



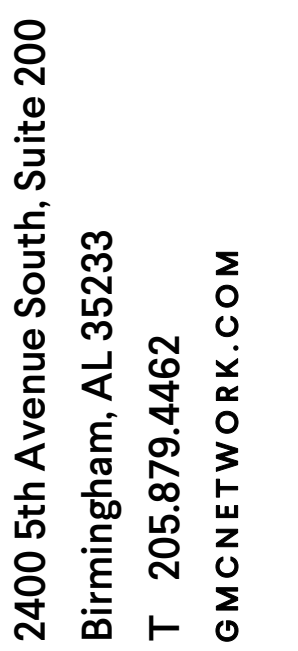
HOUSTON COUNTY PUBLIC BUILDING AUTHORITY

ARCHITECTURE, INTERIORS, CIVIL, LANDSCAPE

STRUCTURAL ENGINEERING

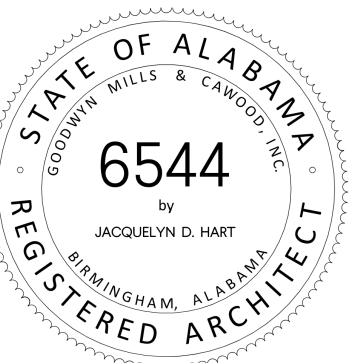
MECHANICAL & PLUMBING ENGINEERING

ELECTRICAL ENGINEERING



ISSUE	DATE
ISSUE FOR BID	08/20/2026
DRAWN BY:	SC
CHECKED BY:	JH

GMC # ABHM250019



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sheet of

5.0 MECHANICAL		
M0.01	SCHEDULES AND LEGEND - HVAC	08/20/2026
M0.02	SCHEDULES - HVAC	08/20/2026
M0.03	OSA SCHEDULES - HVAC	08/20/2026
M0.04	OSA SCHEDULES - HVAC	08/20/2026
M0.05	OSA SCHEDULES - HVAC	08/20/2026
M1.00	OVERALL FLOOR PLAN LEVEL 1 - HVAC DUCTWORK	08/20/2026
M1.01	PARTIAL FLOOR PLAN A LEVEL 1 - HVAC DUCTWORK	08/20/2026
M1.02	PARTIAL FLOOR PLAN B LEVEL 1 - HVAC DUCTWORK	08/20/2026
M2.00	OVERALL FLOOR PLAN LEVEL 1 - HVAC PIPING	08/20/2026
M2.01	PARTIAL FLOOR PLAN A LEVEL 1 - HVAC PIPING	08/20/2026
M2.02	PARTIAL FLOOR PLAN B LEVEL 1 - HVAC PIPING	08/20/2026
M3.00	OVERALL ROOF PLAN - HVAC	08/20/2026
M4.01	ENLARGED FLOOR PLANS - HVAC	08/20/2026
M6.01	DETAILS - HVAC	08/20/2026
M6.02	DETAILS - HVAC	08/20/2026
M7.01	CONTROLS - HVAC	08/20/2026
M7.02	CONTROLS - HVAC	08/20/2026

7.0 ELECTRICAL		
E.O.01	SITE ELECTRICAL PLAN	08/20/2026
E.I.01	LIGHTING PLAN	08/20/2026
E.I.02	POWER PLAN	08/20/2026
E.I.03	MECHANICAL PLAN	08/20/2026
E.I.04	AUXILIARY PLAN	08/20/2026
E.I.05	SECURITY PLAN	08/20/2026
E.I.06	LARGE SCALE ELECTRICAL PLANS	08/20/2026
E2.01	PANELBOARD SCHEDULES	08/20/2026
E2.02	PANELBOARD SCHEDULES	08/20/2026
E3.01	ELECTRICAL DETAILS	08/20/2026
E3.02	ELECTRICAL DETAILS & RISER DIAGRAMS	08/20/2026
E4.01	LEGEND, NOTES & SCHEDULES	08/20/2026



INDEX OF DRAWINGS		HOUSTON COUNTY DHR	
G1.01	sheet _____ of _____	172 Prevatt Rd	
		Dothan, Alabama 36301	
		GMC # ABHM250019	

		ISSUE	DATE
		ISSUE FOR BID	08/20/2026
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		_____	_____
		_____	_____
		2400 5th Avenue South, Suite 200	
		Birmingham, AL 35233	
		T 205.879.4462	
		GMCNETWORK.COM	

_____		DRAWN BY:	SC
		CHECKED BY:	JH

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ANNOTATION SYMBOLS			
<div>ROOM NAME</div> <div>101</div>	<div>ROOM REFERENCE SYMBOL</div>	<div>FF#:</div> <div>BY OTHERS</div>	
<div>②</div>	<div>COLUMN LINES:</div> <div>CONSECUTIVE NUMBERS ARE</div> <div>USED FOR COLUMN LINES</div> <div>RUNNING NORTH & SOUTH</div>	<div>REVISION SYMBOL:</div> <div>USED TO INDICATE SCOPE OF</div> <div>CURRENT REVISION</div>	
<div>+</div> <div>(A)</div>	<div>CONSECUTIVE LETTERS ARE</div> <div>USED FOR COLUMN LINES</div> <div>RUNNING EAST & WEST</div>	<div>DOOR SYMBOL:</div> <div>DOOR NUMBER 101</div> <div>DOOR TYPE A</div> <div>(SEE DOOR SCHEDULE</div> <div>AND FLOOR PLANS)</div>	
<div>—</div> <div>(2)</div>	<div>FACE OF MASONRY</div> <div>OR FACE OF GIRDER</div>		
<div>677.52</div>	<div>ELEVATION MARK SYMBOL:</div> <div>677.52 - ELEVATION (FT)</div>	<div>WINDOW SYMBOL:</div> <div>WINDOW TYPE A</div> <div>(SEE EXTERIOR ELEVATIONS</div> <div>AND WINDOW SCHEDULE)</div>	
<div>A1.01</div>	<div>EXTERIOR ELEVATION SYMBOL:</div> <div>ELEVATION 1 ON SHEET A1.01</div>	<div>LOUVER SYMBOL:</div> <div>LOUVER TYPE L1</div> <div>(SEE LOUVER SCHEDULE)</div>	
<div>3</div> <div>A1.01</div>	<div>INTERIOR ELEVATION SYMBOL:</div> <div>INTERIOR ELEVATION 3</div> <div>ON SHEET A1.01</div>	<div>WALL SYMBOL:</div> <div>WALL TYPE OG</div> <div>(SEE PARTITION LEGEND)</div>	
			<div>SPECIALTY EQUIPMENT TAG:</div> <div>SEE SPECIALTY EQUIPMENT</div> <div>SCHEDULE</div>
			<div>PLAN KEYNOTE TAG:</div> <div>NOTE NUMBER A</div> <div>SEE PLAN KEYNOTE SCHEDULE</div>
			<div>BUILDING SECTION SYMBOL:</div> <div>SECTION 1 ON SHEET A1.01</div>
			<div>WALL SECTION SYMBOL:</div> <div>SECTION 1 ON SHEET A1.01</div>
			<div>ENLARGED DETAIL SYMBOL:</div> <div>DETAIL 1 ON SHEET A1.01</div>
			<div>CDS#</div> <div>CASEWORK TAG</div>
			<div>HEIGHT #</div> <div>DEPTH #</div> <div>WIDTH #</div>
			<div>NORTH ARROW:</div> <div>ARCHITECTURAL ORIENTATION</div>
			<div>PLAN</div> <div>NORTH</div>
			<div>TRUE</div> <div>NORTH</div>
			<div>CIVIL ORIENTATION</div>

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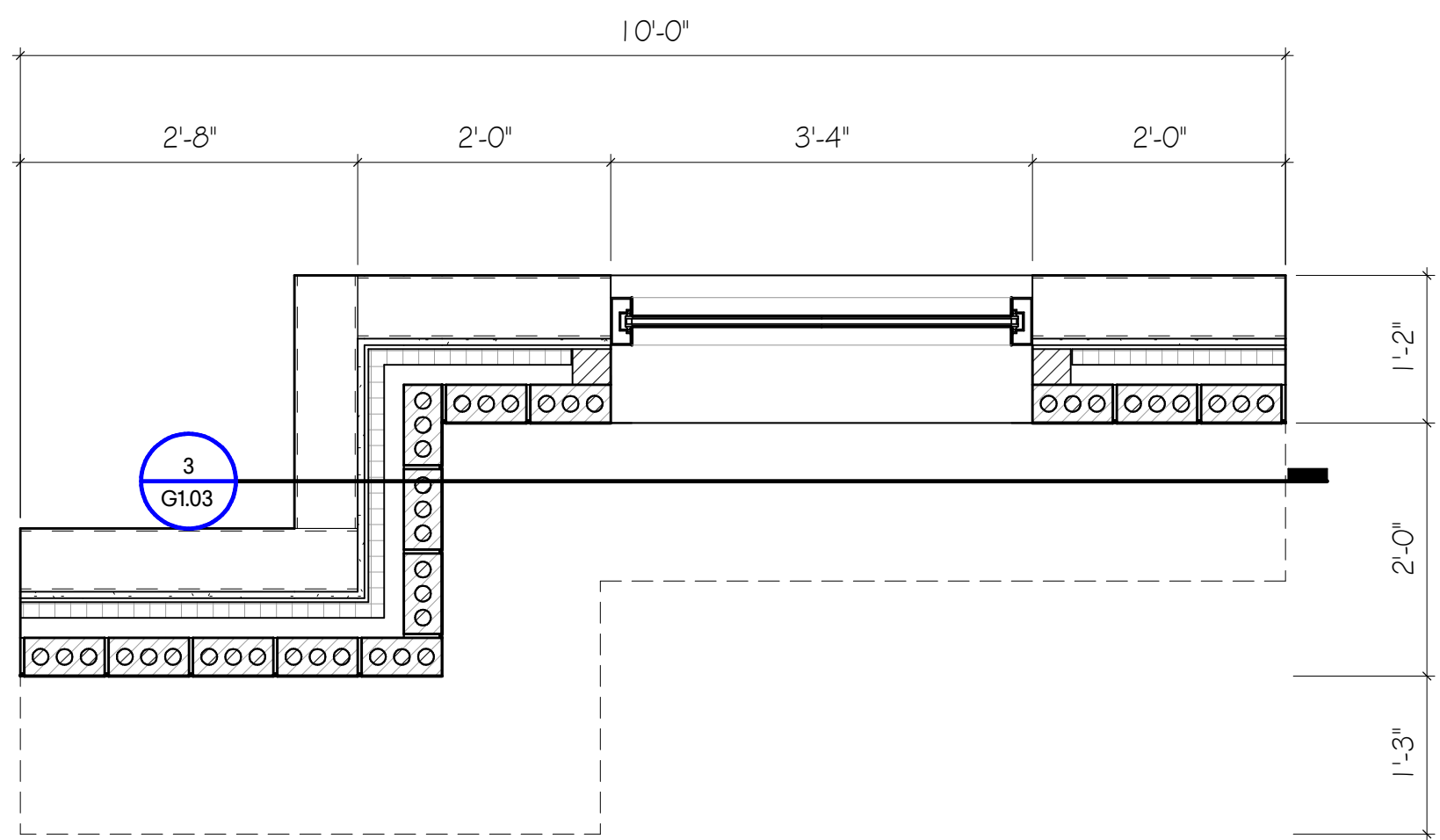
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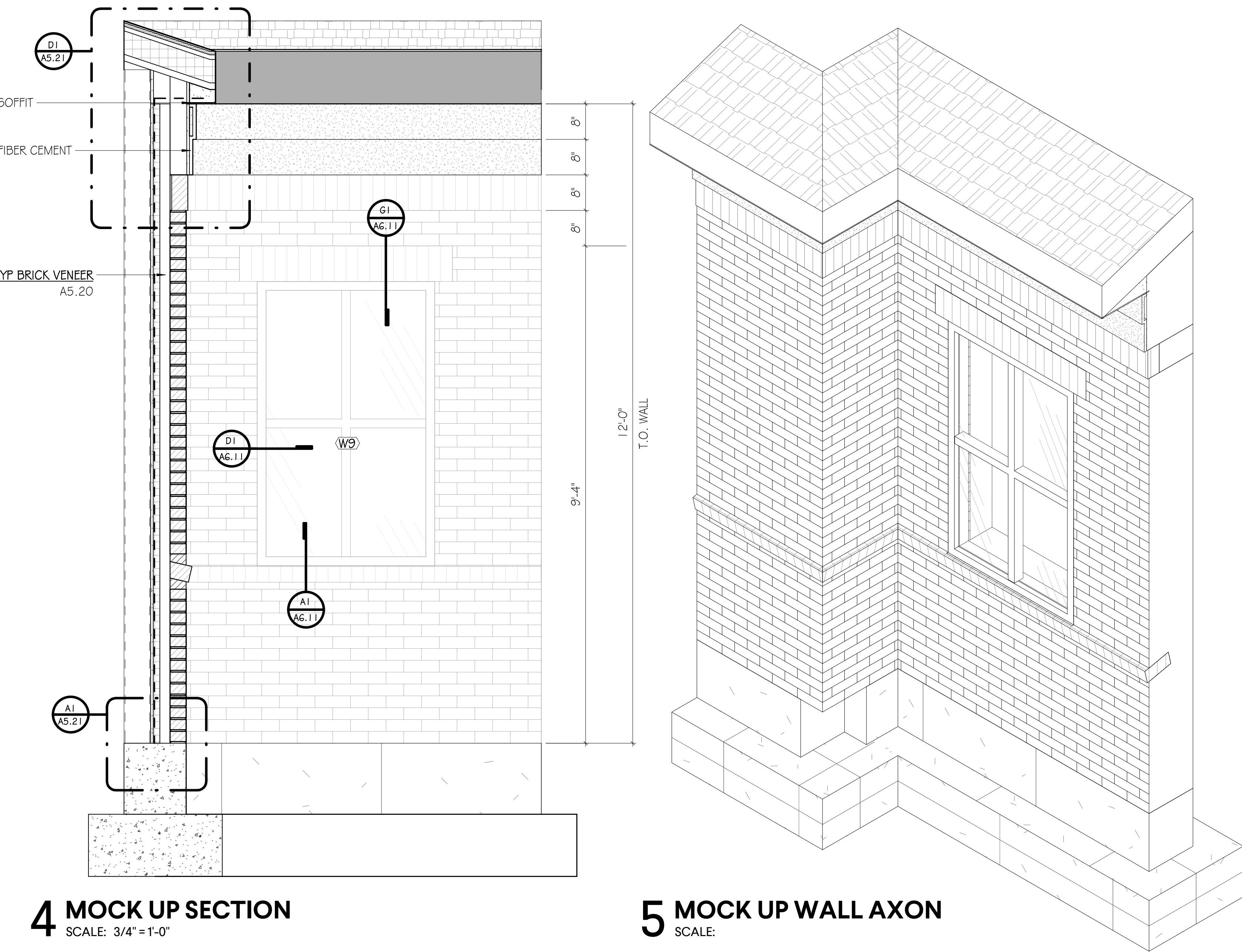
ABBREVIATIONS			
ACC ACI ACT ADD AFF ALT ALUM APPROX ARCH ADJ	ACCESSIBLE AMERICAN CONCRETE INSTITUTE ACOUSTICAL CEILING TILE ADDENDUM ABOVE FINISH FLOOR ALTERNATE ALUMINUM APPROXIMATE ARCHITECT (URAL) ADJACENT	EA EF EIFS EJ ELEV ELEC ENGR EOP EOS EQ EW EWC EXH EXIST EXP EXPAN EXT	EACH EACH FACE EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ELEVATION / ELEVATOR ELECTRIC (ALL) ENGINEER EDGE OF PAVEMENT EDGE OF SLAB EQUAL EACH WAY ELECTRIC WATER COOLER EXHAUST EXISTING EXPOSED EXPANSION EXTERIOR
B/B BC BD BLDG BLKG BM BOT BRG BSMT BUR BOW BW	BACK-TO-BACK BASE OF CURB BOARD BUILDING BLOCKING BENCHMARK BOTTOM BEARING BASEMENT BUILT-UP ROOF BOTTOM OF WALL BETWEEN	FBO FD FEC FFE FFW FHC F/F FL FLG FND	FURNISHED BY OTHERS FLOOR DRAIN FIRE EXTINGUISHER & CABINET FINISH FLOOR ELEVATION FINISH FACE OF WALL FIRE HOSE & CABINET FACE TO FACE FLOOR FLANGE FOUNDATION
CAB CB C/C CD CF CFCI	CABINET CATCH BASIN CENTER TO CENTER CORE DECK CUBIC FOOT CONTRACTOR FURNISHED, CONTRACTOR INSTALLED	FO FOB FOC FOF FOM FOS FR FRT FT FTG	FACE OF FACE OF BRICK FACE OF CONCRETE FACE OF FINISH FACE OF MASONRY FACE OF STUD FRAME (ED), (ING) FIRE RETARDANT TREATED FOOT/FEET FOOTING
CI CIP CJ CLG CLO CLR CMP CMU CO COL CONC CONN CONST CONT COORD CPT CSMU CT CW	CAST IRON CAST IRON PIPE CONSTRUCTION OR CONTROL JOINT CEILING CLOSET CLEAR (ANCE) CORRUGATED METAL PIPE CONCRETE MASONRY UNIT CLEAN OUT COLUMN CONCRETE CONNECTION CONSTRUCTION CONTINUOUS OR CONTINUE COORDINATE CARPET (ED) CALCIUM SILICATE MASONRY UNIT CERAMIC TILE CURTAIN WALL	GA GALV GB GHM GI GWB GYP	GAUGE GALVANIZED GRAB BAR GALVANIZED HOLLOW METAL GALVANIZED IRON GYPSUM WALL BOARD GYPSUM
D DBL DEM DET DH DIA DIAG DIM DL DS DWG DF	DRYER DOUBLE DEMOLISH OR DEMOLITION DETAIL DOUBLE HUNG DIAMETER DIAGONAL DIMENSION DEAD LOAD DOWNSPOUT DRAWING DRINKING FOUNTAIN	H HC HM HOD HORIZ HP HSS HT HVAC HW	HEIGHT HANDICAP HOLLOW METAL HIGHEST OPERABLE DEVICE HORIZONTAL HIGH POINT/HORSE POWER HOLLOW STRUCTURAL STEEL HEIGHT HEATING / VENTILATION / AIR CONDITIONING HARDWARE
ID IE U IN INSUL	INSIDE DIAMETER INVERT ELEVATION ISOLATION JOINT INCH / INCHES INSULATION	JAN JG JT	JANITORS CLOSET JOIST GIRDER JOINT
K KIP KJ KSI	THOUSAND 1000 # KEY JOINT 1000 # PER SQ IN	LAM LF L LAB LAV LH LL LLH LLV LP LT GA LT	LAMINATE (D) LINEAR FOOT LENGTH, ANGLE LABORATORY LAVATORY LEFT HAND LIVE LOAD LONG LEG HORIZONTAL LONG LEG VERTICAL LOW POINT LIGHT GAUGE LIGHT
REQ'D RET REV RH RJ RM RO ROW RTU	REQUIRED RETAINING REVISION (S), REVISED RIGHT HAND RECESSED JOINT ROOM ROUGH OPENING RIGHT OF WAY ROOF TOP UNIT	SC SCHD SD SECT SF SIM SPEC SQ SS SST STD STL STOR STRUCT SY	SEALED CONCRETE SCHEDULED STORM DRAIN SECTION STOREFRONT SIMILAR SPECIFICATION (S) SQUARE SOLID SURFACE STAINLESS STEEL STANDARD STEEL STORAGE STRUCTURAL SQUARE YARD
TELE TERM T&G TH THK TO TOC TOGB TOF TOJ TOS TOW TYP TZ	TELEPHONE TERMINATION TONGUE AND GROOVE THICK (NE55) THICK (NE55) TOP OF TOP OF CURB TOP OF GRAB BAR TOP OF FOOTING TOP OF JOIST TOP OF SLAB / TOP OF STEEL TOP OF WALL TYPICAL TERRAZZO	UNO VB VCT VERT VWC	UNLESS NOTED OTHERWISE VINYL BASE VINYL COMPOSITION TILE VERTICAL VINYL WALL COVERING
W WB WC WD WH WIN WP WT WW WWF W/ W/O	WASHER / WIDTH / WIDE FLANGE WOOD BASE WOOD CLOSET WOOD WATER HEATER WINDOW WORK POINT / WATERPROOFING WEIGHT WALL TO WALL WELDED WIRE FABRIC WITH WITHOUT		

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



3 MOCK UP PLAN
SCALE: 3/4" = 1'-0"

5 MOCK UP WALL AXON
SCALE:



HOUSTON COUNTY DHR

172 Prevatt Rd

Dothan, Alabama 36301

GMC # ABHM250019

GENERAL

INFORMATION &

MOCK UP WALL

G1.03

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ISSUE DATE

ISSUE FOR BID 08/20/2026

SC

JH

2400 5th Avenue South, Suite 200

Birmingham, AL 35233

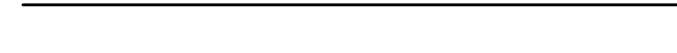
T 205.879.4462

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GMC

1				2				3				4				5				6				7				8				9				10				11				12																											
MOUNTING HEIGHT NOTES																								TYPICAL ACCESSIBLE PLUMBING DETAILS - ELEVATION																								SEE G1.12 FOR PLAN DETAILS																							
01. TYPICAL HEIGHTS: MOUNTING HEIGHTS INDICATED HEREIN ARE TYPICAL MOUNTING HEIGHTS FOR DEVICE INDICATED. MOUNTING HEIGHTS FOR SUBMITTED PRODUCTS MAY VARY BY MANUFACTURER. THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCY BETWEEN THE INDICATED MOUNTING HEIGHT AND THE MANUFACTURERS RECOMMENDED MOUNTING HEIGHT, PRIOR TO INSTALLATION OF THE DEVICE.												05. MECHANICAL/PLUMBING DEVICES: SEE MECHANICAL AND PLUMBING DRAWINGS AND SPECIFICATIONS FOR REQUIRED MOUNTING HEIGHT OF MECHANICAL AND PLUMBING DEVICES AND FIXTURES. WHERE CONFLICTS EXIST BETWEEN MOUNTING HEIGHTS INDICATED HEREIN AND THE REQUIREMENTS OF THE MECHANICAL ENGINEER, THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT PRIOR TO ROUGH-IN.												06. INSTALL ADA / ANSI COMPLIANT UNDER LAVATORY GUARDS ON ALL EXPOSED SINK PIPING.												07. CONTRACTOR MUST MAINTAIN ON THE JOB SITE A COPY OF THE CURRENT ADAAG STANDARDS AND THE IBC CHAPTER 11 ACCESSIBILITY REQUIREMENTS.												08. DIMENSIONAL DESIGNATIONS OF +/- TO HAVE +/-1/2" TOLERANCE UNLESS OTHERWISE NOTED.												09. DESIGNATION FOR FINISHED FACE OF WALL (FFW) TO BE TAKEN FROM NEAREST CONTINUOUS SURFACE IN THE PLANE OF THE WALL (I.E. FACE OF FLOOR BASE IF FACE OF BASE EXTENDS BEYOND FACE OF WALL).											
ABBREVIATIONS AND ACRONYMS																																																																							
AFF ABOVE FINISHED FLOOR												MAX MAXIMUM																																																											
BOGB BOTTOM OF GRAB BAR												MIN MINIMUM																																																											
FFE FINISHED FLOOR ELEVATION												TOGB TOP OF GRAB BAR																																																											
FFW FINISH FACE OF WALL												WC WATER CLOSET																																																											
GB GRAB BAR												W/ WITH																																																											
HOD HIGHEST OPERABLE DEVICE												W/O WITHOUT																																																											
TYPICAL TOILET LAYOUTS																																																																							
NOTES: 1. LOCATE FLUSH ACTIVATION ON WIDE SIDE AT ALL TOILETS - LOCATE FLUSH VALVE BENEATH ADJACENT GRAB BARS. 2. SANITARY NAPKIN DISPENSERS TO BE LOCATED AT ALL FEMALE, UNISEX, & FAMILY TOILETS																																																																							

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2. SANITARY NAPKIN DISPENSERS TO BE LOCATED AT ALL FEMALE, UNISEX, & FAMILY TOILETS



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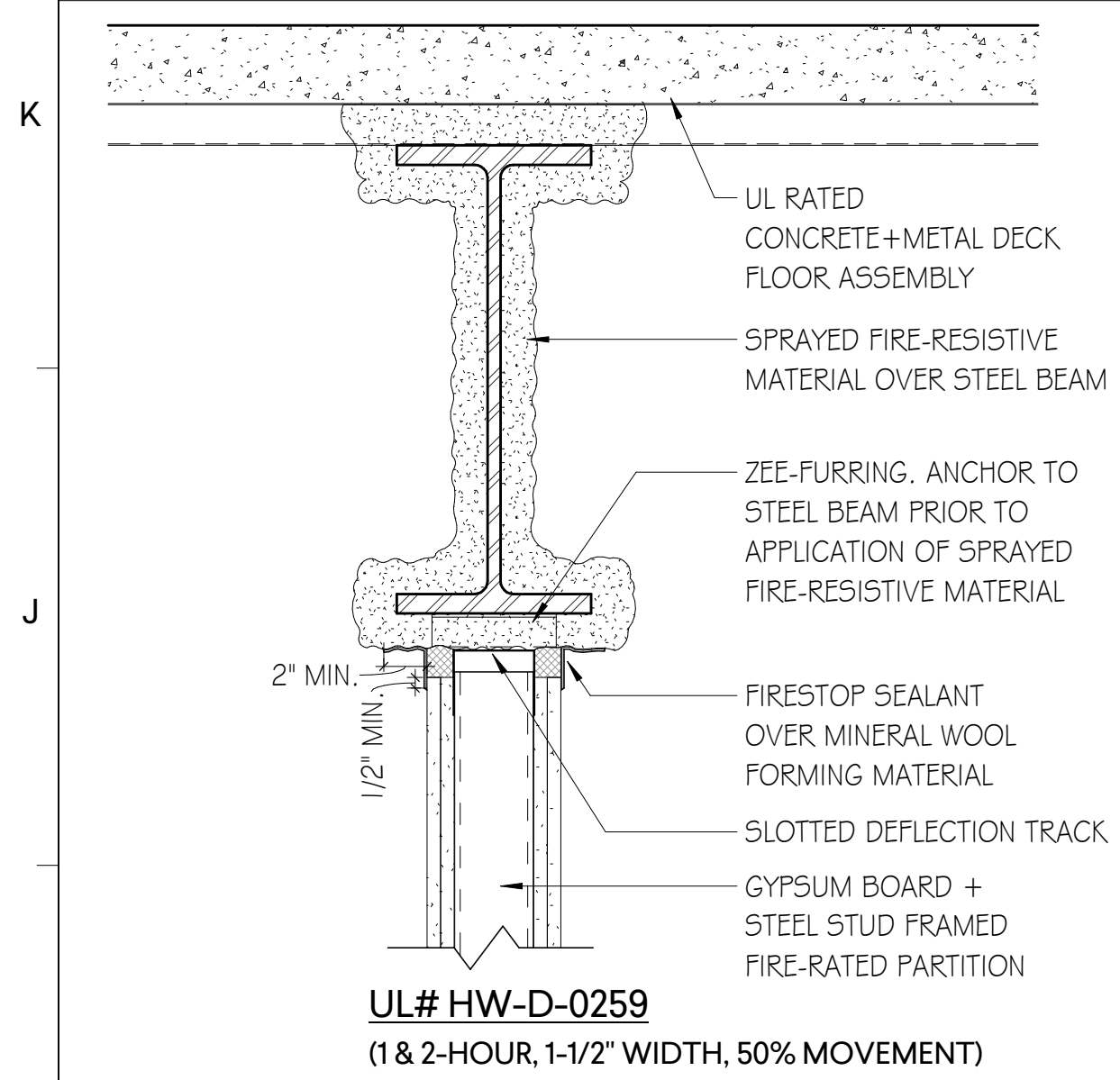
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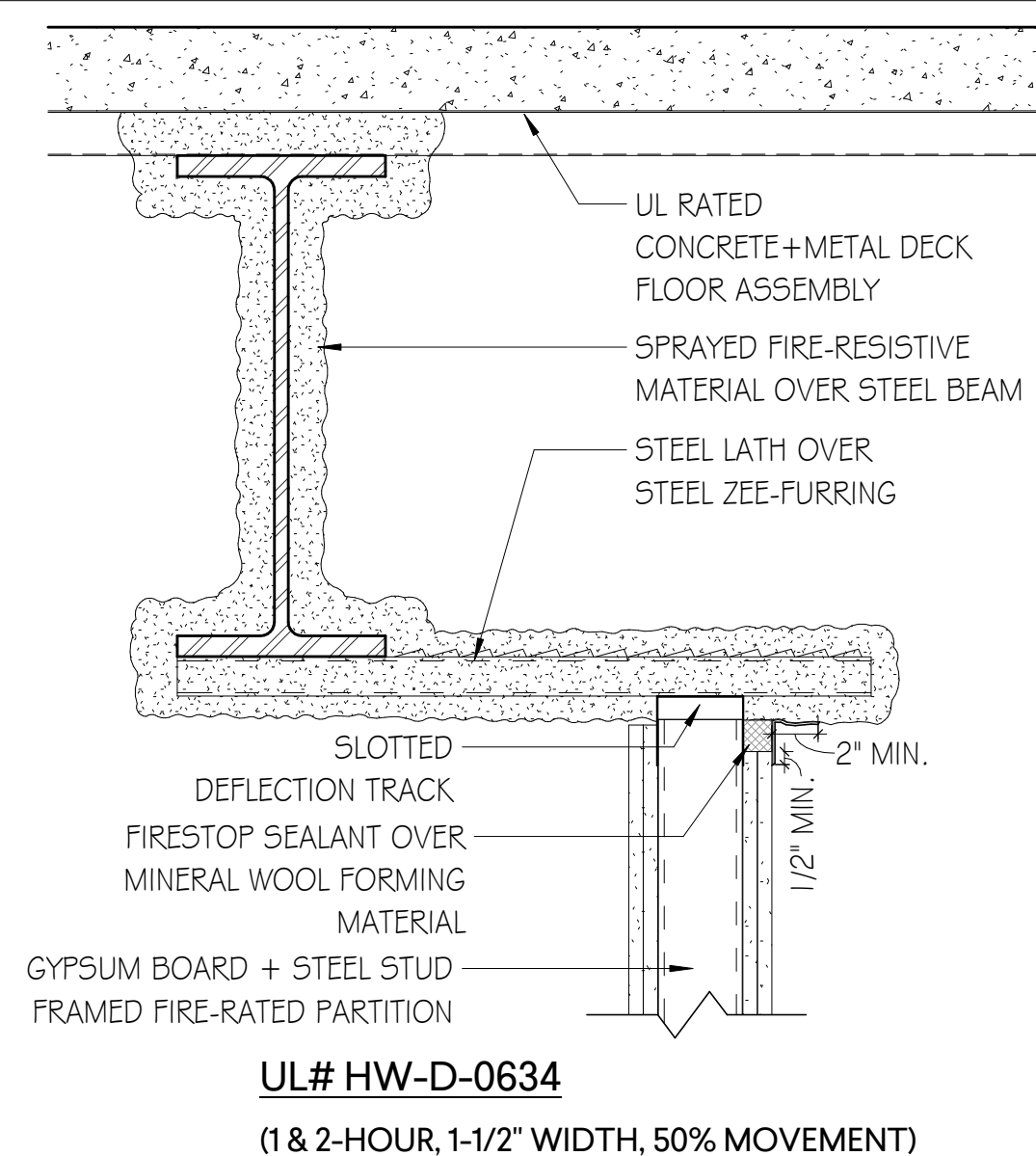
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HEAD OF WALL FIRESTOPPING

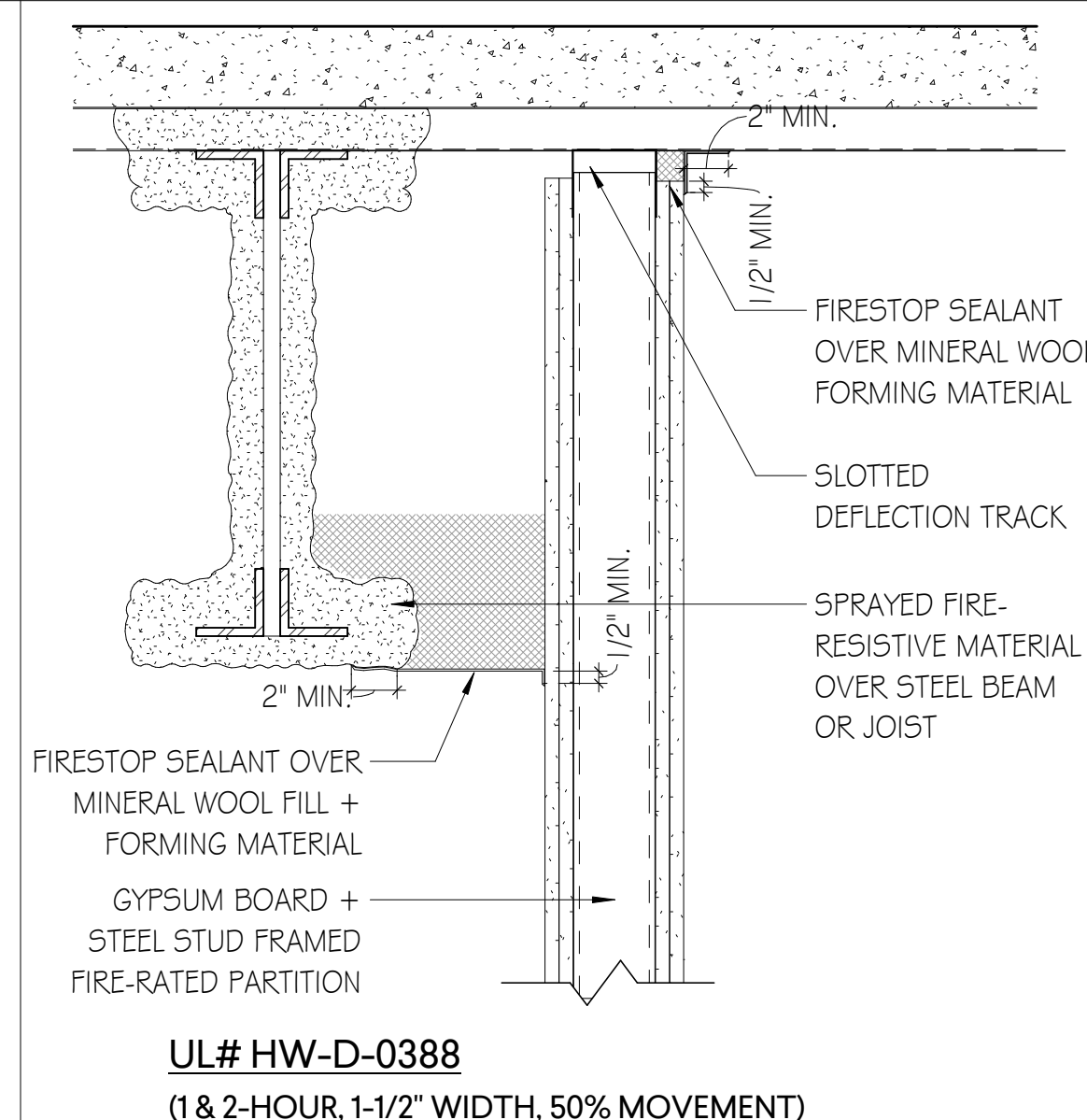


H1 WALL PARALLEL TO BEAM C/L

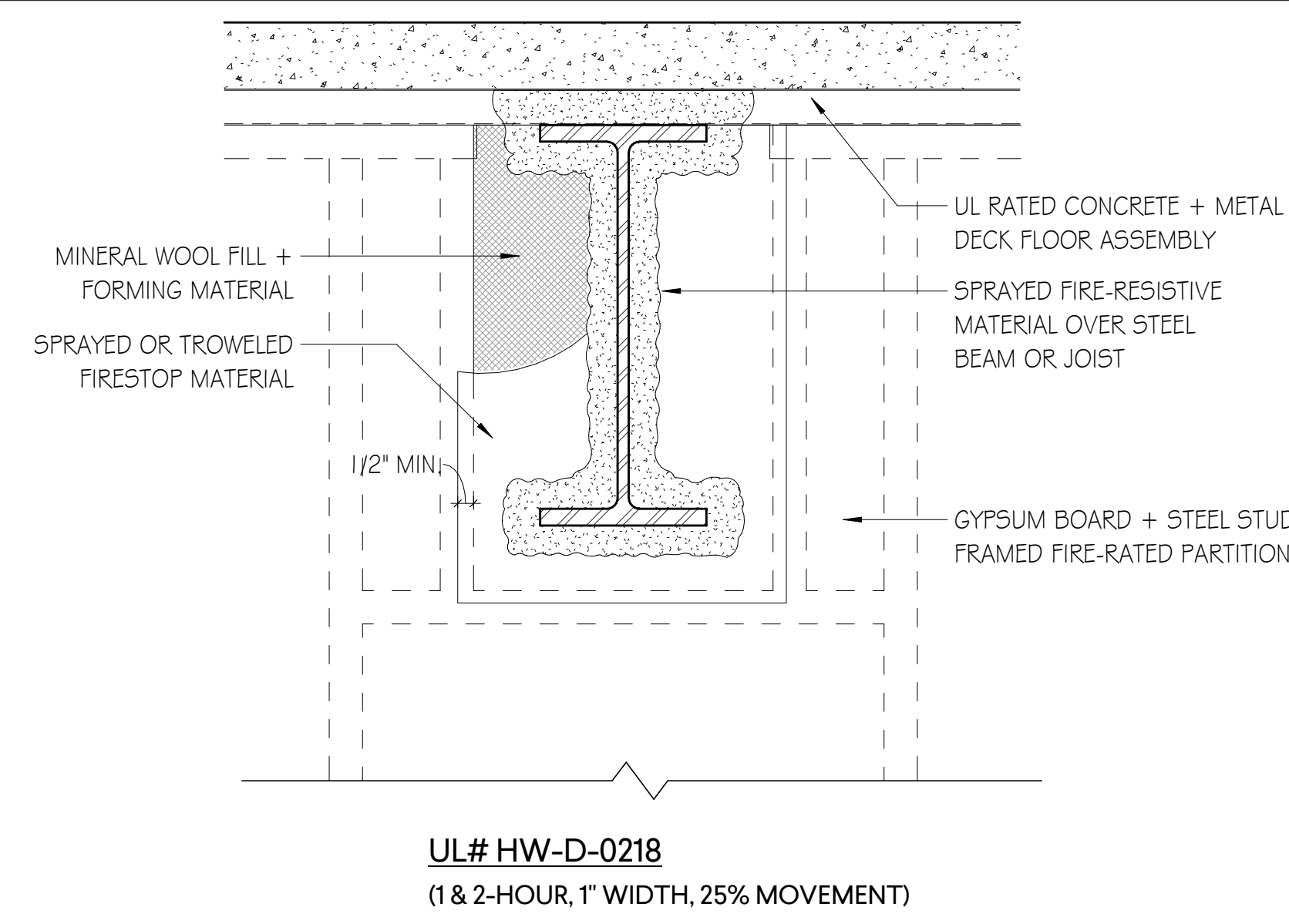
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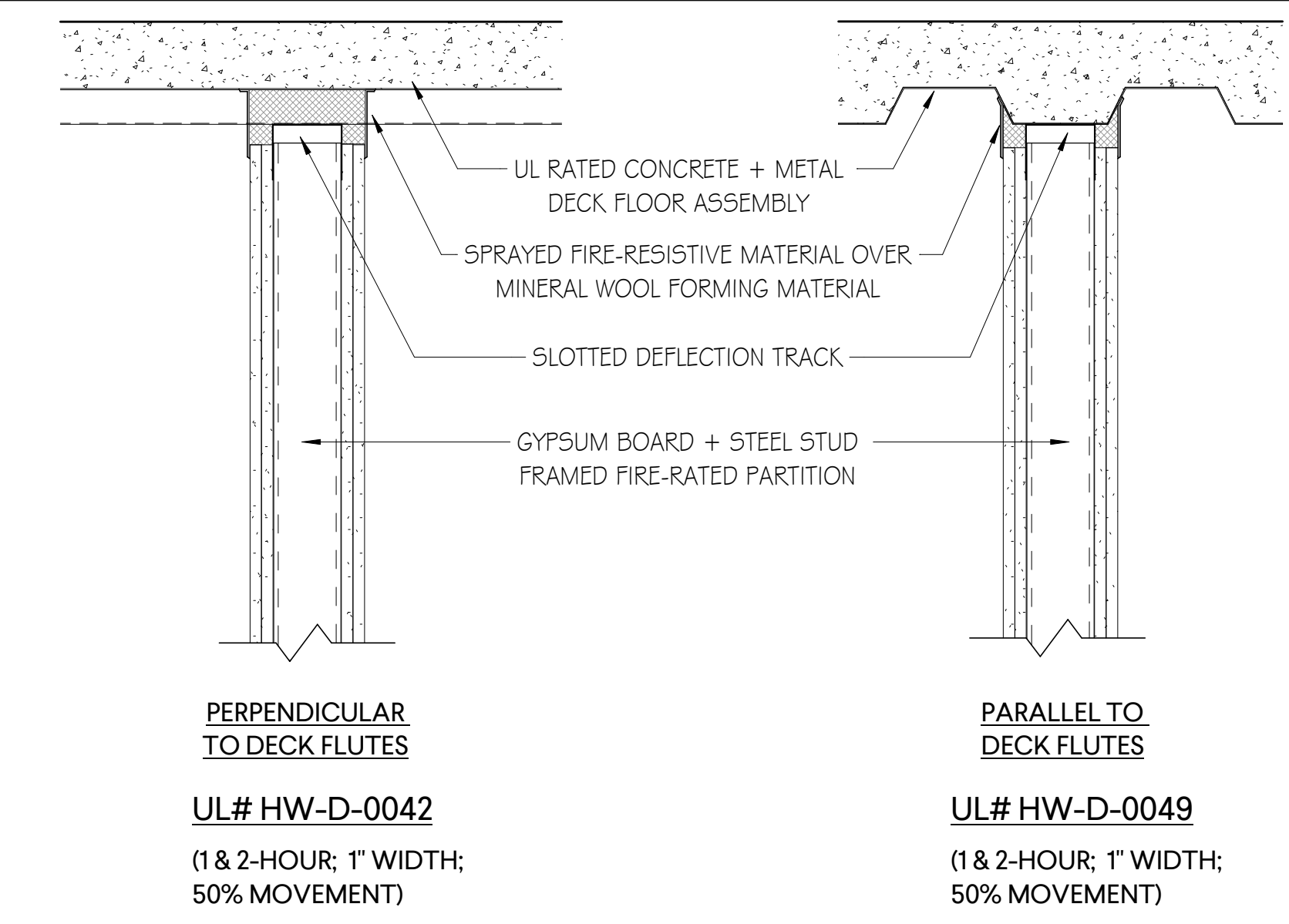
H3 WALL OFFSET @ STL BEAM



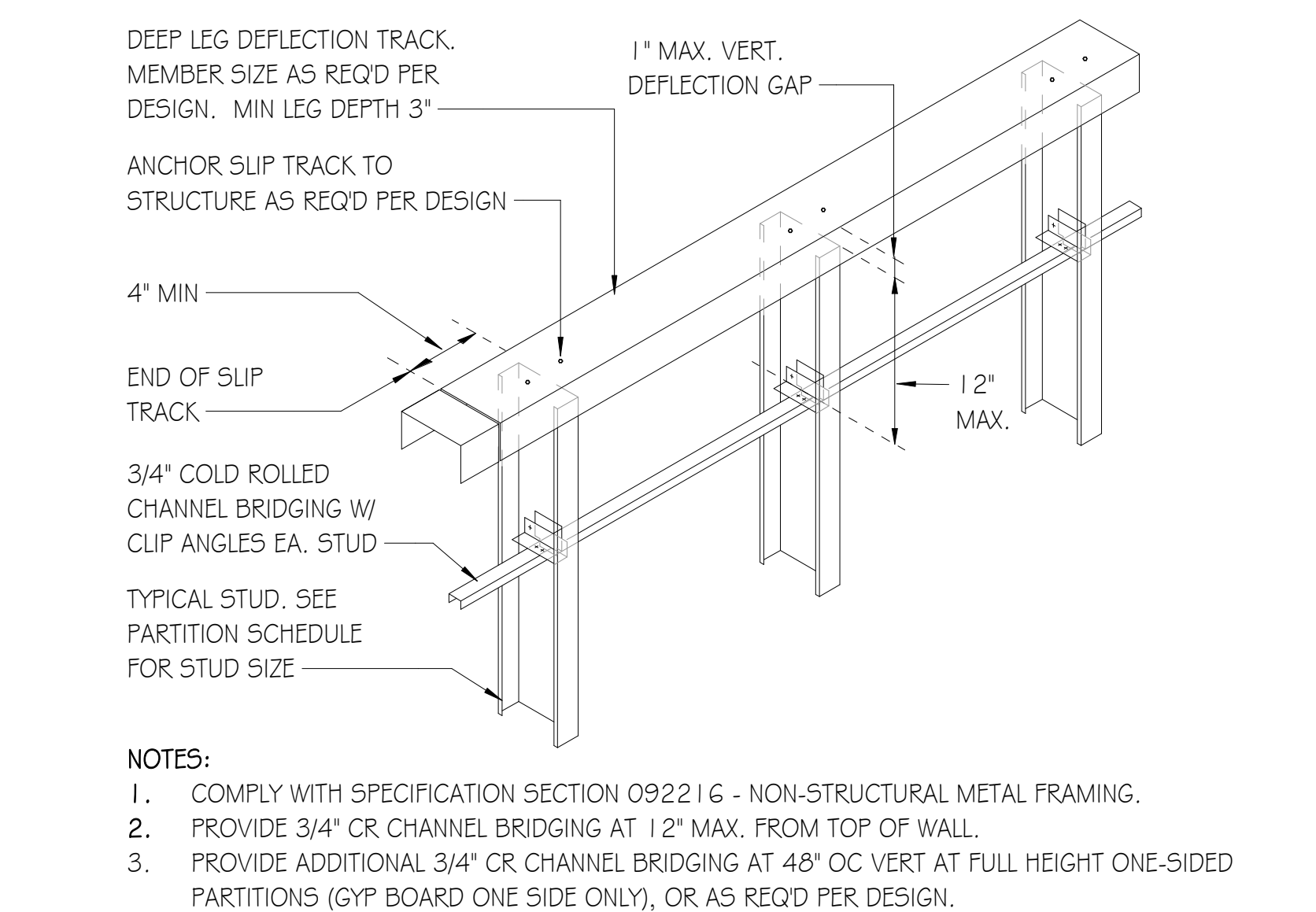
H5 WALL OFFSET @ STL STRUCT.



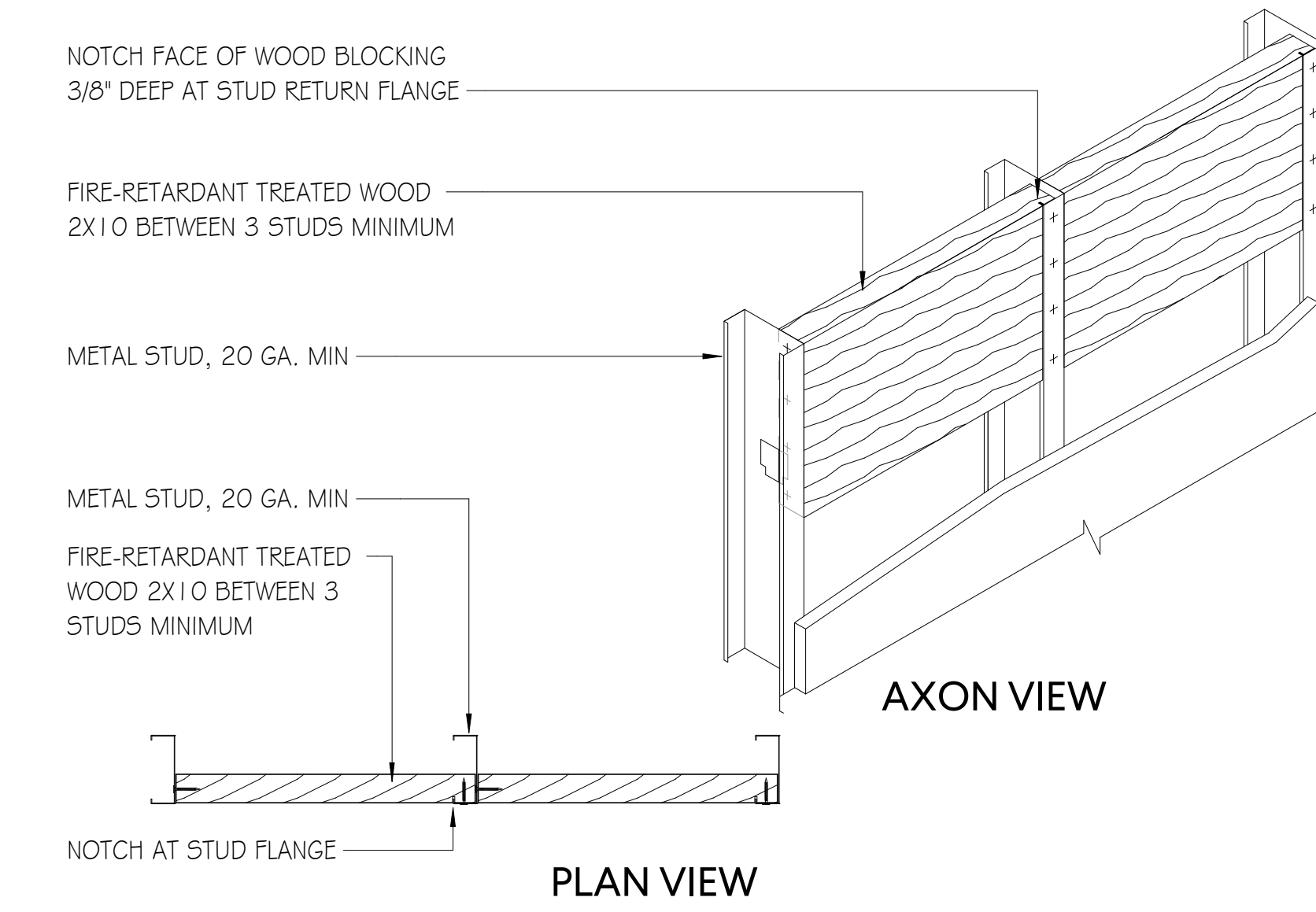
H7 WALL PERPENDICULAR TO BEAM C/L



H10 RATED PARTITION @ METAL DECK 2
SCALE: 11/2" = 1'-0"

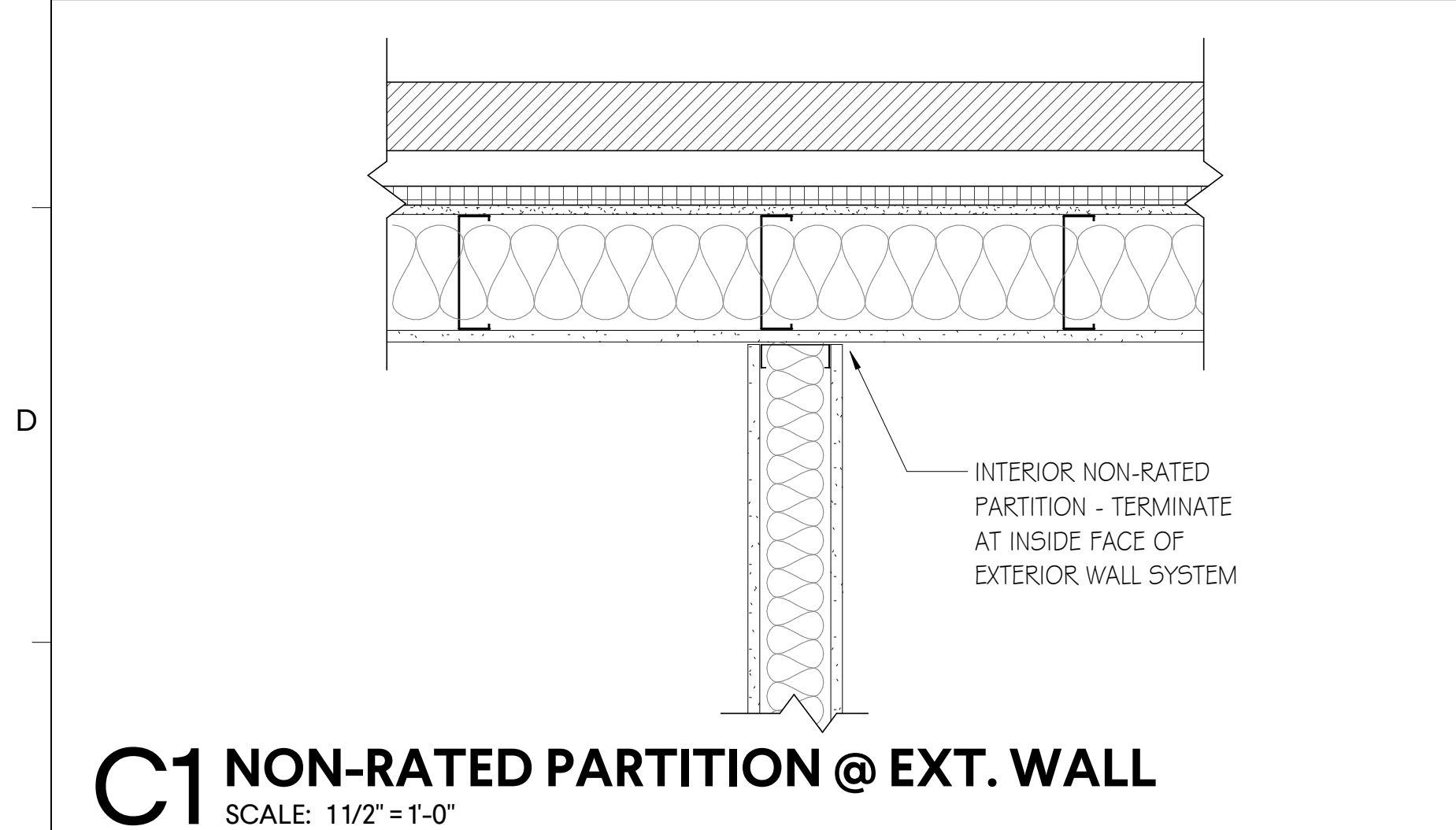


E7 SLIP TRACK DETAIL
SCALE: 1 1/2" = 1'-0"

