

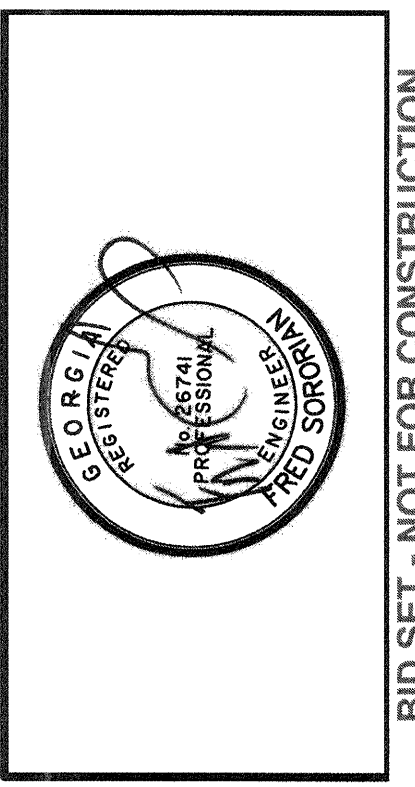
HANDRAIL LEGEND
 ——— FIXED ALUMINUM HANDRAILS
 - - - - - REMOVABLE ALUMINUM HANDRAILS FOR MEMBRANE RETRIEVAL

1 OVERALL ARCHITECTURAL PLAN
 A0.1 SCALE : 1/8" = 1'-0"

ALUMINUM STAIRCASE
 20 T @ 11" = 18' - 4"
 21 R @ 6 1/2" = 11' - 3"

ALUMINUM HANDRAILS
 WITH 42" MIN. GUARD RAIL
 AND 4" ALUMINUM PICKETS (TYP.)
 SEE SHEET A5.5

NOTE:
 SEE SHEET A10 FOR MBR BUILDING
 FIRST FLOOR AND SECOND FLOOR PLANS



NO.	ISSUED FOR BIDS	REVISIONS	BY	DATE
0			CDR	5-01-19

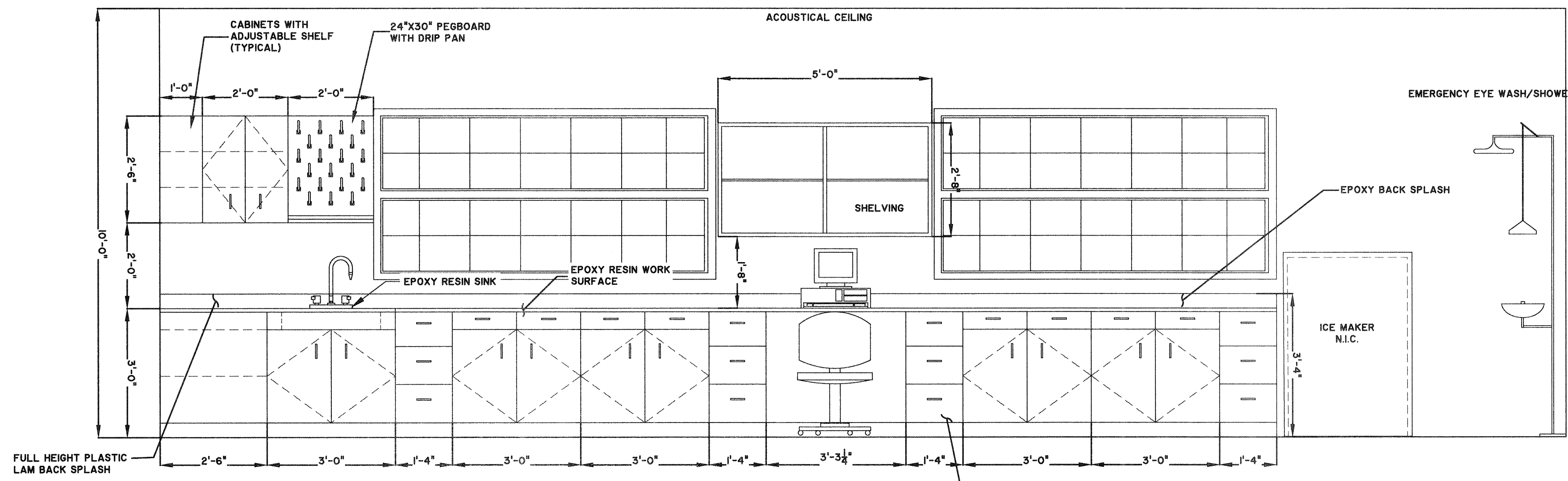
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OVERALL ARCHITECTURAL PLAN

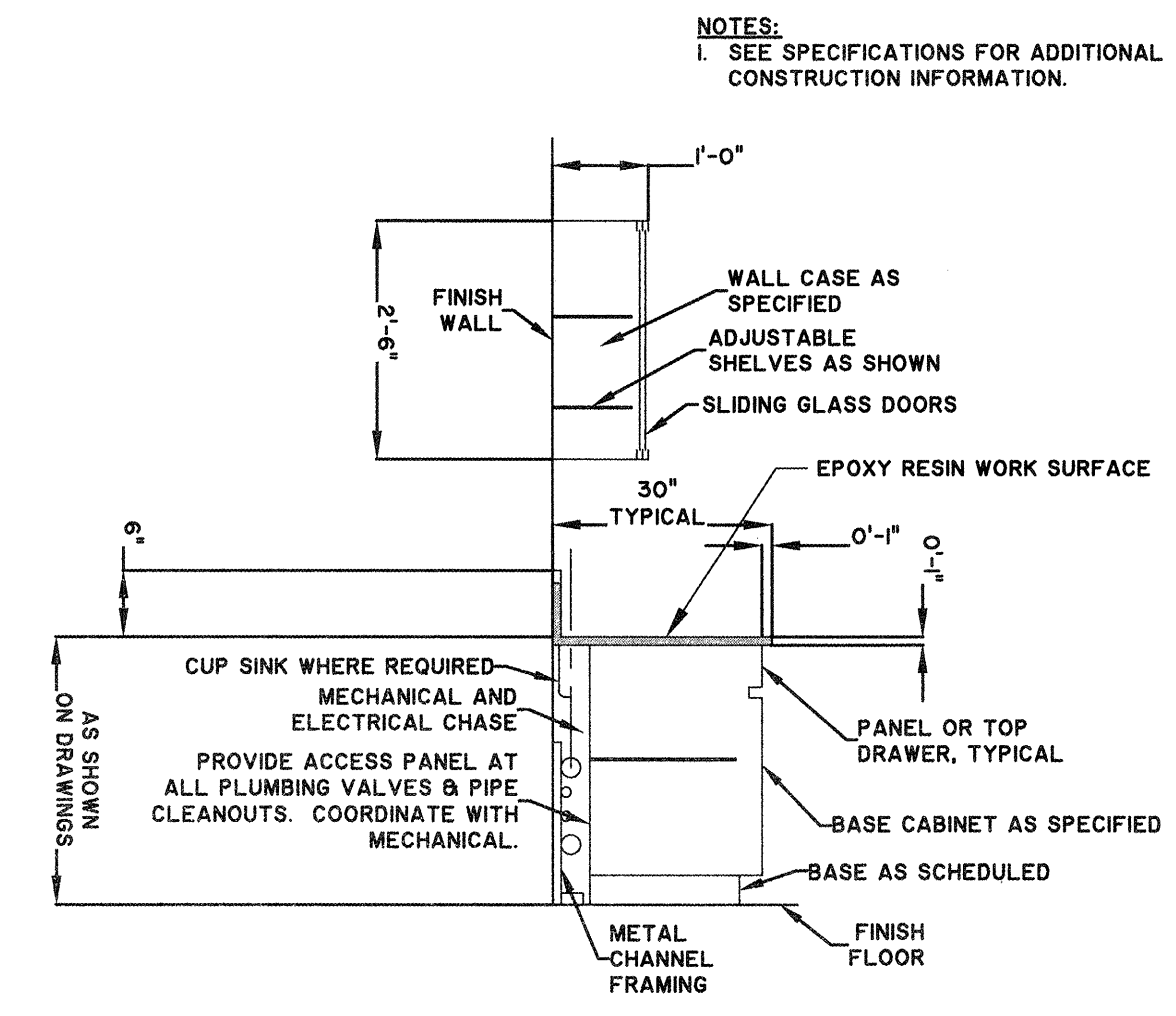
JOB NO:	J-26963.0000
DATE:	1-16-19
DRAWN:	CDR
DESIGNED:	CDR
REVIEWED:	FS
APPROVED:	FS
SCALE:	1" = 96"

A0.1

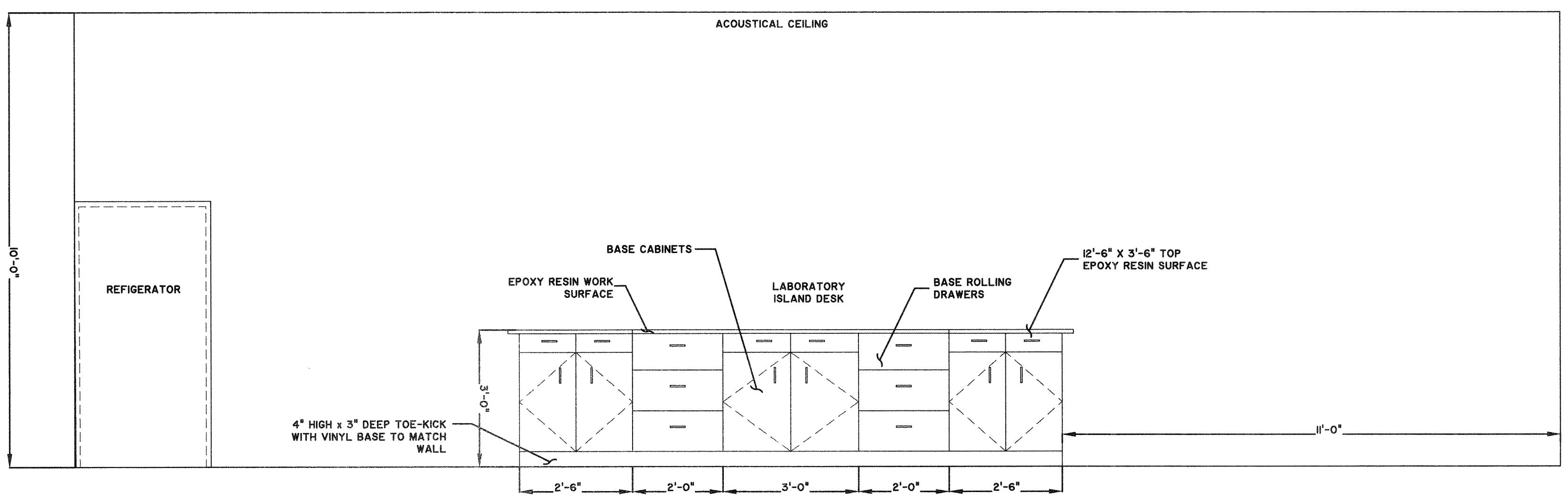
BID SET - NOT FOR CONSTRUCTION



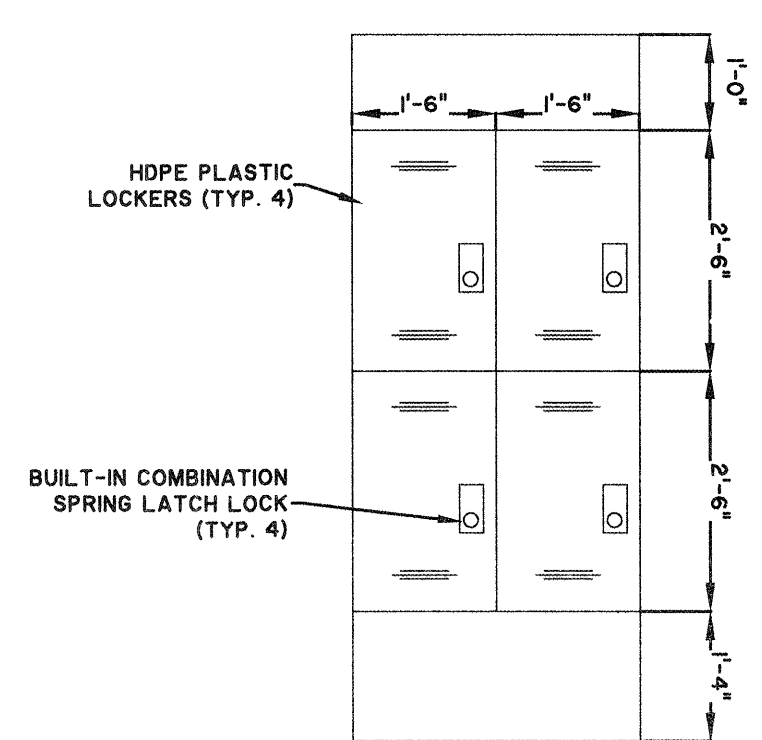
1 LABORATORY ELEVATION LOOKING NORTH
A1.1 | A1.2 SCALE: 1/2"=1'-0"



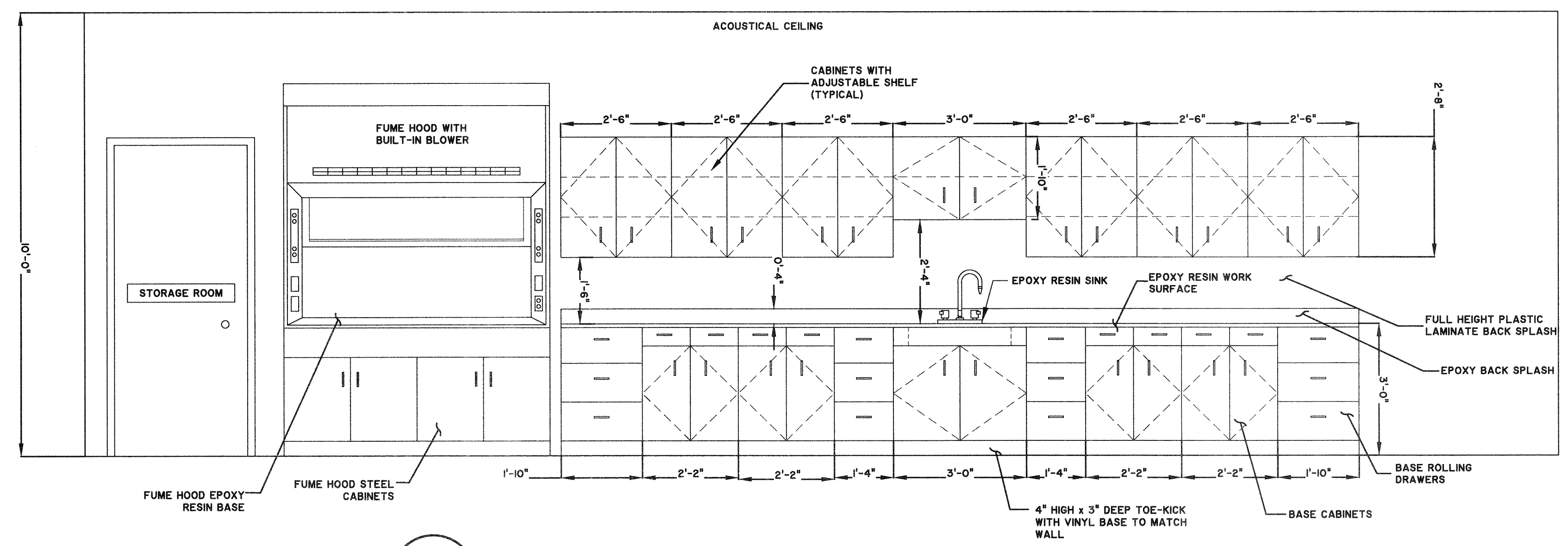
LAB CABINET SECTION
SCALE: N.T.S.



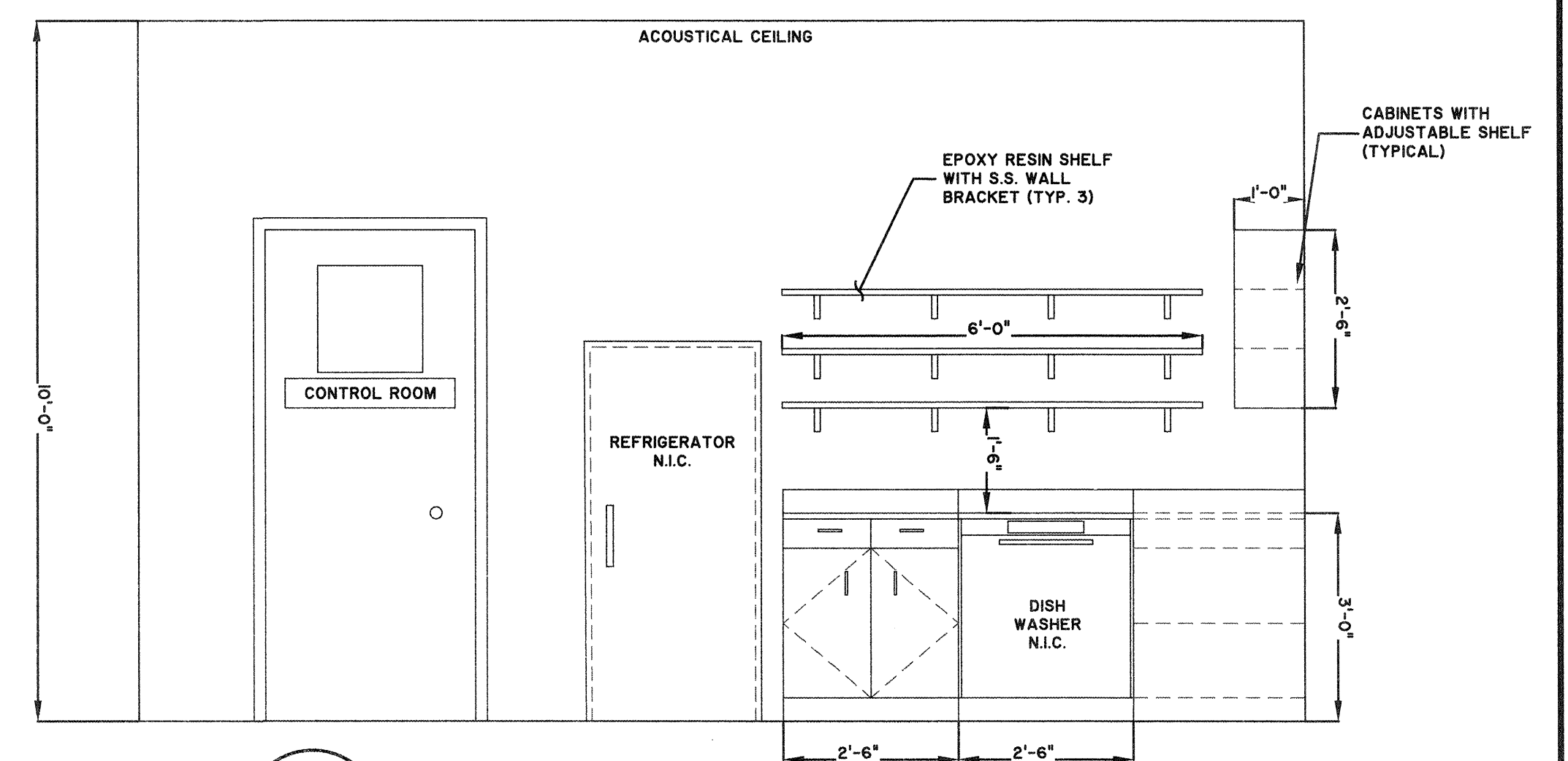
2 LABORATORY ELEVATION LOOKING NORTH
A1.1 | A1.2 SCALE: 1/2"=1'-0"



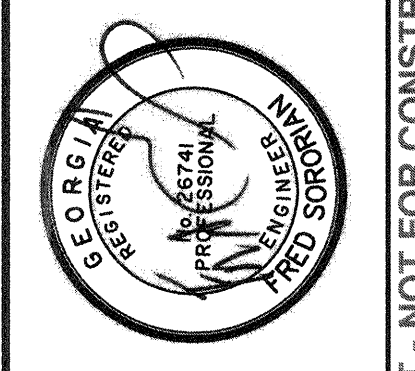
WALL MOUNTED LOCKER ELEVATION
SCALE: 1/2"=1'-0"



3 LABORATORY ELEVATION LOOKING SOUTH
A1.1 | A1.2 SCALE: 1/2"=1'-0"



4 LABORATORY ELEVATION LOOKING WEST
A1.1 | A1.2 SCALE: 1/2"=1'-0"



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SECOND FLOOR ELEVATIONS

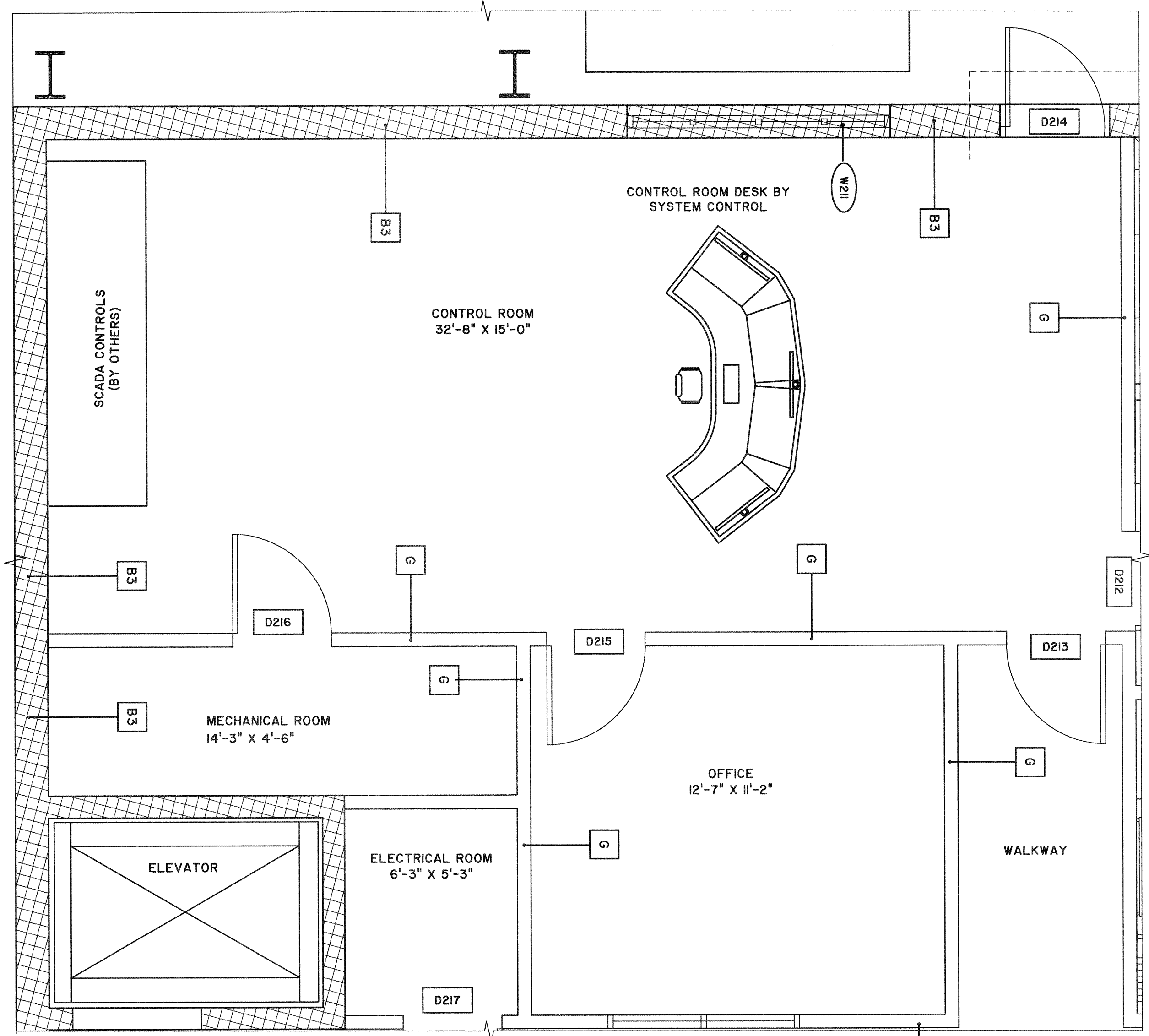
JOB NO:	J-26963.0000
DATE:	1-16-19
DRAWN:	CDR
DESIGNED:	CDR
REVIEWED:	AL
APPROVED:	FS
SCALE:	1/2"=1'-0"

A1.2

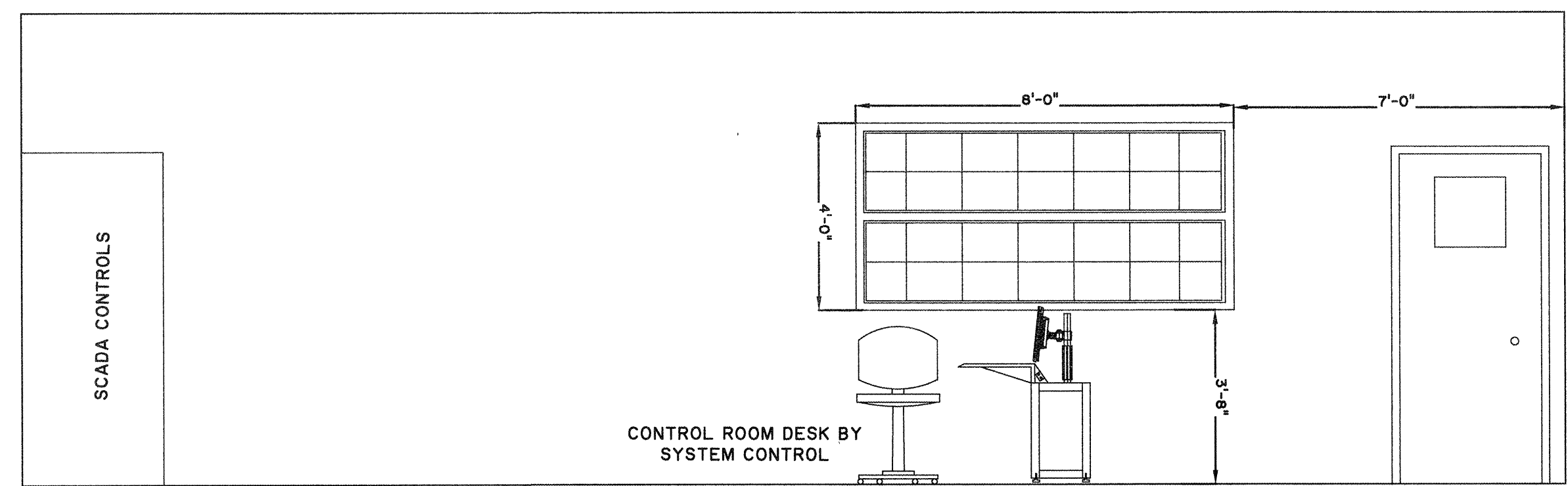
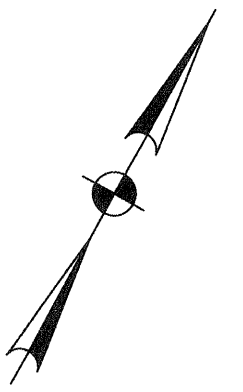
BID SET - NOT FOR CONSTRUCTION

Z:\Projects\16663000\16663000.dwg (Sample) - Project: 16663000 - 10/1/19 - 10/1/19 - 10/1/19 - 10/1/19

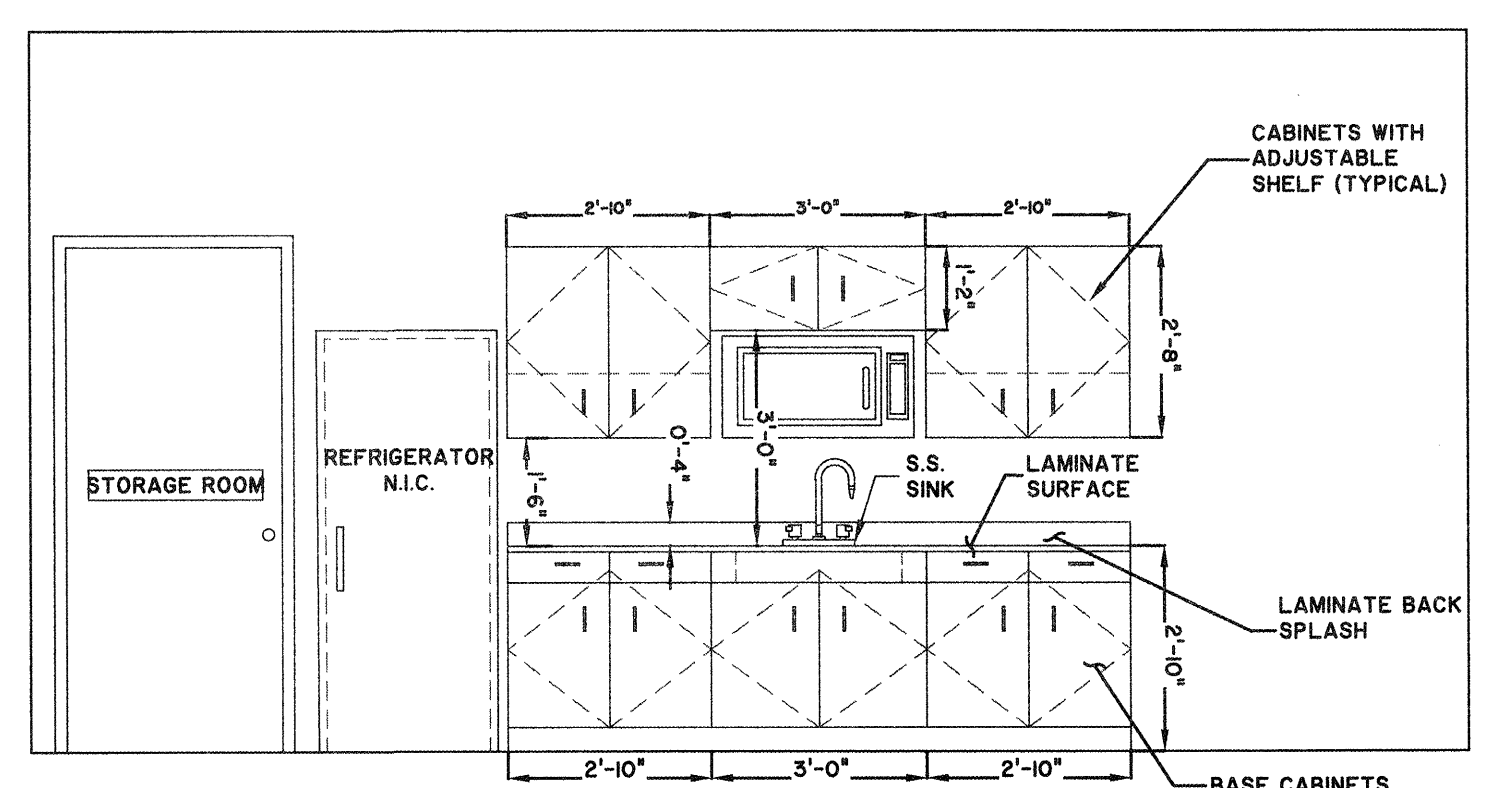
2
A1.3



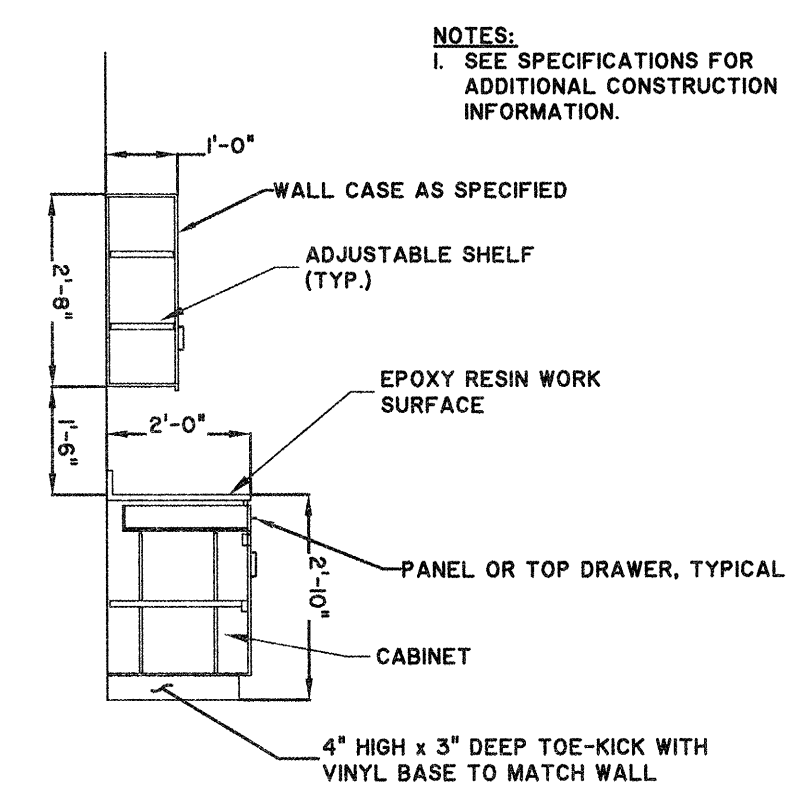
1 **SECOND FLOOR PLAN DETAILS**
A1.3 SCALE : 3/8" = 1'-0"



2 **SECTION**
A1.3 SCALE : 3/8" = 1'-0"

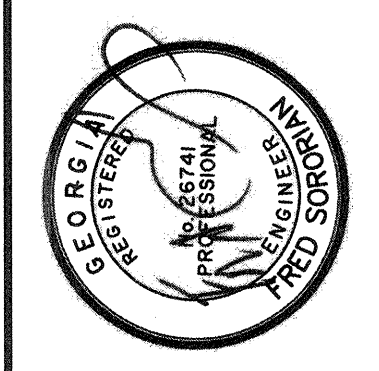


3 **BREAKROOM ELEVATION LOOKING EAST**
A1.1 | A1.3 SCALE: 3/8"=1'-0"



4 **BREAKROOM BASE AND WALL CABINET DETAIL**
A1.3 SCALE : 3/8" = 1'-0"

NOTES:
1. SEE SPECIFICATIONS FOR ADDITIONAL CONSTRUCTION INFORMATION.



