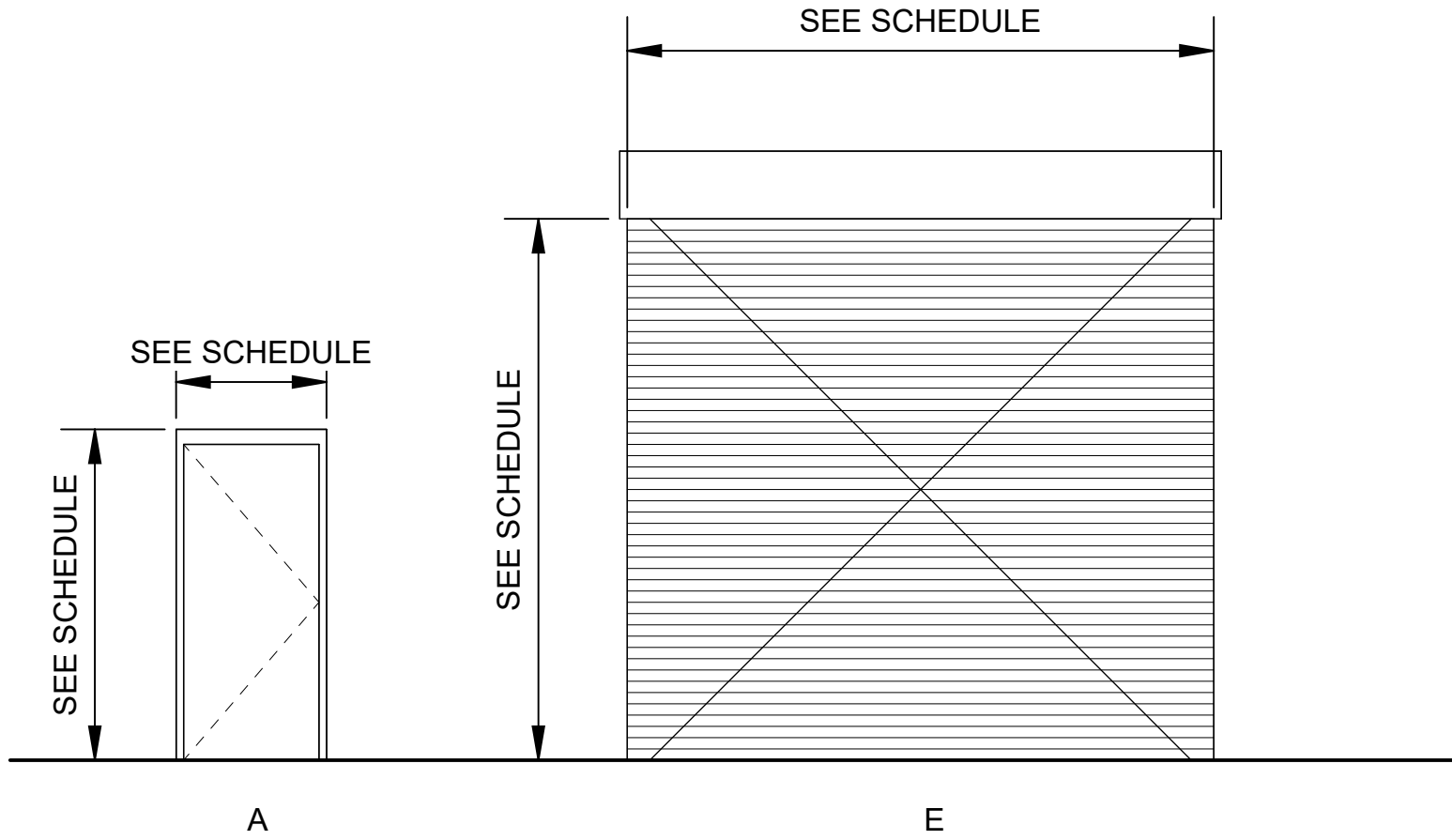
(1) CONTINUOUS HINGE	CFM. SLF-HD1	-	PE
(1) RIM PANIC	6100xAU 427F NL x FACILITY KEYING	630	YA
(1) DROP PLATE & MOUNTING HARDWARE	AS REQUIRED	689	YA
(1) SURFACE CLOSER	UNI4400	US32D	RO
(1) KICK PLATE	K1050 10" HIGH x LDW CSK	-	PE
(1) HD THRESHOLD	1715 x WIDTH	-	PE
(1) PERIMETER SEAL	BY DOOR/FRAME MFR.	-	PE
(1) SWEEP	315CN x WIDTH	-	PE
(1) DOOR STOP	441 CU EXP	US32D	RO

HARDWARE SET 02

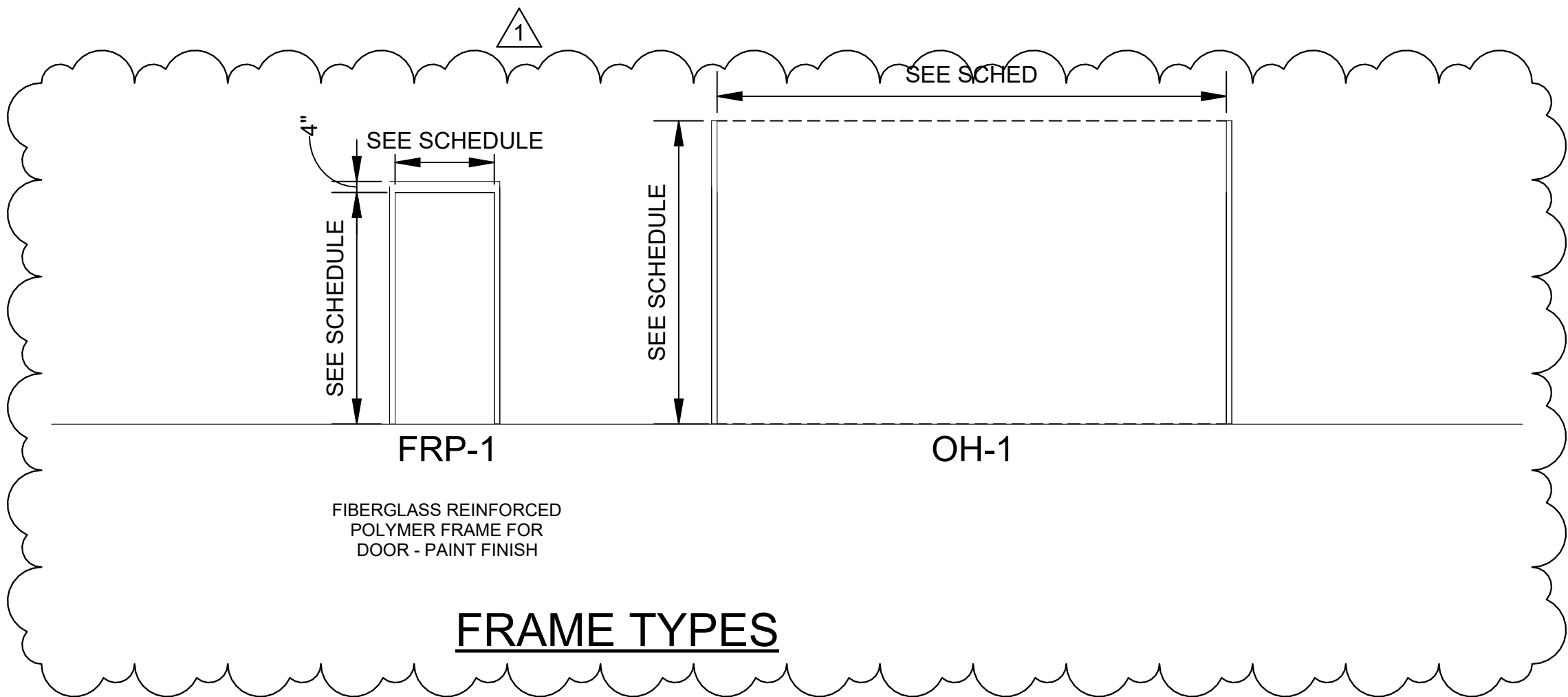
- (1) CYLINDER
(*) BALANCE OF HARDWARE BY OVERHEAD DOOR MANUFACTURER

ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR	WALL				BASE	CEILING	REMARKS
			NORTH	EAST	SOUTH	WEST			
104	DEWATERING BUILDING	SC	P1	P1	P1	P1	N/A	C1	



DOOR LEGEND



FRAME TYPES

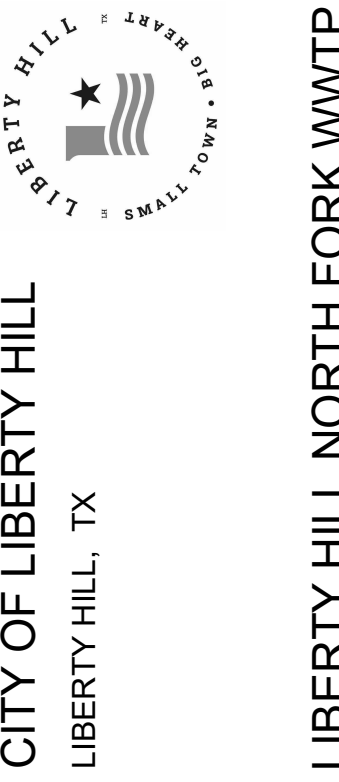


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REGISTRATION NO.
BR-60



REV	DATE	DESCRIPTION	BY
1	09/18/26	ADDENDUM # 4	CMR



DEWATERING
BUILDING
SCHEDULES

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: CMR
DRAWN BY: CIW
CHECKED BY: CMR

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"

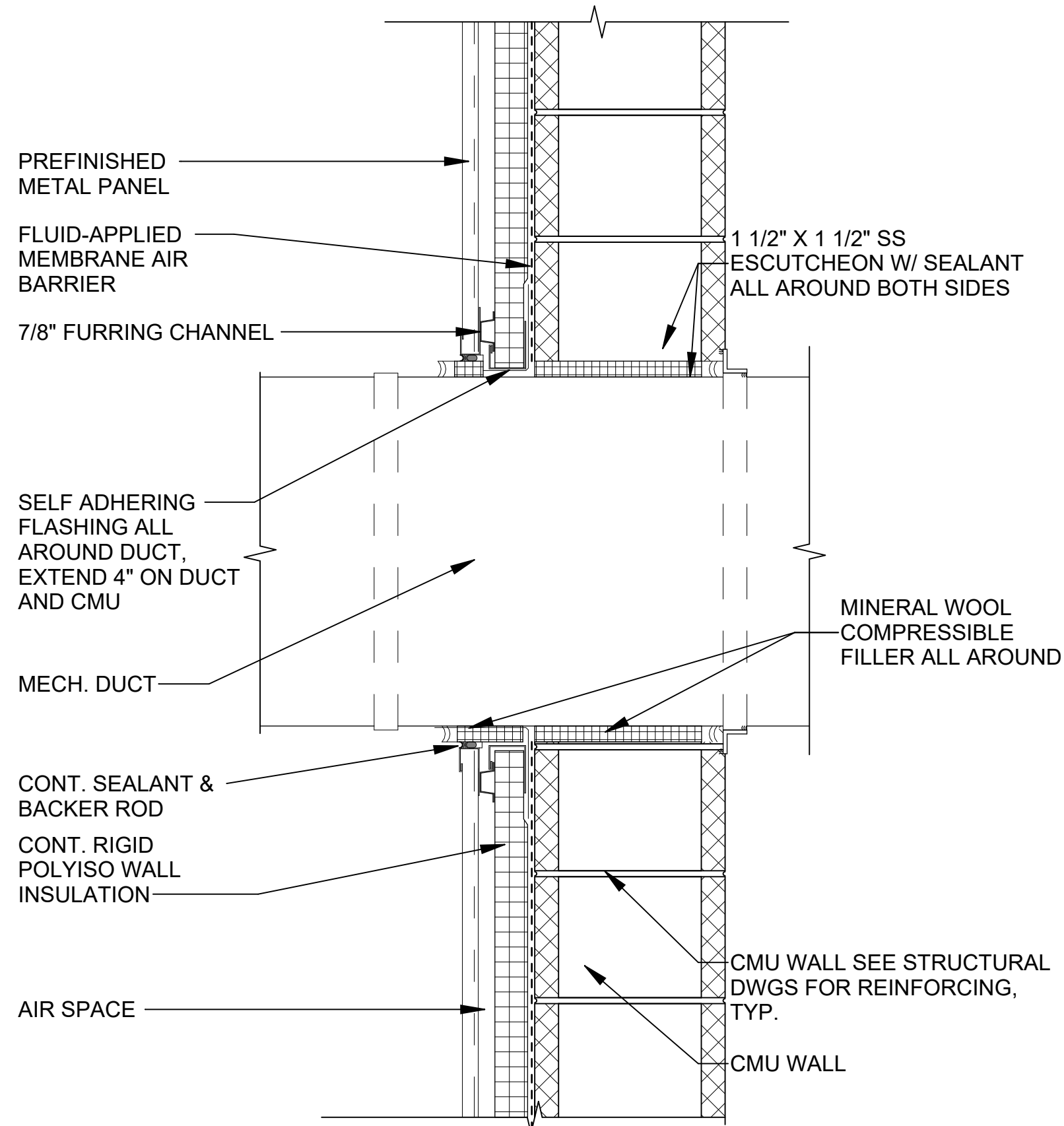
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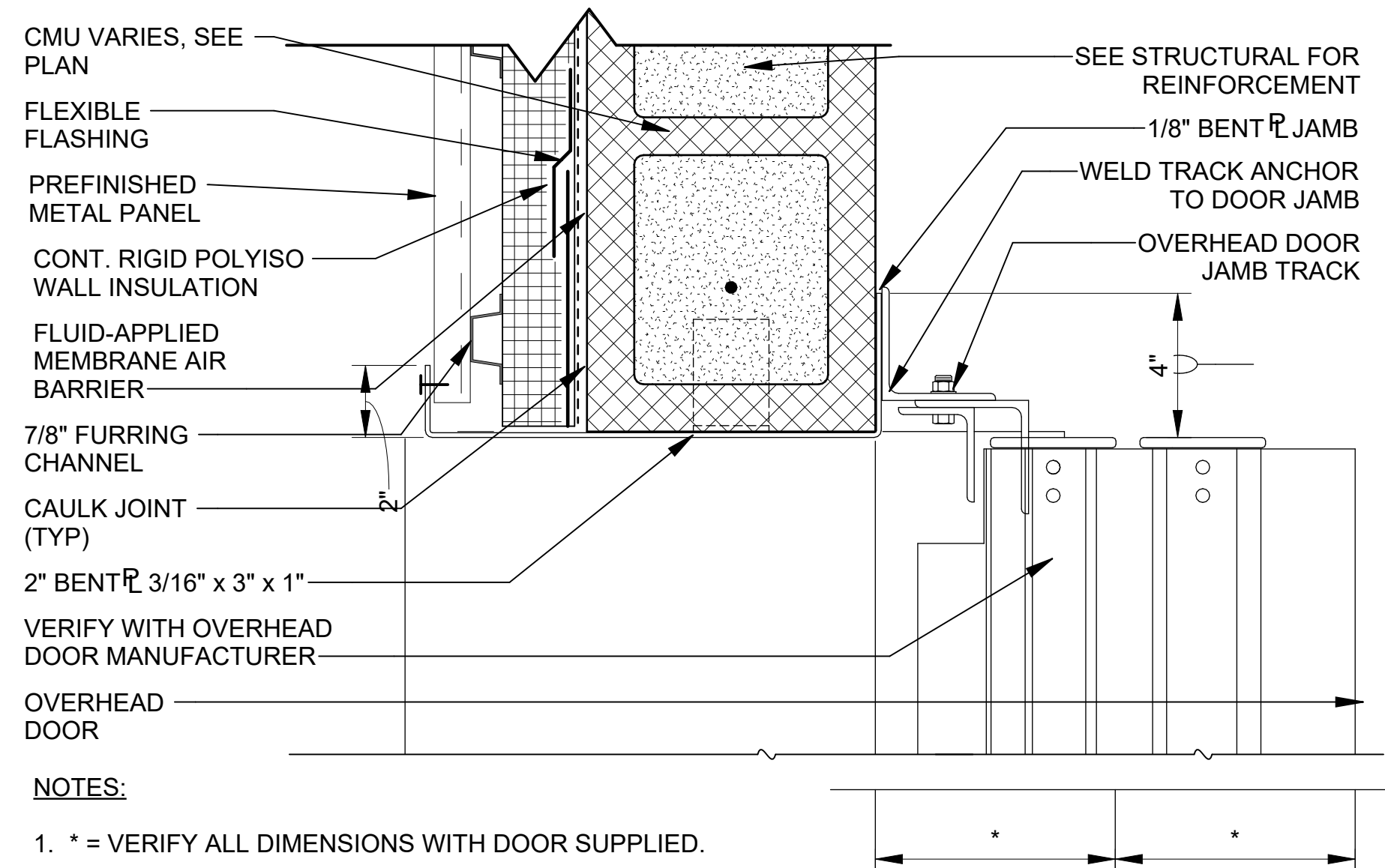
60-A601