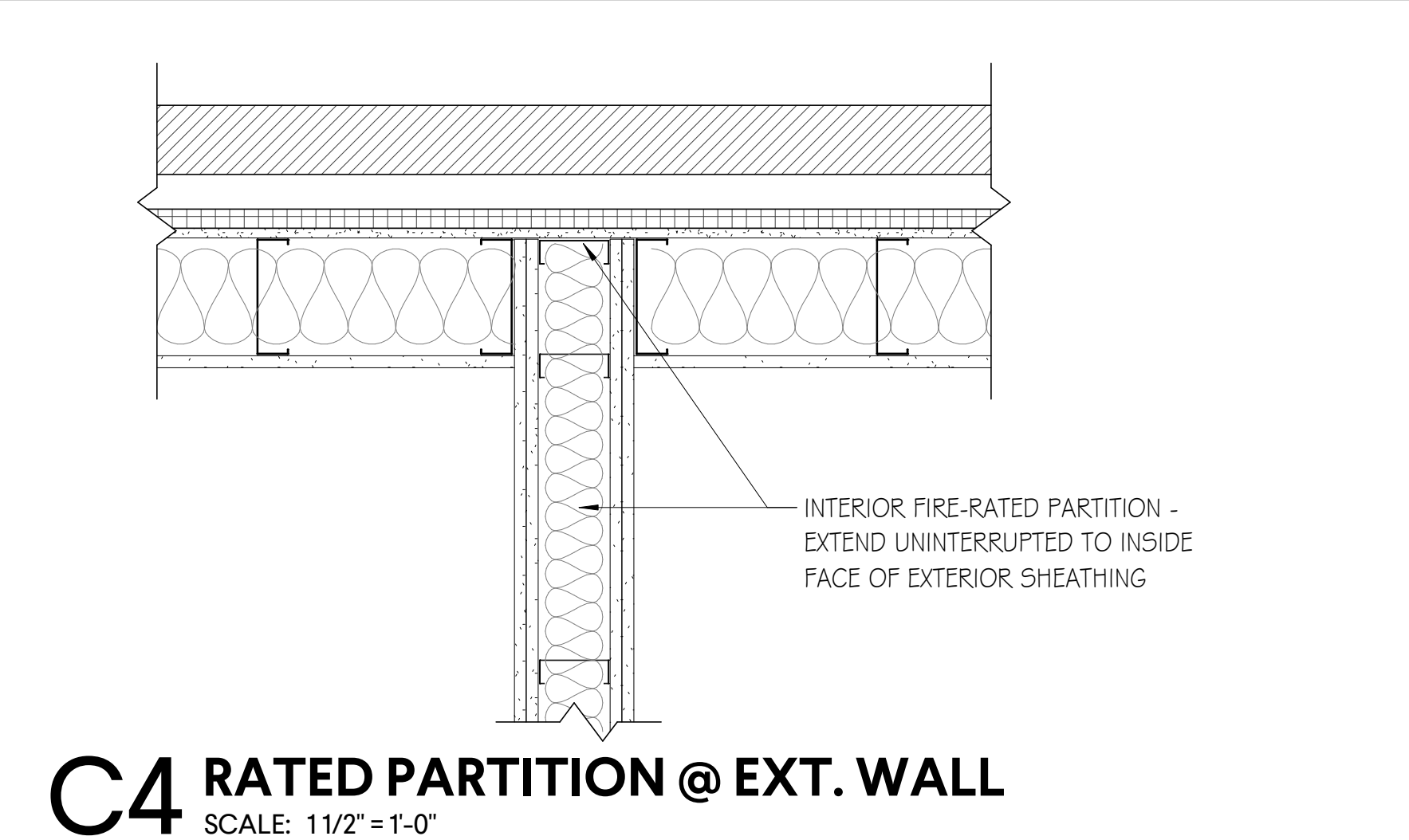


E10 BLOCKING DETAIL
SCALE: 11/2" = 1'-0"

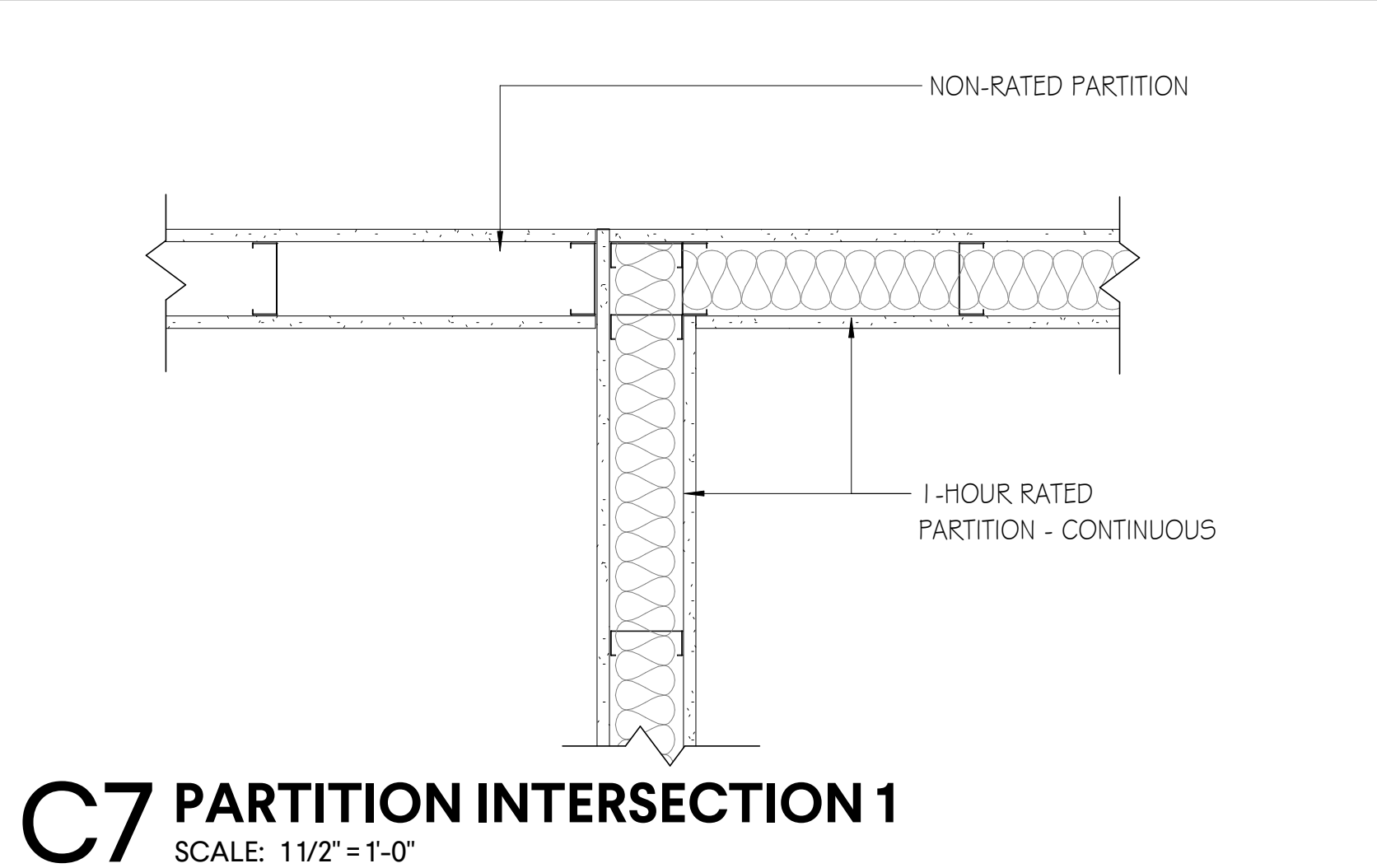
WALL PRIORITY DIAGRAMS



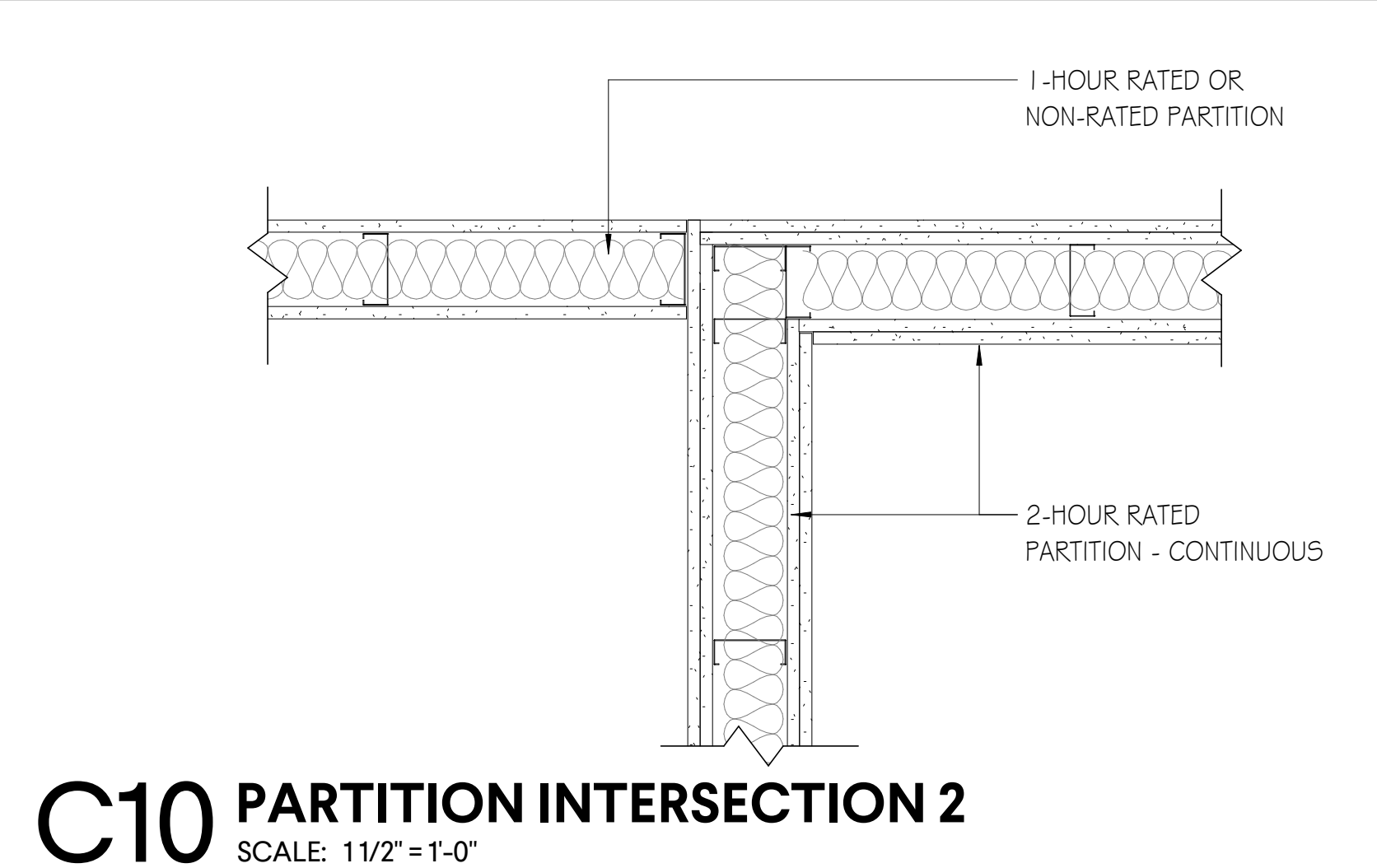
C1 NON-RATED PARTITION @ EXT. WALL
SCALE: 1 1/2" = 1'-0"



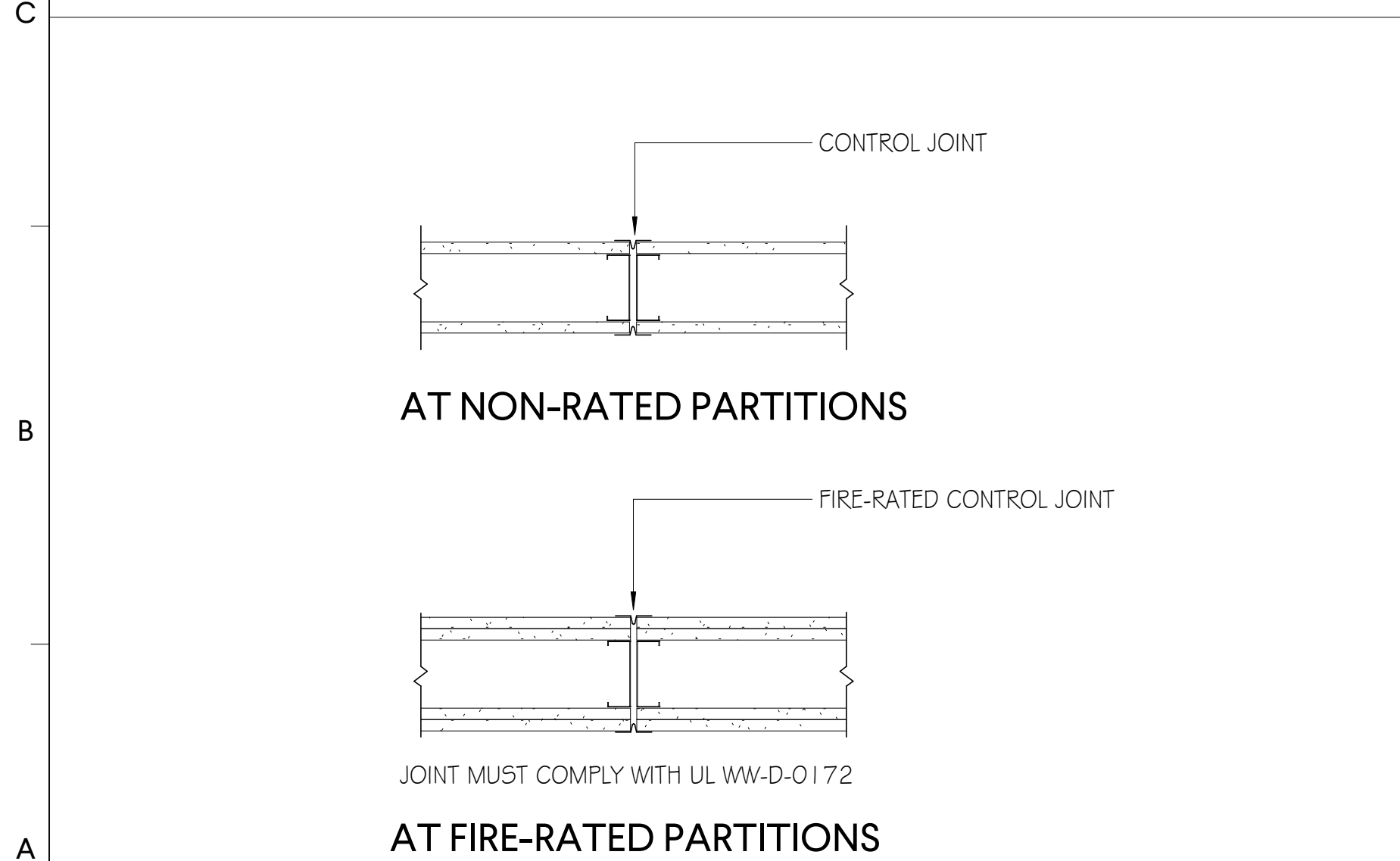
C4 RATED PARTITION @ EXT. WALL
SCALE: 11/2" = 1'-0"



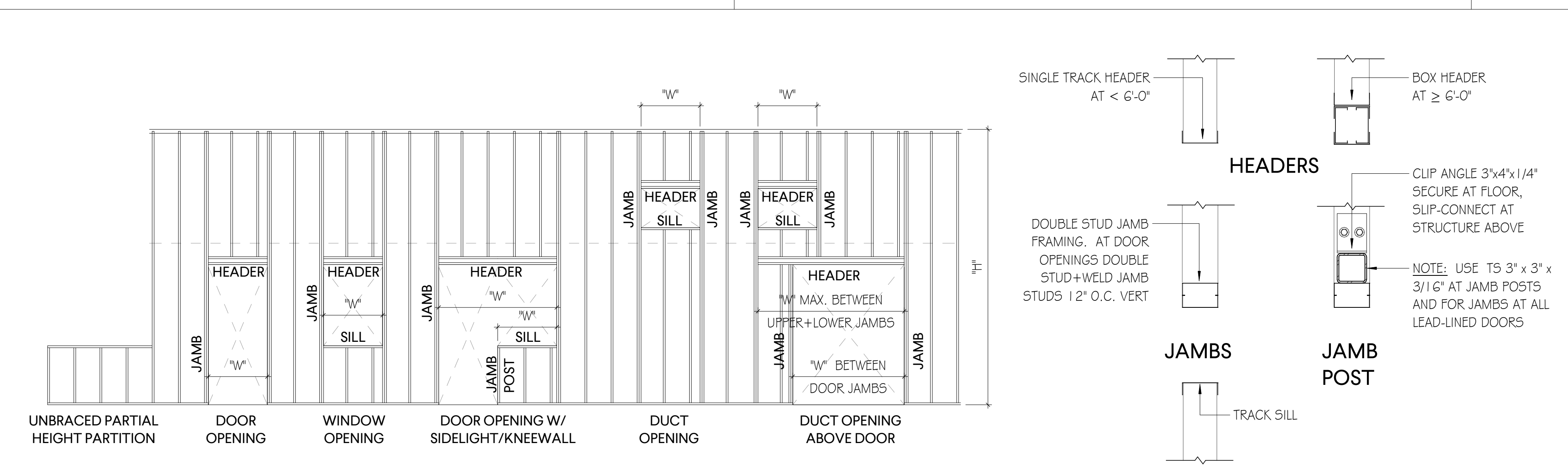
C7 PARTITION INTERSECTION 1



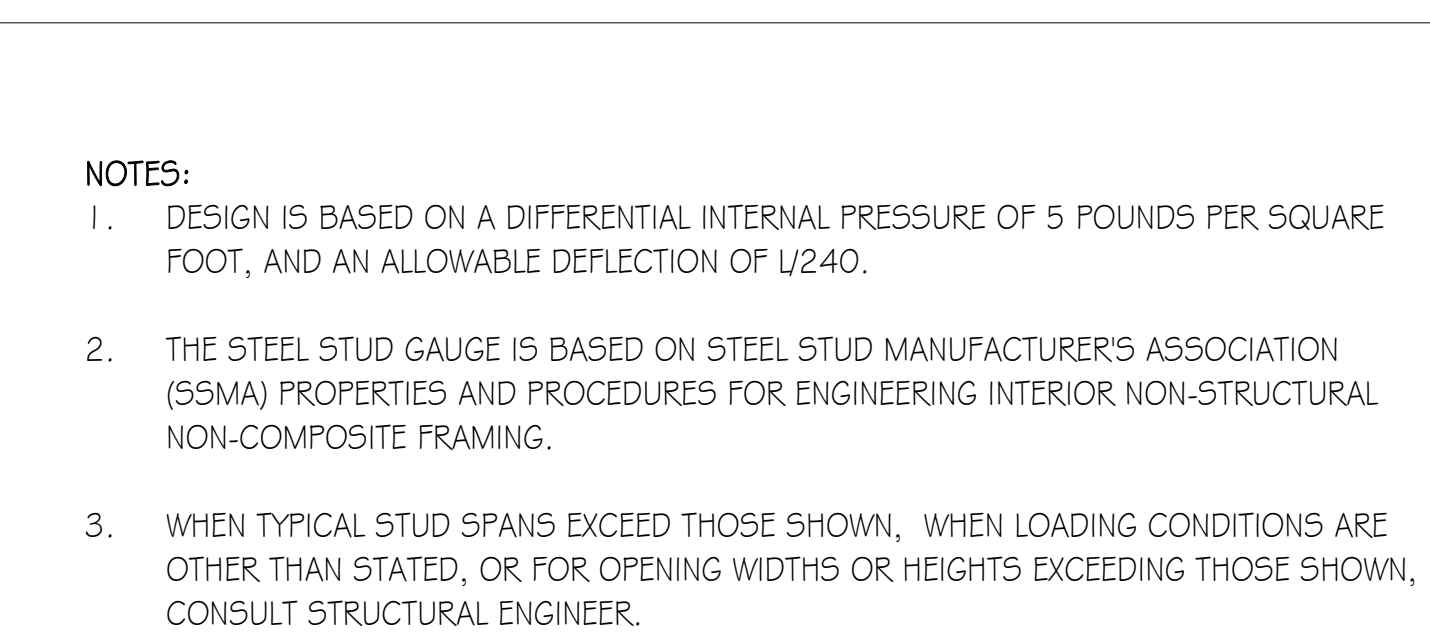
C10 PARTITION INTERSECTION 2
SCALE: 11/2" = 1'-0"



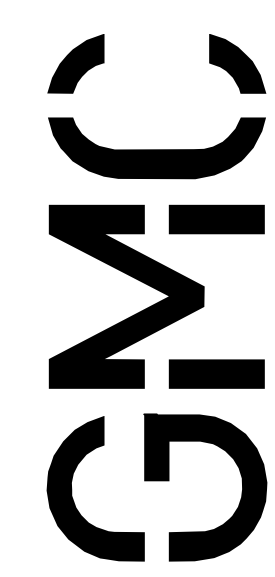
A1 CONTROL JOINT DETAILS



A4 STUD FRAMING DETAILS



STEEL STUD GAUGE FOR 3-5/8" & 6" HEADER, JAMB, AND SILL STUDS AND TRACKS								
WIDTH "W"	HEIGHT "H"							
	4' 8"	8' - 9"	9' - 10"	10' - 11"	11' - 12"	12' - 13"	13' - 14"	14' - 15"
4'	20	20	20	20	20	18	16	14
4' - 6'	20	20	20	20	18	16	14	
6' - 8'	20	20	20	18	16	14		
8' - 10'	20	20	18	16	14			
10' - 12'	18	18	16	14				

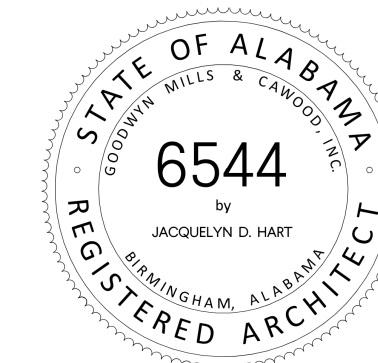


2400 5th Avenue South, Suite 200
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ISSUE	DATE
ISSUE FOR BID	08/20/2021

DRAWN BY:	SC
CHECKED BY:	JH

HOUSTON COUNTY DHR
172 Prevatt Rd
Dothan, Alabama 36301
GMC # ABHM250019



PARTITION DETAILS

G1.22

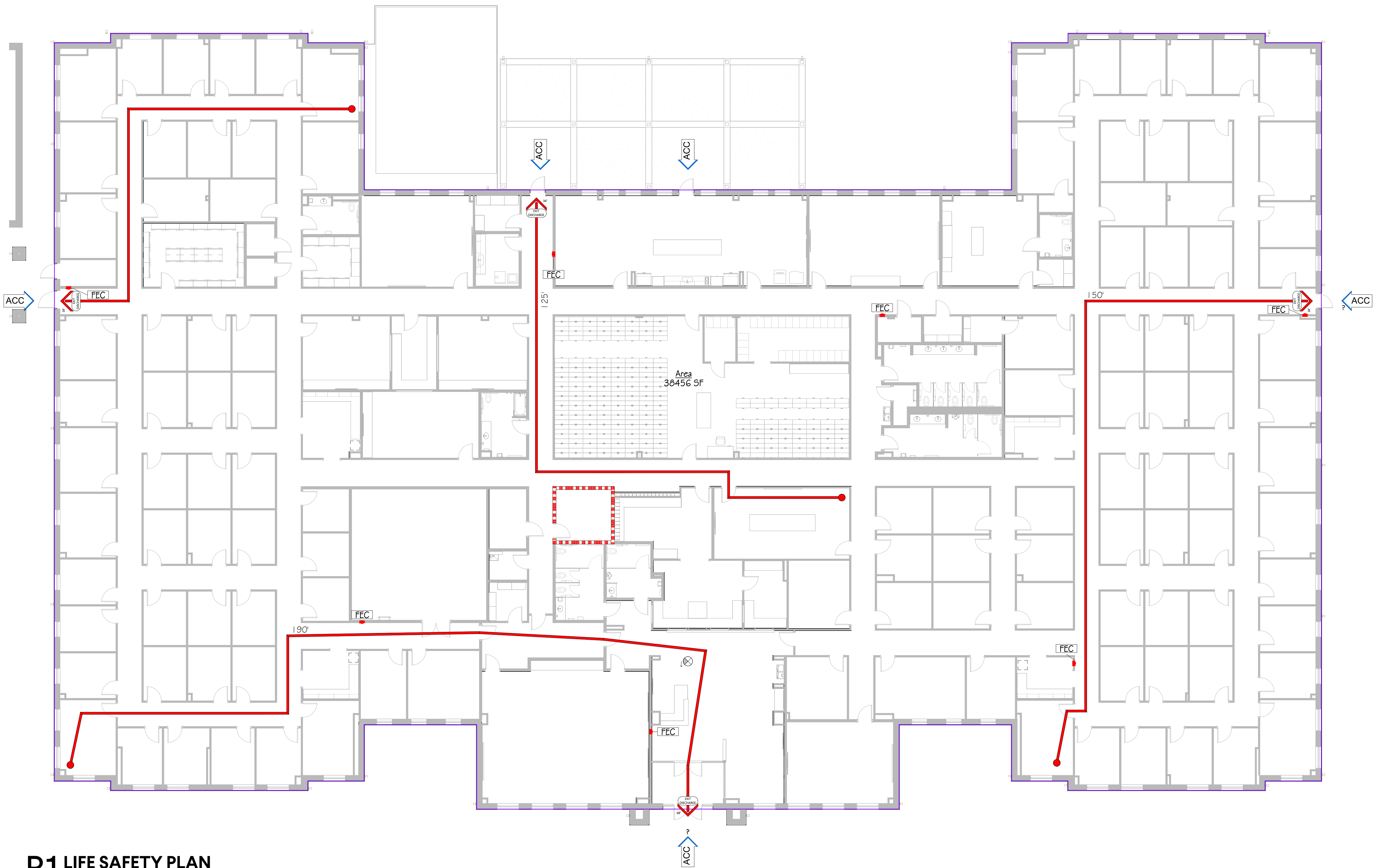
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B1 LIFE SAFETY PLAN

SCALE: 3/32"=1'-0"



PLAN LEGEND

- FE FIRE EXTINGUISHER
- FHC FIRE HOSE CONNECTION
- FEC FIRE EXTINGUISHER CABINET
- MS FIRE ALARM MANUAL PULL STATION
- FH FIRE ALARM HORN
- FS FIRE ALARM STROBE
- FHS FIRE ALARM HORN/STROBE
- FHS FIRE ALARM HORN/STROBE-CEILING MT
- FACP FIRE ALARM CONTROL PANEL
- FAAP FIRE ALARM ANNUNCIATOR PANEL
- FAP FIRE ALARM PANEL / SUBPANEL
- ILLUMINATED EXIT SIGN

- 1 - HR SMOKE BARRIER
- 1 - HR FIRE BARRIER
- 2 - HR FIRE BARRIER
- EXIT DISCHARGE W/ CLEAR EXIT WIDTH (EXIT AND EXIT ACCESS SYMBOLS SIMILAR)
- ADA ACCESSIBLE ROUTE
- DISTANCE OF TRAVEL

OVERALL BUILDING AREA

LEVEL	AREA (GROSS SQUARE FEET)
1	38,456 GSF
TOTAL	38,456 GSF

APPLICABLE CODES & REGULATIONS

2021	INTERNATIONAL BUILDING CODE (IBC)
2021	INTERNATIONAL FUEL GAS CODE (IFGC)
2021	INTERNATIONAL MECHANICAL CODE (IMC)
2021	INTERNATIONAL PLUMBING CODE (IPC)
2021	INTERNATIONAL FIRE CODE (IFC)
2020	NATIONAL ELECTRICAL CODE (NEC)
2015	INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
2013	ANSI/ASHRAE/IESNA STANDARD 90.1
2017	AMERICAN NATIONAL STANDARD ICC (ANSI) A117.1
2010	STANDARDS FOR ACCESSIBLE DESIGN

OCCUPANCY CLASSIFICATION

OCCUPANCY	PRIMARY : BUSINESS SECONDARY : N/A	IBC CH 3
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SPECIAL REQUIREMENTS

[SPECIAL REQUIREMENT NOTES PER IBC CHAPTER 4 IF APPLICABLE]

CONSTRUCTION CLASSIFICATION

CONSTRUCTION TYPE	TYPE IIB - FULLY SPRINKLERED	IBC CH 5
HEIGHT	ALLOWABLE: 75 FEET ACTUAL: 30 FEET	
# OF STORIES	ALLOWABLE: 4 STORIES ACTUAL: 1 STORY	
HEIGHT MODIFICATIONS	N/A	
AREA PER FLOOR	ALLOWABLE: 92,000 SF ACTUAL: LEVEL 1 - 38,456 SF GROSS	

FIRE RESISTANCE - STRUCT. ELEMENTS

RESISTANCE REQUIRED BY IBC TYPE TABLE 601
CONSTRUCTION TYPE : IIB

	RESISTANCE REQUIRED	RESISTANCE PROVIDED	
		RATING	ACHIEVED BY

BUILDING ELEMENT - STRUCTURAL

PRIMARY STRUCTURAL FRAME (PER CH 2 WITH RATING NOT LESS THAN CH 7)			
COLUMNS			
STRUCTURAL MEMBERS HAVING DIRECT CONNECTION TO COLUMNS - BEAMS, GIRDERS, TRUSSES, AND SPANDRELS	0 HR	N/A	N/A

BEARING WALLS			
EXTERIOR WALLS (RATING NOT LESS THAN CH 6 OR CH 7)	0 HR	N/A	N/A
INTERIOR WALLS	0 HR	N/A	N/A

NON BEARING WALLS AND PARTITIONS

EXTERIOR WALLS (BASED ON FIRE SEPARATION DISTANCE PER CH 6)	0 HR	N/A	N/A
INTERIOR WALLS (RATING NOT LESS THAN REQUIRED BY SECTIONS OTHER THAN SECTION 6)	0 HR	N/A	N/A

FLOOR CONSTRUCTION AND SECONDARY MEMBERS (PER CH 2)

FLOOR CONSTRUCTION HAVING DIRECT CONNECTIONS TO THE COLUMNS	0 HR	N/A	N/A
ROOF CONSTRUCTION HAVING DIRECT CONNECTIONS TO THE COLUMNS	0 HR	N/A	N/A

FIRE RESISTANCE - WALLS & PARTITIONS

WALLS AND PARTITIONS	IBC SECTION 700	OPENING PROTECTION	RESISTANCE PROVIDED	
			RATING	ACHIEVED BY
SHAFT ENCLOSURES				
* LESS THAN 4 STORIES	1 HR	TBD	TBD	UL #
* 4 OR MORE STORIES	N/A	N/A	N/A	UL #
FIRE WALLS	N/A	N/A	N/A	UL #
HORIZONTAL EXITS	N/A	N/A	N/A	UL #
EXIT PASSAGEWAYS	N/A	N/A	N/A	UL #
SMOKE BARRIERS	1 HR	TBD	TBD	UL #
STORM SHELTER WALLS	N/A	N/A	N/A	UL #
ACCESSORY / INCIDENTAL USE				
* FURNACE RM W/ 400,000 BTU/HR INPUT EQMT	1 HR	TBD	TBD	UL #
* BOILER RM W/ 15 PSI & 10 HP EQMT	1 HR	TBD	TBD	UL #
* WASTE & LINEN RMS > 100 SF	1 HR	TBD	TBD	UL #
* FIRE PUMP RM	1 HR	TBD	TBD	UL #

MEANS OF EGRESS

MAXIMUM ALLOWABLE	BUSINESS
TRAVEL DISTANCE TO EXIT	250 FT [EQUIPPED W/ SPRINKLER SYSTEM]
COMMON PATH OF TRAVEL	100 FT
DEAD END LENGTH	50 FT
EGRESS OCCUPANTS (DESIGN LOAD)	CALCULATION VALUES BUSINESS: 33,425/150 [gr] ACC STORMMECH: 3,890/300 [gr] ASSEMBLY: 1051/115 [net] OCCUPANCY COUNT 223 13 70 AGGREGATE OCCUPANT LOAD = 306 OCCUPANTS
EGRESS WIDTH	REQUIRED: 0.2' PER OCCUPANT X 349 OCCUPANTS = 69.8' PROVIDED: 194'

PLUMBING FIXTURE TABULATIONS

OCCUPANCY	OCCUPANT LOAD (ACTUAL)	WC			LAV			BATH/ SHOWER	DRINKING FOUNTAINS	SVC SINKS
		M	F	USX	M	F	USX			
A ASSEMBLY	70 35M 35F	.28	.54	-	.175	.175	-	-	.14	1
B BUSINESS	224 112M 112F	3.24	3.24	-	2.4	2.4	-	-	2.24	1
S (STORAGE)	9 5M 5F	.05	.05	-	.007	.007	-	-	.009	1
MECH/ELEC	5 3M 3F	.006	.006	-	.004	.004	-	-	.005	1
TOTAL REQUIRED		3.58	3.84	0	2.59	2.59	0	0	2.4	1
TOTAL PROVIDED		5	9	3	3	4	3	1	4	1

GMC

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ISSUE DATE
ISSUE FOR BID 08/20/2026

HOUSTON COUNTY DHR
172 Prevatt Rd
Dothan, Alabama 36301

GMC # ABHM250019



LIFE SAFETY - CODE STUDY

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BEST MANAGEMENT PRACTICES NOTES

- ALL BEST MANAGEMENT PRACTICES SHALL BE DEVELOPED AND MAINTAINED BY THE CONTRACTOR ACCORDING TO THE ALABAMA HANDBOOK FOR EROSION CONTROL, SEDIMENT CONTROL, AND STORM WATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS, (MARCH 2022 ED. OR MOST CURRENT) BY THE ALABAMA SOIL AND WATER CONSERVATION COMMITTEE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND FAMILIARIZING HIMSELF WITH THE HANDBOOK AND THE STANDARDS AND MATERIALS CONTAINED THEREIN. THE HANDBOOK MAY BE PURCHASED FROM THE ALABAMA CHAPTER OF THE SOIL AND WATER CONSERVATION SOCIETY THROUGH THE COUNTY SOIL AND WATER CONSERVATION FOUNDATION. ORDER FORMS ARE AVAILABLE ON THE HOME PAGES OF THE ALABAMA CHAPTER OF THE SOIL AND WATER CONSERVATION SOCIETY (HTTP://WWW.ALCHAPTERSOWS.ACES.EDU) AND THE ALABAMA SOIL AND WATER CONSERVATION COMMITTEE (HTTPS://ALCONSERVATIONDISTRICTS.GOV/) AND AT LOCAL SOIL AND WATER CONSERVATION DISTRICT OFFICES IN EACH COUNTY.
- THE MAINTENANCE OF ALL BEST MANAGEMENT PRACTICES, SO AS TO BE AN EFFECTIVE BARRIER TO EROSION AND SEDIMENTATION, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR THROUGHOUT THE DURATION OF THE CONSTRUCTION PERIOD. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED IN COMPLIANCE WITH ALL ADEM AND EPA BEST MANAGEMENT PRACTICES AND THE NPDES PERMIT ASSOCIATED WITH THIS SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR, REPLACEMENT, AND/OR SUPPLEMENTATION OF ANY CONTROL MEASURES THAT ARE NOT FUNCTIONING PROPERLY. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHOWN ON THE PLANS SHALL BE CONSIDERED A MINIMUM.
- OTHER THAN LAND-CLEARING ACTIVITIES REQUIRED TO INSTALL THE APPROPRIATE BMP IN ACCORDANCE WITH THE BMP PLANS, ANY DOWN SLOPE EROSION AND SEDIMENT CONTROL MEASURES, ON-SITE STREAM CHANNEL PROTECTION AND UPSLOPE DIVERSION OF DRAINAGE REQUIRED BY THE BMP PLAN SHALL BE IN PLACE AND FUNCTIONAL BEFORE ANY CLEARING OR EARTH MOVING OPERATIONS BEGIN AND SHALL BE CONSTRUCTED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. TEMPORARY MEASURES MAY BE REMOVED AT THE BEGINNING OF THE WORKDAY, BUT SHALL BE REPLACED AT THE END OF THE WORKDAY.
- THE ANGLE FOR GRADED SLOPES AND FILLS SHALL BE NO GREATER THAN THE ANGLE WHICH CAN BE RETAINED BY VEGETATIVE COVER OR OTHER ADEQUATE EROSION CONTROL DEVICES OR STRUCTURES. ANY SLOPE OR FILL WHICH HAS BEEN GRADED SHALL WITHIN THIRTEEN (13) DAYS OF THE COMPLETION OF SUCH GRADING OR THE COMPLETION OF ANY PHASE OF GRADING, BE PLANTED OR OTHERWISE BE PROVIDED WITH GROUND COVER, MATERIALS, DEVICES, OR STRUCTURES SUFFICIENT TO RETAIN EROSION. THE BMPs SHALL REMAIN IN PLACE IN ACCORDANCE WITH THE BMP PLAN UNTIL THE GRADED SLOPE OR FILL IS STABILIZED.
- ALL HAZARDOUS SUBSTANCES USED FOR THIS PROJECT (PAINT, OIL, GREASE, AND OTHER PETROLEUM PRODUCTS) SHALL BE STORED IN ACCORDANCE WITH SPCC REGULATIONS. THESE SUBSTANCES SHALL BE STORED AWAY FROM STORM DRAINS, DITCHES, AND GUTTERS IN WATERTIGHT CONTAINERS. DISPOSAL OF THESE SUBSTANCES SHALL BE IN ACCORDANCE WITH ADEM REGULATIONS. THE CONTRACTOR SHALL PROVIDE ADEQUATE TRASH CONTAINERS ONSITE FOR THE DISPOSAL OF CONSTRUCTION MATERIALS WASTE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING TRASH FROM ENTERING THE STORM DRAINAGE SYSTEM.
- ALL CONTROL MEASURES SHALL BE CHECKED, AND REPAIRED AS NECESSARY, MONTHLY IN DRY PERIODS, AND WITHIN 24 HOURS AFTER ANY RAINFALL AT THE SITE OF 0.75 INCH WITHIN A 24 HOUR PERIOD. DURING PROLONGED RAINFALLS, DAILY CHECKING AND, IF NECESSARY, REPAIRING SHALL BE DONE. THE PERMITTEE SHALL MAINTAIN WRITTEN RECORDS OF SUCH CHECKS AND REPAIRS, WHICH SHALL BE SUBJECT TO THE INSPECTION OF THE OFFICIAL AT ANY REASONABLE TIME.
- DISTURBED AREA = 5.47 +/- ACRES
- APPROXIMATE START DATE: FEBRUARY 2026. APPROXIMATE END DATE: AUGUST 2027.
- EXISTING SITE CONDITIONS: EXISTING DAYCARE BUILDING WITH ACCESSORY STRUCTURES, ASSOCIATED HARDSCAPES, AND ASSOCIATED UTILITIES.
- ALL MATERIALS SHALL BE PROPERLY STORED, NOT EXPOSED TO RAIN, AND STOCKPILED. ALL CONTAINERS SHALL BE STORED CLOSED OR IN COVER. ALL EXCESS OR WASTE MATERIAL SHALL BE DISPOSED OF PROPERLY. THE CONTRACTOR SHALL PROVIDE A CONSTRUCTION WASTE DUMPSTER OR TRAILER ON SITE FOR CONSTRUCTION WASTE. THE CONTRACTOR SHALL DISPOSE OF TRASH AND WASTE TO AN ACCEPTABLE OFFSITE FACILITY EVERY 10 DAYS MINIMUM.
- THERE SHALL BE NO DISTINCTLY VISIBLE FLOATING SCUM, OIL, OR OTHER MATTER CONTAINED IN THE STORM WATER DISCHARGE TO A RECEIVING WATER. MUST NOT CAUSE AN UNNATURAL COLOR (EXCEPT DYES OR OTHER SUBSTANCES DISCHARGED FOR THE PURPOSE OF ENVIRONMENTAL STUDIES AND WHICH DO NOT HAVE A HARMFUL EFFECT ON THE RECEIVING WATER), OR ODOR IN THE RECEIVING WATERS. THE STORM WATER DISCHARGE TO RECEIVING WATER MUST RESULT IN NO MATERIAL IN CONCENTRATION SUFFICIENT TO BE HAZARDOUS OR OTHERWISE DETRIMENTAL TO HUMANS, LIVESTOCK, WILDLIFE, PLANT LIFE OR FISH AND AQUATIC LIFE IN THE RECEIVING WATER.
- WHEN THE LAND-DISTURBING ACTIVITY IS FINISHED AND STABLE VEGETATION OR OTHER PERMANENT CONTROLS HAVE BEEN ESTABLISHED ON ALL REMAINING EXPOSED SOIL, THE OWNER OF THE LAND WHERE THE LAND-DISTURBING ACTIVITY WAS CONDUCTED, OR HIS AUTHORIZED AGENT, SHALL NOTIFY THE OFFICIAL OF THESE FACTS AND REQUEST A FINAL INSPECTION. THE OFFICIAL SHALL THEN INSPECT THE SITE WITHIN 5 WORKING DAYS AFTER RECEIPT OF NOTICE, AND MAY REQUIRE ADDITIONAL MEASURES TO STABILIZE THE SOIL AND CONTROL EROSION AND SEDIMENTATION AS REQUIRED.
- THE CONTRACTOR SHALL MINIMIZE THE TRACKING OF MUD AND DEBRIS ONTO PAVED ROADWAYS FROM CONSTRUCTION AREAS. THE CONTRACTOR SHALL PROVIDE A CONSTRUCTION EXIT PAD AS NOTED ON THE PLANS AND MAINTAIN IT ON A REGULAR BASIS AS AN EFFECTIVE MEASURE FOR REMOVING MUD AND DEBRIS FROM EQUIPMENT TIRES. THE CONTRACTOR SHALL TRACKED FROM THE SITE ONTO ADJACENT ROADWAYS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A SPRAY HOSE FOR WASHING OF TIRES AND EQUIPMENT. THE PERIODIC REWORKING OF THE CONSTRUCTION EXIT PAD STONE, OR SUPPLEMENTING THE EXIT PAD WITH ADDITIONAL STONE AS REQUIRED TO ENSURE ITS CONTINUED EFFECTIVENESS THROUGHOUT THE DURATION OF THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AT HIS EXPENSE ANY MUD AND DEBRIS TRACKED OFFSITE AND ONTO ADJACENT ROADWAYS AS REQUIRED.
- ALL EXISTING AND NEW STORM DRAINAGE INLETS, STRUCTURES, AND PIPES SHALL BE CLEANED OF TRASH AND SEDIMENTS ON A REGULAR BASIS, WEEKLY AT A MINIMUM, SO AS NOT TO ALLOW DOWNSTREAM POLLUTION OF RECEIVING WATERS OR THE ESCAPING OF SEDIMENTS OFF SITE.
- TEMPORARY DIVERSION BERMS AND/OR DITCHES SHALL BE PROVIDED AS REQUIRED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING DUST TO A MINIMUM THROUGH THE USE OF WATER TRUCKS OR OTHER DUST CONTROLLING METHODS THROUGHOUT THE CONSTRUCTION PERIOD.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING EROSION AND SILTATION OFF OF ADJACENT AND DOWNSTREAM PROPERTIES AND/OR ADJOINING SITES. AT HIS EXPENSE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF SEDIMENTS AND DEBRIS ESCAPING THIS PROJECT SITE. THE PROJECT SITE, THE IMPROVEMENTS, AND ANY DAMAGE THAT MAY OCCUR AS A RESULT TO ADJOINING AND/OR DOWNSTREAM AFFECTED PROPERTIES OR OFFSITE STRUCTURES, AND ANY FINES OR PENALTIES LEVIED AGAINST THE PROJECT BY REGULATORY AGENCIES DUE TO DEFICIENCIES OF CONTROL MEASURES.
- ALL DISTURBED AND REGRADED AREAS NOT TO BE PAVED SHALL RECEIVE TOPSOIL AND BE SEEDED AND MULCHED ACCORDING TO A L.D.O.T. PERMANENT SEEDING SCHEDULES, COVERED WITH SOLID SOD, OR AS SHOWN ON THE LANDSCAPE PLAN (IF ANY). LOCALIZED EROSION AND RILLS SHALL BE REPAIRED AS NECESSARY AT THE CONTRACTOR'S EXPENSE. AREAS TO BE SEEDED SHALL RECEIVE 4" OF TOPSOIL AND AREAS TO BE SODDED SHALL RECEIVE 2" (MIN.) OF TOPSOIL. ACCOUNT FOR THICKNESS OF TOPSOIL WITH RESPECT TO FINISHED GRADES.

CITY OF DOTHAN NOTES

- THE ADDRESSING DISPLAY SHALL ADHERE TO THE CITY OF DOTHAN ADDRESS DISPLAY REQUIREMENTS AS DESCRIBED IN THE CITY'S CODE OF ORDINANCE SECTION 114-185 AND THE CITY OF DOTHAN'S E-911 ADDRESSING STANDARDS AND GUIDELINES.
- ADDRESS NUMBERS/CHARACTERS MUST BE THREE (3) INCHES IN HEIGHT, PROPORTIONAL IN WIDTH, AND CONTRASTING COLOR TO THE BACKGROUND ATTACHED.
- ONE SET OF ADDRESS NUMBERS/CHARACTERS, EITHER ON THE STRUCTURE OR MAILBOX/SIGN/MARKER, MUST BE RETROREFLECTIVE (MUST REFLECT LIGHT BACK AT NIGHT). RETROREFLECTIVE NUMBERS/CHARACTERS MUST BE DISPLAYED ON THE SAME SIDE OF THE STRUCTURE FACING THE ADDRESSED ROADWAY OR ON BOTH SIDES OF A MAILBOX OR SIGN/MARKER.
- BUSINESS STRUCTURES MUST HAVE THE ADDRESS NUMBERS/CHARACTERS PROPERLY DISPLAYED BEFORE OCCUPANCY AND/OR USE. WHEN THE BUILDING IS SUBSTANTIALLY COMPLETE, THE ADDRESS IS TO BE PERMANENTLY DISPLAYED ON THE STRUCTURE. THE ADDRESS MUST BE PERMANENTLY DISPLAYED BEFORE THE CERTIFICATE OF OCCUPANCY OR BUSINESS LICENSE IS ISSUED.
- ALL EROSION CONTROL MEASURES SHALL BE IN PLACE AS REQUIRED BY THE ENGINEER, PLANS, AND CITY OF DOTHAN REPRESENTATIVE. SILTATION CONTROL MEASURES SHALL BE INSPECTED PER THE NPDES PERMIT REQUIREMENTS. ANY DEFICIENCIES SHALL BE CORRECTED IMMEDIATELY AND NO FURTHER WORK WILL PROCEED UNTIL SAID DEFICIENCIES ARE CORRECTED TO THE CITY OF DOTHAN OR ENGINEER'S APPROVAL.
- CONTRACTOR TO NOTIFY CITY OF DOTHAN PUBLIC WORKS DEPARTMENT, ENGINEERING SERVICES (334-615-4420) 24 HOURS PRIOR TO STARTING WORK.
- AFTER FINAL PLANS ARE APPROVED AND A BUILDING PERMIT IS ISSUED, THE CIVIL SITE PLAN SHOWING THE PARKING/EDGE OF PAVING AND BUILDING FOOTPRINT SHALL BE SUBMITTED TO ENGINEERING SERVICES IN AUTOCAD FORMAT FOR INCLUSION IN THE CITY'S GIS SYSTEM BEFORE A CERTIFICATE OF OCCUPANCY (CO) IS ISSUED.

GENERAL NOTES

- THE CONTRACTOR SHALL VERIFY THE LOCATIONS AND CONDITIONS OF ALL UTILITIES TO BE UTILIZED FOR CONSTRUCTION SERVICE HOOK UPS, STORM SEWERS AND SANITARY SEWERS PRIOR TO PROCEEDING WITH THE LAYING OF PIPE. THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY OF ANY CONFLICTS OR DISCREPANCIES. ALL SERVICE CONNECTIONS TO UTILITIES SHALL BE APPROVED BY THE RESPECTIVE UTILITY AND SHALL CONFORM TO THE LATEST SPECIFICATIONS.
- THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES CONCERNING CONFLICTS, RELOCATION, REMOVAL, AND INTERRUPTIONS OF SERVICE.
- THE WORK REQUIRED TO RELOCATE, REMOVE, INSTALL, REPLACE, ETC. UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, WITHIN THE LIMITS OF WORK.
- THE CONTRACTOR SHALL BE IN POSSESSION OF ALL REQUIRED PERMITS PRIOR TO ANY CONSTRUCTION EFFORTS.
- ANY CHANGES OR REVISIONS MADE TO THE SITE PLANS SHALL BE SUBMITTED FOR APPROVAL TO THE CITY OF DOTHAN AND ALL OTHER PERTINENT AGENCIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXTENT, LOCATION AND ELEVATION OF THE EXISTING IMPROVEMENTS. IF ANY SIGNIFICANT DIFFERENCE IN SITE CONDITION OR ELEVATION IS FOUND, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY.
- UNSTABLE AND PUMPING SUB GRADE CONDITIONS MAY OCCUR DURING SITE PREPARATION AND UNDERCUTTING OPERATIONS. PROPER PROTECTION OF SUB GRADE, DRAINAGE AND DEWATERING WILL BE CRITICAL TO SITE CONSTRUCTION EFFORTS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MINIMIZE EQUIPMENT TRAFFIC ACROSS THE SITE. EVERY EFFORT SHALL BE MADE TO LOCALIZE EQUIPMENT STAGING AND TRAFFIC TO SPECIFIC AREAS AND LIMIT THE AMOUNT OF UNDERCUTTING AND SOIL STABILIZATION THAT MAY BE NEEDED. THE CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT FOR FURTHER RECOMMENDATIONS.
- SEE THE GEOTECHNICAL INVESTIGATION PERFORMED BY GOODWYN MILLS CAWOOD, LLC., DATED SEPTEMBER 9, 2025 FOR GENERAL EARTHWORK AND PAVEMENT EVALUATIONS AND RECOMMENDATIONS. SPECIFIC CONSTRUCTION CONCERNS AND ACTUAL CONSTRUCTION MEANS AND METHODS ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND FAMILIARIZING HIMSELF WITH THE INVESTIGATION AND THE EVALUATIONS AND RECOMMENDATIONS CONTAINED THEREIN.
- ALL GRADING OPERATIONS SHALL BE MONITORED BY A QUALIFIED GEOTECHNICAL CONSULTANT AS CHOSEN AND PAID FOR BY THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING SAID CONSULTANT IN ADVANCE OF ALL REQUIRED TESTING AND SECURING COPIES OF RESULTING REPORTS.
- ALL EXCESS EXCAVATION CREATED BY GRADING OPERATIONS SHALL BE REMOVED AND LEGALLY DISPOSED OF OFF SITE.
- ALL DIMENSIONS SHOWN ARE TO FACE OF CURB, CENTER OF STRIPE, FACE OF BUILDING OR AS SPECIFIED IN THE PLANS.
- ALL SPOT ELEVATIONS SHOWN REFLECT ELEVATIONS AT GUTTER LINE, ASPHALT, OR FINISHED GROUND ELEVATION, UNLESS OTHERWISE NOTED. TOP AND BOTTOM ELEVATIONS FOR RETAINING WALLS (IF ANY) REPRESENT THE FINISHED GROUND ELEVATION AT THE WALL, NOT FOOTINGS, RAILINGS ETC.
- ALL STORM DRAINAGE PIPE SHALL BE CLASS 3 MINIMUM REINFORCED CONCRETE PIPE WITH TYPE 1, 2 OR 3 BEDDING UNLESS SPECIFICALLY SHOWN OTHERWISE IN THE PLANS. IF ANOTHER TYPE OF PIPE IS SPECIFIED, BEDDING AND BACKFILL SHALL BE AS PER THE MANUFACTURER'S STANDARDS AND SPECS.
- THE CONTRACTOR SHALL COORDINATE THE ELECTRICAL CONNECTION POINT, SERVICE, SIZE, POLE LOCATIONS, AND TRANSFORMER LOCATIONS WITH THE SERVICE PROVIDER PRIOR TO CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR SHALL PAY ALL CONNECTION COSTS AND FEES, INCLUDING BUT NOT LIMITED TO TAPPING FEES, METER COSTS, SETTING CHARGES, AND CONNECTION CHARGES.
- ALL DRAINAGE STRUCTURES, INLETS BOXES, MANHOLES, ETC. SHALL BE POURED IN PLACE OR PRE CAST CONCRETE AS REQUIRED.
- BRICK WILL ONLY BE ALLOWED TO ADJUST GRADE ON STORM MANHOLES. THE MAXIMUM ALLOWABLE HEIGHT OF BRICK SHALL BE 11 INCHES.
- ALL DRAINAGE STRUCTURES, INLET BOXES, AND CATCH BASINS SHALL HAVE 2" WEEP HOLES FORMED, OR DRILLED, ON ALL SIDES WHERE DRAINAGE PIPES DO NOT INTERFERE WITH THEM. ALL WEEP HOLES SHALL HAVE GRAVEL WRAPPED WITH FILTER FABRIC AT THEIR INTERFACE WITH BACK FILL TO AID GROUNDWATER FLOW TO THE WEEP HOLE.
- THE CONTRACTOR SHALL USE SPILL OUT CURB AND GUTTER AS REQUIRED TO ENSURE POSITIVE DRAINAGE AND THAT NO WATER IS HELD IN THE LOW POINTS OF GUTTERS. THE TRANSITION FROM STANDARD GUTTER TO SPILLOUT GUTTER SHALL BE SMOOTH AND AESTHETICALLY PLEASING.
- THE CONTRACTOR SHALL ENSURE THAT ALL SIDEWALKS, RAMPS, AND ACCESSIBLE PARKING AREAS ARE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT AMERICANS WITH DISABILITIES ACT AND ARCHITECTURAL BARRIERS ACT ACCESSIBILITY GUIDELINES.
- ALL FUEL STORAGE TANKS USED ON THE SITE BY THE CONTRACTOR SHALL MEET ALL LOCAL, STATE, AND FEDERAL CODES AND REGULATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ASSURING ALL TRENCH EXCAVATIONS FOR THIS PROJECT ARE IN ACCORDANCE WITH OSHA REGULATIONS.
- THE CONTRACTOR SHALL COORDINATE WITH THE OWNER THE AREAS TO BE USED FOR LAYDOWN AND TRAILERS. THE CONTRACTOR SHALL RESTORE ALL THE AREAS USED FOR LAYDOWN AND TRAILER TO THEIR ORIGINAL CONDITION.
- SITE SECURITY WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE LAYOUT OF TEMPORARY CONSTRUCTION FENCING WITH THE OWNER.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF WALKS, DOORS, UTILITY SERVICE TIE-INS (LOCATION, SIZE, AND ELEVATION), ROOF DRAINS, BUILDING DIMENSIONS, ETC. WITH THE ARCHITECTURAL, STRUCTURAL, PLUMBING, MECHANICAL, ELECTRICAL, AND FIRE PROTECTION PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE WORK OF OTHER TRADES PRIOR TO INSTALLING THE IMPROVEMENTS SHOWN ON THESE PLANS.
- THE BOUNDARY INFORMATION SHOWN IN THESE PLANS WAS PROVIDED TO GOODWYN MILLS CAWOOD, LLC BY NORTHSTAR ENGINEERING SERVICES. GOODWYN MILLS CAWOOD, LLC DOES NOT WARRANT THE ACCURACY OF THIS INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO SATISFY HIMSELF OF THE ACCURACY OF THE SURVEY INFORMATION PRIOR TO COMMENCING CONSTRUCTION.

DEMOLITION NOTES

- ALL ON-SITE EXISTING UTILITIES NOT TO BE USED SHALL BE REMOVED. CONTRACTOR SHALL COORDINATE WITH APPROPRIATE UTILITY COMPANY FOR THE REMOVAL AND DISCONNECTION OF EXISTING UTILITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL UTILITIES IN ALL AREAS TO BE REMOVED OR DEMOLISHED, PRIOR TO COMMENCEMENT OF WORK. THE UTILITIES TO BE LOCATED SHALL INCLUDE, BUT NOT BE LIMITED TO WATER, GAS, SANITARY SEWER, STORM SEWER, SITE LIGHTING, IRRIGATION, SECURITY, CABLE, SITE ELECTRICAL, AND TELEPHONE.
- ALL UTILITIES TO BE REMOVED SHALL BE CUT, REMOVED, CAPPED, ETC. ACCORDING TO ALL GOVERNING AGENCIES SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL UTILITY AGENCIES PRIOR TO ANY WORK BEING DONE ON THEIR RESPECTIVE LINES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING AND INFORMING EACH UTILITY AGENCY OF THE SCOPE OF WORK AND SCHEDULE OF COMPLETION, AND SHALL COORDINATE ALL INSPECTIONS.
- THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS IN THE FIELD AND SHALL LOCATE ON THE GROUND WITH PAINT OR OTHER EASILY VISIBLE MEANS ALL UNDERGROUND UTILITIES PRIOR TO ANY CONSTRUCTION EFFORTS. CONFLICTS OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER IMMEDIATELY. THE UTILITIES SHOWN ARE ILLUSTRATED AS LOCATED ON THE GROUND BY LINE LOCATORS, SURVEY OF ABOVE GROUND STRUCTURES, AND/OR ACCORDING TO UTILITY MAPS OR UTILITY ADMINISTRATOR'S RECOLLECTION, AND ARE PROVIDED AS INFORMATION ONLY.
- THE CONTRACTOR SHALL PRESERVE AND PROTECT, ACCORDING TO THE INSTRUCTIONS OF THE UTILITY INVOLVED, ANY "LIVE" UTILITIES LOCATED BY THE UTILITY COMPANY OR THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ALL CONCRETE, SIDEWALKS, WALLS, ETC. DAMAGED DURING CONSTRUCTION. ALL DISTURBED AREAS WITHIN PUBLIC RIGHTS OF WAY SHALL BE RESTORED TO THE ORIGINAL CONDITION OR AS ACCEPTED BY THE OWNER.