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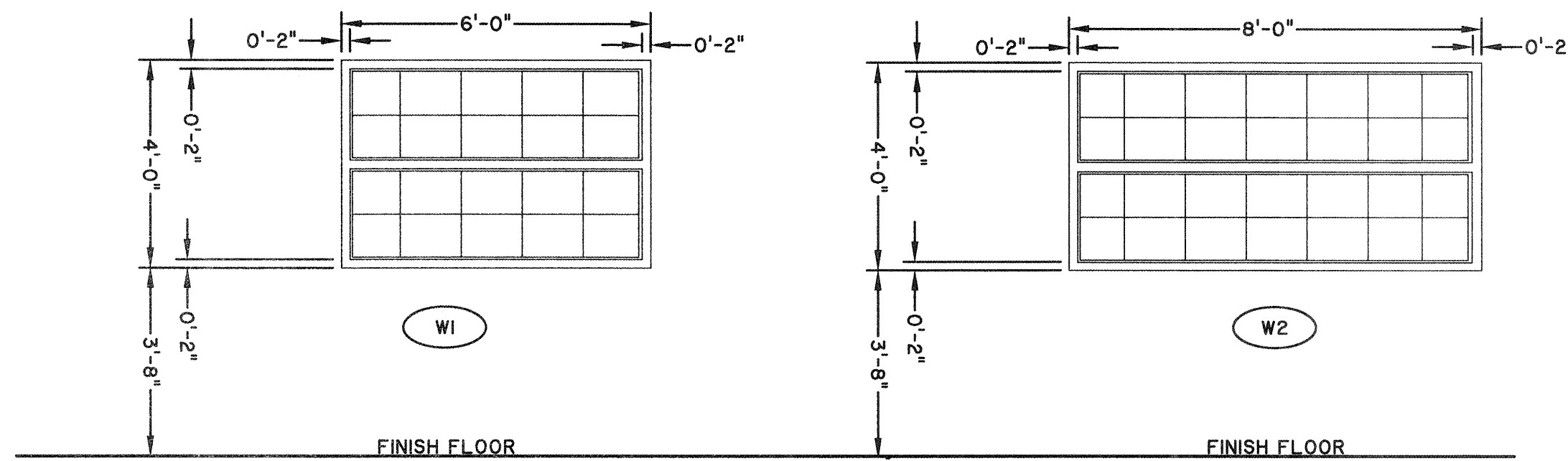
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 SECOND FLOOR PLAN AND ELEVATIONS

JOB NO:	J-26963.0000
DATE:	1-16-19
DRAWN:	CDR
DESIGNED:	CDR
REVIEWED:	AL
APPROVED:	FS
SCALE:	AS NOTED

A1.3

BID SET - NOT FOR CONSTRUCTION

WINDOW SCHEDULE	
WINDOW NO.	WINDOW TYPE
W201	W1
W202	W1
W203	W1
W204	W1
W205	W1
W206	W2
W207	W1
W208	W1
W209	W2
W210	W2
W211	W2
W212	W1



WINDOW									
DOOR TYPE	OPENING				FRAME				
	SIZE	TYPE	GLASS	MATERIAL	DETAIL				
WIDTH	HEIGHT				EXTERIOR FINISH	INTERIOR FINISH	HEAD	SILL	
W1	4'-0"	6'-0"	FIXED	INSULATED TINTED IMPACT RATED	FIBERGLASS	FIBERGLASS COMPOSITE	MANUF. STD COLOR	A-WIND-1	A-WIND-1
W2	4'-0"	8'-0"	FIXED	INSULATED TINTED IMPACT RATED	FIBERGLASS	FIBERGLASS COMPOSITE	MANUF. STD COLOR	A-WIND-1	A-WIND-1

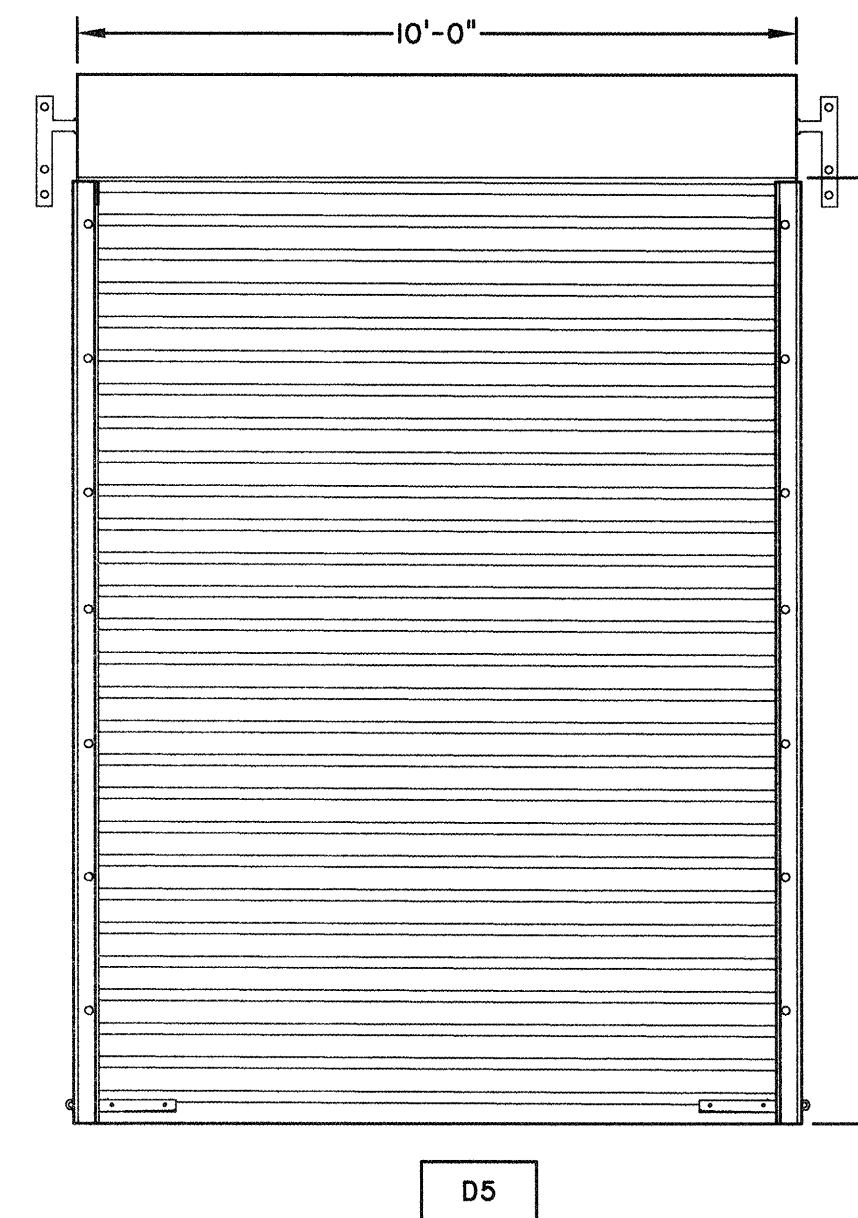
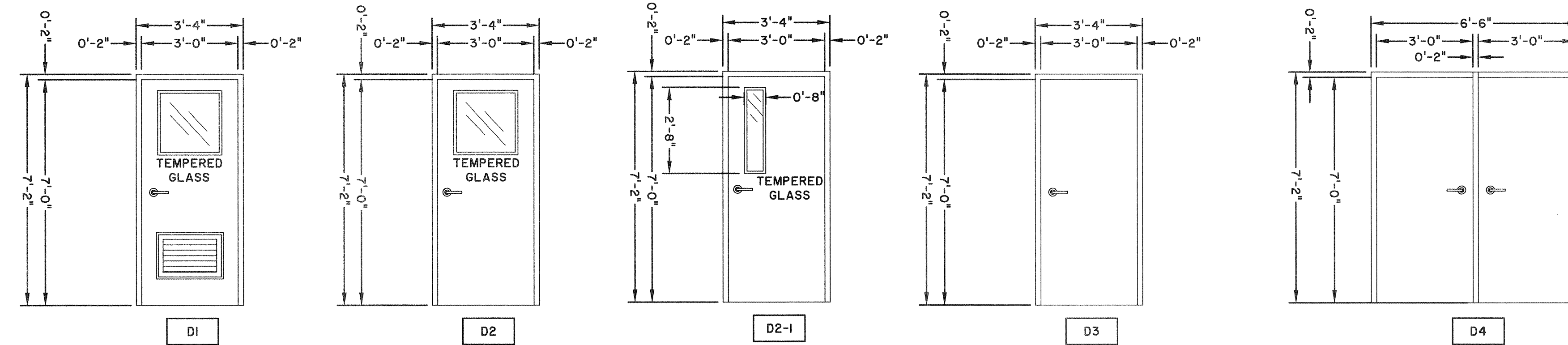
NOTE:
SEE DETAIL SHEET A5.I FOR FRAME DETAILS

WINDOW NOTES:

1. CONTRACTOR TO VERIFY ALL DIMENSIONS AND ROUGH OPENINGS.
2. MANUFACTURER VERIFY ROUGH OPENING DIMENSIONS PRIOR TO WINDOW FABRICATION
3. ALL INTERIOR GLAZING TO BE TEMPERED.
4. ALL NEW EXTERIOR GLAZING SYSTEMS SHALL COMPLY WITH IBC 1609.1.4 FOR IMPACT RESISTANCE AND IBC 1609.1.2 FOR WIND LOADING CRITERIA, EXPOSURE AS NOTED.
5. GLAZED OPENINGS LOCATED WITHIN 30 FEET OF GRADE SHALL MEET THE REQUIREMENTS OF THE LARGE MISSILE TEST OF ASTM E 1996.
6. CONTRACTOR TO REPORT ANY DISCREPANCIES IN DIMENSIONS TO ARCHITECT PRIOR TO ORDERING OR INSTALLATION.

DOOR NOTES:

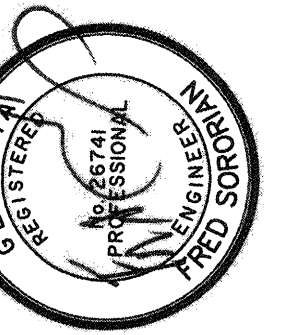
1. COORDINATE FRAME, JAMB, HEAD, AND SILL WIDTH WITH ACTUAL WALL WIDTH/SIZE.
2. ALL INTERIOR DOOR GLAZING TO BE TEMPERED.
3. CONTRACTOR TO VERIFY ALL DIMENSIONS AND ROUGH OPENINGS.
4. MANUFACTURER TO VERIFY ROUGH OPENING DIMENSIONS PRIOR TO FABRICATION
5. CONTRACTOR TO REPORT ANY DISCREPANCIES IN DIMENSIONS TO ARCHITECT PRIOR TO ORDERING OR INSTALLATION.
6. ALL EXTERIOR THRESHOLDS TO BE ADA COMPLIANT.
7. ALL HARDWARE SHALL BE PROVIDED BY A SINGLE HARDWARE SUPPLIER.
8. THE CONTRACTOR SHALL SUBMIT A HARDWARE SCHEDULE FOR REVIEW BY THE ARCHITECT PRIOR TO INSTALLATION, WHICH INCLUDES LOCKSETS, HINGES, DEADBOLTS, FLOORSTOPS, AND ANY OTHER HARDWARE.
9. COORDINATE KEYING WITH OWNER.
10. INTERIOR WOOD FLUSH DOORS TO HAVE FACTORY APPLIED STAIN AND CLEAR FINISH AS SELECTED BY OWNER.
11. ALL NEW EXTERIOR GLAZING SYSTEMS SHALL COMPLY WITH IBC 1609.1.4 FOR IMPACT RESISTANCE AND IBC 1609.1.2 FOR WIND LOADING CRITERIA, EXPOSURE AS NOTED.
12. GLAZED OPENINGS LOCATED WITHIN 30 FEET OF GRADE SHALL MEET THE REQUIREMENTS OF THE LARGE MISSILE TEST OF ASTM E 1996.



- NOTE:
1. ALL DOOR HARDWARE INCLUDING CLOSURES, DOOR STOPS, HINGES, ETC. TO BE STAINLESS STEEL.
 2. COLOR SHALL BE SELECTED FROM MANUFACTURERS STANDARD COLORS DURING SUBMITTAL PROCESS.
 3. SEE MANUFACTURERS DETAILS FOR DOOR AND WINDOW TRIM.
 4. SEE SHEET A5.I FOR FRAME DETAILS
 5. DOOR D107 AND D108 SHALL BE EQUIPPED WITH PANIC HARDWARE
 6. ALL DOORS SHALL BE EQUIPPED WITH S.S. KICK PLATES

DOOR SCHEDULE														
DOOR NO.	DOOR TYPE	DIMENSIONS			DOOR				FRAME		DOOR DETAILS			
		WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	GLASS	FIRE LABEL	MATERIAL	FINISH	HEAD	JAMB	SILL	MISC.
D101	D1	3'-0"	7'-0"	1-3/4"	FIBERGLASS	PAINT	IMPACT RESISTANT	—	FIBERGLASS	PAINT	S-DOOR-5	S-DOOR-5	S-DOOR-7	CLOSER
D102	D4	6'-2"	7'-0"	1-3/4"	FIBERGLASS	PAINT	—	—	FIBERGLASS	PAINT	S-DOOR-5	S-DOOR-5	S-DOOR-7	
D103	D5	10'-0"	13'-2"	1-3/4"	ALUMINUM	ANODE	—	—	ALUMINUM	SEE SPEC	S-DOOR-5	S-DOOR-5	S-DOOR-7	
D104	D5	10'-0"	13'-2"	1-3/4"	ALUMINUM	ANODE	—	—	ALUMINUM	SEE SPEC	S-DOOR-5	S-DOOR-5	S-DOOR-7	
D105	D1	3'-0"	7'-0"	1-3/4"	FIBERGLASS	PAINT	IMPACT RESISTANT	—	FIBERGLASS	PAINT	S-DOOR-5	S-DOOR-5	S-DOOR-7	
D106	D2	3'-0"	7'-0"	1-3/4"	HOLLOW METAL	PAINT	IMPACT RESISTANT	2 HR	HOLLOW METAL	PAINT	S-DOOR-5	S-DOOR-5	S-DOOR-7	CLOSER
D107	D3	3'-0"	7'-0"	1-3/4"	FIBERGLASS	PAINT	—	—	FIBERGLASS	PAINT	S-DOOR-5	S-DOOR-5	S-DOOR-7	
D108	D4	6'-2"	7'-0"	1-3/4"	FIBERGLASS	PAINT	—	—	FIBERGLASS	PAINT	S-DOOR-5	S-DOOR-5	S-DOOR-7	
D109	D3	3'-0"	7'-0"	1-3/4"	HOLLOW METAL	PAINT	—	2 HR	HOLLOW METAL	PAINT	S-DOOR-4	S-DOOR-4	S-DOOR-7	CLOSER

DOOR SCHEDULE														
DOOR NO.	DOOR TYPE	DIMENSIONS			DOOR				FRAME		DOOR DETAILS			
		WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	GLASS	FIRE LABEL	MATERIAL	FINISH	HEAD	JAMB	SILL	MISC.
D201	D3	3'-0"	7'-0"	1-3/4"	HOLLOW METAL	PAINT	—	60 MIN	HOLLOW METAL	PAINT	S-DOOR-5	S-DOOR-5	S-DOOR-7	CLOSER
D202	D2	3'-0"	7'-0"	1-3/4"	HOLLOW METAL	PAINT	IMPACT RESISTANT	2 HR	HOLLOW METAL	PAINT	S-DOOR-5	S-DOOR-5	S-DOOR-7	CLOSER
D203	D3	3'-0"	7'-0"	1-3/4"	WOOD	PAINT	—	—	HOLLOW METAL	PAINT	—	—	S-DOOR-6	
D204	D3	3'-0"	7'-0"	1-3/4"	HOLLOW METAL	PAINT	—	60 MIN	HOLLOW METAL	PAINT	—	—	S-DOOR-6	CLOSER
D205	D2	3'-0"	7'-0"	1-3/4"	WOOD	PAINT	CERAMIC	—	HOLLOW METAL	PAINT	—	—	S-DOOR-6	
D206	D2	3'-0"	7'-0"	1-3/4"	FIBERGLASS	PAINT	IMPACT RESISTANT	—	FIBERGLASS	PAINT	S-DOOR-4	S-DOOR-4	S-DOOR-7	
D207	D2	3'-0"	7'-0"	1-3/4"	WOOD	PAINT	CERAMIC	—	HOLLOW METAL	PAINT	—	—	S-DOOR-6	
D208	D3	3'-0"	7'-0"	1-3/4"	WOOD	PAINT	—	—	HOLLOW METAL	PAINT	—	—	S-DOOR-6	
D209	D3	3'-0"	7'-0"	1-3/4"	WOOD	PAINT	—	—	HOLLOW METAL	PAINT	—	—	S-DOOR-6	
D210	D3	3'-0"	7'-0"	1-3/4"	WOOD	PAINT	—	—	HOLLOW METAL	PAINT	—	—	S-DOOR-6	
D211	D3	3'-0"	7'-0"	1-3/4"	WOOD	PAINT	—	—	HOLLOW METAL	PAINT	—	—	S-DOOR-6	
D212	D2	3'-0"	7'-0"	1-3/4"	WOOD	PAINT	CERAMIC	—	HOLLOW METAL	PAINT	—	—	S-DOOR-6	
D213	D2	3'-0"	7'-0"	1-3/4"	WOOD	PAINT	CERAMIC	—	HOLLOW METAL	PAINT	—	—	S-DOOR-6	
D214	D2	3'-0"	7'-0"	1-3/4"	FIBERGLASS	PAINT	IMPACT RESISTANT	—	FIBERGLASS	PAINT	S-DOOR-4	S-DOOR-4	S-DOOR-7	
D215	D2-1	3'-0"	7'-0"	1-3/4"	WOOD	PAINT	CERAMIC	—	HOLLOW METAL	PAINT	—	—	S-DOOR-6	
D216	D3	3'-0"	7'-0"	1-3/4"	HOLLOW METAL	PAINT	—	60 MIN	HOLLOW METAL	PAINT	—	—	S-DOOR-6	CLOSER
D217	D3	3'-0"	7'-0"	1-3/4"	HOLLOW METAL	PAINT	—	60 MIN	HOLLOW METAL	PAINT	—	—	S-DOOR-6	CLOSER
D218	D3	3'-0"	7'-0"	1-3/4"	HOLLOW METAL	PAINT	—	2 HR	HOLLOW METAL	PAINT	S-DOOR-4	S-DOOR-4	S-DOOR-7	CLOSER



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TRAVIS FIELD WATER RECLAMATION FACILITY
DOOR AND WINDOW SCHEDULE

JOB NO.:	J-26963.0000
DATE:	1-16-19
DRAWN:	CDR
DESIGNED:	CDR
REVIEWED:	AL
APPROVED:	FS
SCALE:	AS NOTED

A1.4

BID SET - NOT FOR CONSTRUCTION

2/20/2013 10:00 AM C:\Users\jgibson\Documents\Projects\104835000 - FC - 11.dwg - 11/11/13 - 10:00 AM

ROOM NAME	INTERIOR FINISH SCHEDULE								
	FLOORING		MATERIAL	WALL FINISH				CEILING	
	FLOOR	BASE		NORTH	SOUTH	EAST	WEST	MATERIAL	HEIGHT
BATHROOM	QT	QB	GYPSUM BOARD	PT-01	PT-01	PT-01	PT-01	ACOUSTICAL CEILING TILE	10'-0"
CONTROL ROOM	PST	RB	GYPSUM BOARD	PT-02	PT-01	PT-01	PT-01	ACOUSTICAL CEILING TILE	10'-0"
OFFICE	PST	RB	GYPSUM BOARD	PT-01	PT-02	PT-01	PT-01	ACOUSTICAL CEILING TILE	10'-0"
BREAKROOM	PST	RB	GYPSUM BOARD	PT-01	PT-01	PT-02	PT-01	ACOUSTICAL CEILING TILE	10'-0"
LABORATORY	QT	QB	GYPSUM BOARD	PT-02	PT-01	PT-01	PT-01	ACOUSTICAL CEILING TILE	10'-0"
STORAGE ROOM AND JANITOR CLOSET (TYP.)	QT	QB	GYPSUM BOARD	PT-01	PT-01	PT-01	PT-01	ACOUSTICAL CEILING TILE	10'-0"
SERVER ROOM	PST	RB	GYPSUM BOARD	PT-01	PT-01	PT-01	PT-01	ACOUSTICAL CEILING TILE	10'-0"
ELECTRICAL/MCC ROOM	FINISHED CONCRETE	—	12" OR 8" CMU	PT-01	PT-01	PT-01	PT-01	ACOUSTICAL CEILING TILE	10'-0"
MECHANICAL ROOM	PST	RB	GYPSUM BOARD	PT-01	PT-01	PT-01	PT-01	ACOUSTICAL CEILING TILE	10'-0"
CORRIDOR (TYP.)	PST	RB	GYPSUM BOARD	PT-01	PT-01	PT-01	PT-01	ACOUSTICAL CEILING TILE	10'-0"
UPSTAIRS LANDING	PST	RB	GYPSUM BOARD	PT-01	PT-01	PT-01	PT-01	ACOUSTICAL CEILING TILE	10'-0"
STAIR	FINISHED CONCRETE	RB	GYPSUM BOARD	PT-01	PT-01	PT-01	PT-01	ACOUSTICAL CEILING TILE	—
ELEVATOR	PST	—	SEE NOTE 1	SEE NOTE 1	SEE NOTE 1	SEE NOTE 1	SEE NOTE 1	EXPOSED STRUCTURE	SEE NOTE 1
AUXILIARY ROOM	FINISHED CONCRETE	—	12" OR 8" CMU	—	—	—	—	EXPOSED STRUCTURE	22'-1 1/2"
SLUDGE BUILDING	FINISHED CONCRETE	SEE NOTE 2	SEE NOTE 2	SEE NOTE 2	SEE NOTE 2	SEE NOTE 2	SEE NOTE 2	SEE NOTE 2	SEE NOTE 2

INTERIOR FINISH NOTES:
 1. SEE ELEVATOR SPECIFICATIONS FOR FINISHES. COLOR SELECTION SHALL BE MADE DURING SUBMITTALS.
 2. SEE METAL BUILDING SPECIFICATIONS FOR SLUDGE BUILDING FINISHES.

FINISH LEGEND			
MARKER	MATERIAL	MANUFACTURER	STYLE/FINISH
PST	PORCELAIN STONE TILE	CROSSVILLE	PROTON PO 12X12
QT	QUARRY TILE	DALTILE	ARID FLASH 0048 6X6
RF	RESINOUS FLOORING	STONTEC UTF STONHARD, INC	STONTEC - MOJAVE BEIGE
RB	4" RUBBER BASE	JOHNSONITE	28 MEDIUM GREY
QB	QUARRY BASE	DALTILE	Q-1665 BULLNOSE
PT-01	PAINT	SHERWIN-WILLIAMS	SW 9085
PT-02	PAINT	SHERWIN-WILLIAMS	SW 7045

WALL TYPES

TYPE	RATING	DETAIL
A	2 HR U905	<p>8" or 12" CMU</p>
B	2 HR U905	<p>5/8" GWB 1-5/8" FURRING @ 16" O.C. w/ FOAM FILL INSULATION 1 1/2" RIGID INSULATION BITUMINOUS DAMPROOFING 1" AIR GAP 4" CMU SPLIT FACE 8" OR 12" CMU w/ FOAM FILL INSULATION</p> <p>B1: WITHOUT GWB AND FURRING B2: CAST-IN-PLACE CONCRETE IN PLACE OF CMU B3: WITHOUT SPLIT FACE CMU AND RIGID INSULATION</p>
C		NOT USED
D		NOT USED

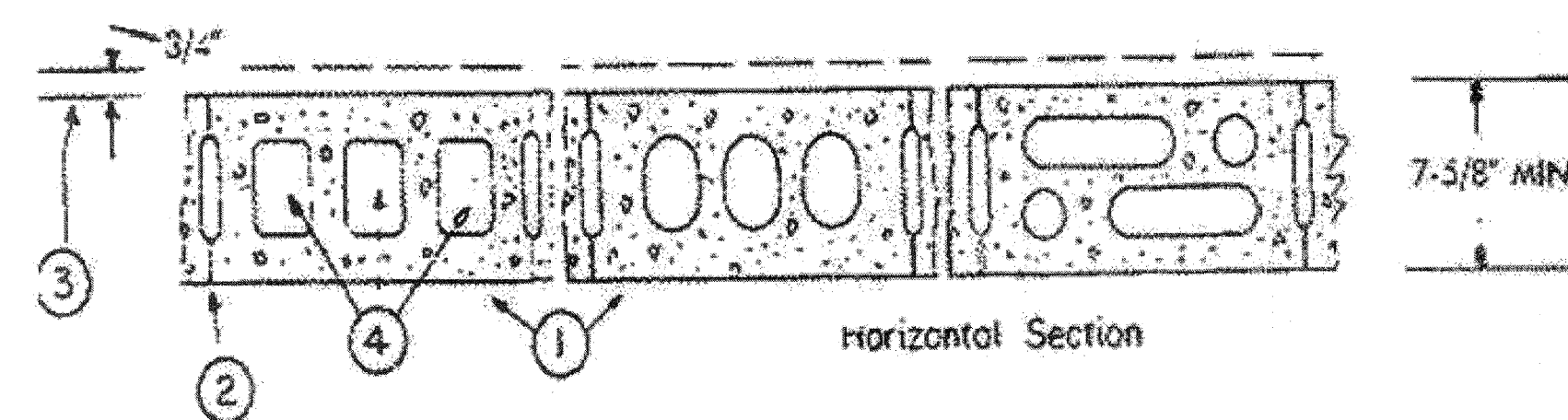
Design No. U905

September 30, 2010

Bearing Wall Rating — 2 HR.

Nonbearing Wall Rating — 2 HR

Load Restricted for Canadian Applications — See Guide BXUVZ

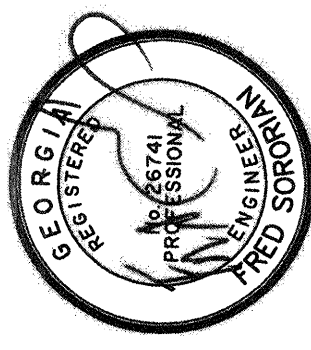


- Concrete Blocks*** — Various designs. Classification D-2 (2 hr).
See **Concrete Blocks** category for list of eligible manufacturers.
- Mortar** — Blocks laid in full bed of mortar, nom. 3/8 in. thick, of not less than 2-1/4 and not more than 3-1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.
- Portland Cement Stucco or Gypsum Plaster** — Add 1/2 hr to classification if used. Where combustible members are framed in wall, plaster or stucco must be applied on the face opposite framing to achieve a max. Classification of 1-1/2 hr. Attached to concrete blocks (Item 1).
- Loose Masonry Fill** — If all core spaces are filled with loose dry expanded slag, expanded clay or shale (Rotary Kiln Process), water repellent vermiculite masonry fill insulation, or silicone treated perlite loose fill insulation add 2 hr to classification.
- Foamed Plastic*** — (Optional-Not Shown) — 1-1/2 in. thick max, 4 ft wide sheathing attached to concrete blocks (Item 1).

THE DOW CHEMICAL CO — Type Thermax Sheathing, Thermax Light Duty Insulation, Thermax Heavy Duty Insulation, Thermax Metal Building Board, Thermax White Finish Insulation, Thermax ci Exterior Insulation, Thermax IH Insulation, Thermax Plus Liner Panel and Thermax Heavy Duty Plus (HDP)

TYPE	RATING	DETAIL
E	0 HR	<p>3-5/8" GALV. STEEL STUDS @ 16" O.C. 5/8" GWB @ EI</p>
EI	1 HR	<p>3-5/8" GALV. STEEL STUDS @ 16" O.C. 5/8" GWB @ EI</p> <p>1 HR = UL DESIGN NO U419</p>
F	0 HR	<p>3-5/8" GALV. STEEL STUDS @ 16" O.C. 5/8" GWB (NOT REQUIRED AT SHOWER STALL) 5/8" GLASS MESH MORTAR UNIT (GMMU) CERAMIC TILE</p>
G	0 HR	<p>3-5/8" GALV. STEEL STUDS @ 16" O.C. 5/8" GWB 5/8" GWB MINERAL FIBER BATT, FULL THICK</p>
H	2 HR U905	<p>12" OR 8" CMU</p>

NOTE: USE WATER RESISTANT GYPSUM AT ALL BATHROOMS, BREAKROOM, LABORATORY, OR ANY OTHER WET LOCATION AREAS



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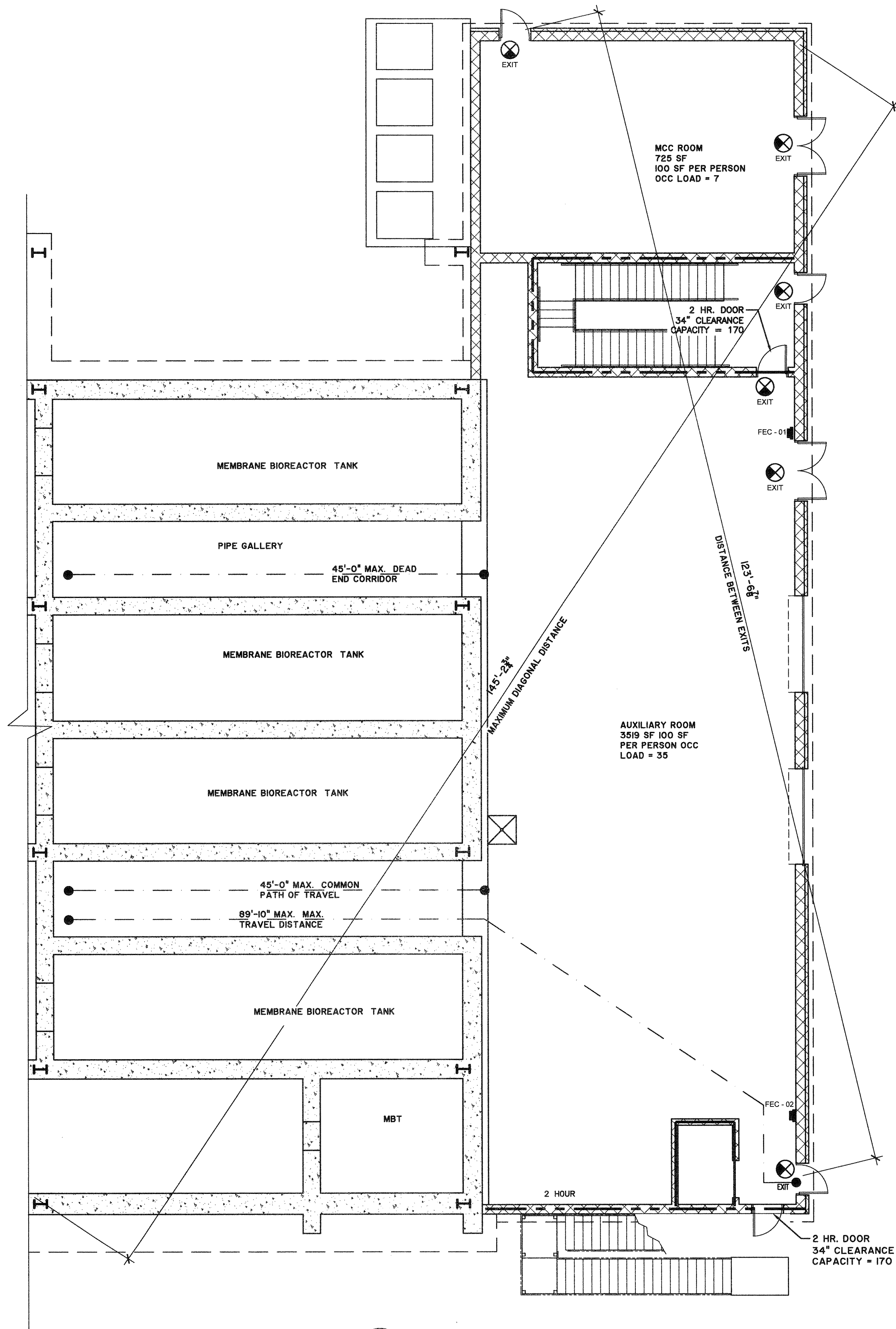
NO.	ISSUED FOR BIDS	BY	DATE
0		CDR	5-9-13

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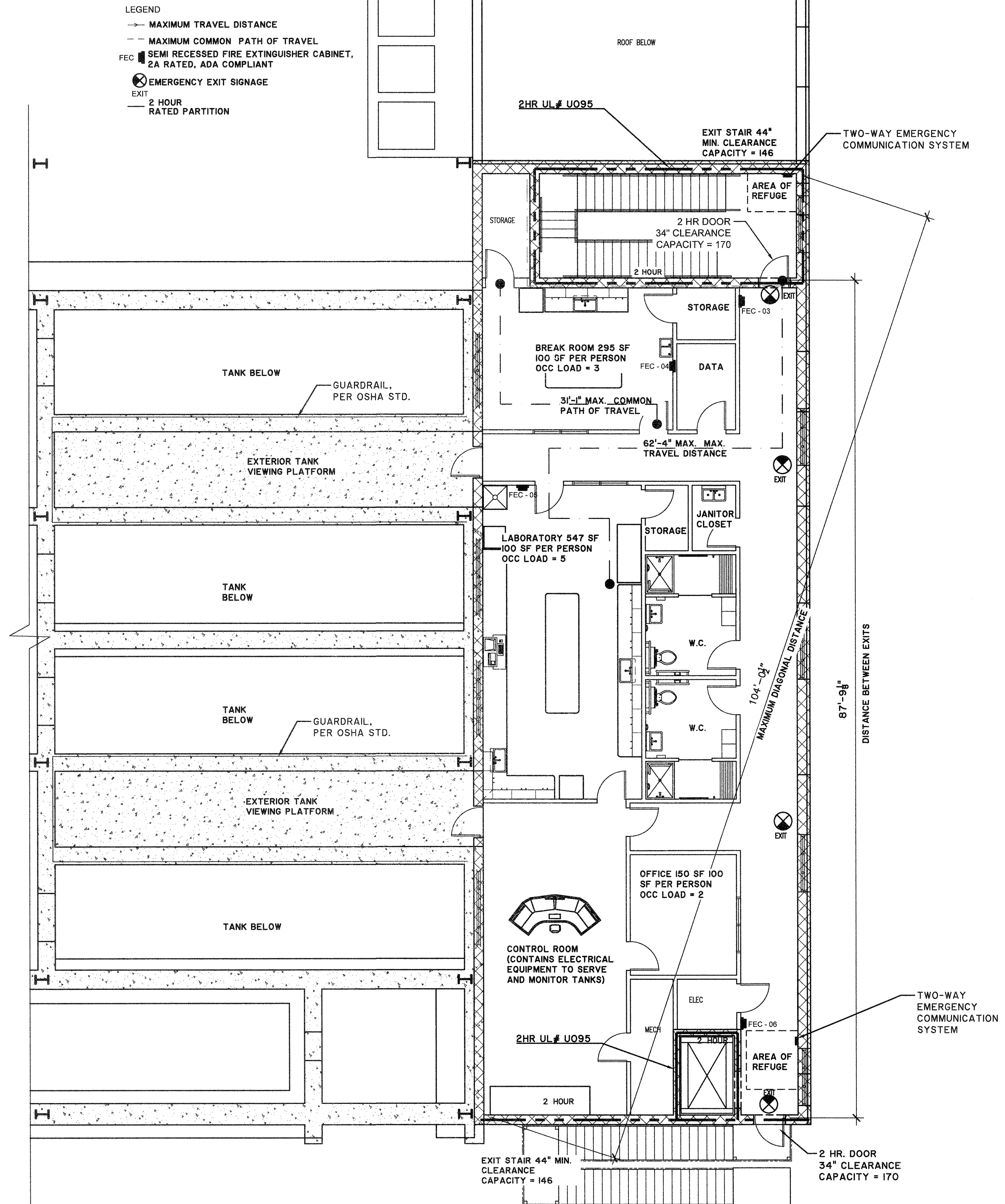
SAVANNAH savannahga.gov
 TRAVIS FIELD WATER RECLAMATION FACILITY
WALL AND FLOOR PLAN SCHEDULES