SHEET
NUMBER 412

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Plot Date: 9/17/2026 2:14:05 PM



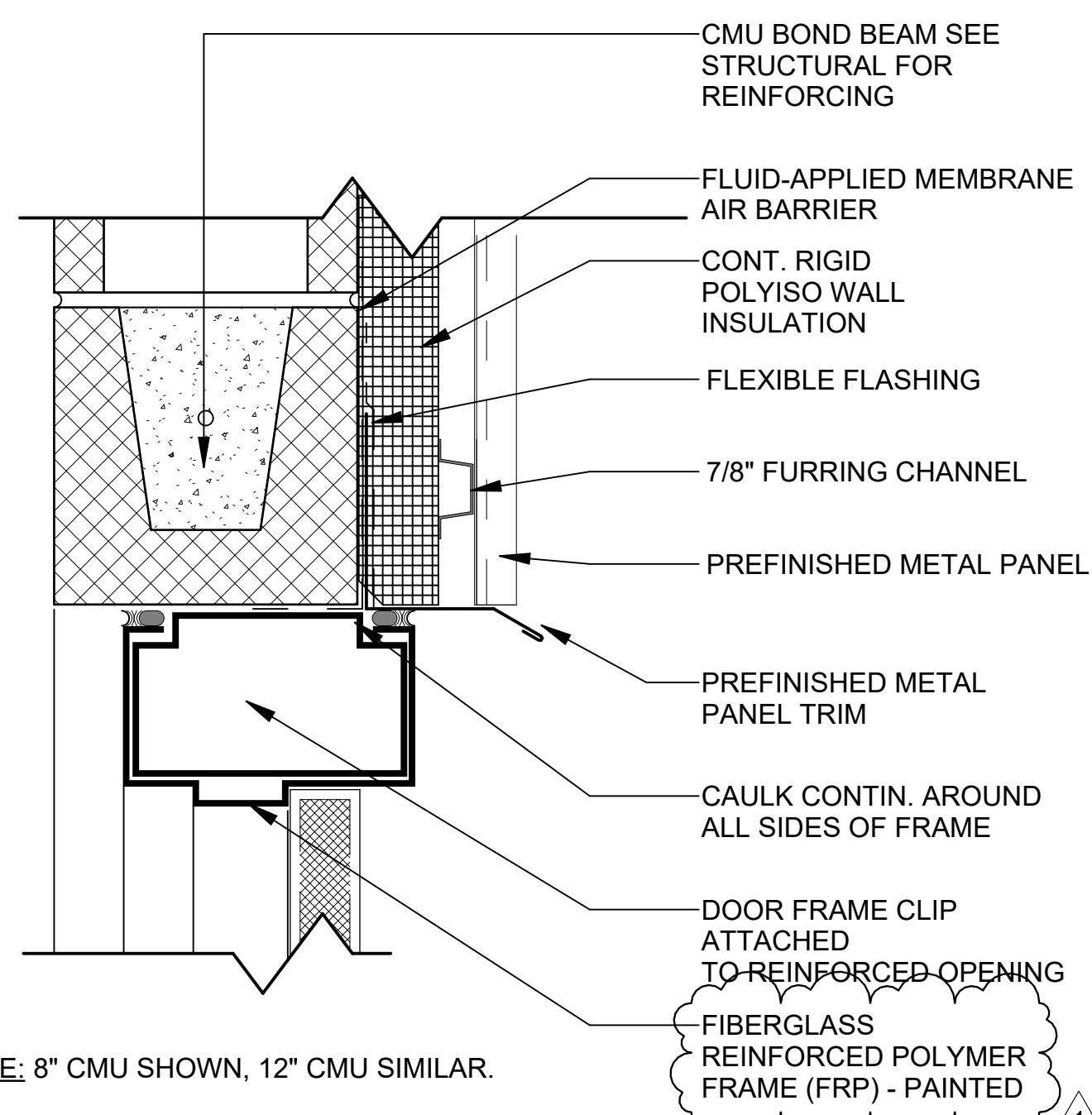
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60-A602 SCALE: 1 1/2" = 1'-0"



NOTES:

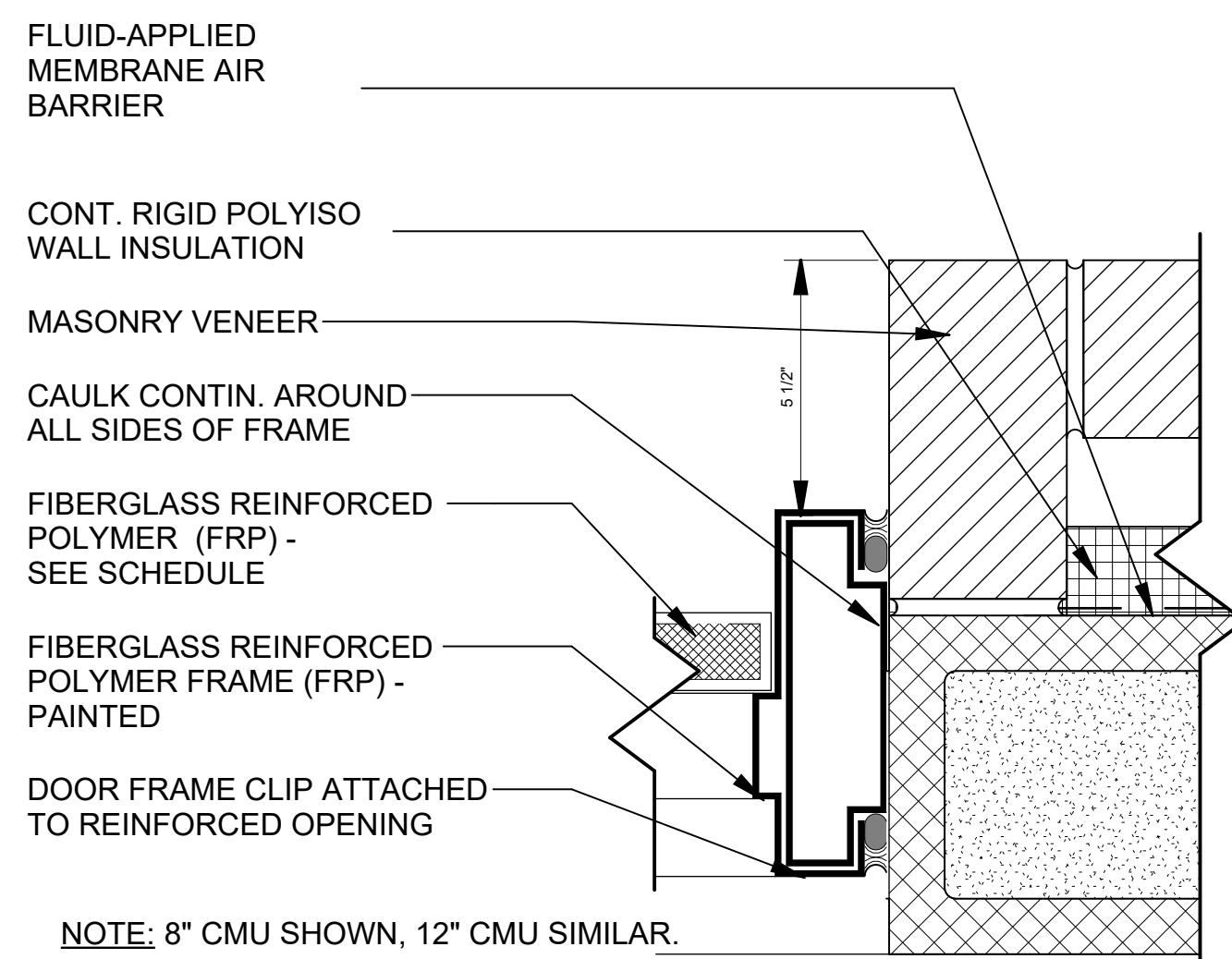
- * = VERIFY ALL DIMENSIONS WITH DOOR SUPPLIED.
- 8" CMU SHOWN, 12" CMU SIMILAR.

6
60-A602 SCALE: 3" = 1'-0"



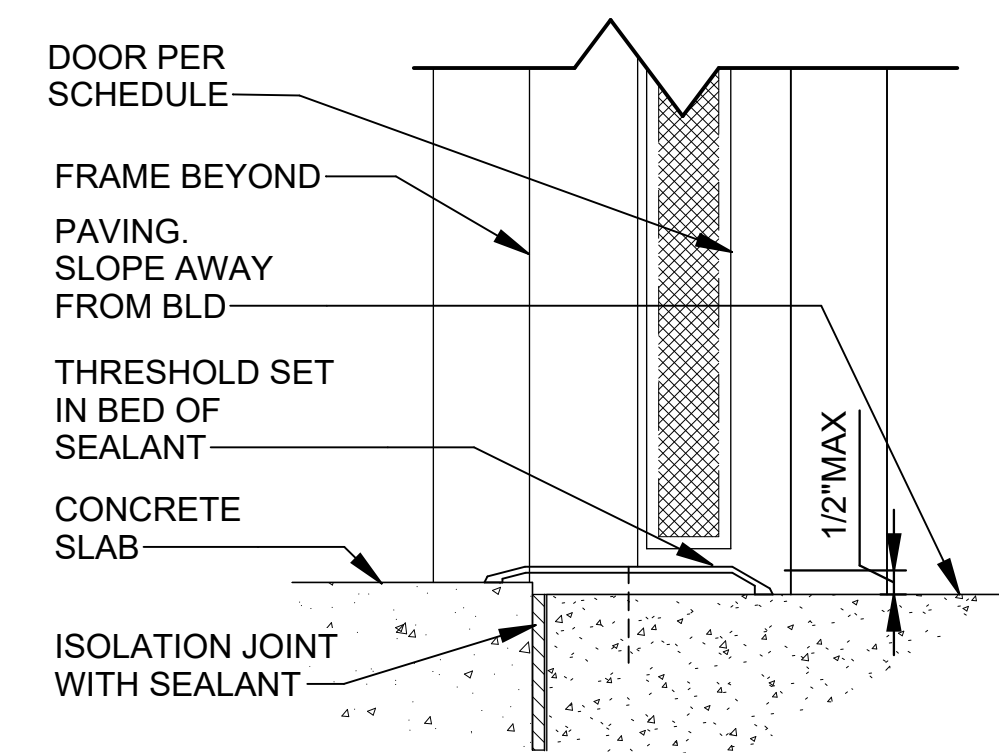
NOTE: 8" CMU SHOWN, 12" CMU SIMILAR.

2
60-A602 SCALE: 3" = 1'-0"

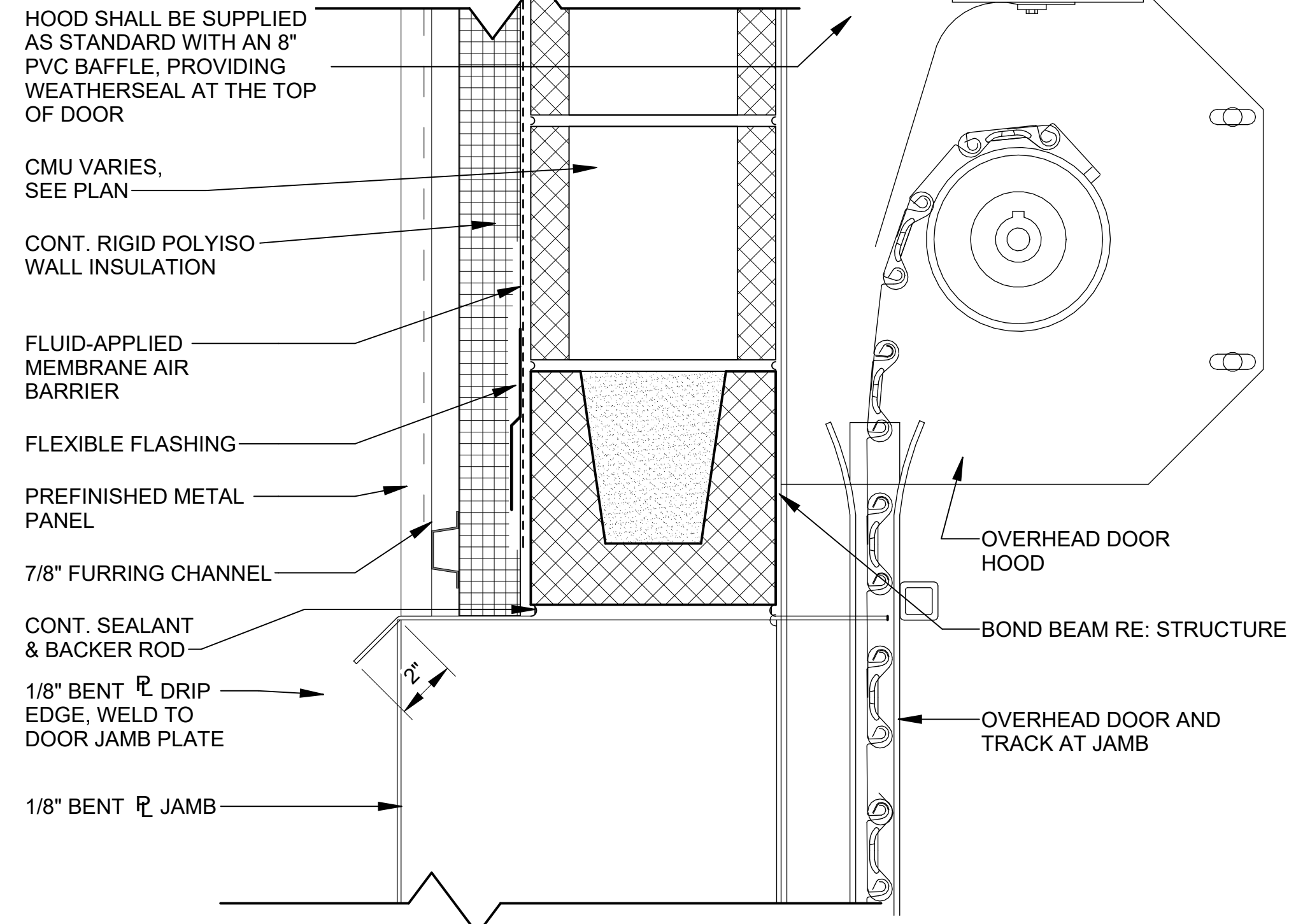


NOTE: 8" CMU SHOWN, 12" CMU SIMILAR.