PERMANENT SEEDING SPECIFICATION

- SEED MIXES**
REFERENCE: ALDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 2022 EDITION OR MOST CURRENT, SECTION 650, SECTION 652, SECTION 860, AND OTHERS AS APPLICABLE.
ZONE 3 - AREAS SUBJECT TO FREQUENT MOWING (REQUIRED LBS. PER ACRE)

DATE OF PLANTING	SEPT. 1 - FEB. 29	MAR. 1 - AUG. 31	MAR. 1 - AUG. 31	
ANNUAL RYEGRASS	10	25		
HULLED BERMUDAGRASS		18		
UNHULLED BERMUDAGRASS	30	12	12	
ANNUAL LESPEDEZA (KOBÉ)		38	24	
PENSACOLA BAHIA GRASS			47	
RESEEDING CRIMSON CLOVER	5			
NOTES	1	2	3	
REQ'D PERMANENT PLANT		BERMUDAGRASS	PENSACOLA BAHIA GRASS	
1. DURING THIS SEASON RYEGRASS, BERMUDAGRASS AND CLOVER ARE REQUIRED WHERE VEGETATION MUST BE ESTABLISHED WITHIN AN AREA NO FURTHER THAN 15 FEET FROM THE EDGE OF MAINLINE PAVEMENT. (THIS IS USUALLY REQUIRED FOR SHORT DURATION WORK THAT IS DONE ON PAVEMENT RESURFACING PROJECTS). 2. ANNUAL RYEGRASS IS REQUIRED WHERE VEGETATION MUST BE ESTABLISHED WITHIN AN AREA THAT EXTENDS FURTHER THAN 15 FEET FROM THE EDGE OF MAINLINE PAVEMENT. SEEDING IN STUBBLE FOR THE ESTABLISHMENT OF PERMANENT VEGETATION IS REQUIRED DURING THE FOLLOWING MONTH OF MARCH. 3. BERMUDAGRASS WILL BE REQUIRED AS THE PERMANENT PLANT IF IT IS NOT SHOWN ON THE PLANS THAT PENSACOLA BAHIA GRASS WILL BE REQUIRED AS THE PERMANENT PLANT.				
ZONE 3 - AREAS NOT SUBJECT TO FREQUENT MOWING (REQUIRED LBS. PER ACRE)				
DATE OF PLANTING	JAN. 1 - FEB. 15	FEB. 16 - AUG. 31	SEPT. 1 - NOV. 30	DEC. 1 - DEC. 31
ANNUAL RYEGRASS	10		10	10
HULLED BERMUDAGRASS		12	12	
UNHULLED BERMUDAGRASS	29	18	12	29
TALL FESCUE	29		35	29
WEEPING LOVEGRASS		2	2	
ANNUAL LESPEDEZA (KOBÉ)		50		
RESEEDING CRIMSON CLOVER	29		29	29
PENSACOLA BAHIA GRASS	29	24	29	29
REQ'D PERMANENT PLANT		MIXED		
- FERTILIZER**
APPLY 4000 LBS. AGRICULTURAL LIMESTONE PER ACRE.
APPLY 1000 LBS. OF FERTILIZER PER ACRE FOR GRASS SEEDING OR AS RECOMMENDED BY MANUFACTURER. LIME AND FERTILIZER ARE TO BE DISKED INTO THE SOIL SURFACE TO A MINIMUM DEPTH OF 4 INCHES.
MANUFACTURED FERTILIZER

TYPE	NITROGEN	PHOSPHORUS (P2O5)	POTASH (K2O)
15-0-15	15	0	15
13-13-13	13	13	13
10-10-10	10	10	10
8-8-8	8	8	8
0-14-14	0	14	14
4-12-12	4	12	12
4-16-8	4	16	8
SUPER PHOSPHATE	0	18	0
AMMONIUM NITRATE	33.5	0	0
AMMONIUM SULPHATE	20.5	0	0
SODIUM NITRATE	16	0	0
POTASSIUM CHLORIDE	0	0	60
- GENERAL NOTES AND MAINTENANCE**
AFTER SEEDING, THE AREA IS TO BE ROLLED OR CULTIPACKED TO ENSURE THAT THE SEED IS PRESSED INTO CONTACT WITH SOIL SURFACE. ALL SEEDED AREAS ARE TO BE MULCHED WITH STRAW MULCH AT THE RATE OF 4000 LBS. PER ACRE. (APPROX. 100 BALES PER ACRE.) APPLY ASPHALT EMULSION TO THE STRAW MULCH AT THE RATE OF 150 GALLONS PER ACRE.

THE ABOVE DESCRIBED SEEDING RECOMMENDATIONS AND RATES HAVE BEEN PREPARED FOR SELECTION OF A VEGETABLE COVER SUITABLE FOR SOIL EROSION CONTROL IN PLANTING ZONE 3 AS DEFINED BY THE ALDOT STANDARD SPECIFICATION FOR HIGHWAY CONSTRUCTION, 2022 EDITION. THE CONTRACTOR SHALL VERIFY THE PLANTING ZONE THE PROJECT IS LOCATED WITHIN AND ALERT THE PROJECT ENGINEER OF ANY DISCREPANCIES.

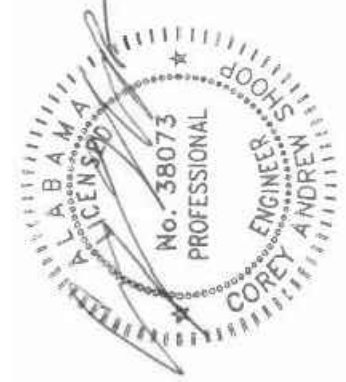
MAINTENANCE
REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, REFERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.

TEMPORARY SEEDING SPECIFICATION

- REFERENCE: ALDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 2022 EDITION OR MOST CURRENT, SECTION 665, SECTION 860, AND OTHERS AS APPLICABLE.
- | SEPTEMBER - DECEMBER | |
|--------------------------|------------------|
| ANNUAL RYE GRASS | 25 LBS. PER ACRE |
| KENTUCKY 31 FESCUE | 30 LBS. PER ACRE |
| RESEEDING CRIMSON CLOVER | 10 LBS PER ACRE |
- | JANUARY - APRIL 15 | |
|--------------------------|------------------|
| KENTUCKY 31 FESCUE | 30 LBS. PER ACRE |
| RESEEDING CRIMSON CLOVER | 30 LBS. PER ACRE |
| ANNUAL RYEGRASS | 15 LBS. PER ACRE |
- | APRIL 16 - AUGUST | |
|----------------------|------------------|
| BROWN TOP MILLET | 30 LBS. PER ACRE |
| KENTUCKY 31 FESCUE | 30 LBS. PER ACRE |
| HULLED BERMUDA GRASS | 10 LBS. PER ACRE |
- AFTER SEEDING, THE AREA IS TO BE ROLLED OR CULTIPACKED TO ENSURE THAT THE SEED IS PRESSED INTO CONTACT WITH SOIL SURFACE. ALL SEEDED AREAS ARE TO BE MULCHED WITH STRAW MULCH AT THE RATE OF 4000 LBS. PER ACRE. (APPROX. 100 BALES PER ACRE.) APPLY ASPHALT EMULSION TO THE STRAW MULCH AT THE RATE OF 150 GALLONS PER ACRE.

PROJECT NOTES

HOUSTON COUNTY
DEPARTMENT OF HUMAN RESOURCES
DOTHAN, ALABAMA



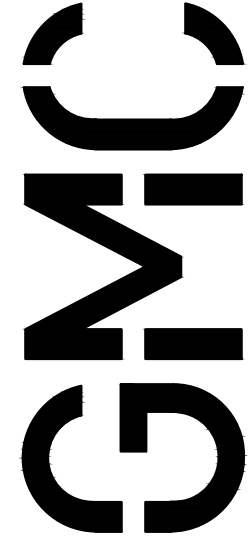
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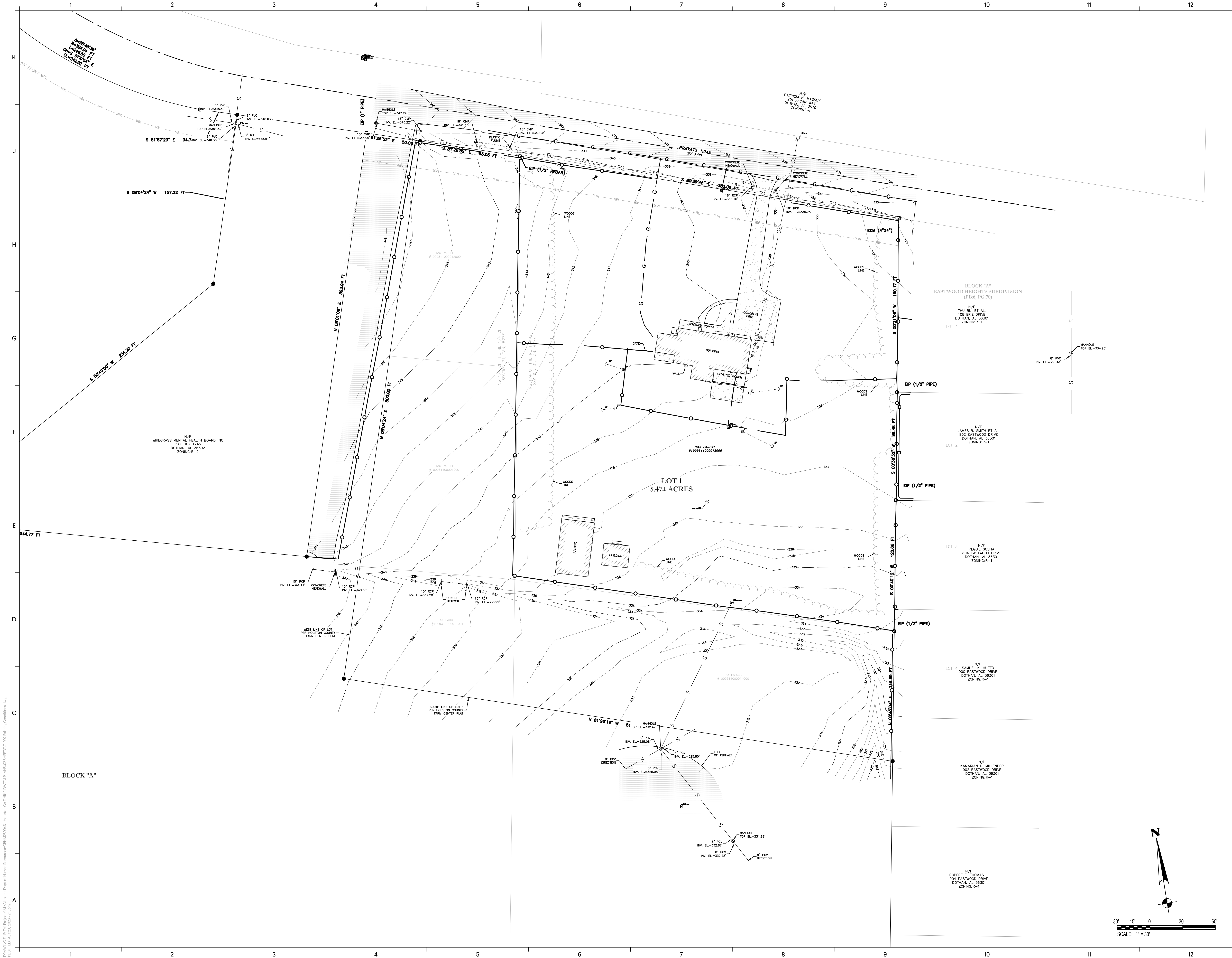
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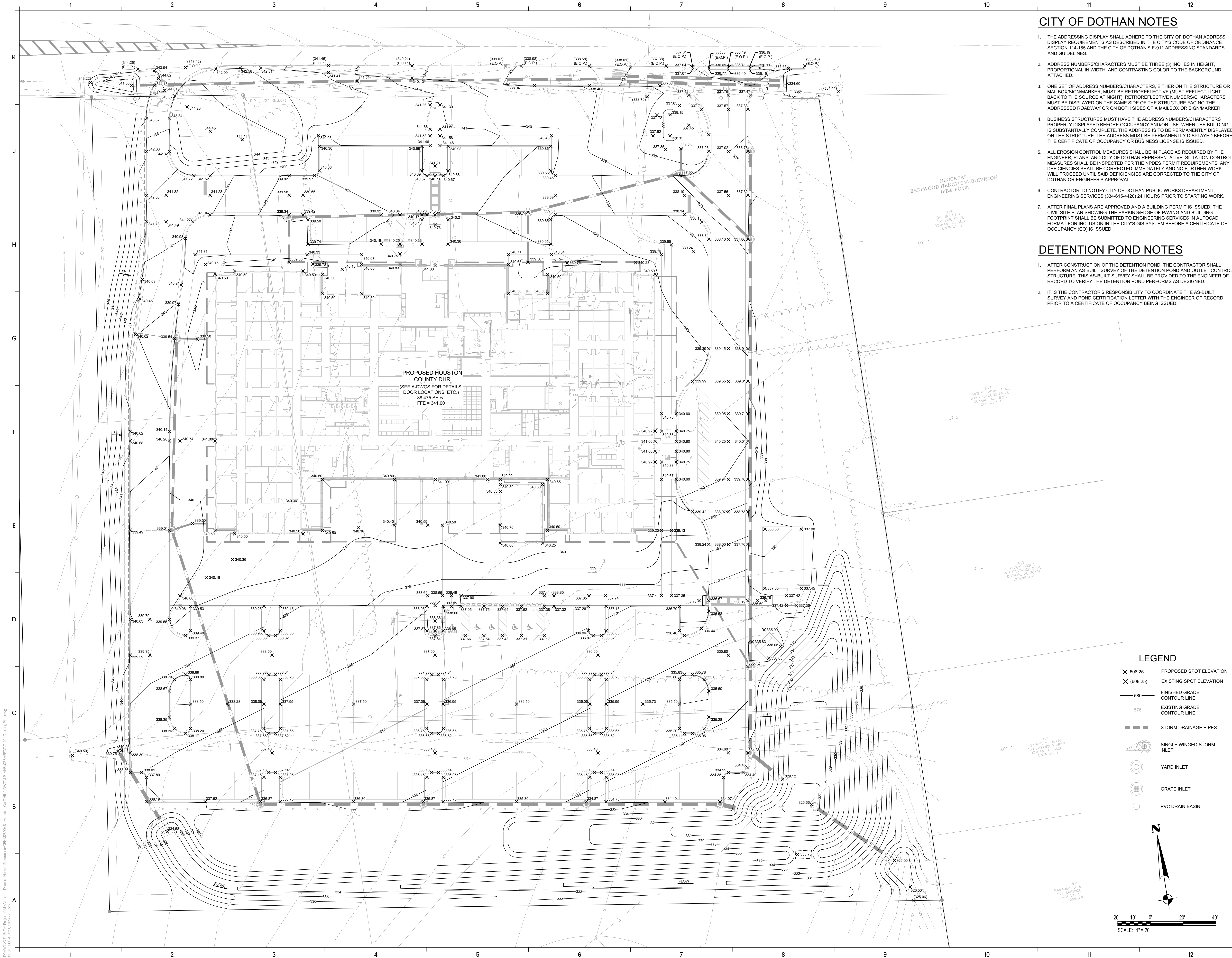
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CITY OF DOTHAN NOTES

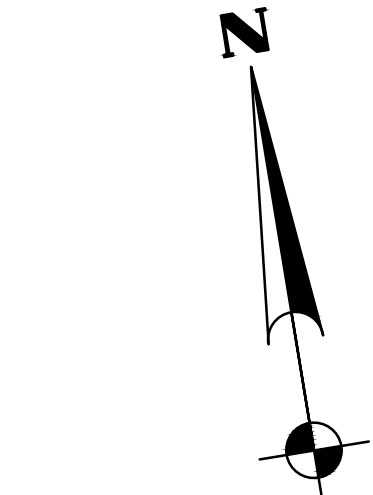
- THE ADDRESSING DISPLAY SHALL ADHERE TO THE CITY OF DOTHAN ADDRESS DISPLAY REQUIREMENTS AS DESCRIBED IN THE CITY'S CODE OF ORDINANCE SECTION 114-185 AND THE CITY OF DOTHAN'S E-911 ADDRESSING STANDARDS AND GUIDELINES.
- ADDRESS NUMBERS/CHARACTERS MUST BE THREE (3) INCHES IN HEIGHT, PROPORTIONAL IN WIDTH, AND CONTRASTING COLOR TO THE BACKGROUND ATTACHED.
- ONE SET OF ADDRESS NUMBERS/CHARACTERS, EITHER ON THE STRUCTURE OR MAILBOX/SIGNMARKER, MUST BE RETROREFLECTIVE (MUST REFLECT LIGHT BACK TO THE SOURCE AT NIGHT). RETROREFLECTIVE NUMBERS/CHARACTERS MUST BE DISPLAYED ON THE SAME SIDE OF THE STRUCTURE FACING THE ADDRESSED ROADWAY OR ON BOTH SIDES OF A MAILBOX OR SIGNMARKER.
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- CONTRACTOR TO NOTIFY CITY OF DOTHAN PUBLIC WORKS DEPARTMENT, ENGINEERING SERVICES (334-615-4420) 24 HOURS PRIOR TO STARTING WORK.
- AFTER FINAL PLANS ARE APPROVED AND A BUILDING PERMIT IS ISSUED, THE CIVIL SITE PLAN SHOWING THE PARKING, DRIVE OF PAVING AND BUILDING FOOTPRINT SHALL BE SUBMITTED TO ENGINEERING SERVICES IN AUTOCAD FORMAT FOR INCLUSION IN THE CITY'S GIS SYSTEM BEFORE A CERTIFICATE OF OCCUPANCY (CO) IS ISSUED.

DETENTION POND NOTES

- AFTER CONSTRUCTION OF THE DETENTION POND, THE CONTRACTOR SHALL PERFORM AN AS-BUILT SURVEY OF THE DETENTION POND AND OUTLET CONTROL STRUCTURE. THIS AS-BUILT SURVEY SHALL BE PROVIDED TO THE ENGINEER OF RECORD TO VERIFY THE DETENTION POND PERFORMS AS DESIGNED.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE AS-BUILT SURVEY AND POND CERTIFICATION LETTER WITH THE ENGINEER OF RECORD PRIOR TO A CERTIFICATE OF OCCUPANCY BEING ISSUED.

LEGEND

- × 608.25 PROPOSED SPOT ELEVATION
- × (608.25) EXISTING SPOT ELEVATION
- 580 — FINISHED GRADE CONTOUR LINE
- 576 — EXISTING GRADE CONTOUR LINE
- — STORM DRAINAGE PIPES
- SINGLE WINGED STORM INLET
- YARD INLET
- GRATE INLET
- PVC DRAIN BASIN



20' 10' 0' 20' 40'
SCALE: 1" = 20'

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HOUSTON COUNTY
DEPARTMENT OF HUMAN RESOURCES
DOTHAN, ALABAMA

GMC Project # ABHM250019

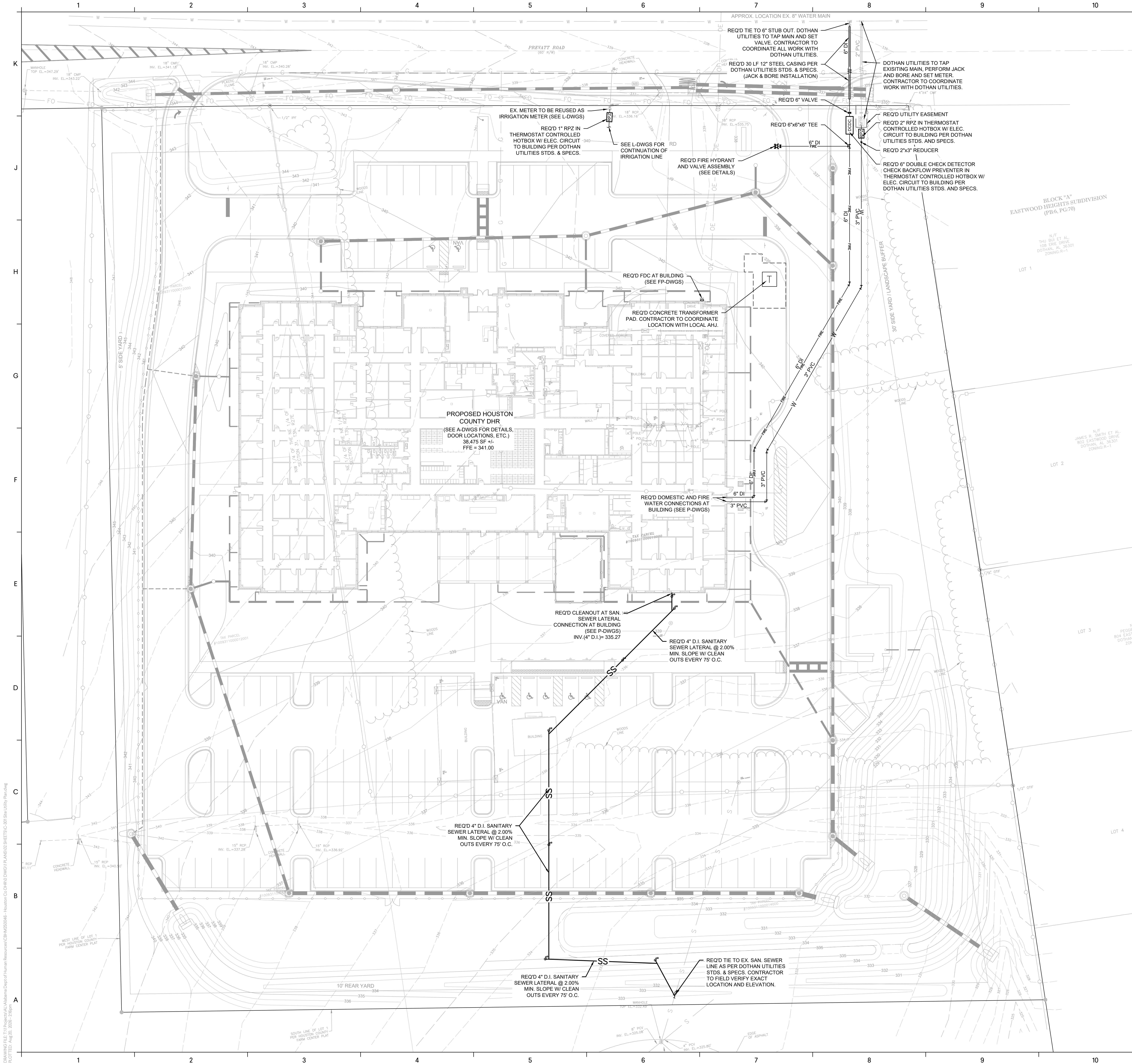
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CITY OF DOTHAN NOTES

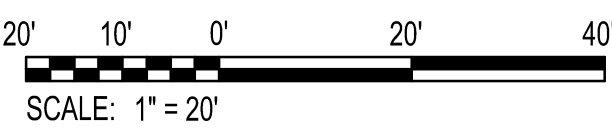
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- 4. BUSINESS STRUCTURES MUST HAVE THE ADDRESS NUMBERS/CHARACTERS PROPERLY DISPLAYED BEFORE OCCUPANCY AND/OR USE. WHEN THE BUILDING IS SUBSTANTIALLY COMPLETE, THE ADDRESS IS TO BE PERMANENTLY DISPLAYED ON THE STRUCTURE. THE ADDRESS MUST BE PERMANENTLY DISPLAYED BEFORE THE CERTIFICATE OF OCCUPANCY OR BUSINESS LICENSE IS ISSUED.
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- 7. AFTER FINAL PLANS ARE APPROVED AND A BUILDING PERMIT IS ISSUED, THE CIVIL SITE PLAN SHOWING THE PARKING/EDGE OF PAVING AND BUILDING FOOTPRINT SHALL BE SUBMITTED TO ENGINEERING SERVICES IN AUTOCAD FORMAT FOR INCLUSION IN THE CITY'S GIS SYSTEM BEFORE A CERTIFICATE OF OCCUPANCY (CO) IS ISSUED.

UTILITY NOTES

- 1. NO TREES OR SHRUBS SHALL BE PLANTED WITHIN 5 FEET OF WATER METERS.
- 2. THE CONTRACTOR SHALL MAINTAIN SERVICEABILITY AND INTEGRITY OF THE EXISTING UTILITIES DURING CONSTRUCTION.

LEGEND

- W WATER LINE (SIZE AND TYPE AS NOTED)
- F FIRE LINE (SIZE AND TYPE AS NOTED)
- S SANITARY SEWER LINE (SIZE AND TYPE AS NOTED)
- Fire Hydrant



HOUSTON COUNTY
DEPARTMENT OF HUMAN RESOURCES
DOTHAN, ALABAMA

SITE UTILITY PLAN



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1. THE ADDRESSING DISPLAY SHALL ADHERE TO THE CITY OF DOTHAN ADDRESS DISPLAY REQUIREMENTS AS DESCRIBED IN THE CITY'S CODE OF ORDINANCE SECTIONS 1-105 AND THE CITY OF DOTHAN'S E-911 ADDRESSING STANDARDS AND GUIDELINES.
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1. AFTER CONSTRUCTION OF THE DETENTION POND, THE CONTRACTOR SHALL PERFORM AN AS-BUILT SURVEY OF THE DETENTION POND AND OUTLET CONTROL STRUCTURE. THIS AS-BUILT SURVEY SHALL BE PROVIDED TO THE ENGINEER OF RECORD TO VERIFY THE DETENTION PERFORMS AS DESIGNED
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE AS-BUILT SURVEY AND POND CERTIFICATE LETTER WITH THE ENGINEER OF RECORD PRIOR TO A CERTIFICATE OF OCCUPANCY BEING ISSUED.

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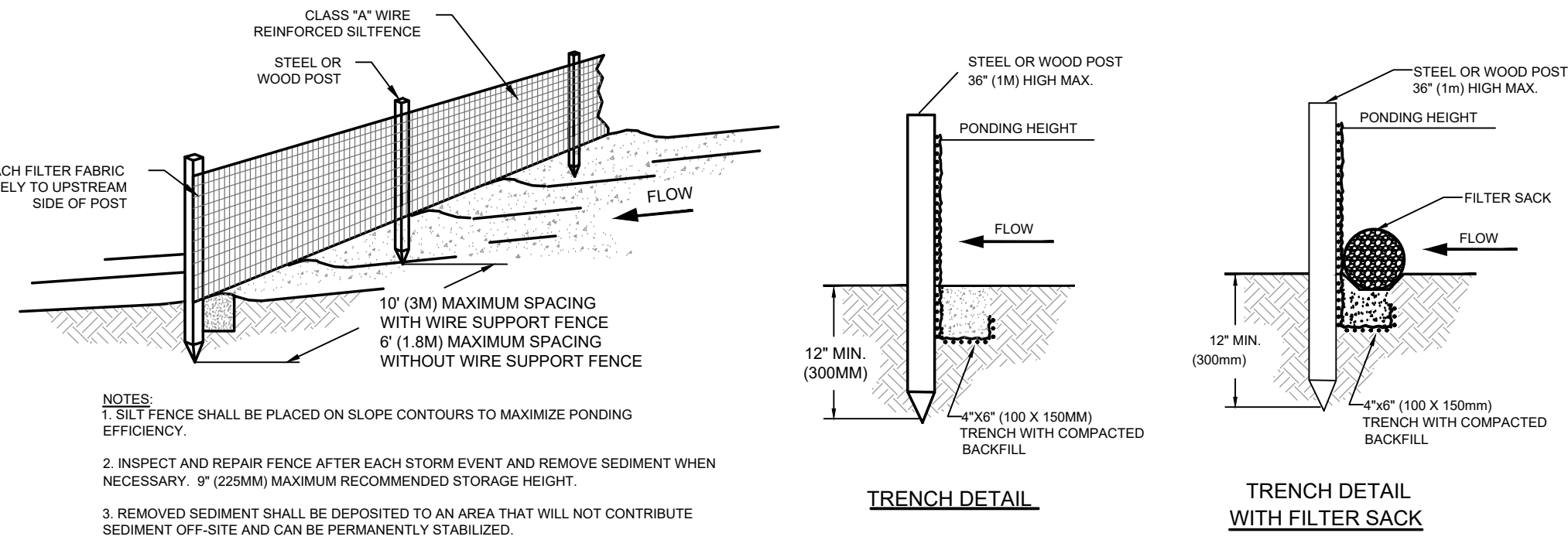
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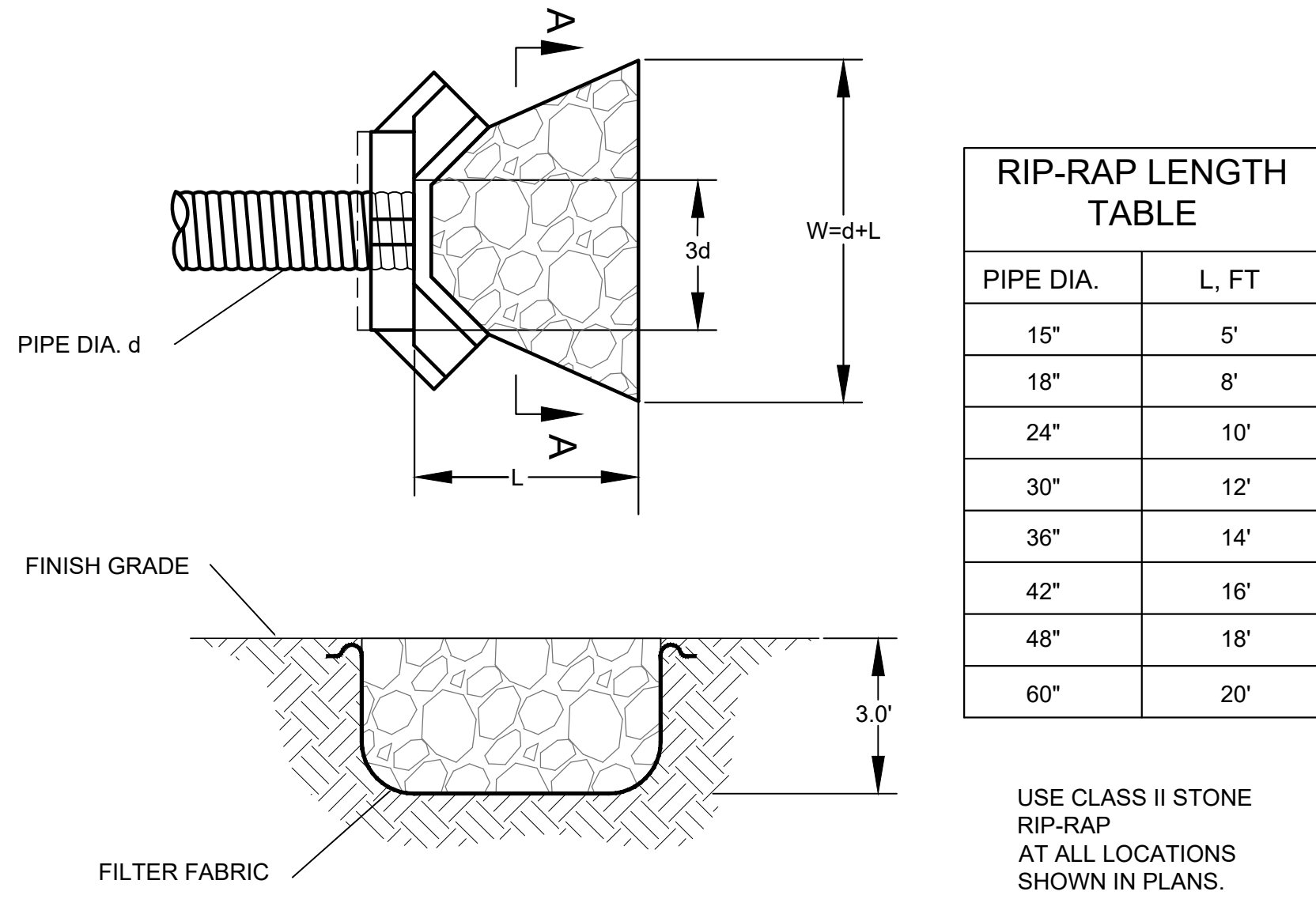
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SILT FENCE DETAIL
N.T.S.



RIP RAP POND OUTFALL DETAIL
NOT TO SCALE

Chapter 4

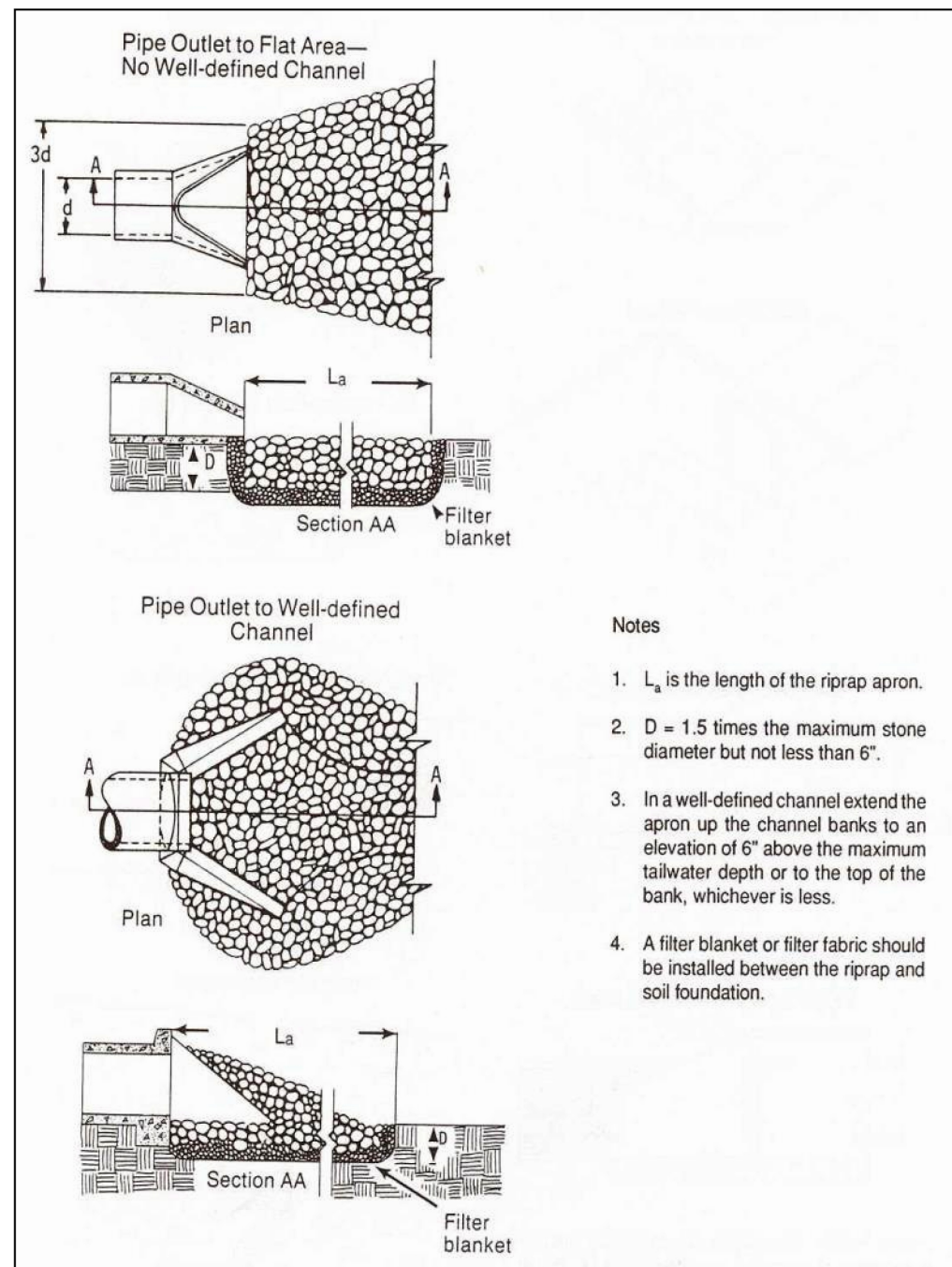


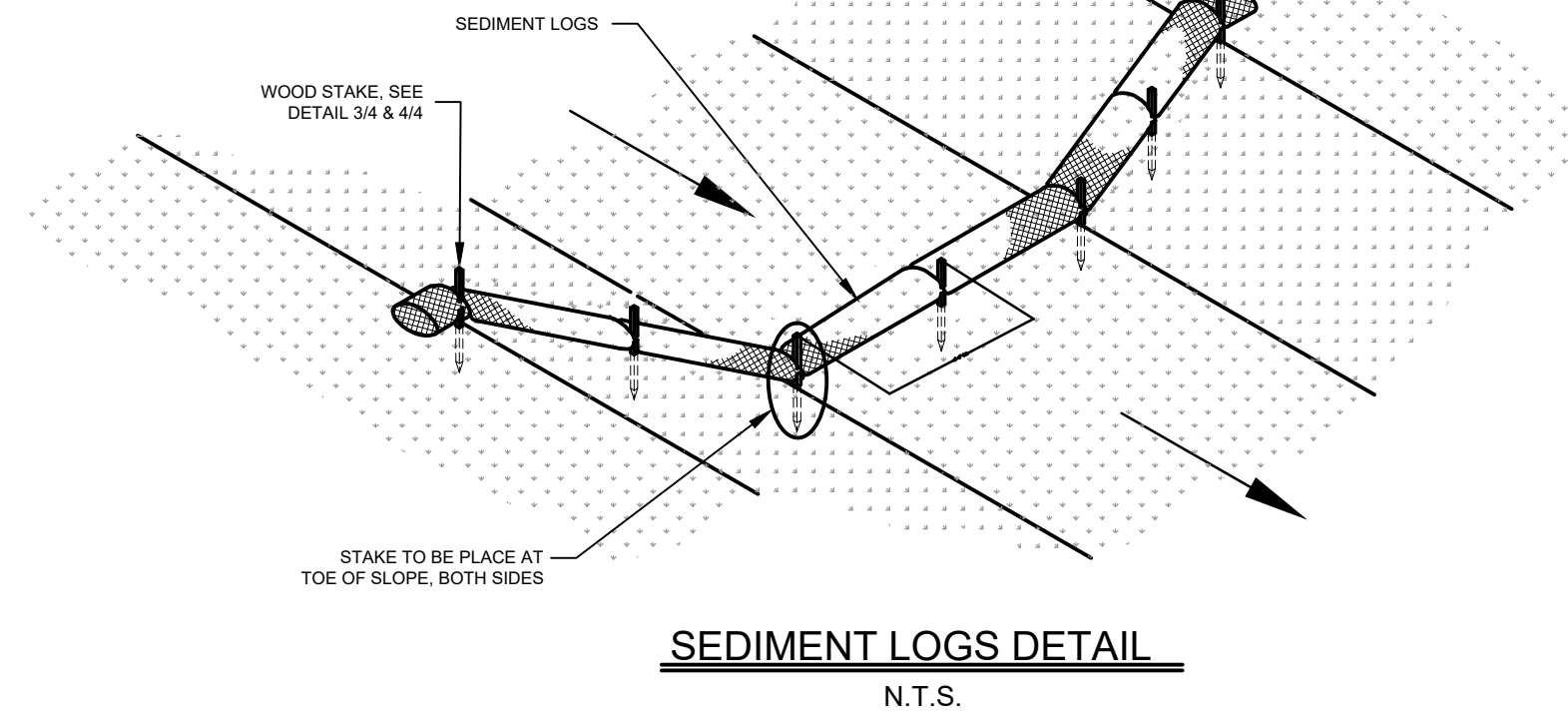
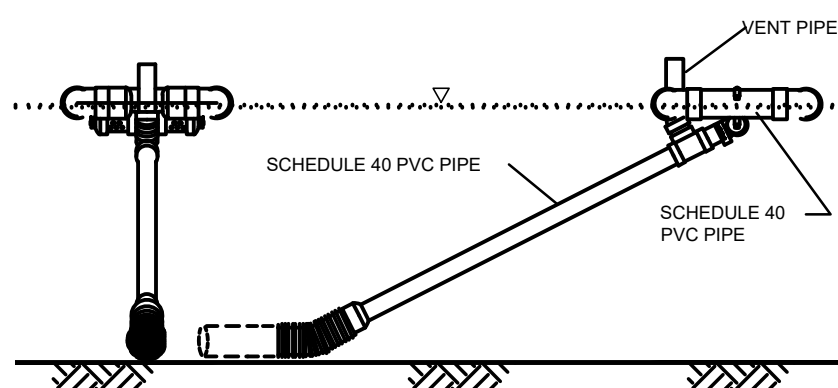
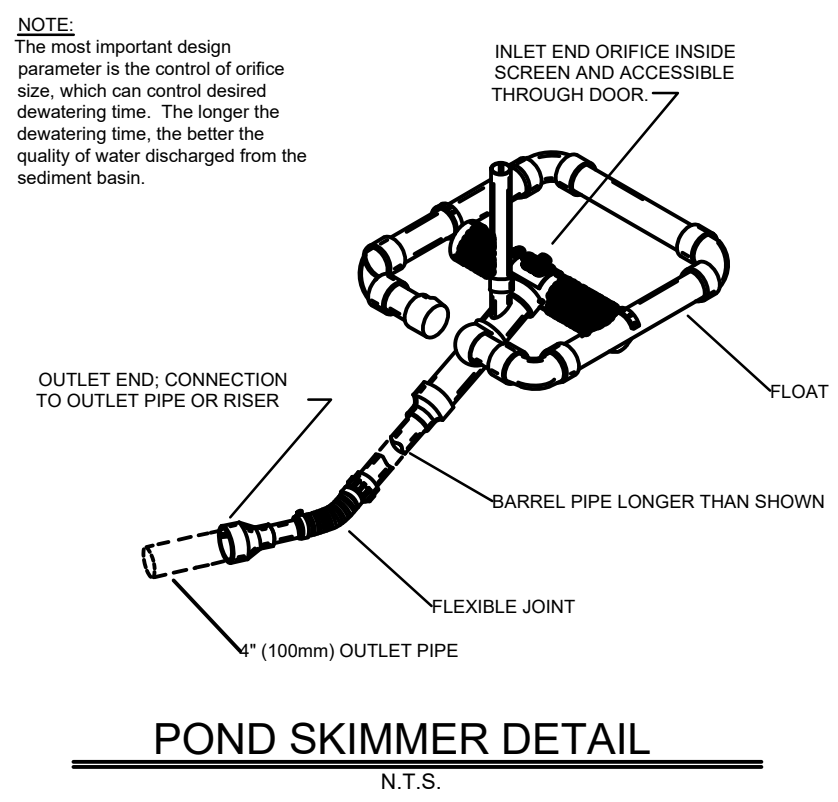
Figure OP-1 Pipe Outlet Conditions

RIP RAP OUTLET PROTECTION DETAIL
N.T.S.

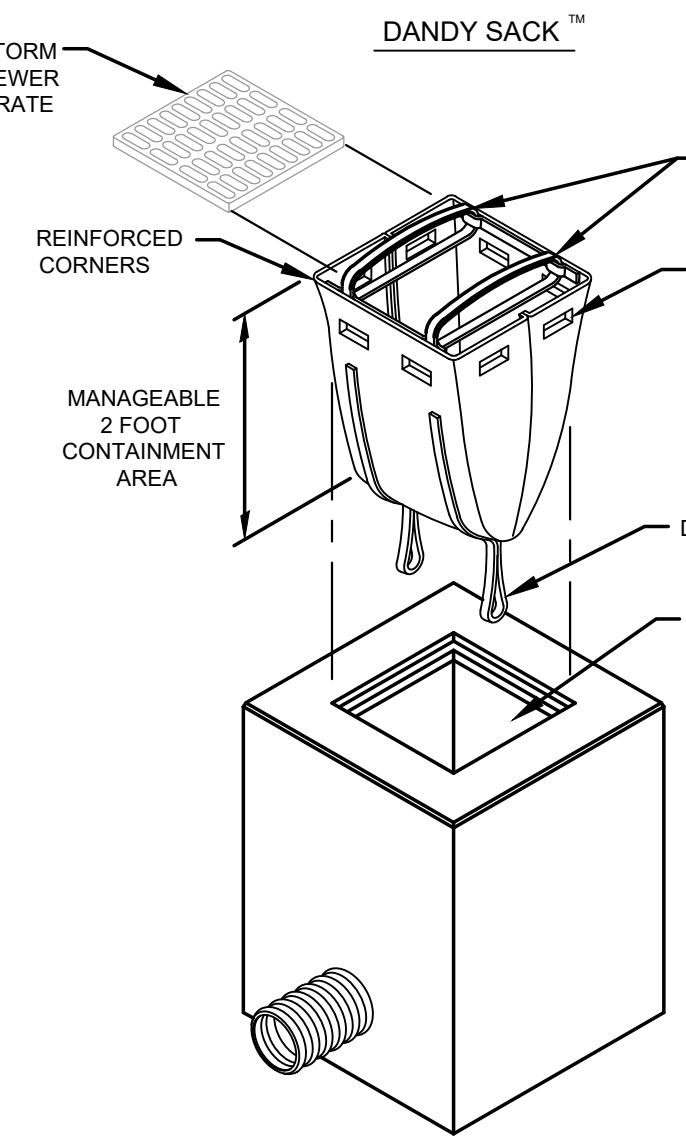
NOTE: TRENCH OPTION IS MOST APPLICABLE IN LOOSE, UNCONSOLIDATED SOILS.
1. 1/2" X 1/2" X 3/8" WOODEN STAKES ARE RECOMMENDED FOR 6" 1/2" AND 12" SEDIMENT LOGS.
1. 1/2" X 1/2" X 4/8" WOODEN STAKES ARE RECOMMENDED FOR 20" SEDIMENT LOGS.

STAKE DETAIL (NO TRENCH)
N.T.S.

STAKE DETAIL (WITH TRENCH)
N.T.S.



POND SKIMMER DETAIL
N.T.S.



DANDY SACK™ SPECIFICATIONS

NOTE: THE DANDY SACK™ WILL BE MANUFACTURED IN THE U.S.A. FROM A WOVEN MONOFILAMENT FABRIC THAT MEETS OR EXCEEDS THE FOLLOWING SPECIFICATIONS:

REGULAR FLOW DANDY SACK™ (BLACK)

Mechanical Properties	Test Method	Units	MARV
Grab Tensile Strength	ASTM D 4832	kN (lbs)	1.78 (400) X 1.40 (315)
Grab Tensile Elongation	ASTM D 4832	%	15 X 15
Puncture Strength	ASTM D 4833	kN (lbs)	0.67 (150)
Mullen Burst Strength	ASTM D 3786	kPa (psi)	5506 (800)
Trapezoid Tear Strength	ASTM D 4833	kN (lbs)	0.67 (150) X 0.73 (165)
UV Resistance	ASTM D 4355	%	90
Apparent Opening Size	ASTM D 4751	Mm (US Std Sieve)	0.425 (40)
Flow Rate	ASTM D 4491	l/min/ft ² (gal/min/ft ²)	2852 (70)
Permeability	ASTM D 4491	Sec	0.90

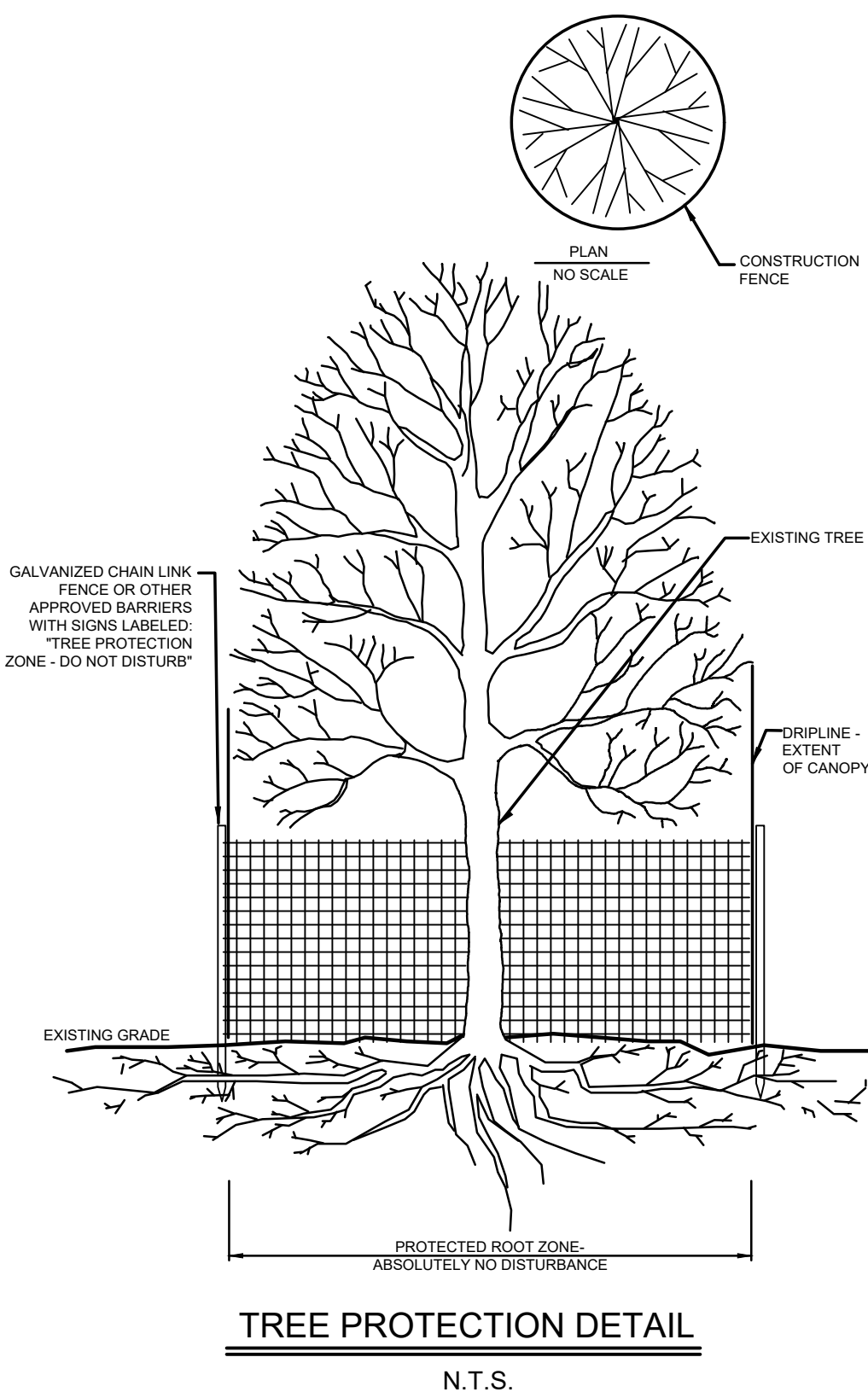
HI-FLOW DANDY SACK™ (SAFETY ORANGE)

Mechanical Properties	Test Method	Units	MARV
Grab Tensile Strength	ASTM D 4832	kN (lbs)	1.62 (365) X 0.89 (200)
Grab Tensile Elongation	ASTM D 4832	%	24 X 10
Puncture Strength	ASTM D 4833	kN (lbs)	0.40 (90)
Mullen Burst Strength	ASTM D 3786	kPa (psi)	3097 (445)
Trapezoid Tear Strength	ASTM D 4833	kN (lbs)	0.51 (115) X 0.33 (75)
UV Resistance	ASTM D 4355	%	90
Apparent Opening Size	ASTM D 4751	Mm (US Std Sieve)	0.425 (40)
Flow Rate	ASTM D 4491	l/min/ft ² (gal/min/ft ²)	5907 (145)
Permeability	ASTM D 4491	Sec	2.1

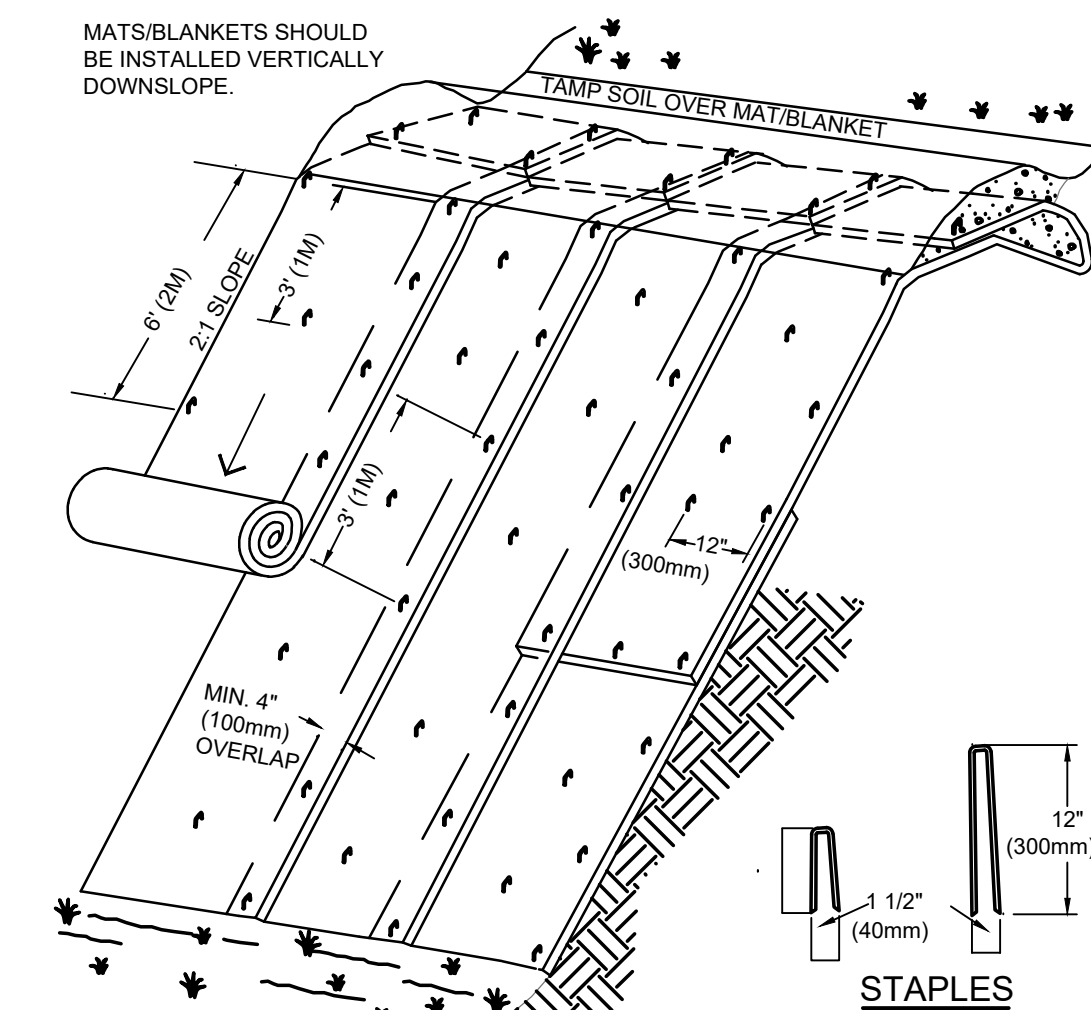
*Note: All Dandy Sacks™ can be ordered with our optional oil absorbent pillows

DANDY SACK INLET PROTECTION

N.T.S.