JOB NO:	J-28963.0000
DATE:	1-16-13
DRAWN:	CDR
DESIGNED:	CDR
REVIEWED:	AL
APPROVED:	FS
SCALE:	1" = 32'

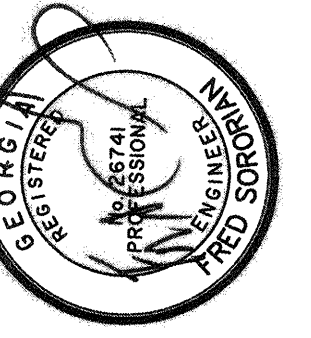
A1.5



1 LIFE SAFETY LOWER LEVEL PLAN
A1.6 SCALE: 1/8" = 1'-0"



2 LIFE SAFETY UPPER LEVEL PLAN
A1.6 SCALE: 1/8" = 1'-0"



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TRAVIS FIELD WATER RECLAMATION FACILITY
LIFE SAFETY PLAN

JOB NO:	J-26963.0000
DATE:	1-16-19
DRAWN:	CDR
DESIGNED:	CDR
REVIEWED:	AL
APPROVED:	FS
SCALE:	

A1.6

CODE DATA

I. GENERAL

- A. Property Address: 104 Airways Avenue Savannah, Georgia 31406
- B. Property PIN: 2-0984-01-001
- C. Gross Building Area: (yes tanks) 8470 sf (1st floor) 7612 sf (2nd floor) 16082 sf (TOTAL)
- D. Building Height in Stories: 2 Stories

II. Code Requirements:

- A. Applicable Codes (with Georgia Amendments): 2012 International Building Code (IBC with 2018 Georgia Amendments) 2012 Life Safety Code (LSC) - NFPA 101 2012 International Mechanical Code 2012 International Plumbing Code 2012 National Electrical Code 2012 International Energy Conservation Code 2012 International Fire Code 2010 Accessibility Code
- B. Occupancy Classification: - Group U 'Utility and Miscellaneous' (IBC 312.2) w/ incidental business uses General Industrial Occupancy (LSC 40.2.1.1) w/ incidental business uses - Office use square footage to be 992 sf, which is less than 10% of total project area of 16,082 sf
- C. Construction Type: Type II B - (IBC Section 602) Unsprinkled, Unprotected -All materials shall comply with IBC Section 603
- D. Height and Area Limitations (IBC Table 503) Group U - Maximum # of Stories: 2 Story Actual # of Stories: 2 (Complies) Allowable Area: 8,500 sf per floor (17,000 TOTAL) Actual Area: 16,082 sf Gross Area (Complies)

- E. Construction protection
 - 1. Fire Protection of Building Elements (IBC Table 601)
 - Structural Frame: 0 hours Required; 0 hours Provided
 - Bearing Walls - Exterior: 0 hours Required; 0 hours Provided
 - Bearing Walls - Interior: 0 hours Required; 0 hours Provided
 - Non-Bearing Walls: 0 hours Required; 0 hours Provided
 - Floor/Ceiling construction: 0 hours Required; 0 hours Provided
 - Roof/Ceiling construction: 0 hours Required; 0 hours Provided

- F. Occupancy Load (LSC 7.3.1.2)
 - Total People: 4,244 SF / 100 SF per person = 42 max occupants
 - 1st Floor Industrial: 4,244 SF / 100 SF per person = 42 max occupants
 - 2nd Floor Business: 992 SF x 100 SF per person = 10 max occupants Industrial: N/A (No Regularly Occupied Spaces)

- G. Means of Egress
 - 1. Egress Capacity for Level Components and Ramps (LSC Table 7.2.5.2):
 - 1st Floor 42 people x.2"/person = 8.4" required; +34" Provided
 - 2nd Floor 10 people x.2"/person = 2" required; +34" Provided
 - 2. Egress Capacity for Stairs (LSC 7.2.2.1):
 - 1st Floor N/A
 - 2nd Floor 10 people x.3"/person = 3" required; +44" Provided
 - 3. Doors (LSC 7.2.1.2.3):
 - Required: 34"; Provided: 34" Min.
 - 4. Corridors (LSC 7.3.4.1):
 - Required: 36"; Provided: 36" Min.
 - 5. Number of Exits per Floor (LSC 40.2.4):
 - 2 required; +2 provided (each level)
 - 6. Travel Distance to Exits (LSC 40.2.6, A.7.6.1):
 - General Industrial = 200' max. allowed; 89'-10" max. provided
 - Business = 200' max. allowed; 71'-6" max. provided
 - 7. Common Path of Travel (LSC 40.2.5.3, A.7.6.1):
 - General Industrial = 50' max. allowed; 45' max. provided
 - Office = 75' max. allowed; 31'-1" max. provided
 - 8. Dead End Corridor (LSC 40.2.5.2, A.7.6.1):
 - General Industrial = 50' maximum allowed; 45' max. provided
 - Office = 75' maximum allowed; N/A

- H. Marking Means of Egress:
 - Means of egress shall have signs in accordance with (LSC 7.10) in all buildings requiring more than one exit.
- J. Interior Finishes (LSC 40.3.3)
 - 1. Wall and Ceiling Finish:
 - Required: Class A, B or C; Provided: Class A
 - 2. Floor Finish: No Requirement
- K. Detection, Alarm and Communication:
 - Fire alarm is not required for occupant load under 100 persons (LSC 38.3.4)
- L. Emergency Lighting
 - Emergency lighting shall be provided in accordance with (LSC 7.9)
- M. Extinguishment Requirements:
 - No fire sprinkler system is proposed
- N. Minimum Number of Required Plumbing Fixtures (IBC Section 29.01):
 - 1. Water Closet - 1 per 25 required for the first 50 Required = 1 per MBF; Provided 1 per MBF
 - 2. Lavatories - 1 per 40 required for the first 80 Required = 1 per MBF; Provided 1 per MBF
 - 3. Drinking Fountains - 1 per 1,000 Required = Provided 1 (High-Low)
 - 4. Service Sink - 1 Required; Provided 1

PORTABLE FIRE EXTINGUISHER REQUIREMENTS

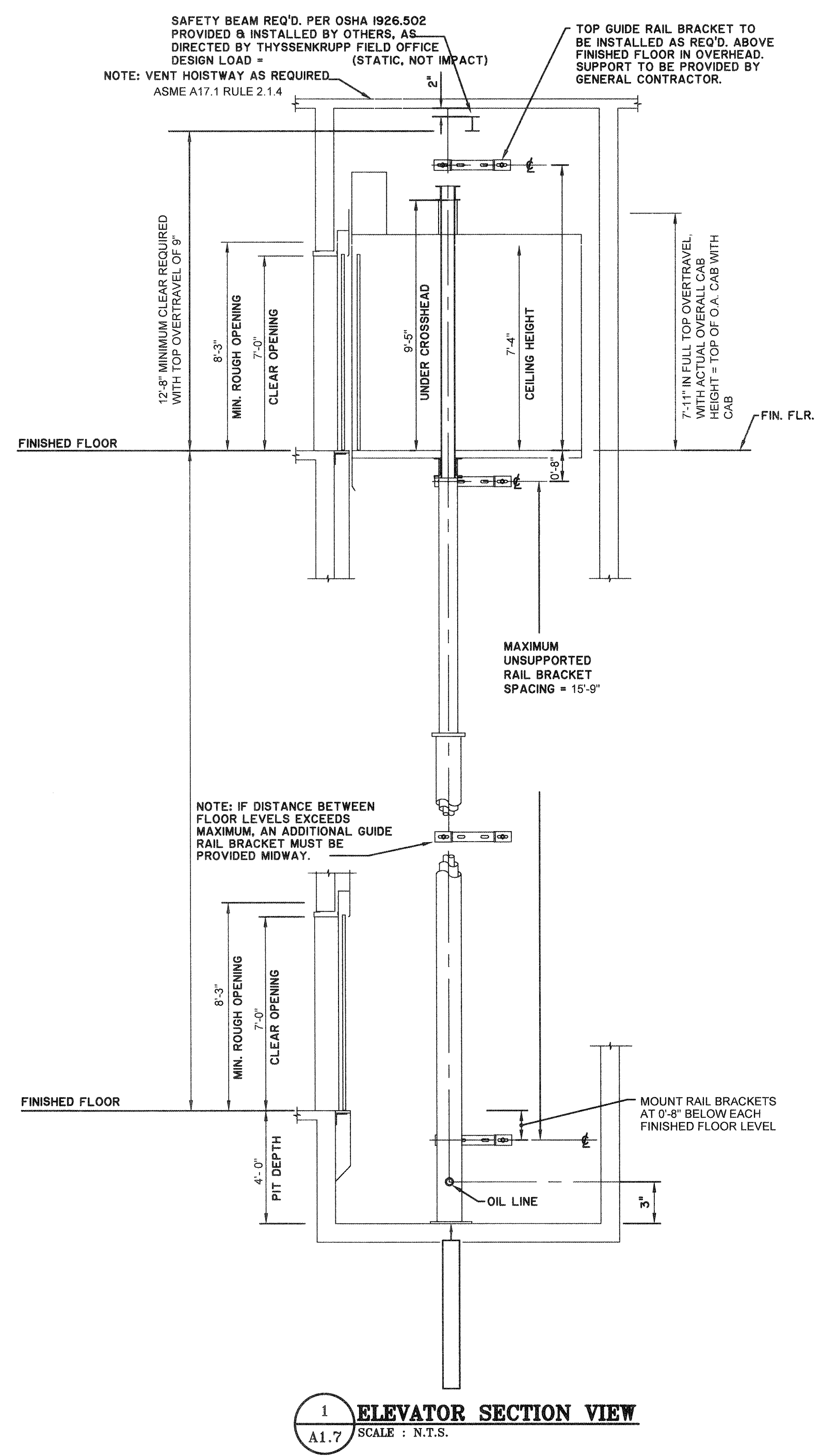
1. ALL PORTABLE FIRE EXTINGUISHERS SHALL COMPLY WITH THE LOCAL FIRE DEPARTMENT AND THE NFPA 10 STANDARD FOR PORTABLE FIRE EXTINGUISHERS.
2. FIRE EXTINGUISHER SIZE AND PLACEMENT SHALL COMPLY WITH TABLE 5.2.1 OF NFPA 10 UNDER ORDINARY HAZARD FOR CLASS A HAZARDS IN ALL TENANT AREAS EXCEPT KITCHEN WHICH IS CLASS K HAZARD.
3. PROVIDE CLASS A MULTIPURPOSE DRY-CHEMICAL TYPE IN STEEL CONTAINER: UL-RATED 4-A-60-BC, 10-LB NOMINAL CAPACITY, WITH MONOAMMONIUM PHOSPHATE-BASED DRY CHEMICAL IN ENAMELED-STEEL CONTAINER IN TENANT AREA.
4. PROVIDE CLASS K WET-CHEMICAL TYPE AT KITCHEN: UL-RATED 2-A1-B-C-K; 2.5-GAL. (9.5-L) NOMINAL CAPACITY, WITH POTASSIUM ACETATE-BASED CHEMICAL IN STAINLESS-STEEL CONTAINER; WITH PRESSURE-INDICATING GAUGE.
5. ALL CLASS K FIRE EXTINGUISHERS SHALL HAVE ADJACENT SIGNAGE MOUNTED ON WALL. SEE IMAGE BELOW.
6. FIRE EXTINGUISHERS SHALL BE CONSPICUOUSLY LOCATED WHERE THEY WILL BE READILY ACCESSIBLE AND IMMEDIATELY AVAILABLE IN THE EVENT OF A FIRE ALONG NORMAL PATHS OF TRAVEL TO EXITS.
7. FIRE EXTINGUISHERS WEIGHING UNDER 40 LBS. SHALL NOT BE MOUNTED HIGHER THAN 5'-0" FROM THE TOP OF THE EXTINGUISHERS. FIRE EXTINGUISHERS WEIGHING OVER 40 LBS. SHALL NOT BE MOUNTED HIGHER THAN 3'-6".
8. ALL FIRE EXTINGUISHERS SHALL BE TESTED AND OPERATIONAL PRIOR TO PROJECT COMPLETION.

K CLASS FIRE EXTINGUISHER TYPICAL SIGNAGE



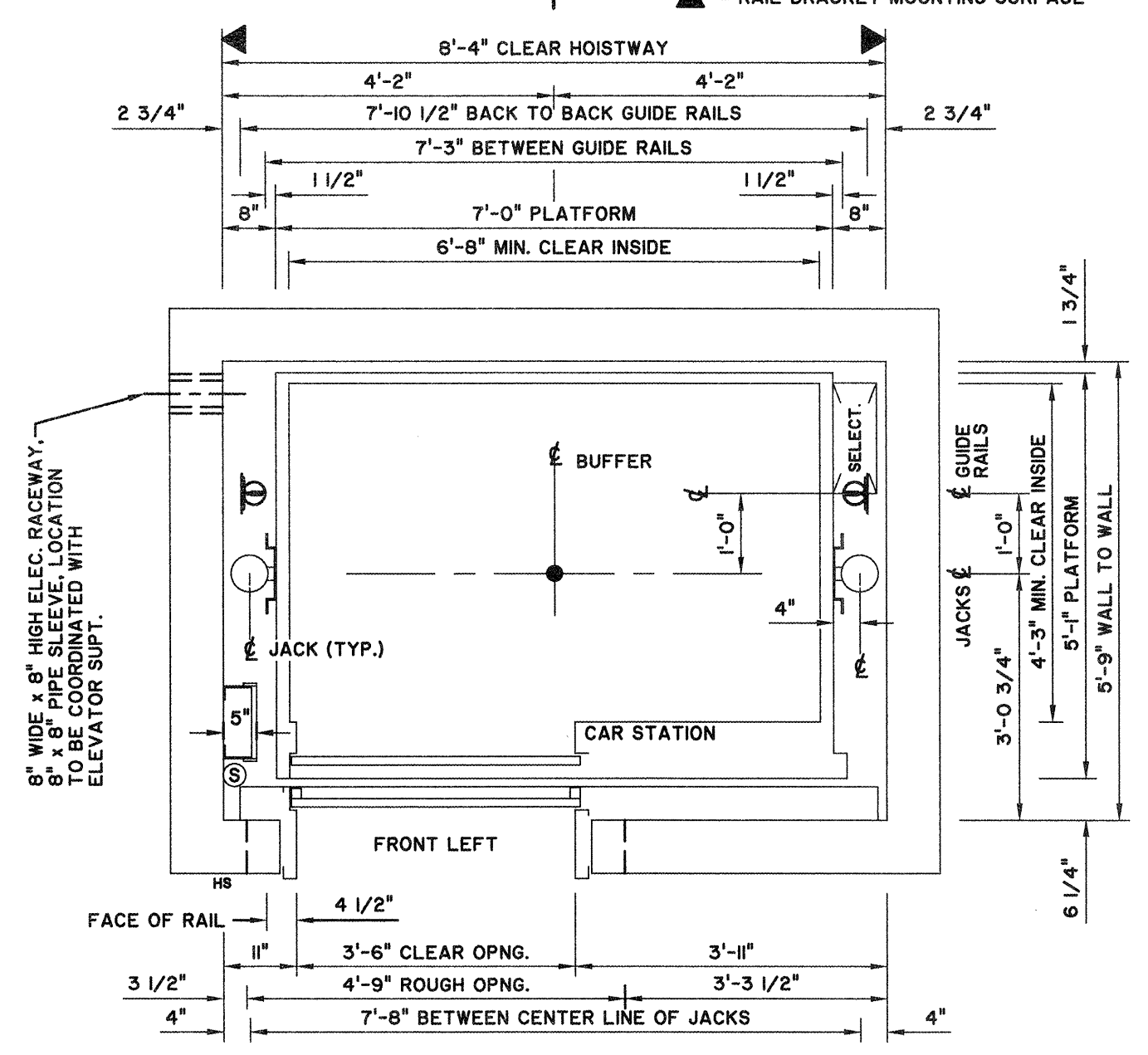
NOTES

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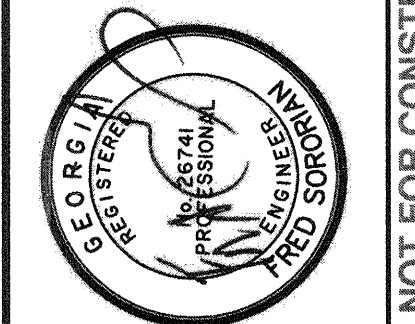


THE FOLLOWING CONDITIONS MUST BE MET BEFORE INSTALLATION IS COMPLETED, AND ARE NOT INCLUDED IN THE ELEVATOR CONTRACT:

1. A PLUMB, PROPERLY VENTILATED HOISTWAY (ACCORDING TO CODE AND SIZES SHOWN).
2. ADEQUATE SUPPORT FOR JACK, GUIDE RAIL BRACKETS, AND BUFFERS (FOR REACTIONS SHOWN).
3. HOISTWAY BARRICADES AND ALL CUTTING AND PATCHING TO INSTALL HOISTWAY ENTRANCES, SILLS, HALL FIXTURES, OIL AND ELECTRIC LINES.
4. PIT LIGHTS AND SWITCH, CONVENIENCE OUTLETS WITH GFCI PROTECTION PER NEC, PIT LADDER PER CAR (ACCORDING TO CODE). NOTE: MUST BE CLEAR OF ALL ELEVATOR EQUIPMENT.
5. DEDICATED 120 VOLT, 15 AMP. SERVICE, ALONG WITH TELEPHONE CIRCUIT WHEN REQUIRED, TO TERMINALS OF EACH REQUIRED CONTROLLER (AS LOCATED ON PLAN VIEW) FOR THE FOLLOWING: - CAR LIGHT AND ALARM CIRCUIT WITH GFCI PROTECTION PER NEC - GROUP CONTROL WHEN REQUIRED NOTE: IF STANDBY POWER IS SUPPLIED TO ELEVATOR, CAR LIGHT AND ALARM CIRCUIT AND GROUP CONTROL SERVICE MUST BE STANDBY POWER BACKED.
6. BRANCH-CIRCUIT CONDUCTOR SIZING, MATERIALS, AND INSULATION INCLUDING BRANCH-CIRCUIT OVERCURRENT PROTECTIVE DEVICE) TO COMPLY WITH ALL LOCAL ELECTRICAL CODES (SEE "ELECTRICAL POWER REQUIREMENTS"). NOTE: ALSO, A FOURTH WIRE TO BE SIZED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE IS REQUIRED FOR GROUNDING PURPOSES TO MINIMIZE ELECTRICAL NOISE INTERFERENCE. NOTE: IF STANDBY POWER IS REQUIRED, SEE GEN. CONTRACTOR MUST FORWARD POWER REQUIREMENTS TO ELEC. CONTRACTOR. "ELEVATOR STANDBY POWER OPERATION".
7. AN ENCLOSED MACHINE AREA (ACCORDING TO CODE), WITH ADEQUATE LIGHT, HEAT, AND VENTILATION (MIN. 50°F., MAX. 90°F. WITH NON-CONDENSING HUMIDITY OF 10-90%), AND SEALED CONCRETE FLOOR SLAB SURFACE. NOTE: MUST PROVIDE ADEQUATE DOOR SIZE TO ALLOW INSTALLATION OF EQUIPMENT, OR LEAVE WALL OUT UNTIL EQUIPMENT IS IN PLACE.
8. ENTRANCE WALL WITH LINTELS MUST BE PROVIDED AFTER ENTRANCE FRAMES ARE SET OR LEAVE A ROUGH OPENING WIDER AND HIGHER THAN THE FRAME IS" 10" OPENING. SEE INSTALLATION PROCEDURES FOR FRAME-TO-WALL INTERFACE DETAILS TO ENSURE CONFORMANCE WITH THE LABELED ENTRANCE INTERFACE CONSTRUCTION.
9. POCKETS IN CORRIDOR WALL (PER FIXTURE DRAWINGS) FOR HALL FIXTURES. NOTE: MUST BE LOCATED AS DIRECTED BY ELEVATOR CONTRACTOR
10. SMOKE SENSORS (AS REQUIRED).
11. CONDUIT AND WIRING FROM HOISTWAY TO ELEVATOR MONITORING PANELS (FOR SECURITY, LIFE, SAFETY, OR FIRE REQUIREMENTS).
12. PIPE SLEEVES, TRENCHING, AND BACK FILLING FOR OIL AND/OR CONDUIT LINES AS SHOWN OR LOCATED BY ELEVATOR CONTRACTOR.
13. CONTRACTOR TO OBTAIN AND SUBMIT SHOP DRAWINGS. NO CONSTRUCTION OR LAYOUT SHALL BE PERFORMED BEFORE SUBMITTAL IS REVIEWED AND ACCEPTED BY THE ENGINEER. SUBMITTAL SHALL INCLUDE ALL DIMENSIONS AND LOCATION OF CONTROLS, ELEVATOR SHAFT AND OTHER ACCESSORIES.



- NOTE A: OIL PIPE LINES AND FITTINGS SHALL BE PROPERLY SUPPORTED TO RELIEVE STRAIN.
- NOTE B: ALL REACTIONS INCLUDE ALLOWANCE FOR IMPACT.
- NOTE C: thyssenkrupp ELEVATOR TO BE NOTIFIED OF ANY CHANGE TO ELEVATOR HOISTWAY OR MACHINE ROOM DESIGN.



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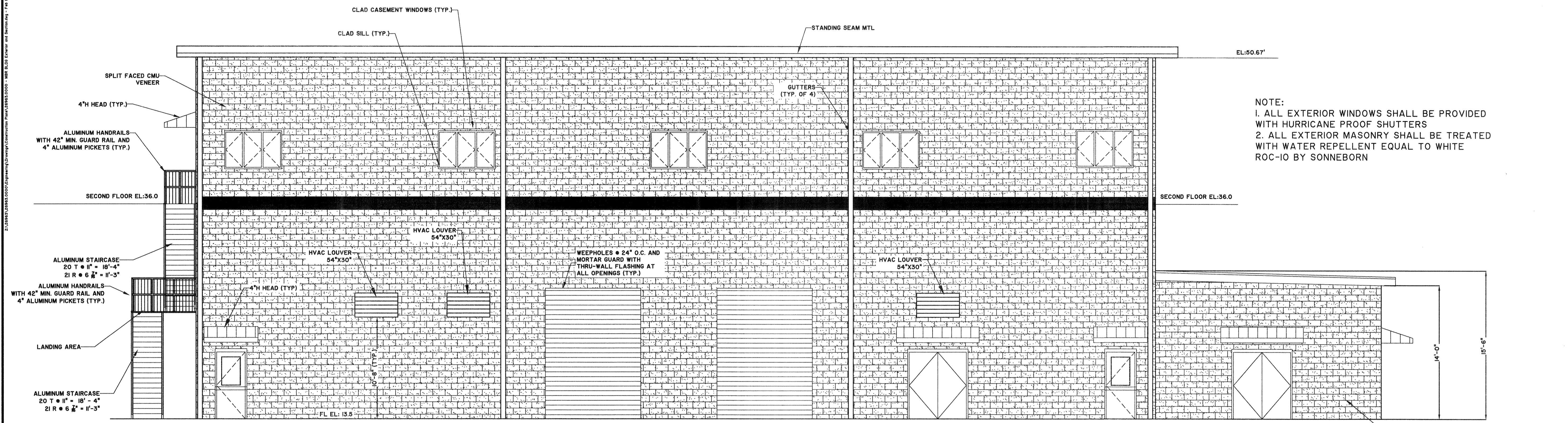
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TRAVIS FIELD WATER RECLAMATION FACILITY
LIFE SAFETY PLAN NOTES AND ELEVATOR DETAILS

JOB NO:	J-26963.0000
DATE:	1-16-19
DRAWN:	CDR
DESIGNED:	CDR
REVIEWED:	AL
APPROVED:	FS
SCALE:	AS NOTED

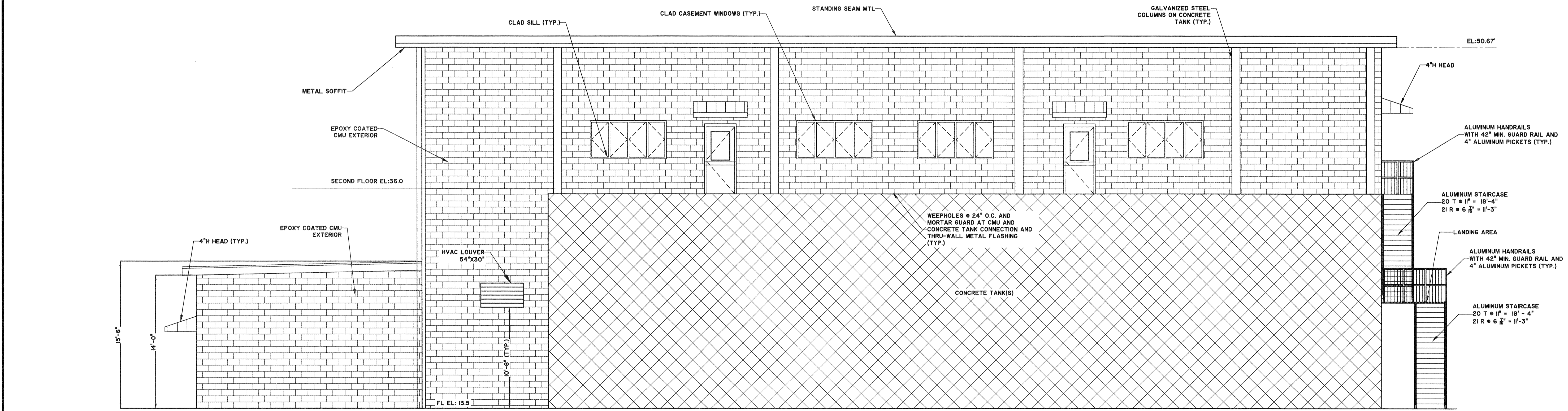
A1.7

BID SET - NOT FOR CONSTRUCTION

2. SAVANNAH WATER RECLAMATION FACILITY EXTERIOR ELEVATIONS - 10/16/19

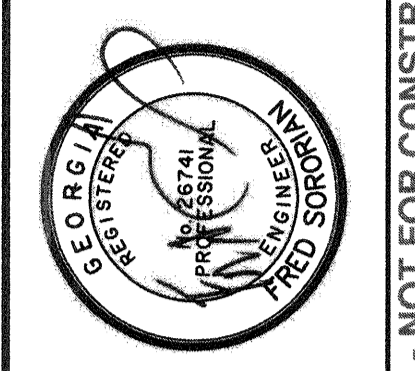


1
ELEVATION LOOKING NORTH
 A1.0/A2.0 SCALE: 3/16" = 1'-0"



2
ELEVATION LOOKING SOUTH
 A1.0/A2.0 SCALE: 3/16" = 1'-0"

NOTE:
 1. ALL EXTERIOR WINDOWS SHALL BE PROVIDED WITH HURRICANE PROOF SHUTTERS
 2. ALL EXTERIOR MASONRY SHALL BE TREATED WITH WATER REPELLENT EQUAL TO WHITE ROC-10 BY SONNEBORN



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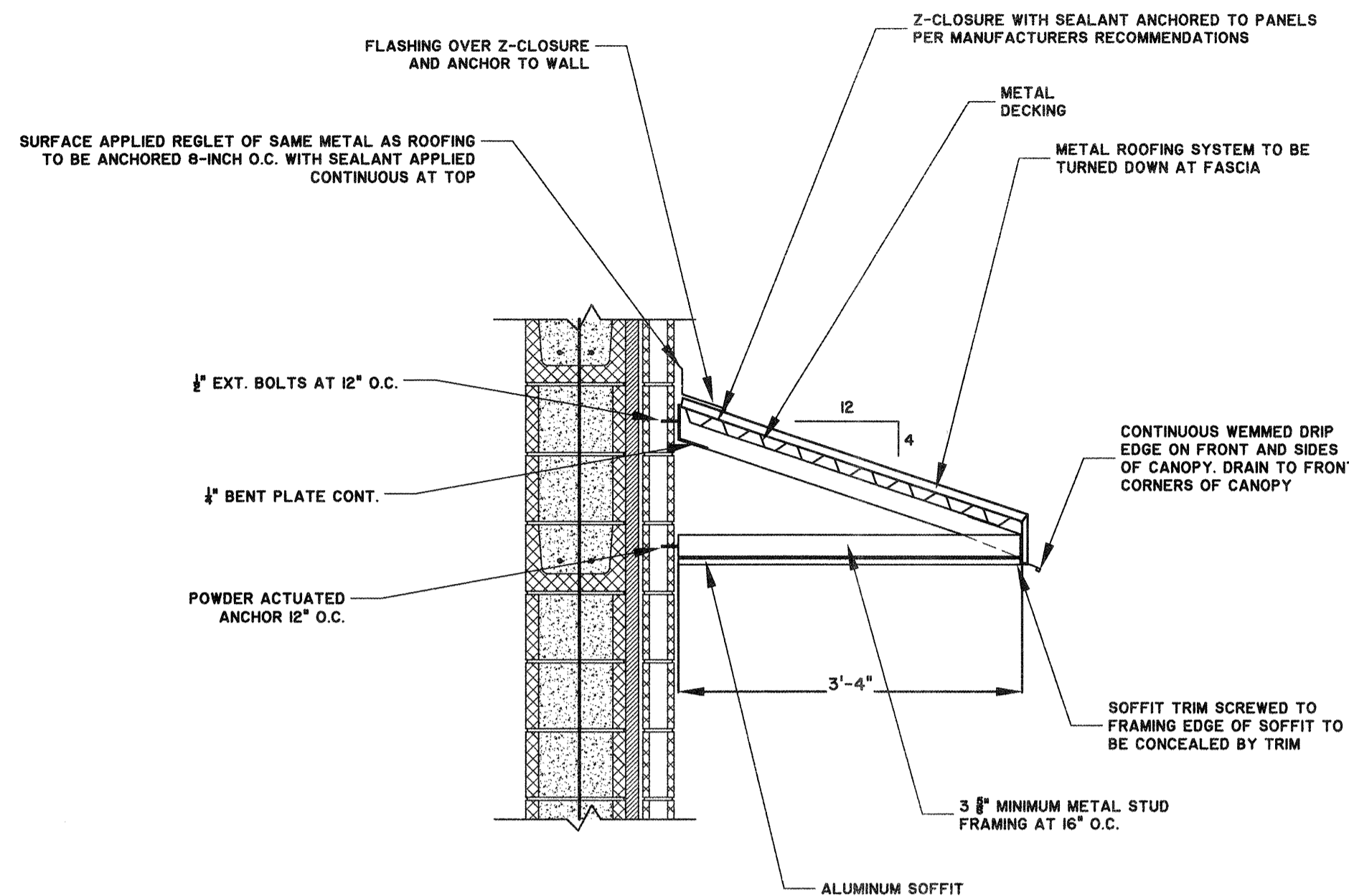
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TRAVIS FIELD WATER RECLAMATION FACILITY
EXTERIOR ELEVATIONS