4
60-A602 SCALE: 3" = 1'-0"

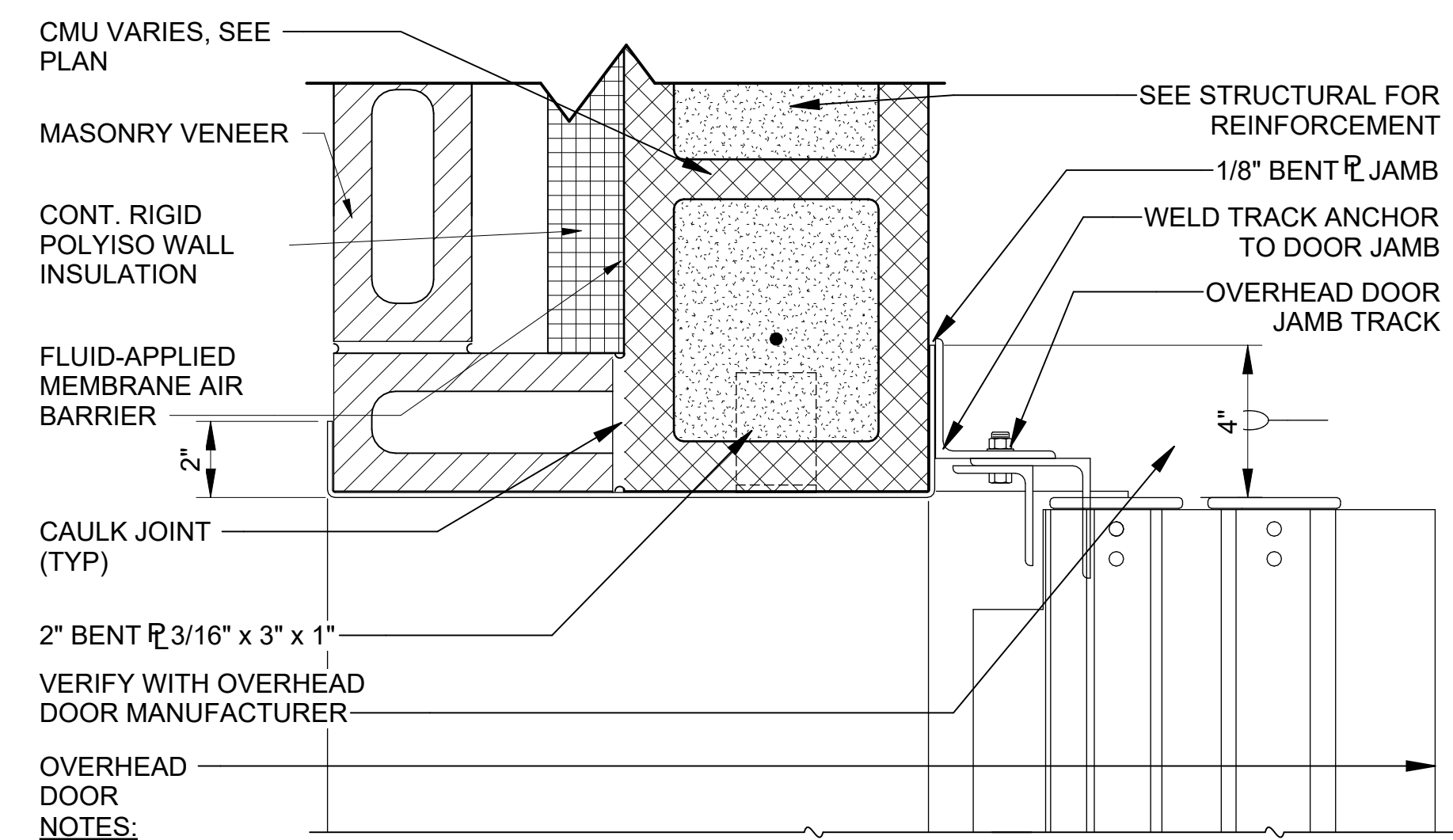


7
60-A602 SCALE: 3" = 1'-0"



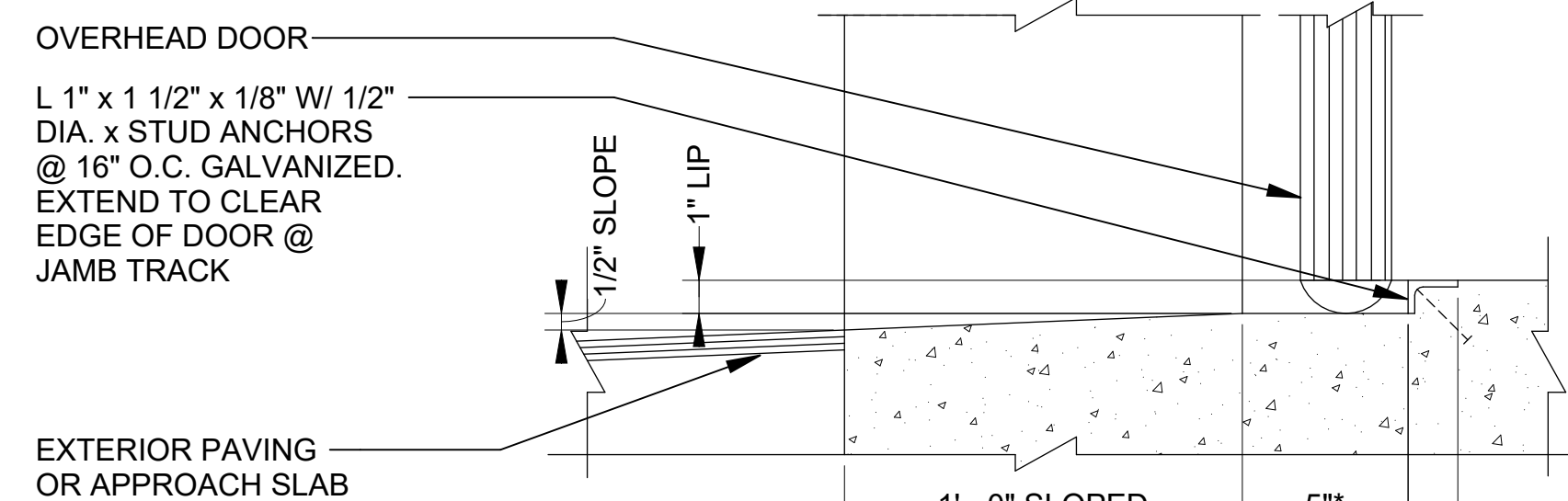
NOTE: 8" CMU SHOWN, 12" CMU SIMILAR.

3
60-A602 SCALE: 3" = 1'-0"



- * = VERIFY ALL DIMENSIONS WITH DOOR SUPPLIED.
- 8" CMU SHOWN, 12" CMU SIMILAR.

5
60-A602 SCALE: 3" = 1'-0"



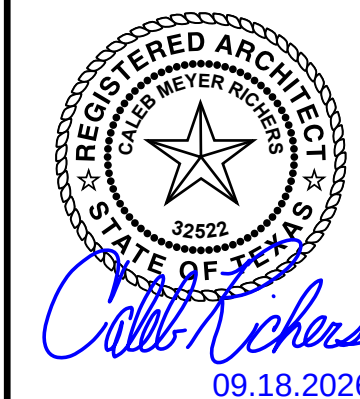
NOTE: DIMENSION SHALL BE VERIFIED WITH DOOR SUPPLIED.

8
60-A602 SCALE: 3/4" = 1'-0"

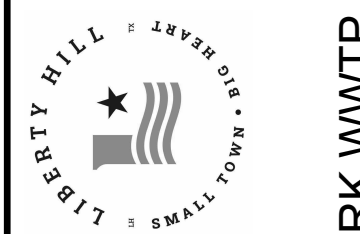


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REGISTRATION NO. BR-60



BY	DESCRIPTION	DATE	REV
CMR	ADDENDUM # 4	09/18/26	1



CITY OF LIBERTY HILL
LIBERTY HILL, TX

DEWATERING
BUILDING DETAILS

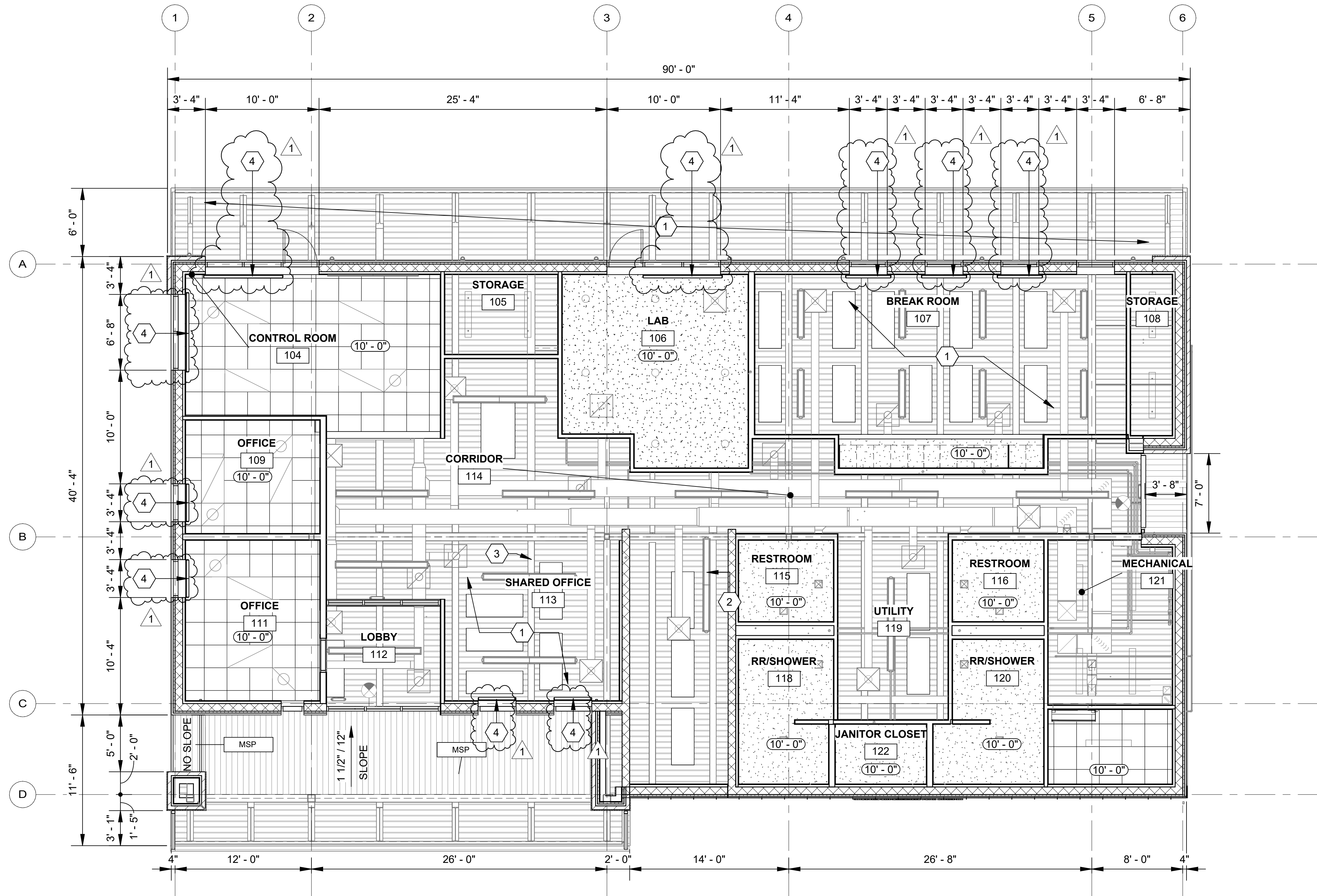
JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: CMR
DRAWN BY: CIW
CHECKED BY: CMR

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DRAWING NUMBER
60-A602
SHEET NUMBER
413

LIBERTY HILL NORTH FORK WWTP

Revit File: Autodeskt Docs//W07-2401219 - Liberty Hill North Fork WWTP Design//W07-2401219_70_ADMINISTRATION BUILDING_ARCHITECTURAL.rvt
Plot Date: 9/17/2026 3:55:53 PM



1
70-A104

REFLECTED CEILING PLAN

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

GENERAL NOTES

1. REFER TO GENERAL SHEETS FOR OTHER GENERAL NOTES.
2. REFER TO ALL CIVIL/MEP/STRUCTURAL SHEETS FOR REQUIRED WORK.
3. ROOMS ARE OPEN TO STRUCTURE ABOVE U.N.O.
4. REFER TO 70-A602 FOR FINISH SCHEDULE

KEYNOTES

- | | |
|---|---|
| 1 | CEILING EXPOSED TO UNDERSIDE OF STRUCTURE |
| 2 | MECHANICAL DUCT; SEE MECHANICAL |
| 3 | STEEL JOIST FRAMING; SEE STRUCTURAL |
| 4 | ROLLER WINDOW SHADE |

LEGEND

- | | |
|--|--------------------------------|
| | EMERGENCY LIGHT |
| | 2' X 2' LAY IN CEILING SYSTEM |
| | GYP. BD. CEILING |
| | KEYED NOTE |
| | 1'x4' LIGHTING FIXTURE |
| | 1'x4' PENDANT LIGHT FIXTURE |
| | 1'x8' PENDANT LIGHTING FIXTURE |
| | RECESSED DOWNLIGHT |
| | WALL MOUNTED LIGHT |
| | WALL MOUNTED EMERGENCY LIGHT |
| | CEILING MOUNTED EXIT SIGN |
| | SOFFIT PANEL |
| | HVLS CEILING MOUNTED FAN |
| | AIR TERMINAL - SUPPLY |
| | AIR TERMINAL - RETURN |
| | EXTERIOR WALL SCENCE |
| | ROLLER SHADE |
- NOTE: REFER TO MECH & ELEC FOR DIFFUSER & LIGHT INFORMATION



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REGISTRATION NO.
BR-60



BY CMR

DESCRIPTION #4

DATE 09/18/26
REV 1



CITY OF LIBERTY HILL
LIBERTY HILL, TEXAS

ADMINISTRATION
UPPER REFLECTED
CEILING PLAN

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: CMR
DRAWN BY: RAG
CHECKED BY: CMR

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"