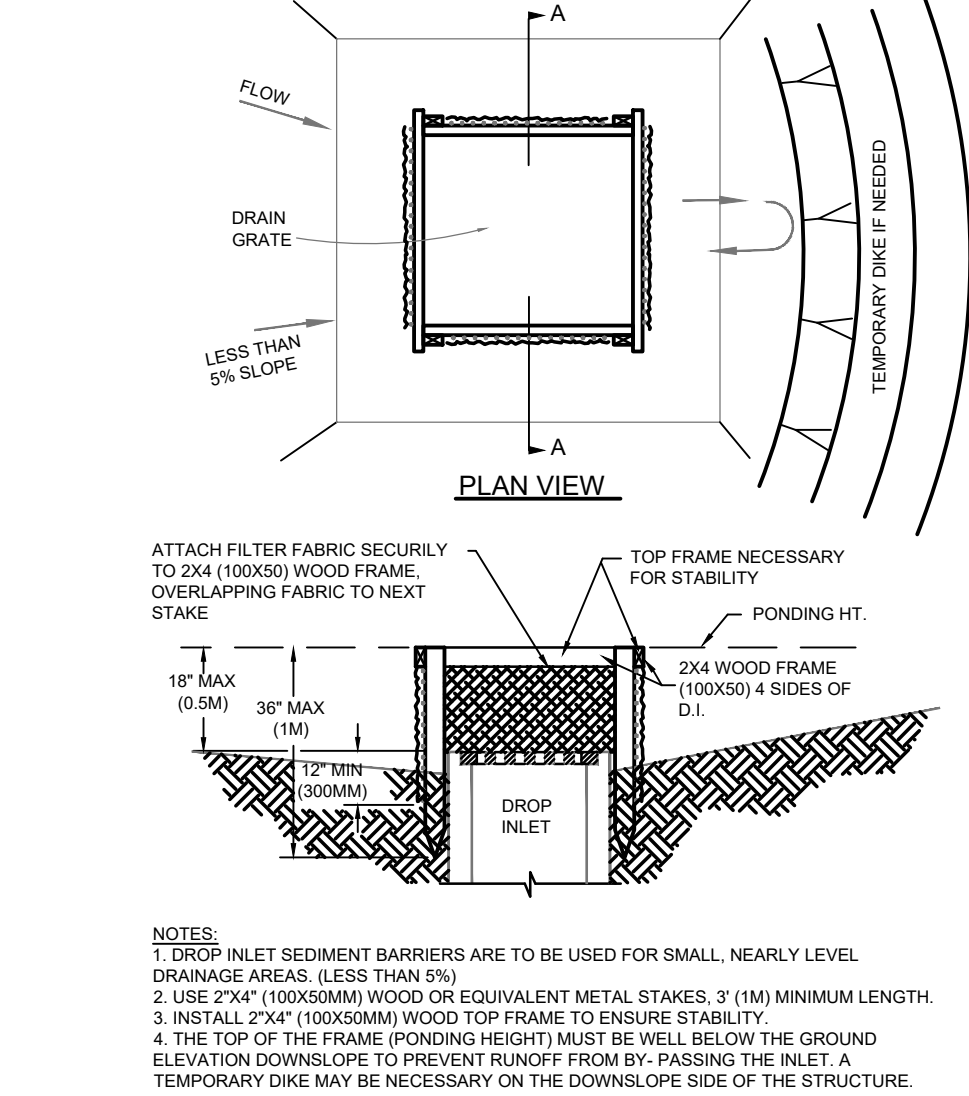
TREE PROTECTION DETAIL
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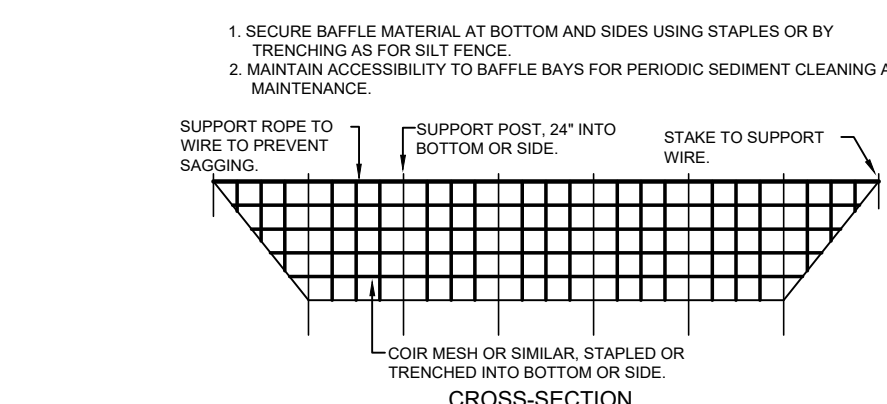
TYPICAL SLOPE SOIL STABILIZATION

NOTES:
1. SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS AND GRASS. MATS/BLANKETS SHALL HAVE GOOD SOIL CONTACT.
2. APPLY PERMANENT SEEDING BEFORE PLACING BLANKETS.
3. LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.
4. BLANKETS SHALL BE NORTH AMERICAN GREEN PRODUCT NO. SC150 OR APPROVED EQUAL.

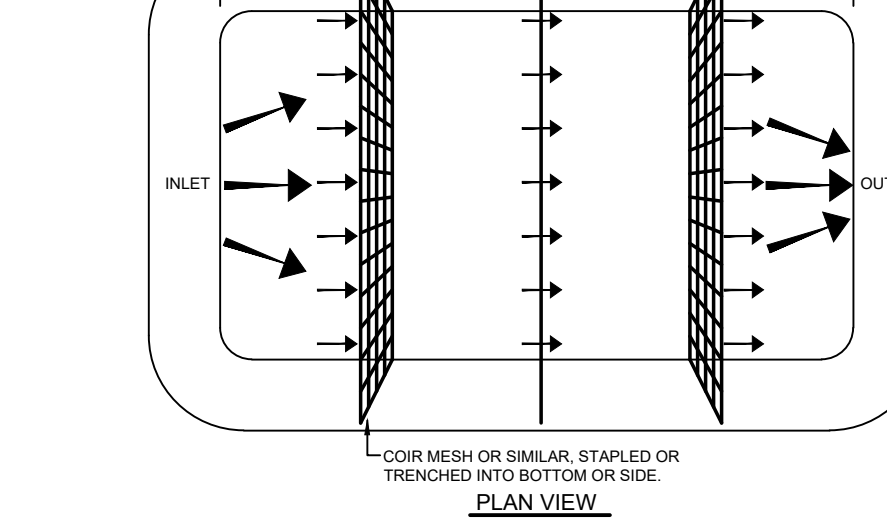
EROSION BLANKETS & TURF REINFORCEMENT MATS SLOPE INSTALLATION
N.T.S.



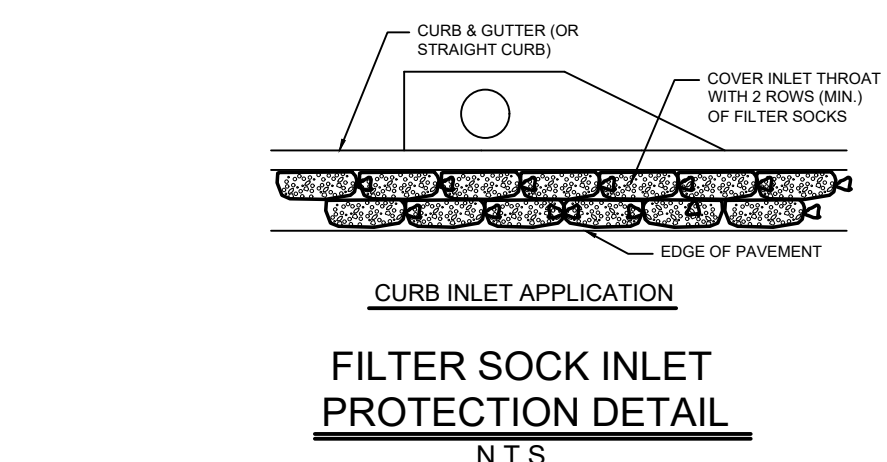
FABRIC DROP INLET SEDIMENT BARRIER
N.T.S.



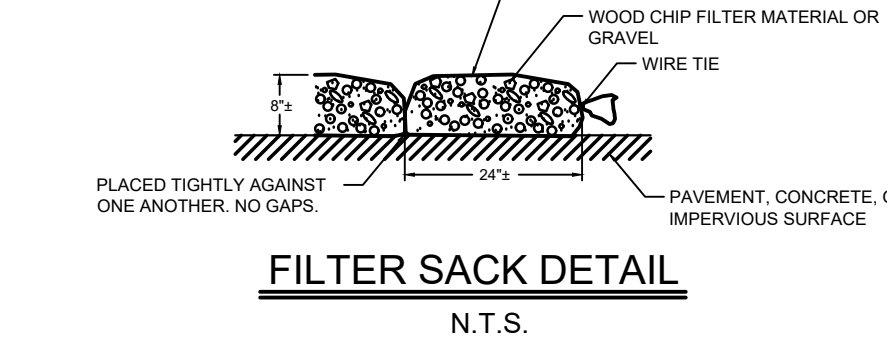
POROUS BAFFLE DETAIL
N.T.S.



CURB INLET APPLICATION



FILTER SOCK INLET PROTECTION DETAIL
N.T.S.



FILTER SACK DETAIL
N.T.S.

GMC

2400 5th Avenue S, Suite 200
Birmingham, AL 35233
T 205.879.4462
GMCNETWORK.COM

ISSUE DATE
ISSUE FOR BID 08/20/2026

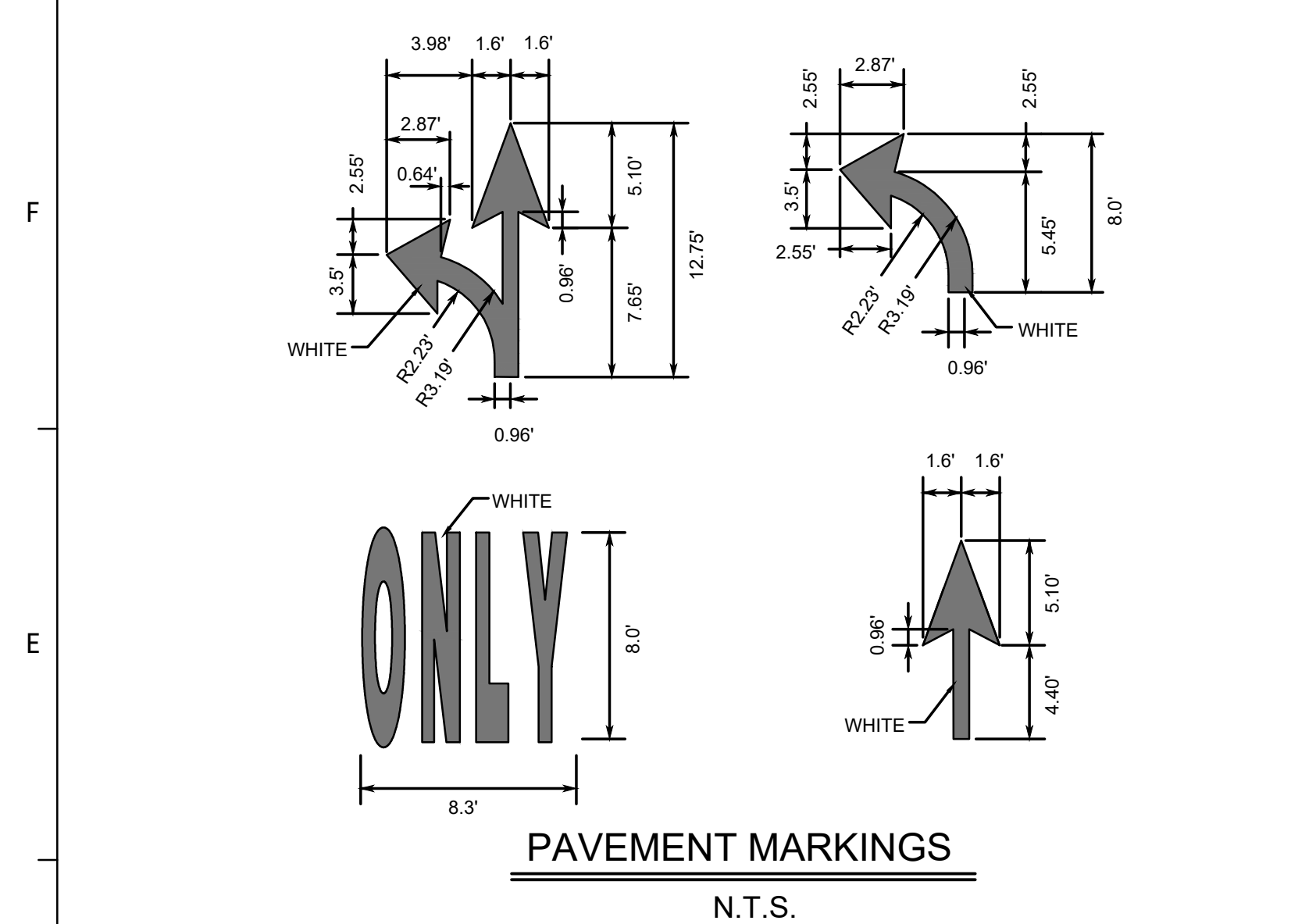
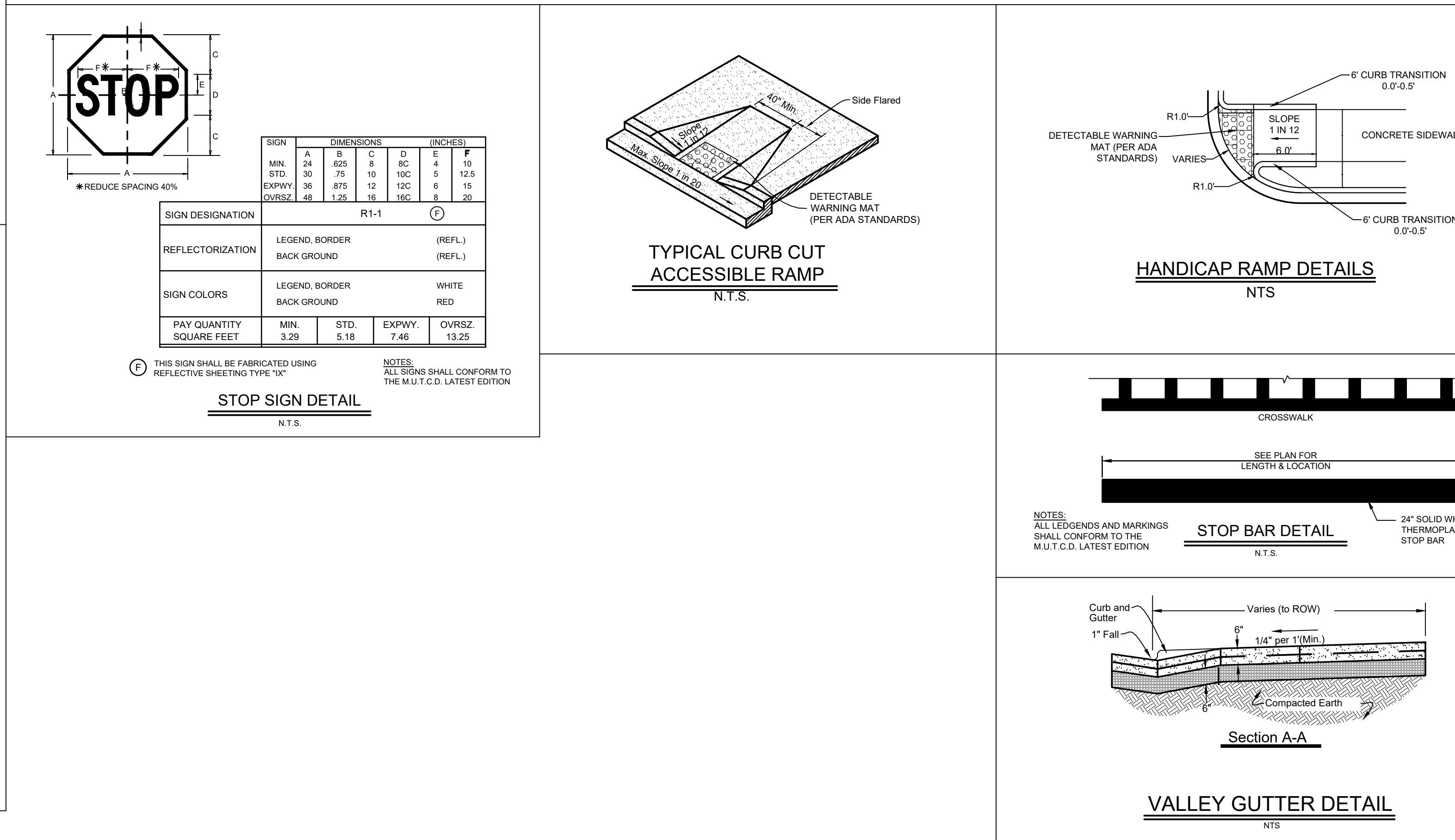
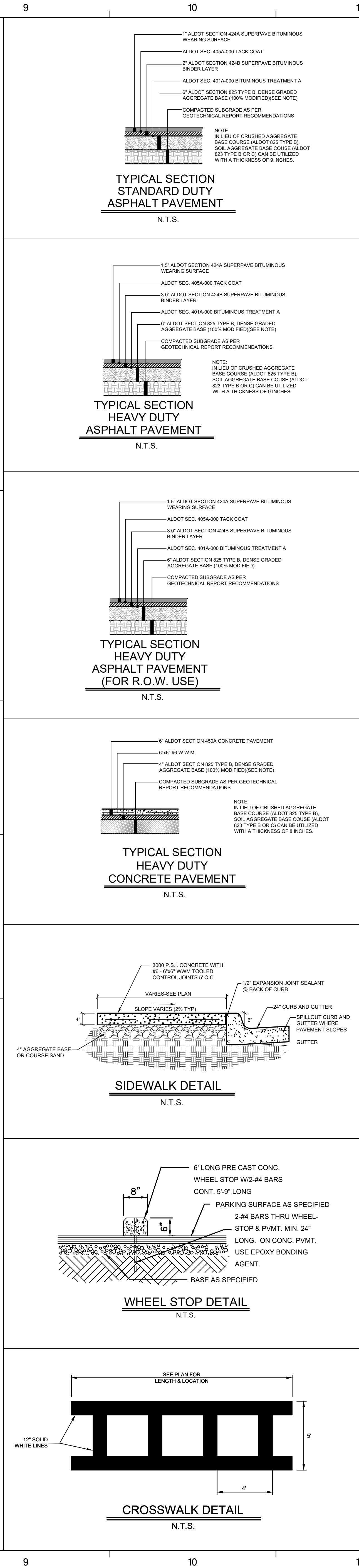
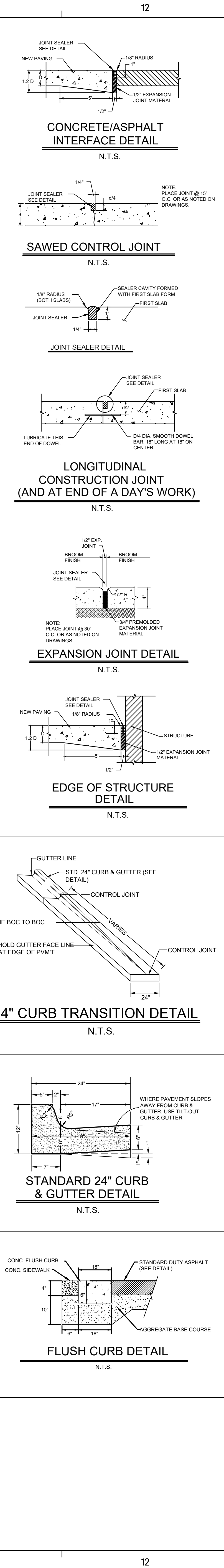
HOUSTON COUNTY
DEPARTMENT OF HUMAN RESOURCES
DOTHAN, ALABAMA

EROSION AND
SEDIMENTATION
CONTROL DETAILS

GMC Project # ABHM250019

C-901
Sheet of

8/20/2026



DRAWING FILE: T:\Projects\Alabama Dept of Human Resources\GCM250019 - Houston Co.DPR\DWG\PLAN\DWG\15-SHETS C-901 Detail.dwg
PLOT 100, Aug 20, 2025 - 2:01pm

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E

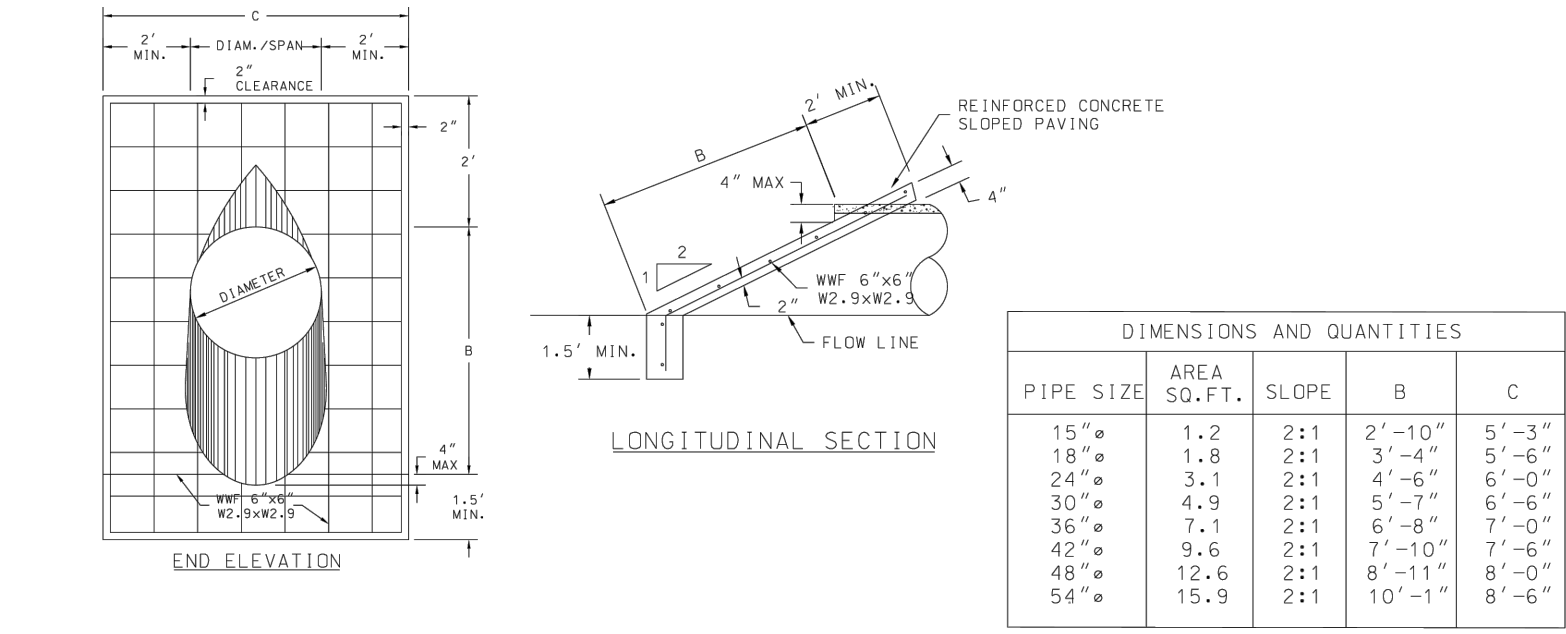
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HOUSTON COUNTY ROAD AND BRIDGE DEPARTMENT SLOPE PAVED HEADWALL SPECIFICATIONS FOR DRIVEWAY PIPE INSTALLATIONS

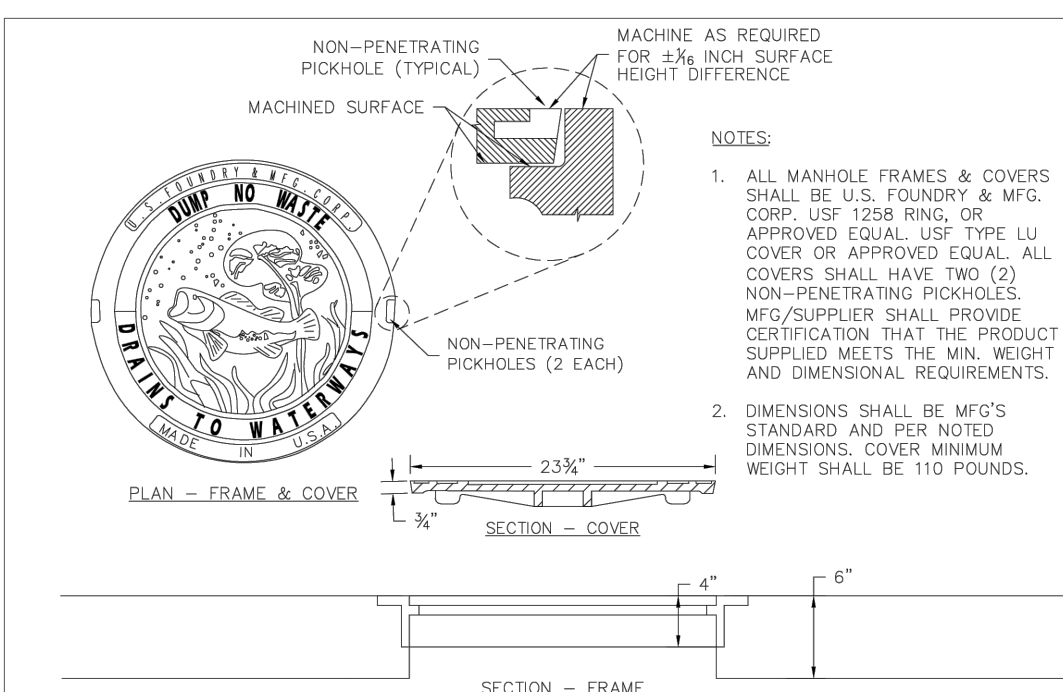


NOTES:
1. THE FILL IS TO BE PLACED AND ALL SHOULDER REMOVED BEFORE THE SLOPE PAVING IS PLACED.
2. CONTRACTOR IS RESPONSIBLE FOR ALL MATERIALS INCLUDING A MINIMUM OF 1" TOP OF COVER OVER PIPE.
3. ALL EXISTING PIPES SHALL HAVE 12" MIN. COVER AND BE REMOVED OR REINFORCED AFTER COMPLETION OF PIPE INSTALLATION. MUST BE COMPLETED BY CONTRACTOR.
4. CONTRACTOR SHALL FILL THROUGH MATERIALS, WEARS OR OTHER APPROVED DEVICES THAT CONNECTION BETWEEN EXISTING PIPE AND COVER. ALL SHALL NOT BE REINFORCED.
5. REINFORCEMENTS THAT ARE NOT RECEIVING ASPHALT OR CONCRETE SHALL HAVE COVER ADD TO ROW LINE.
6. FOR UNREINFORCED PIPES, WITH TWO INCHES CAN BE USED IN LIEU OF A CONCRETE HEADWALL.
7. THE QUANTITIES IN THE TABLE ABOVE INCLUDE TWO (2) SLOPE PAVED HEADWALLS WITH TWO WALLS.

LOCATION: _____
CONTRACTOR: _____
PROJECT: _____
SIGNATURE: _____
DATE: _____
PERMIT: IND-1

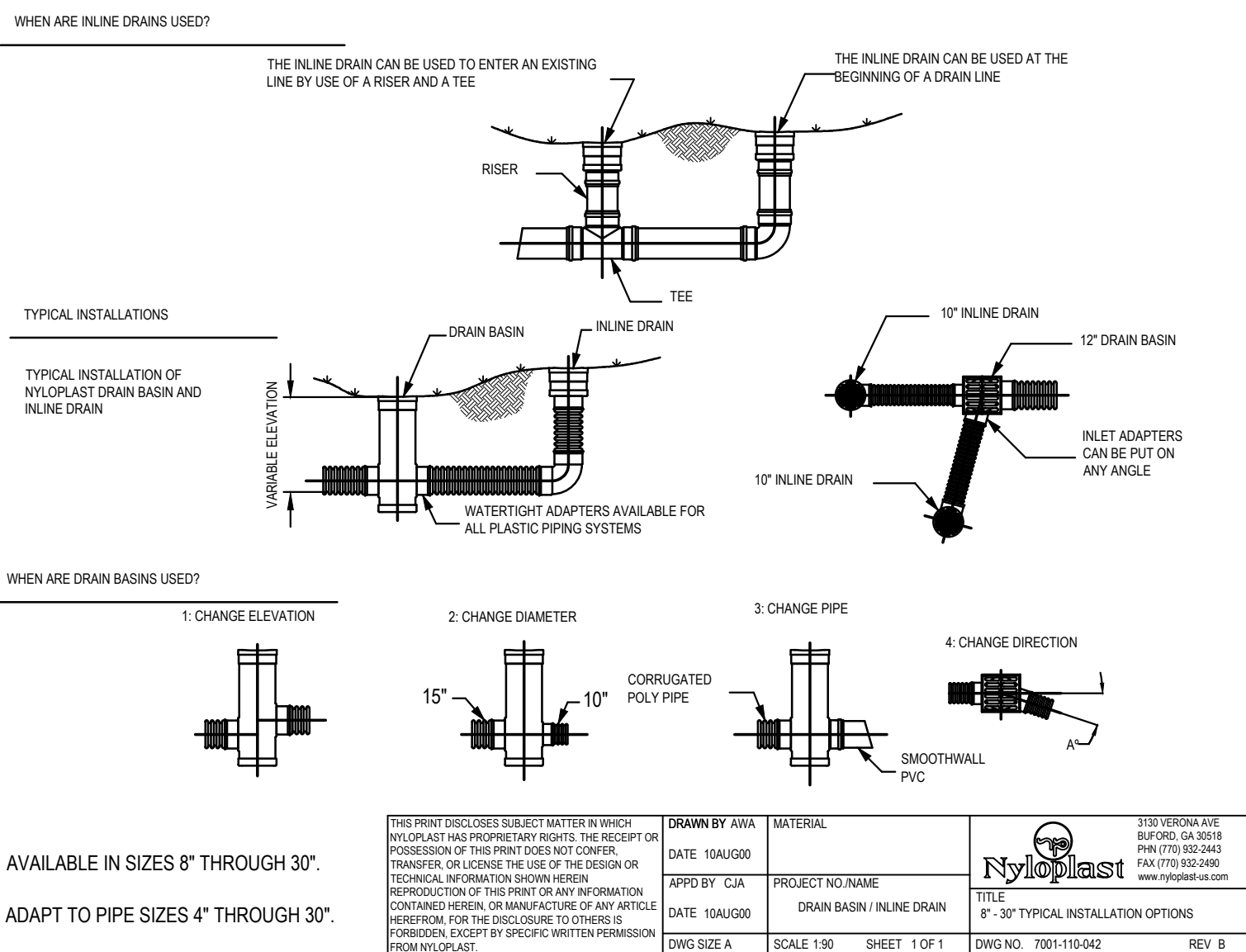
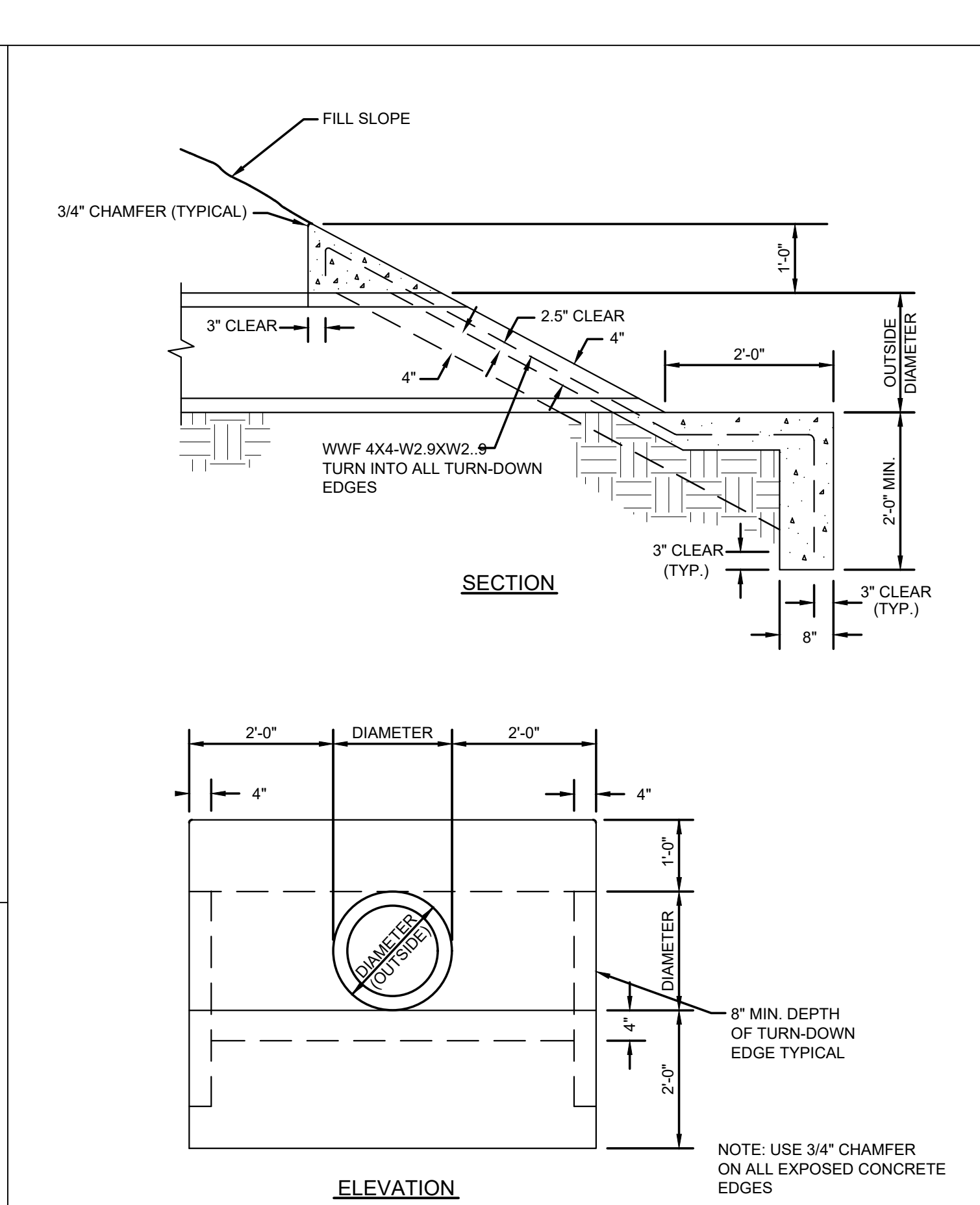
CONCRETE SLOPED PAVED HEADWALL (FOR R.O.V. USE)

N.T.S.



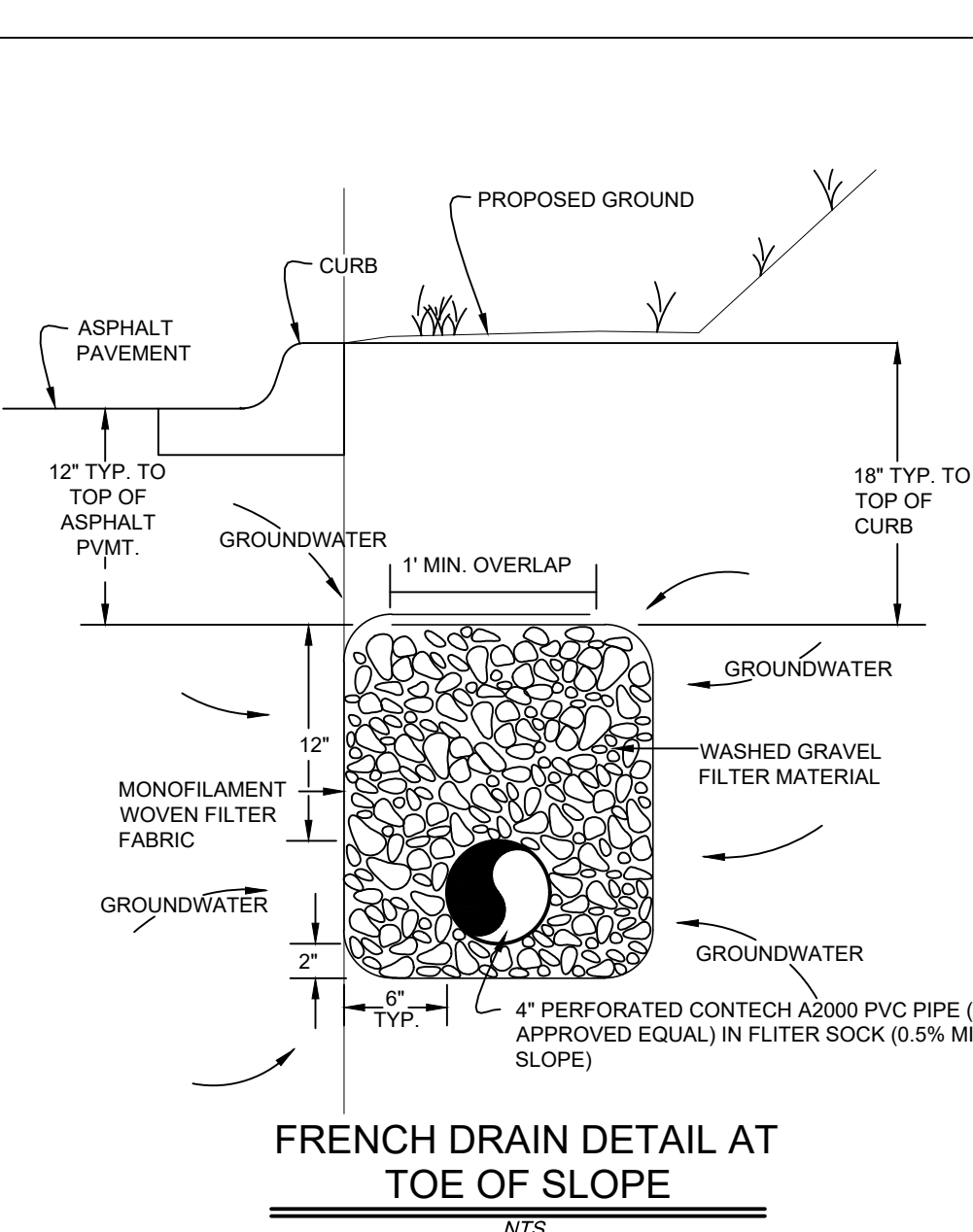
CITY OF DOTHAN STANDARD STORM MANHOLE FRAME & COVER

N.T.S.



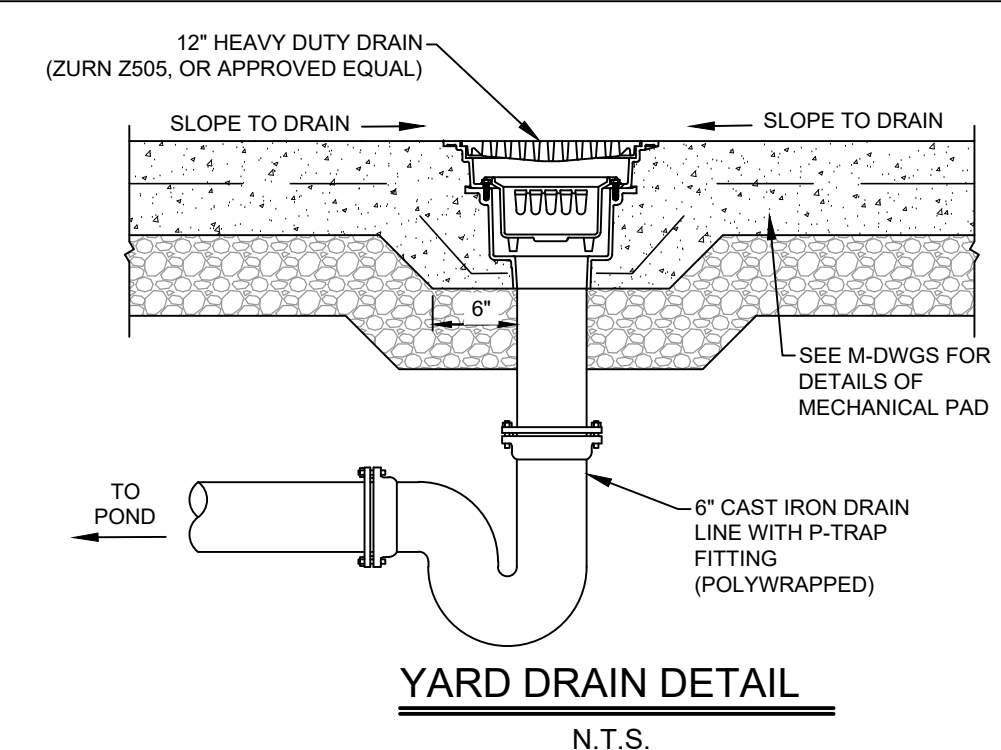
CONCRETE SLOPED PAVED HEADWALL (FOR USE OUTSIDE R.O.V.)

N.T.S.



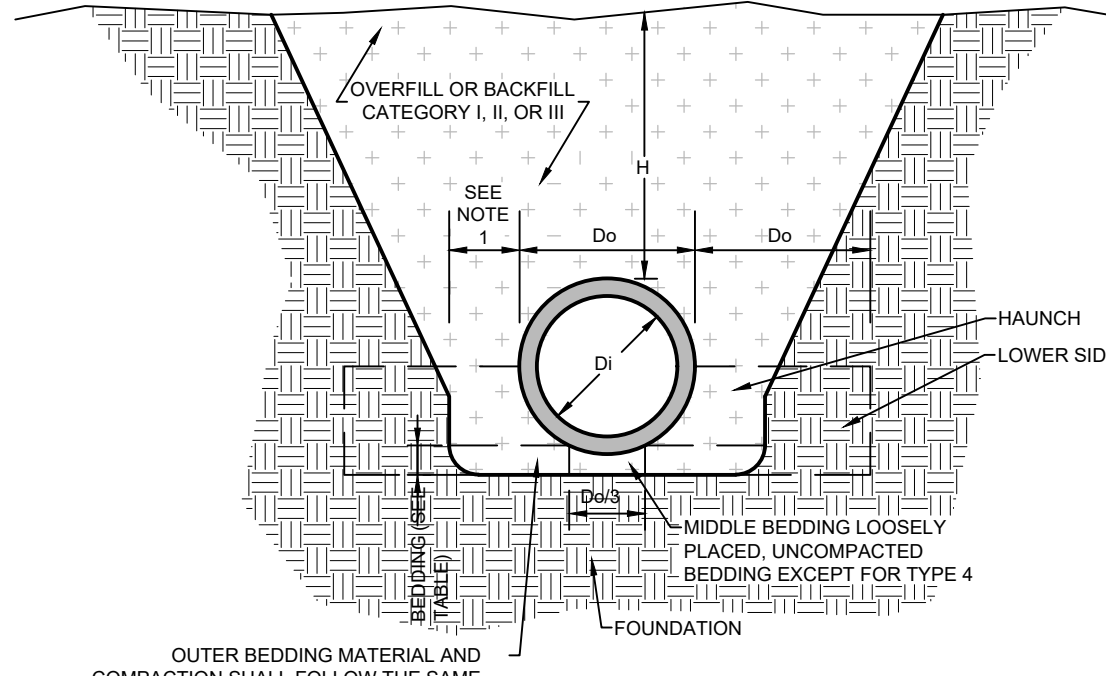
FRENCH DRAIN DETAIL AT TOE OF SLOPE

N.T.S.



YARD DRAIN DETAIL

N.T.S.



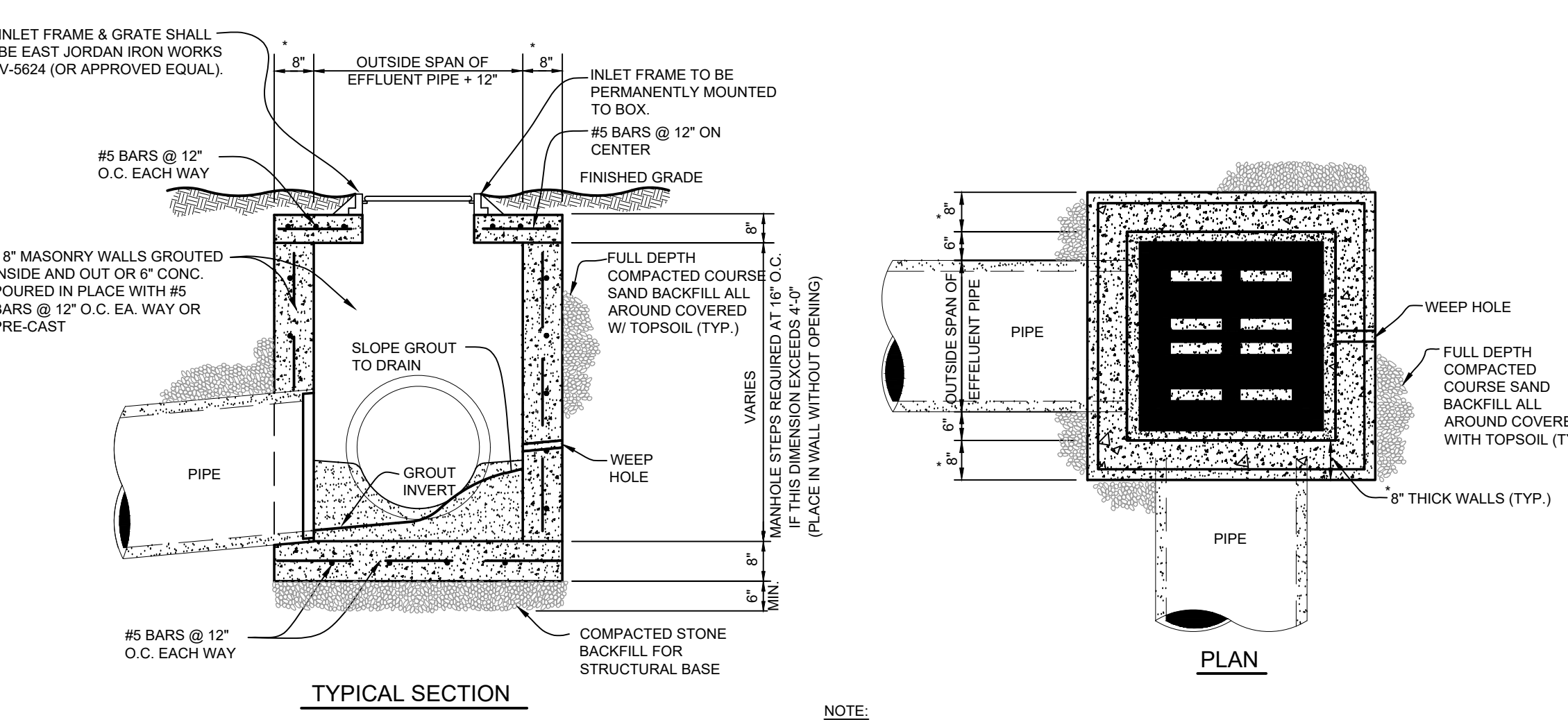
NOTES:
1. CLEARANCE BETWEEN PIPE AND TRENCH WALL SHALL BE EQUAL TO D_o OR 12" MINIMUM.
2. COMPACTION AND SOIL SYMBOLS, IE 95% CATEGORY I, REFER TO A SOIL MATERIAL CATEGORY WITH A MINIMUM STANDARD PROCTOR DENSITY.
3. WHEN THE TRENCH WIDTH SPECIFIED MUST BE EXCEEDED, THE ENGINEER SHALL BE NOTIFIED.
4. THE TRENCH WIDTH SHALL BE WIDER THAN SHOWN IF REQUIRED FOR ADEQUATE SPACE TO ATTAIN THE SPECIFIED COMPACTION IN THE HAUNCH AND BEDDING ZONES.
5. EMBANKMENT LOADING SHALL BE USED WHEN TRENCH WALLS CONSIST OF EMBANKMENT UNLESS THE GEOTECH REPORT STATES THAT THE SOIL IN THE TRENCH WALLS IS COMPACTED TO A HIGHER LEVEL THAN THE SOIL IN THE BACKFILL ZONE.
6. REQUIRED BEDDING THICKNESS IS THE THICKNESS OF THE BEDDING PRIOR TO THE PLACEMENT OF PIPE.
7. "JUMPED" MATERIAL WITHOUT ADDITIONAL COMPACTION EFFORT WILL NOT PROVIDE THE DESIGN HAUNCH SUPPORT REQUIRED FOR TYPE I AND TYPE 2 INSTALLATIONS AND IT SHOULD BE CHECKED FOR TYPE 1 INSTALLATIONS.
8. SOIL CLASSIFICATION AND COMPACTION REQUIREMENTS SHALL FOLLOW THE PROVIDED TABLES UNLESS OTHERWISE NOTED IN THE PROJECT GEOTECH REPORT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE HIMSELF WITH THE GEOTECH REPORT FOR ANY DISCREPANCIES.
9. PIPE BEDDING DETAILS ARE FOR RCP PIPES ONLY. THE INSTALLATIONS OF OTHER TYPES OF PIPES (SUCH AS ULTRALOC, HOPE, PVC, ETC.) SHALL BE INSTALLED AS PER THE MANUFACTURER'S STANDARDS AND SPECIFICATIONS.

SOIL AND MINIMUM COMPACTION REQUIREMENTS

INSTALLATION TYPE	BEDDING THICKNESS	HAUNCH AND OUTER BEDDING	LOWER SIDE
TYPE 1	D _o +24 MINIMUM, NOT LESS THAN 3 IN. IF ROCK FOUNDATION, USE D _o +12 MINIMUM, NOT LESS THAN 6 IN.	95% CATEGORY I	UNDISTURBED NATURAL SOIL WITH FIRMNESS EQUIVALENT TO THE FOLLOWING PLACED SOILS: 85% CATEGORY I, 85% CATEGORY II, OR 100% CATEGORY III, OR EMBANKMENT TO THE SAME REQUIREMENTS.
TYPE 2	D _o +24 MINIMUM, NOT LESS THAN 3 IN. IF ROCK FOUNDATION, USE D _o +12 MINIMUM, NOT LESS THAN 6 IN.	90% CATEGORY I OR 95% CATEGORY II	UNDISTURBED NATURAL SOIL WITH FIRMNESS EQUIVALENT TO THE FOLLOWING PLACED SOILS: 85% CATEGORY I, 90% CATEGORY II, OR 95% CATEGORY III, OR EMBANKMENT TO THE SAME REQUIREMENTS.
TYPE 3	D _o +24 MINIMUM, NOT LESS THAN 3 IN. IF ROCK FOUNDATION, USE D _o +12 MINIMUM, NOT LESS THAN 6 IN.	85% CATEGORY I, 90% CATEGORY I OR 95% CATEGORY II	UNDISTURBED NATURAL SOIL WITH FIRMNESS EQUIVALENT TO THE FOLLOWING PLACED SOILS: 85% CATEGORY I, 90% CATEGORY II, OR 95% CATEGORY III, OR EMBANKMENT TO THE SAME REQUIREMENTS.
TYPE 4	NO BEDDING REQUIRED, EXCEPT IF ROCK FOUNDATION, USE D _o +12 MINIMUM, NOT LESS THAN 6 IN.	NO COMPACTION REQUIRED, EXCEPT IF CATEGORY III, USE 85% CATEGORY III	NO COMPACTION REQUIRED, EXCEPT IF CATEGORY III, USE 85% CATEGORY III.

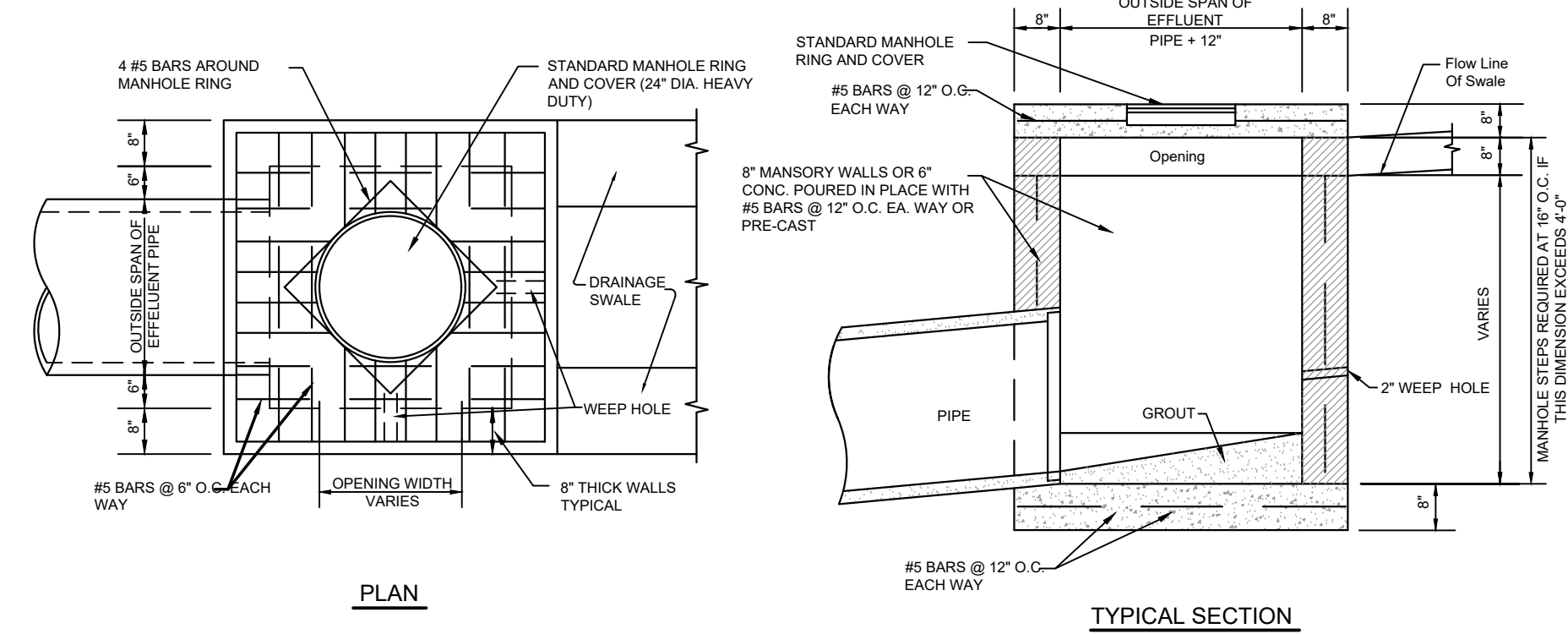
PIPE BEDDING DETAIL

N.T.S.



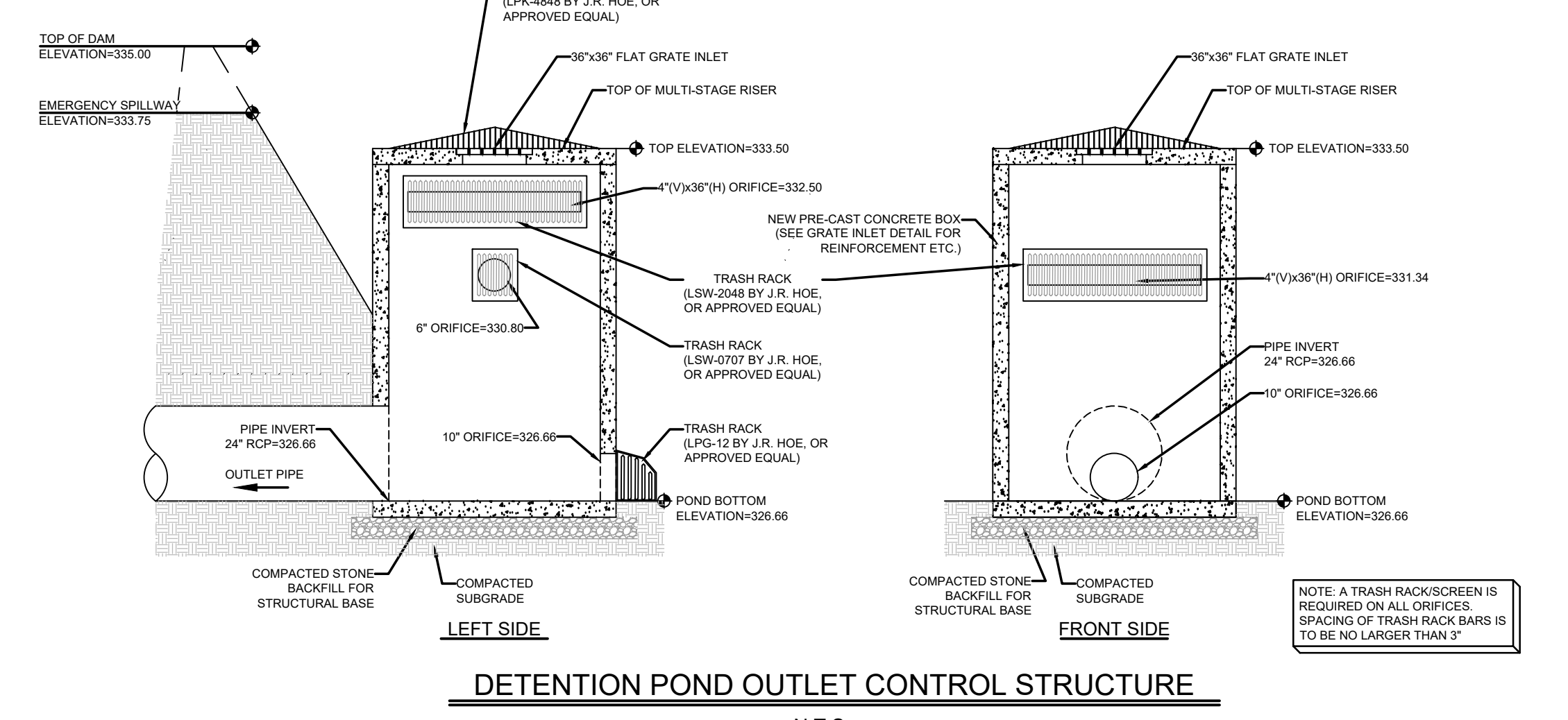
STANDARD FLAT GRATE INLET DETAIL

N.T.S.