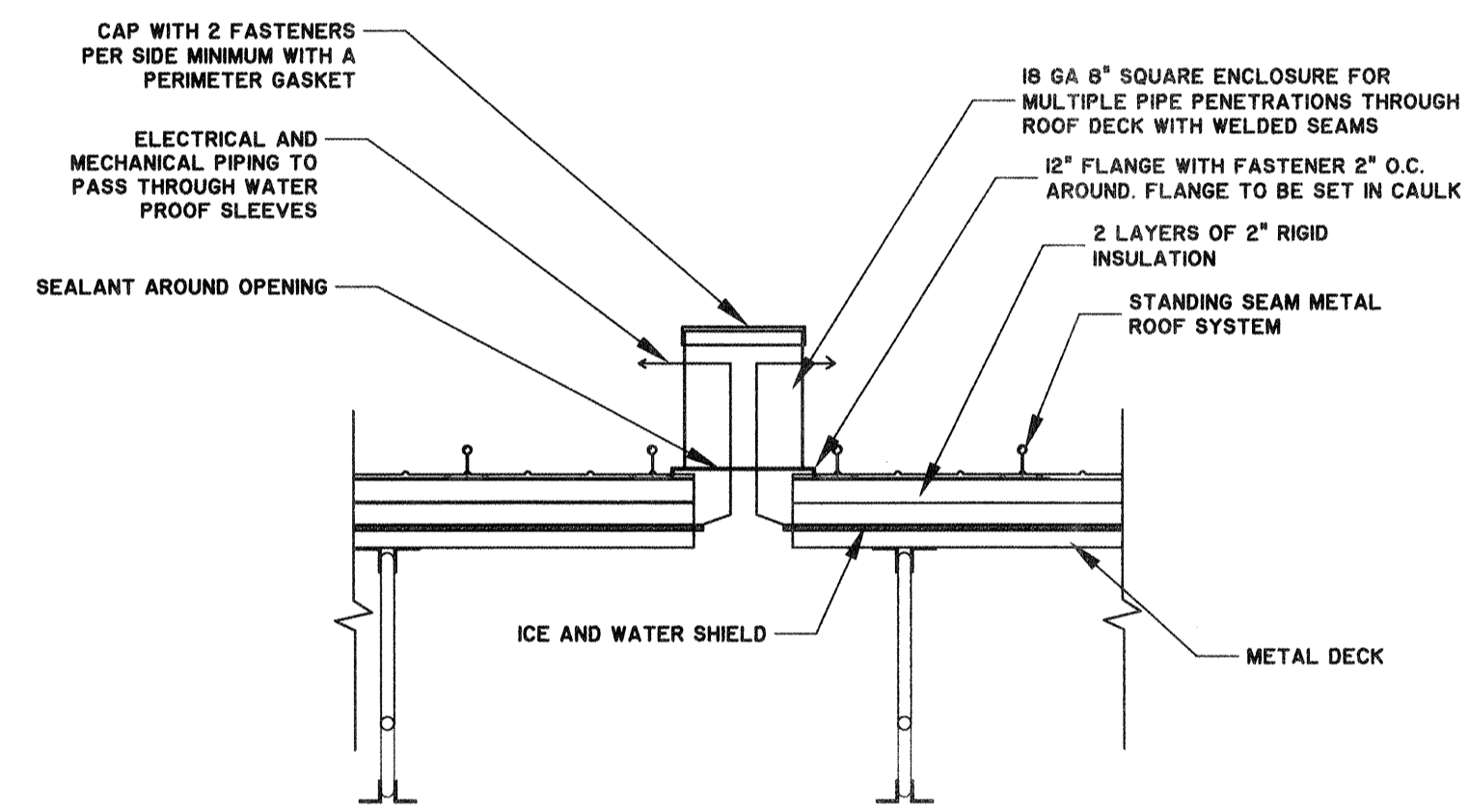
JOB NO:	J-26963.0000
DATE:	1-16-19
DRAWN:	CDR
DESIGNED:	CDR
REVIEWED:	AL
APPROVED:	FS
SCALE:	3/16"=1'-0"

A2.0

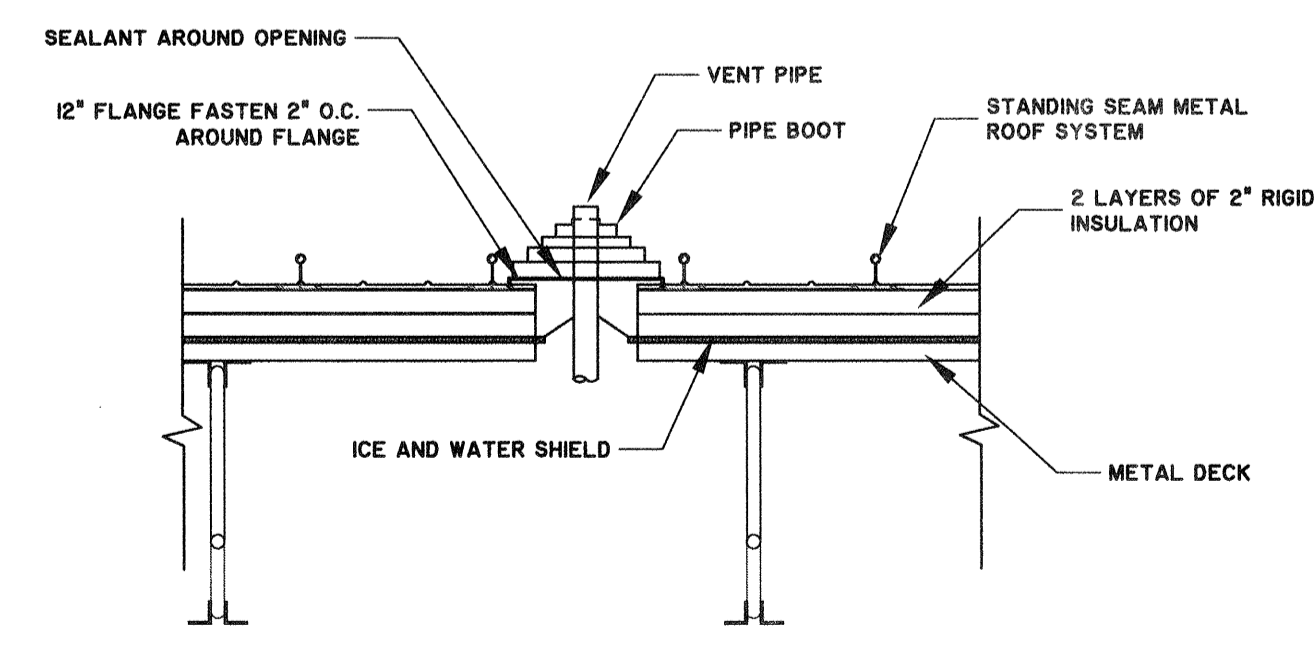
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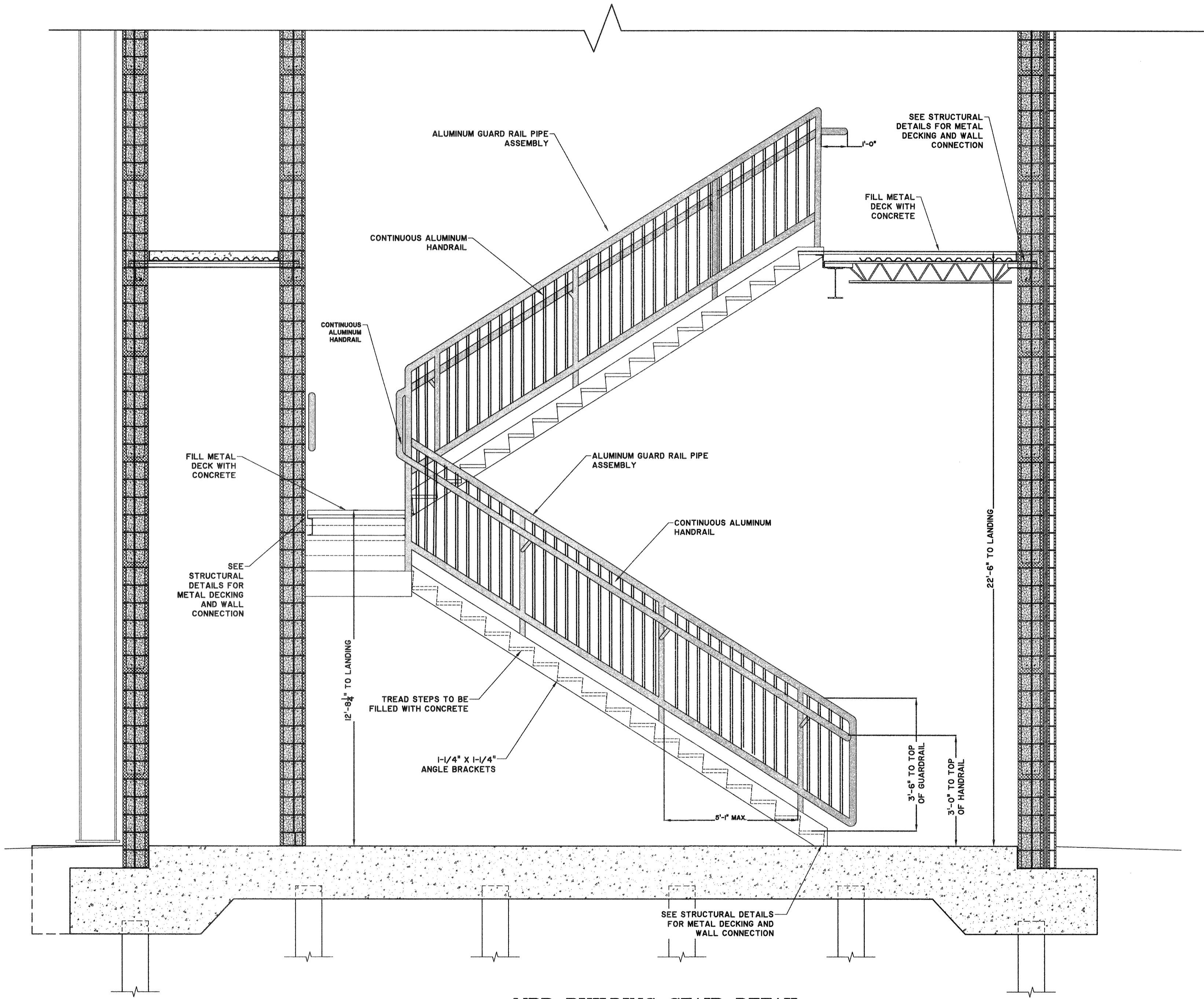
CANOPY SECTION
SCALE: 3/4"=1'-0"



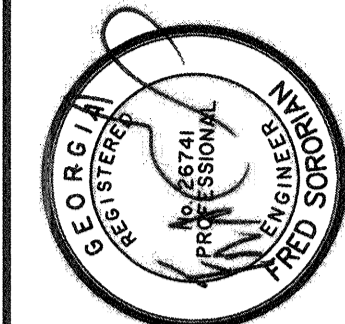
PIPE PENETRATION ROOF DETAIL
SCALE: 3/4"=1'-0"



PIPE PENETRATION ROOF DETAIL
SCALE: 3/4"=1'-0"



MBR BUILDING STAIR DETAIL
SCALE: 3/8"=1'-0"



BID SET - NOT FOR CONSTRUCTION

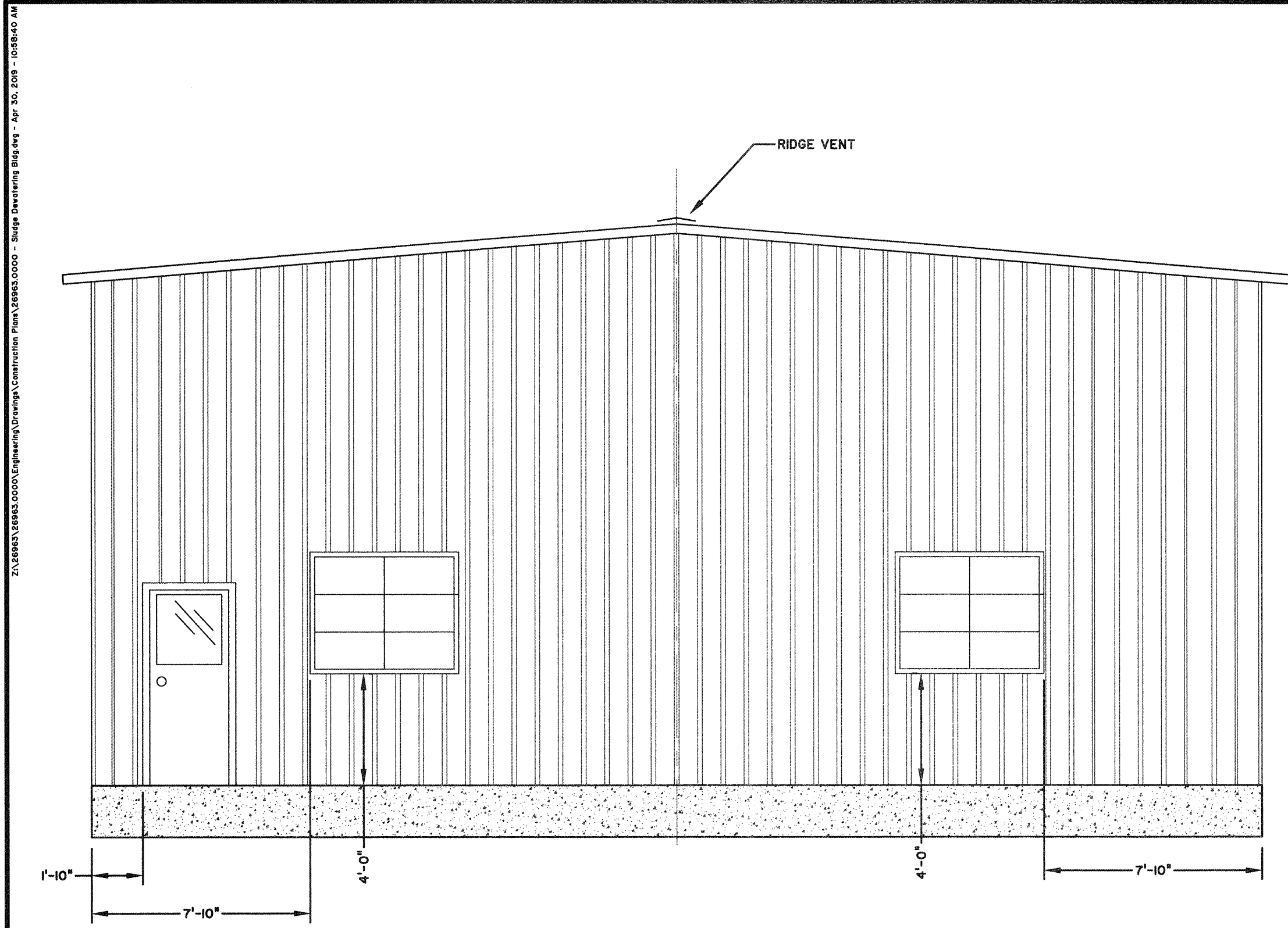
NO.	ISSUED FOR BIDS	REVISIONS	BY	DATE
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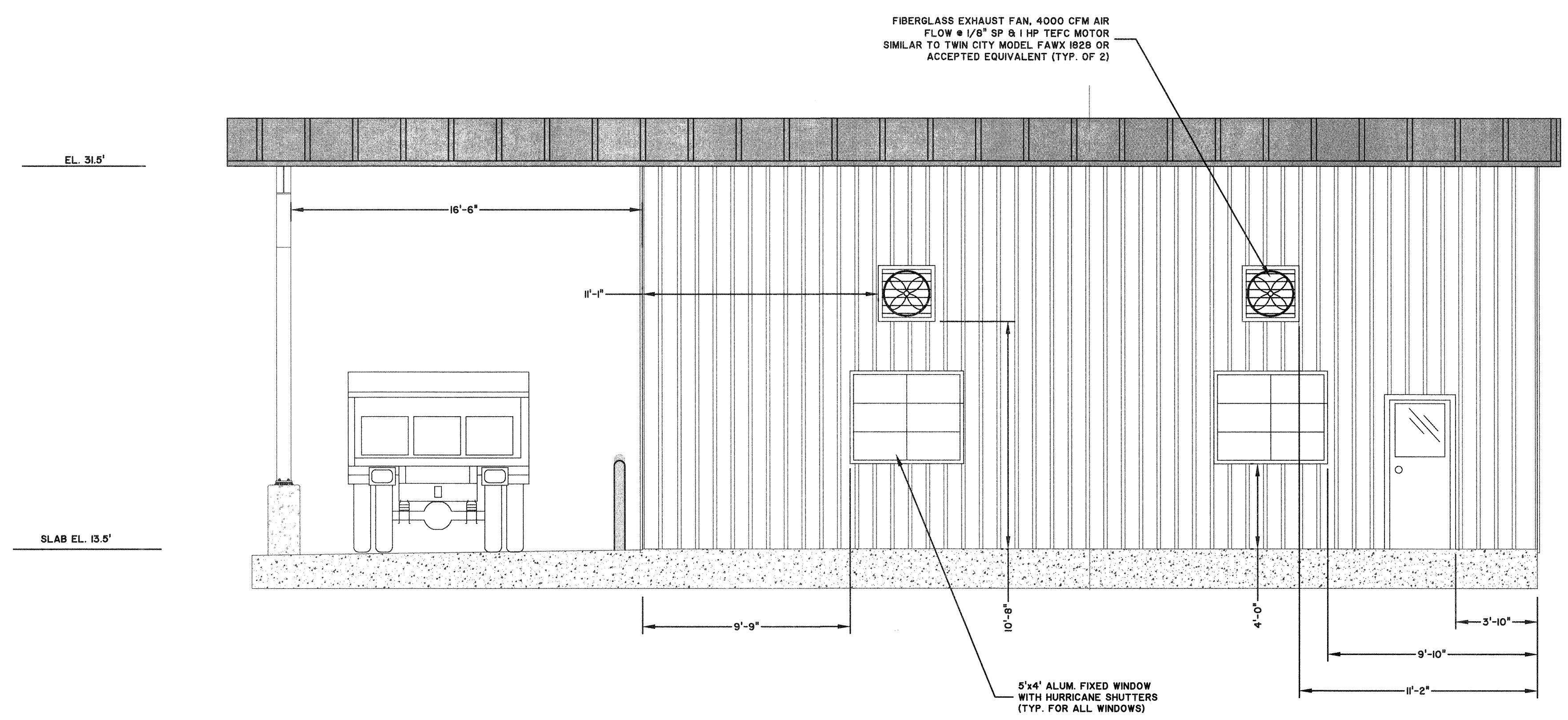
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MBR BUILDING DETAILS

JOB NO:	J-26963.0000
DATE:	1-16-19
DRAWN:	CDR
DESIGNED:	CDR
REVIEWED:	AL
APPROVED:	FS
SCALE:	1" = 16"

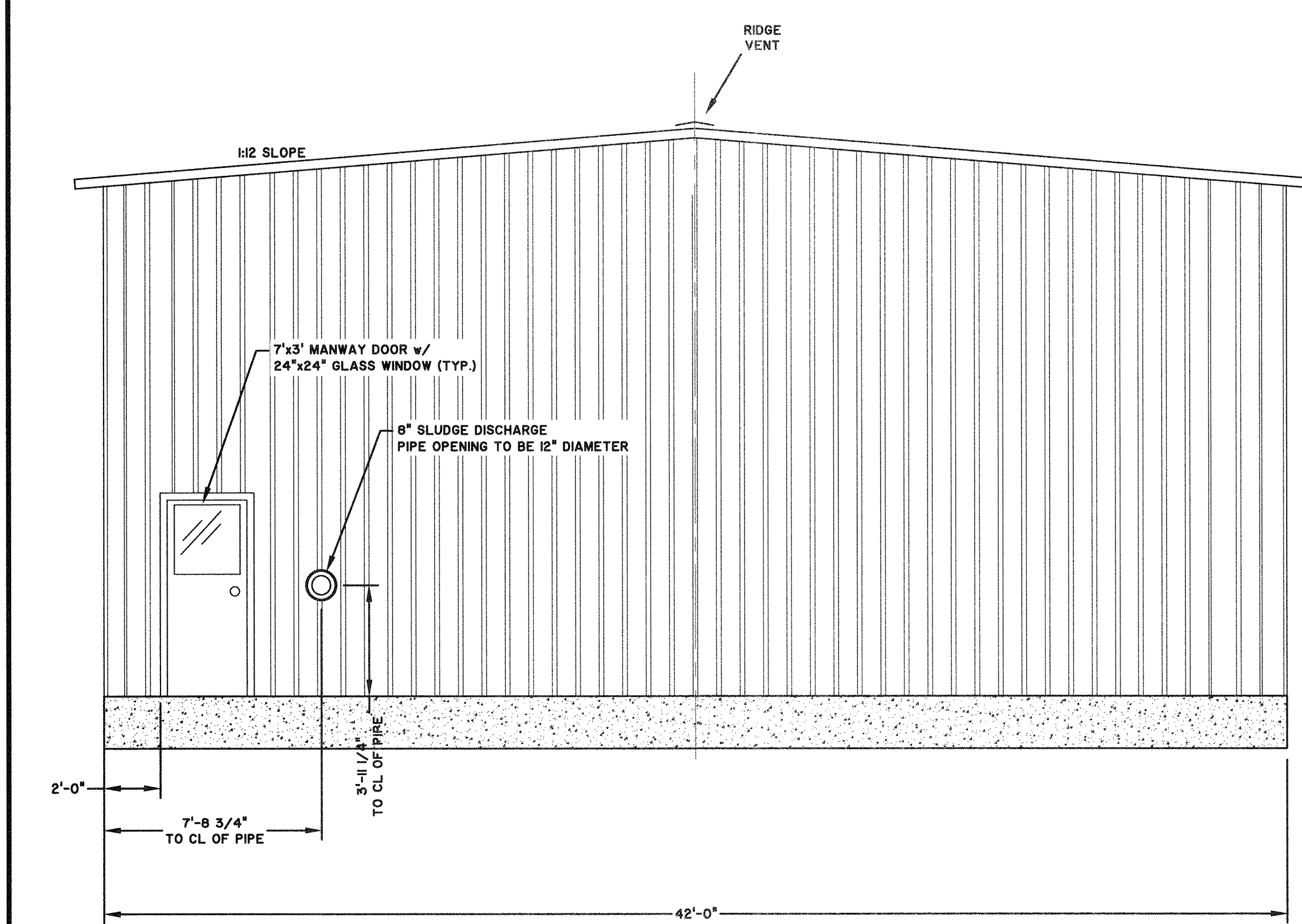
A3.3



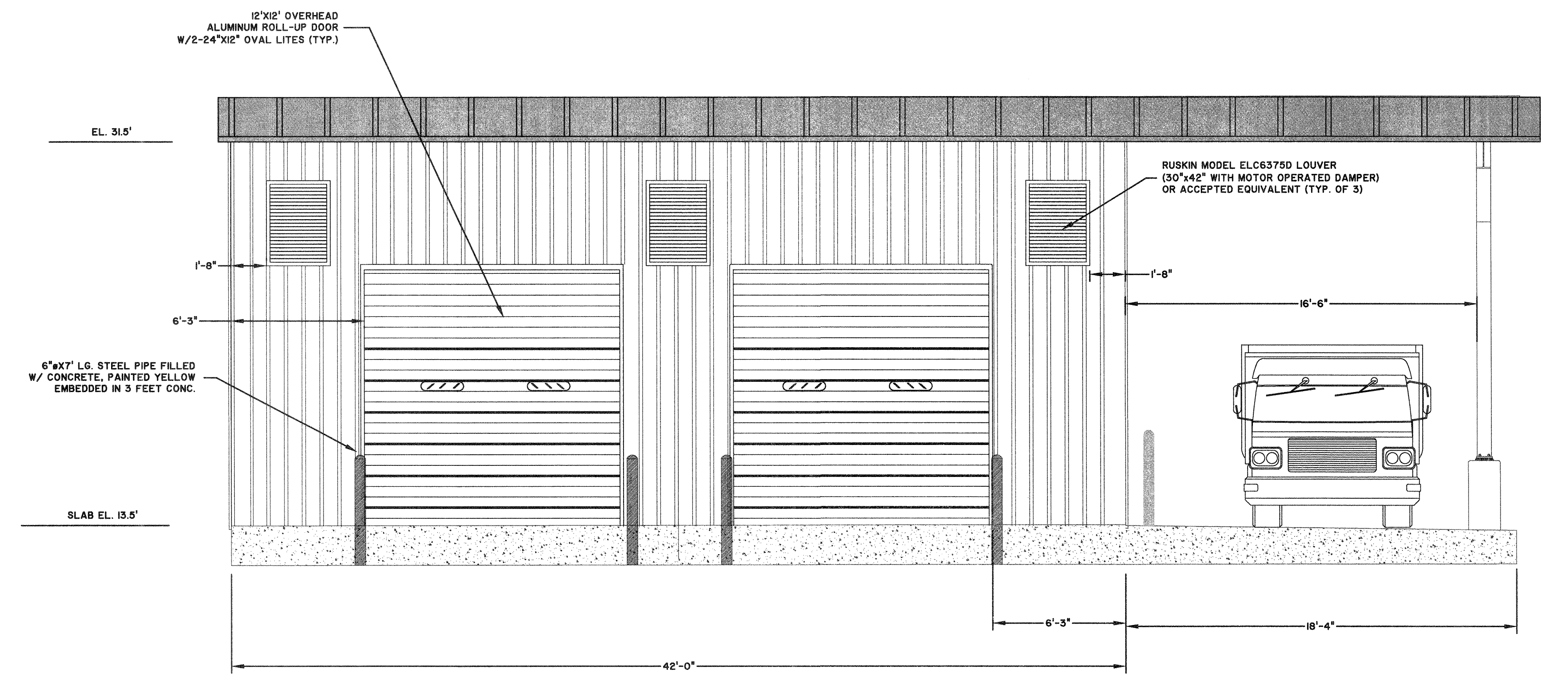
ELEVATION LOOKING WEST
SCALE: 1/4" = 1'-0"



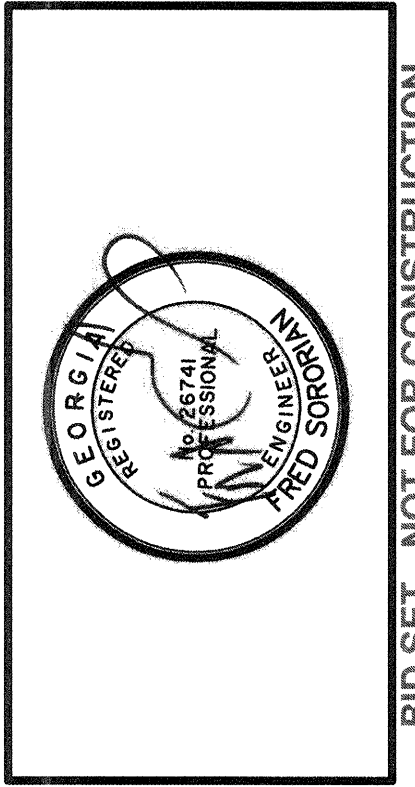
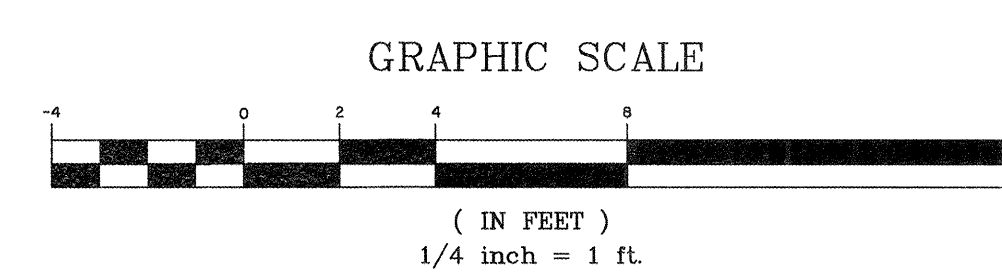
ELEVATION LOOKING NORTH
SCALE: 1/4" = 1'-0"



ELEVATION LOOKING EAST
SCALE: 1/4" = 1'-0"



ELEVATION LOOKING SOUTH
SCALE: 1/4" = 1'-0"



NO.	ISSUED FOR	REVISIONS	BY	DATE
0	ISSUED FOR BIDS			

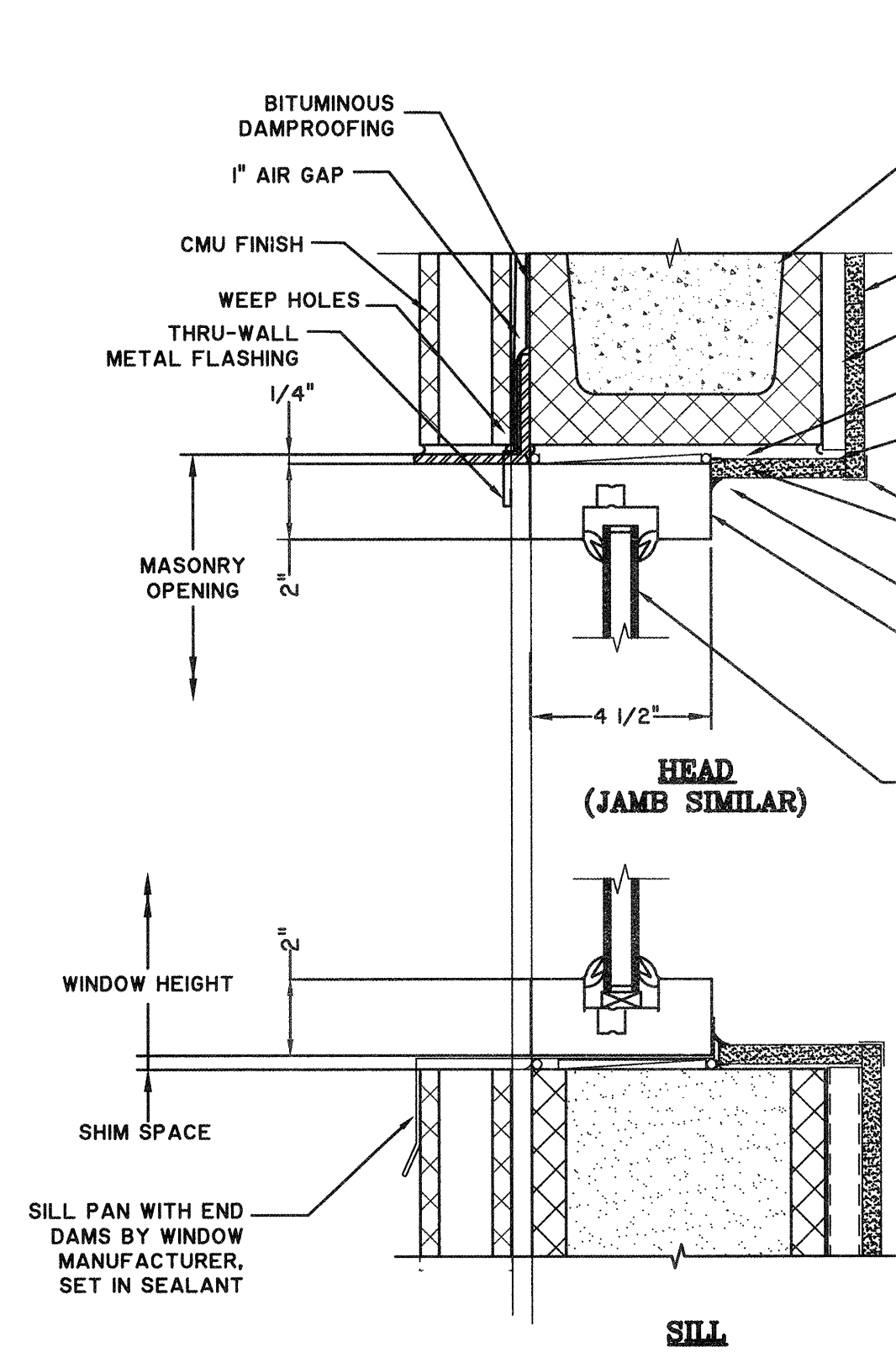
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TRAVIS FIELD WATER RECLAMATION FACILITY
SLUDGE DEWATERING BUILDING ELEVATION PLAN

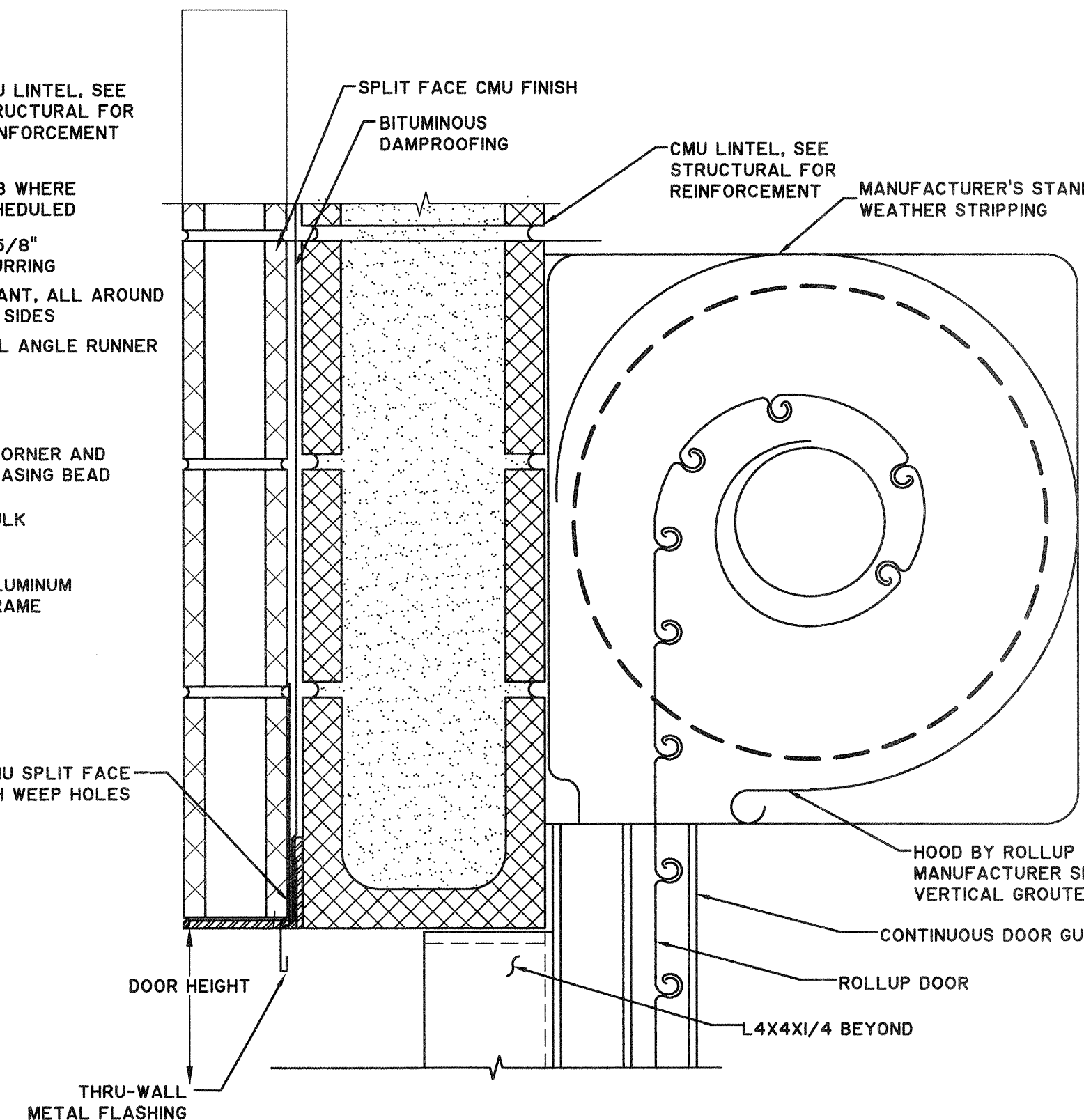
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DATE:	1-16-19
DRAWN:	CDR
DESIGNED:	CDR
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APPROVED:	FS
SCALE:	1/4" = 1'-0"