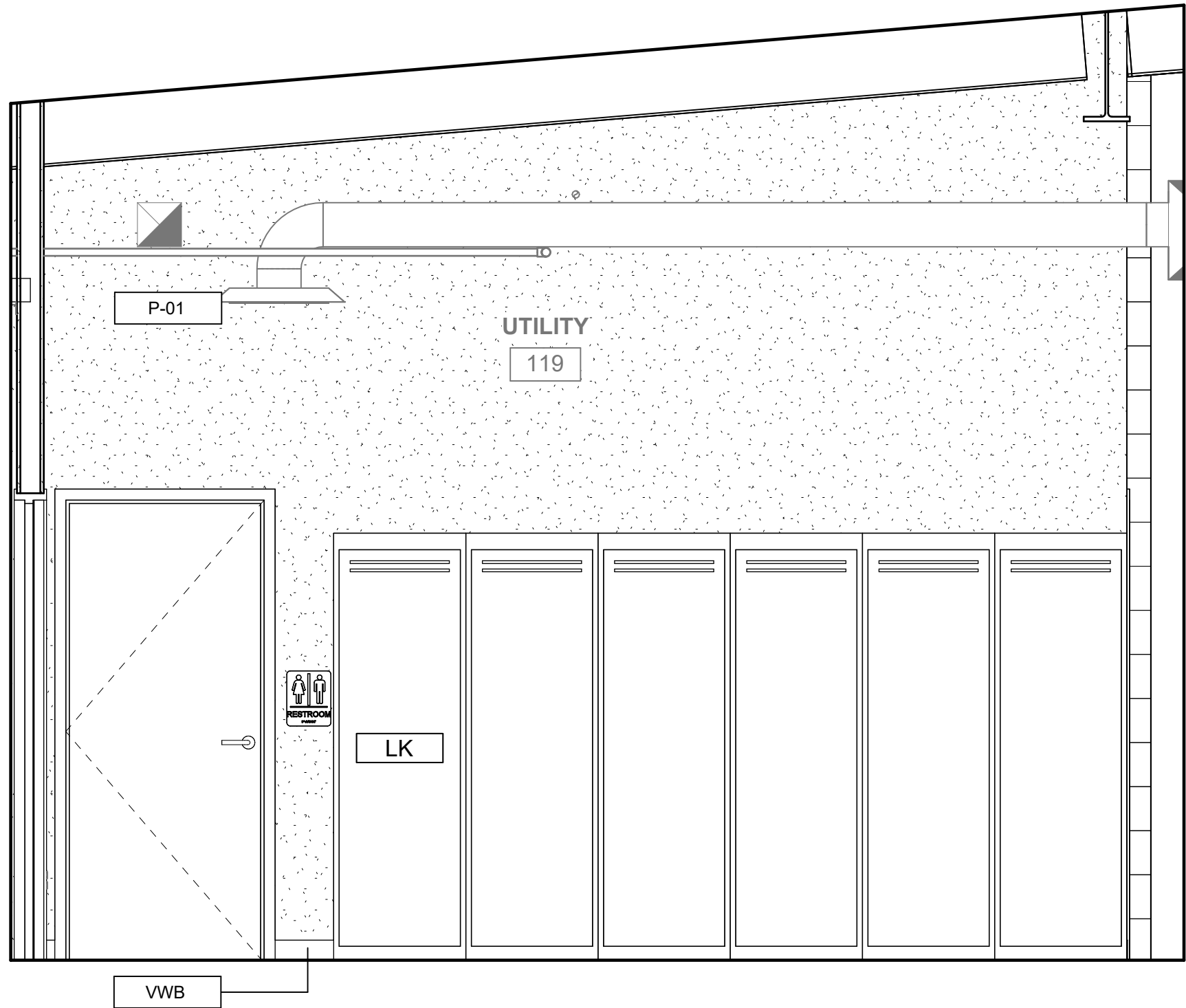
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER

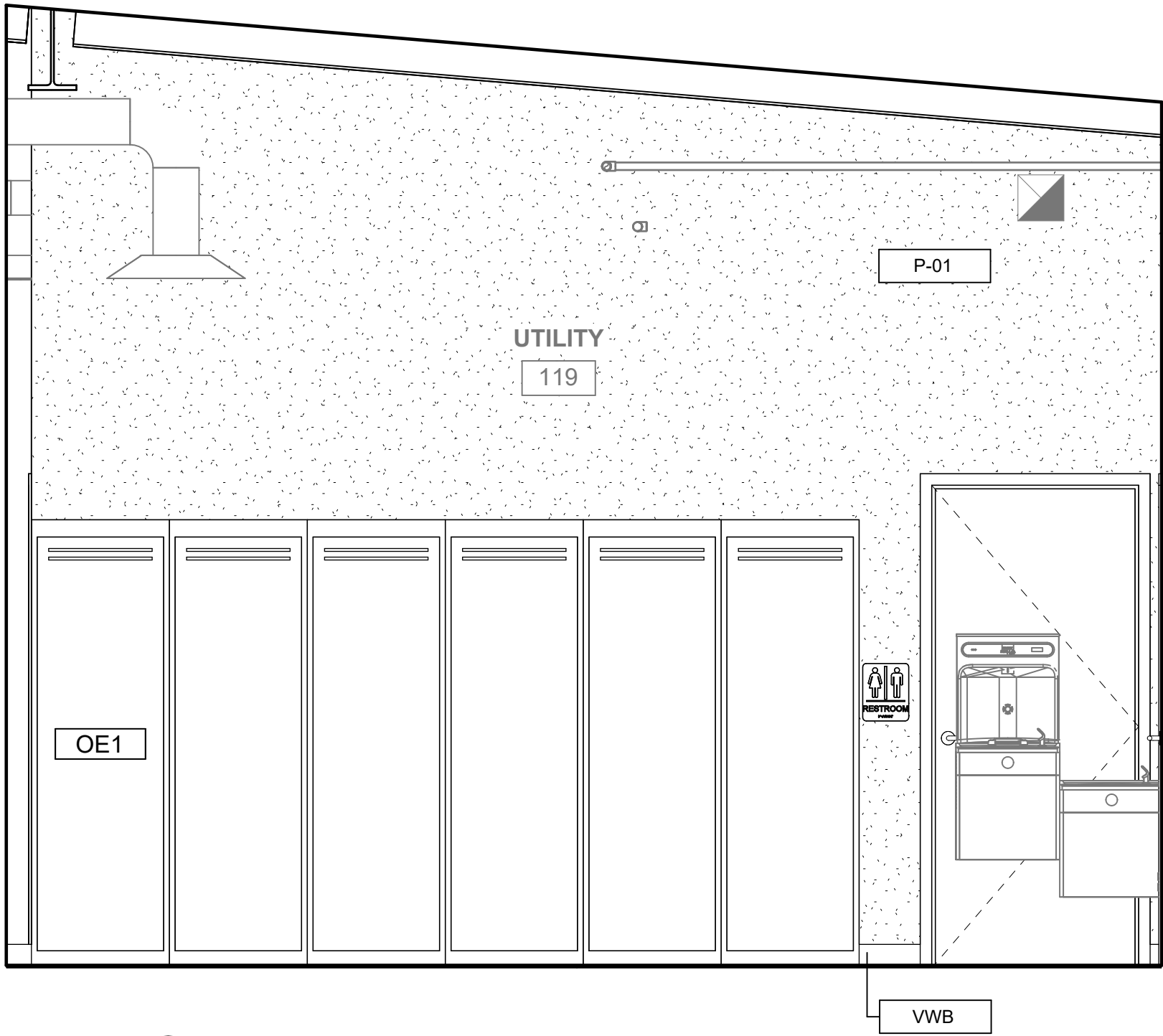
70-A104

SHEET NUMBER
467

Revit File: Autodeskt Docs\\W07-2401219 - Liberty Hill North Fork WWTP Design\\W07-2401219_70_ADMINISTRATION BUILDING_ARCHITECTURAL.rvt
Plot Date: 9/17/2026 2:11:56 PM

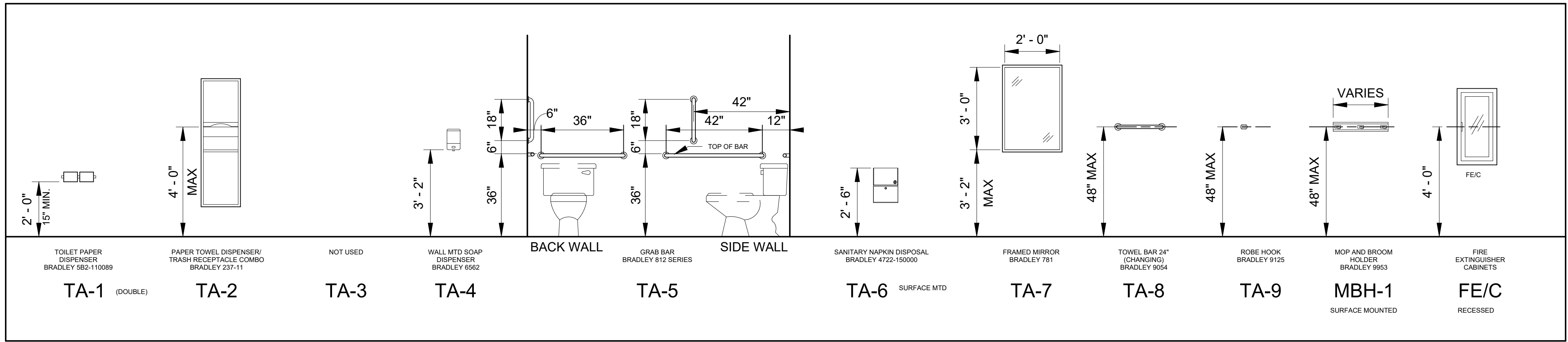


1 LOCKER 119 - WEST
SCALE: 1/2" = 1'-0"



2 LOCKER 119 - EAST
SCALE: 1/2" = 1'-0"

TYPICAL TOILET AND MISCELLANEOUS ACCESSORIES MOUNTING HEIGHTS & SYMBOLS



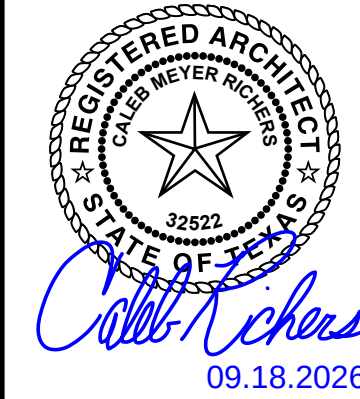
TOILET ACCESSORIES SCHEDULE

ID	DESCRIPTION	MANUFACTURER	MODEL	NOTES/REMARKS
TA-1	WALL-MOUNTED TOILET PAPER DISPENSER, DOUBLE	BRADLEY CORP.	5B2-110089	
TA-2	SURFACE-MOUNTED TOWEL DISPENSER AND RECEPTACLE	BRADLEY CORP.	237-11	
TA-4	WALL-MOUNTED SOAP DISPENSER	BRADLEY CORP.	6562	
TA-5	36" & 42" WALL-MOUNTED GRAB BARS	BRADLEY CORP.	812-001	
TA-6	SURFACE-MOUNTED SANITARY NAPKIN DISPOSAL	BRADLEY CORP.	4722-150000	SURFACE-MOUNTED
TA-7	WALL-MOUNTED FRAMED MIRROR	BRADLEY CORP.	781	



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REGISTRATION NO.
BR-60



REV	DATE	DESCRIPTION	BY
1	09/18/26	ADDENDUM #4	CMR



ADMINISTRATION
BUILDING INTERIOR
ELEVATION LOCKER

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: CMR
DRAWN BY: RAG
CHECKED BY: CMR

BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"

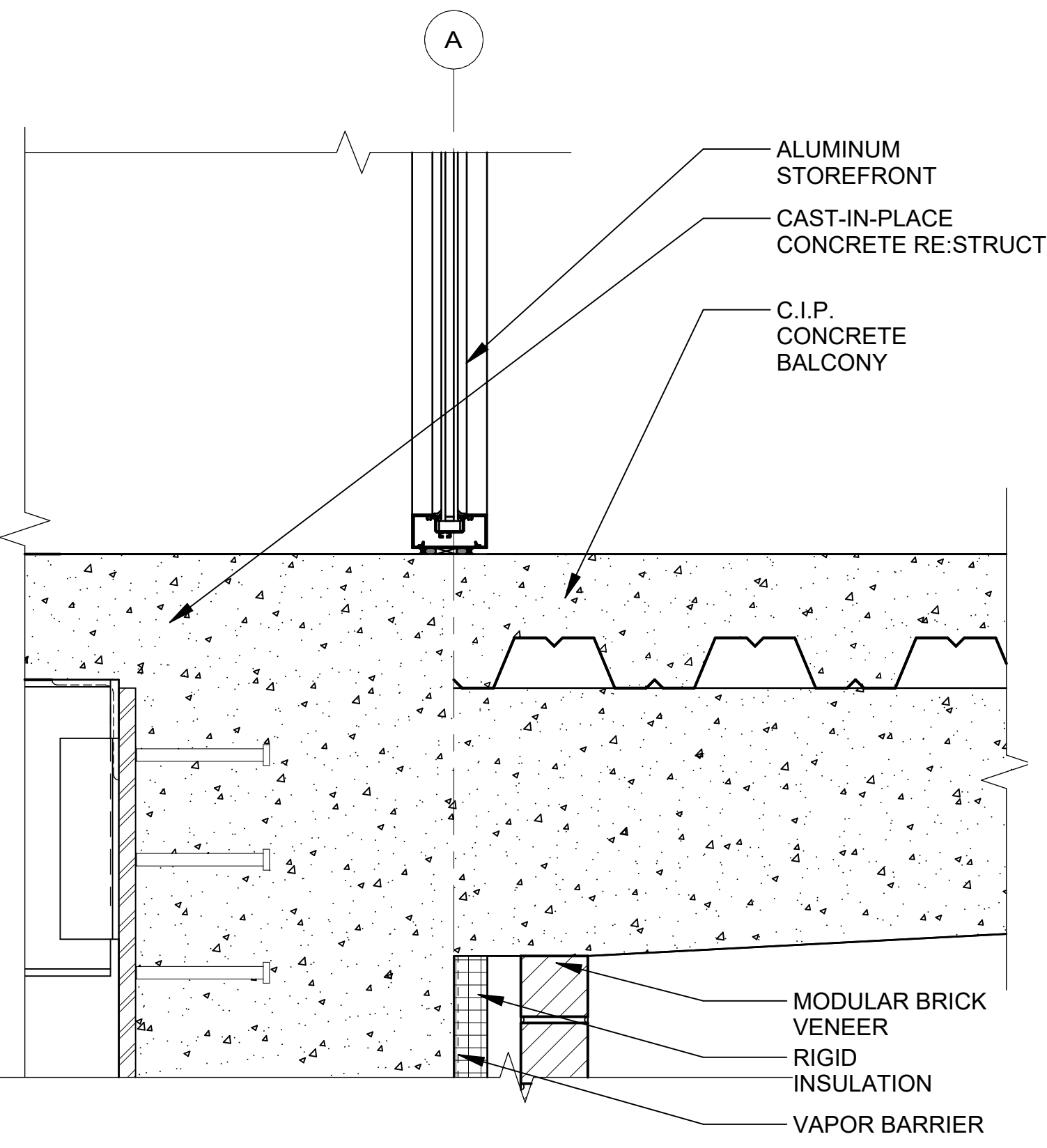
IF NOT ONE INCH ON THIS SHEET,
ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER