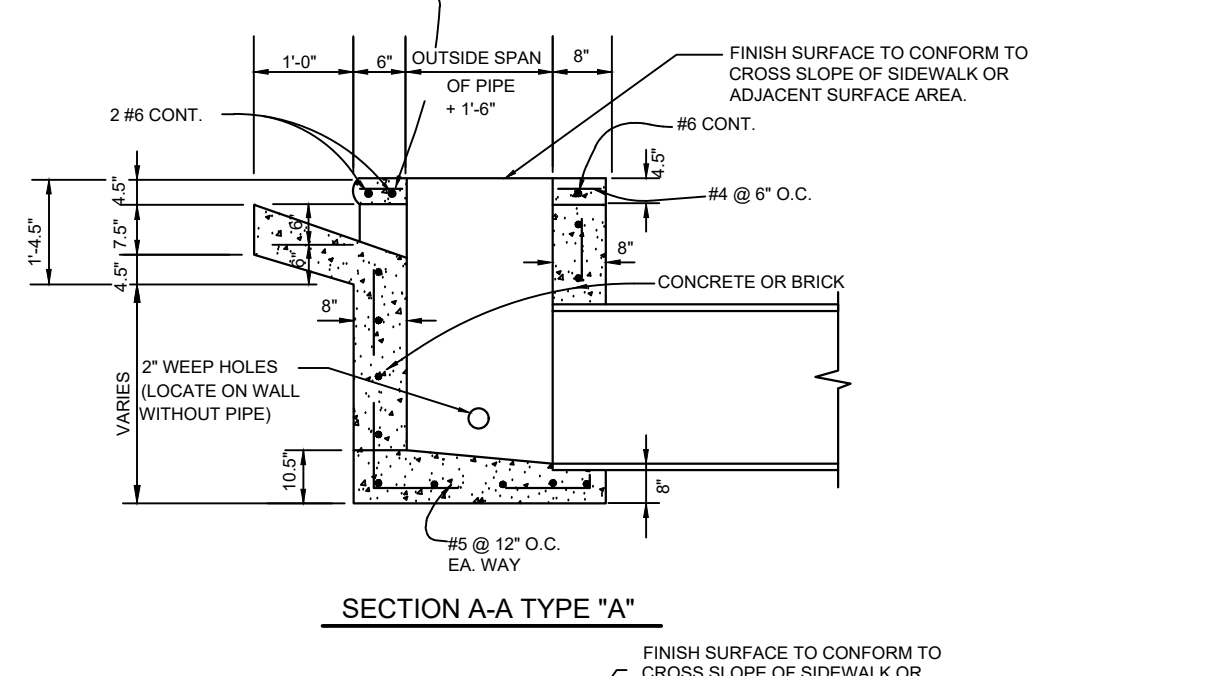
STANDARD YARD INLET DETAIL

N.T.S.

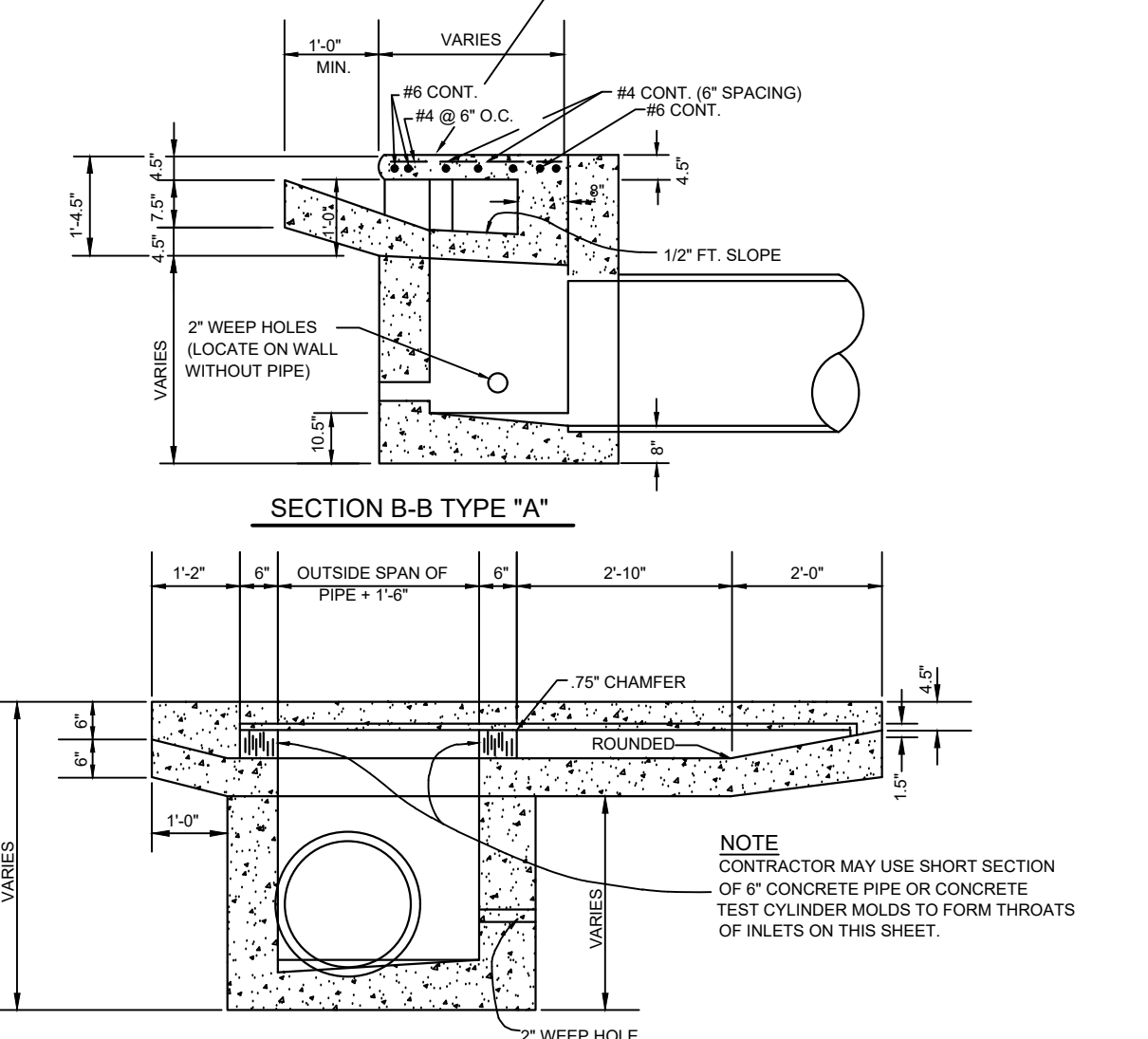


DETENTION POND OUTLET CONTROL STRUCTURE

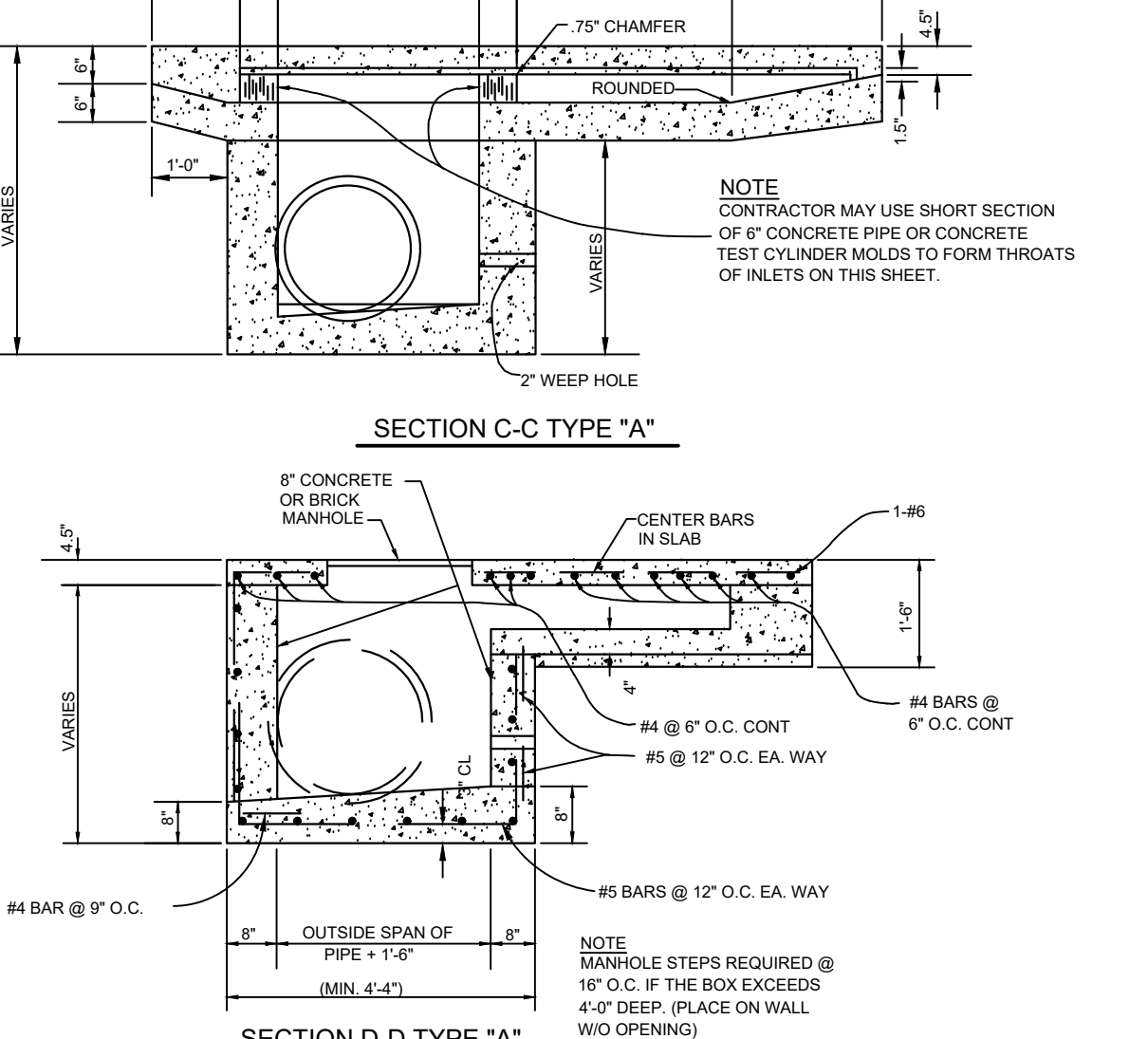
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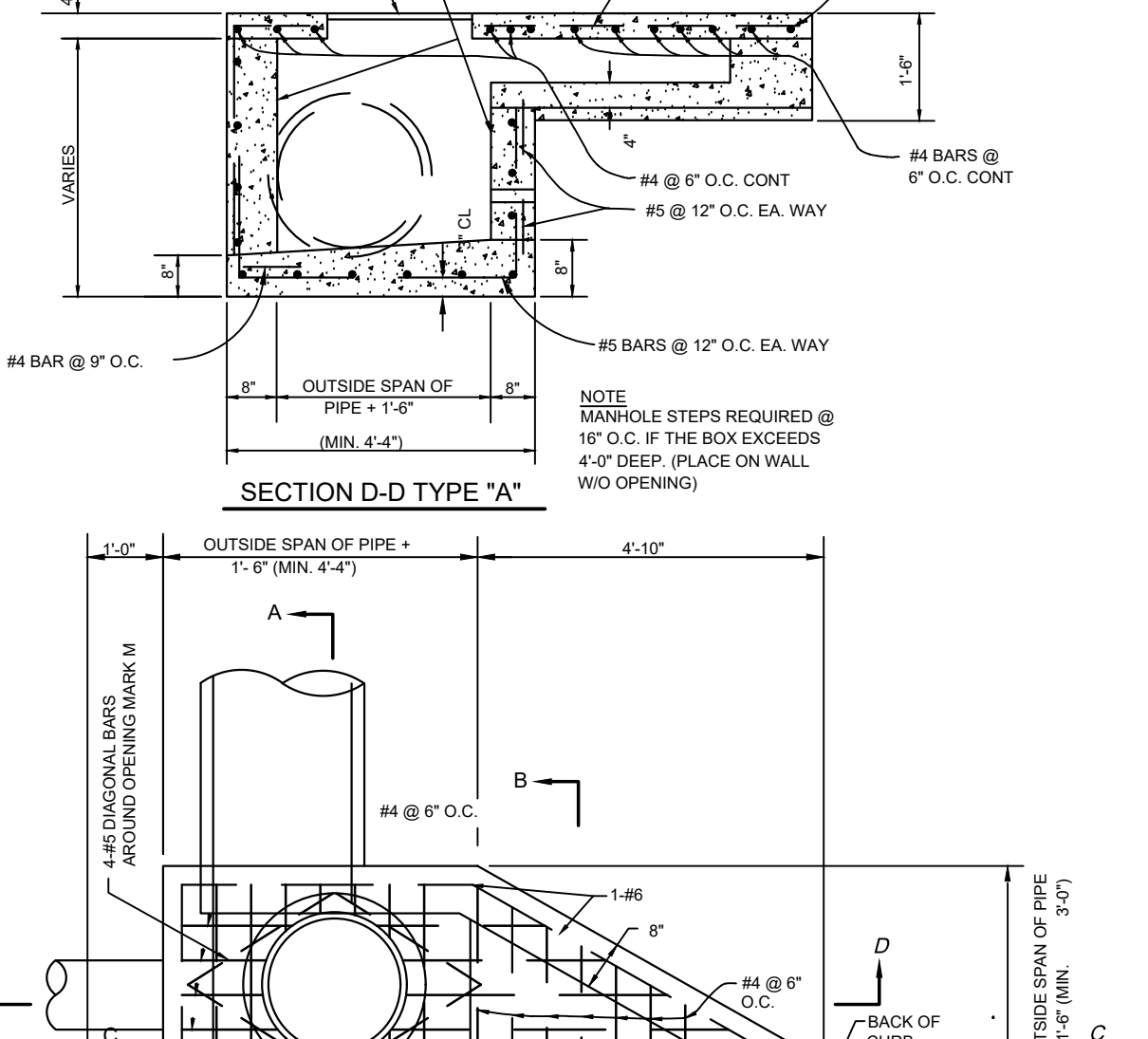
SECTION A-A TYPE "A"



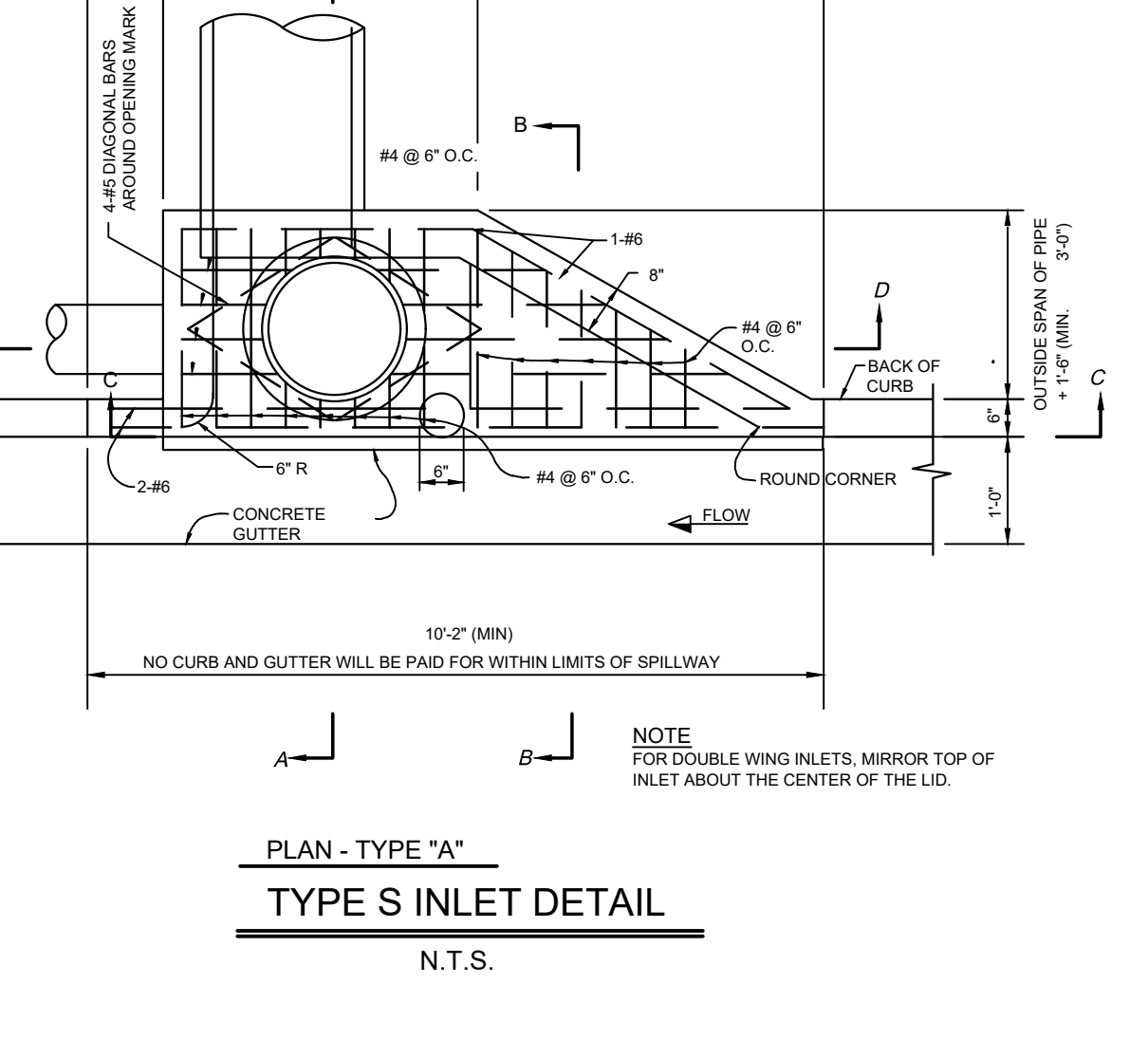
SECTION B-B TYPE "A"



SECTION C-C TYPE "A"



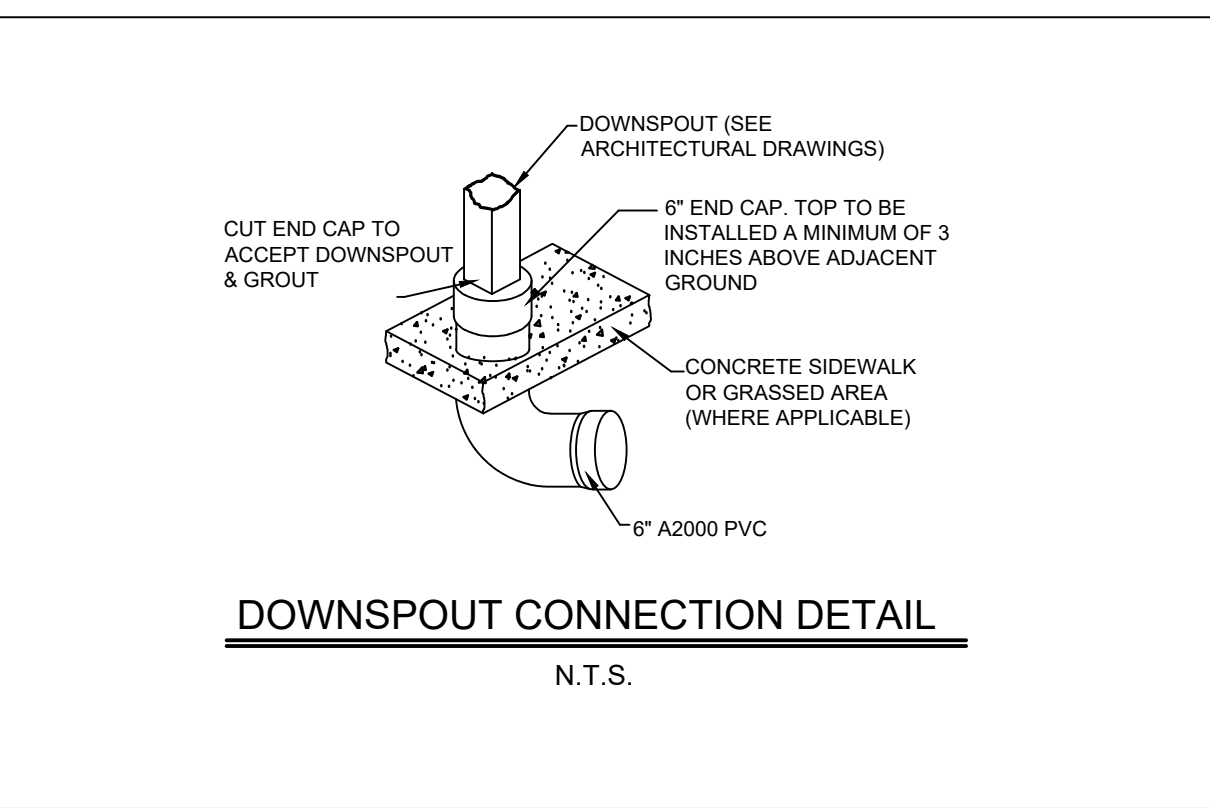
SECTION D-D TYPE "A"



PLAN - TYPE "A"

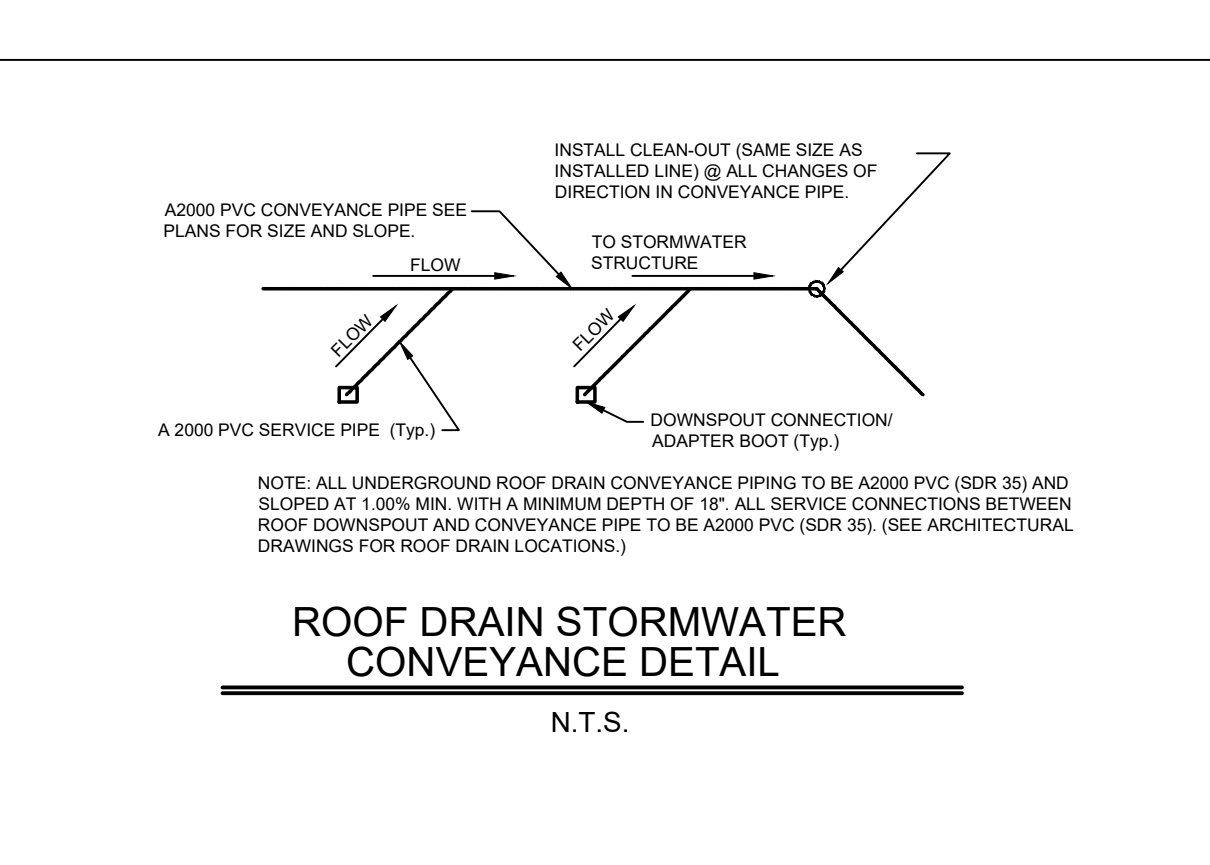
TYPE S INLET DETAIL

N.T.S.



DOWNSPOUT CONNECTION DETAIL

N.T.S.



ROOF DRAIN STORMWATER CONVEYANCE DETAIL

N.T.S.



HOUSTON COUNTY
DEPARTMENT OF HUMAN RESOURCES
DOOTHAN, ALABAMA

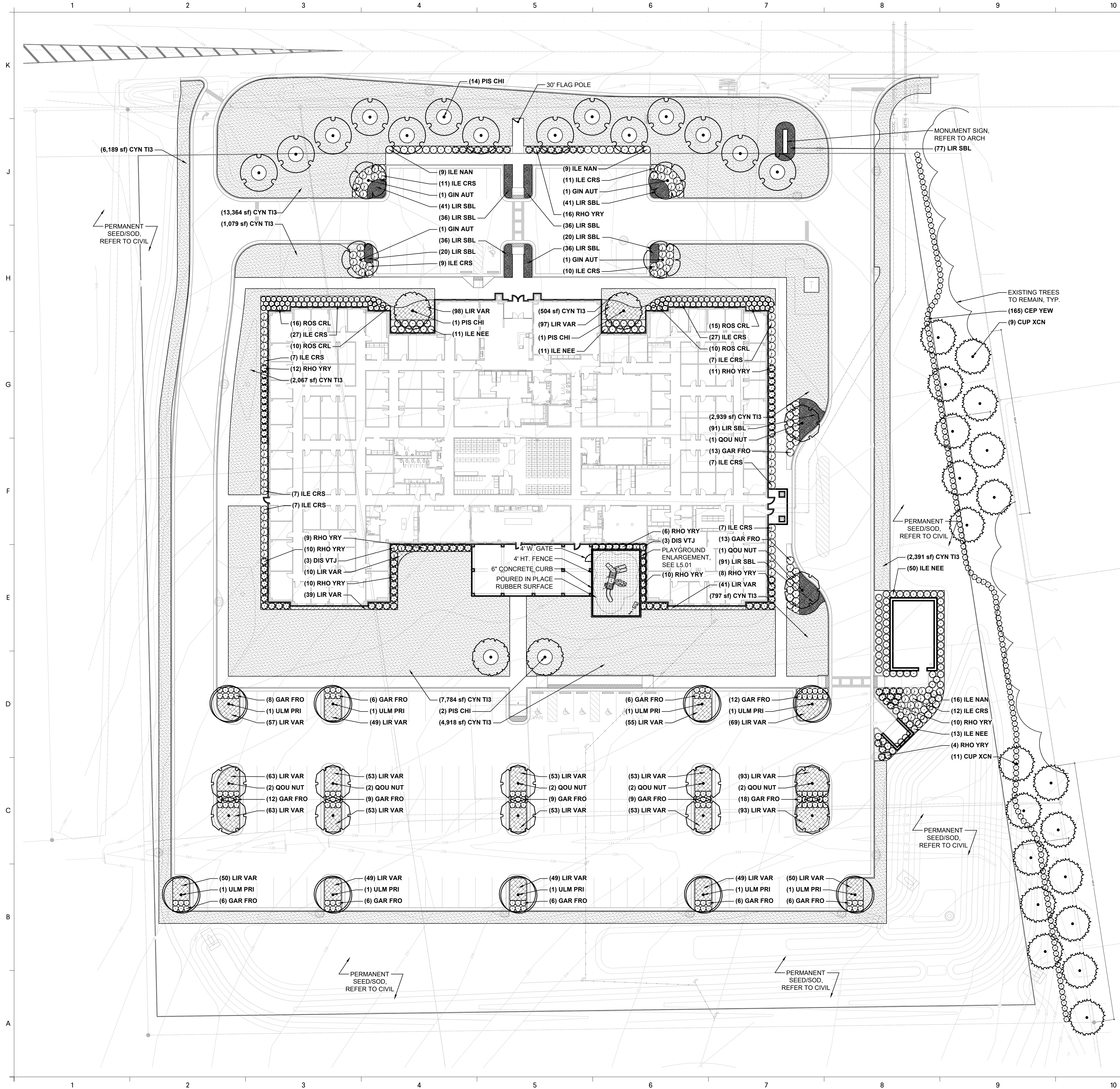
DRAINAGE DETAILS

GMC Project # ABHM250019

C-903

2400 5th Avenue S, Suite 200
Birmingham, AL 35233
T 205.879.4462
GMCNETWORK.COM

GMC



PLANT SCHEDULE

CODE	BOTANICAL NAME	COMMON NAME
TREES		
CUP XCN	CUPRESSUS X LEYLANDII	LEYLAND CYPRESS
GIN AUT	GINKGO BILOBA 'AUTUMN GOLD'	AUTUMN GOLD MAIDENHAIR TREE
PIS CHI	PISTACIA CHINENSIS	CHINESE PISTACHE
QOU NUT	QUERCUS NUTTALLII	NUTTALL OAK
ULM PRI	ULMUS AMERICANA 'PRINCETON'	PRINCETON AMERICAN ELM
SHRUBS		
CEP YEW	CEPHALOTAXUS HARRINGTONIA 'PLANIA'	YEWTOPIA® PLUM YEW
DIS VTJ	DISTYLUM X 'VINTAGE JADE'	FIRST EDITIONS® VINTAGE JADE DISTYLUM
GAR FRO	GARDENIA JASMINOIDES 'FROSTPROOF'	FROSTPROOF GARDENIA
ILE CRS	ILEX CORNUTA 'CARISSA'	CARISSA CHINESE HOLLY
ILE NEE	ILEX CORNUTA 'NEEDLEPOINT'	NEEDLEPOINT CHINESE HOLLY
ILE NAN	ILEX VOMITORIA 'NANA'	DWARF YAUPON HOLLY
RHO YRY	RHODODENDRON X 'ROBLEX'	AUTUMN LILY® ENCORE® AZALEA
ROS CRL	ROSA X 'CORAL DRIFT'	CORAL DRIFT ROSE
GROUND COVERS		
CYN TI3	CYNODON DACTYLON 'TIF 419'	TIF 419 BERMUDA GRASS
LIR SBL	LIRIOPE MUSCARI 'SUPER BLUE'	SUPER BLUE LILYTURF
LIR VAR	LIRIOPE MUSCARI 'VARIEGATA'	VARIEGATED LILYTURF

NOTES

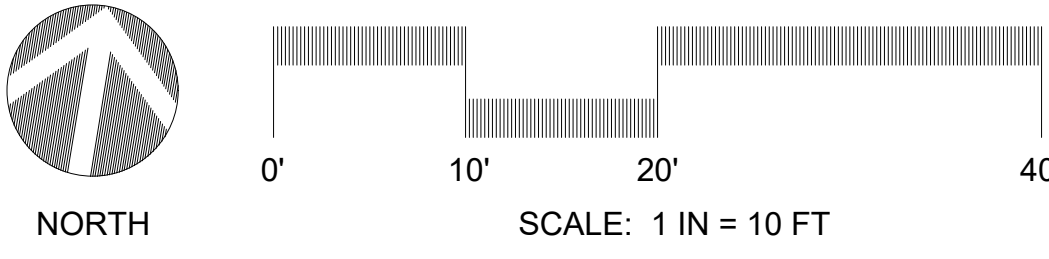
- CONTRACTOR SHALL HAND WATER ALL PLANT MATERIAL AND SOD DURING CONSTRUCTION UNTIL SUBSTANTIAL COMPLETION HAS BEEN ACHIEVED.
- CONTRACTOR IS TO PROVIDE ALL TREES WITH SLOW RELEASE WATER BAGS. WATER BAGS ARE TO BE CONSISTENTLY FILLED DURING CONSTRUCTION SO THAT THE TREES WILL HAVE WATER AT ALL TIMES. AT THE TIME OF SUBSTANTIAL COMPLETION, CONTRACTOR IS TO MEET ON SITE WITH OWNER OR OWNER'S MAINTENANCE REPRESENTATIVE TO REVIEW THE INSTRUCTIONS AND THE SCHEDULING OF REFILLING THE BAGS. CONTRACTOR SHALL REFILL ALL BAGS AT THE TIME OF SUBSTANTIAL COMPLETION.
- ALL DISTURBED AREAS NOT COVERED BY PLANT MATERIAL OR SOD ARE TO BE SEEDED/SODDED ACCORDING TO CIVIL DRAWINGS. SEE C-DRAWINGS FOR MORE INFORMATION.

SITE FURNISHINGS:

- PETOSKEY TRASH RECEPTACLES BY LANDSCAPE FORMS OR APPROVED EQUAL. 1 TO BE PLACED AT FRONT DOOR, 1 AT SIDE DOOR AND 1 ON THE BACK PATIO.
 - LARCHMONT PICNIC TABLES BY COUNTRY CASUAL OR APPROVED EQUAL. ALL FOUR TABLES ARE TO BE LOCATED ON THE BACK PATIO.
 - 6' LONG WELLSRING BENCHES BY LANDSCAPE FORMS OR APPROVED EQUAL. BOTH BENCHES ARE TO BE LOCATED ON THE BACK PATIO.
- SEE 32 3300 SITE FURNISHING SPECIFICATION FOR DETAILS. ALL SITE FURNISHING LOCATIONS TO BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.

DOTHAN, AL LANDSCAPE REQUIREMENTS:

- PERIMETER:
- 4 TREES & 8 SHRUBS PER 100 LF
 - 348 LF / 100 = 3.48
 - 3.48 x 4 TREES = 13.92 (14) TREES REQ.
 - 3.48 x 8 SHRUBS = 27.84 (28) SHRUBS REQ.
 - 14 TREES PROVIDED
 - 36 SHRUBS PROVIDED
- INTERIOR:
- 1 TREE & 4 SHRUBS PER LANDSCAPE ISLAND
 - 21 LANDSCAPE ISLANDS
 - 21 x 1 TREE = 21 TREES REQ.
 - 21 x 4 SHRUBS = 84 SHRUBS REQ.
 - 23 TREES PROVIDED
 - 160 SHRUBS PROVIDED
- BUFFER:
- 25' WIDE MINIMUM
 - 8 TREES & 30 SHRUBS PER 100 LF
 - 240 LF / 100 = 2.40
 - 2.40 x 8 TREES = 19.2 (20) TREES REQ.
 - 2.40 x 30 SHRUBS = 72 SHRUBS REQ.
 - 20 TREES PROVIDED
 - 165 SHRUBS PROVIDED
- OVERALL SITE:
- 5.47 (6) ACRES
 - 6 x 2 TREES = 12 TREES REQ.
 - 63 TREES PROVIDED

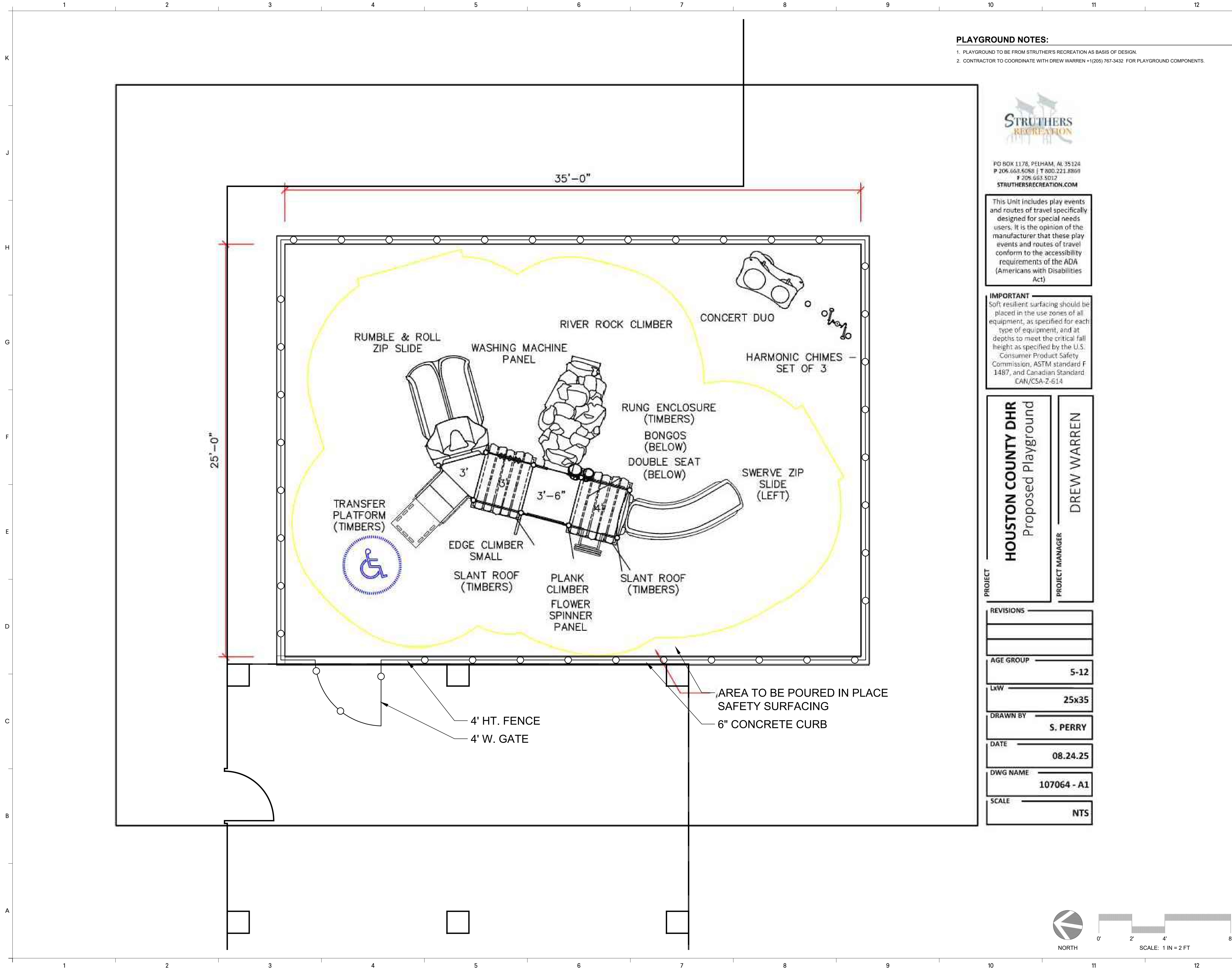


ISSUE	DATE
ISSUE FOR BID	08.20.2026

HOUSTON COUNTY DHR
DOTHAN, ALABAMA

GMC Project #: LBHM250046





PLAYGROUND NOTES:

1. PLAYGROUND TO BE FROM STRUTHER'S RECREATION AS BASIS OF DESIGN.
2. CONTRACTOR TO COORDINATE WITH DREW WARREN +1(205) 767-3432 FOR PLAYGROUND COMPONENTS



PO BOX 1178, PELHAM, AL 35124
P 205.663.5058 | T 800.221.8869
F 205.663.5012
STRUTHERSRECREATION.COM

This Unit includes play events and routes of travel specifically designed for special needs users. It is the opinion of the manufacturer that these play events and routes of travel conform to the accessibility requirements of the ADA (Americans with Disabilities Act)

IMPORTANT

Soft resilient surfacing should be placed in the use zones of all equipment, as specified for each type of equipment, and at depths to meet the critical fall height as specified by the U.S. Consumer Product Safety Commission, ASTM standard F 1487, and Canadian Standard CAN/CSA-Z-614.

HOUSTON COUNTY DHR

Proposed Playground

Proposed Playground

DREW WARREN

REVISIONS

AGE GROUP

5-12

LKW

25K39

DRAWN BY

S. PERRY

DATE _____

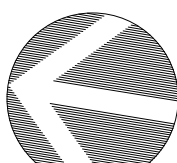
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DWG NAME

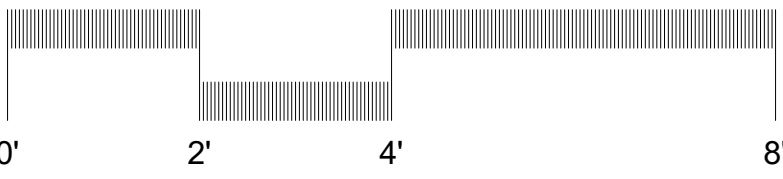
107064 - A1

SCALE

NTS



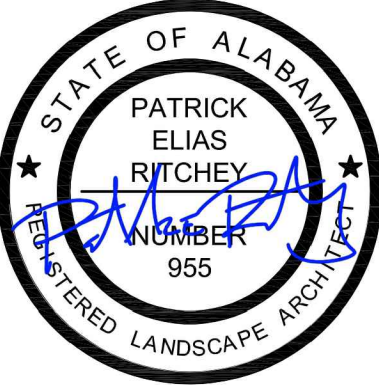
NORTH



SCALE: 1 IN = 2 FT

HOUSTON COUNTY DHR
DOTHAN, ALABAMA

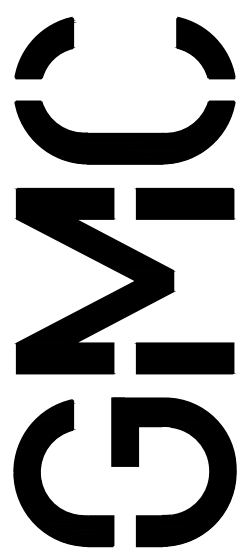
HOUSTON COUNTY DHR
DOTHAN, ALABAMA



PLAYGROUND ENLARGEMENT

15.01

GMC Project #: LBHM250046



2400 5th Ave S, Suite 200
Birmingham, AL 35233
T 205.879.4462
GMCNETWORK.COM



A horizontal number line with tick marks at 1, 2, 3, 4, and 5.

MOON'S TREE FARM, INC.
175 HAPPY HOLLOW ROAD
WASHINGTON, GA 30673
(770) 554-6849

GENERAL NOTES

FURNITURE SHOWN FOR REFERENCE ONLY. NOT IN CONTRACT.

REFER TO FINISH LEGEND FOR PAINT COLORS CALLED OUT ON REFLECTED CEILING PLANS AND FINISH PLANS.

UNLESS OTHERWISE NOTED, ALL FLOOR TILE SHALL BE CENTERED IN ROOM.

UNLESS OTHERWISE NOTED, ALL CEILING GRID AND LIGHT FIXTURES SHALL BE CENTERED IN ROOM/OPENING.

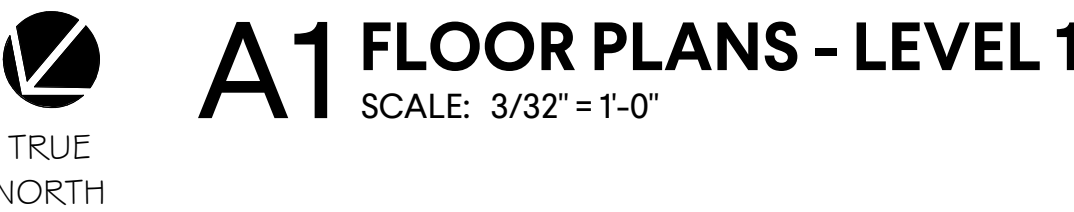
CONTRACTOR TO REVIEW WITH ARCHITECT, ON SITE, AREAS WITH MULTIPLE CEILING, WALL, AND FLOOR FINISHES BEFORE FINISH WORK BEGINS.

REFER TO RCP LEGEND ON OVERALL REFLECTED CEILING PLANS FOR RCP ABBREVIATIONS AND FINISHES.

WALL TILE AND BASE GROUT LINES SHALL ALIGN WITH FLOOR TILE.

PROVIDE BLOCKING FOR GRAB BARS AND TOILET ACCESSORIES IN RESTROOMS.

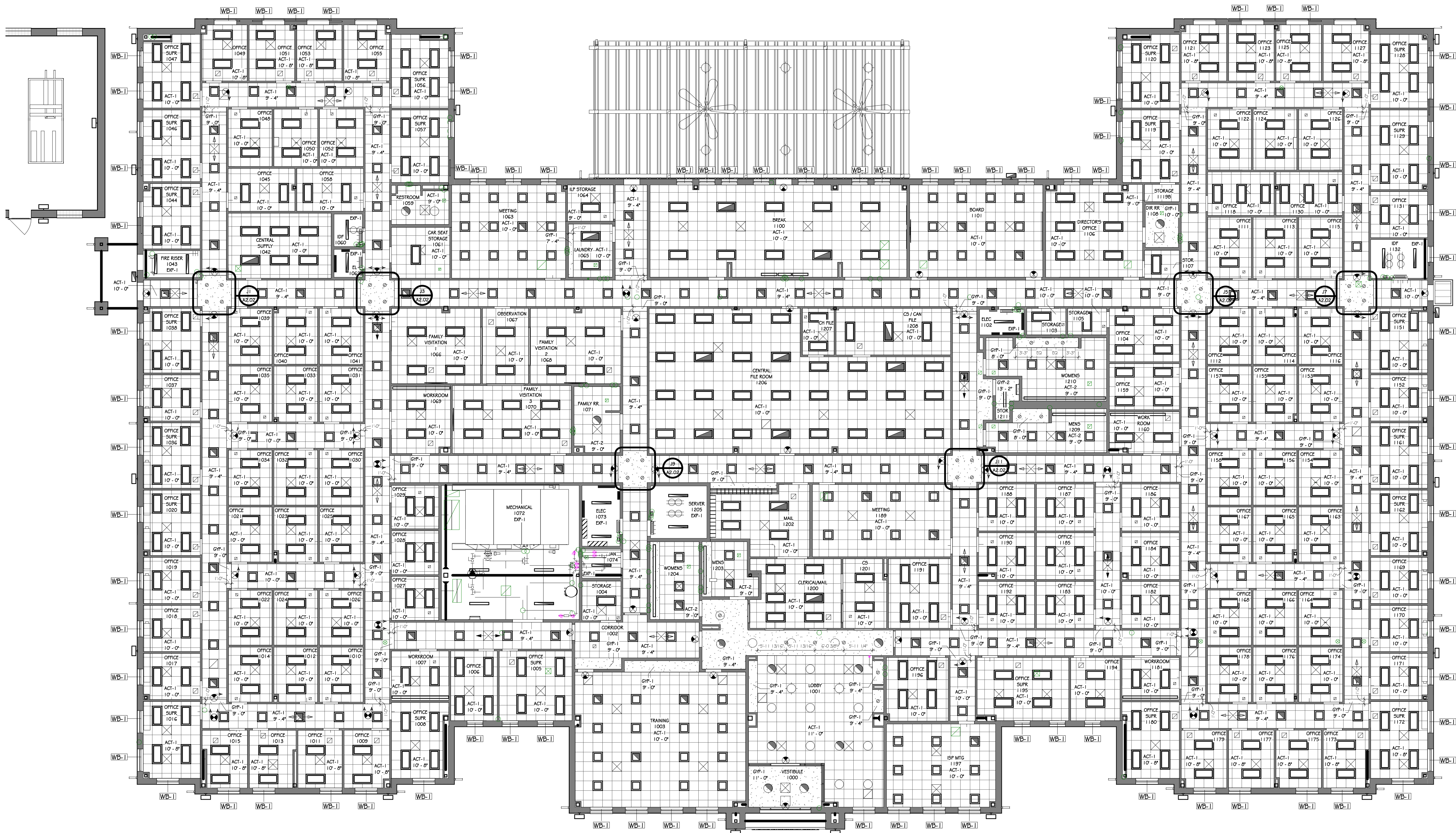
PROVIDE BLOCKING FOR GRAB BARS AND TOILET ACCESSORIES IN RESTROOMS.