A4.0

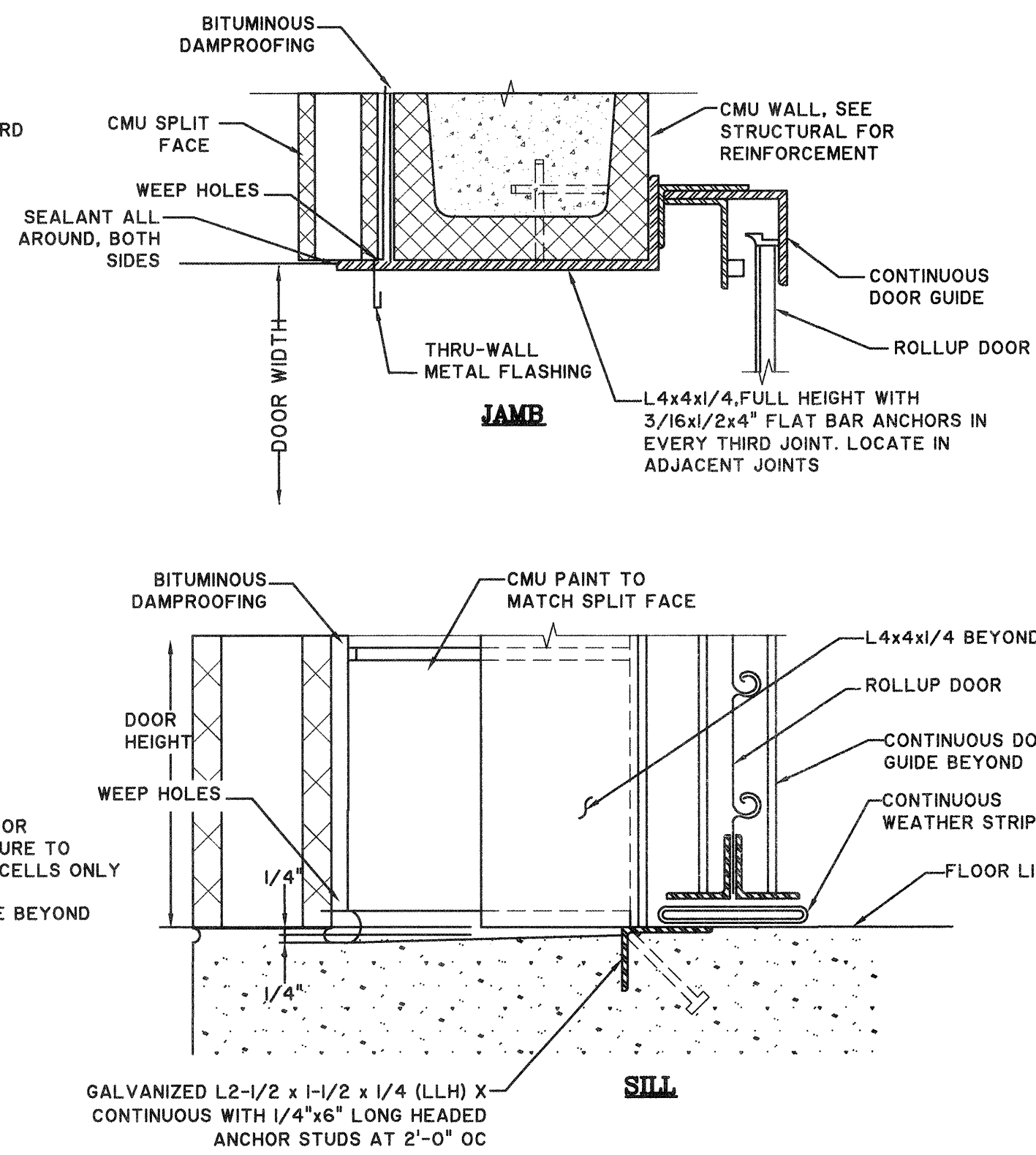
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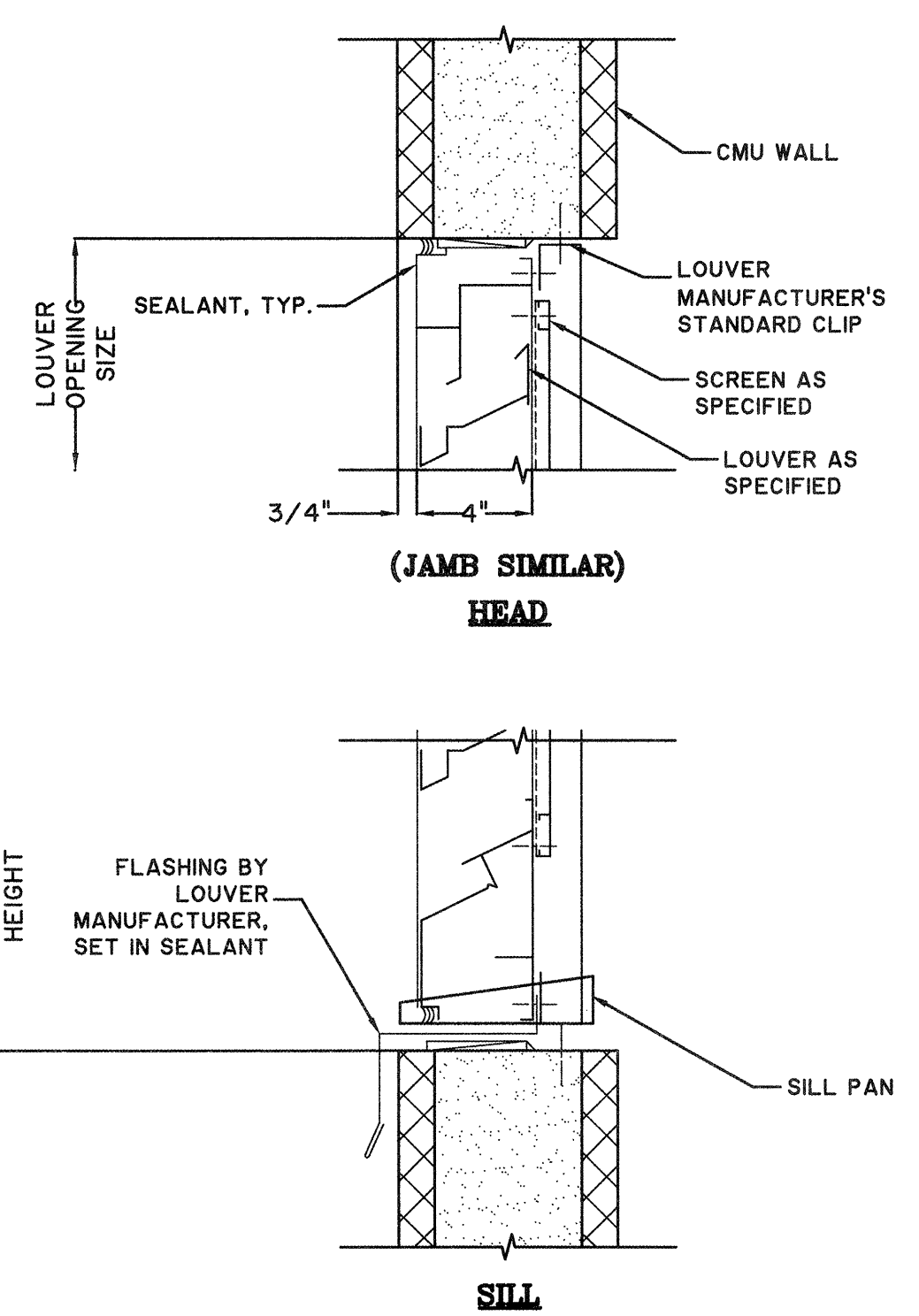
A-WIND-01
WINDOW HEAD AND SILL
SCALE: N.T.S.



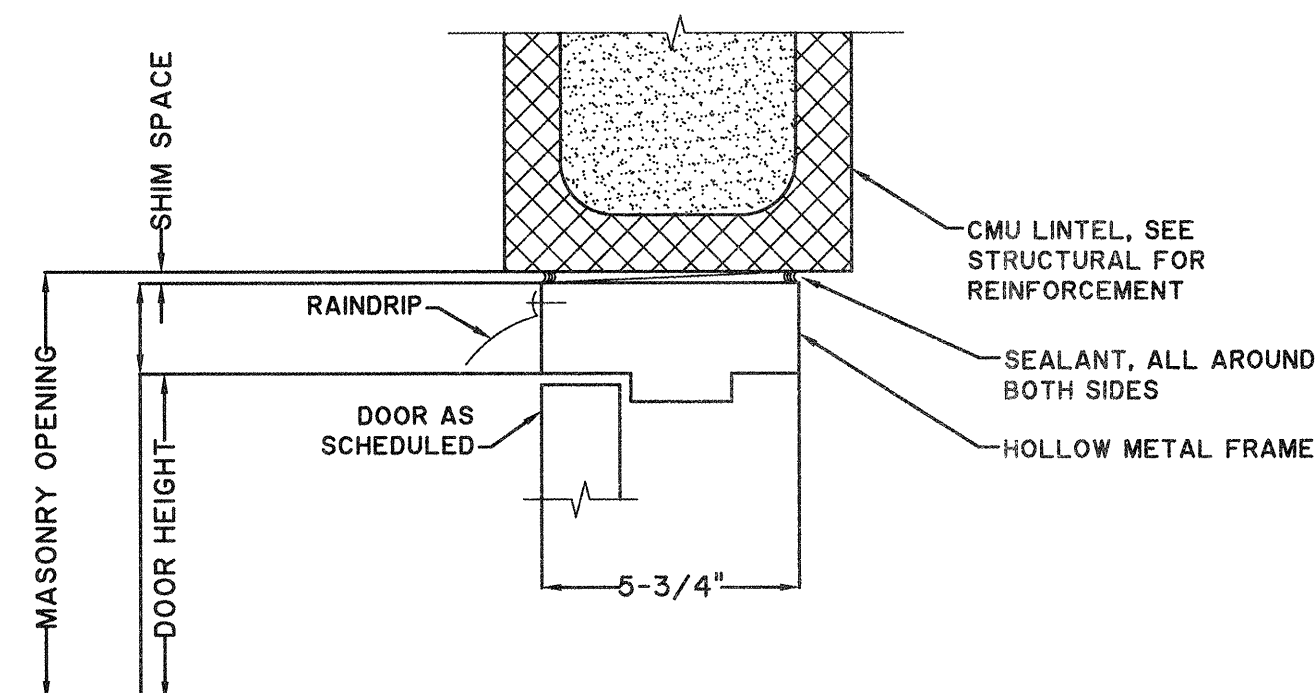
S-DOOR-01
ROLLUP DOOR HEAD
SCALE: N.T.S.



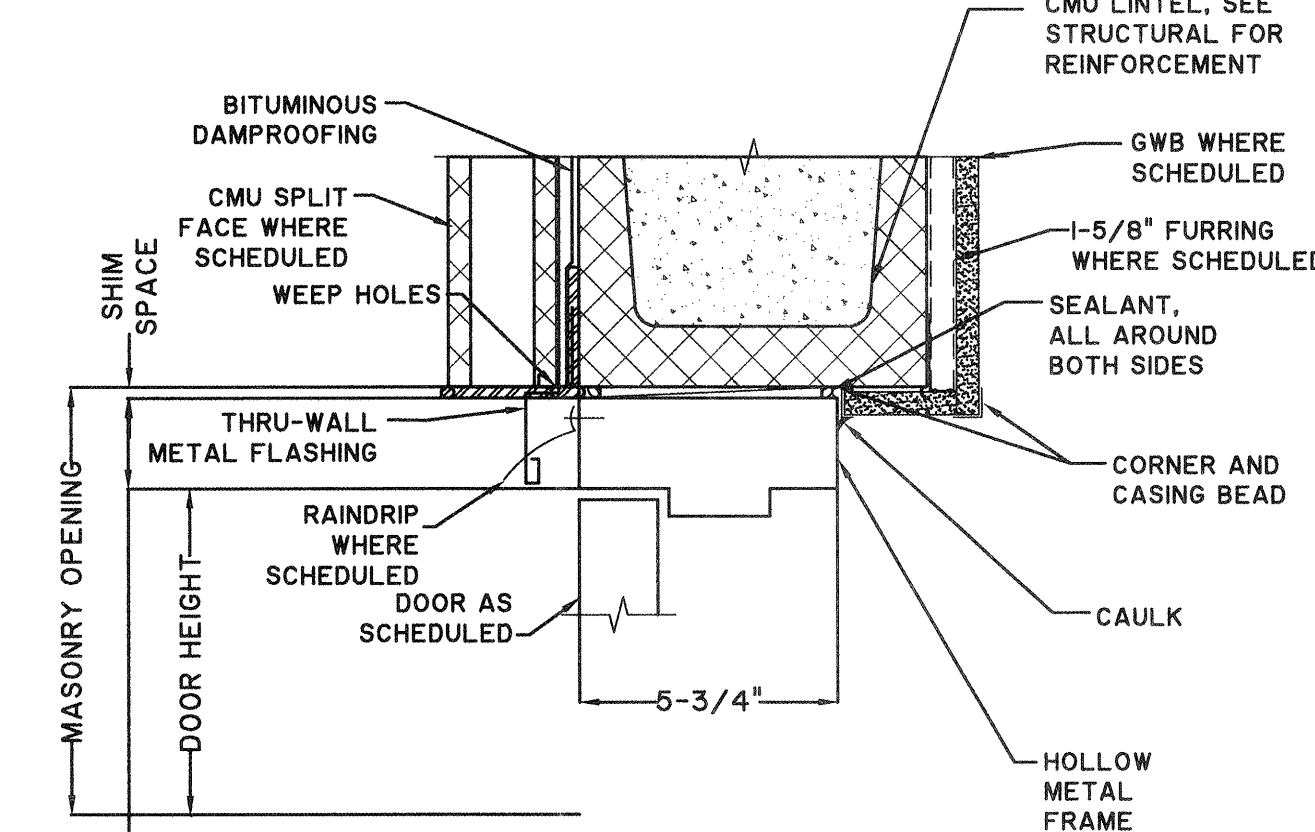
S-DOOR-02
ROLLUP DOOR JAMB AND SILL
SCALE: N.T.S.



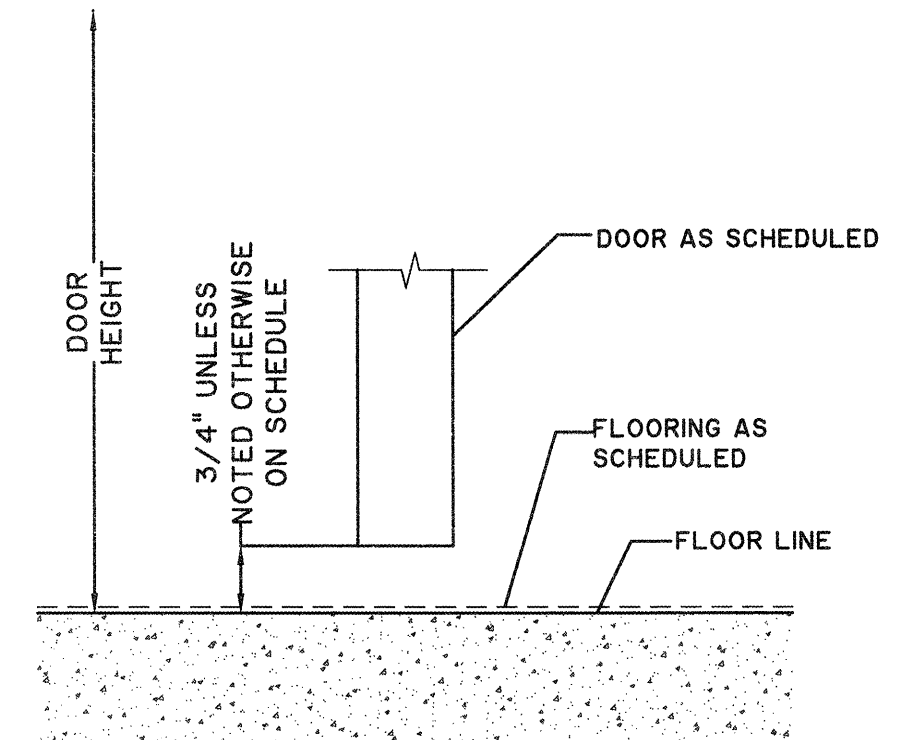
S-DOOR-03
LOUVER HEAD AND SILL
SCALE: N.T.S.



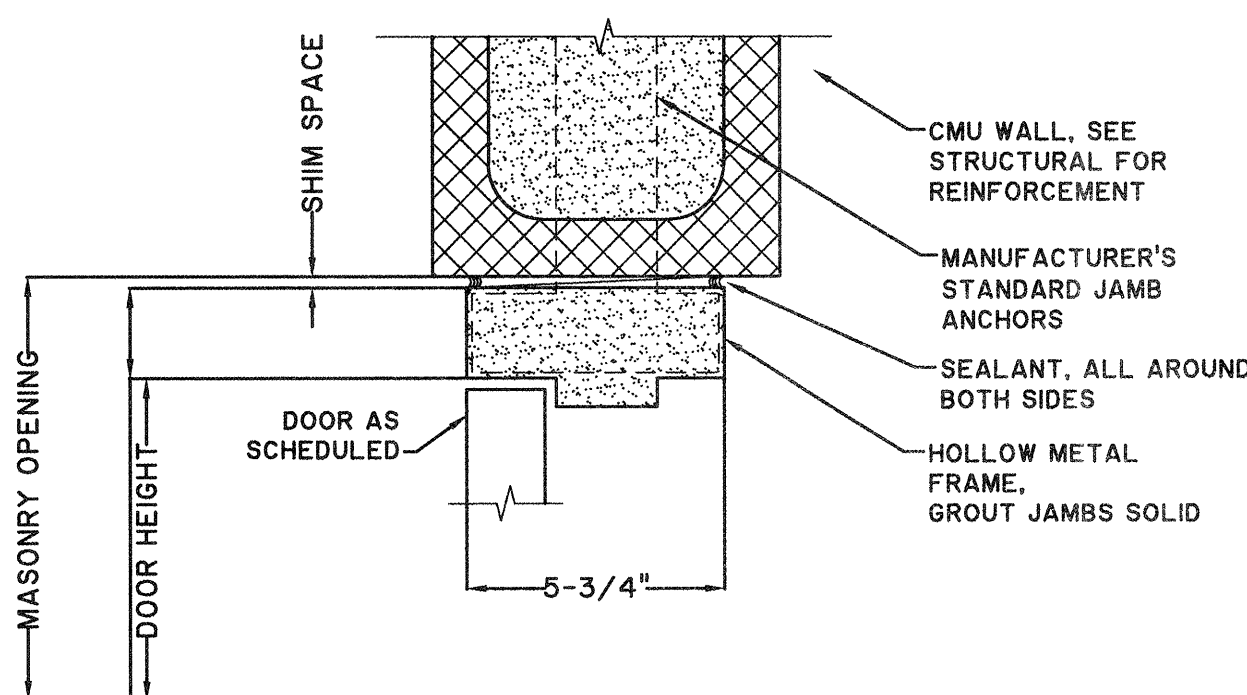
S-DOOR-04
DOOR HEAD
SCALE: N.T.S.



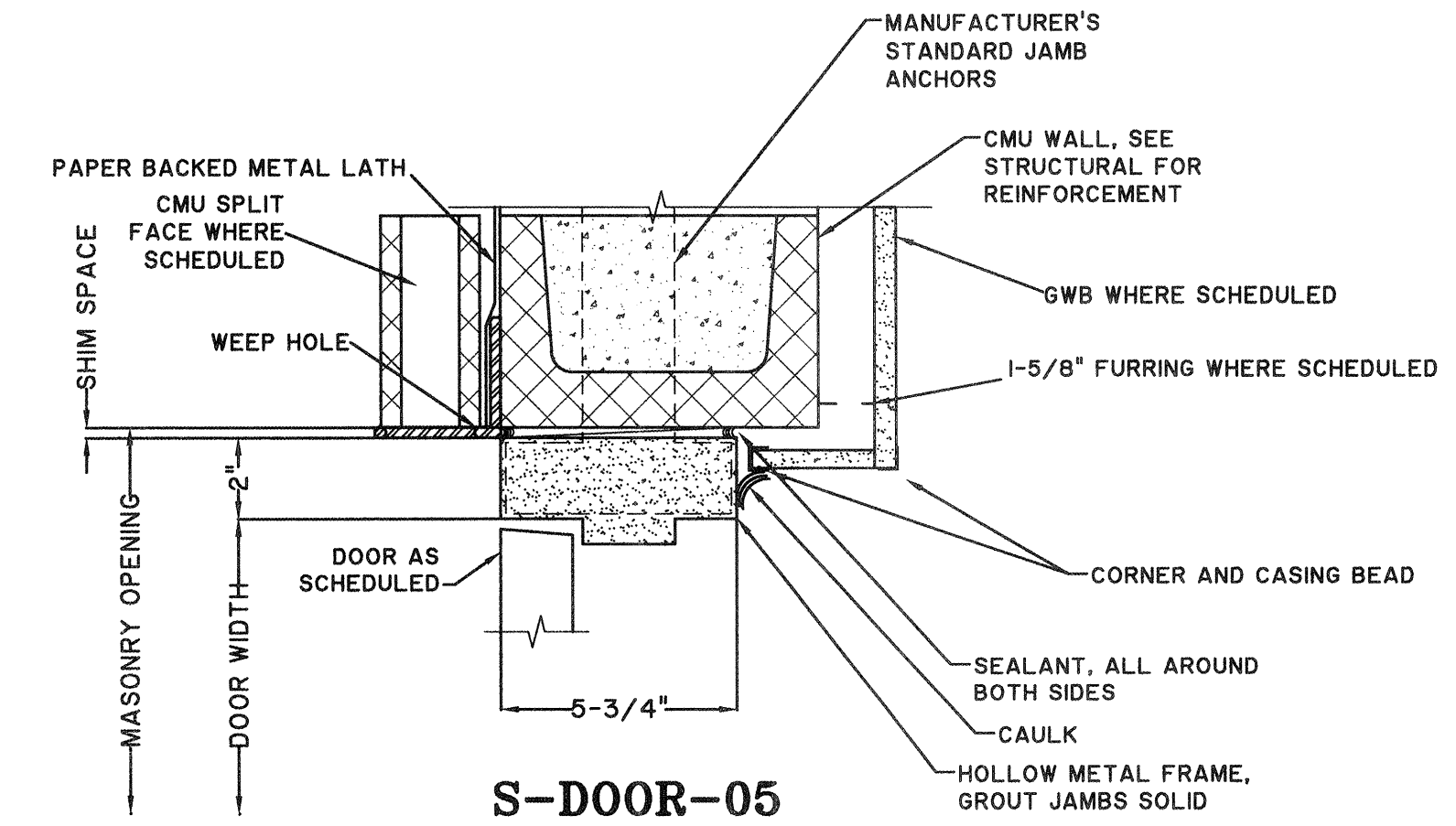
S-DOOR-05
DOOR HEAD
SCALE: N.T.S.



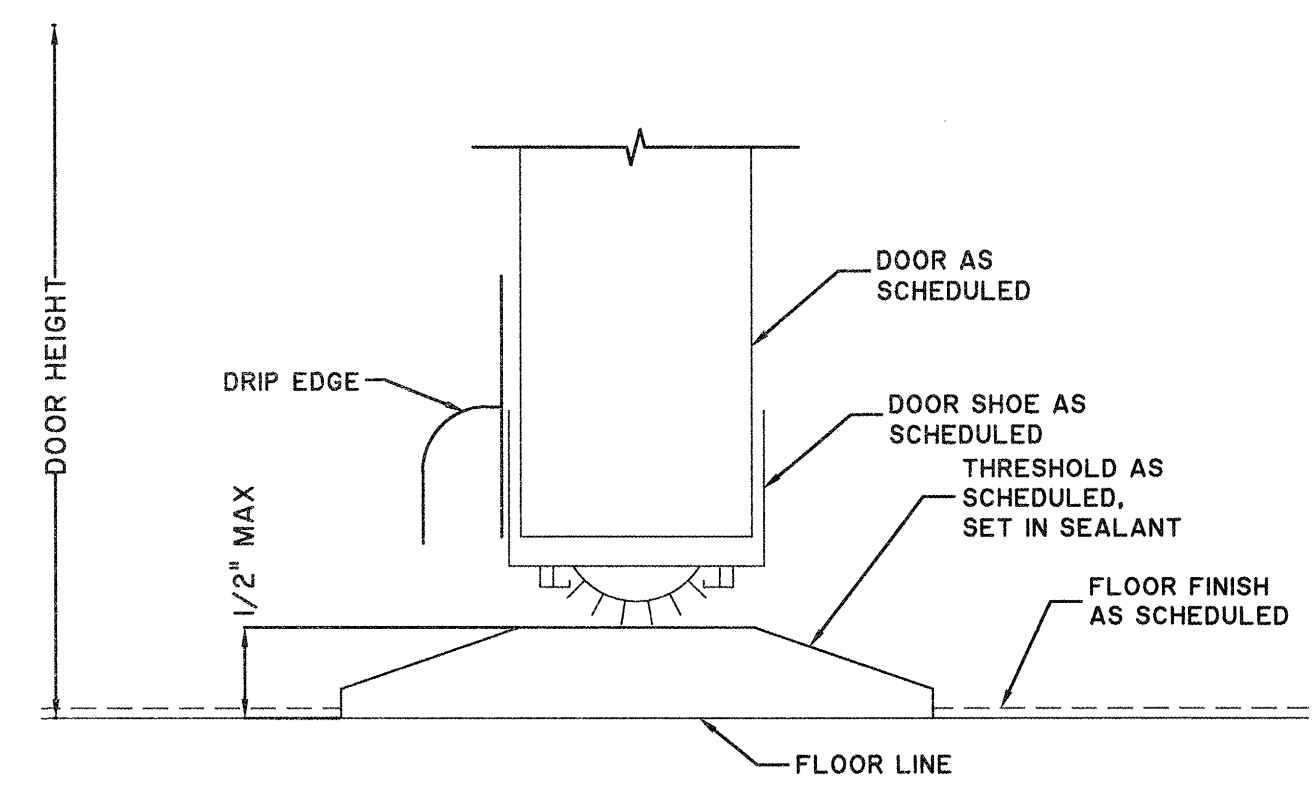
S-DOOR-06
DOOR SILL
SCALE: N.T.S.



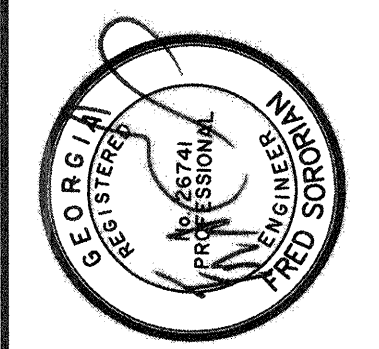
S-DOOR-04
DOOR JAMB
SCALE: N.T.S.



S-DOOR-05
DOOR JAMB
SCALE: N.T.S.



S-DOOR-07
DOOR SILL
SCALE: N.T.S.



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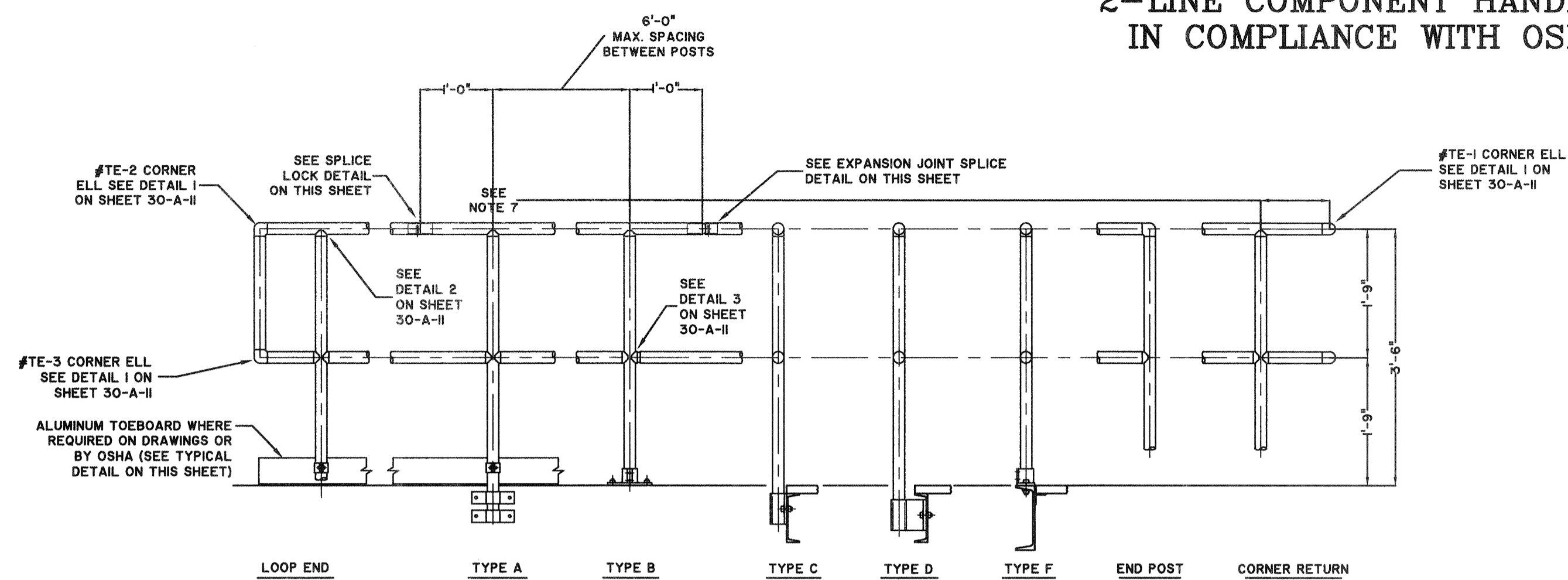
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TRAVIS FIELD WATER RECLAMATION FACILITY
ARCHITECTURAL NOTES AND DETAILS

JOB NO:	J-26963.0000
DATE:	1-16-19
DRAWN:	CDR
DESIGNED:	CDR
REVIEWED:	AL
APPROVED:	FS
SCALE:	1" = 30"

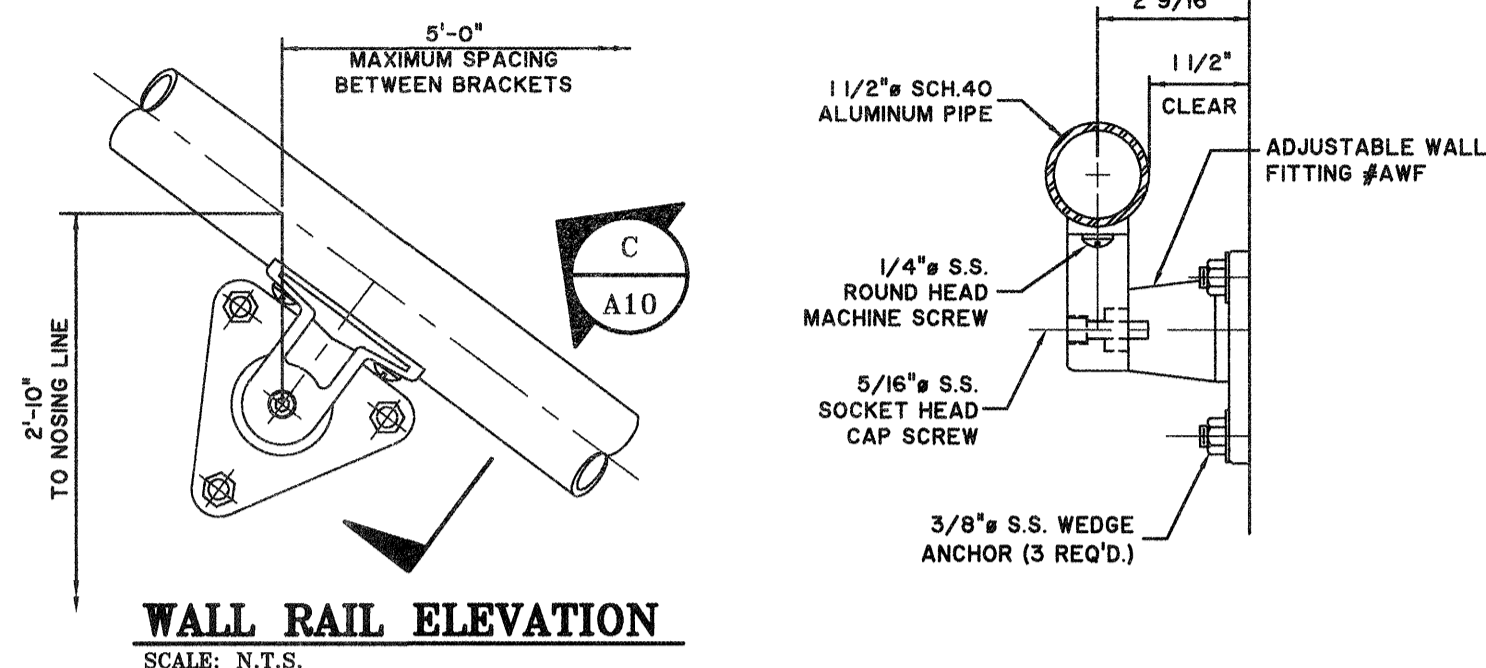
A5.1

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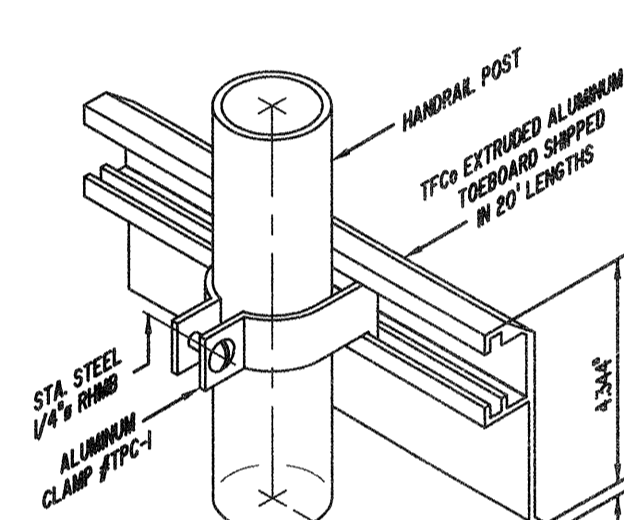
**2-LINE COMPONENT HANDRAIL
IN COMPLIANCE WITH OSHA**



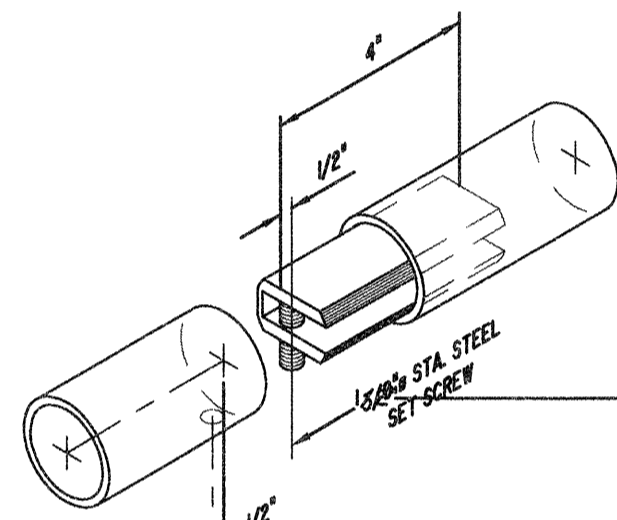
TYPICAL HANDRAIL
SCALE: N.T.S.