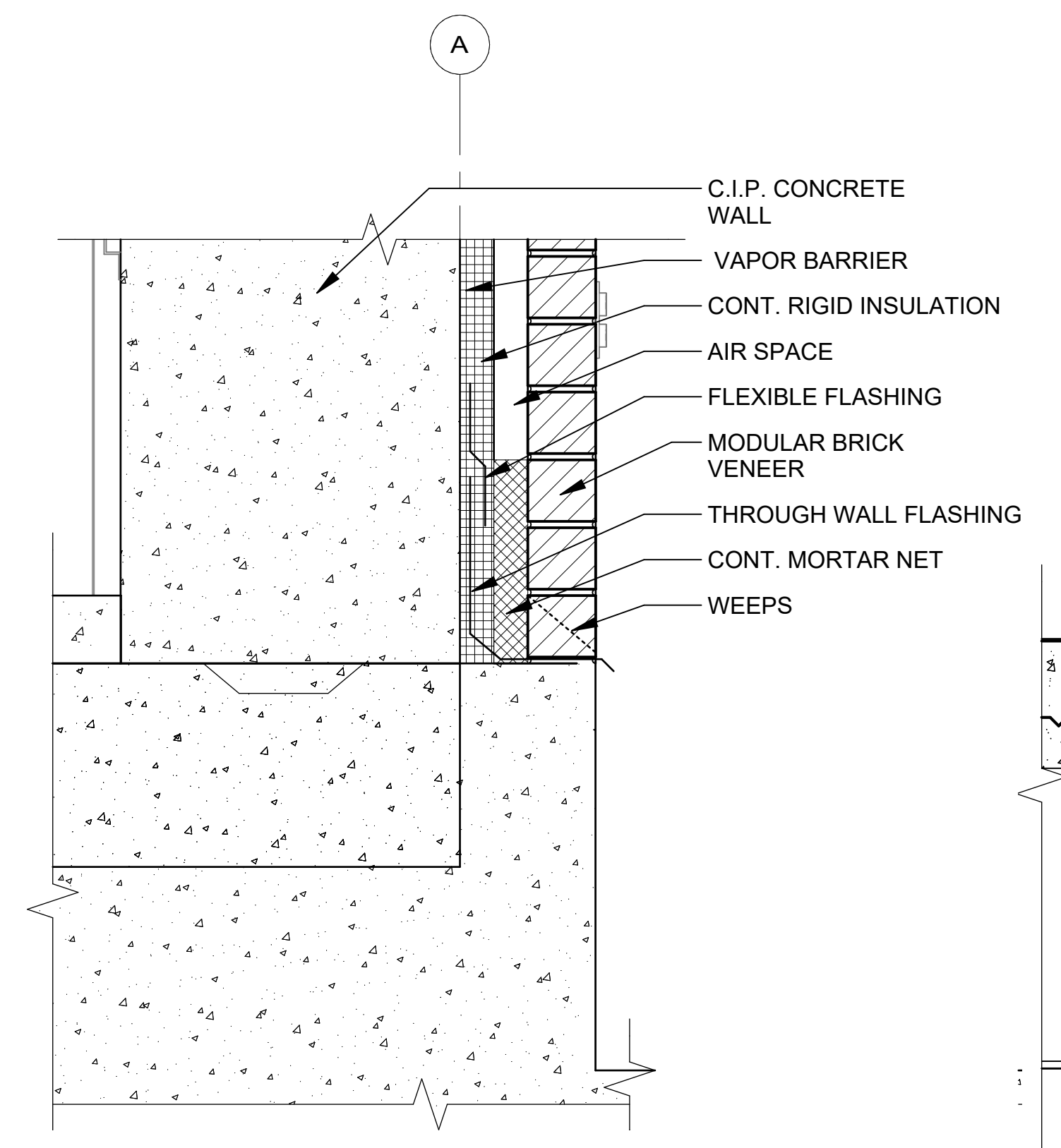
70-A403

SHEET
NUMBER 479

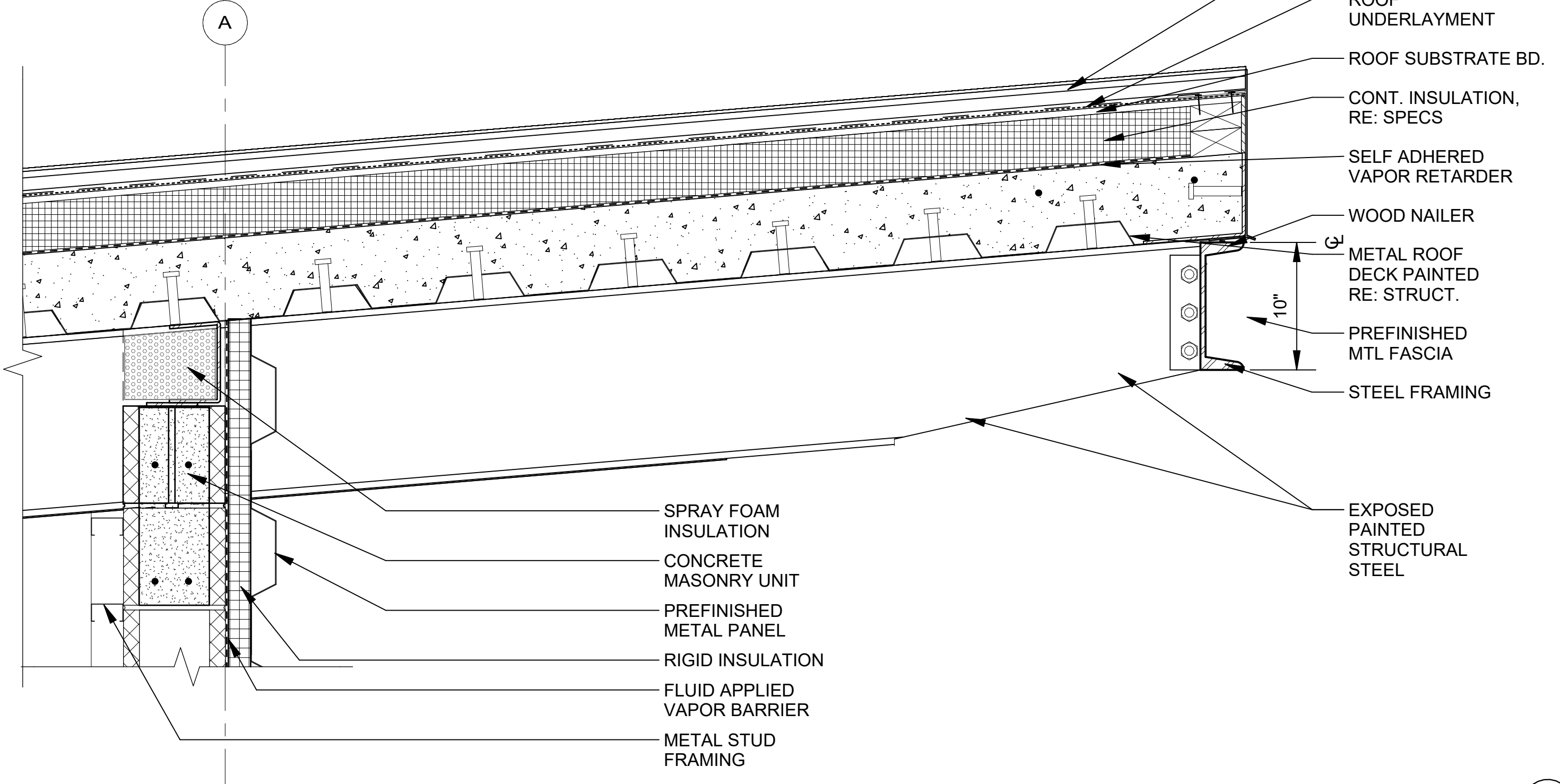
Revit File: Autodeskt Docs\\W07-2401219 - Liberty Hill North Fork WWTP Design\\W07-2401219_70_ADMINISTRATION BUILDING_ARCHITECTURAL.rvt
Plot Date: 9/17/2026 2:57:33 PM



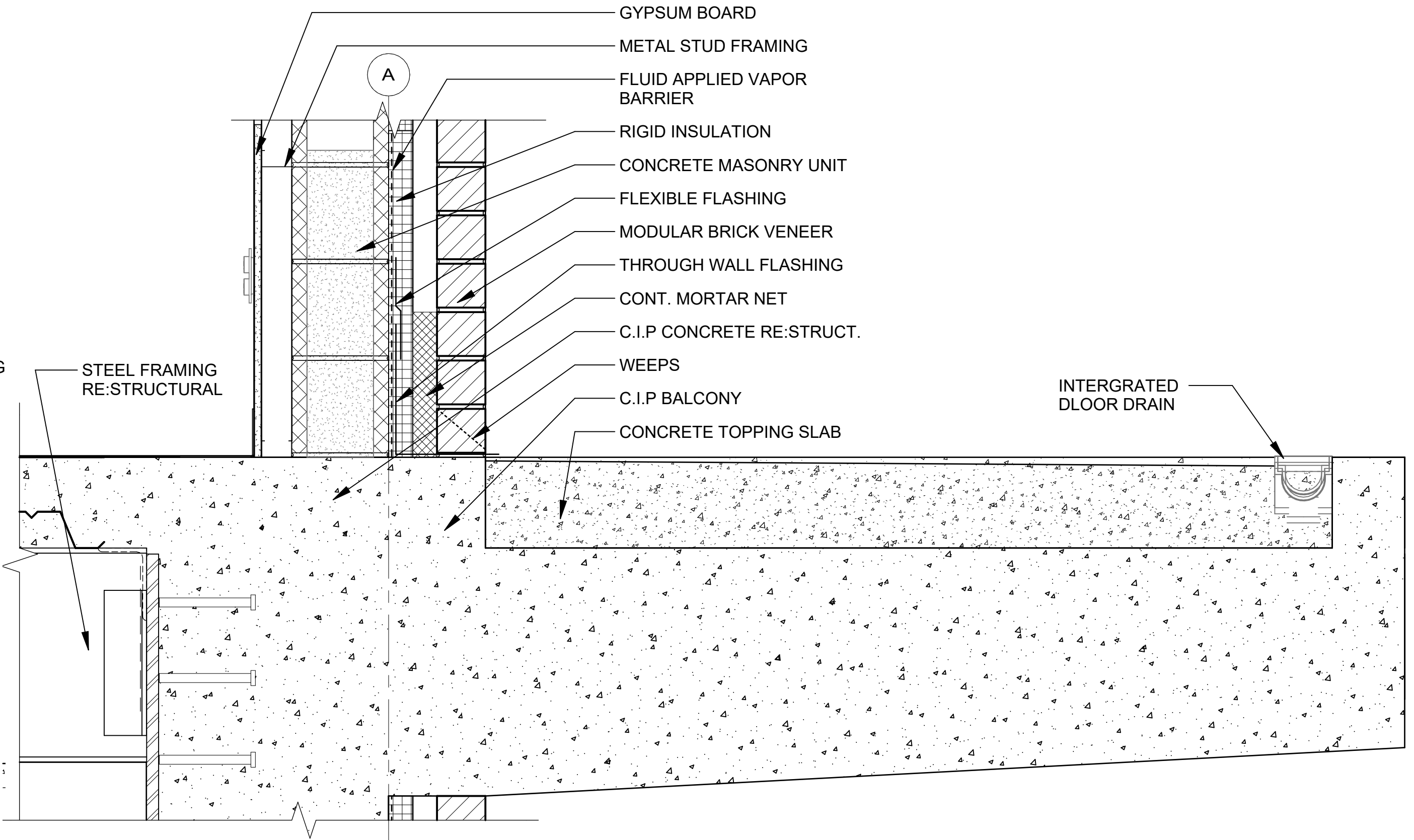
1 SECTION DETAIL
70-A305 SCALE: 1 1/2" = 1'-0"



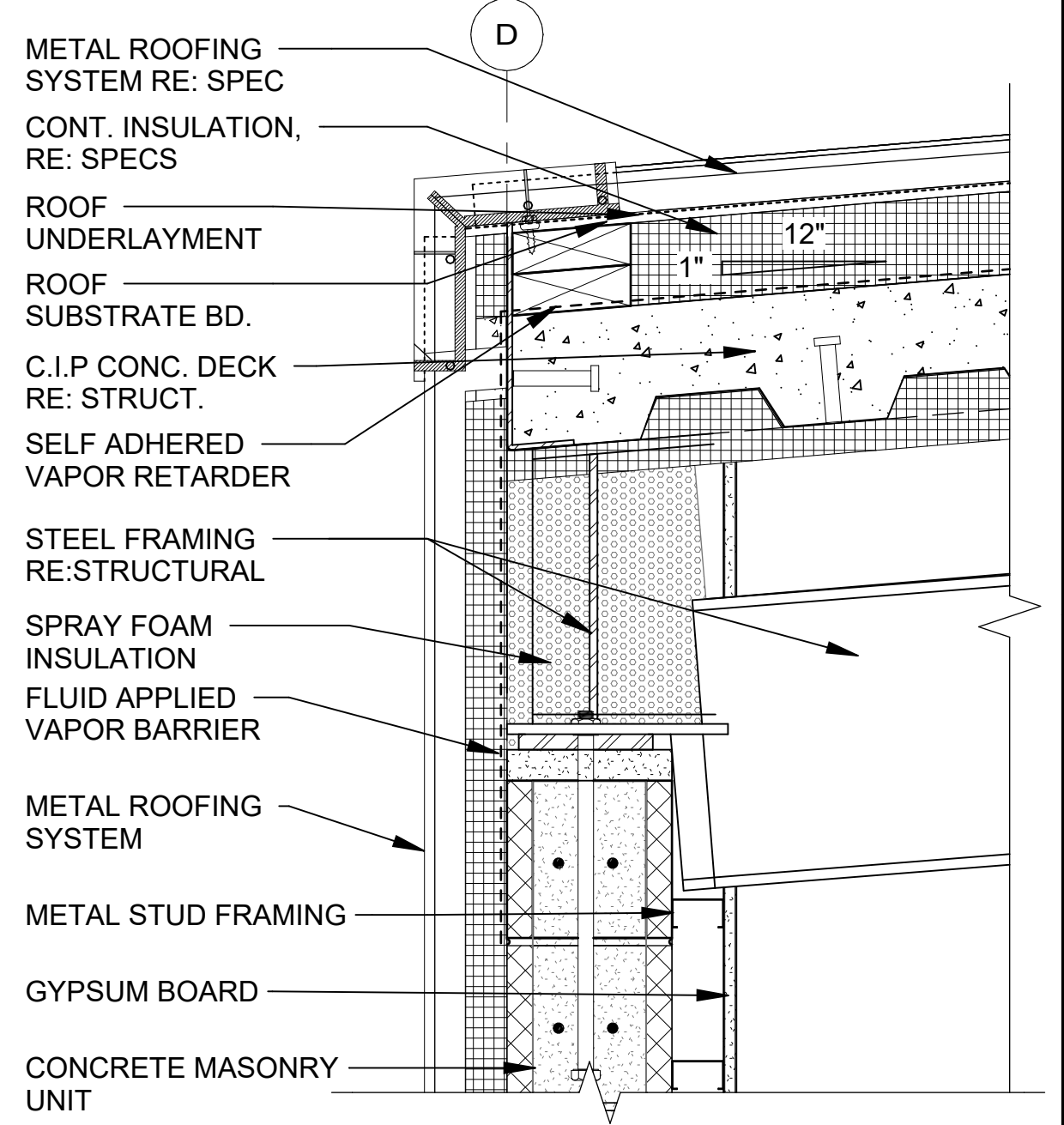
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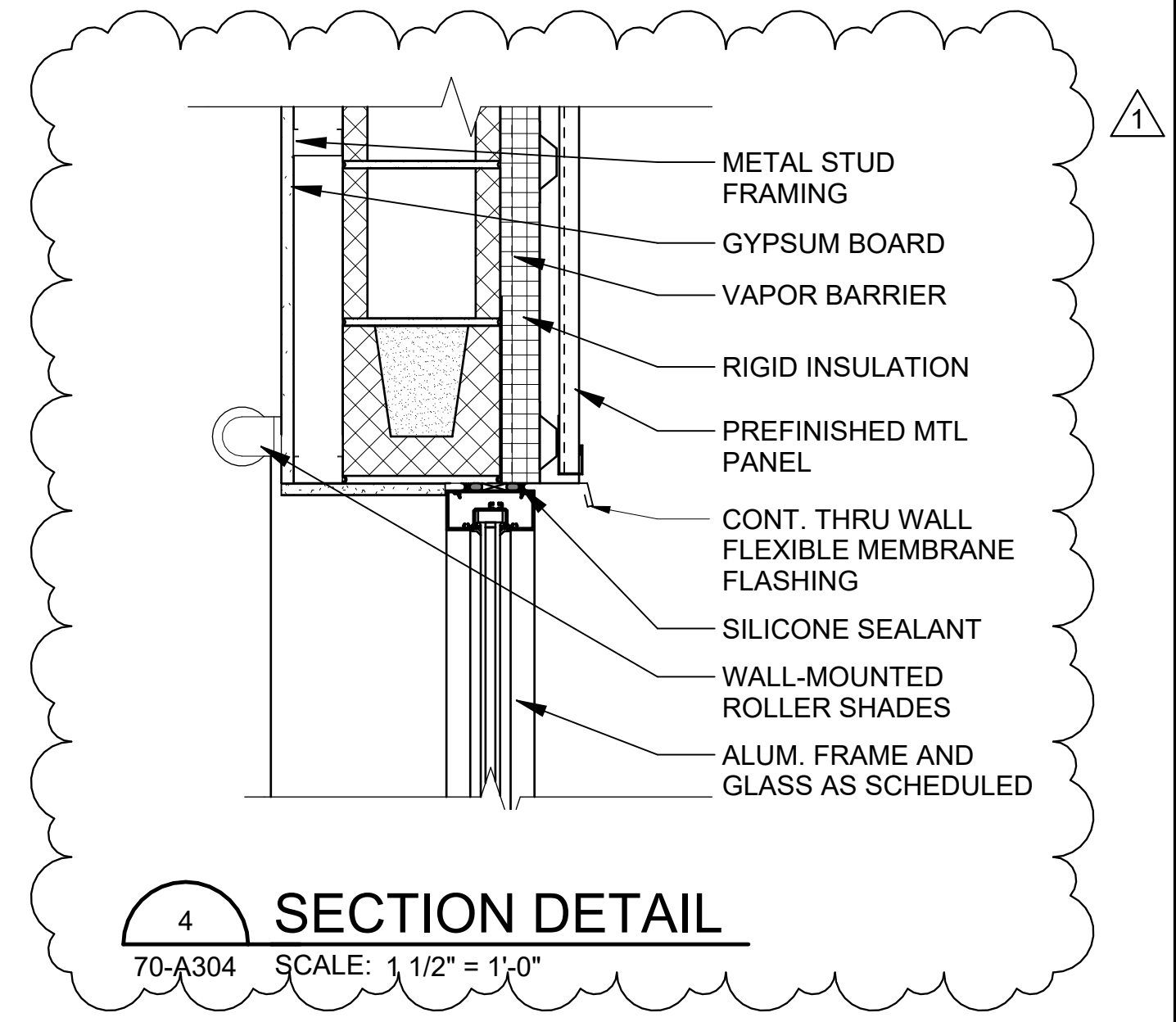
2 SECTION DETAIL
70-A304 SCALE: 1 1/2" = 1'-0"