1 OVERALL RCP - LEVEL 1
SCALE: 3/32"=1'-0"



REFLECTED CEILING PLAN LEGEND

CEILING FINISHES:	LIGHTING:
LAY-IN ACOUSTICAL CEILING SYSTEM - 2'x2'	2'x2 LAY-IN FIXTURE
LAY-IN ACOUSTICAL CEILING SYSTEM - 2'x4'	2'x4 LAY-IN FIXTURE
GYP BOARD - INTERIOR EIFS SOFFIT - EXTERIOR	LINEAR SUSPENDED FIXTURE
EXPOSED STRUCTURE	LINEAR RECESSED FIXTURE
2'x2 LAY-IN METAL CEILING SYSTEM	CIRCULAR SURF. MT. FIXTURE
2'x2 LAY-IN WOOD CEILING SYSTEM	CIRCULAR PENDANT FIXTURE
RECESSED LIGHT POCKET	CIRCULAR RECESSED FIXTURE
SUPPLY DIFFUSER	EXIT LIGHT
RETURN AIR GRILLE	NURSE CALL LIGHT
EXHAUST FAN	

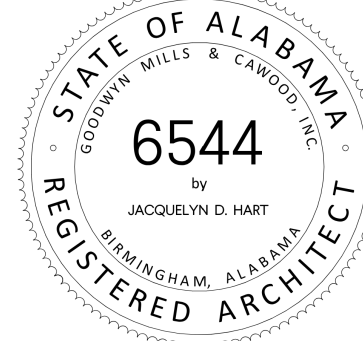
REFLECTED CEILING PLAN NOTES

1. CEILING HEIGHTS SHALL BE AS NOTED ON REFLECTED CEILING PLANS.
2. WHEREVER POSSIBLE NO CEILING TILE SHOULD BE LESS THAN 6" IN ANY DIRECTION.
3. SEE ELECTRICAL FOR ALL LIGHT FIXTURE TYPES AND SIZES.
4. SEE MECHANICAL FOR ALL DIFFUSER TYPES AND SIZES.
5. SEE INTERIOR ELEVATIONS FOR WALL MOUNTED LIGHT FIXTURE HEIGHT AND LOCATIONS.
6. COORDINATE LOCATIONS OF ALL LIGHTS, DIFFUSERS, AND DEVICES BETWEEN THIS RCP AND MECHANICAL, FIRE PROTECTION, AND ELECTRICAL. NOTIFY ARCHITECT OF ANY DISCREPANCIES FOUND BEFORE PROCEEDING.
7. WHERE EXIT SIGNS ARE LOCATED ABOVE DOORWAYS, CENTER FIXTURE OVER DOOR BUT MAINTAIN MINIMUM OVERHEAD CLEARANCE.
8. ALL SPRINKLER HEADS IN ACOUSTIC CEILINGS SHALL BE CENTERED IN CEILING TILE.
9. ALL BULKHEADS TO BE 4" BELOW ADJACENT ACT CEILING UNLESS NOTED OTHERWISE.
10. FOR ACCESS HATCH, EQUAL TO J. INDUSTRIES RHDGWT 30" X 60" DIAMOND SERIES STEEL ROOF HATCH LADDER ACCESS

CEILING FINISH LEGEND

NUMBER	TYPE	DETAIL DESCRIPTION
ACT-1	ACOUSTICAL CEILING TILE SYSTEM	MANUFACTURER: ARMSTRONG CEILINGS STYLE: 1717 SCHOOL ZONE FINE FIGURED - ANGLED TEGULAR COLOR: WHITE SIZE: 24" X 24" X 3/4" SUSPENSION SYSTEM: 15/16" PRELUDE XL - COLOR: WHITE
ACT-2	ACOUSTICAL CEILING TILE SYSTEM	MANUFACTURER: ARMSTRONG CEILINGS STYLE: 1715 CLEAN ROOM FL - SQUARE LAY-IN COLOR: WHITE SIZE: 24" X 24" X 3/4" SUSPENSION SYSTEM: 15/16" PRELUDE - COLOR: WHITE
GYP-1	GYP BOARD CEILING	PAINTED GYP BOARD CEILING COLOR: PNT-3
GYP-2	GYP BOARD CEILING	PAINTED GYP BOARD CEILING AT UNDERSIDE OF TRUSS COLOR: PNT-3
GYP-3	FIRE RATED GYP BOARD CEILING	PAINTED GYP BOARD CEILING AT UNDERSIDE OF TRUSS 2 HOUR FIRE RATED COLOR: PNT-3

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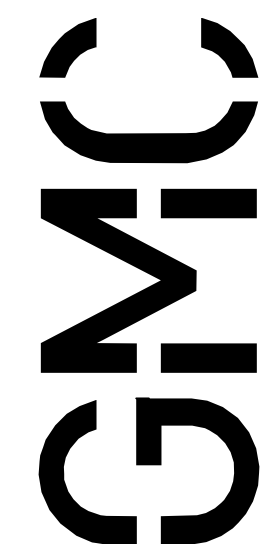
REFLECTED CEILING PLAN

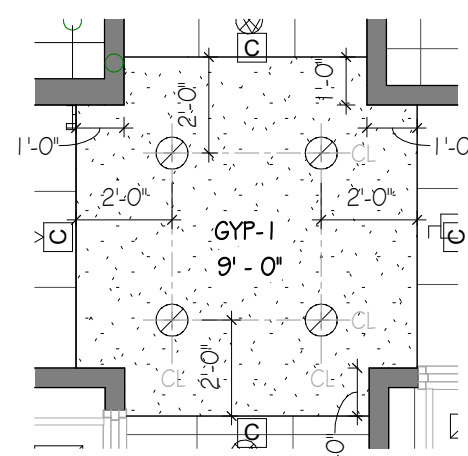
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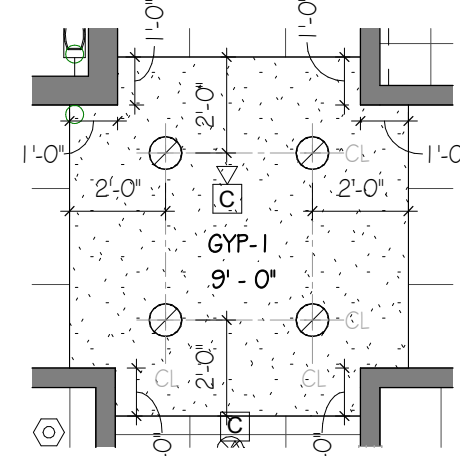
DRAWN BY: SC
CHECKED BY: JH

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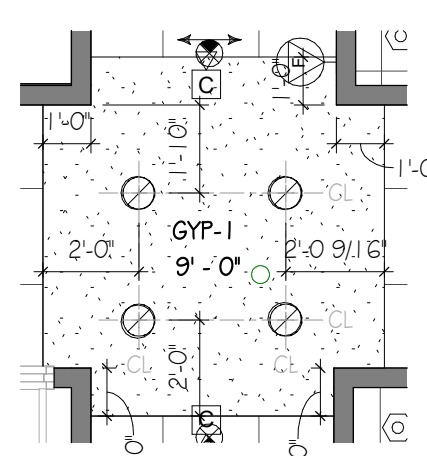




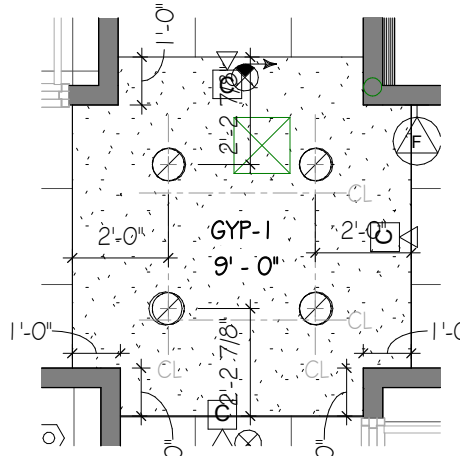
J1 CORRIDOR SOFFIT A



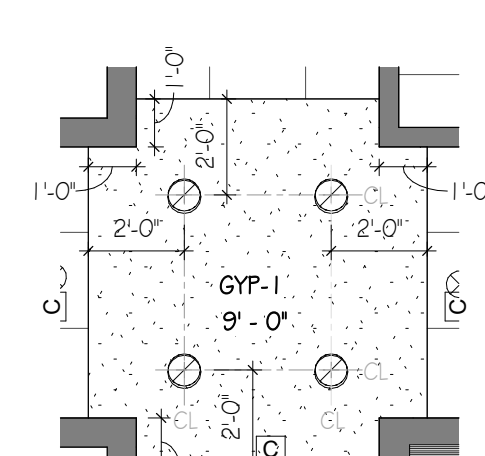
J3 CORRIDOR SOFFIT B



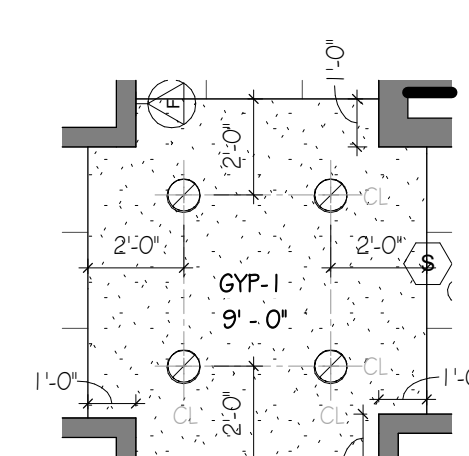
J5 CORRIDOR SOFFIT C
SCALE: 1/4" = 1'-0"



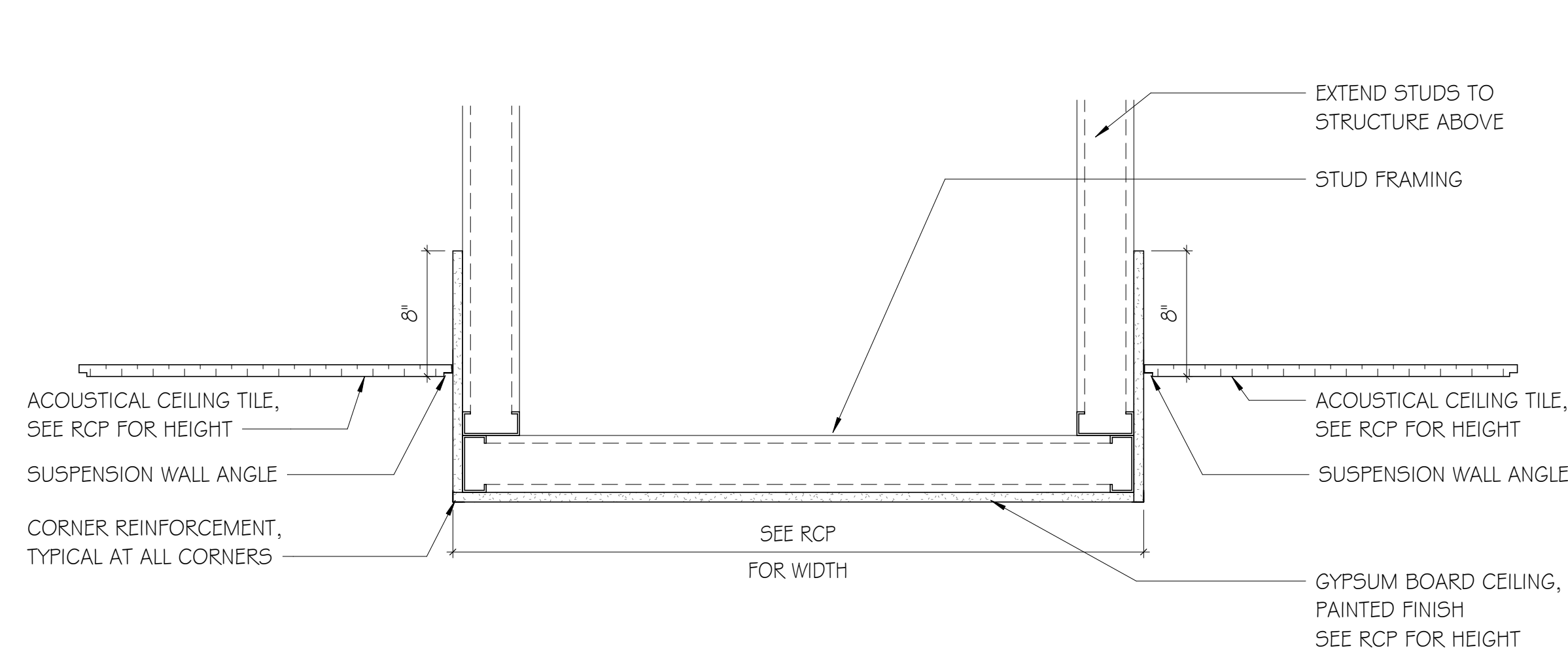
J7 CORRIDOR SOFFIT D
SCALE: 1/4" = 1'-0"



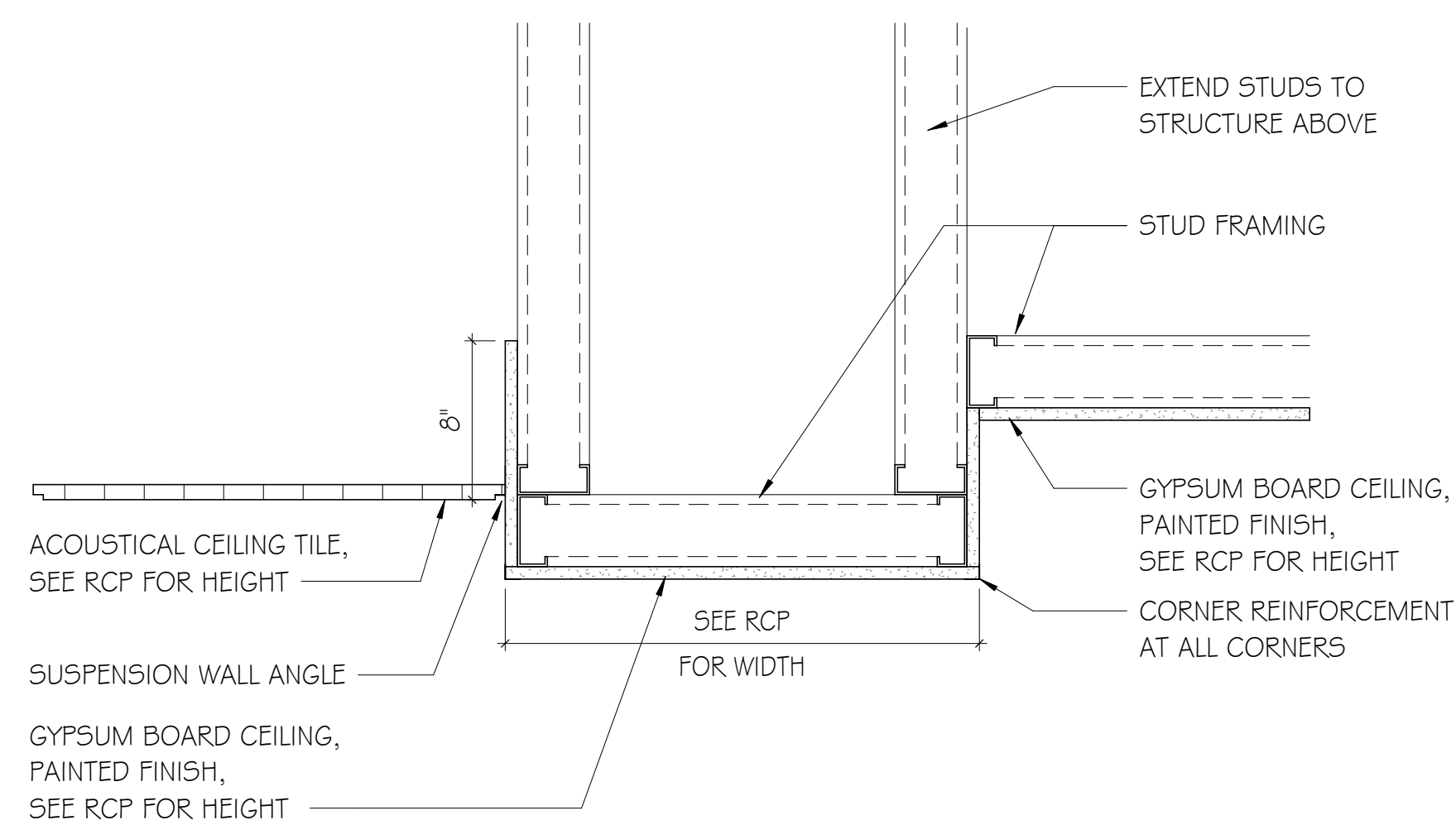
J9 CORRIDOR SOFFIT E
SCALE: 1/4" = 1'-0"



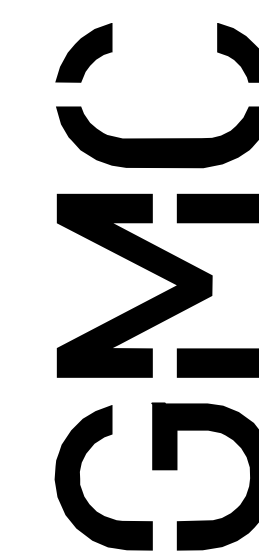
J11 CORRIDOR SOFFIT F
SCALE: 1/4" = 1'-0"



F1 ACT/GYP/ACT
SCALE: 1 1/2" = 1'-0"



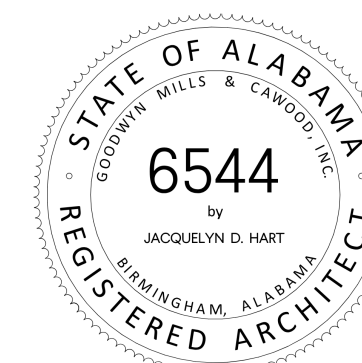
F6 ACT/GYP/GYP
SCALE: 1 1/2" = 1'-0"



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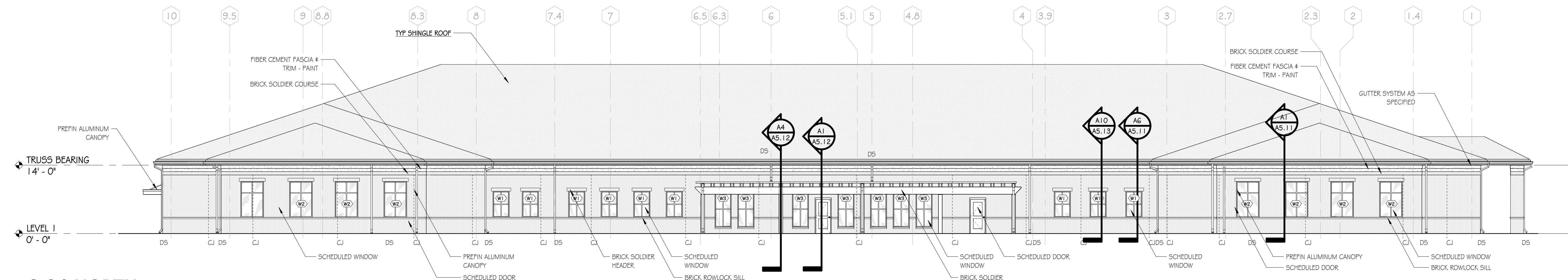
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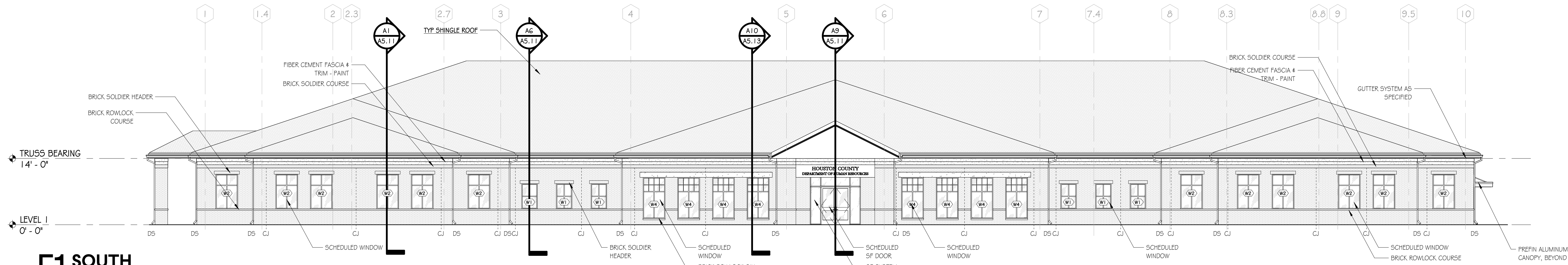
ENLARGED RCP'S AND DETAILS

A2.02

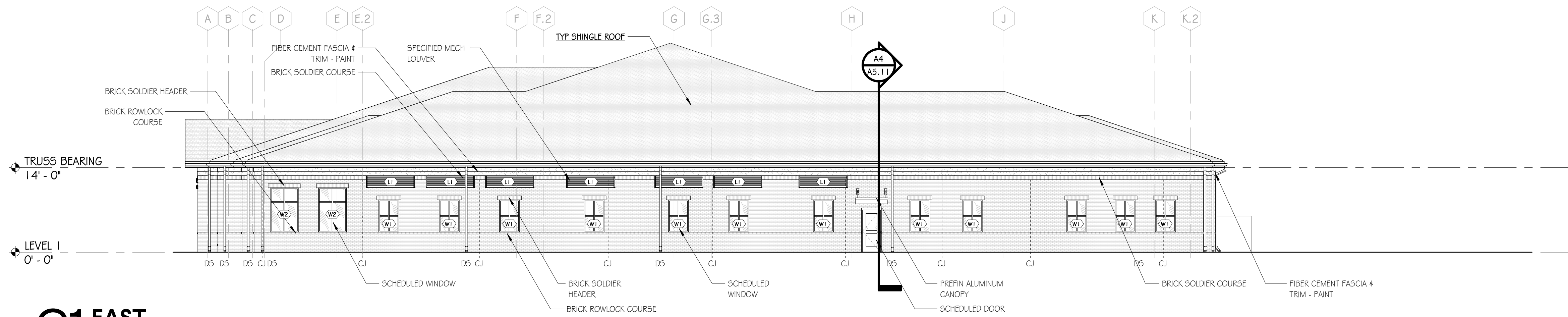
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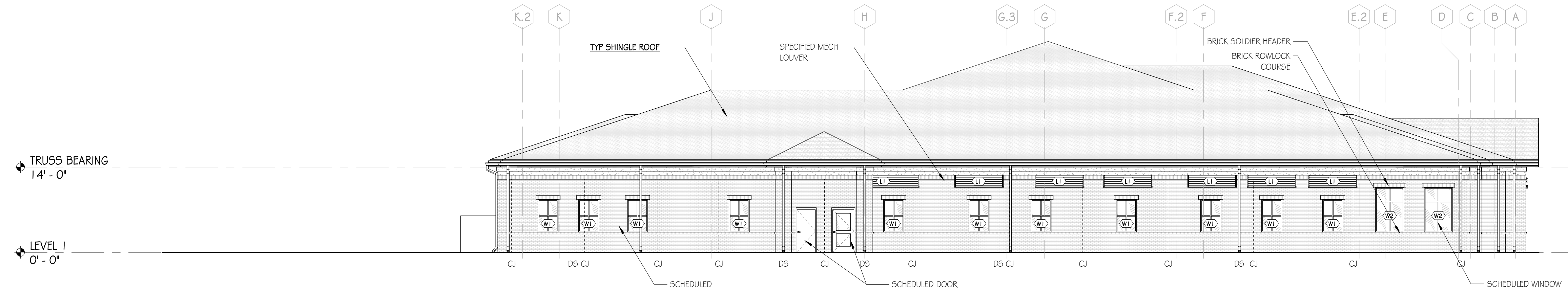
H1 NORTH
SCALE: 3/32" = 1'-0"



F1 SOUTH
SCALE: 3/32" = 1'-0"

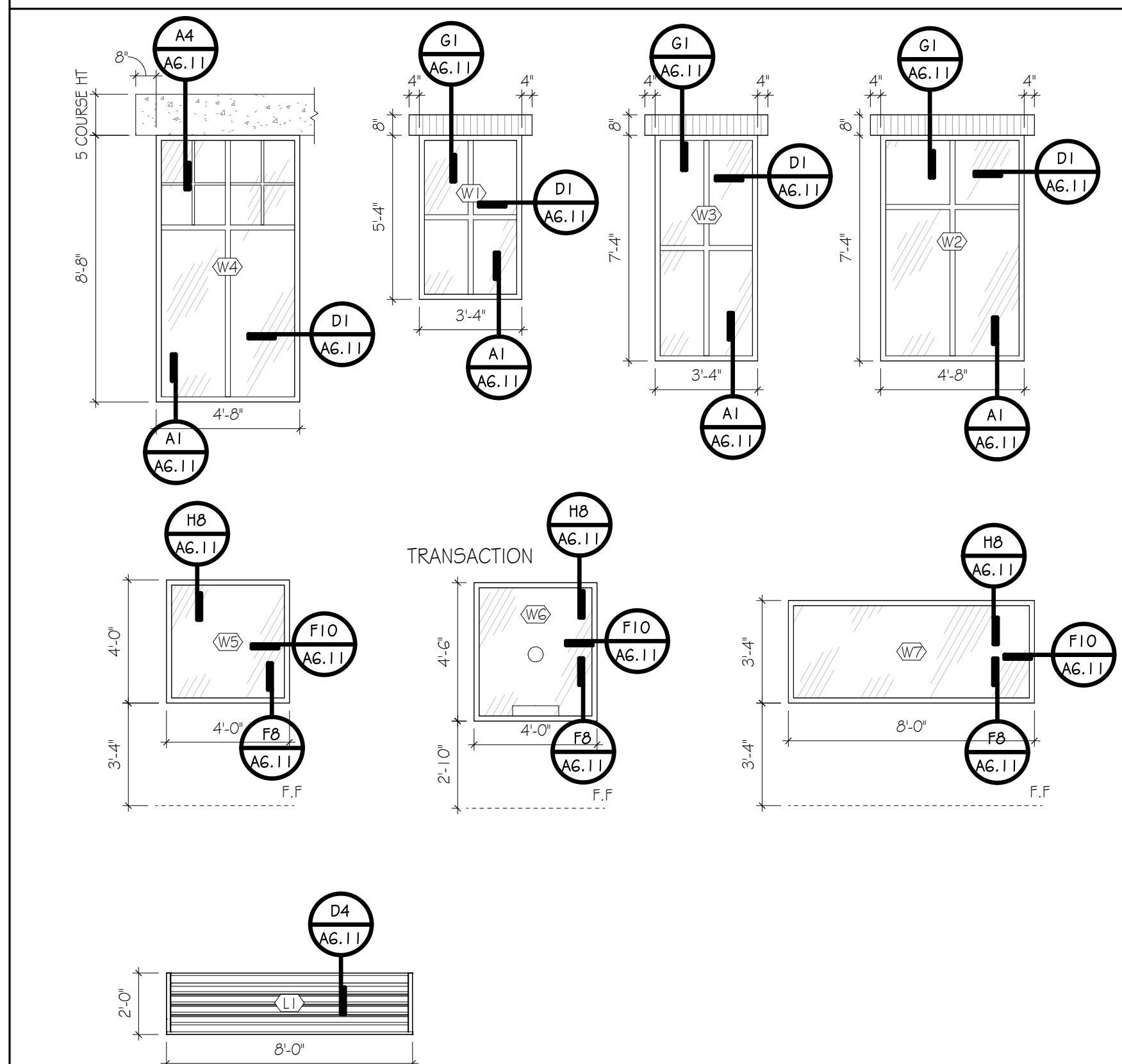


C1 EAST
SCALE: 3/32" = 1'-0"



A1 WEST
SCALE: 3/32" = 1'-0"

WINDOW LEGEND



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EXTERIOR
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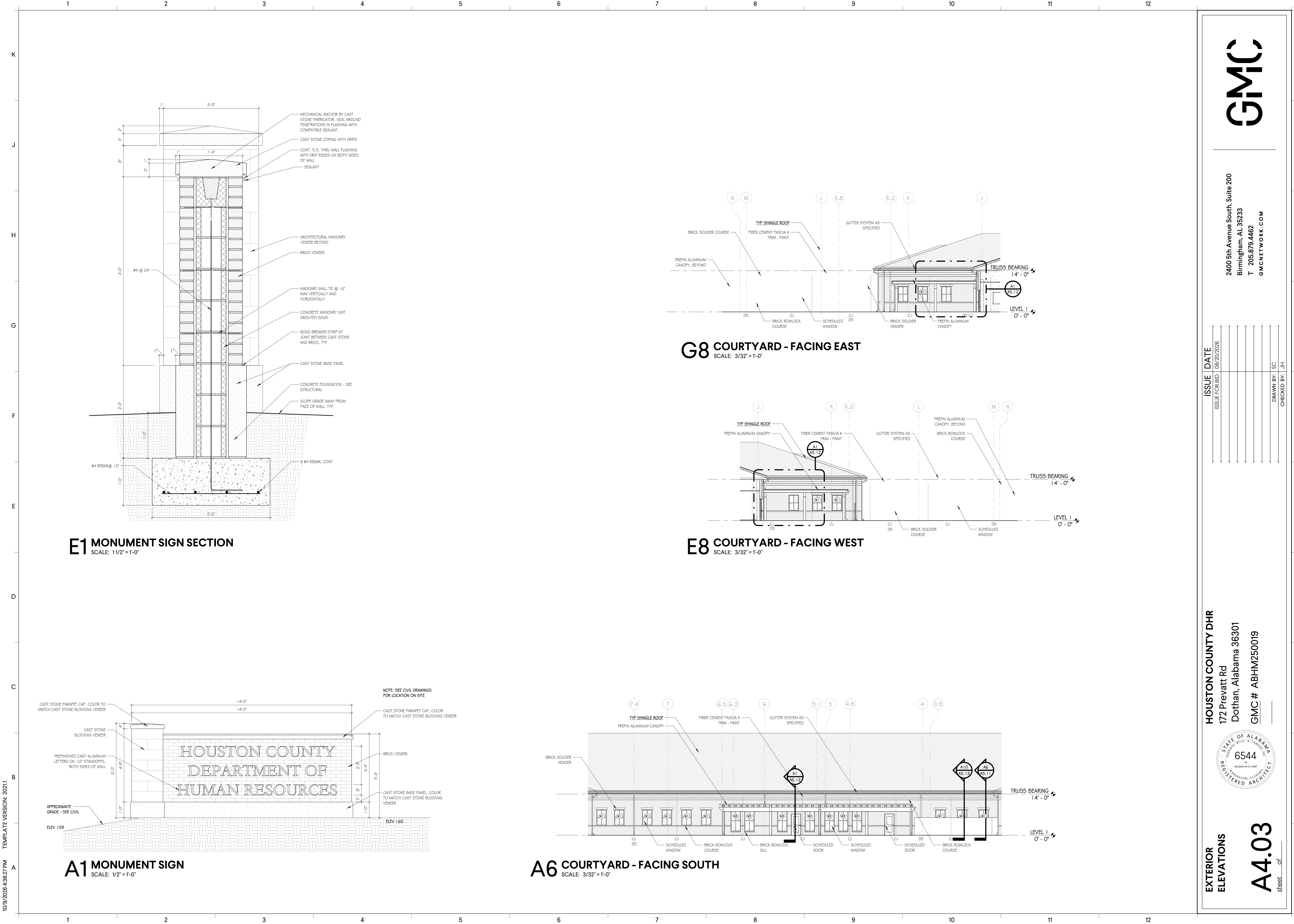
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EXTERIOR
ELEVATIONS

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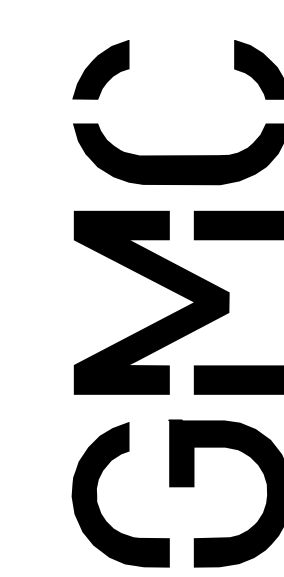
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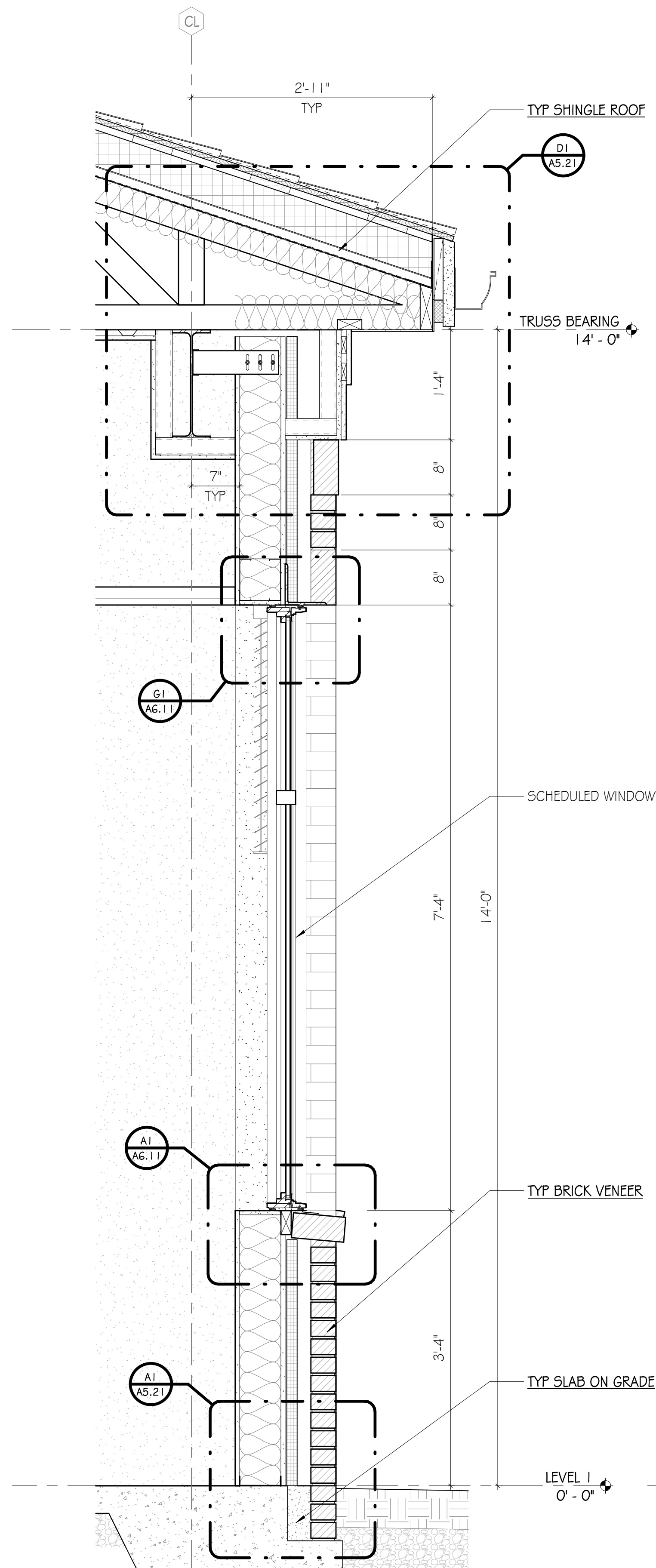
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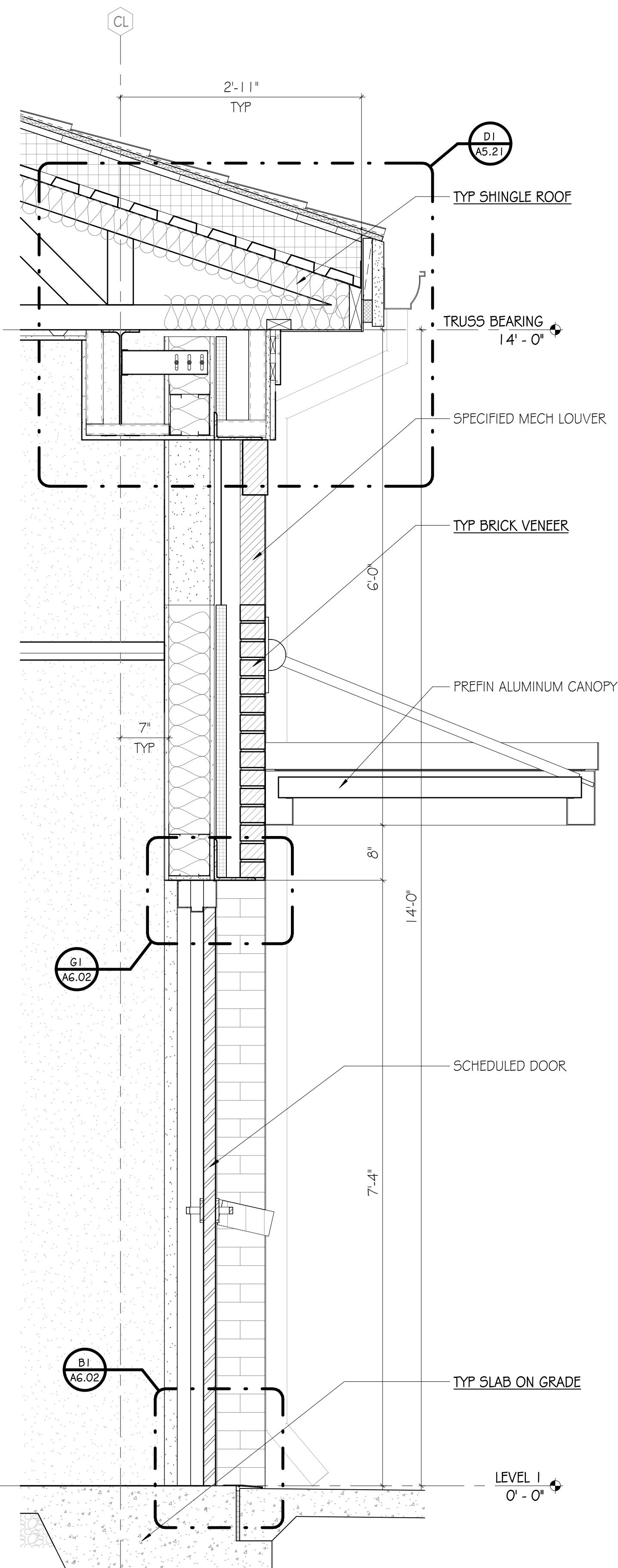


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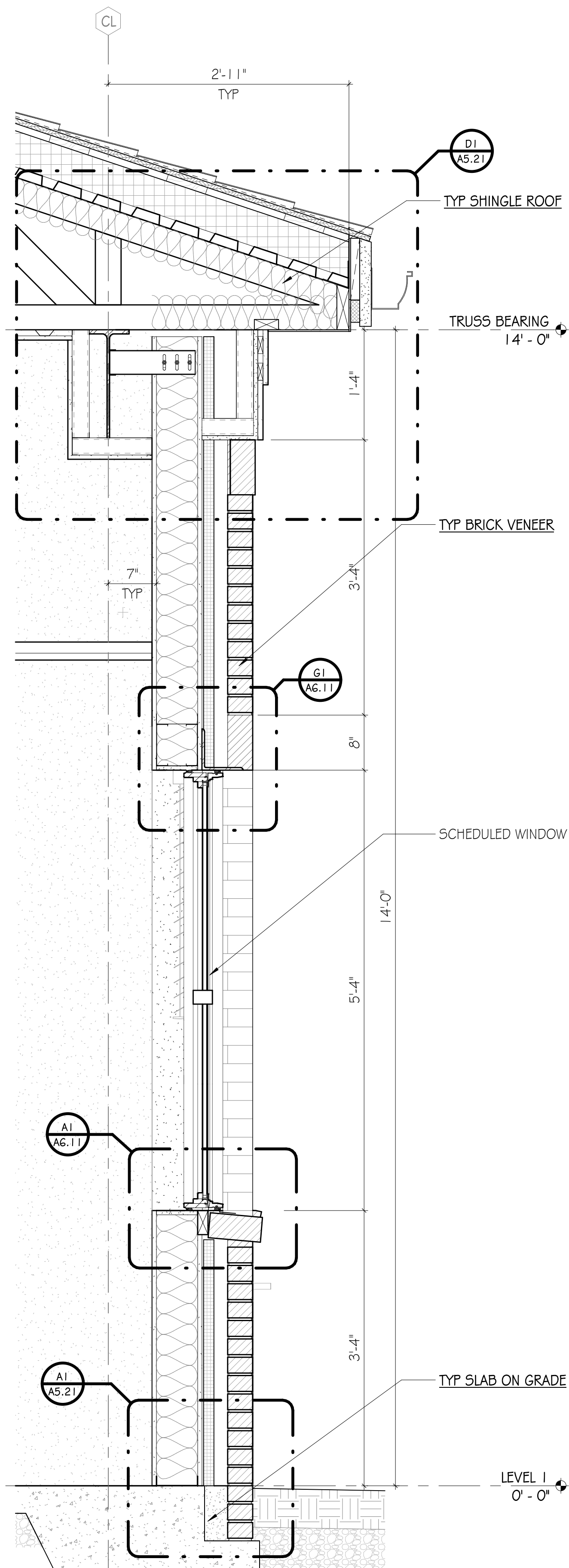
WALL SECTIONS



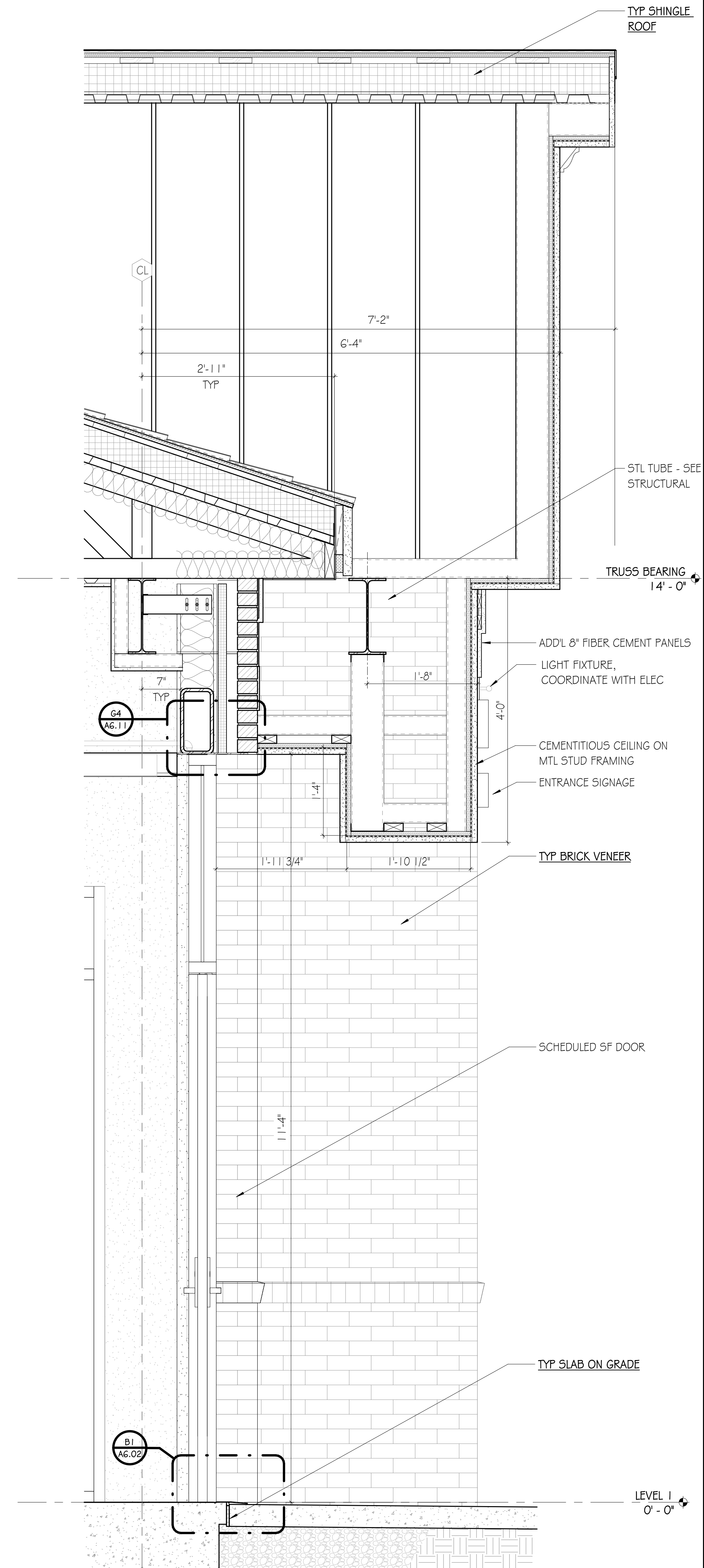
A1 WALL SECTION
SCALE: 1"=1'-0"



A4 WALL SECTION
SCALE: 1"=1'-0"



A6 WALL SECTION
SCALE: 1"=1'-0"



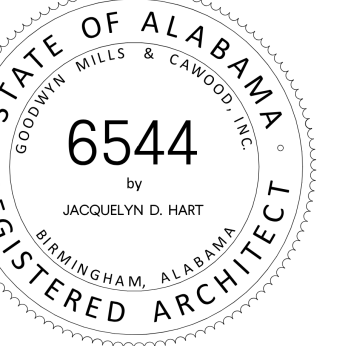
A9 ENTRANCE VESTIBULE
SCALE: 1"=1'-0"

WALL SECTIONS

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ISSUE DATE

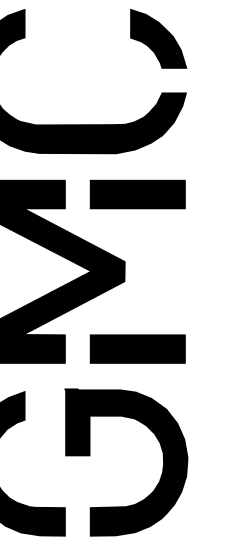
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SC

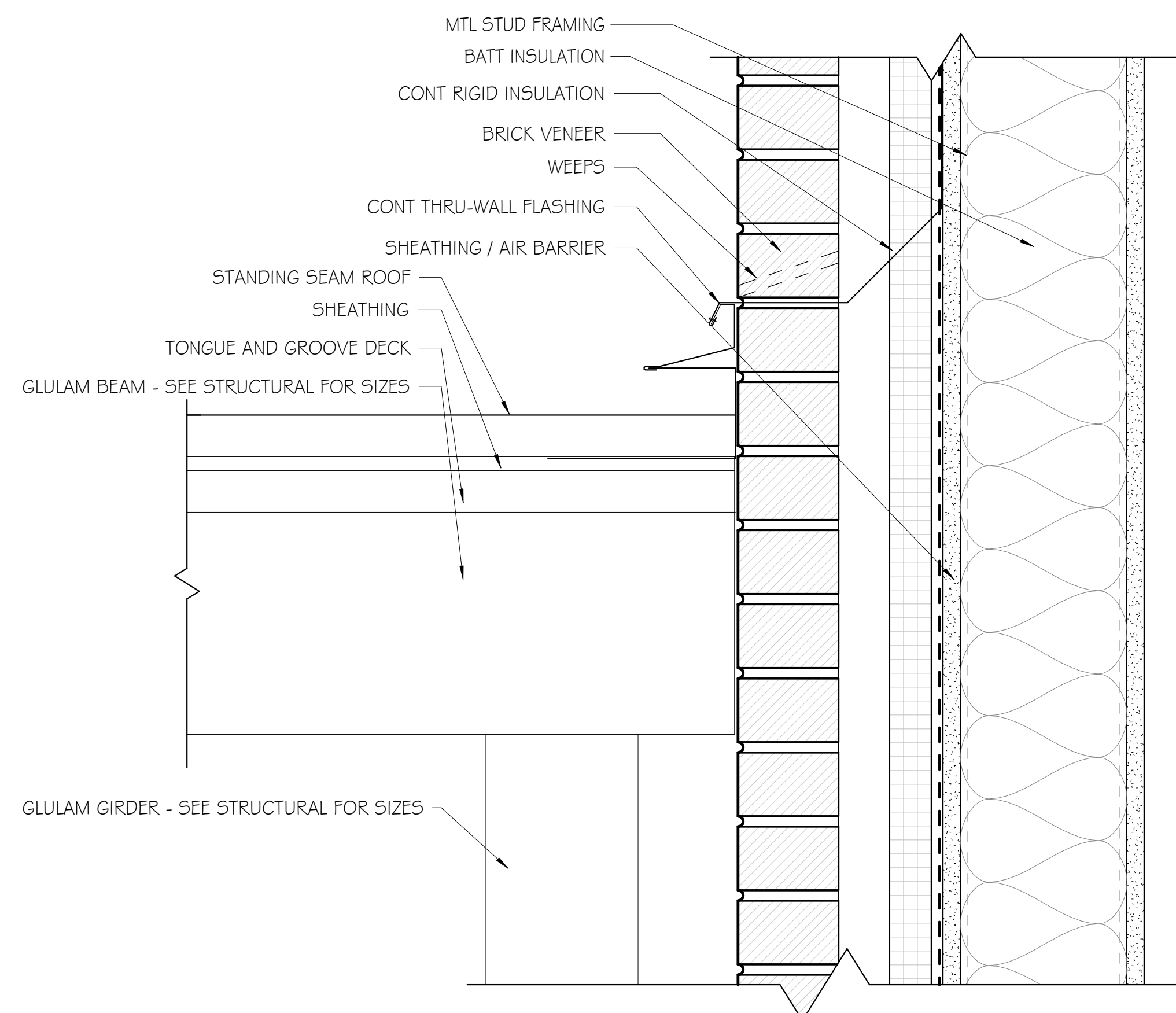
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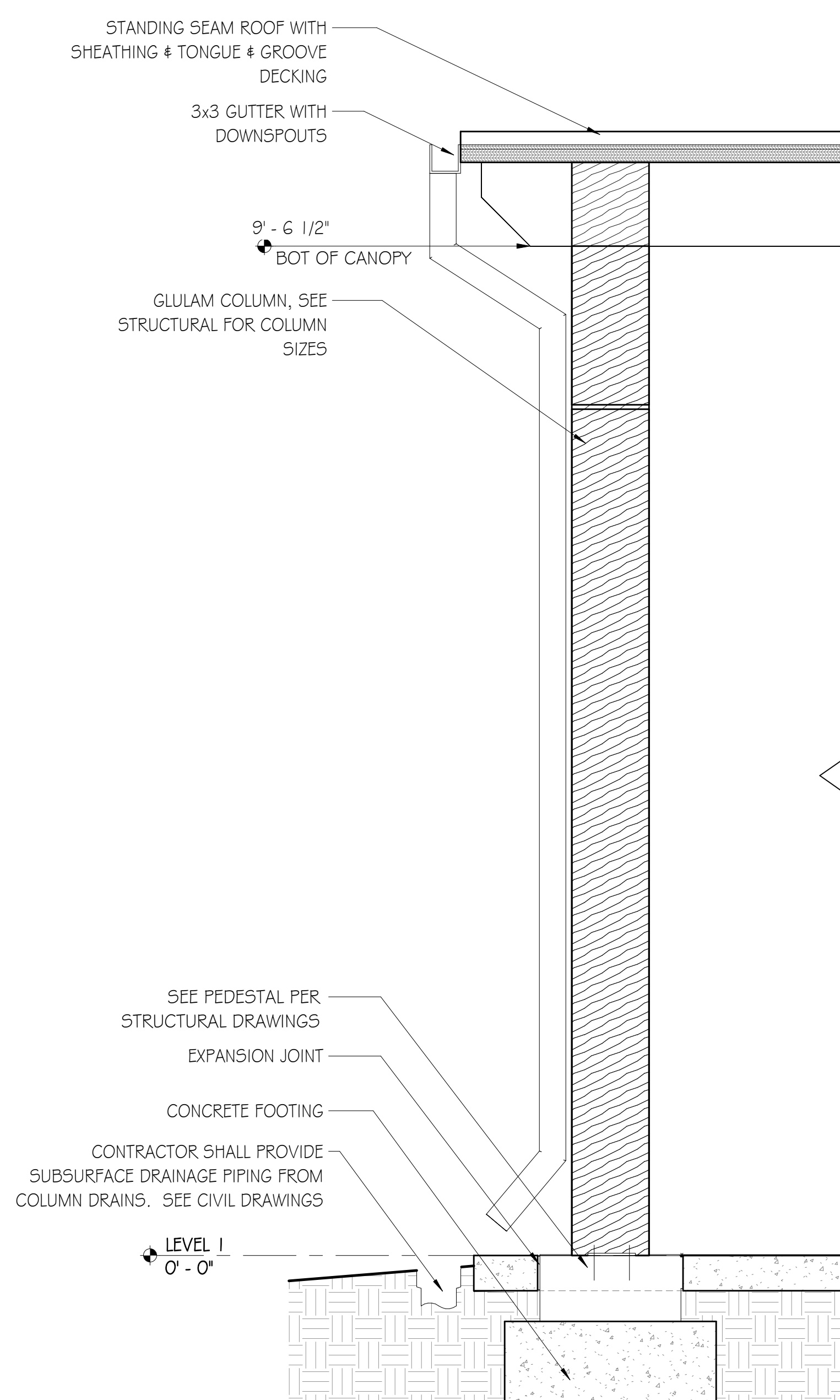


WALL SECTIONS

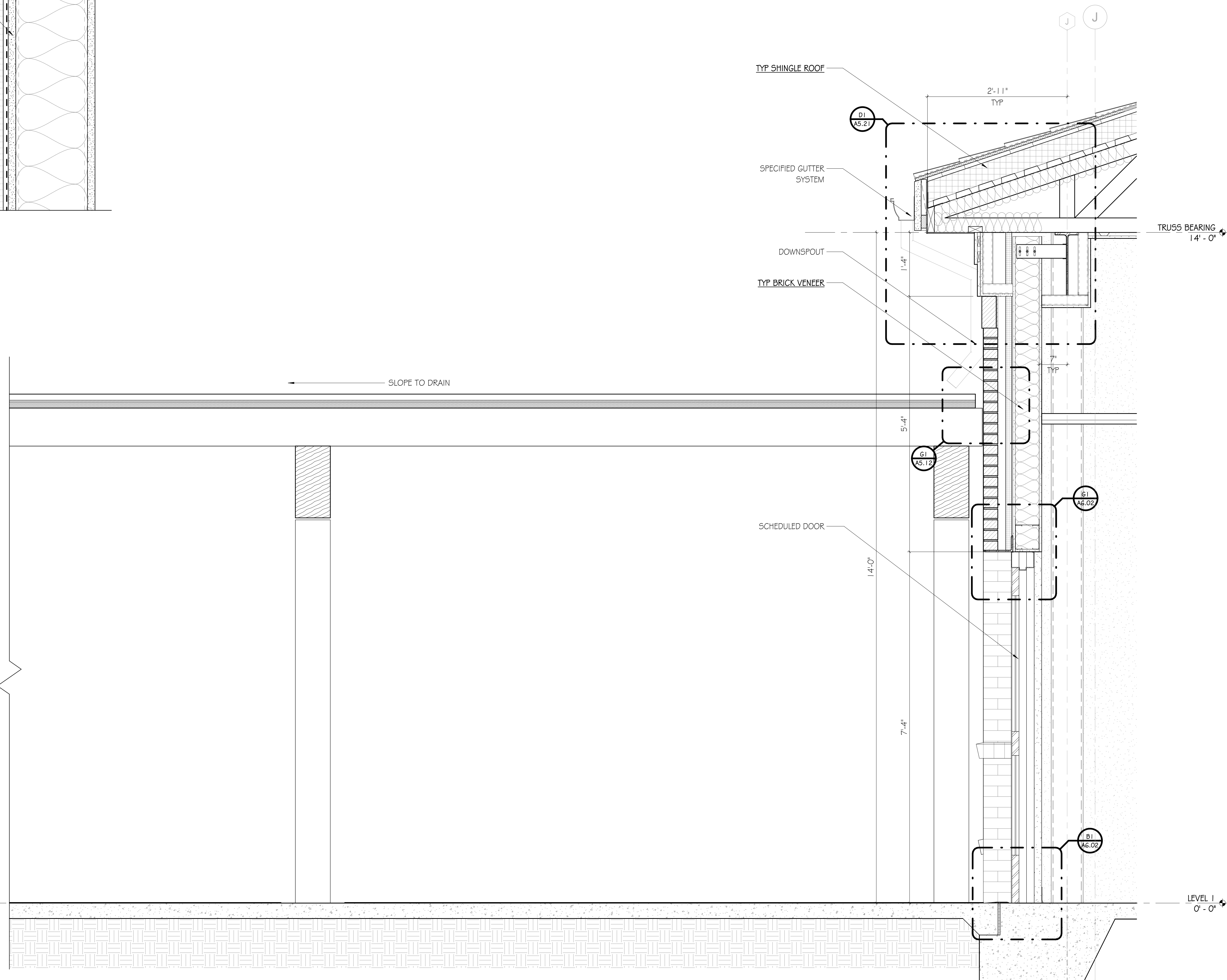


G1 CANOPY FLASHING

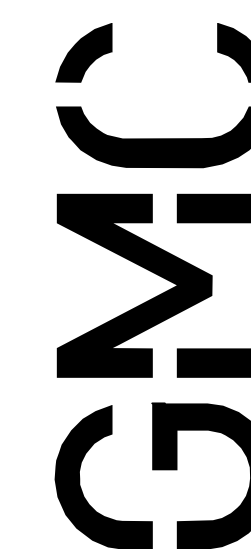
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A1 CANOPY COLUMN SECTION



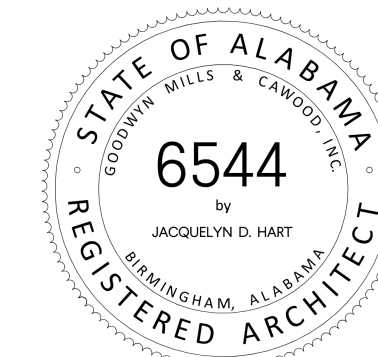
A4 WALL SECTION



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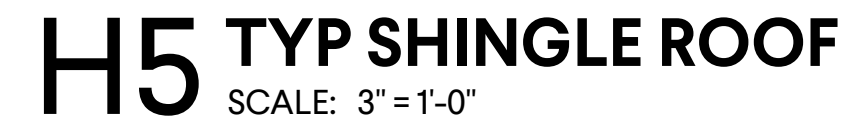
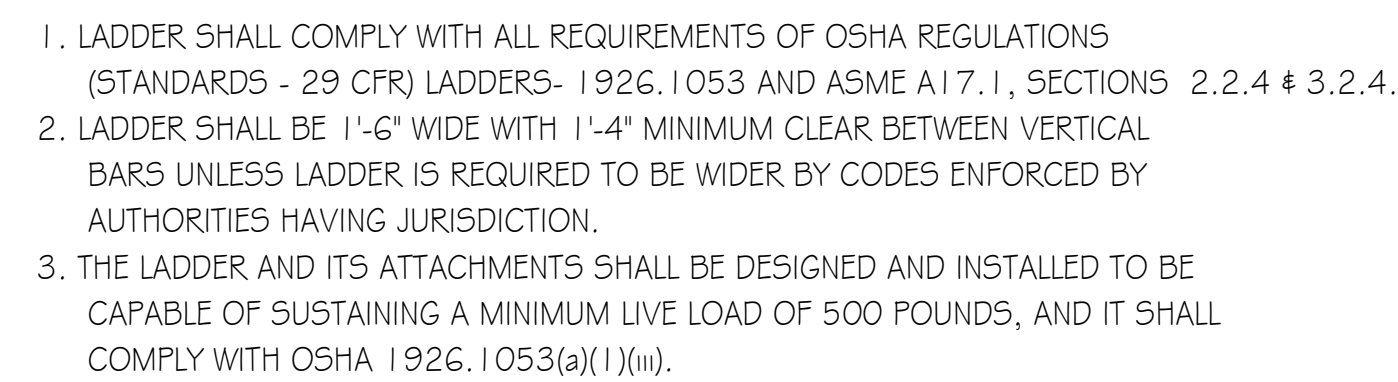
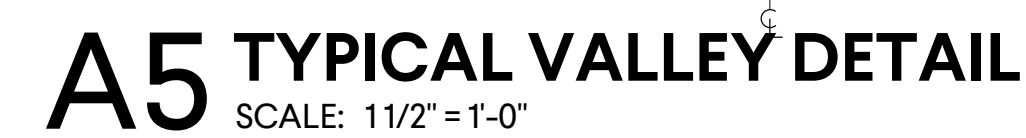
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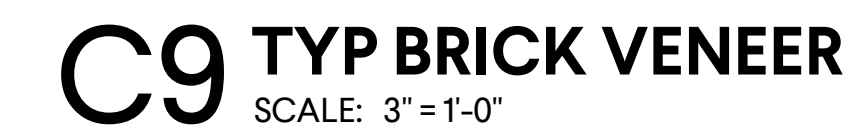
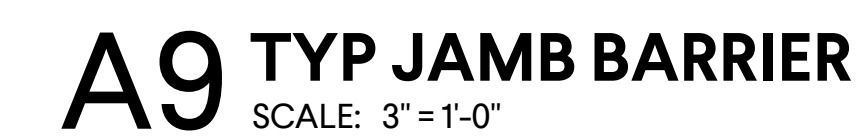
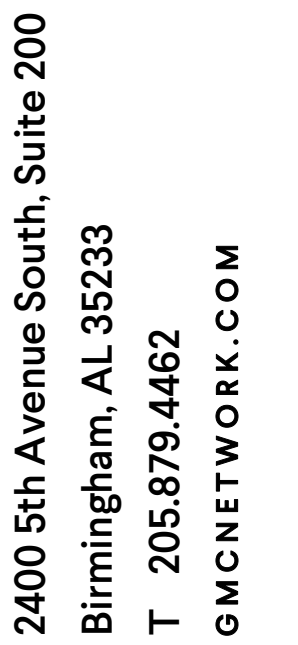
WALL SECTIONS

A5.12

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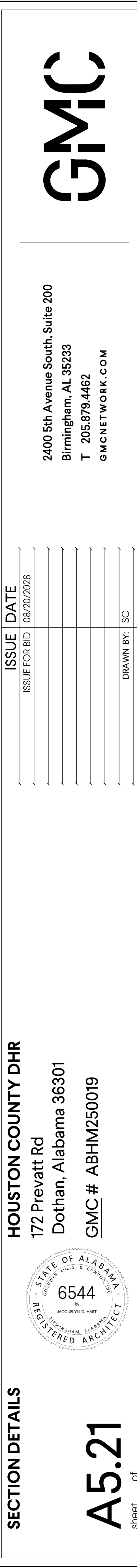
H9 TYP BRICK HEADER



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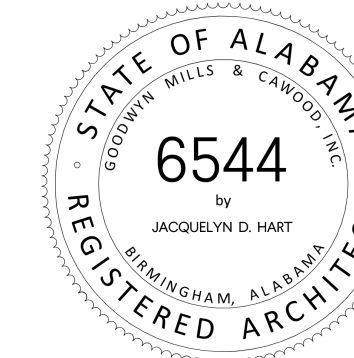