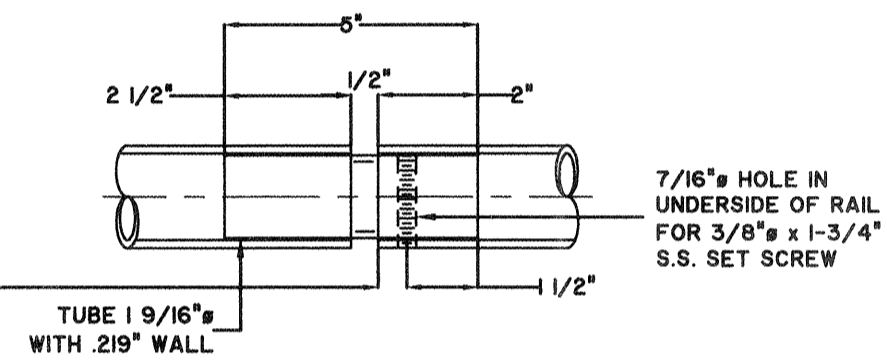
WALL RAIL ELEVATION
SCALE: N.T.S.



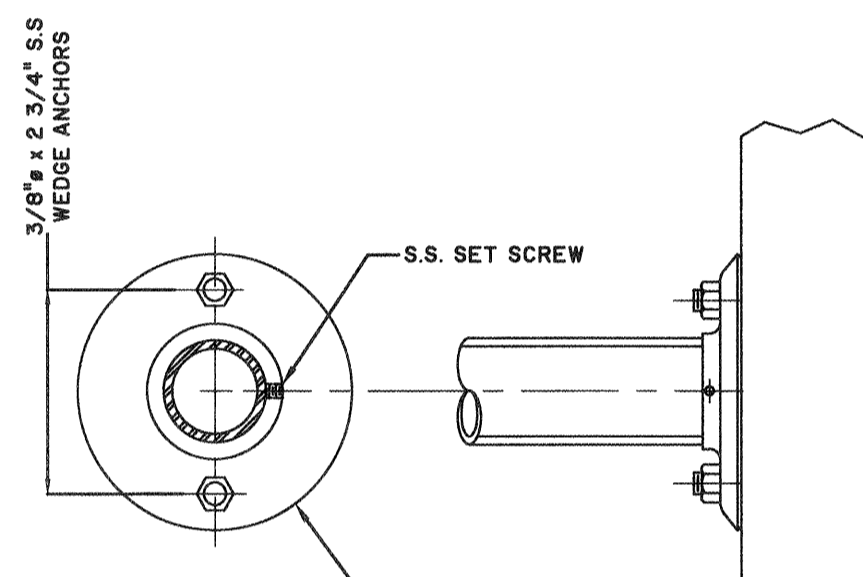
TOEBOARD DETAILS
SCALE: N.T.S.



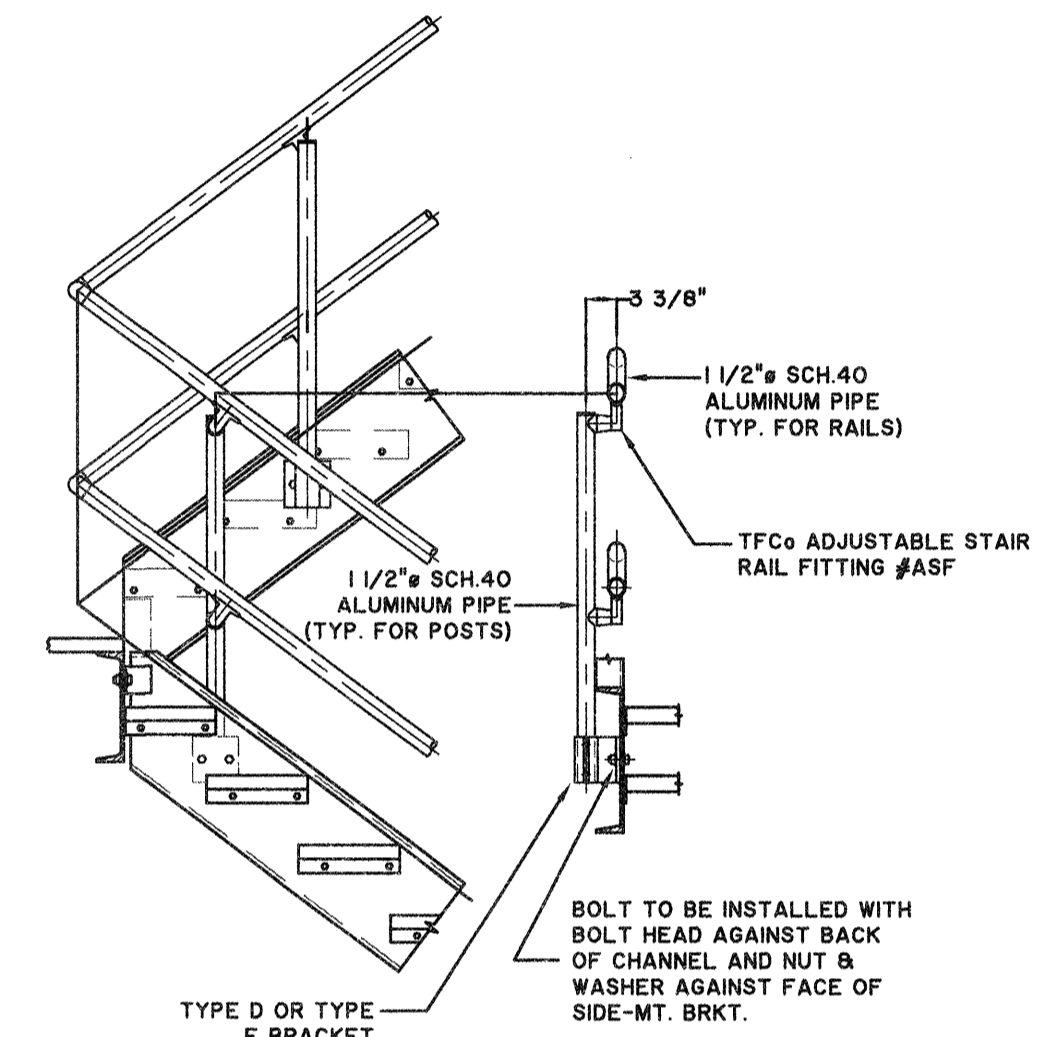
SPLICE LOCK #SL-1
SCALE: N.T.S.



**EXPANSION JOINT SPLICE #ES-1
(LOCATED AT 60'-0"
MAXIMUM INTERVALS)**
SCALE: N.T.S.

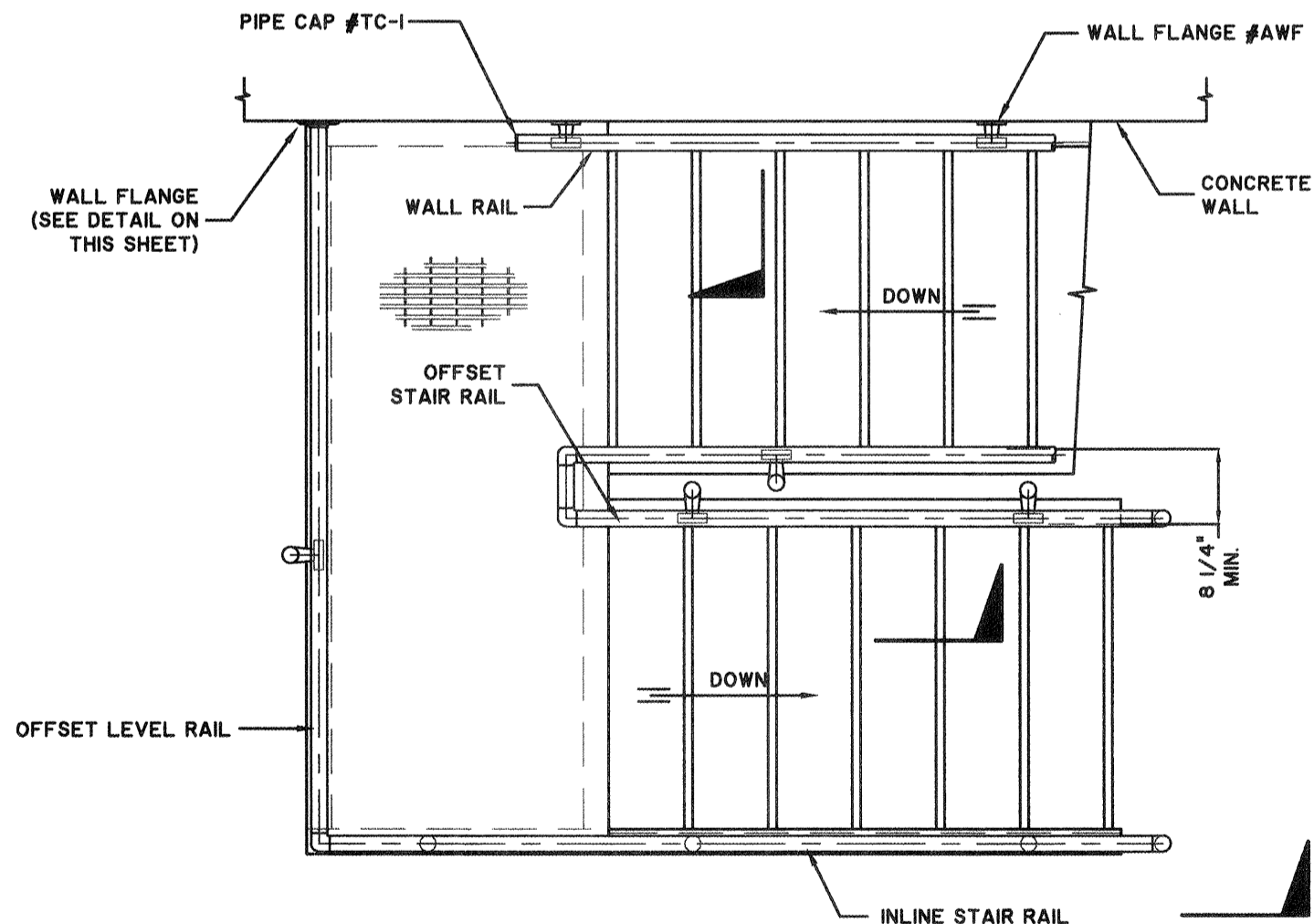


WALL FLANGE DETAIL
SCALE: N.T.S.

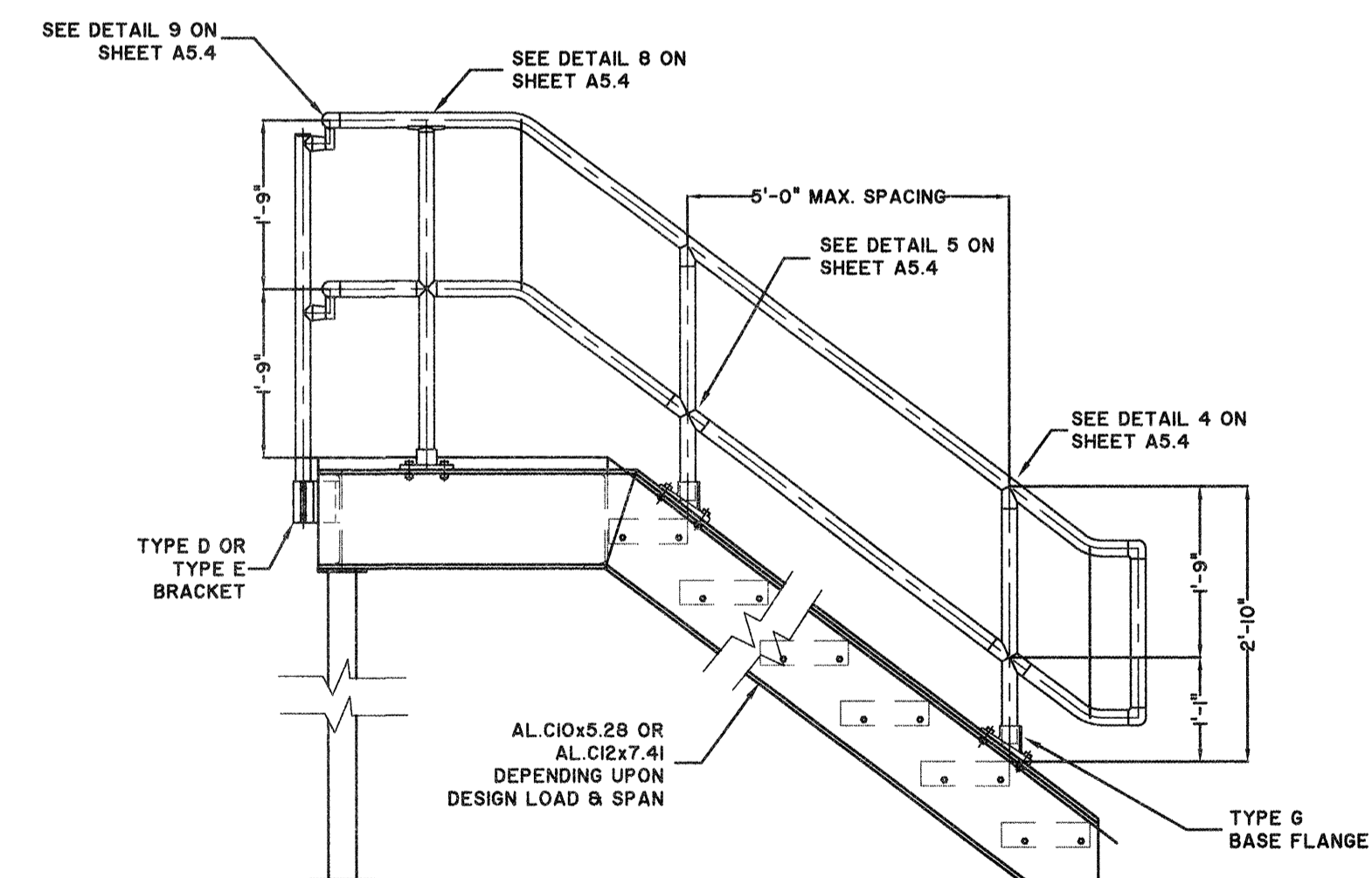


TYPE D OR TYPE E BRACKET

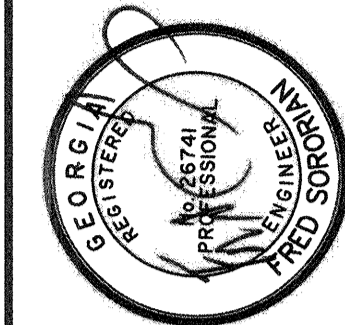
- OSHA DESIGN SPECIFICATIONS**
- HANDRAIL SHALL BE THE PRODUCT OF A COMPANY NORMALLY ENGAGED IN THE MANUFACTURE OF PIPE RAILING. RAILING SHALL BE SHOP ASSEMBLED IN LENGTHS NOT TO EXCEED 24 FEET FOR FIELD ERECTION.
 - HANDRAILS SHALL BE DESIGNED TO WITHSTAND 200# CONCENTRATED LOAD APPLIED IN ANY DIRECTION TO THE TOP RAIL.
 - THE MANUFACTURER SHALL SUBMIT CALCULATIONS TO THE ENGINEER FOR APPROVAL. TESTING OF BASE CASTINGS OR BASE EXTRUSIONS BY AN INDEPENDENT LAB OR MANUFACTURER'S LAB (IF MANUFACTURER'S LAB MEETS THE REQUIREMENTS OF THE ALUMINUM ASSOCIATION) WILL BE AN ACCEPTABLE SUBSTITUTE FOR CALCULATIONS. CALCULATIONS WILL BE REQUIRED FOR APPROVAL OF ALL OTHER DESIGN ASPECTS.
 - POST SPACING SHALL BE A MAXIMUM OF 6'-0". POSTS AND RAILINGS SHALL BE A MINIMUM OF 1-1/2" SCHEDULE 40 ALUMINUM PIPE ALLOY 6061-T5, ASTM-B-429 OR ASTM-B-221. THE HANDRAIL MANUFACTURER SHALL SHOW THAT THEIR POSTS ARE OF ADEQUATE STRENGTH TO MEET THE LOADING REQUIREMENTS. IF THE MANUFACTURER'S POSTS ARE NOT OF ADEQUATE STRENGTH, THE MANUFACTURER MAY REDUCE THE POST SPACING OR ADD REINFORCING DOWELS OR MAY DO BOTH IN ORDER TO MEET THE LOADING REQUIREMENTS.
 - THE HANDRAIL SHALL BE MADE OF PIPES JOINED TOGETHER WITH COMPONENT FITTINGS. SAMPLES OF ALL COMPONENTS, BASES, TOE PLATE AND PIPE MUST BE SUBMITTED FOR APPROVAL. COMPONENTS THAT ARE POP-RIVETED OR GLUED AT THE JOINTS WILL NOT BE ACCEPTABLE. ALL COMPONENTS MUST BE MECHANICALLY FASTENED WITH STAINLESS STEEL HARDWARE. HANDRAIL AND COMPONENTS SHALL BE TUF RAIL, AS MANUFACTURED BY THOMPSON FABRICATING COMPANY (BIRMINGHAM, ALABAMA) OR AN APPROVED EQUAL.
 - POSTS SHALL NOT INTERRUPT THE CONTINUATION OF THE TOP RAIL AT ANY POINT ALONG THE RAILING, INCLUDING CORNERS AND END TERMINATIONS (OSHA 1910.23). THE TOP SURFACE OF THE TOP RAILING SHALL BE SMOOTH AND SHALL NOT BE INTERRUPTED BY PROJECTED FITTINGS.
 - THE MIDRAIL AT A CORNER RETURN SHALL BE ABLE TO WITHSTAND A 200# LOAD WITHOUT LOOSENING. THE MANUFACTURER IS TO DETERMINE THIS DIMENSION FOR THEIR SYSTEM. PROVIDE PHYSICAL TESTS FROM A LABORATORY TO CONFIRM COMPLIANCE.
 - EXPANSION BOLTS SHALL BE SPACED 10D APART AND 5D EDGE DISTANCE FOR NO REDUCTION IN PULLOUT STRENGTH. A SAFETY FACTOR OF 4 SHALL BE USED ON EXPANSION BOLT PULLOUT VALUES PUBLISHED BY THE MANUFACTURER. EXPANSION BOLTS SHALL BE STAINLESS STEEL TYPE 18-8 WEDGE BOLTS AND SHALL BE FURNISHED BY THE HANDRAIL MANUFACTURER.
 - TOE PLATE SHALL CONFORM TO OSHA STANDARDS. TOE PLATE SHALL BE A MINIMUM OF 4" HIGH AND SHALL BE AN EXTRUSION THAT ATTACHES TO THE POSTS WITH CLAMPS WHICH WILL ALLOW FOR EXPANSION AND CONTRACTION BETWEEN POSTS. TOE PLATES SHALL BE SET 1/4" ABOVE THE WALKING SURFACE. TOE PLATES SHALL BE PROVIDED ON HANDRAILS AS REQUIRED BY OSHA AND/OR AS SHOWN ON DRAWINGS. TOE PLATES SHALL BE SHIPPED LOOSE IN STOCK LENGTHS WITH PRE-MANUFACTURED CORNERS FOR FIELD INSTALLATION.
 - OPENINGS IN THE RAILING SHALL BE GUARDED BY A SELF-CLOSING GATE (OSHA 1910.23). SAFETY CHAINS SHALL NOT BE USED UNLESS SPECIFICALLY SHOWN ON THE DRAWINGS.
 - FINISH SHALL BE ALUMINUM ASSOCIATION M10-C22-A41 (215-RI). THE PIPE SHALL BE PLASTIC-WRAPPED. THE PLASTIC WRAP IS TO BE REMOVED AFTER ERECTION.
 - ALUMINUM SURFACES IN CONTACT WITH CONCRETE, GROUT OR DISSIMILAR METALS WILL BE PROTECTED WITH A COAT OF BITUMINOUS PAINT, MYLAR ISOLATORS OR OTHER APPROVED MATERIAL.



**TYPICAL HANDRAIL AT METAL STAIRS;
HANDRAIL AT CONCRETE STEPS SIMILAR
PLAN**
SCALE: N.T.S.



**TYPE G
BASE FLANGE**



NO.	ISSUED FOR BIDS	REVISIONS	CDR	BY	DATE
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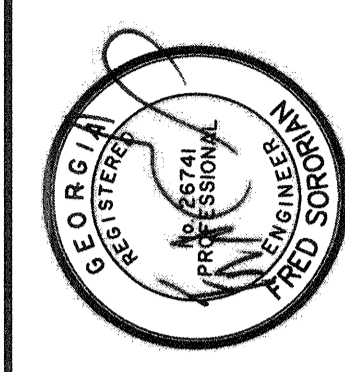
SAVANNAH
savannah@thomasandhutton.com

TRAVIS FIELD WATER RECLAMATION FACILITY
ARCHITECTURAL NOTES AND DETAILS

JOB NO:	J-26963.0000
DATE:	1-16-19
DRAWN:	CDR
DESIGNED:	CDR
REVIEWED:	AL
APPROVED:	FS
SCALE:	AS NOTED

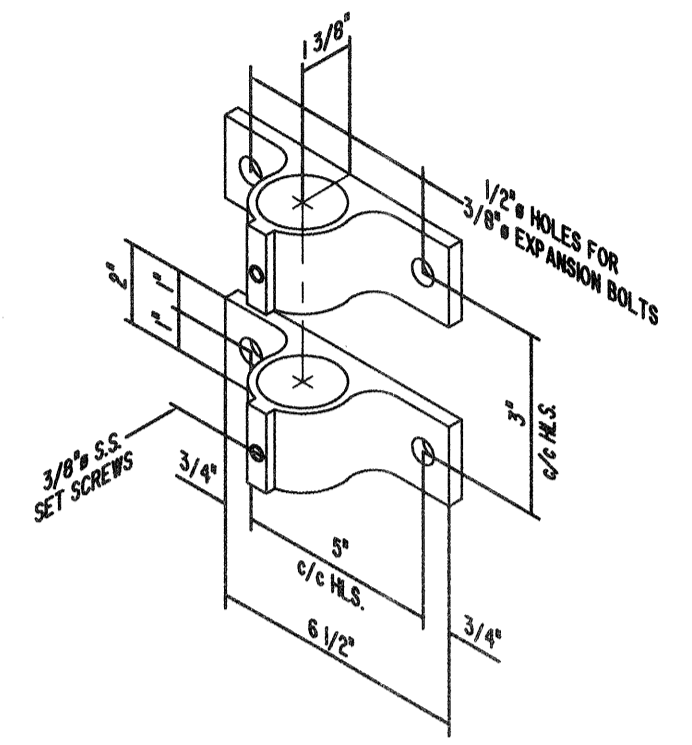
A5.3

BID SET - NOT FOR CONSTRUCTION

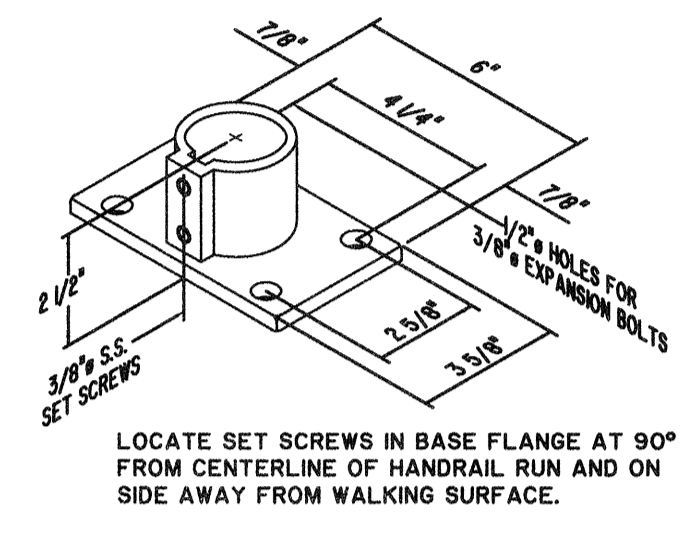


BID SET - NOT FOR CONSTRUCTION

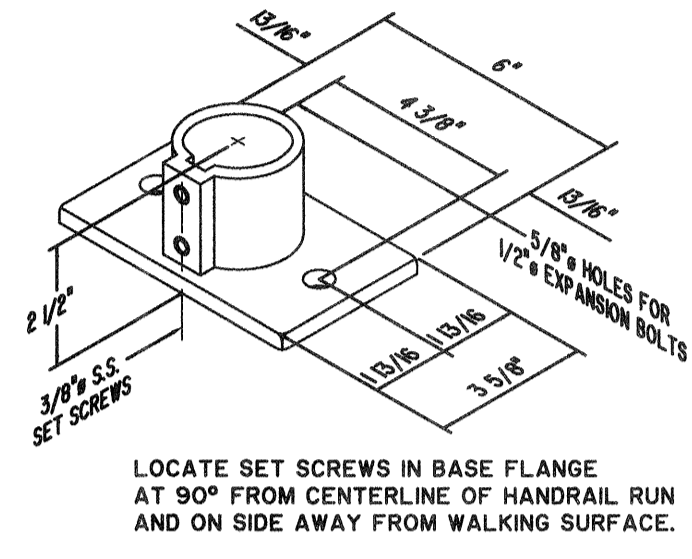
**2-LINE COMPONENT HANDRAIL
IN COMPLIANCE WITH OSHA**



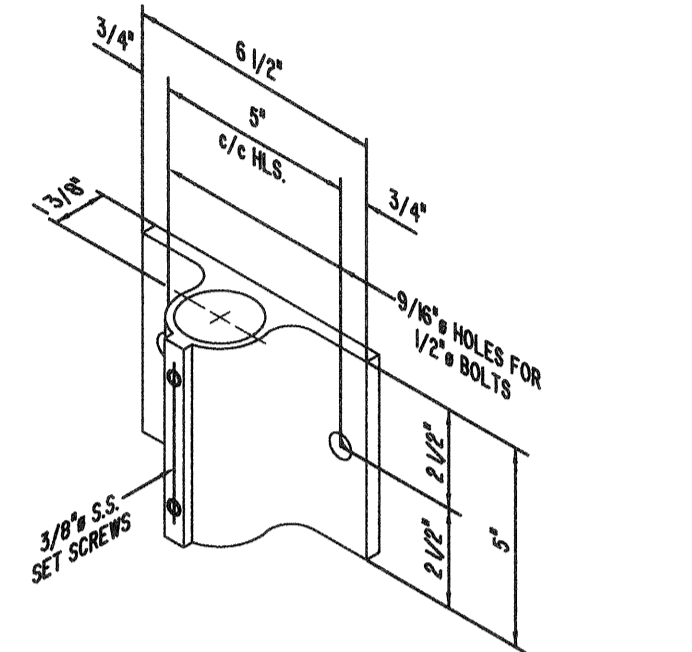
**SIDE-MT. BRACKET #TSM-1.50
TYPE A**
SCALE: N.T.S.



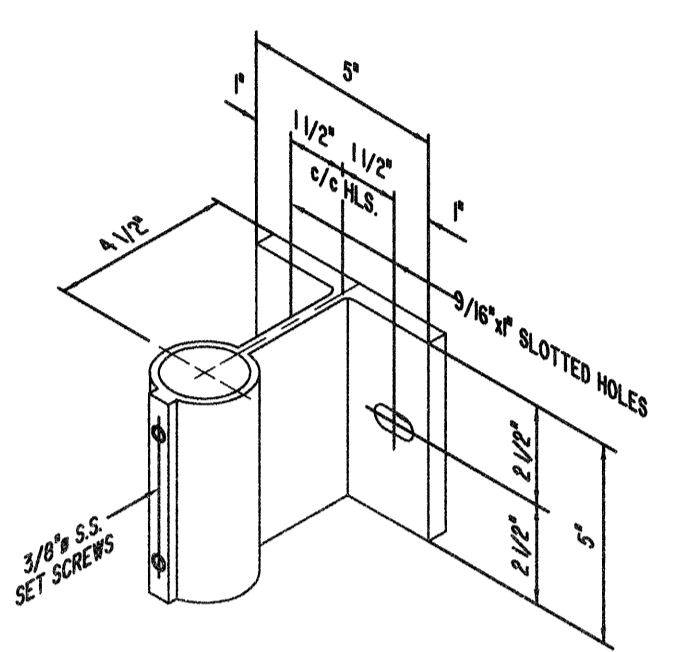
**BASE FLANGE #TBF-1.4
TYPE B (4-HOLE)**
SCALE: N.T.S.



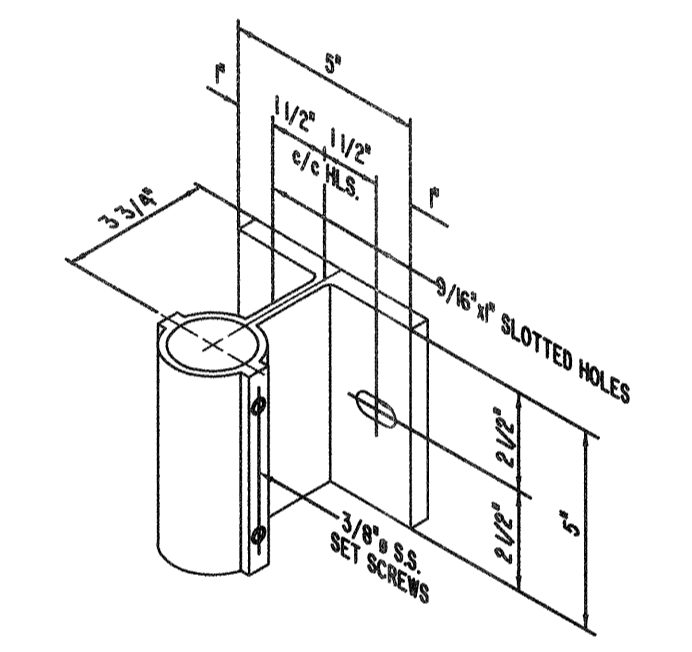
**BASE FLANGE #TBF-1.2
TYPE B (2-HOLE)**
SCALE: N.T.S.



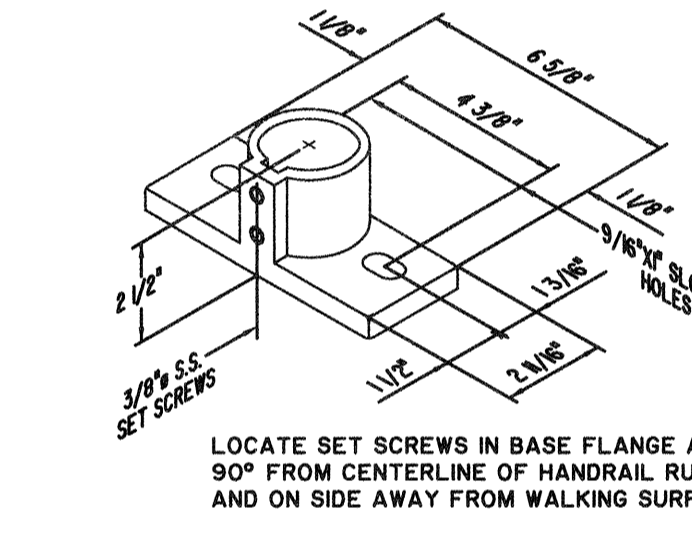
**SIDE-MT. BRACKET #TSM-1.50
TYPE C**
SCALE: N.T.S.



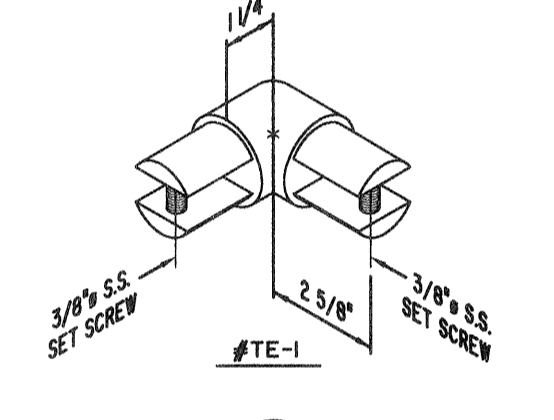
**SIDE-MT. BRACKET #SMB-2
TYPE D**
SCALE: N.T.S.



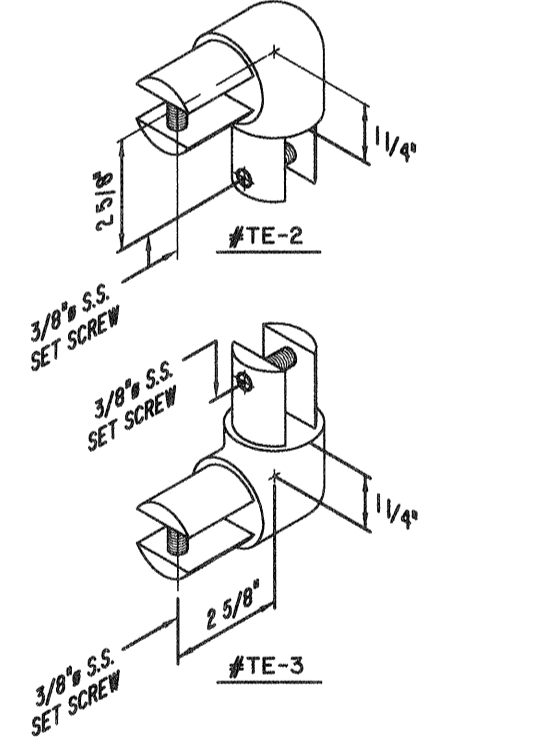
**SIDE-MT. BRACKET #SMB-3
TYPE E**
SCALE: N.T.S.