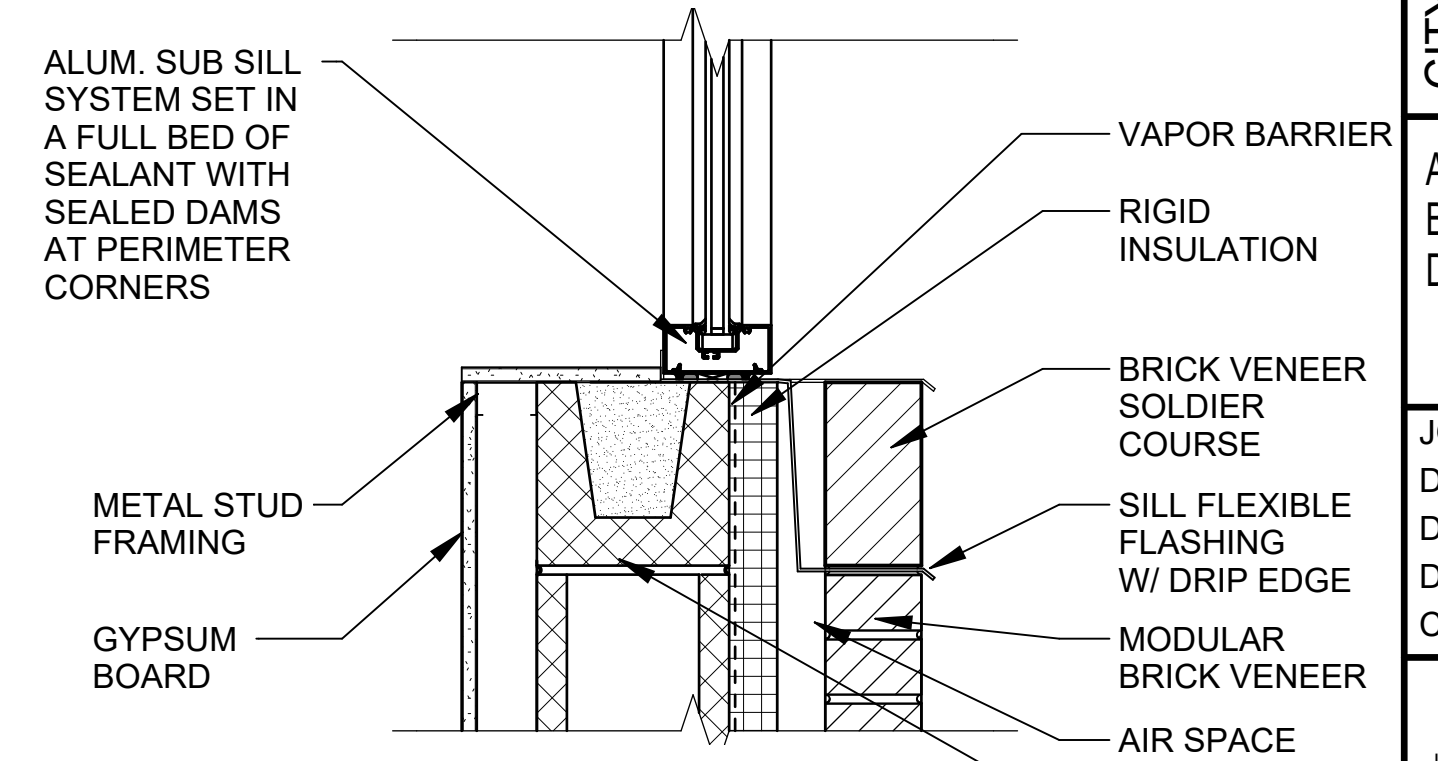
6 SECTION DETAIL
70-A306 SCALE: 1 1/2" = 1'-0"



3 SECTION DETAIL
70-A305 SCALE: 1 1/2" = 1'-0"



4 SECTION DETAIL
70-A304 SCALE: 1 1/2" = 1'-0"

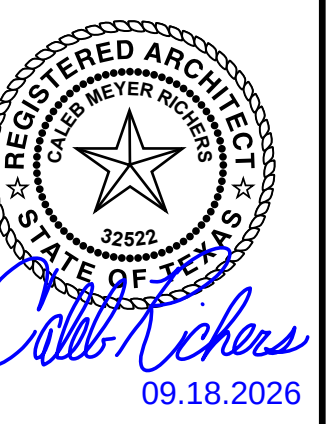


7 SECTION DETAIL
70-A304 SCALE: 1 1/2" = 1'-0"

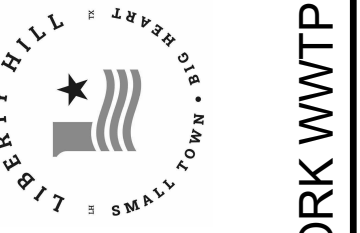


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REGISTRATION NO. BR-60



REV	DATE	DESCRIPTION	BY
1	09/18/26	ADDENDUM #4	CMR



CITY OF LIBERTY HILL
LIBERTY HILL, TEXAS
LIBERTY HILL NORTH FORK WWTP

ADMINISTRATION
BUILDING SECTION
DETAILS

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: CMR
DRAWN BY: RAG
CHECKED BY: CMR

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
70-A503

SHEET NUMBER
490

Revit File: Autodeskt Docs\\W07-2401219 - Liberty Hill North Fork WWTP Design\\W07-2401219_70_ADMINISTRATION BUILDING_ARCHITECTURAL.rvt
Plot Date: 9/17/2026 2:11:59 PM

DOOR SCHEDULE

DOOR NO.	ROOM NAME	DOOR PANEL					FRAME		DETAILS			FIRE RATING	HARDWARE	NOTES/REMARKS
		TYPE	MATERIAL	WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL	HEAD	JAMB	SILL			
BASEMENT LEVEL														
101A	ELECTRICAL ROOM	C	HMD	6' - 4"	9' - 0"	1 3/4"	HM-2	HMF	3/70-A604	11/70-A604	4/70-A604	90MIN	HW-2.0	
101B	ELECTRICAL ROOM	A	HMD	3' - 0"	7' - 0"	1 3/4"	HM-1	HMF	5/70-A605	10/70-A604	4/70-A604		HW-1.6	
102A	COORDIDOR	C	HMD	6' - 4"	9' - 0"	1 3/4"	HM-2	HMF	3/70-A604	11/70-A604	4/70-A604	HW-2.0		
103A	COORDIDOR	A	HMD	3' - 0"	7' - 0"	1 3/4"	HM-1	HMF	5/70-A605	10/70-A604	4/70-A604	90MIN	HW-1.6	
103B	STORAGE/MAINT.	D	ISP	16' - 0"	10' - 0"	2"	OH-1	HMF	1/70-A605	2/70-A605	3/70-A605	---	HW-3.0	OVERHEAD COILING DOOR
103C	STORAGE/MAINT.	A	HMD	3' - 0"	7' - 0"	1 3/4"	HM-1	HMF	3/70-A604	11/70-A604	4/70-A604	---	HW-1.0	

LOWER LEVEL

104A	CONTROL ROOM	B	AL/TG	3' - 0"	7' - 0"	1 3/4"	-	-	1/70-A604	6/70-A604	5/70-A604	---	HW-1.11	ALL-GLASS STOREFRONT DOOR
104B	CONTROL ROOM	B	AL/TG	3' - 0"	8' - 0"	1 3/4"	-	-	7/70-A604	10/70-A604	5/70-A604	---	HW-1.11	ALL-GLASS STOREFRONT DOOR
105	STORAGE	A	WD	3' - 0"	7' - 0"	1 3/4"	HM-1	HMF	3/70-A604	4/70-A605	4/70-A604	---	HW-1.1	
106A	CORRIDOR	A	WD	3' - 0"	7' - 0"	1 3/4"	HM-1	HMF	3/70-A604	4/70-A605	4/70-A604	---	HW-1.3	
106B	LAB	B	AL/TG	3' - 0"	8' - 0"	1 3/4"	-	-	7/70-A604	10/70-A604	5/70-A604	---	HW-1.11	ALL-GLASS STOREFRONT DOOR
107A	CORRIDOR	A	WD	3' - 0"	7' - 0"	1 3/4"	HM-1	HMF	3/70-A604	4/70-A605	4/70-A604	---	HW-1.3	
107B	CORRIDOR	A	WD	3' - 0"	7' - 0"	1 3/4"	HM-1	HMF	3/70-A604	4/70-A605	4/70-A604	---	HW-1.3	
107C	BREAK ROOM	B	AL/TG	3' - 0"	7' - 10"	1 3/4"	-	-	7/70-A604	10/70-A604	5/70-A604	---	HW-1.11	ALL-GLASS STOREFRONT DOOR
108	BREAK ROOM	C	WD	6' - 0"	7' - 0"	1 3/4"	HM-2	HMF	3/70-A604	4/70-A605	4/70-A604	---	HW-2.1	
109	OFFICE	A	WD	3' - 0"	7' - 0"	1 3/4"	HM-1	HMF	3/70-A604	4/70-A605	4/70-A604	---	HW-1.3	
111	OFFICE	A	WD	3' - 0"	7' - 0"	1 3/4"	HM-1	HMF	3/70-A604	4/70-A605	4/70-A604	---	HW-1.3	
112	LOBBY	B	AL/TG	3' - 0"	7' - 10"	1 3/4"	-	-	2/70-A604	7/70-A604	5/70-A604	---	HW-1.10	ALL-GLASS STOREFRONT DOOR
114	CORRIDOR	B	AL/TG	3' - 2"	7' - 10"	1 3/4"	-	-	1/70-A604	6/70-A604	5/70-A604	---	HW-1.10	ALL-GLASS STOREFRONT DOOR
115	RESTROOM	A	WD	3' - 0"	7' - 0"	1 3/4"	HM-1	HMF	3/70-A604	4/70-A605	4/70-A604	---	HW-1.2	
116	RESTROOM	A	WD	3' - 0"	7' - 0"	1 3/4"	HM-1	HMF	3/70-A604	4/70-A605	4/70-A604	---	HW-1.2	
117	MECHANICAL	A	WD	3' - 0"	7' - 0"	1 3/4"	HM-1	HMF	3/70-A604	4/70-A605	4/70-A604	---	HW-1.1	
118	RR/SHOWER	A	WD	3' - 0"	7' - 0"	1 3/4"	HM-1	HMF	3/70-A604	4/70-A605	4/70-A604	---	HW-1.2	
120	RR/SHOWER	A	WD	3' - 0"	7' - 0"	1 3/4"	HM-1	HMF	3/70-A604	4/70-A605	4/70-A604	---	HW-1.2	
121	CORRIDOR	A	WD	3' - 0"	7' - 0"	1 3/4"	HM-1	HMF	3/70-A604	4/70-A605	4/70-A604	---	HW-1.1	
122	UTILITY	A	WD	3' - 0"	7' - 0"	1 3/4"	HM-1	HMF	3/70-A604	4/70-A605	4/70-A604	---	HW-1.1	
125	CORRIDOR	B	AL/TG	6' - 4"	7' - 11"	1 3/4"	-	-	2/70-A604	7/70-A604	5/70-A604	---	HW-2.5	ALL-GLASS STOREFRONT PAIR OF DOORS

ROOM FINISH SCHEDULE

ROOM			FINISHES				NOTES/ REMARKS
NO.	NAME	AREA	WALL	BASE	FLOOR	CEILING	
Not Placed							
102	CORRIDOR	Not Placed					
BASEMENT LEVEL							
101	ELECTRICAL ROOM	1,699 SF	SC	-	SC	-	
102	COORDOR	384 SF	SC	-	SC	-	
103	STORAGE/MAINT.	1,685 SF	SC	-	SC	-	

LOWER LEVEL

104	CONTROL ROOM	292 SF	P-01	VWB	CPT	PT-01	
105	STORAGE	69 SF	P-01	VWB	EFS	-	
106	LAB	259 SF	P-01	VWB	EFS	PT-01	
107	BREAK ROOM	512 SF	P-01	VWB	LVT-02	-	
108	STORAGE	52 SF	P-01	VWB	LVT-02	-	
109	OFFICE	118 SF	P-01	VWB	CPT	ACT	
110	COPY RM	57 SF	P-01	VWB	LVT-01	-	
111	OFFICE	155 SF	P-01	VWB	CPT	ACT	
112	LOBBY	83 SF	P-01	VWB	LVT-01	-	
113	SHARED OFFICE	215 SF	P-01	VWB	CPT	-	
114	CORRIDOR	624 SF	P-01	VWB	LVT-01	-	
115	RESTROOM	59 SF	PWT	PTB	PFT	PT-01	
116	RESTROOM	56 SF	PWT	PTB	PFT	PT-01	
117	IT SCADA	71 SF	P-01	VWB	SDT	ACT	
118	RR/SHOWER	101 SF	PWT	PTB	PFT	PT-01	
119	UTILITY	160 SF	P-01	VWB	SC	-	
120	RR/SHOWER	108 SF	PWT	PTB	PFT	PT-01	
121	MECHANICAL	154 SF	P-01	VWB	SDT	ACT	
122	JANITOR CLOSET	42 SF	P-01	VWB	SC	PT-01	

1

HARDWARE SET: 1.0 (EXTERIOR EGRESS - PANIC)

- (1) CONTINUOUS HINGE - CFM SLF-HD1 - PE
- (1) RIM PANIC - 6100 x NL x FACILITY KEYING - 630 - YA
- (1) CYLINDER CORE - A600 x MK - 626 - YA
- (1) SURFACE CLOSER - UNI4400 - 689 - YA
- (1) KICK PLATE - K1050 10" HIGH x LDW CSK - US32D - RO
- (1) HD THRESHOLD - 1715 x WIDTH - PE
- (1) PERIMETER SEAL - BY DOOR / FRAME MFR - PE
- (1) SWEEP - 315CN x WIDTH - PE
- (1) DOOR STOP - 441 CU EXP - US32D - RO