DOOR SCHEDULE

LOCATION		SIZE		DOOR		FRAME		HARDWARE		DETAILS							
DOOR NUMBER	ROOM NAME	WIDTH	HEIGHT	THICKNESS	DOOR TYPE	MATERIAL	GLASS / LOUVER	FRAME TYPE	MATERIAL	GLASS TYPE	HOLD OPEN	ACCESS CONTROL	HEAD	JAMB	SILL	FIRE RATING	NUMBERED NOTES
100A	BREAK	3'-0"	7'-0"	1 3/4"	FG2	WD	G1	F1	HM				G4 / A6.02	D4 / A6.02			
1000	LOBBY	6'-0"	7'-9"	1 3/4"	FG2	SF		SF	HM								
1001A	CORRIDOR	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM			CR	G4 / A6.02	D4 / A6.02			
1001B	LOBBY	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
1002A	CORRIDOR	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM			CR	G4 / A6.02	D4 / A6.02			
1002B	CORRIDOR	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
1003A	LOBBY	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM			CR	G4 / A6.02	D4 / A6.02			
1003B	CORRIDOR	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
1004	STORAGE	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
1005	OFFICE SUPR	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
1006	OFFICE	3'-0"	7'-0"	1 3/4"	N	WD	G1	F1	HM				G4 / A6.02	D4 / A6.02			
1007A	WORKROOM	3'-6"	7'-0"	0"	-	-		F5	WD				G4 / A6.02	D4 / A6.02			
1007B	WORKROOM	3'-6"	7'-0"	0"	-	-		F5	WD				G4 / A6.02	D4 / A6.02			
1008	OFFICE SUPR	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
1009	OFFICE	3'-0"	7'-0"	1 3/4"	N	WD	G1	F1	HM				G4 / A6.02	D4 / A6.02			
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1016	OFFICE SUPR	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
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1021	OFFICE	3'-0"	7'-0"	1 3/4"	N	WD	G1	F1	HM				G4 / A6.02	D4 / A6.02			
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1038	OFFICE SUPR	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
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1042	CENTRAL SUPPLY	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM			CR	G4 / A6.02	D4 / A6.02			
1044	OFFICE SUPR	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
1045	OFFICE	3'-0"	7'-0"	1 3/4"	N	WD	G1	F1	HM				G4 / A6.02	D4 / A6.02			
1046	OFFICE SUPR	3'-0"	7'-0"	1 3/4"	N	WD	G1	F1	HM				G4 / A6.02	D4 / A6.02			
1047	OFFICE SUPR	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
1048	OFFICE	3'-0"	7'-0"	1 3/4"	N	WD	G1	F1	HM				G4 / A6.02	D4 / A6.02			
1049	OFFICE	3'-0"	7'-0"	1 3/4"	N	WD	G1	F1	HM				G4 / A6.02	D4 / A6.02			
1050	OFFICE	3'-0"	7'-0"	1 3/4"	N	WD	G1	F1	HM				G4 / A6.02	D4 / A6.02			
1051	OFFICE	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
1052	OFFICE	3'-0"	7'-0"	1 3/4"	N	WD	G1	F1	HM				G4 / A6.02	D4 / A6.02			
1053	OFFICE	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
1055	OFFICE	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
1056	OFFICE SUPR	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
1058	OFFICE	3'-0"	7'-0"	1 3/4"	N	WD	G1	F1	HM				G4 / A6.02	D4 / A6.02			
1059	RESTROOM	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
1060	IDF	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM			CR	G4 / A6.02	D4 / A6.02			
1061	CAR SEAT STORAGE	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
1062	EL	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM			CR	G4 / A6.02	D4 / A6.02			
1063	MEETING	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
1064	ILP STORAGE	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
1065	LAUNDRY	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
1066	FAMILY VISITATION 1	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
1067	OBSERVATION	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
1068	FAMILY VISITATION 2	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
1069A	WORKROOM	3'-6"	7'-0"	0"	-	-		F5	WD				G4 / A6.02	D4 / A6.02			
1069B	WORKROOM	3'-6"	7'-0"	0"	-	-		F5	WD				G4 / A6.02	D4 / A6.02			
1070	FAMILY VISITATION 3	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
1071	FAMILY RR	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
1072	MECHANICAL	6'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
1073	ELEC	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM			CR	G4 / A6.02	D4 / A6.02			
1074	JAN	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
1075	OFFICE SUPR	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
1000A	BREAK	3'-0"	7'-0"	1 3/4"	FG2	WD	G1	F1	HM				G4 / A6.02	D4 / A6.02			
1010A	BOARD	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
1010B	BOARD	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
1102	ELEC	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM			CR	G4 / A6.02	D4 / A6.02			
1103	STORAGE	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
1104	OFFICE	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
1105	STORAGE	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
1106	DIRECTOR'S OFFICE	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM			CR	G4 / A6.02	D4 / A6.02			
1107	STOR	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM			CR	G4 / A6.02	D4 / A6.02			
1108	DIR RR	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM				G4 / A6.02	D4 / A6.02			
1111	OFFICE	3'-0"	7'-0"	1 3/4"	N	WD	G1	F1	HM				G4 / A6.02	D4 / A6.02			
1112	OFFICE	3'-0"	7'-0"	1 3/4"	N	WD	G1	F1	HM				G4 / A6.02	D4 / A6.02			
1113	OFFICE	3'-0"	7'-0"	1 3/4"	N	WD	G1	F1	HM				G4 / A6.02	D4 / A6.02			
1114	OFFICE	3'-0"	7'-0"	1 3/4"	N	WD	G1	F1	HM				G4 / A6.02	D4 / A6.02			
1115	OFFICE	3'-0"	7'-0"	1 3/4"	N	WD	G1	F1	HM				G4 / A6.02	D4 / A6.02			
1116	OFFICE	3'-0"	7'-0"	1 3/4"	N	WD	G1	F1	HM				G4 / A6.02	D4 / A6.02			
1118	OFFICE	3'-0"	7'-0"	1 3/4"	N	WD	G1	F1	HM				G4 / A6.02	D4 / A6.02			
1118A	OFFICE SUPR	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM			CR	G4 / A6.02	D4 / A6.02			
1118B	OFFICE SUPR	3'-0"	7'-0"	1 3/4"	F	WD		F1	HM								

ISSUE	DATE
ISSUE FOR BID	08/20/2016
DRAWN BY:	SC

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Dothan, Alabama 36301
GMC # ABHM250019

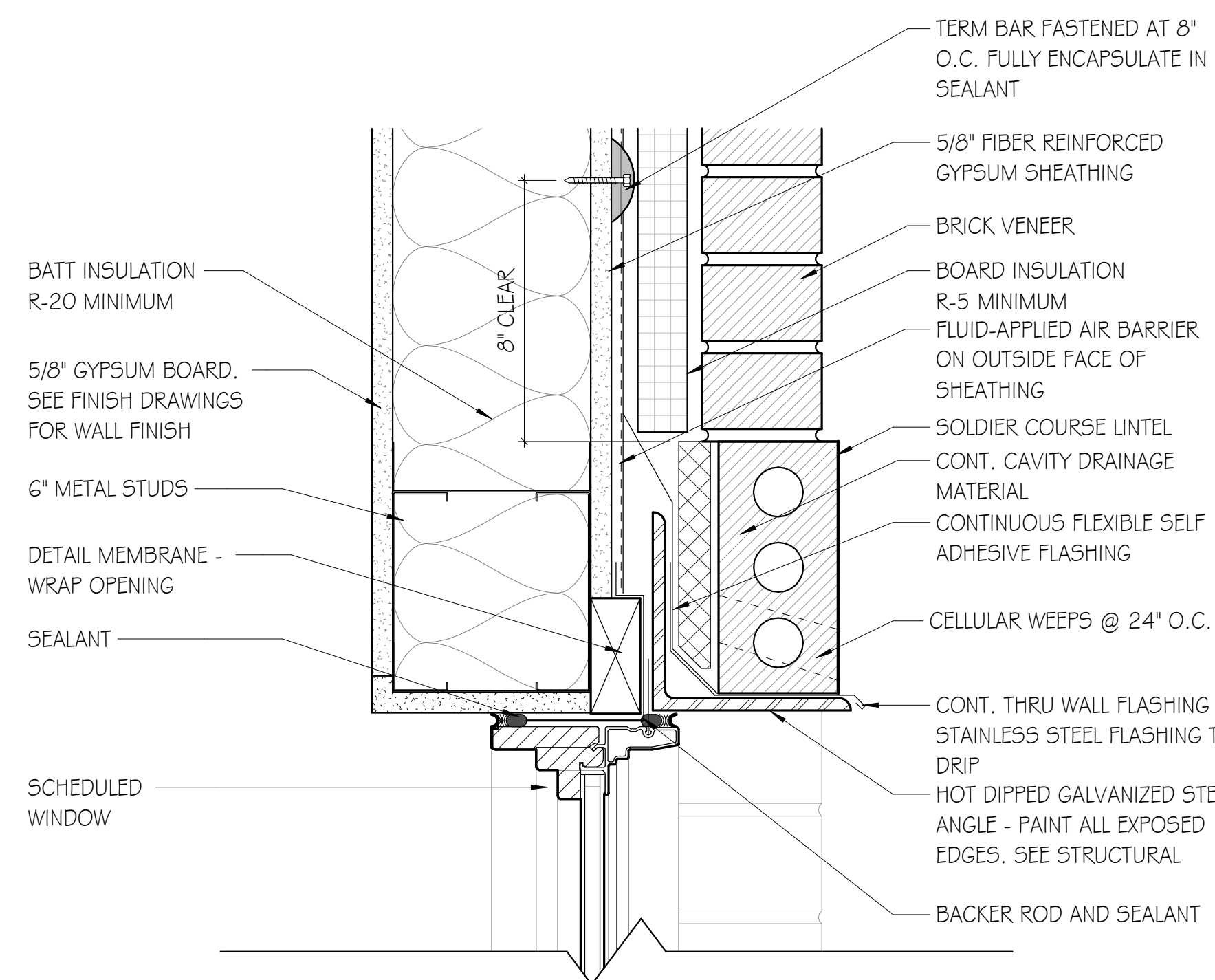


DOOR DETAILS

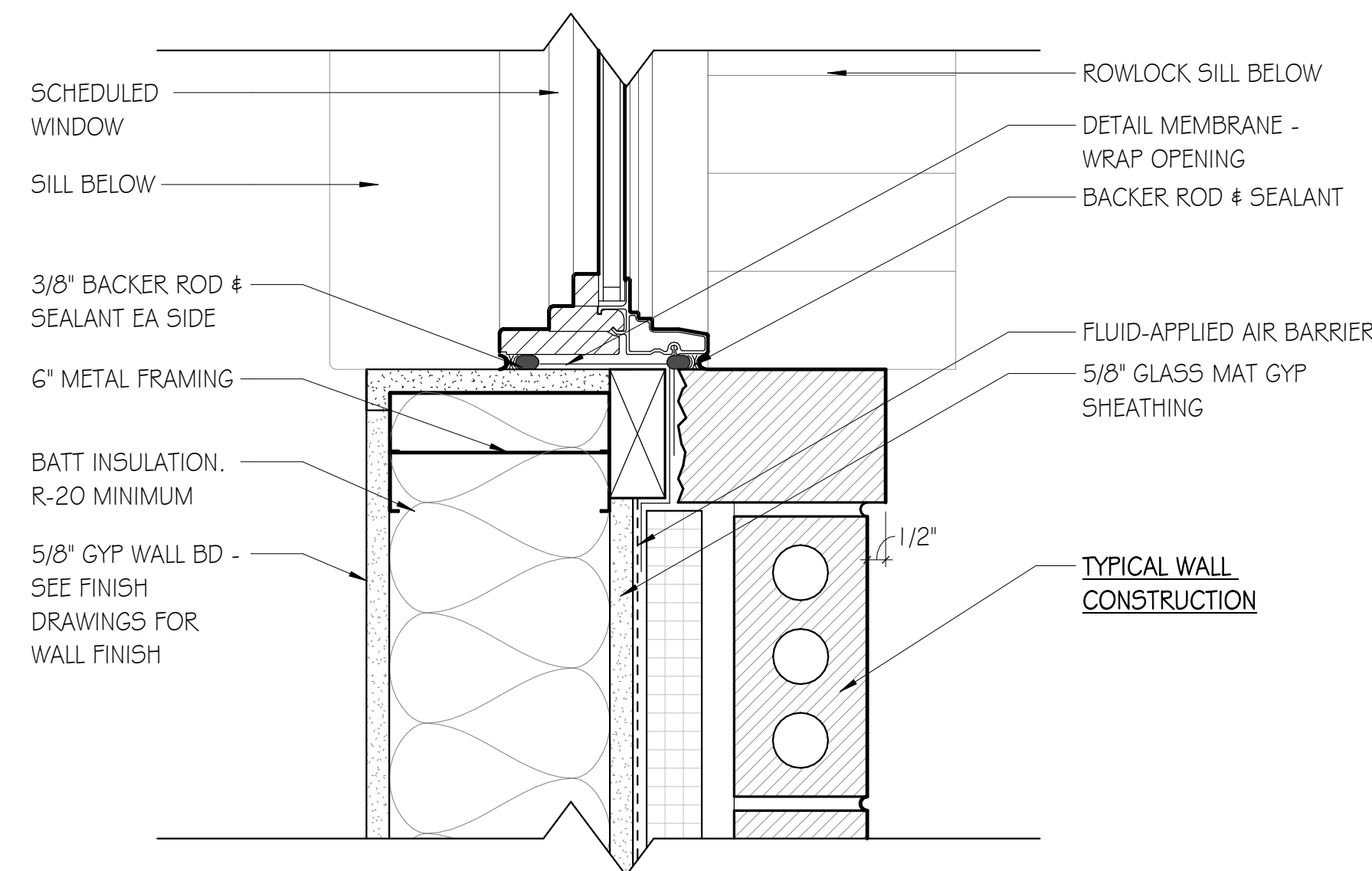
A6.02

about of

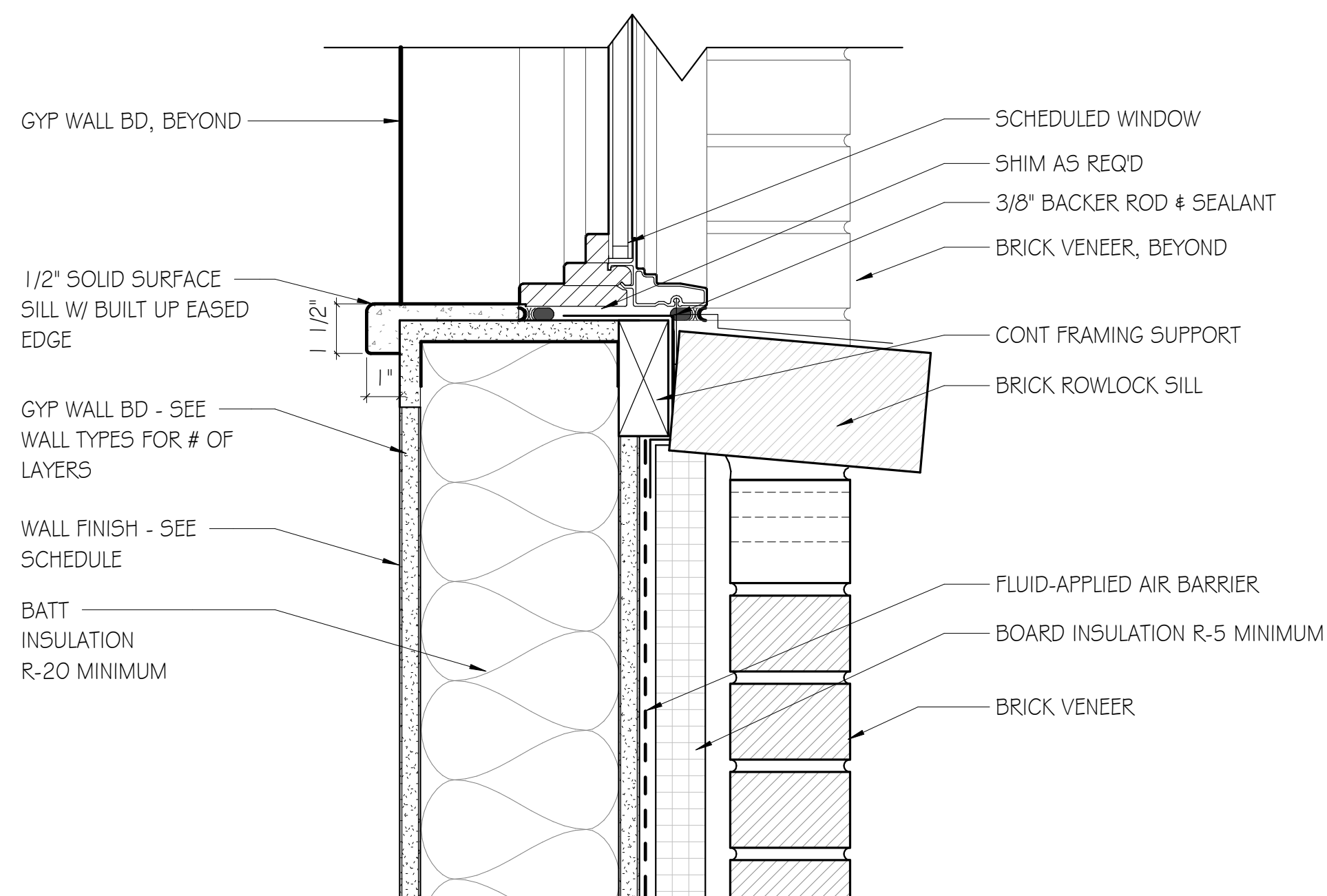




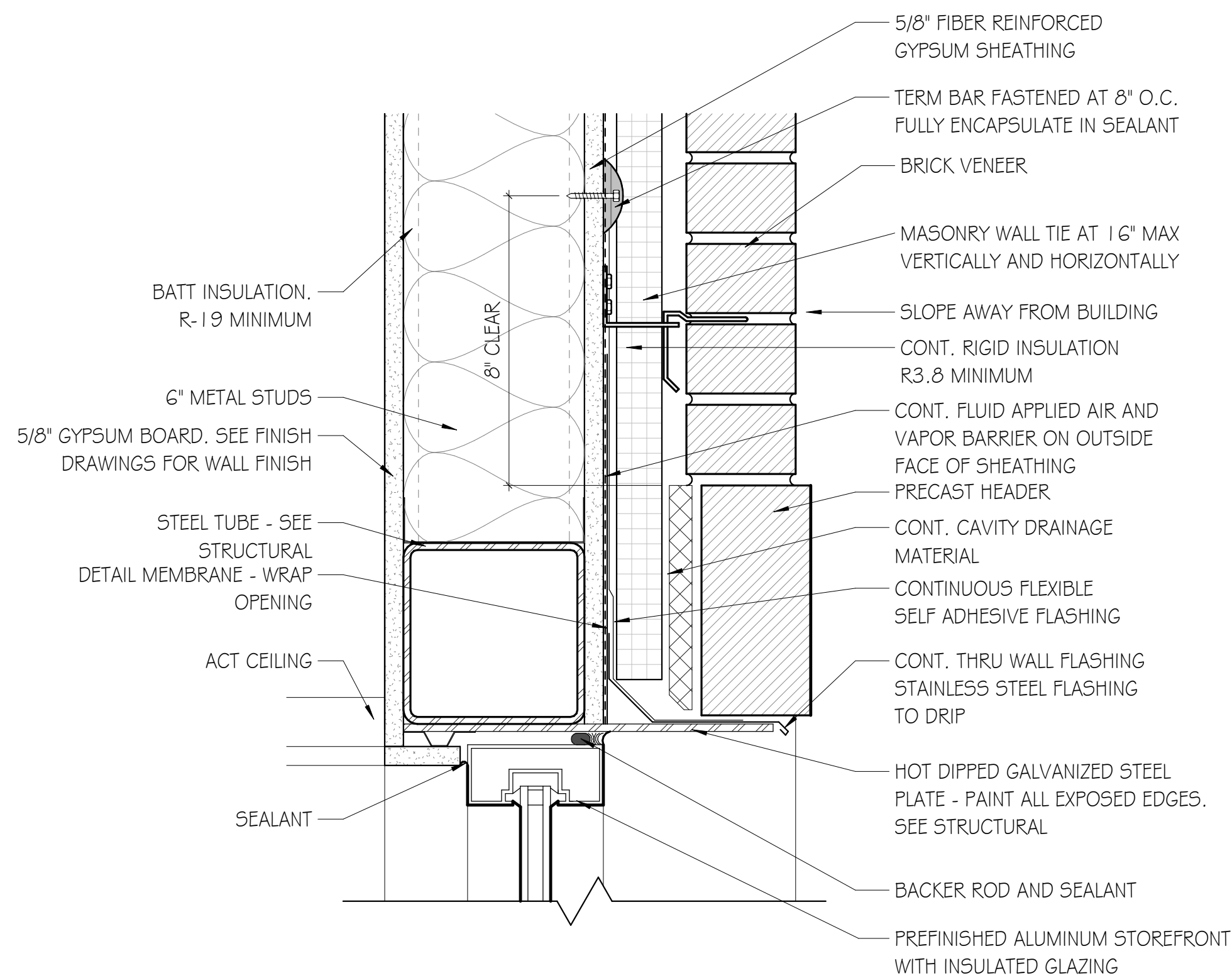
G1 EXT WINDOW HEAD



D1 EXT WINDOW JAMB
SCALE: 3" = 1'-0"

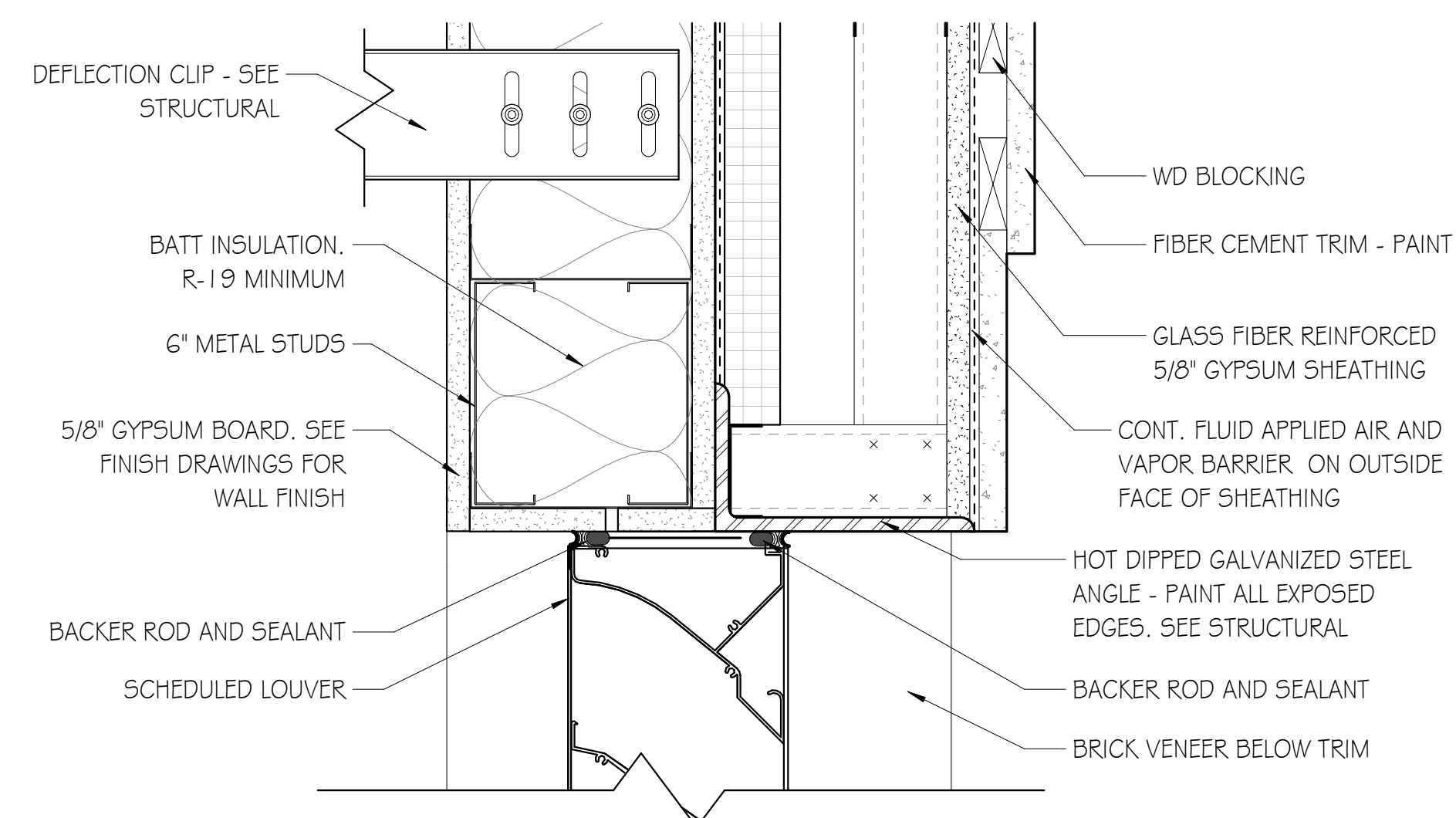


A1 EXT WINDOW SILL
SCALE: 3" = 1'-0"

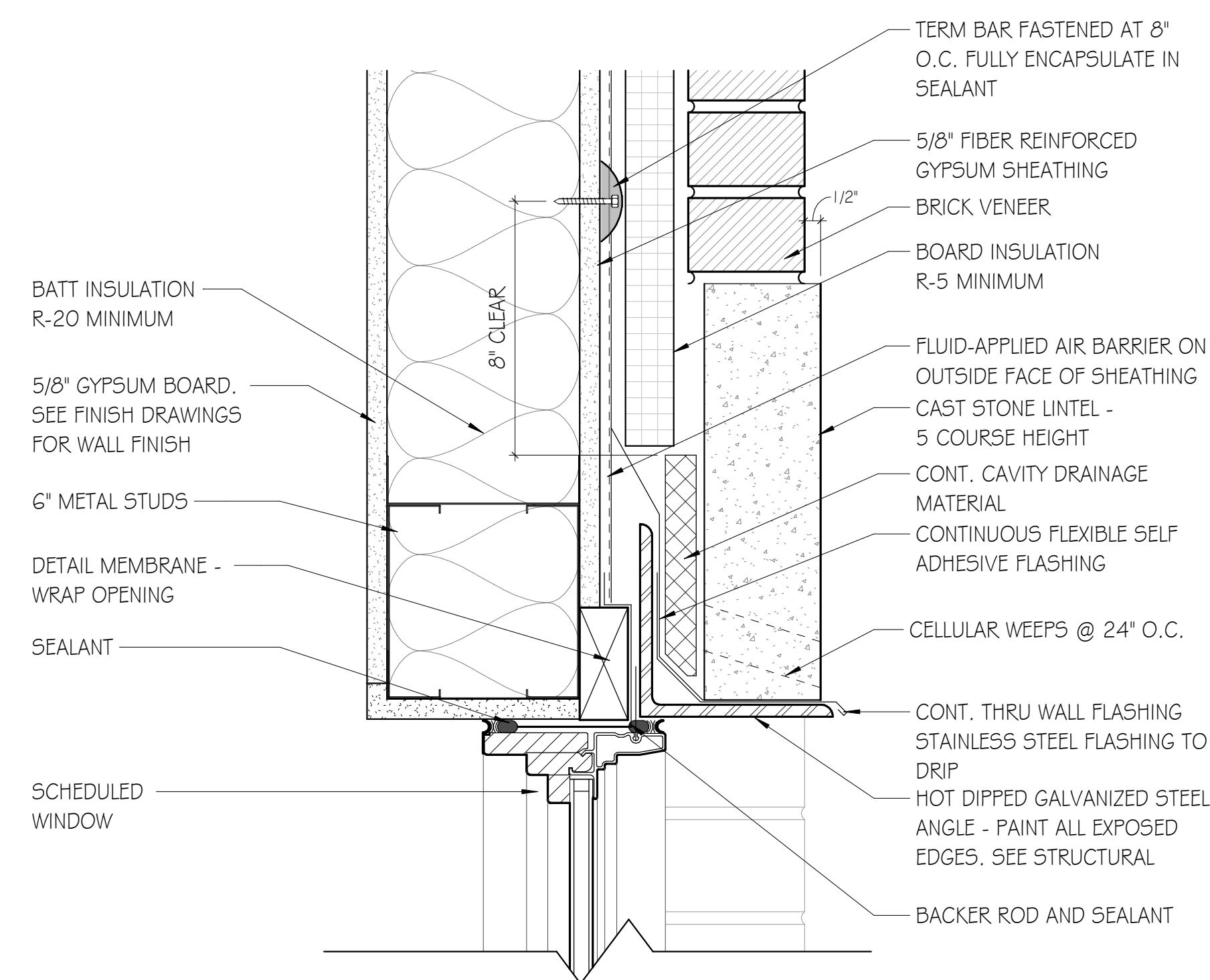


G4 STOREFRONT HEADER

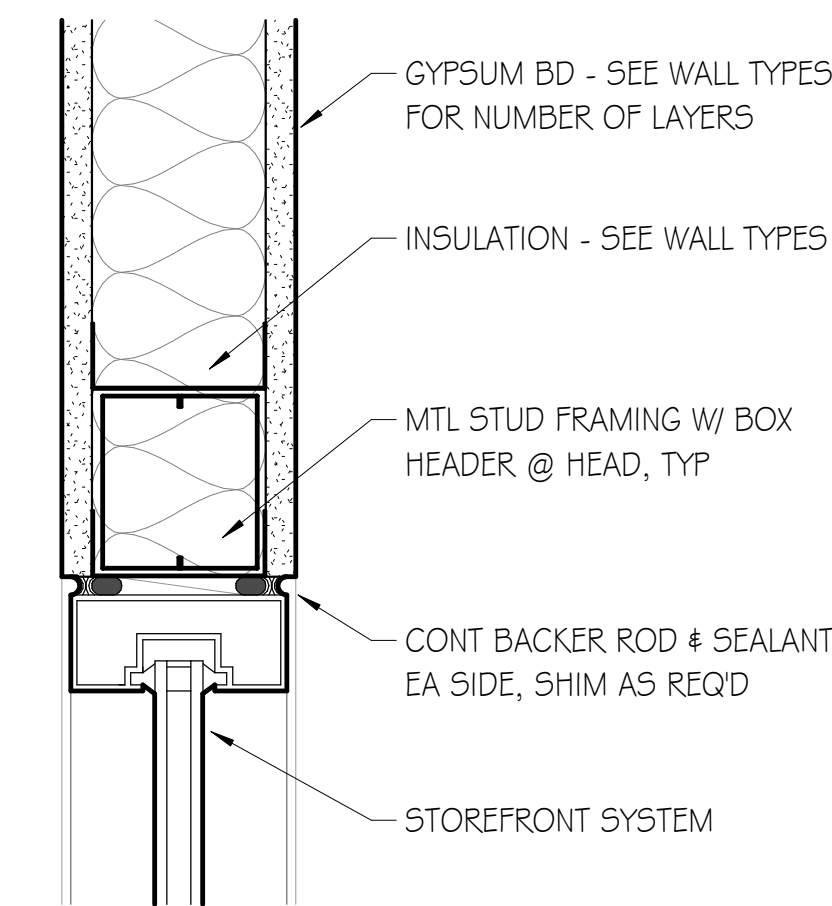
SCALE: 3" = 1'-0"



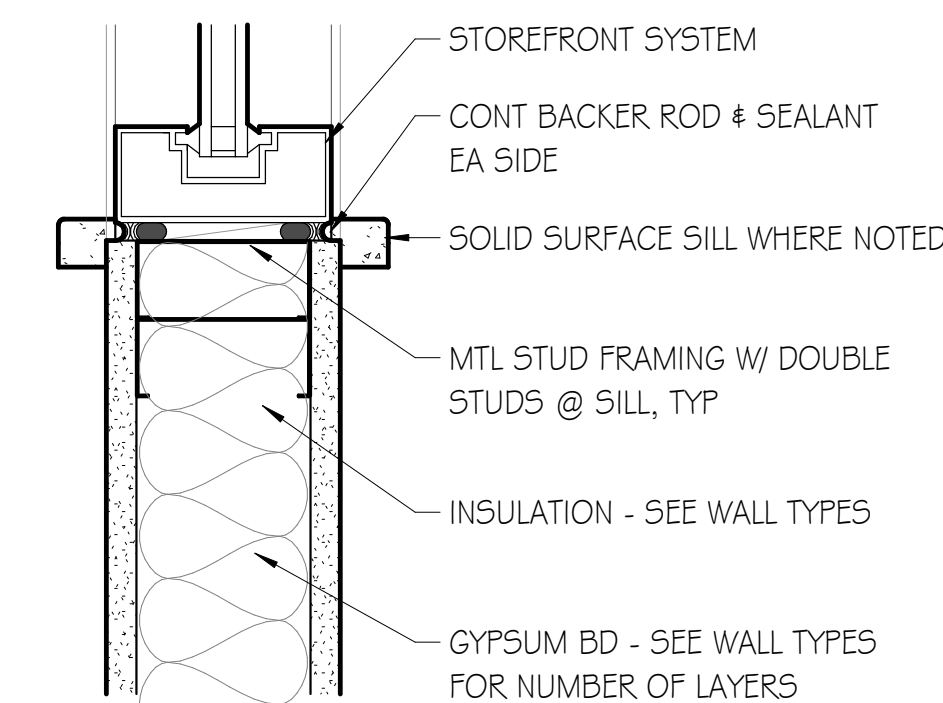
D4 LOUVER HEAD @ FIBER CEMENT TRIM
SCALE: 3" = 1'-0"



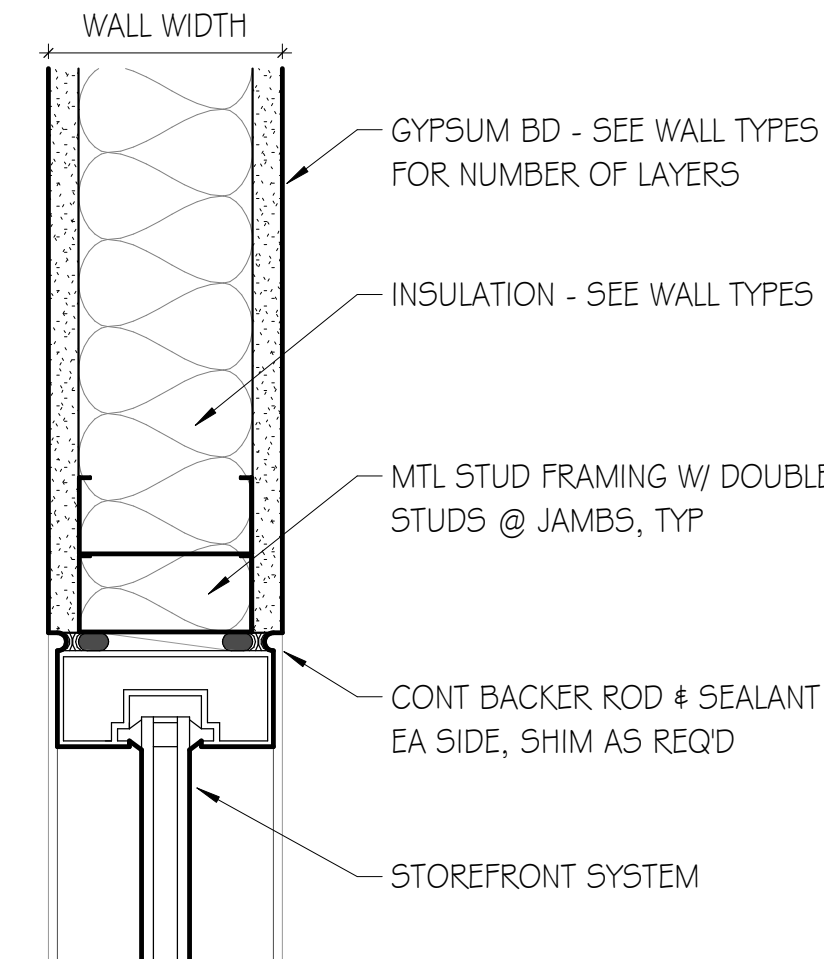
A4 EXT WINDOW HEAD / CAST STONE LINTEL
SCALE: 3" = 1'-0"



H8 INT WIN HEAD - STUD
SCALE: 3" = 1'-0"



F8 INT WIN SILL - STUD
SCALE: 3" = 1'-0"



F10 INT WIN JAMB - STUD
SCALE: 3" = 1'-0"

GLASS SCHEDULE

GLASS TYPES INDICATED ON THE SCHEDULE ARE AS FOLLOWS (SEE SPECIFICATION SECTIONS 08B000 "GLAZING" & 134900 "RADIATION PROTECTION"):

MONOTHCIC:

G1 6.0mm CLEAR, TEMPERED

G2 7.5mm CLEAR, LAMINATED, INTERLAYER COLOR: CLEAR

G3 7.5mm CLEAR, LAMINATED, INTERLAYER COLOR: ARCTIC SNOW

G4 8.0mm CLEAR, FIRE-RATED CARMIC GLAZING, MATCH RATING OF OPNG.

G5 4.0mm(X2) ULTRACLEAR, TEMPERED, 2 LITES + INTEGRAL BLINDS

G6 12.5mm SAFETY, LEAD BORATE GLASS, SEE SPECIFICATIONS

G7 12.5mm SAFETY, LASER RATED, SEE SPECIFICATIONS

INSULATING:

IG1 1 INCH INSULATING, VISION LITE

IG2 1 INCH INSULATING, SPANDELL LITE

SPECIALTY GLASS:

RG1 RF-SHIELDED GLASS AT MRI ROOM TO BE PROVIDED UNDER RF-SHIELDED ENCLOSURE PACKAGE

ISSUE	DATE
ISSUE FOR BID	08/20/2026
DRAWN BY:	SC

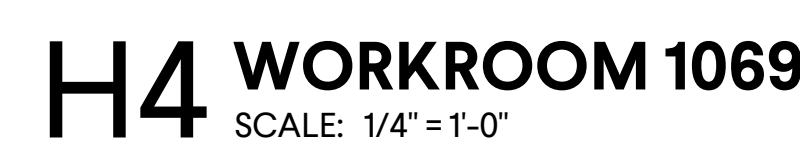
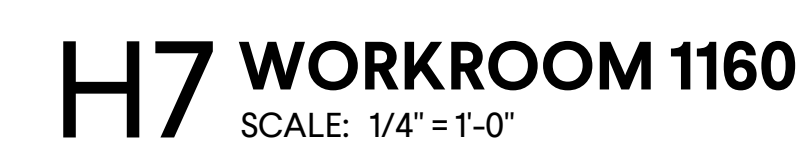
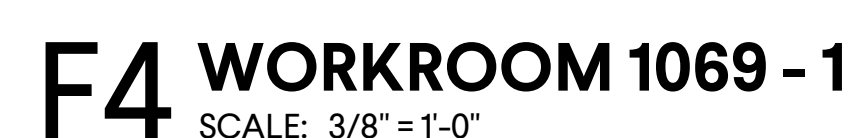
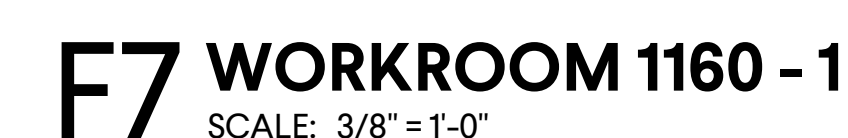
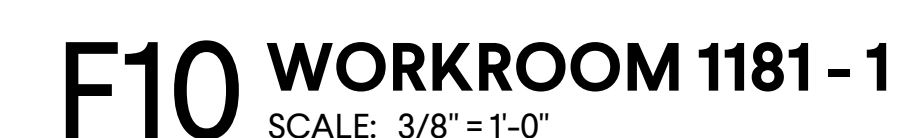
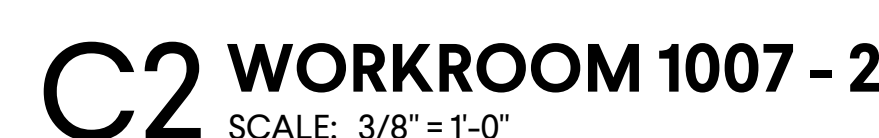
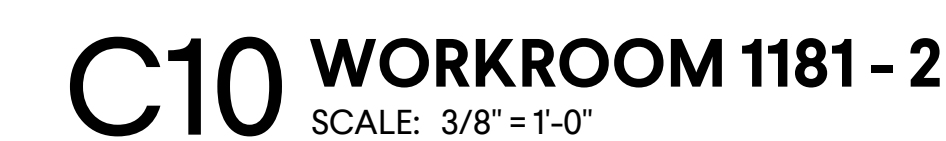
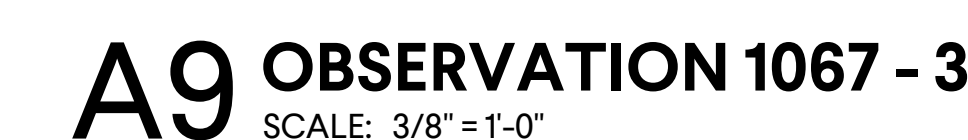
HOUSTON COUNTY DHR
172 Prevatt Rd
Dothan, Alabama 36301
GMC # ABHM250019