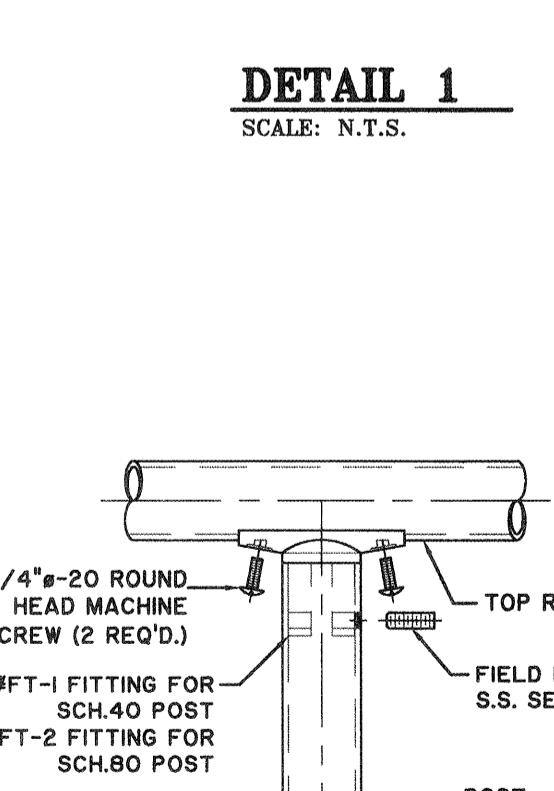
**BASE FLANGE #TBF-2
TYPE F**
SCALE: N.T.S.



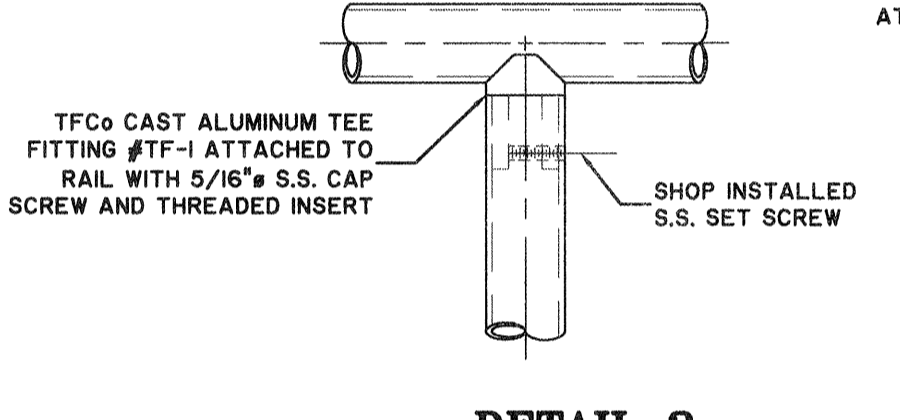
DETAIL 1
SCALE: N.T.S.



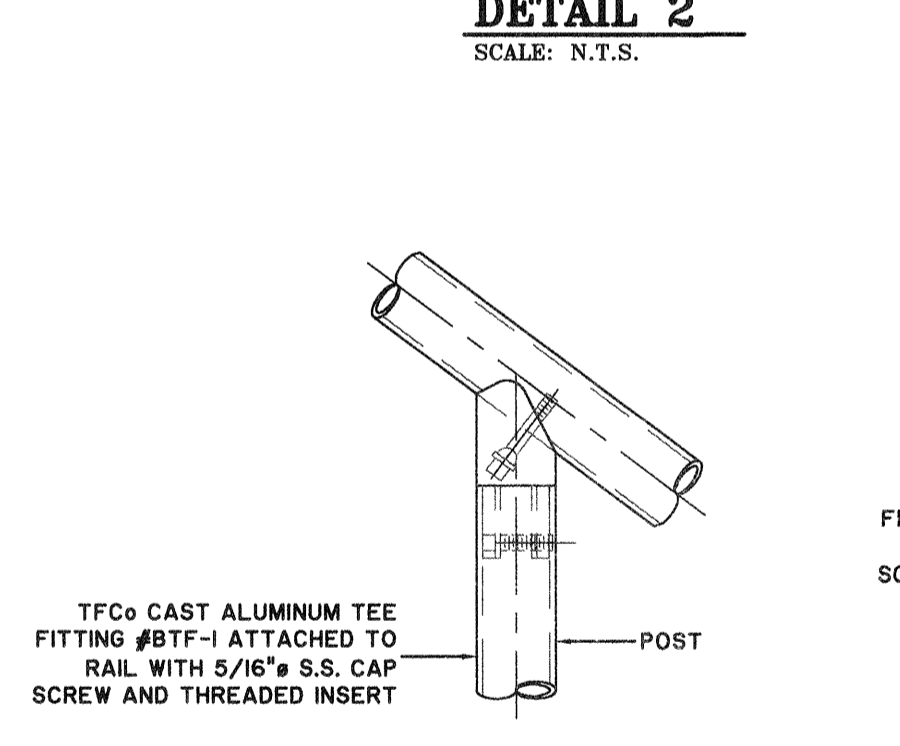
DETAIL 2
SCALE: N.T.S.



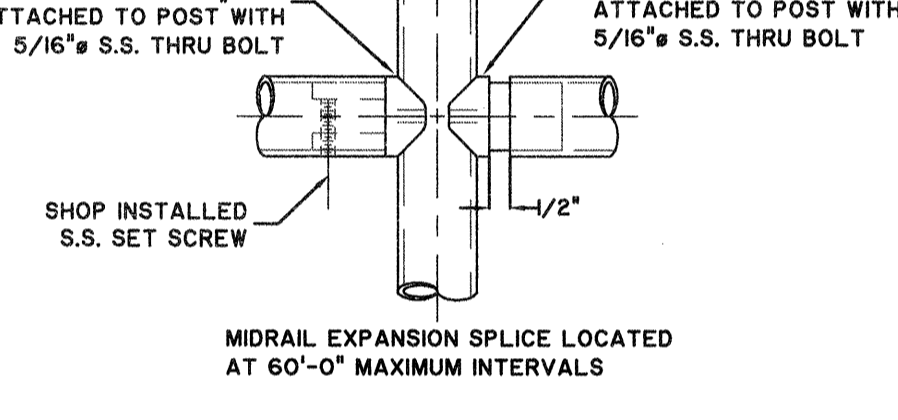
DETAIL 3
SCALE: N.T.S.



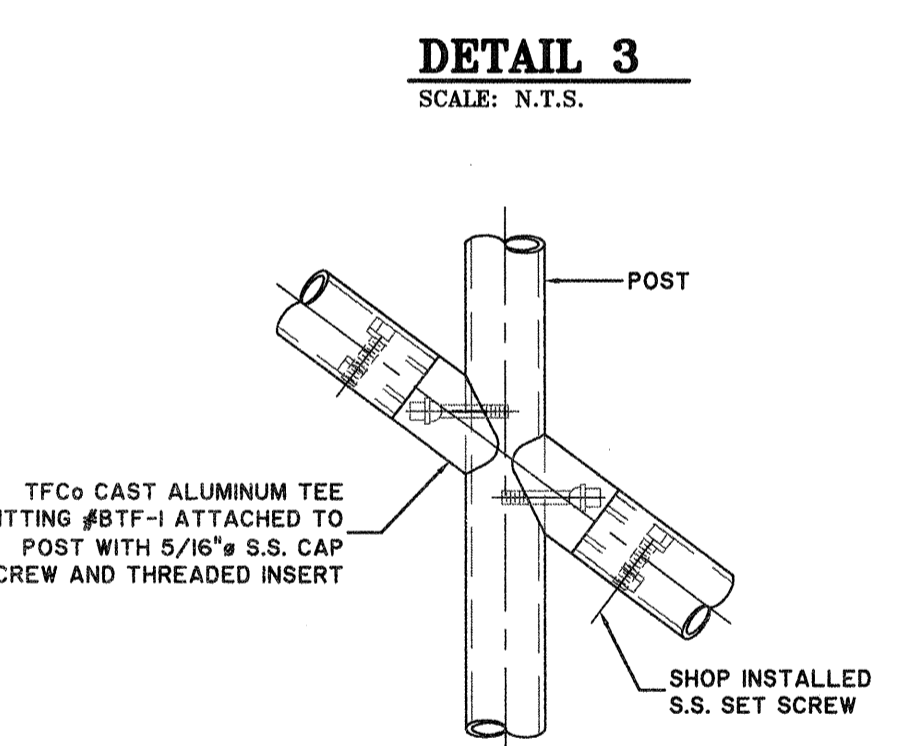
DETAIL 4
SCALE: N.T.S.



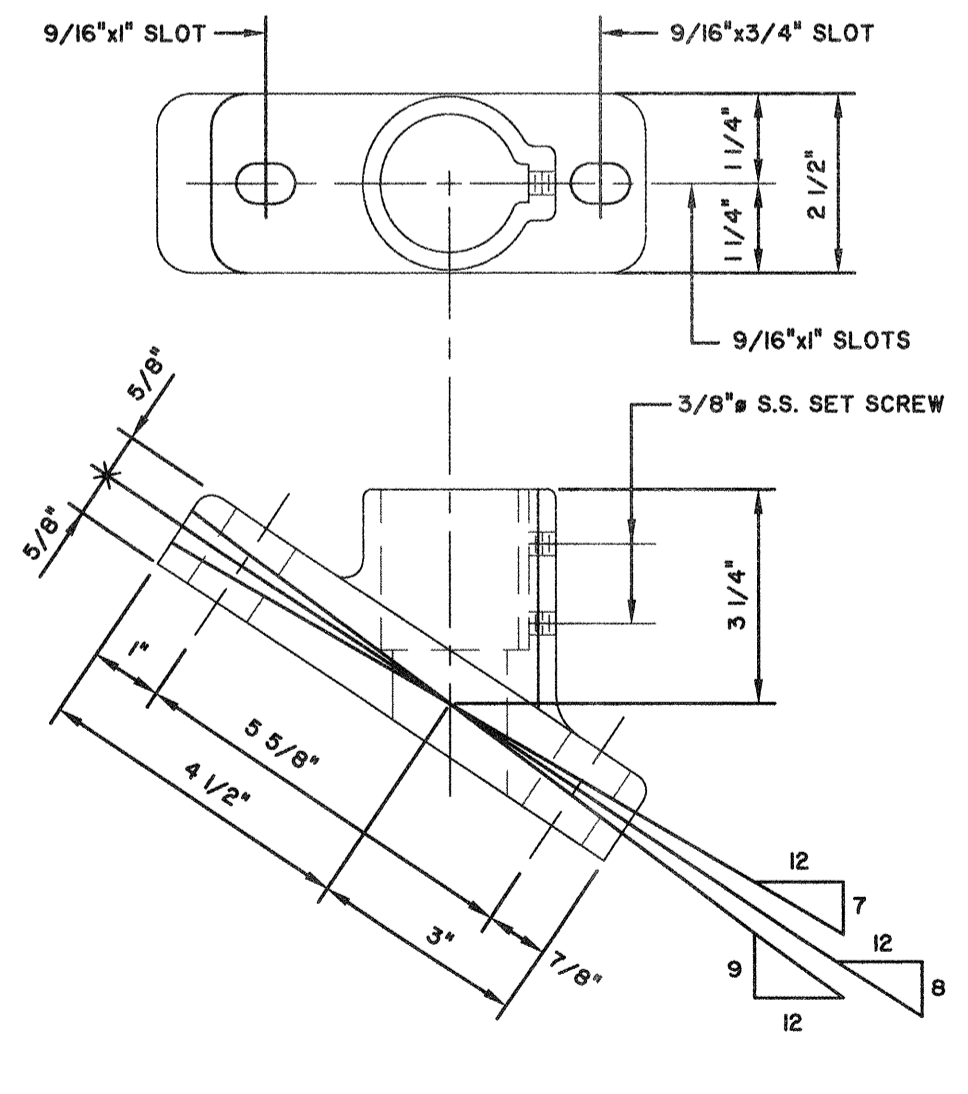
DETAIL 5
SCALE: N.T.S.



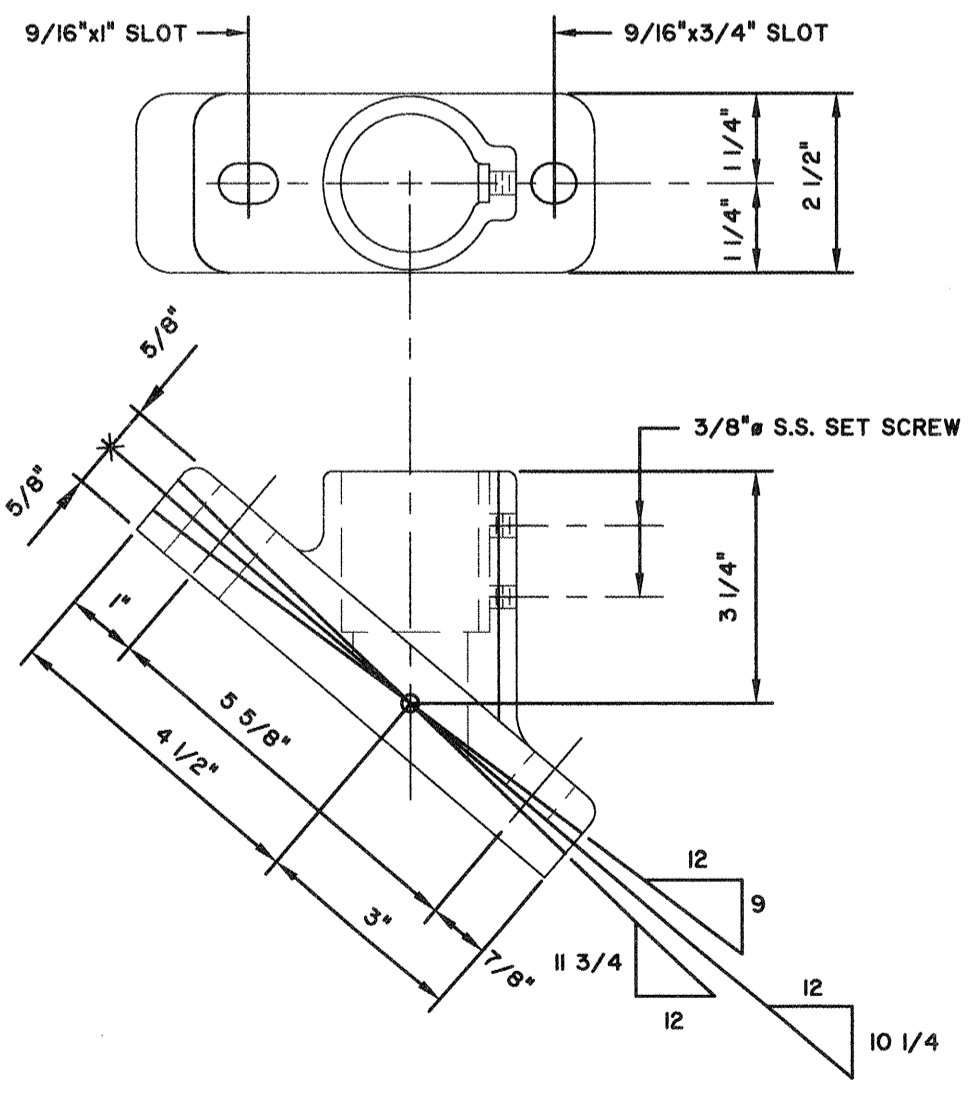
DETAIL 6
SCALE: N.T.S.



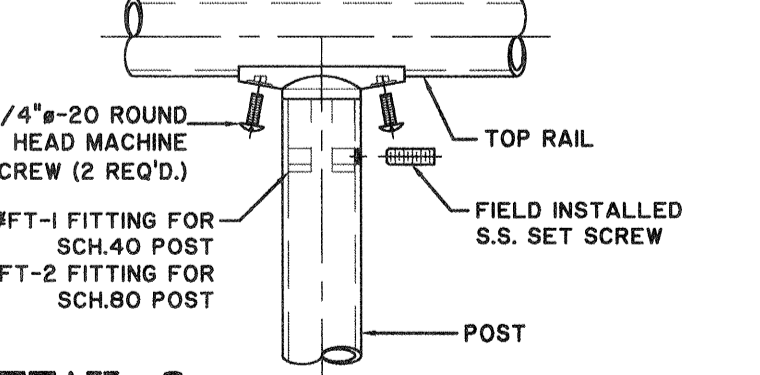
DETAIL 7
SCALE: N.T.S.



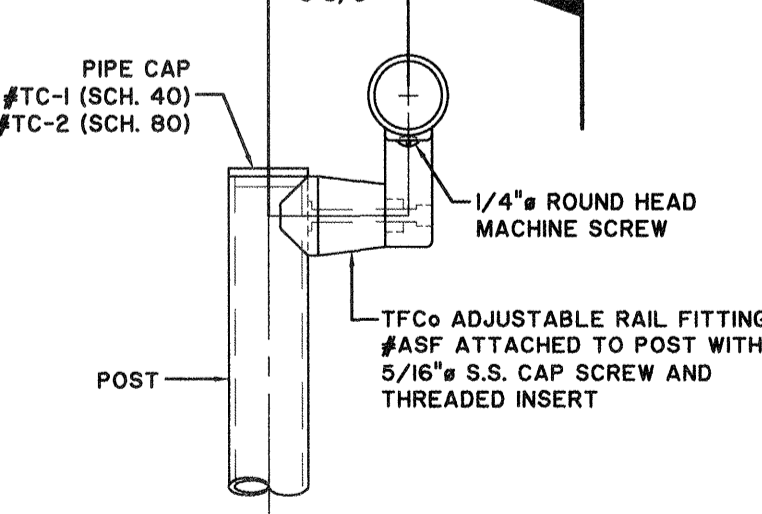
**BASE FLANGE #ABF-1
TYPE G
RANGES FROM 30° TO 37°**
SCALE: N.T.S.



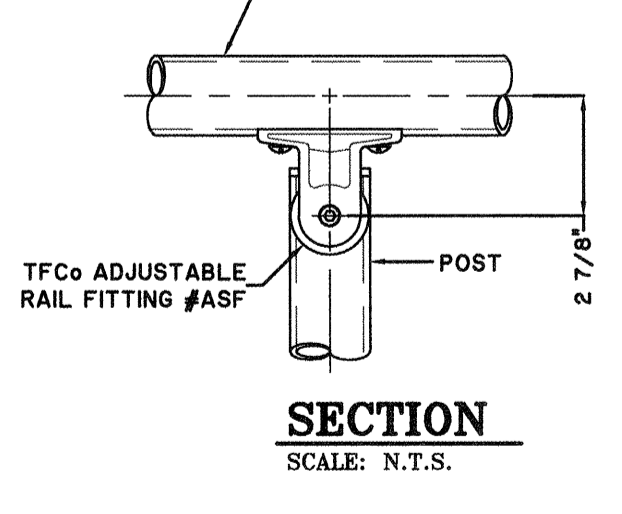
**BASE FLANGE #ABF-2
TYPE G
RANGES FROM 37° TO 44°**
SCALE: N.T.S.



**DETAIL 8
FOR FIELD ASSEMBLED HANDRAIL**
SCALE: N.T.S.



DETAIL 9
SCALE: N.T.S.



SECTION
SCALE: N.T.S.

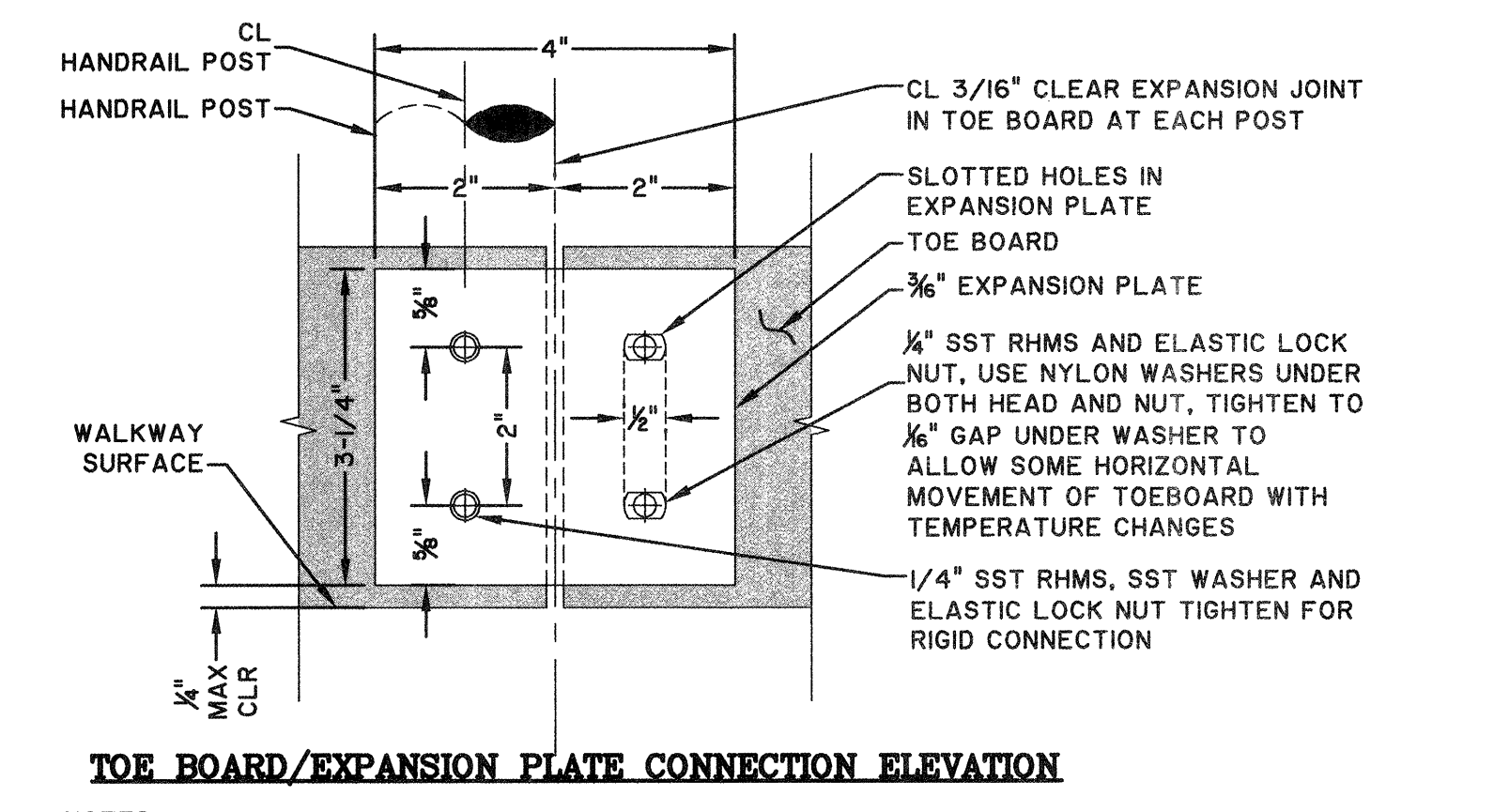
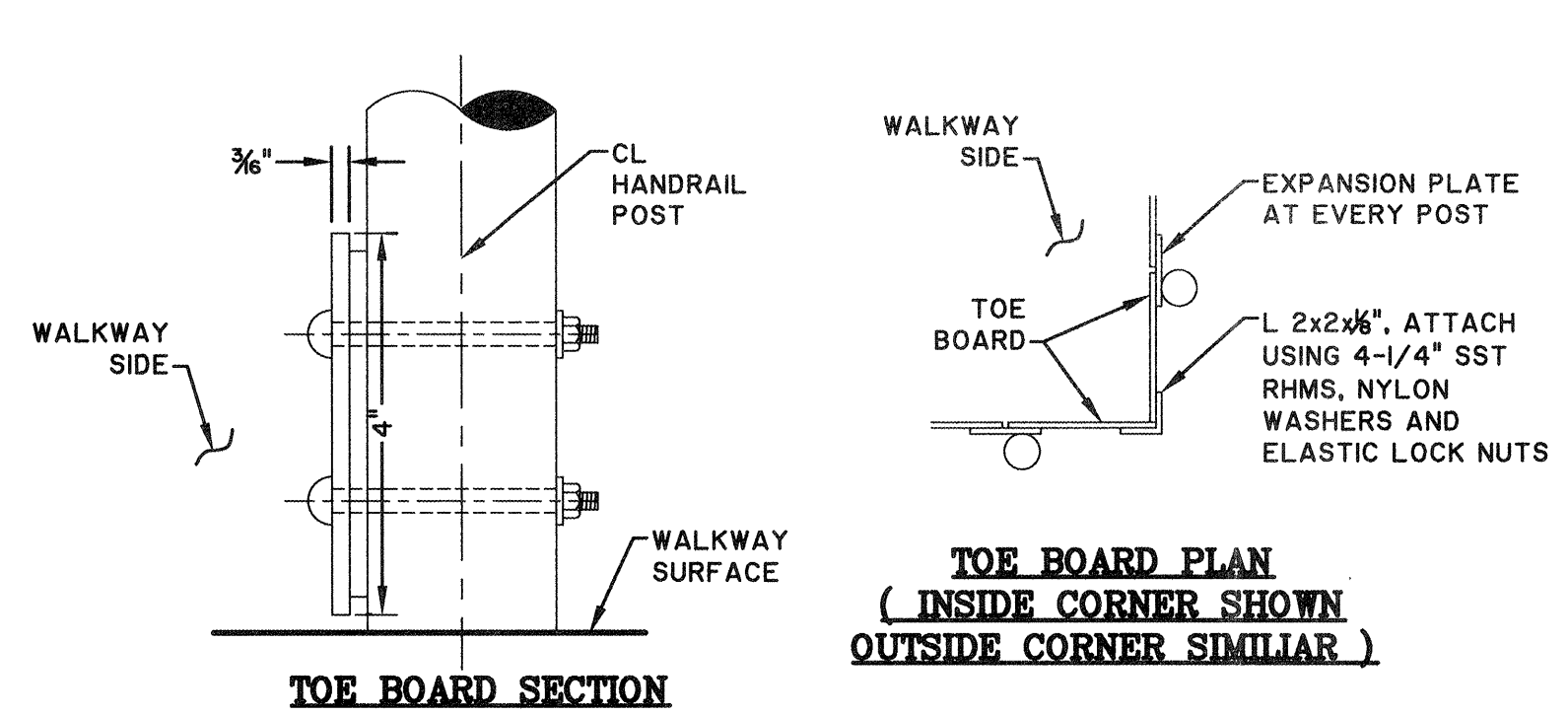
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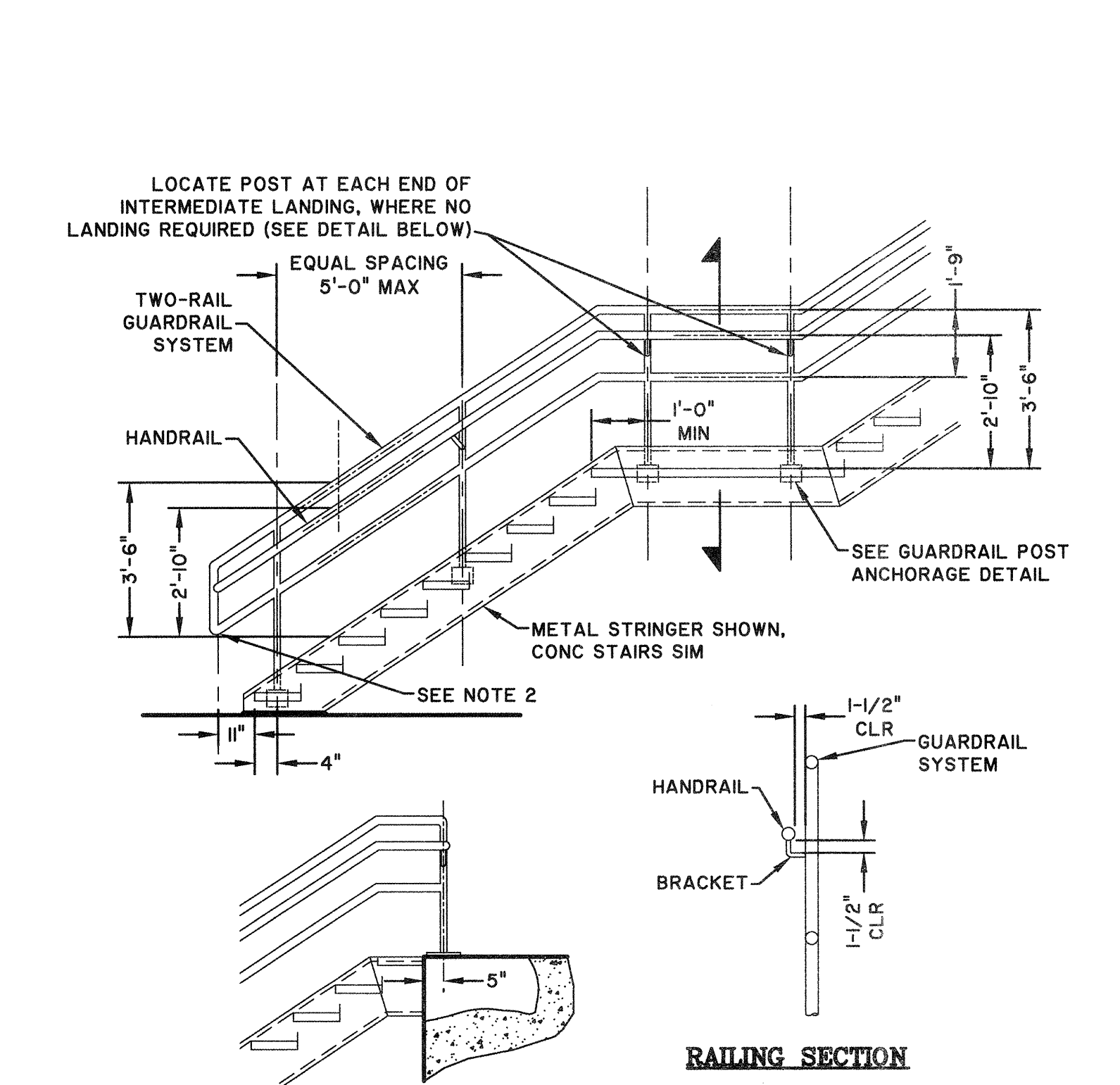
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APPROVED:	FS
SCALE:	AS NOTED

A5.4



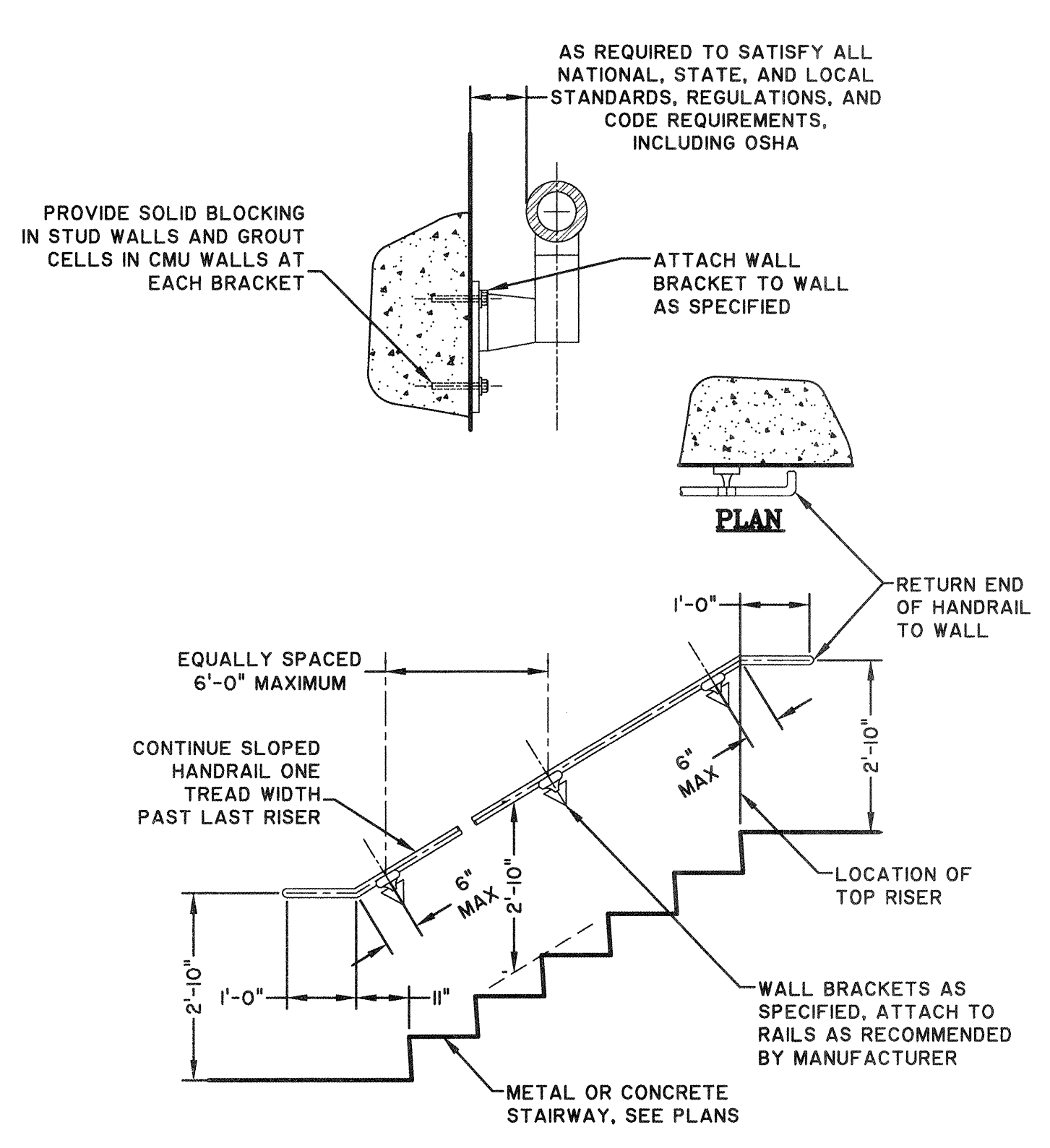
NOTES:
 1. WHERE BOLTED BASE PLATE EXTENDS ABOVE WALKWAY SURFACE, NOTCH TOE BOARD TO FIT AROUND BASE PLATE WITH MAXIMUM OF 1/4" GAP.
 2. TOE BOARD TO BE MOUNTED ON WALKWAY SIDE OD HANDRAIL.
 3. RHMS = ROUND HEAD MACHINE SCREW AS SPECIFIED, STAINLESS STEEL.