HARDWARE SET: 1.11 (STOREFRONT ENTRY - DERIVED FROM 1.3)

- (1) PIVOT HINGE OR STOREFRONT HINGE - BY DOOR MFR - PE
- (1) NARROW STILE ENTRY LOCK - 4704LN - 626 - YA
- (1) CYLINDER CORE - A600 x MK - 626 - YA
- (1) CLOSER (CONCEALED OR SURFACE) - AS REQUIRED - YA
- (1) DOOR BOTTOM / SWEEP - BY STOREFRONT SYSTEM - PE
- (1) DOOR STOP - 441 - RO

HARDWARE SET: 1.1 (STOREROOM - STANDARD HM)

- (1) CONTINUOUS HINGE - CFM SLF-HD1 - PE
- (1) STOREROOM LOCKSET - 4705LN - 626 - YA
- (1) CYLINDER CORE - A600 x MK - 626 - YA
- (1) SURFACE CLOSER - UNI4400 - 689 - YA
- (1) KICK PLATE - K1050 - US32D - RO
- (1) THRESHOLD - 1715 x WIDTH - PE
- (1) SWEEP - 315CN - PE
- (1) DOOR STOP - 441 - RO

1.10 - SINGLE STOREFRONT DOOR (KEYPAD ENTRY)

- (1) PIVOT HINGE OR STOREFRONT HINGE - BY DOOR MFR - PE
- (1) NARROW STILE ELECTRIFIED LOCK OR STRIKE - 626 - YA
- (1) KEYPAD DEVICE - BY SECURITY
- (1) CYLINDER CORE - A600 x MK - 626 - YA
- (1) CLOSER (CONCEALED OR SURFACE) - AS REQUIRED - YA
- (1) THRESHOLD - BY STOREFRONT SYSTEM - PE
- (1) SWEEP - BY STOREFRONT SYSTEM - PE
- (1) DOOR STOP - 441 - RO

HARDWARE SET: 1.2 (PRIVACY - STANDARD HM)

- (1) CONTINUOUS HINGE - CFM SLF-HD1 - PE
- (1) PRIVACY LATCHSET - 4702LN - 626 - YA
- (1) SURFACE CLOSER - UNI4400 - 689 - YA
- (1) KICK PLATE - K1050 10" HIGH x LDW CSK - US32D - RO
- (1) THRESHOLD - 1715 x WIDTH - PE
- (1) SWEEP - 315CN x WIDTH - PE
- (1) DOOR STOP - 441 CU EXP - US32D - RO

HARDWARE SET: 2.0 (EXTERIOR EGRESS - PANIC)

- (2) CONTINUOUS HINGE - CFM SLF-HD1 - PE
- (2) SVR PANIC - 6170 LBR NL - 630 - YA
- (2) SURFACE CLOSER - UNI4400 - 689 - YA
- (2) KICK PLATE - K1050 - US32D - RO
- (1) THRESHOLD - 1715 - PE
- (2) SWEEP - 315CN - PE
- (2) DOOR STOP - 441 - RO

HARDWARE SET: 1.3 (ENTRY - STANDARD HM)

- (1) CONTINUOUS HINGE - CFM SLF-HD1 - PE
- (1) ENTRY LOCKSET - 4704LN - 626 - YA
- (1) CYLINDER CORE - A600 x MK - 626 - YA
- (1) SURFACE CLOSER - UNI4400 - 689 - YA
- (1) KICK PLATE - K1050 - US32D - RO
- (1) THRESHOLD - 1715 x WIDTH - PE
- (1) SWEEP - 315CN - PE
- (1) DOOR STOP - 441 - RO

HARDWARE SET: 2.1 (STOREROOM - STANDARD HM PAIR)

- (2) CONTINUOUS HINGE - CFM SLF-HD1 - PE
- (1) STOREROOM LOCKSET - 4705LN - 626 - YA
- (1) CYLINDER CORE - A600 x MK - 626 - YA
- (2) SURFACE CLOSER - UNI4400 - 689 - YA
- (2) KICK PLATE - K1050 - US32D - RO
- (1) THRESHOLD - 1715 x WIDTH - PE
- (2) SWEEP - 315CN - PE
- (2) DOOR STOP - 441 - RO

Hardware Set: 3.0 OVERHEAD COILING Door

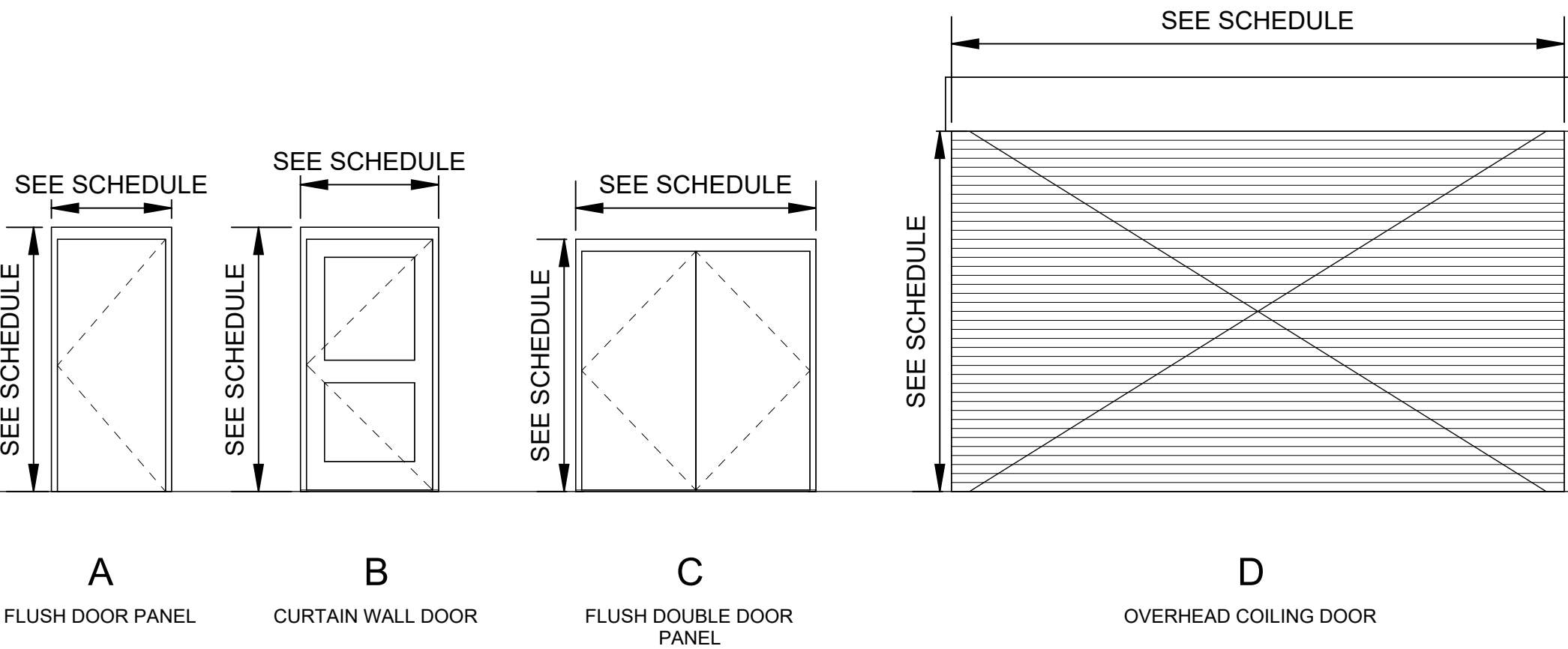
ALL HARDWARE BY MANUFACTURER
COORDINATE LOCKING WITH OWNER

HARDWARE SET: 2.5 (ACCESS CONTROL)

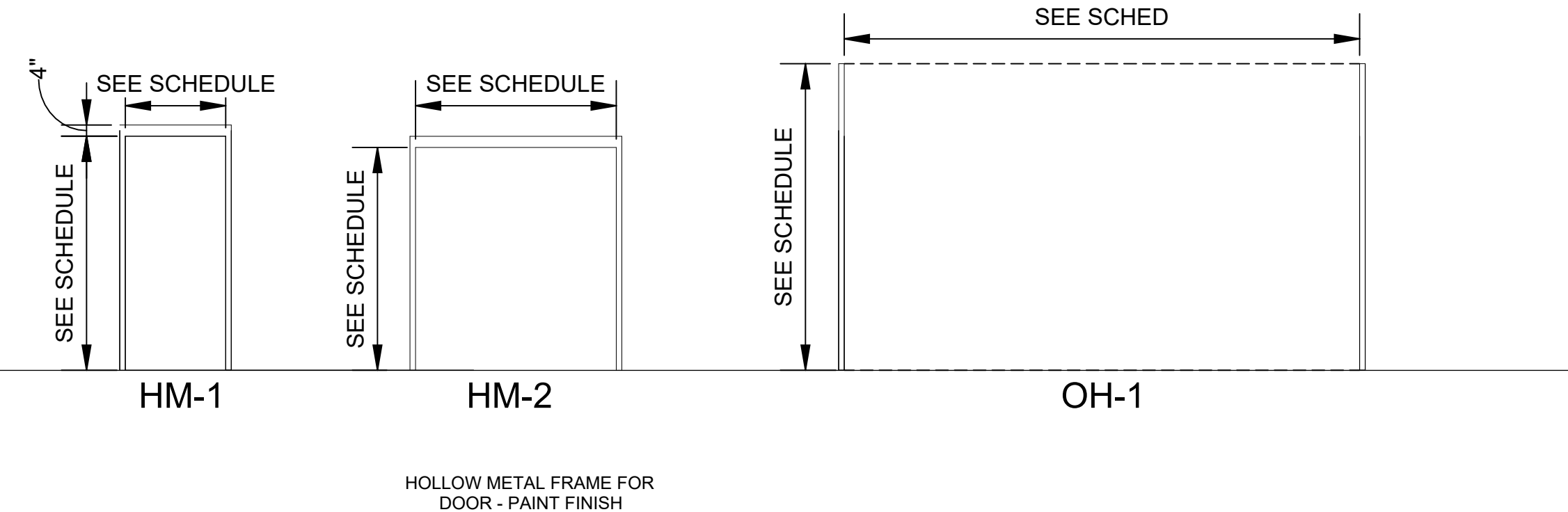
- (2) CONTINUOUS HINGE - CFM SLF-HD1 - PE
- (1) ELECTRIFIED LOCK OR STRIKE - 626 - YA
- (1) CARD READER - BY SECURITY
- (1) CYLINDER CORE - A600 x MK - 626 - YA
- (2) SURFACE CLOSER - UNI4400 - 689 - YA
- (1) THRESHOLD - 1715 x WIDTH - PE
- (2) SWEEP - 315CN x WIDTH - PE
- (2) DOOR STOP - 441 CU EXP - US32D - RO

HARDWARE SET: 1.6 (FIRE-RATED STOREROOM)

- (1) CONTINUOUS HINGE - CFM SLF-HD1 - PE
- (1) STOREROOM LOCKSET (LABELED) - YA
- (1) CYLINDER CORE - A600 - YA
- (1) SURFACE CLOSER - UNI4400 - YA
- (1) SMOKE SEAL - PE
- (1) PERIMETER SEAL - PE
- (1) SWEEP - 315CN - PE
- (1) DOOR STOP - 441 - RO



DOOR TYPES



FRAME TYPES

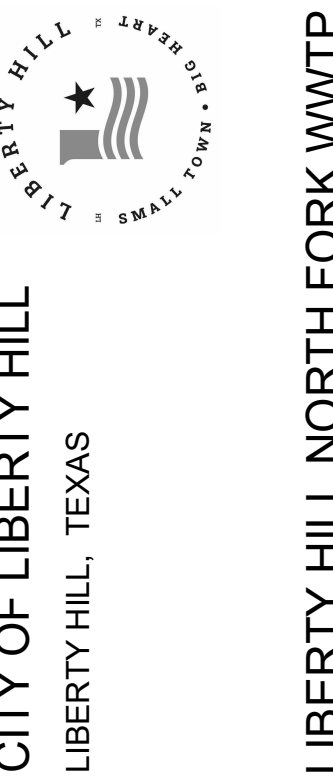


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REGISTRATION NO.
BR-60



REV	DATE	DESCRIPTION	BY
1	09/18/26	ADDENDUM #4	CMR



ADMINISTRATION
BUILDING
SCHEDULES

JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: CMR
DRAWN BY: RAG
CHECKED BY: CMR

BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET,
ADJUST SCALES ACCORDINGLY.
DRAWING NUMBER
70-A601
SHEET
NUMBER **495**

Revit File: Autodeskt Docs//W07-2401219 - Liberty Hill North Fork WWTP Design/W07-2401219_70_ADMINISTRATION BUILDING_ARCHITECTURAL.rvt
Plot Date: 9/17/2026 2:12:00 PM