**S-STAR-13
 HANDRAIL TOE BOARD-ALUMINUM**
 SCALE: N.T.S.



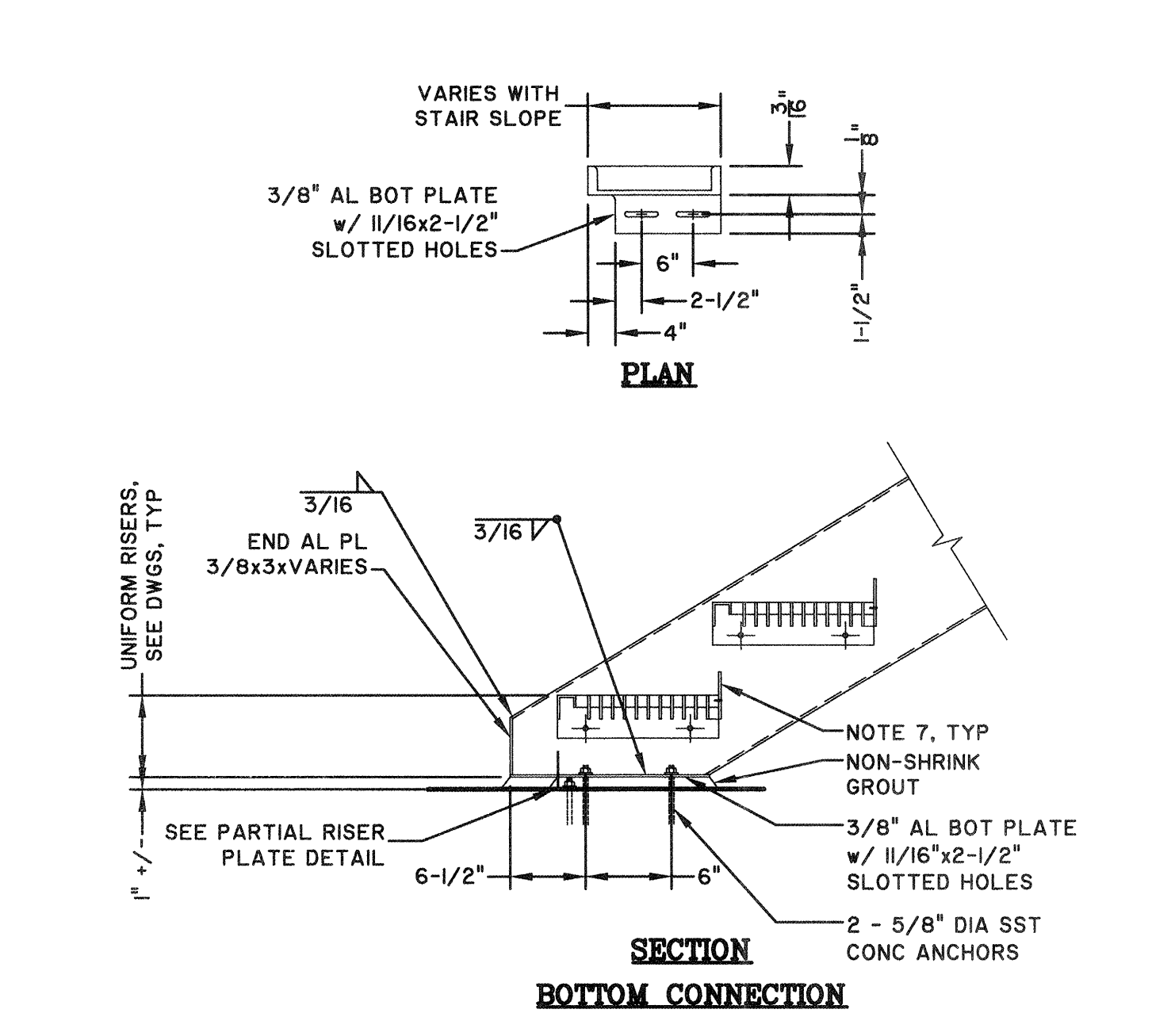
NOTES:
 1. PROVIDE TOE BOARD AT LANDING WHERE REQUIRED.
 2. RETURN END OF HANDRAIL TO GUARDRAIL AT BOTH ENDS.

**S-STAR-10
 TWO-RAIL STAIR RAILING-ALUMINUM (IBC)**
 SCALE: N.T.S.



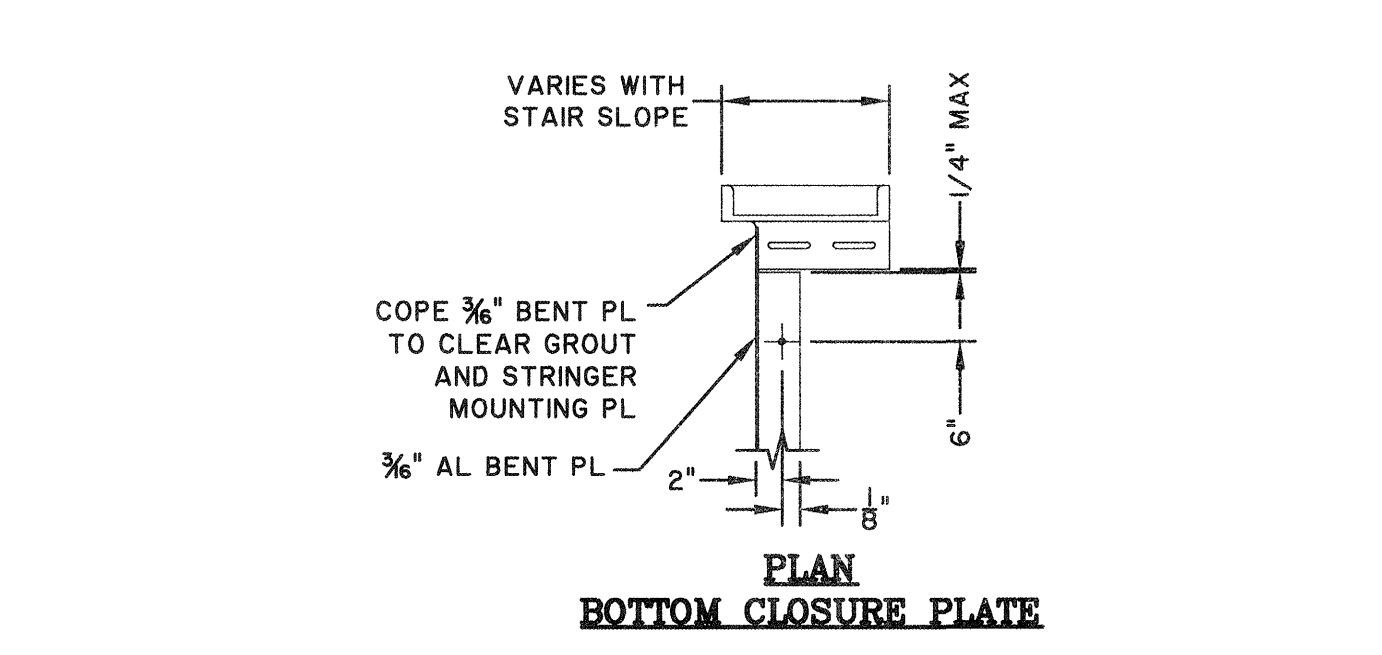
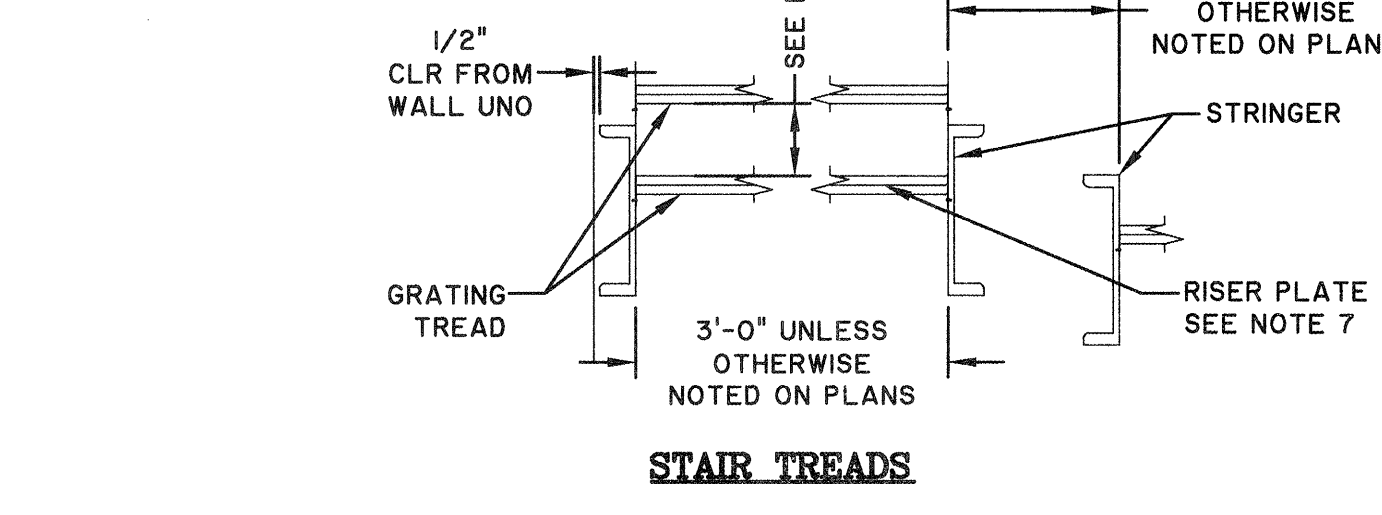
**S-STAR-12
 WALL HANDRAIL-ALUMINUM**
 SCALE: N.T.S.

NOTES:
 1. PROVIDE PROTECTION FOR DISSIMILAR METALS AND CONCRETE AS SPECIFIED.
 2. AMERICAN STANDARD C12x7.41 ALUMINUM STRINGERS TYPICAL EXCEPT WHERE OTHERWISE NOTED ON PLANS.
 3. STAIR HANDRAIL NOT SHOWN.
 4. STAIR MANUFACTURER TO COORDINATE BOLTED TREADS AND HANDRAIL CONNECTIONS.
 5. ALL FASTENERS SHALL BE STAINLESS STEEL.
 6. FIELD VERIFY DIMENSIONS AND ELEVATIONS PRIOR TO FABRICATION.
 7. FOR RISER PLATE SEE PARTIAL RISER PLATE DETAIL UNLESS NOTED OTHERWISE. CLEARANCE BETWEEN TOP OF RISER PLATE AND BOTTOM OF TREAD TO BE 3-3/4" MAXIMUM. FOR STAIRS WITH PICKET HANDRAIL EXTEND RISER PLATE PER FULL RISER PLATE DETAIL.

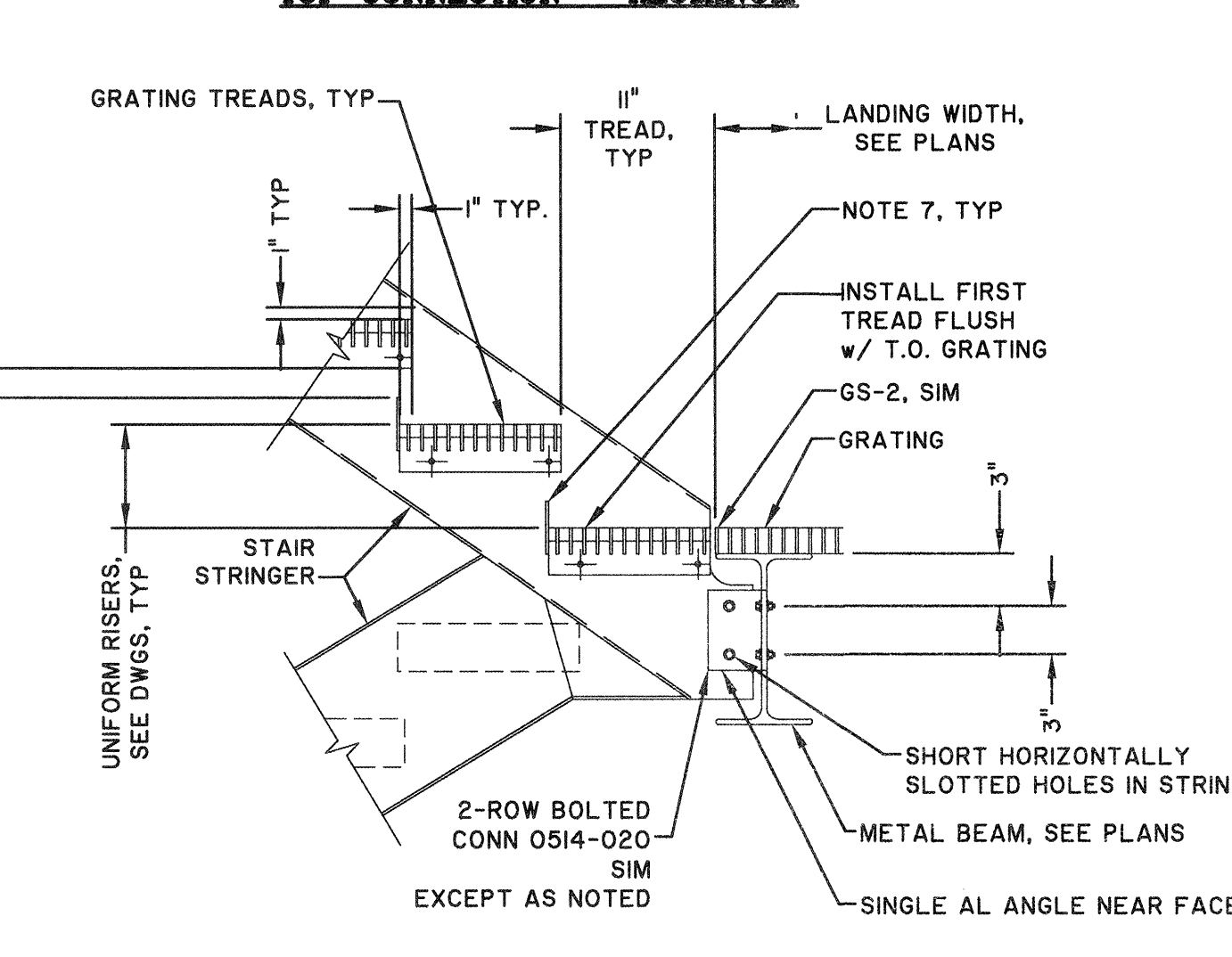
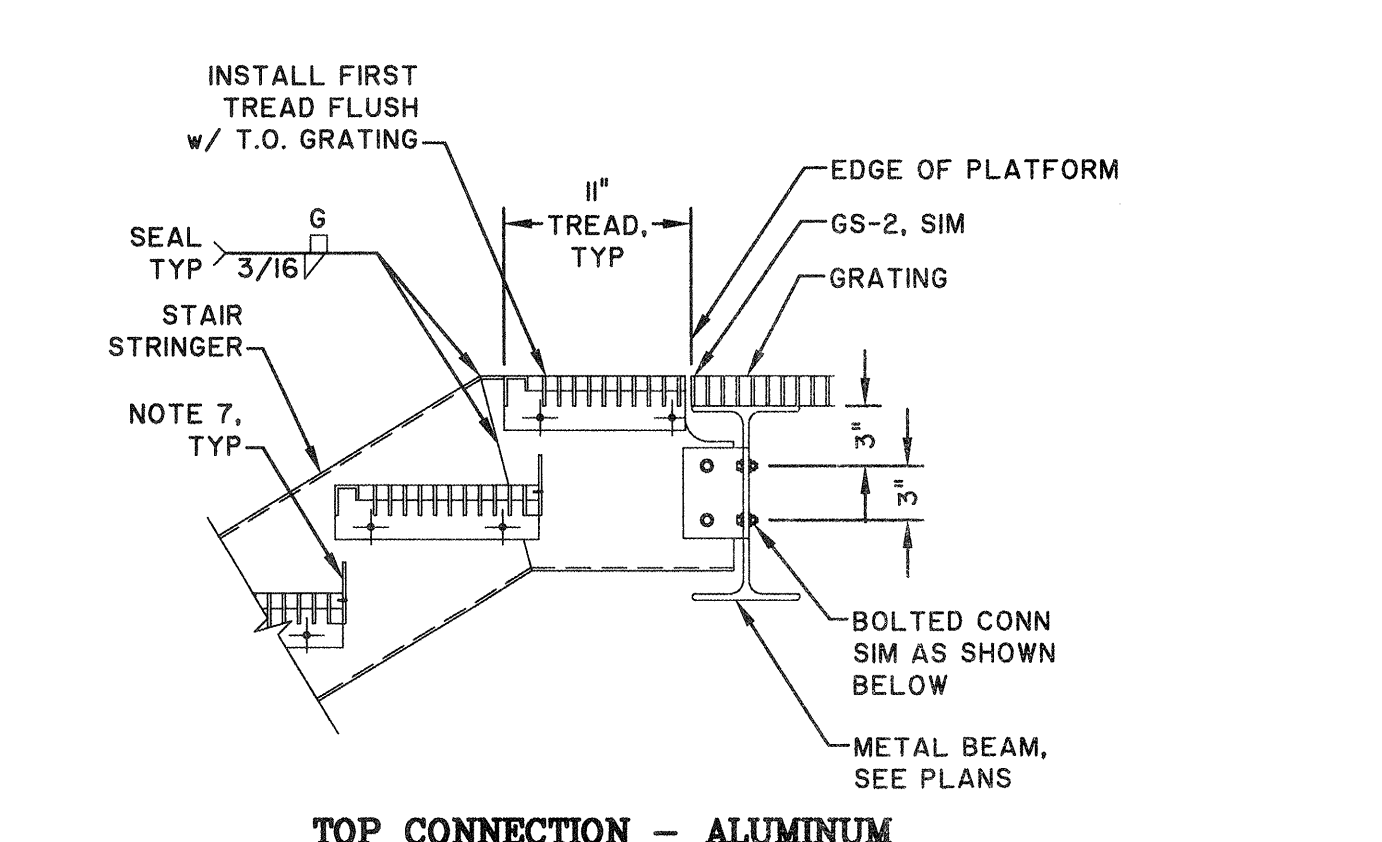


**S-STAR-01
 STAIR DETAILS -- ALUMINUM (1 OF 2)**
 SCALE: N.T.S.

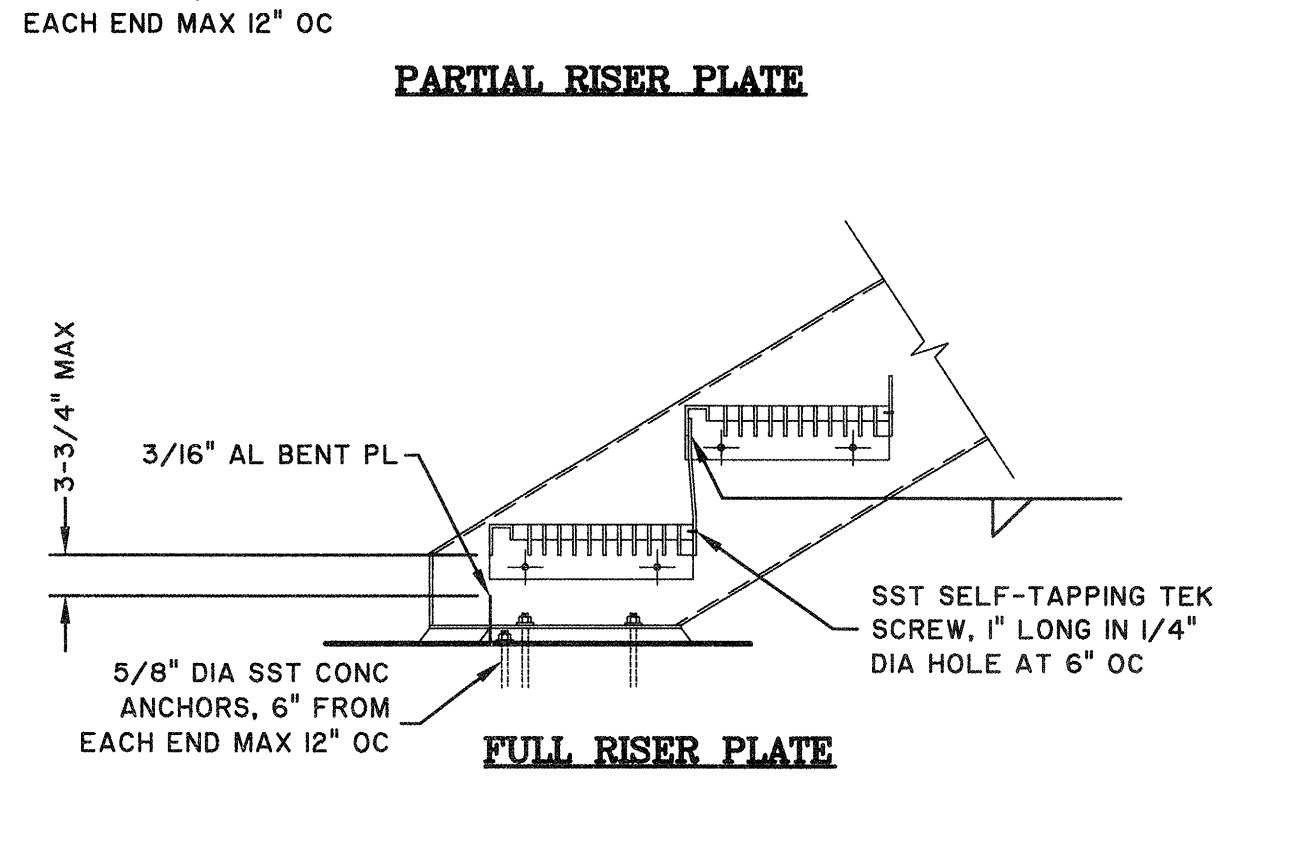
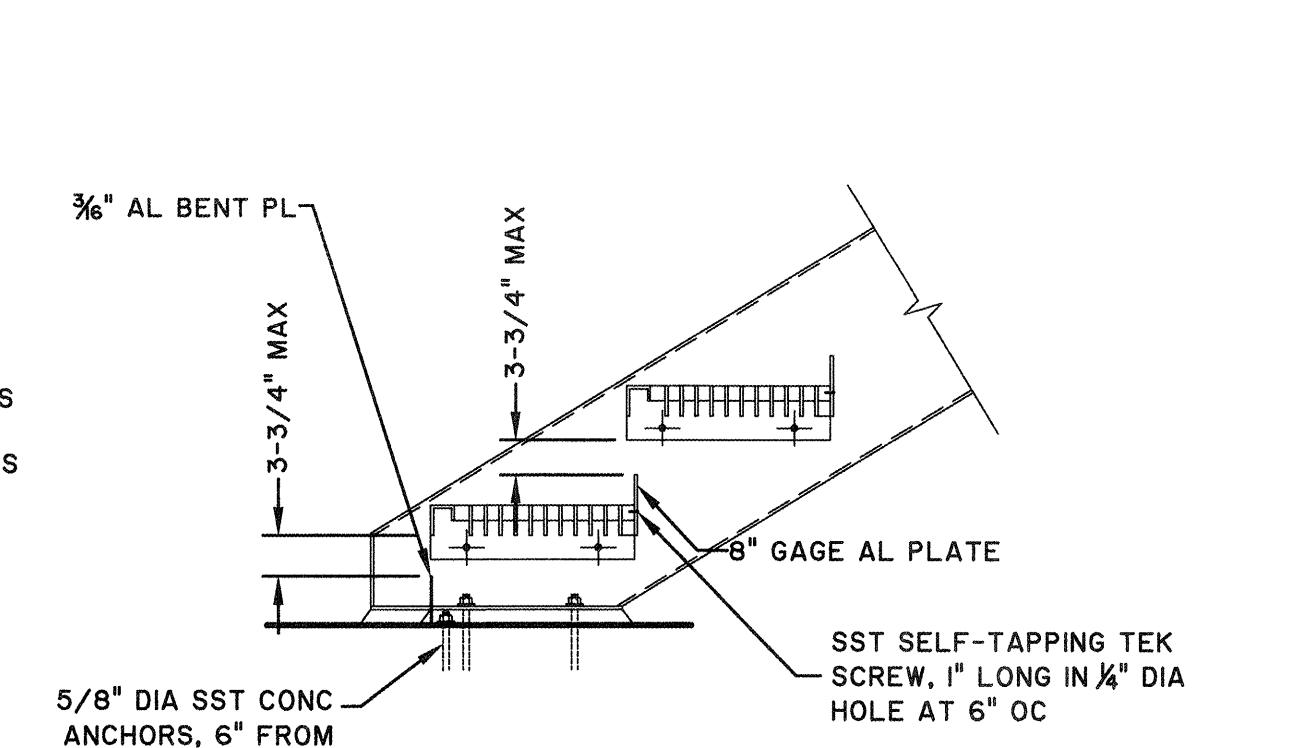
STAIRWAY WIDTH	TREAD BEARING BARS
	ALUMINUM TREAD
2'-3" OR LESS	1" x 3/8"
2'-9" OR LESS	1-1/4" x 3/8"
3'-3" OR LESS	1-1/2" x 3/8"
4'-7" OR LESS	1-3/4" x 3/8"



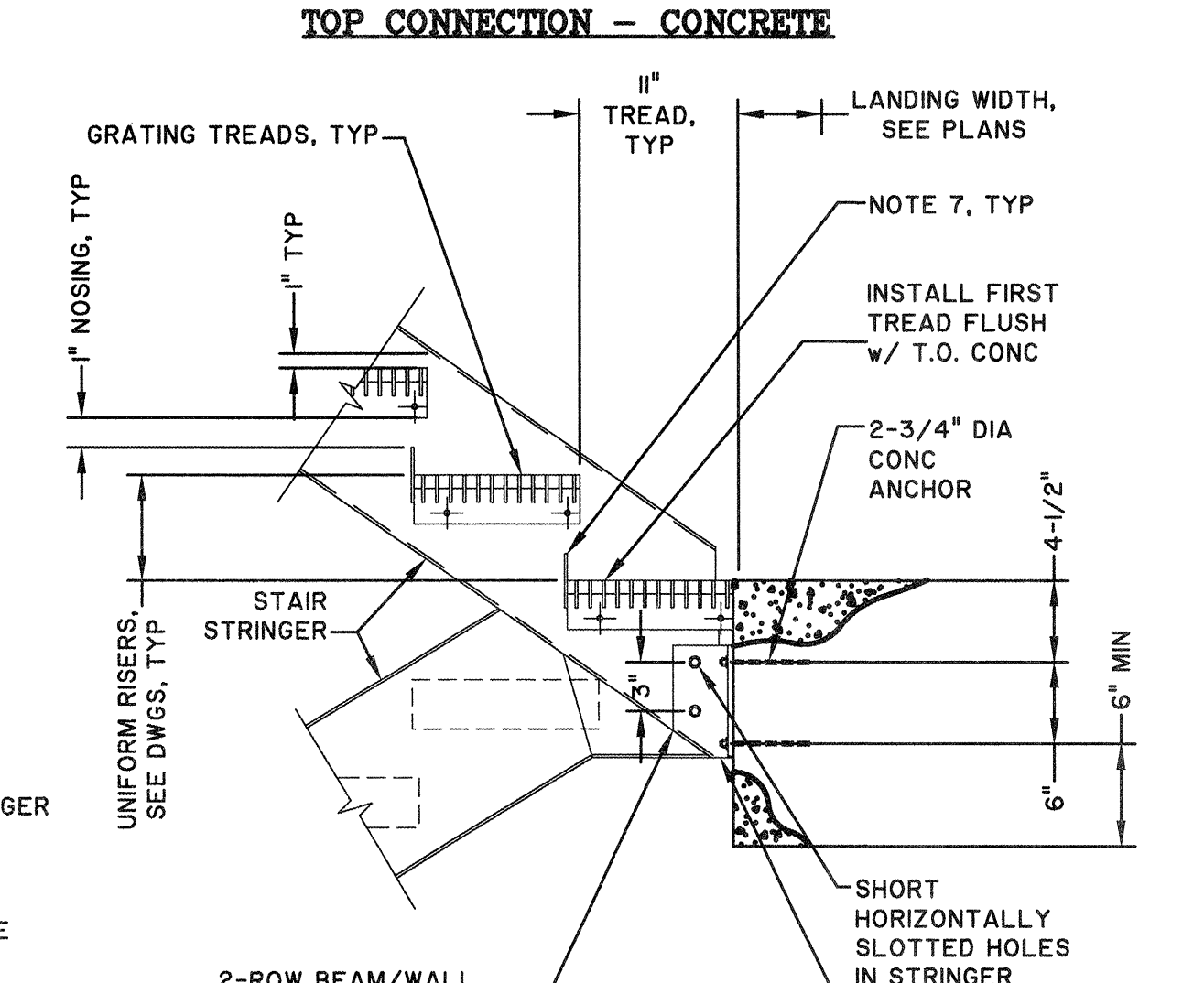
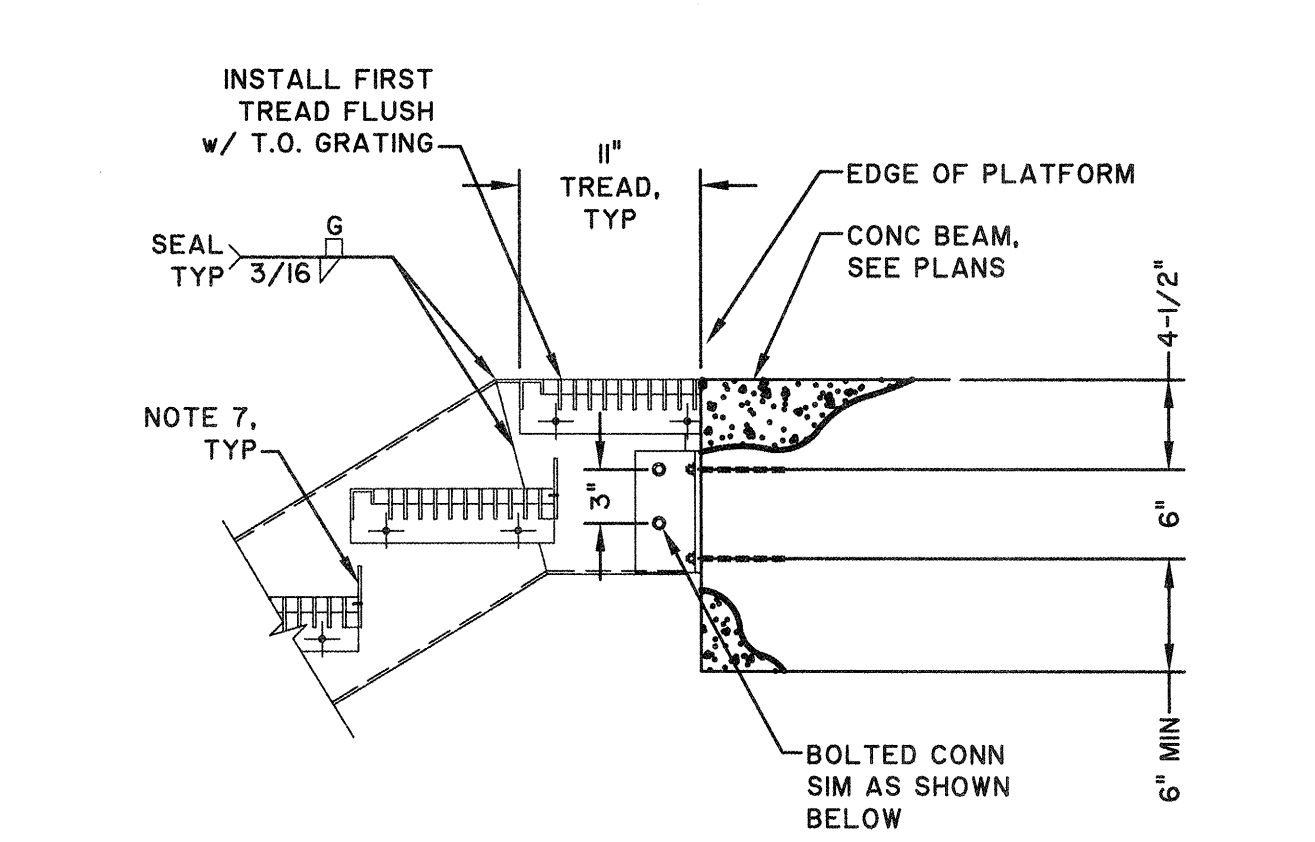
**S-STAR-02
 STAIR DETAILS -- ALUMINUM (2 OF 2)**
 SCALE: N.T.S.



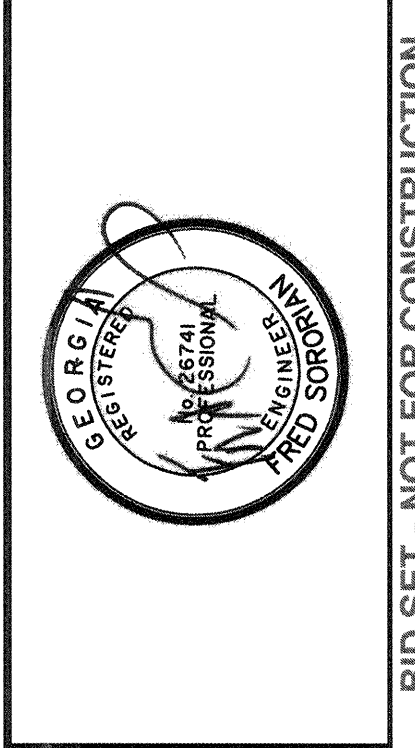
**S-STAR-01
 STAIR DETAILS -- ALUMINUM (1 OF 2)**
 SCALE: N.T.S.



**S-STAR-02
 STAIR DETAILS -- ALUMINUM (2 OF 2)**
 SCALE: N.T.S.



**S-STAR-02
 STAIR DETAILS -- ALUMINUM (2 OF 2)**
 SCALE: N.T.S.



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ARCHITECTURAL NOTES AND DETAILS

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DESIGNED:	CDR
REVIEWED:	AL
APPROVED:	FS
SCALE:	1" = 1'

A5.5

BID SET - NOT FOR CONSTRUCTION