MATERIAL FINISH SCHEDULE				
ID	MATERIAL	MANUFACTURER	MODEL	NOTES/REMARKS
BASE				
CVB	CONDUCTIVE VINYL BASE	TARKETT	-	-
ICB	INTEGRAL COVE BASE	STONHARDD	STONCLAD UR	COLOR: SILVER GRAY TO MATCH FLOOR
PCB	PORCELAIN BASE TILE	DALTILE	KEYSTONES PORCELAIN TILE	COLOR: ASH GRAY TO MATCH FLOOR
VVB	4" VINYL WALL BASE	TARKETT/JOHNSONITE	TRADITIONAL VINYL WALL BASE	COLOR: CHARCOAL
CASEWORK/FURNITURE				
BKSP	BACKSPLASH	DALTILE	COLOR WHEEL CLASSIC	COLOR: WATERFALL
CW-01	PHENOLIC/CHEMICAL RESISTANT LAMINATE CASEWORK	TRESPA	TOPLAB BASE	COLOR: MID GREY E0-04
CW-02	UPPER CABINETS/PANELS/SURROUND	WILSONART	HIGH PRESSURE LAMINATE	COLOR: SILVER MIST D506
CW-03	BASE CABINETS/DOORS	WILSONART	HIGH PRESSURE LAMINATE	COLOR: PLATINUM D315
CW-04	PHENOLIC/CHEMICAL RESISTANT LAMINATE COUNTERTOP	TRESPA	TOPLAB PLUS EPOXY RESIN	COLOR: ATHLON GRAY
CW-05	COUNTERTOP	WILSONART	WILSONART SOLID SURFACE	COLOR: WHITE STONE
FS	FURNITURE (SYSTEMS)	STEELCASE	ANSWERS/MONTAGE BENCH SYSTEM	FINISH: NEUTRAL LAMINATE, GRAY FABRIC PANELS
SHW-01	PREFINISHED SEAMLESS SHOWER WALL & FLOOR SYSTEM	ALTRO	ALTRO WHITEROCK + ALTRO AQUARIUS	COLOR: SOFT WARM GRAY
CEILING				
ACT	ACOUSTICAL CEILING TILE	ARMSTRONG		COLOR TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE
P-01	WALL PAINT	SHERWIN-WILLIAMS	PRO INDUSTRIAL INTERIOR LATEX EGG SHELL	COLOR: REPOSE GRAY SW 7015
DOOR				
AA	ANODIZED ALUMINUM	KAWNEER	TRIFAB 451	COLOR TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE
FRP	FIBERGLASS-REINFORCED PLASTIC	JAMISON DOORS	JAMOCOR	RE: DOOR SCHEDULES AND SPECS FOR ADDITIONAL INFORMATION
GL-01	CLEAR GLAZING	KAWNEER	TRIFAB 451	LOW-E CLEAR GLAZING
HMD	METAL DOOR, PAINTED	SHERWIN WILLIAMS	E SERIES	RE: DOOR SCHEDULES AND SPECS FOR ADDITIONAL INFORMATION
HMF	HOLLOW METAL FRAME, PAINTED	SHERWIN-WILLIAMS	E SERIES	RE: DOOR SCHEDULES AND SPECS FOR ADDITIONAL INFORMATION
ISP	INSULATED STEEL PANEL	OVERHEAD DOOR	SECTIONAL STEEL DOOR MODEL 424	RE: DOOR SCHEDULES AND SPECS FOR ADDITIONAL INFORMATION
TG	DOOR GLAZING, CLEAR TEMPERED	TRUDOOR		RE: DOOR SCHEDULES AND SPECS FOR ADDITIONAL INFORMATION
WD	SOLID CORE WOOD DOOR	TRUDOOR	COMMERCIAL WOOD DOOR WITH GLASS	RE: DOOR SCHEDULES AND SPECS FOR ADDITIONAL INFORMATION
FASCIA, GUTTERS, DOWNSPOUTS				
PMP	PREFINISHED METAL PANEL	PAC-CLAD	PAC-TITE	COLOR: WHITE
FLOOR				
CPC	CAST-IN-PLACE CONCRETE	TNEMEC	F22 EPOXOLINE	RE: SPECS FOR FINISH REQUIREMENTS
CPT	COMPOSITE CARPET TILE	INTERFACE	COMPOSURE	COLOR: NEUTRAL GREY/TAUPE
CUF	CEMENTITIOUS URETHANE FLOORING	STONHARD	STONCLAD UR	COLOR: SILVER GRAY
LVT-01	24"X24" VINYL TILE	SHAW CONTRACT	COLORLINK RESILIENT LVT	COLOR: SILVER/CONCRETE GRAY
LVT-02	24"X24" VINYL TILE	SHAW CONTRACT	COLORLINK RESILIENT LVT	COLOR: BASE 77504
PFT	12"X24" PORCELAIN FLOOR TILE	DALTILE	KEYSTONES PORCELAIN TILE	COLOR: ASH GRAY
SC	CAST-IN-PLACE CONCRETE, SEALED	-		RE: SPECS FOR FINISH REQUIREMENTS
SDT	24" x 24" STATIC DISSIPATIVE FLOORING TILE	TARKETT	IQ GRANIT SD	COLOR : LIGHT GRAY 395
ROOF				
MSP	METAL SOFFIT PANEL	BERRIDGE	THIN-LINE PANEL	COLOR: SHASTA WHITE
SSMR	STANDING SEAM METAL ROOF PANEL	BERRIDGE	CEE-LOCK PANEL	COLOR: ACRYLIC GALVALUME
STOREFRONTS, WINDOWS				
AA	ANODIZED ALUMINUM STOREFRONT	KAWNEER	TRIFAB 451	COLOR TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE
GL-01	CLEAR GLAZING	KAWNEER	TRIFAB 451	LOW-E CLEAR GLAZING
STRUCTURAL FRAMING				
P-03	STRUCTURAL STEEL, PAINTED	SHERWIN-WILLIAMS		COLOR TO MATCH CITY'S COLOR SCHEME
WALL				
BMV-01	MODULAR BRICK MASONRY VENEER, RUNNING BOND	ACME BRICK	GOLDEN SUNSET - VELOUR	
BMV-02	MODULAR BRICK MASONRY VENEER, SOLDIER COURSE	ACME BRICK	GOLDEN SUNSET - VELOUR	
CMU	CONCRETE MASONRY UNITS	BEST BLOCK	STANDARD CONCRETE BLOCK	RE: SPECS FOR FINISH REQUIREMENTS
CPC	CAST-IN-PLACE CONCRETE	TNEMEC	F22 EPOXOLINE	RE: SPECS FOR FINISH REQUIREMENTS
GWB	GYPSUM WALL BOARD, PAINTED	SHERWIN-WILLIAMS	E SERIES	RE: SPECS FOR FINISH REQUIREMENTS
MWP-01	22 GA. CORRUGATED METAL WALL PANEL, VERTICAL	BERRIDGE	BR-12	COLOR: CITYSCAPE
MWP-02	22 GA. CORRUGATED METAL WALL PANEL, HORIZONTAL	BERRIDGE	BR-12	COLOR: CITYSCAPE
P-01	WALL PAINT	SHERWIN-WILLIAMS	PRO INDUSTRIAL INTERIOR LATEX EGG SHELL	COLOR: REPOSE GRAY SW 7015
PMP	PREFINISHED METAL PANEL	PAC-CLAD	PAC-TITE	COLOR: WHITE
PTB	6" TILE WALL BASE	DALTILE	COLOR WHEEL CLASSIC	COLOR: ARCTIC WHITE
PWT	PORCELAIN WALL TILE	DALTILE	COLOR WHEEL CLASSIC	COLOR: ARCTIC WHITE
SSMR	STANDING SEAM METAL ROOF PANEL	BERRIDGE	CEE-LOCK PANEL	<varies>
VVB	4" VINYL WALL BASE	JOHNSONITE		COLOR: STORM GRAY / CHARCOAL



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REGISTRATION NO.
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ADMINISTRATION
BUILDING
SCHEDULES

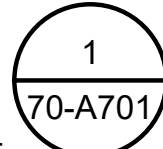
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DRAWN BY: RAG
CHECKED BY: CMR

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
70-A602
SHEET NUMBER **496**

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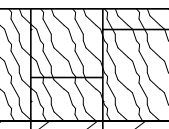
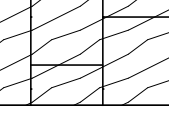
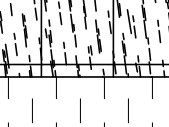
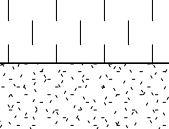
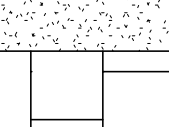
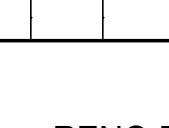


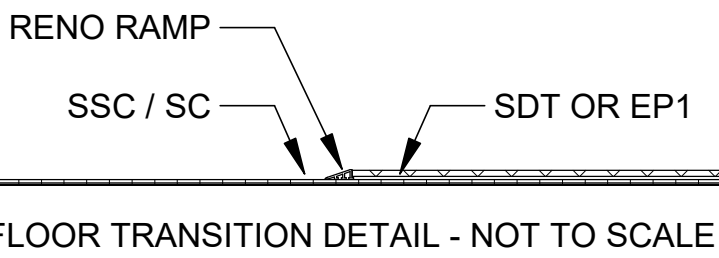
 PROJECT NORTH
 70-A701
FLOORING PLAN
SCALE: 3/16" = 1'-0"

GENERAL NOTES

1. REFER TO GENERAL SHEETS FOR OTHER GENERAL NOTES.
2. REFER TO ALL CIVIL/MEP/STRUCTURAL SHEETS FOR REQUIRED WORK.
3. ALL DIMENSIONS ARE TO FACE OF CMU, GYP BD, OR CENTER LINE OF GRID.
4. INSIDE FACE OF DOOR FRAME JAMBS (HINGE SIDE) ARE LOCATED 6" MIN. FROM ADJACENT PERPENDICULAR WALLS (UNLESS NOTED OTHERWISE).
5. PROVIDE BLOCKING/BRACING FOR ALL WALL MOUNTED, ATTACHED, AND RECESSED EQUIPMENT AND FURNISHINGS AS RECOMMENDED BY MANUFACTURERS.
6. PROVIDE 1'-6" CLEAR AREA AT PULL SIDE OF DOORS.
7. PROVIDE 1'-0" CLEAR AREA AT PUSH SIDE OF DOORS WITH LATCH AND CLOSER.
8. REFER TO 70-A701 FOR FLOOR FINISHES.
9. REFER TO 70-A601 FOR DOOR TYPES & TYPICAL DETAILS.
10. SEE SPECIFICATIONS FOR HARDWARE SETS.
11. REFER TO 70-A501 FOR PARTITION SCHEDULE

FINISH FLOOR LEGEND

TYPE	DESCRIPTION
 LVT 01	LINEAR VINYL TILE
 LVT 02	LINEAR VINYL TILE
 SC	SEALED/STAINED CONCRETE
 CPT	CARPET TILE
 SDT	STATIC-DISSIPATIVE TILE 
 CUF	CEMENTITIOUS URETHANE FLOORING
 PFT	PORCELAIN FLOOR TILE

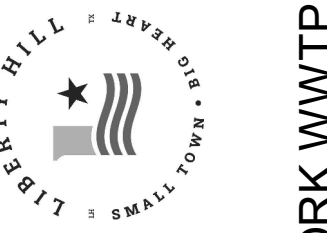


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REGISTRATION NO.
BR-60



BY	CMR		
DESCRIPTION	ADDENDUM #4		
DATE	09/18/26		
REV	1		



CITY OF LIBERTY HILL
LIBERTY HILL, TEXAS
LIBERTY HILL NORTH FORK WWTP

ADMINISTRATION
BUILDING FLOORING
PLAN

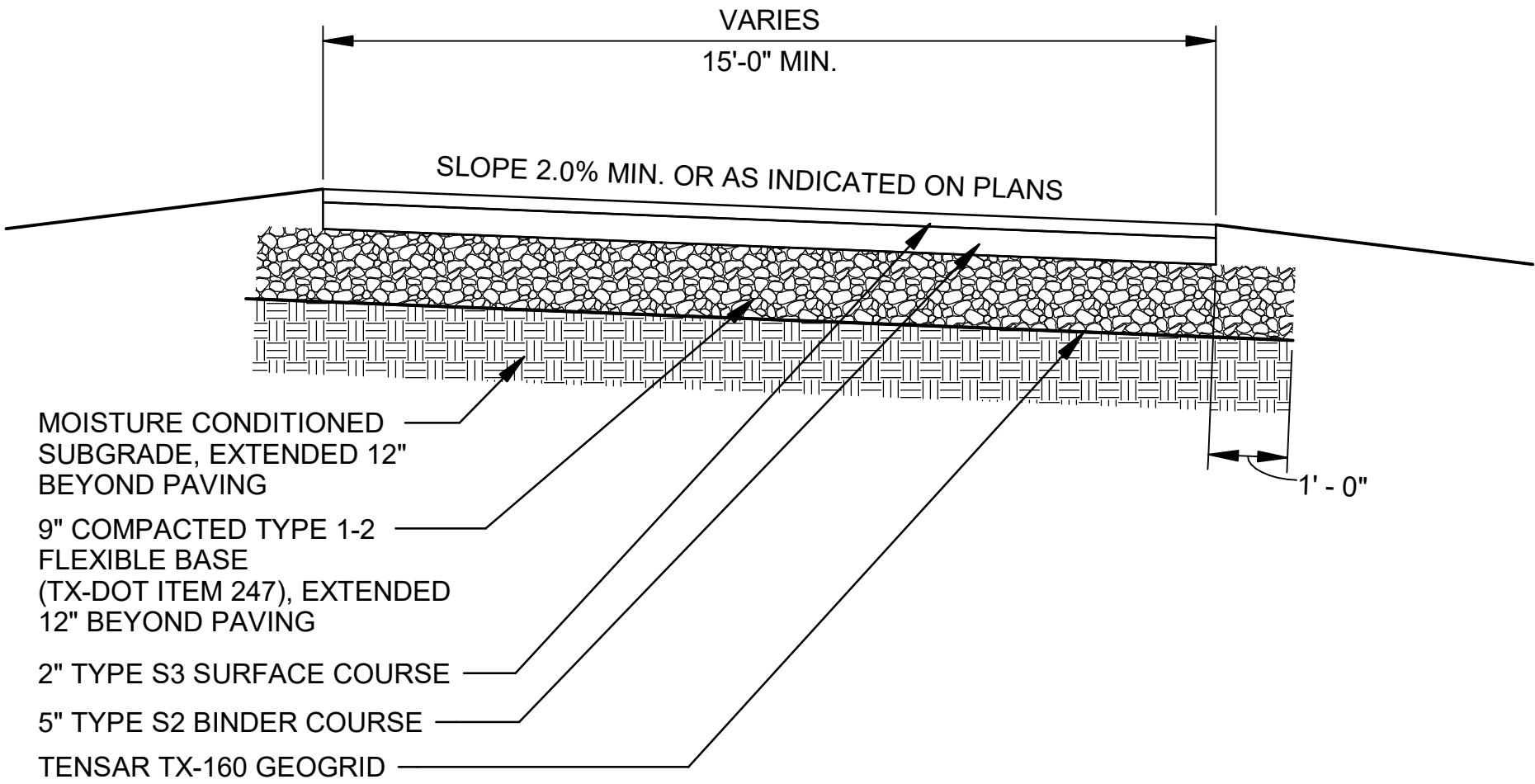
JOB NO.: W07-2401219
DATE: AUG. 2026
DESIGNED BY: CMR
DRAWN BY: RAG
CHECKED BY: CMR

BAR IS ONE INCH ON
ORIGINAL DRAWING 1"
IF NOT ONE INCH ON THIS SHEET,
ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
70-A701
SHEET
NUMBER **500**

NOTE:

1. TYPICAL PAVING SECTION SHOWN. PROVIDE DIFFERENT SLOPE AND WIDTH ARRANGEMENTS WHERE REQUIRED FOR DRAINAGE AND/OR BY GRADING PLAN.



1	09/18/26	ADDENDUM NO. 4	SJM
REV	DATE	DESCRIPTION	BY
ASPHALT PAVEMENT - TX			DIVISION D32
			SECTION - DETAIL NO. 1216-001
			DATE: AUG. 2026



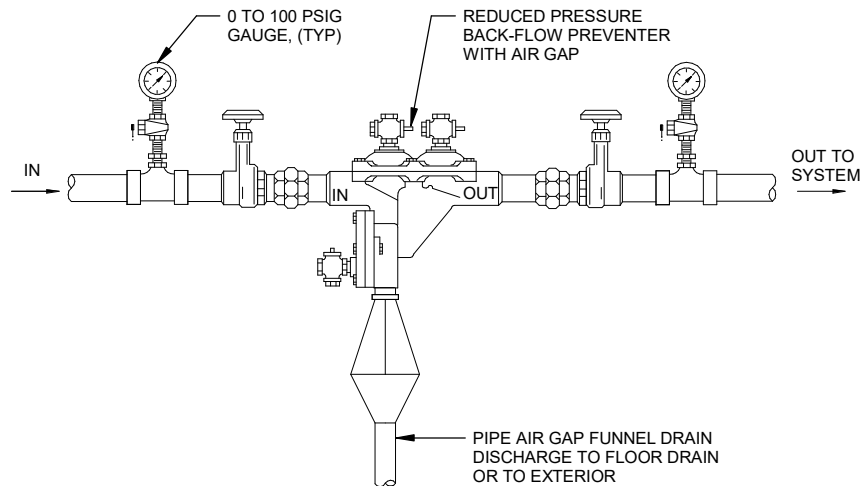
CITY OF LIBERTY HILL
3604 RONALD REAGAN BLVD, LIBERTY HILL, TX 78642

NORTH FORK WWTP

JOB NO.:W07-2401219



DETAIL NOT TO SCALE



NOTES:

1. PROVIDE SUPPORTS FOR RPBP.
2. RPBP IS ONLY REQUIRED WHEN SAMPLING FINISHED WATER



CITY OF LIBERTY HILL
3604 RONALD REAGAN BLVD, LIBERTY HILL, TX 78642



NORTH FORK WWTP

JOB NO.: W07-2401219

DETAIL NOT TO SCALE

REV	DATE	DESCRIPTION	BY
WATER REDUCED PRESSURE BACKFLOW PREVENTER (RPBP)			DIVISION D33
			SECTION - DETAIL NO. 1113-001
			DATE: 7/7/2026