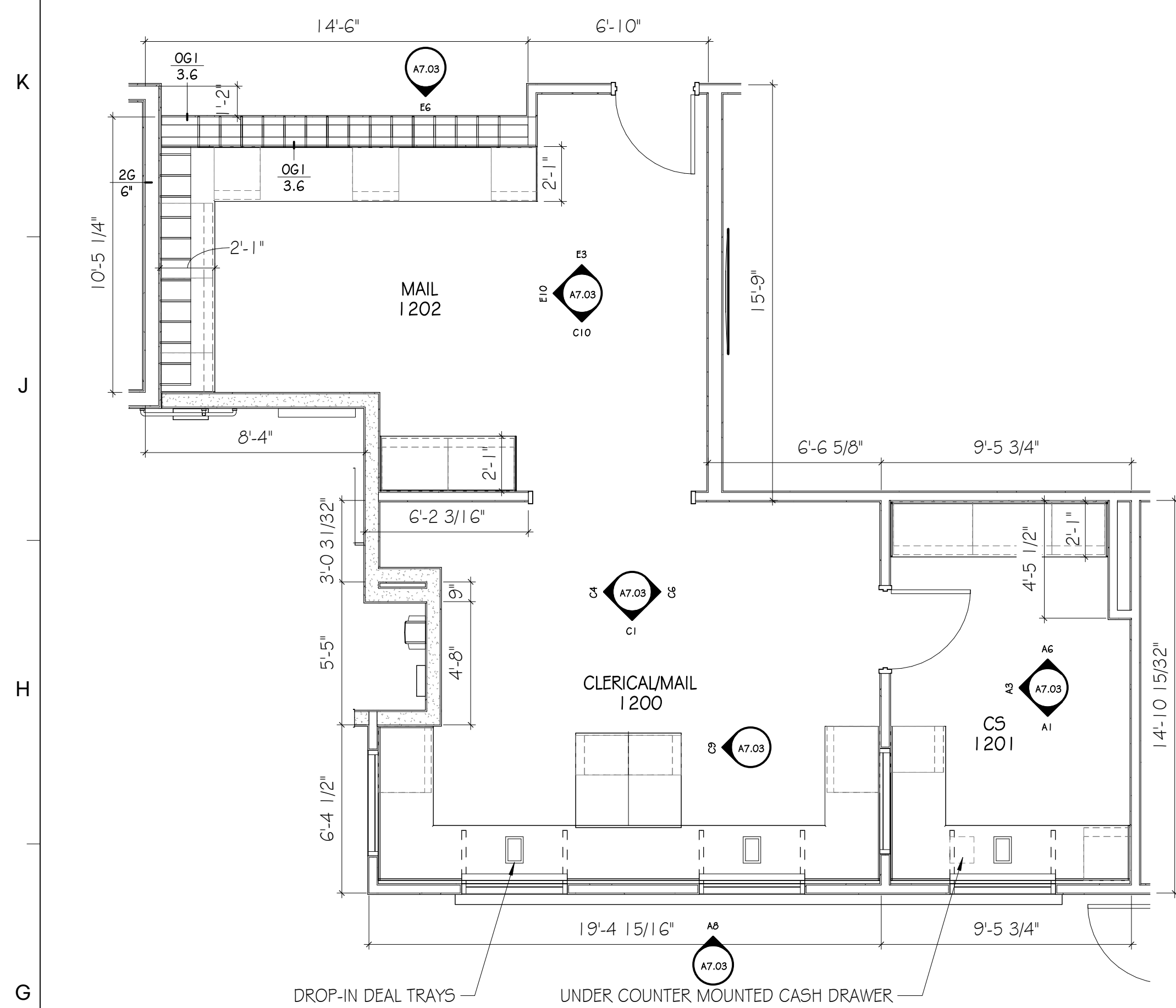
WINDOW DETAILS

A6.11

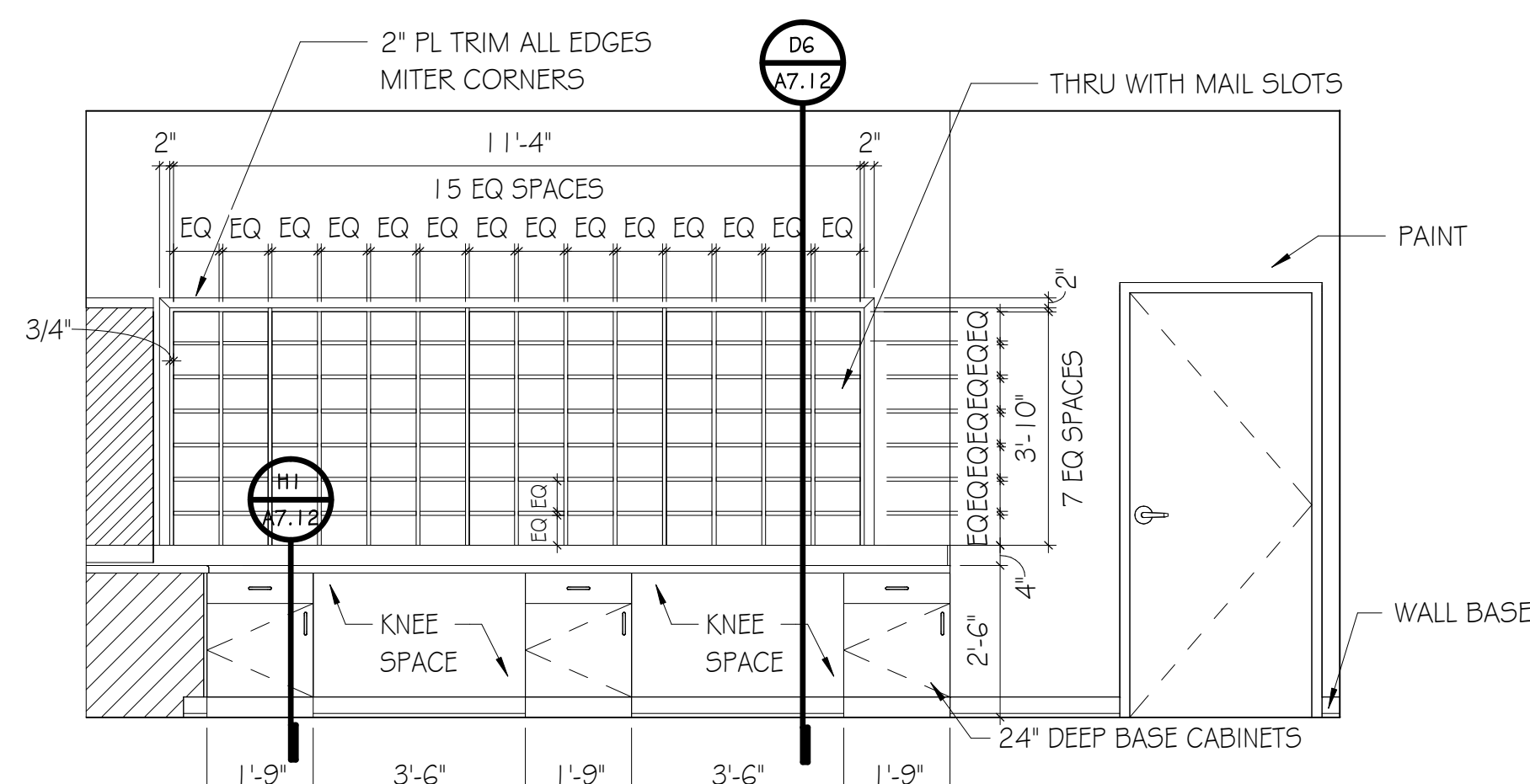
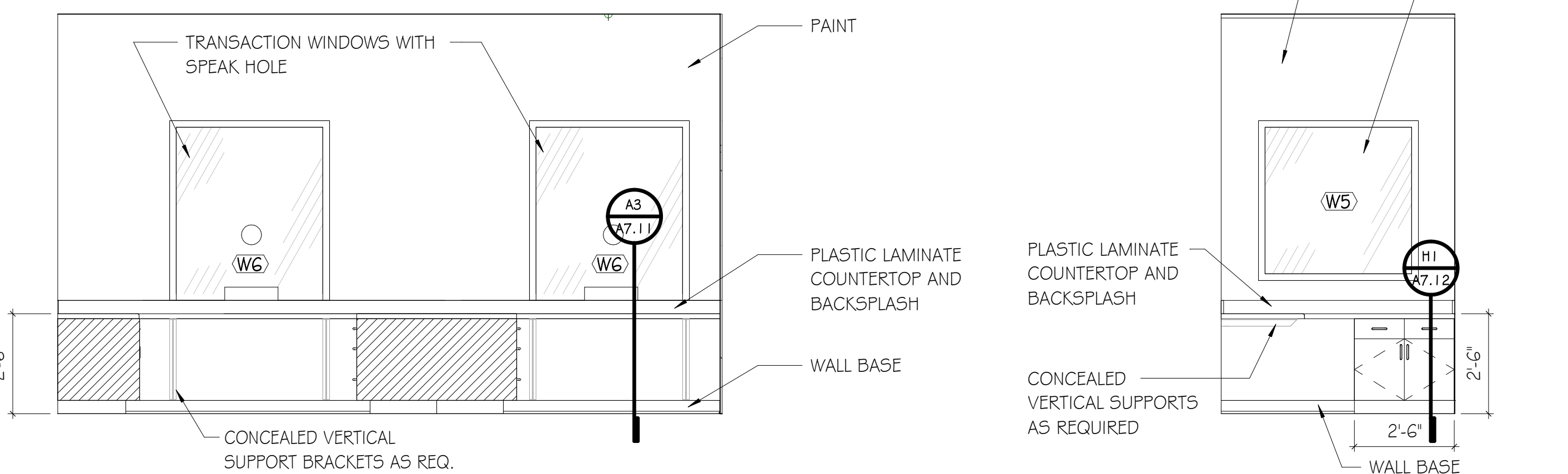
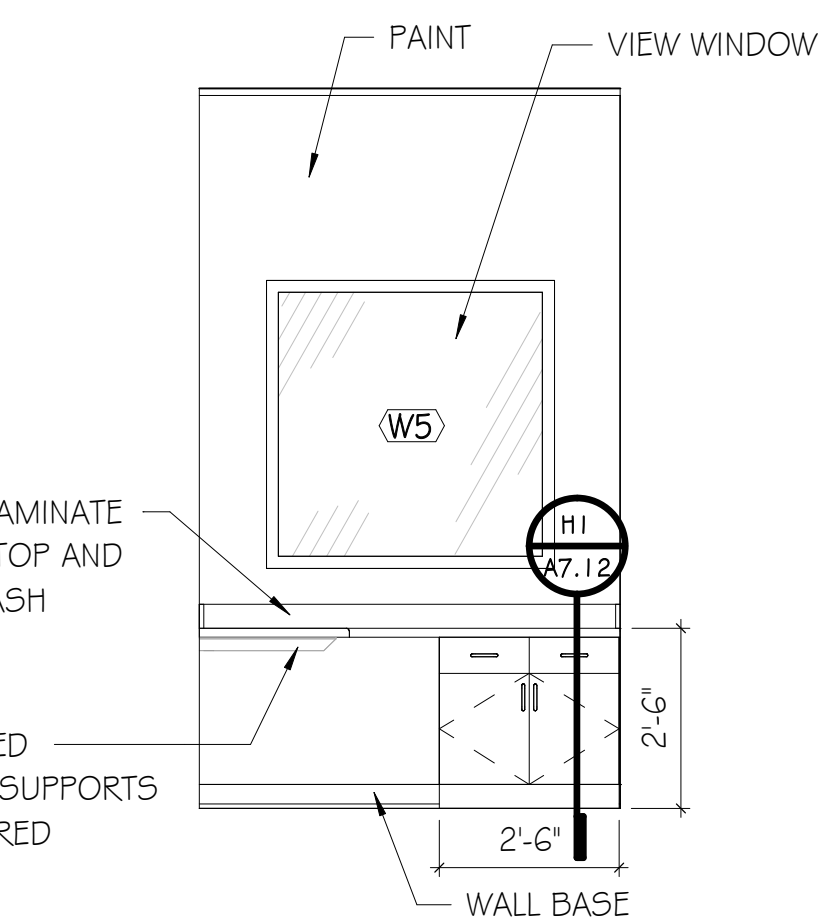
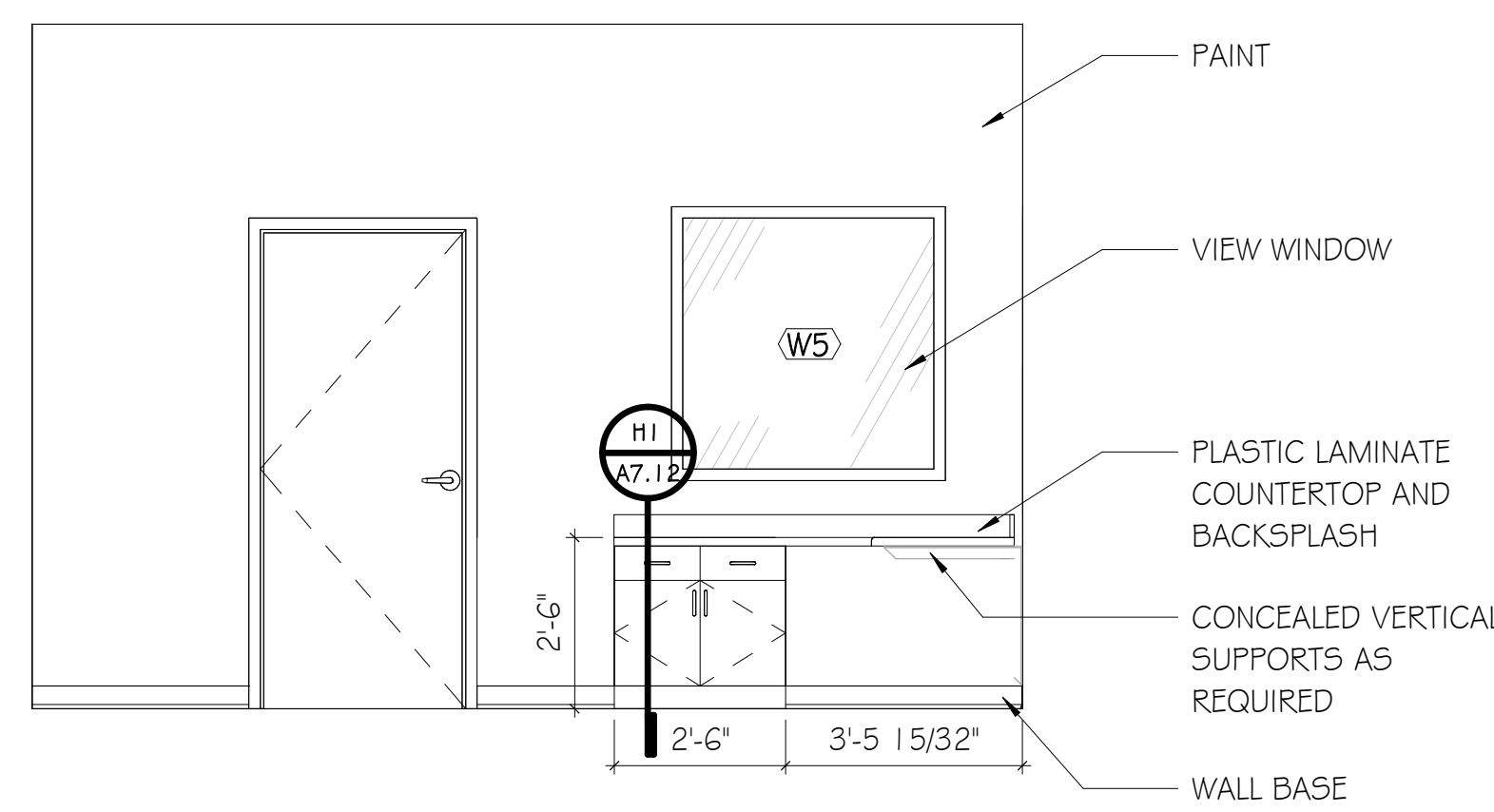
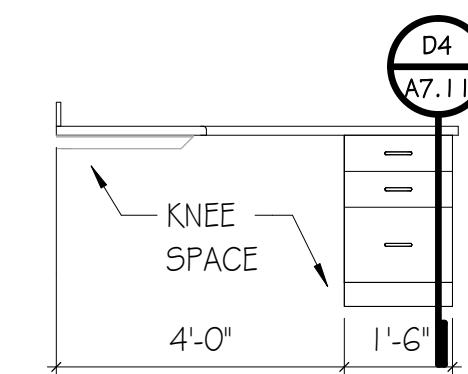
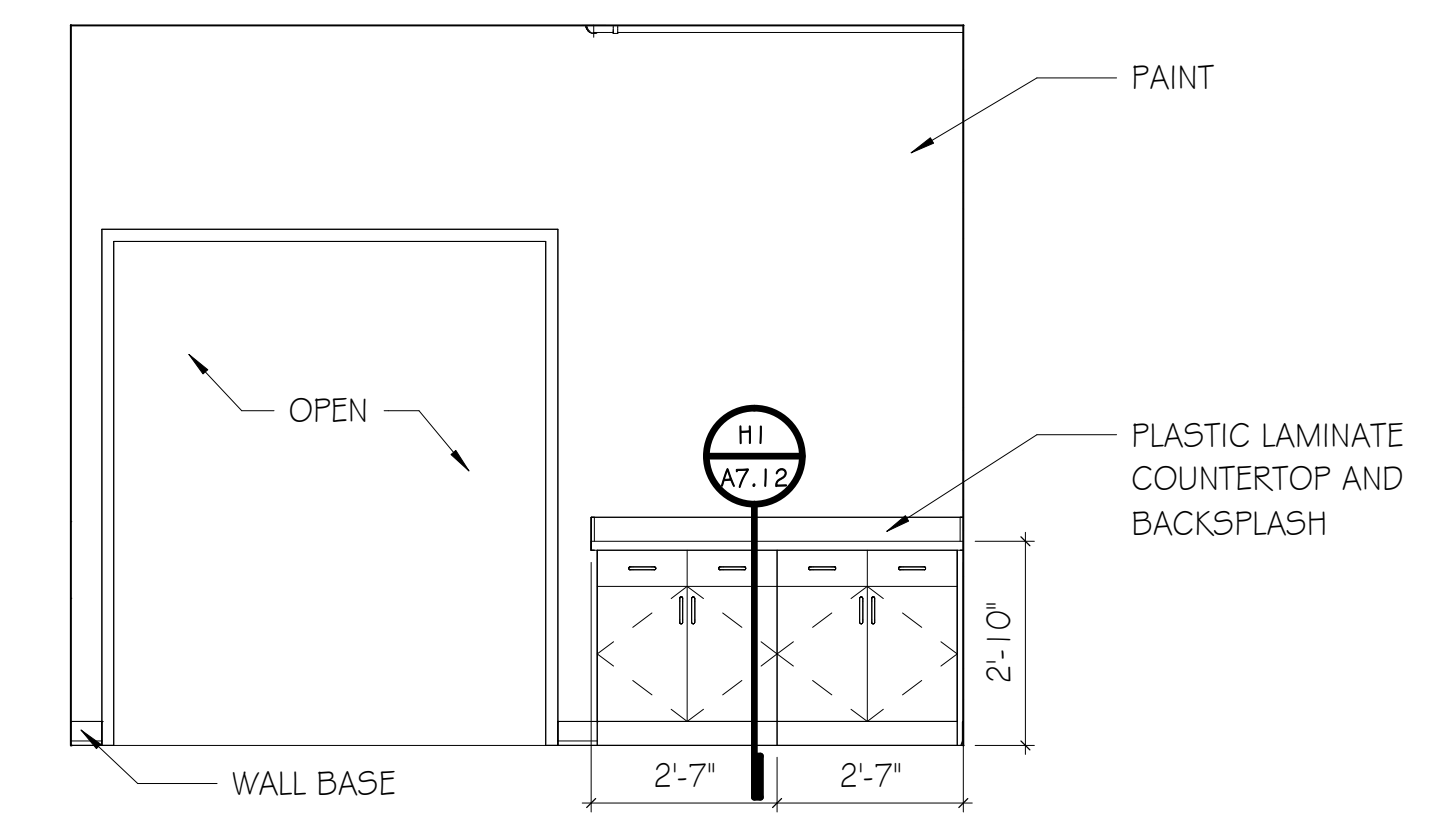
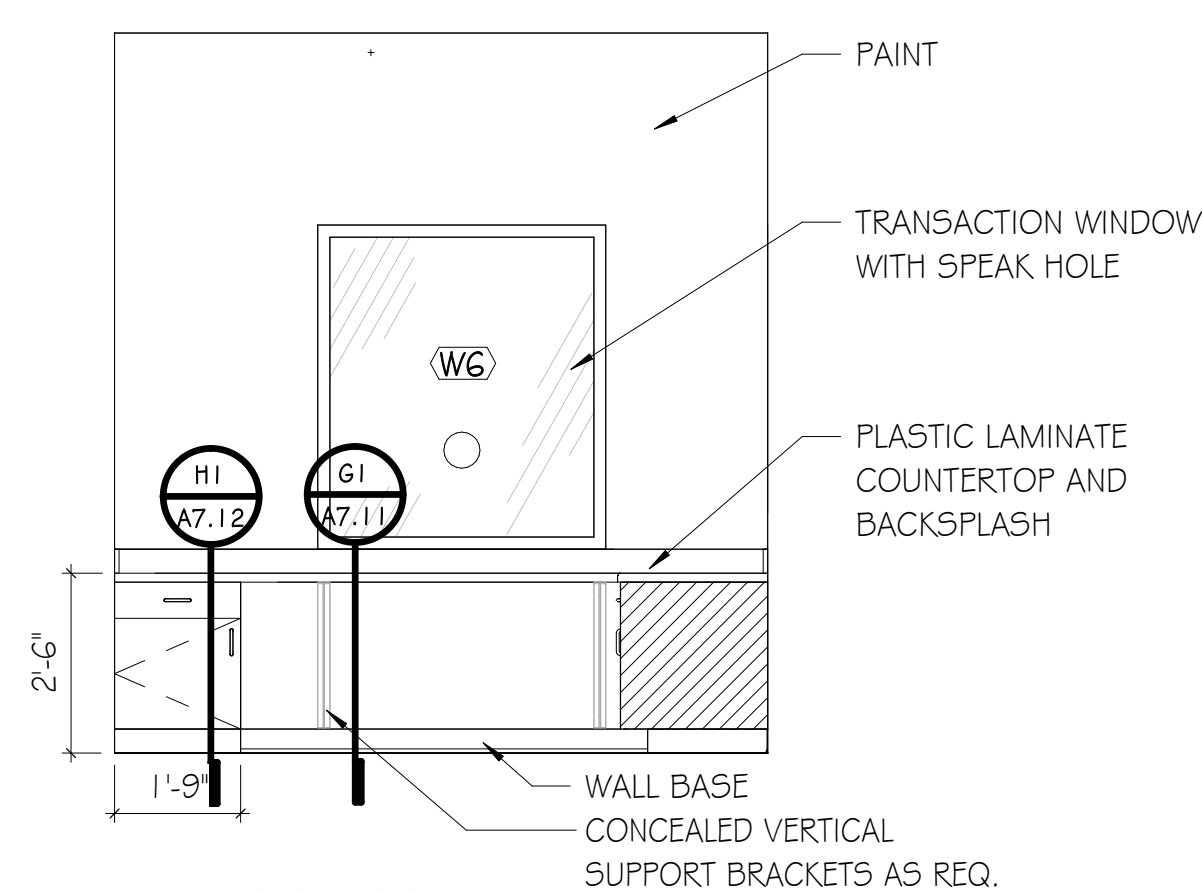
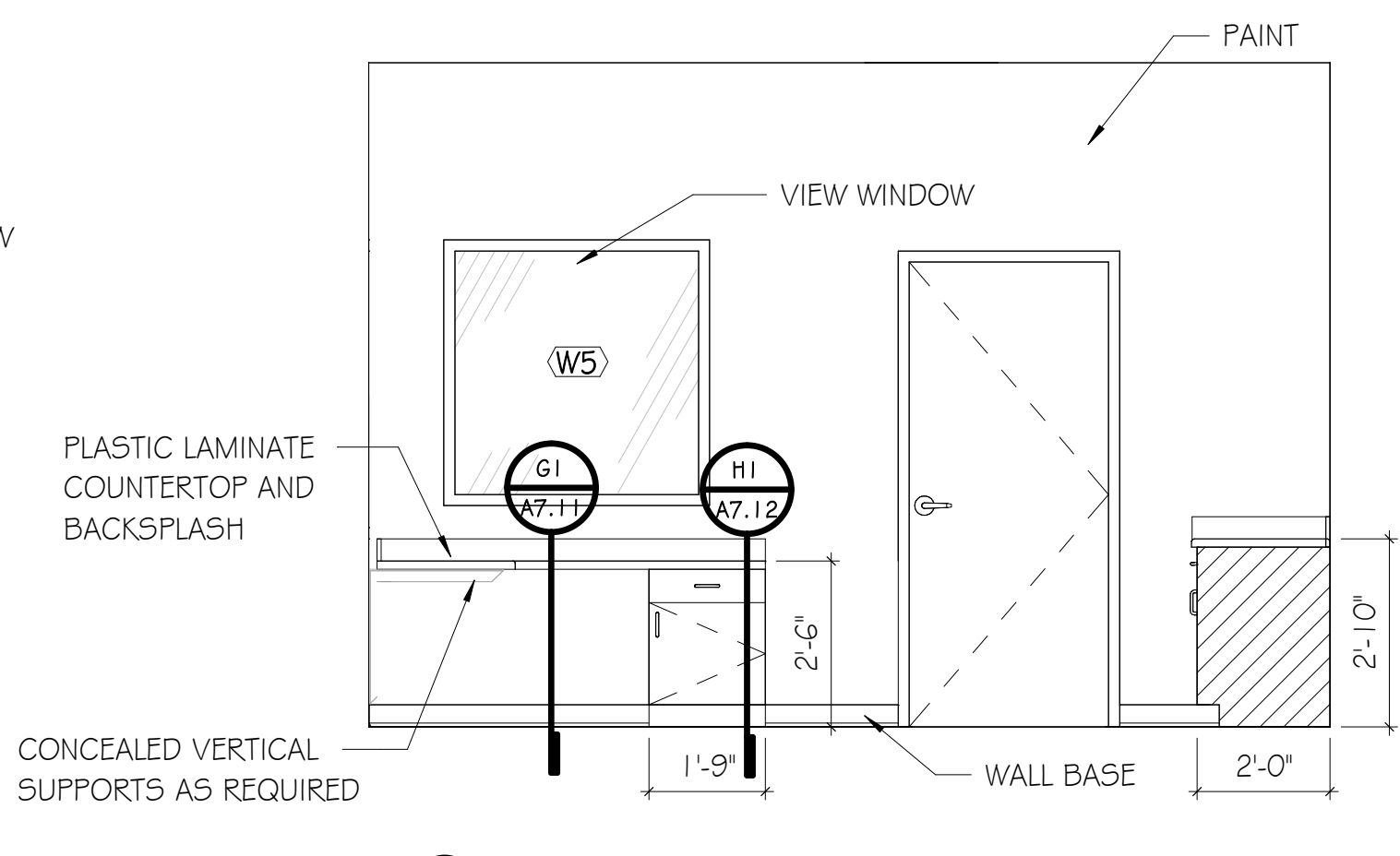
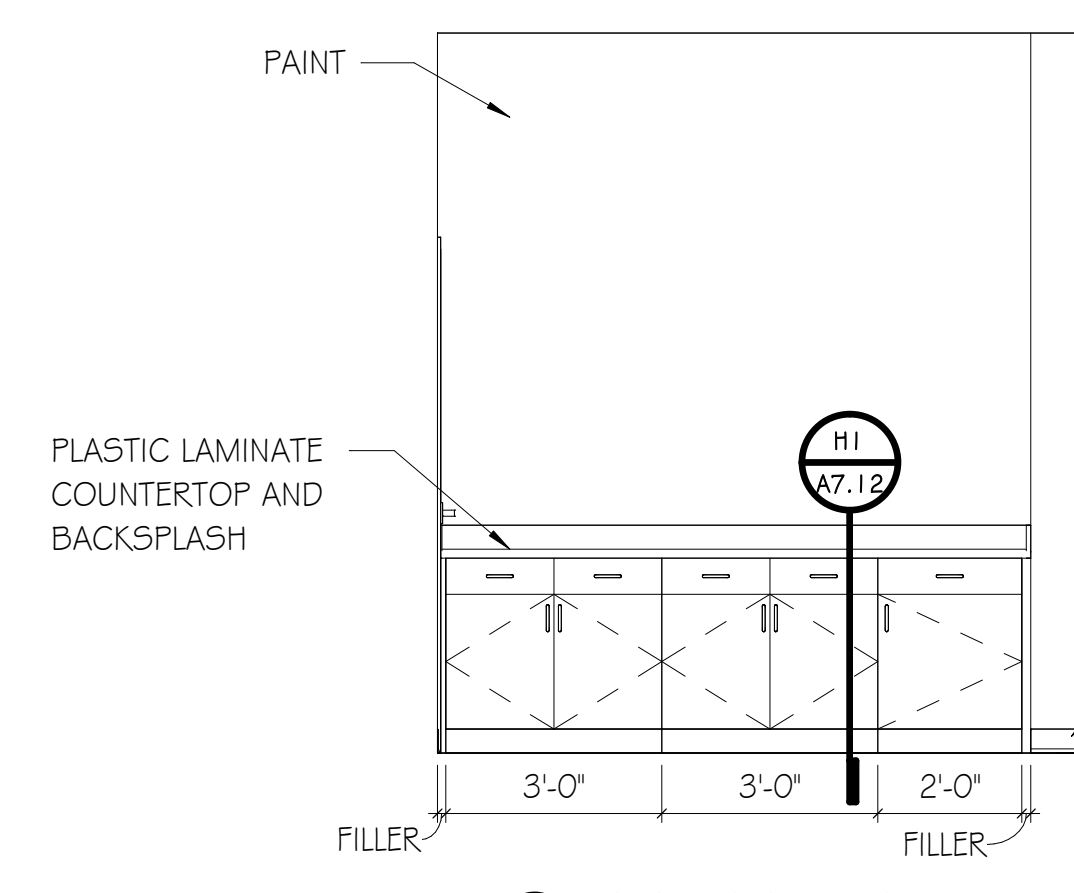
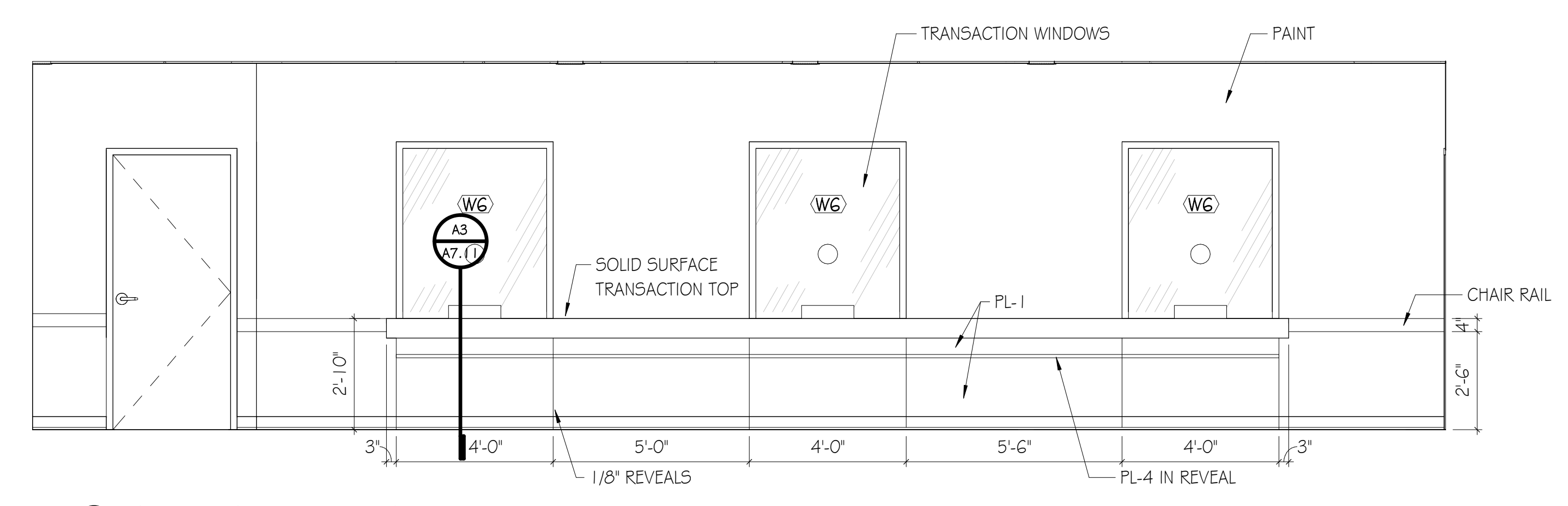
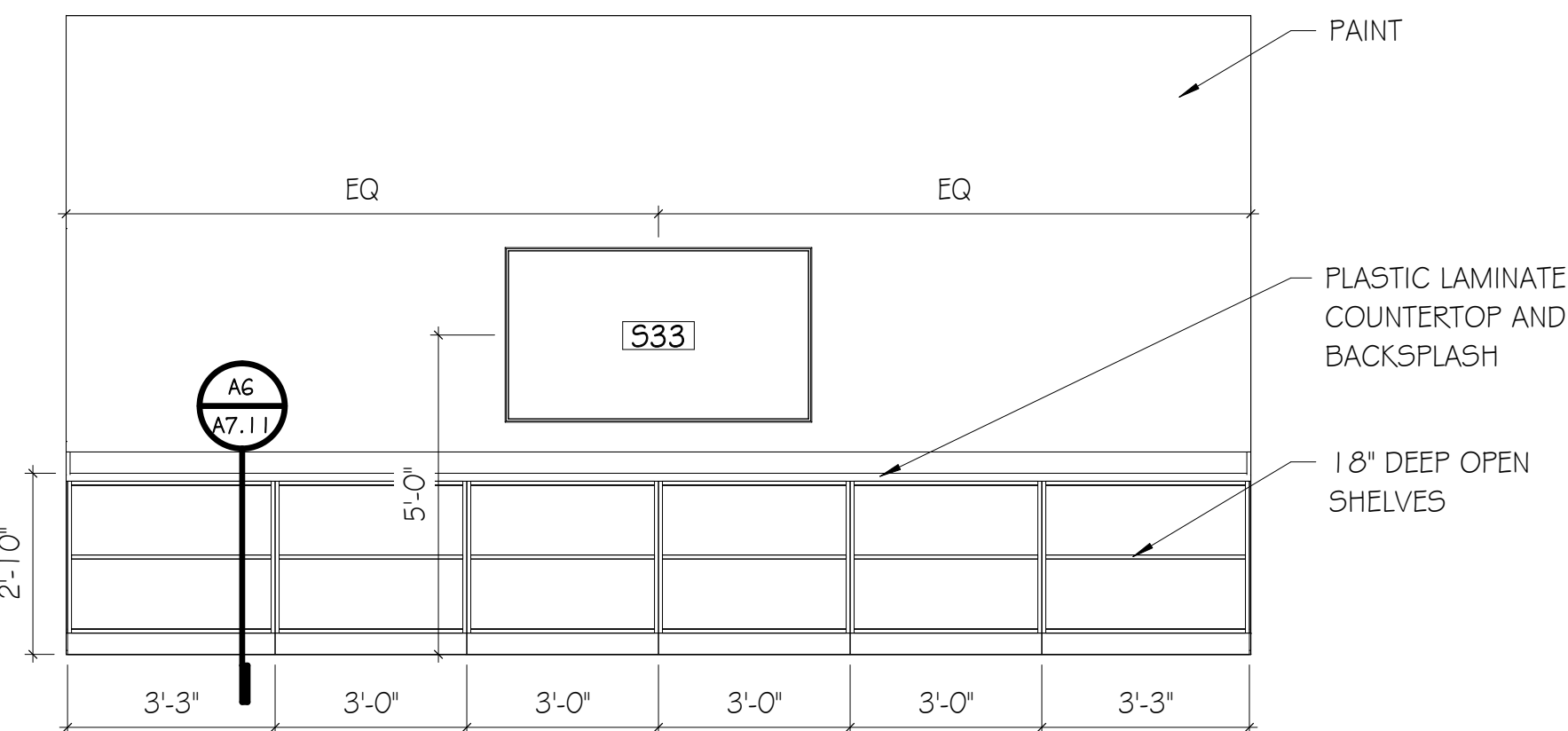
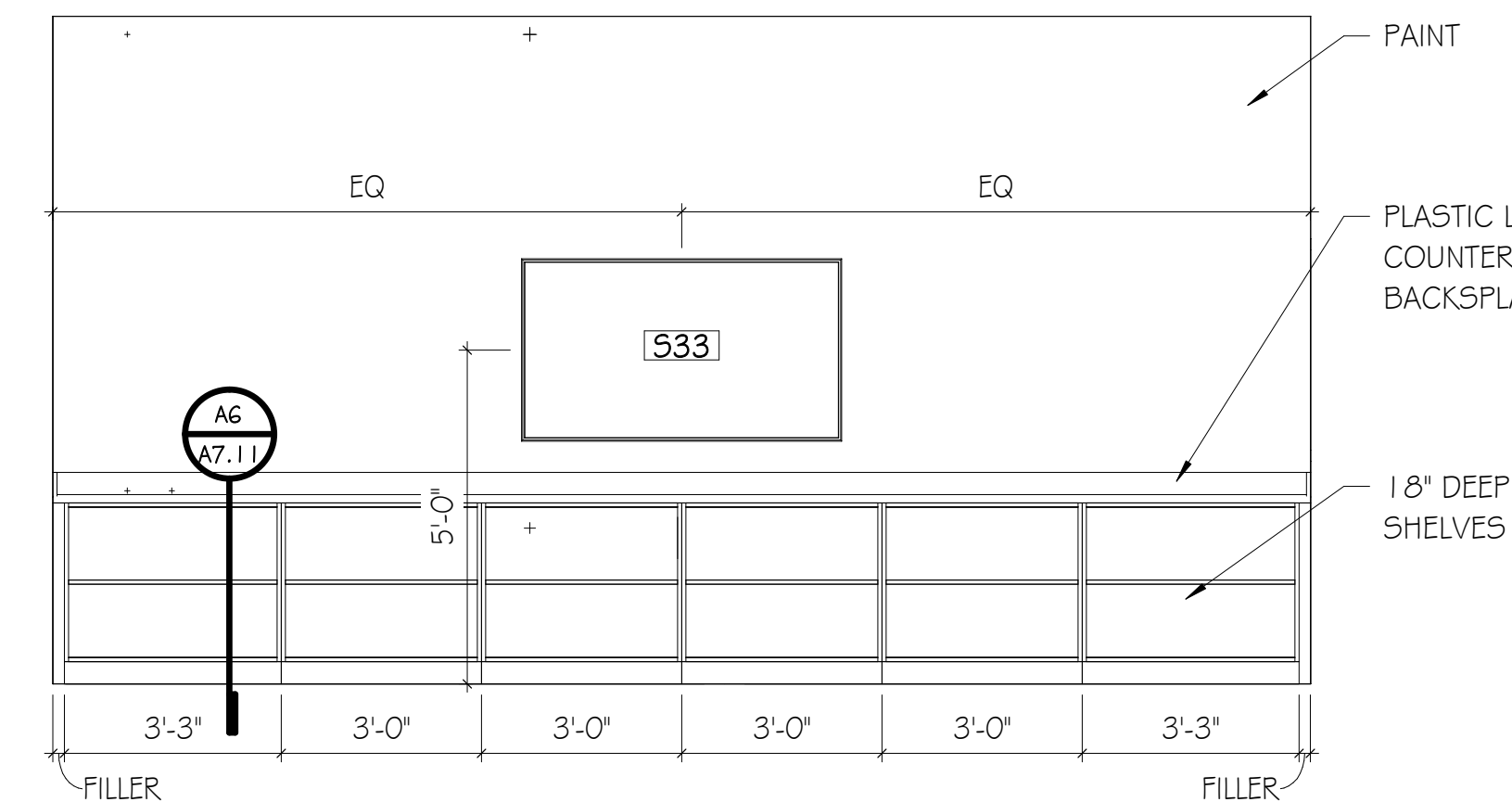
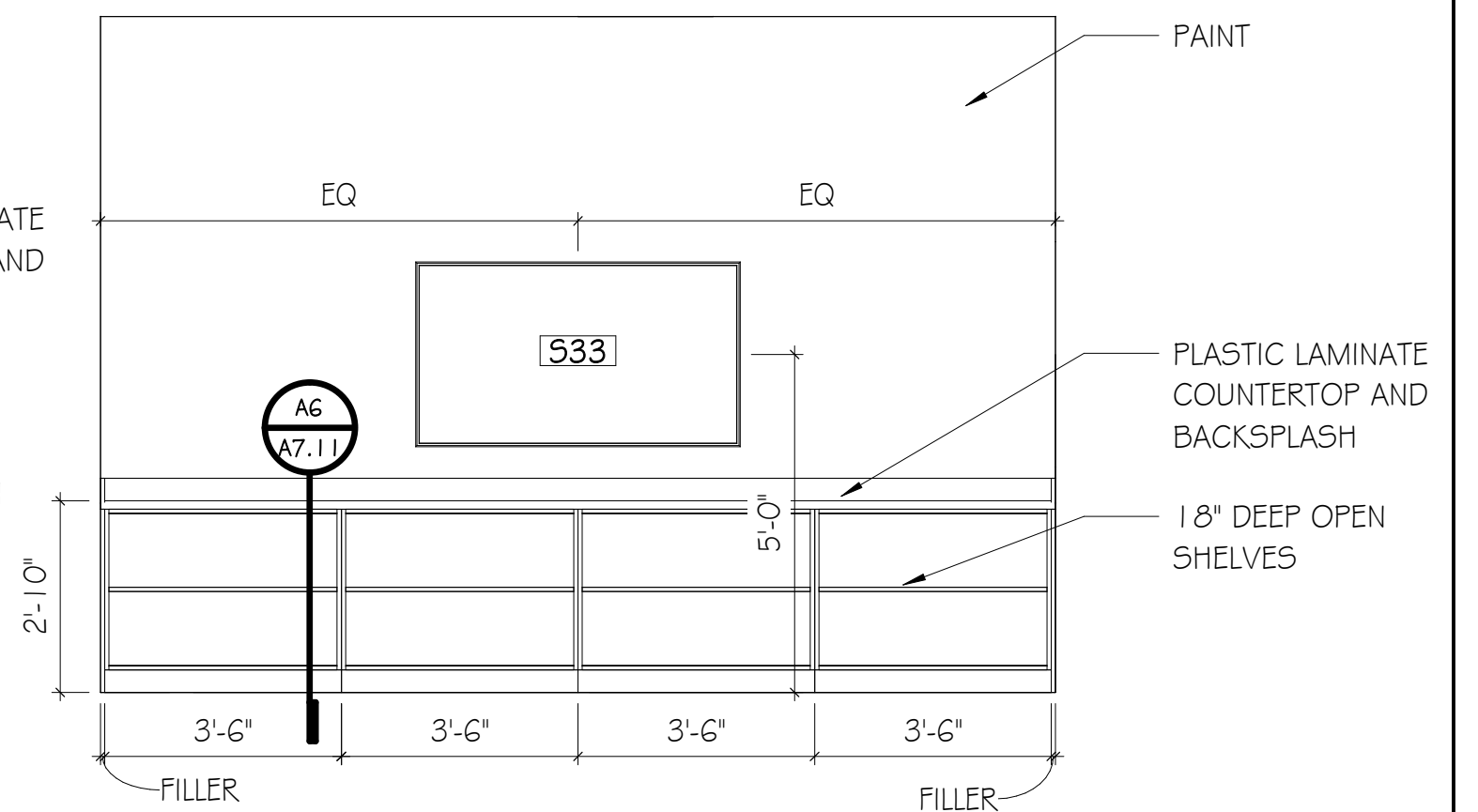
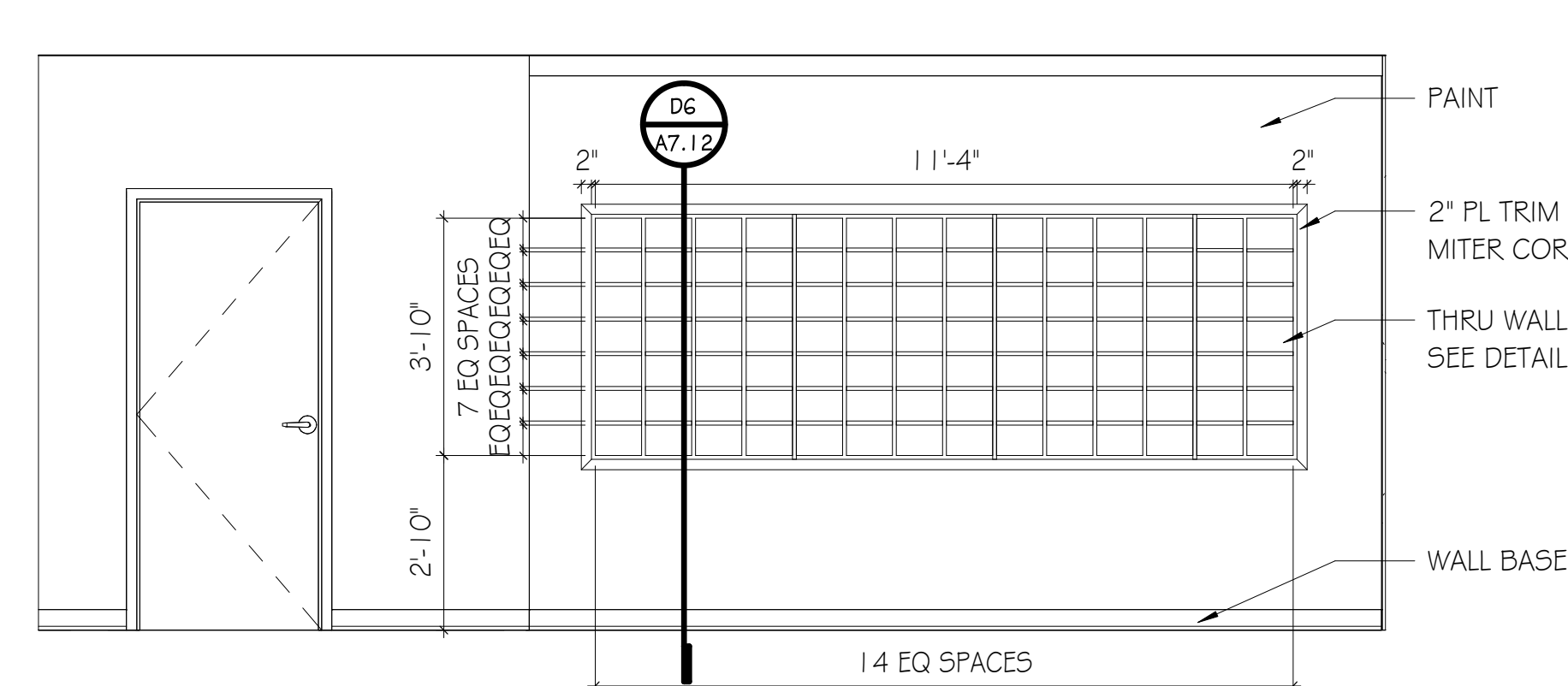
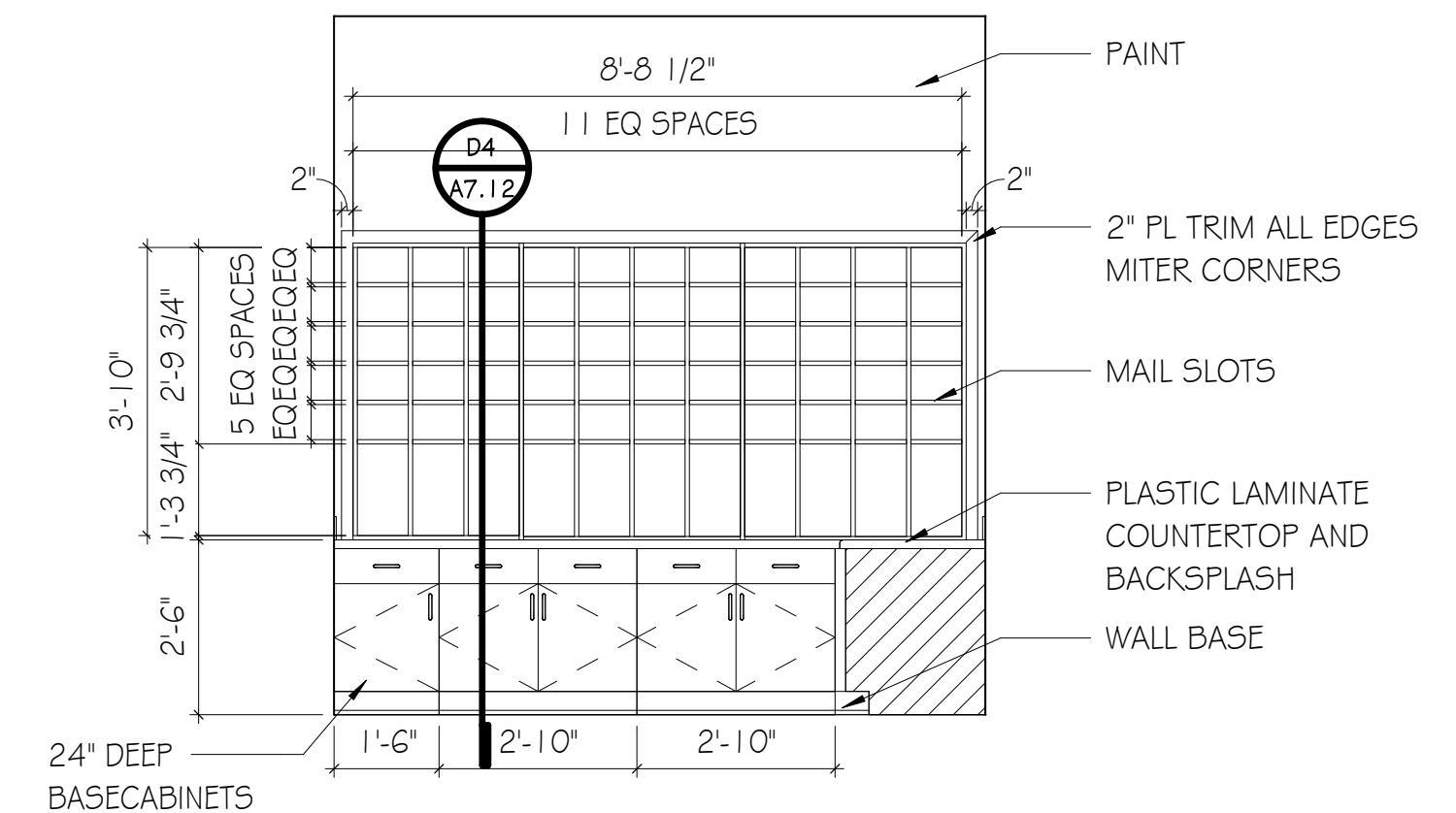
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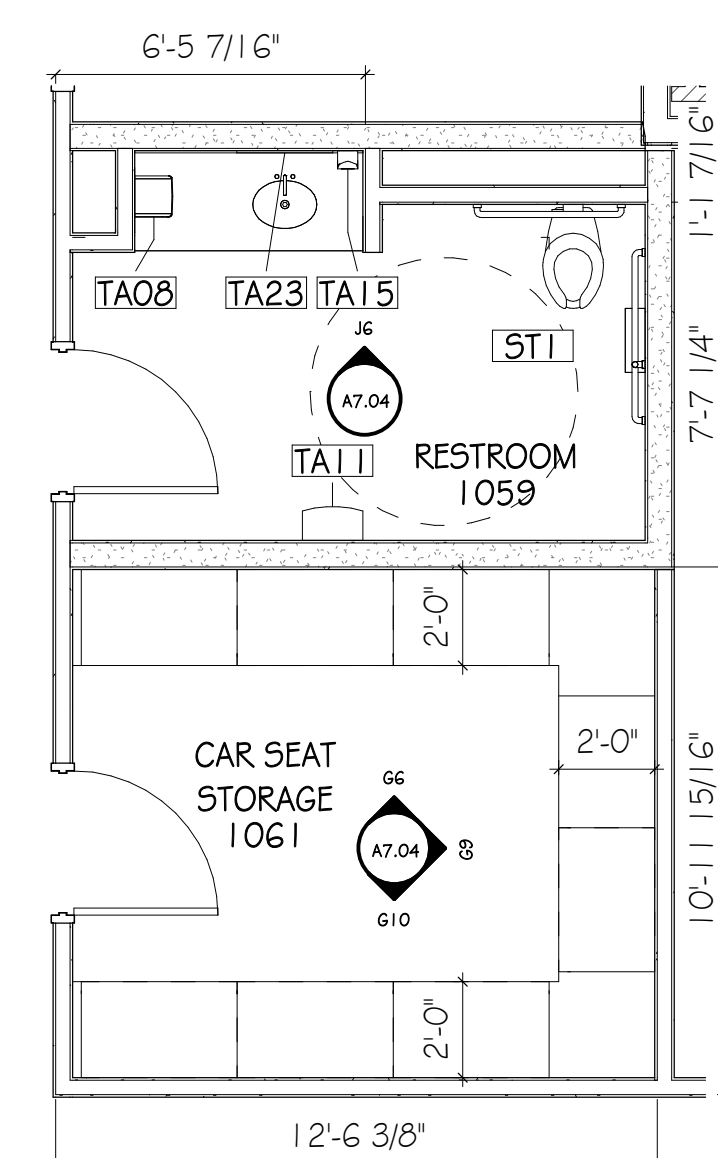
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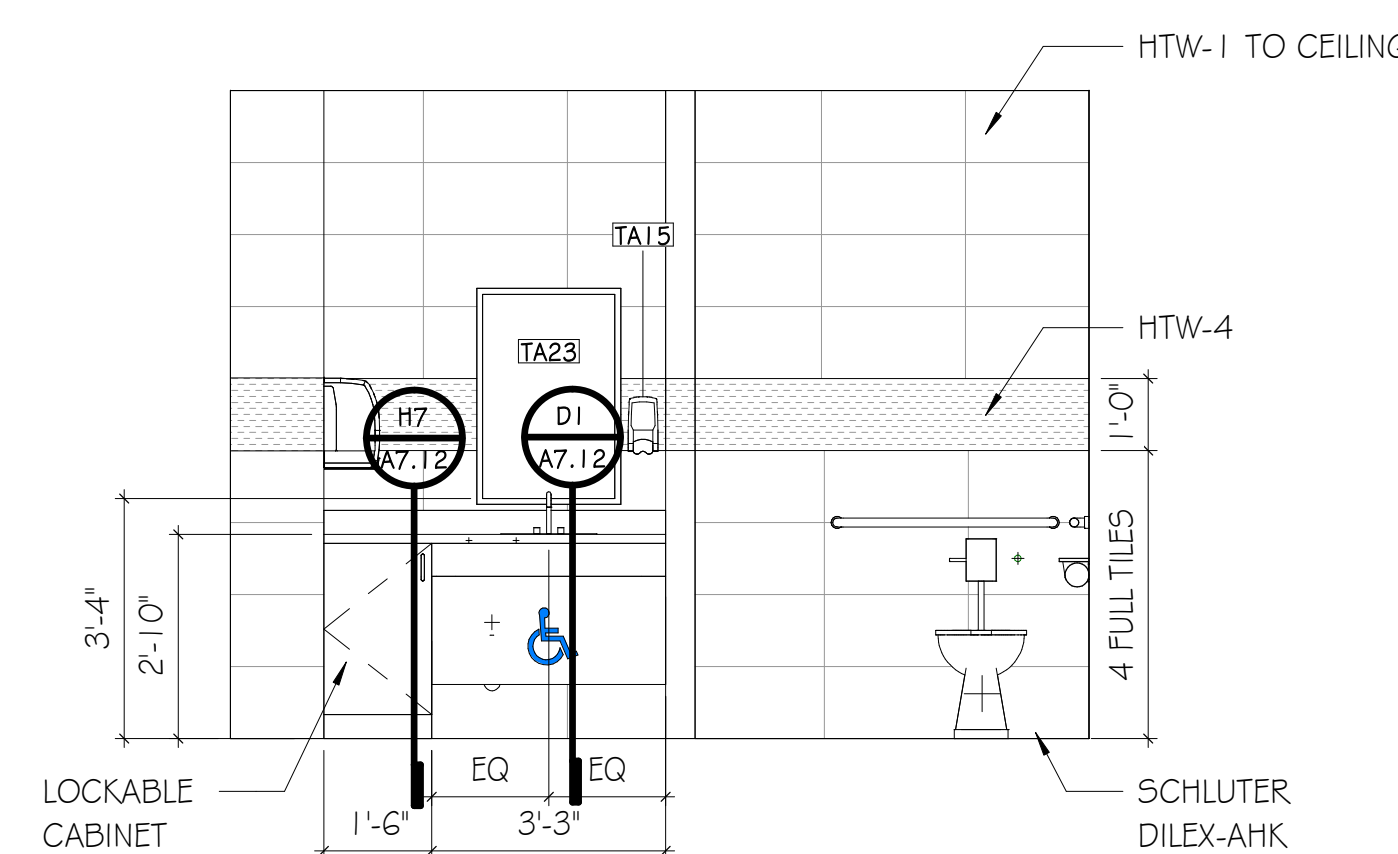


G1 MAIL / CLERICAL / CS
SCALE: 1/4" = 1'-0"

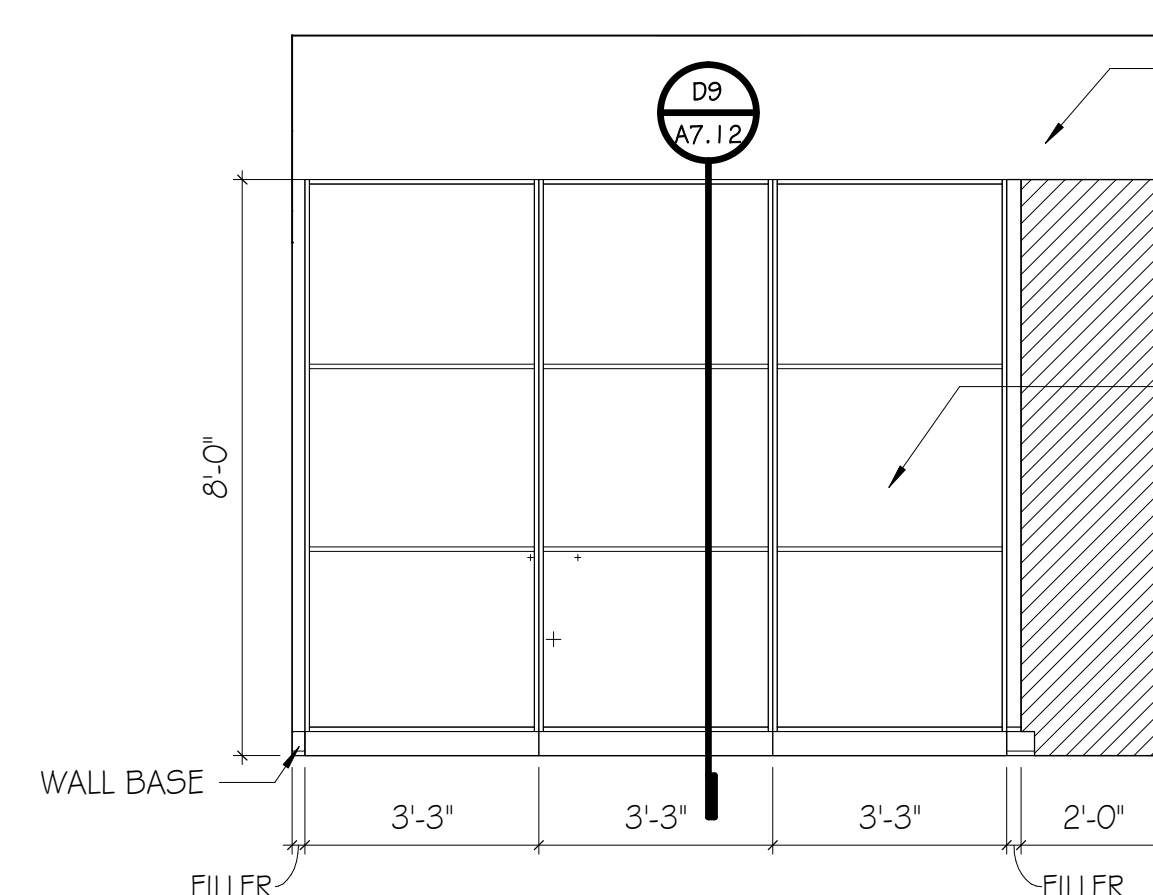




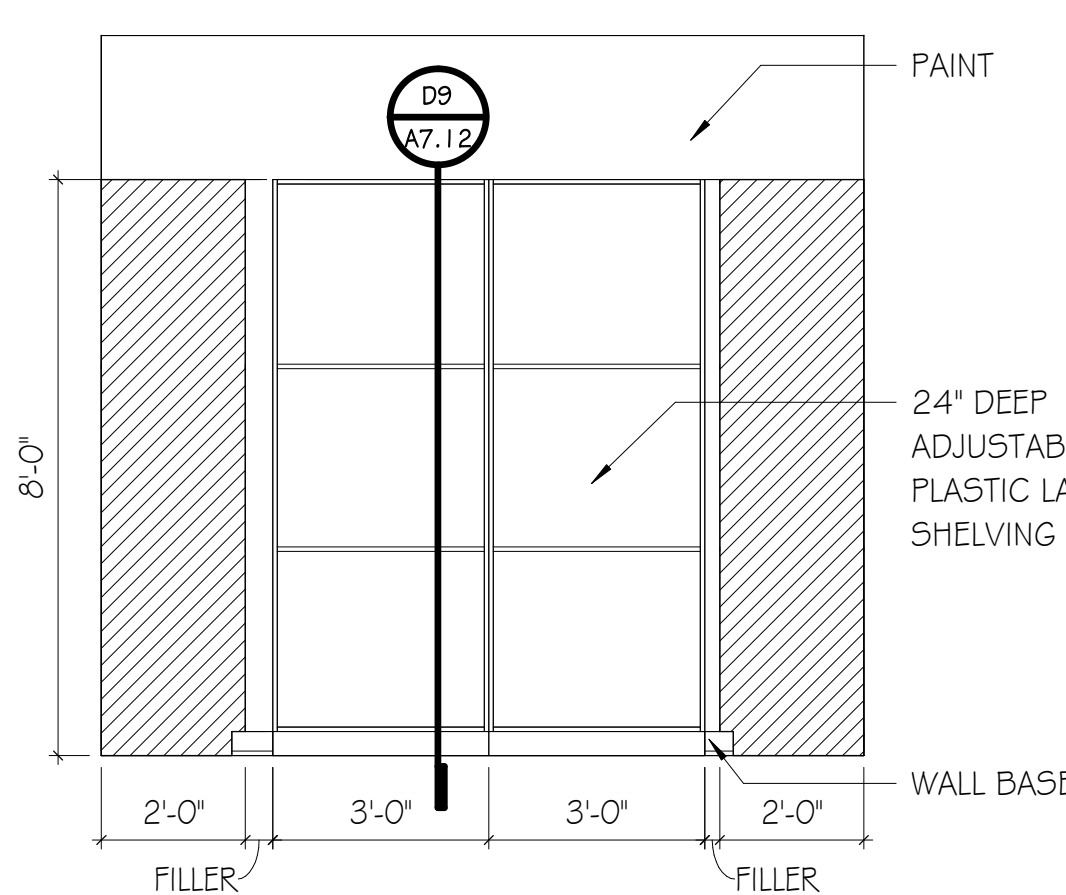
G4 ILP STORAGE / CAR SEAT STORAGE



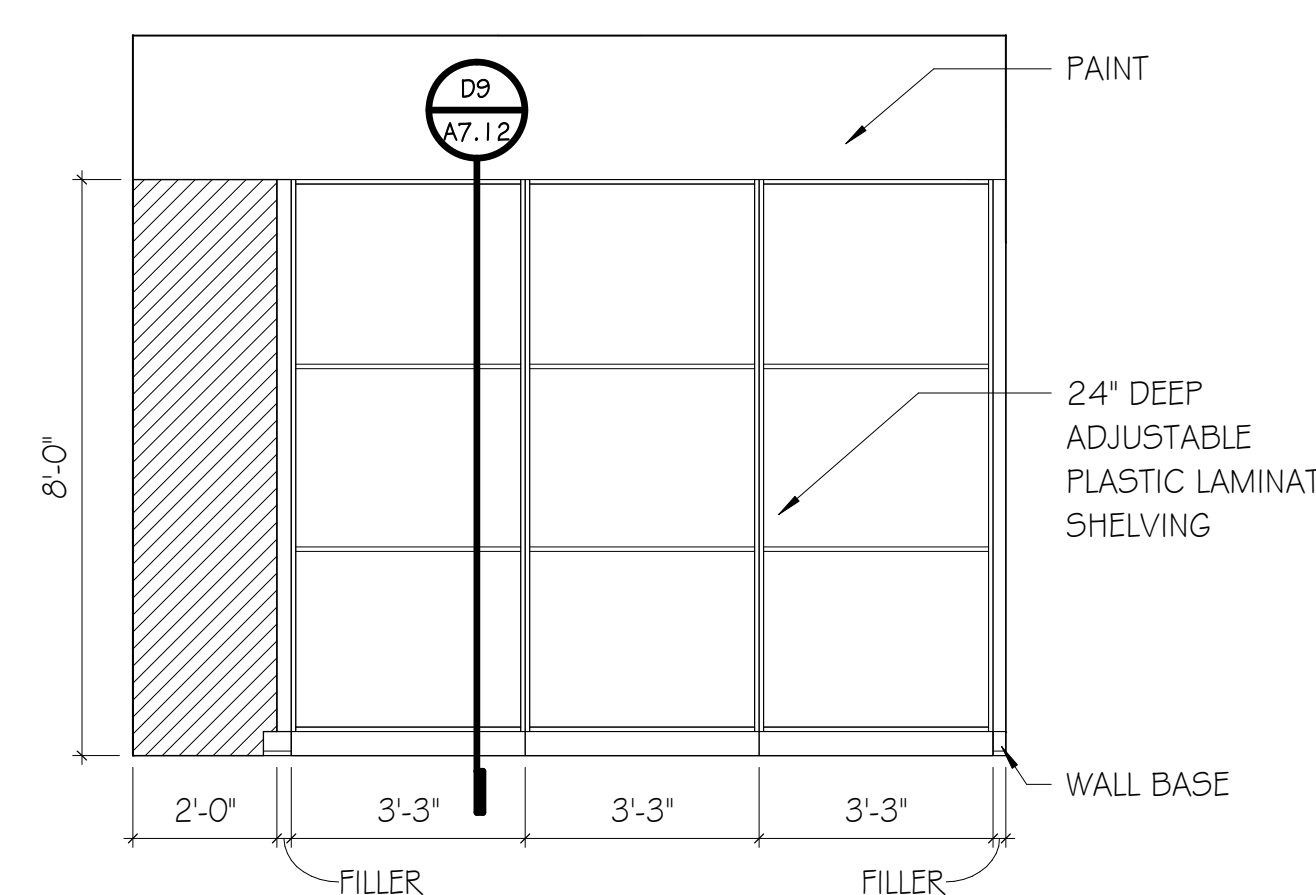
J6 RESTROOM 1059
SCALE: 3/8" = 1'-0"



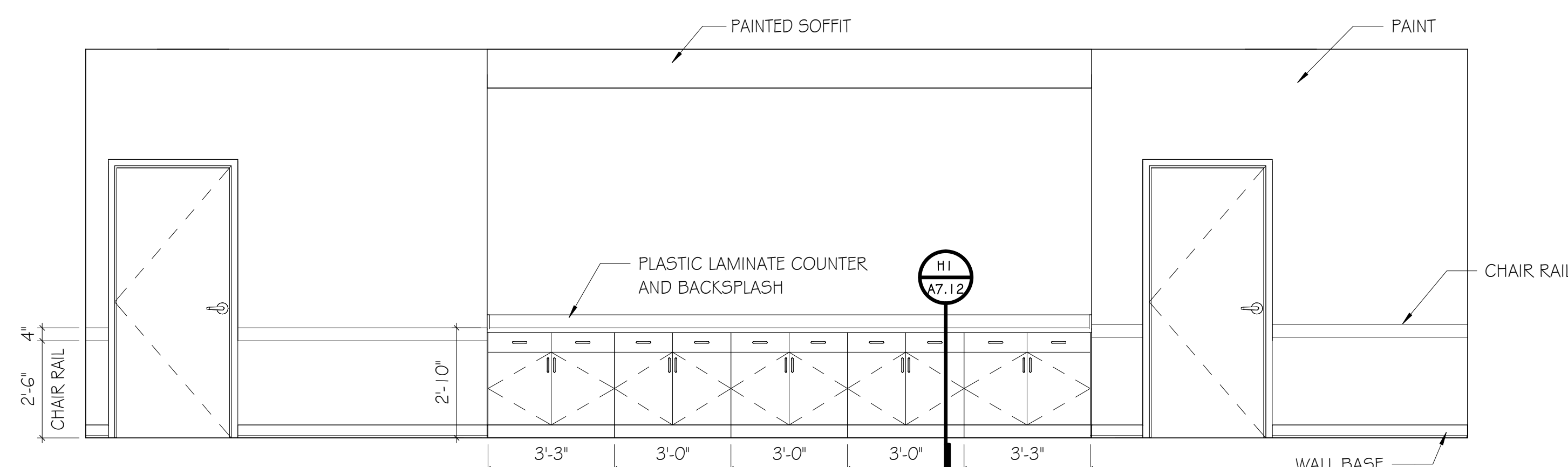
G6 CAR SEAT STORAGE 1079 - 1
SCALE: 3/8" = 1'-0"



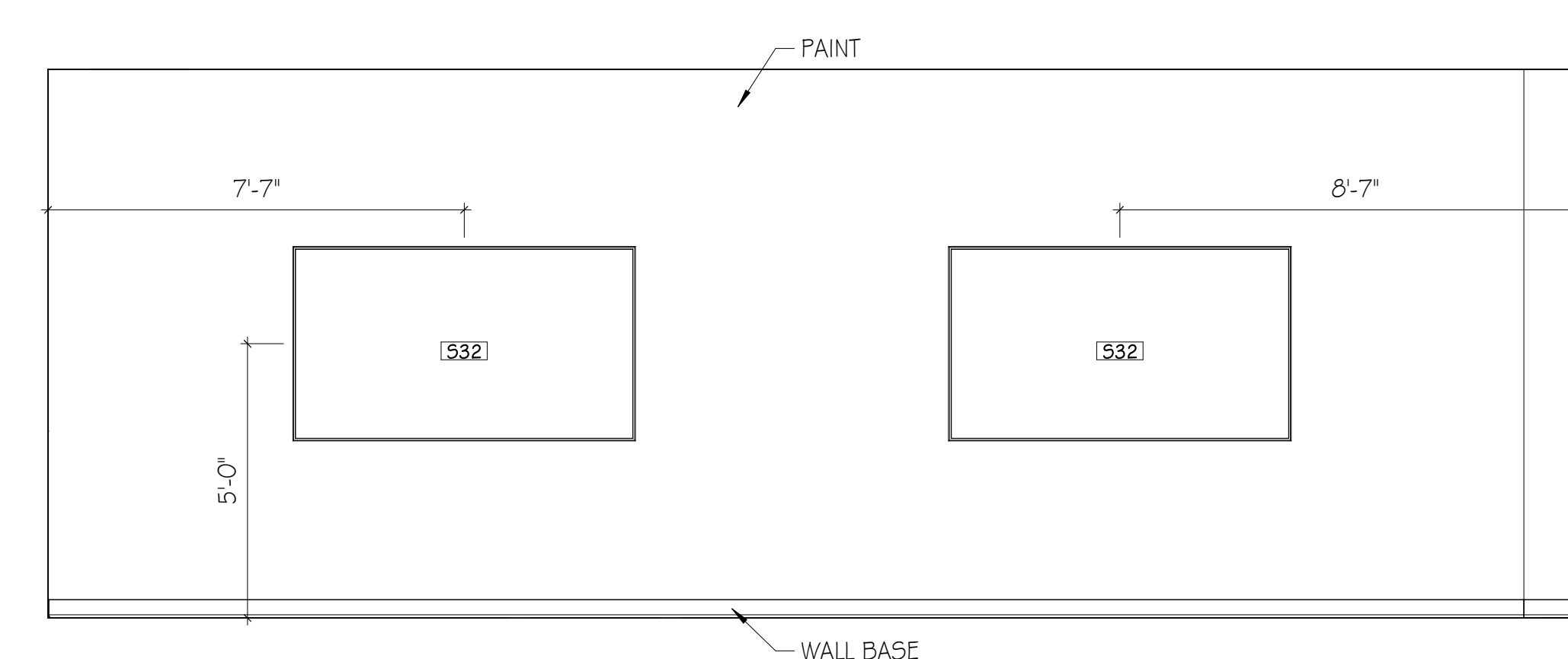
G9 CAR SEAT STORAGE 1079 - 2
SCALE: 3/8" = 1'-0"



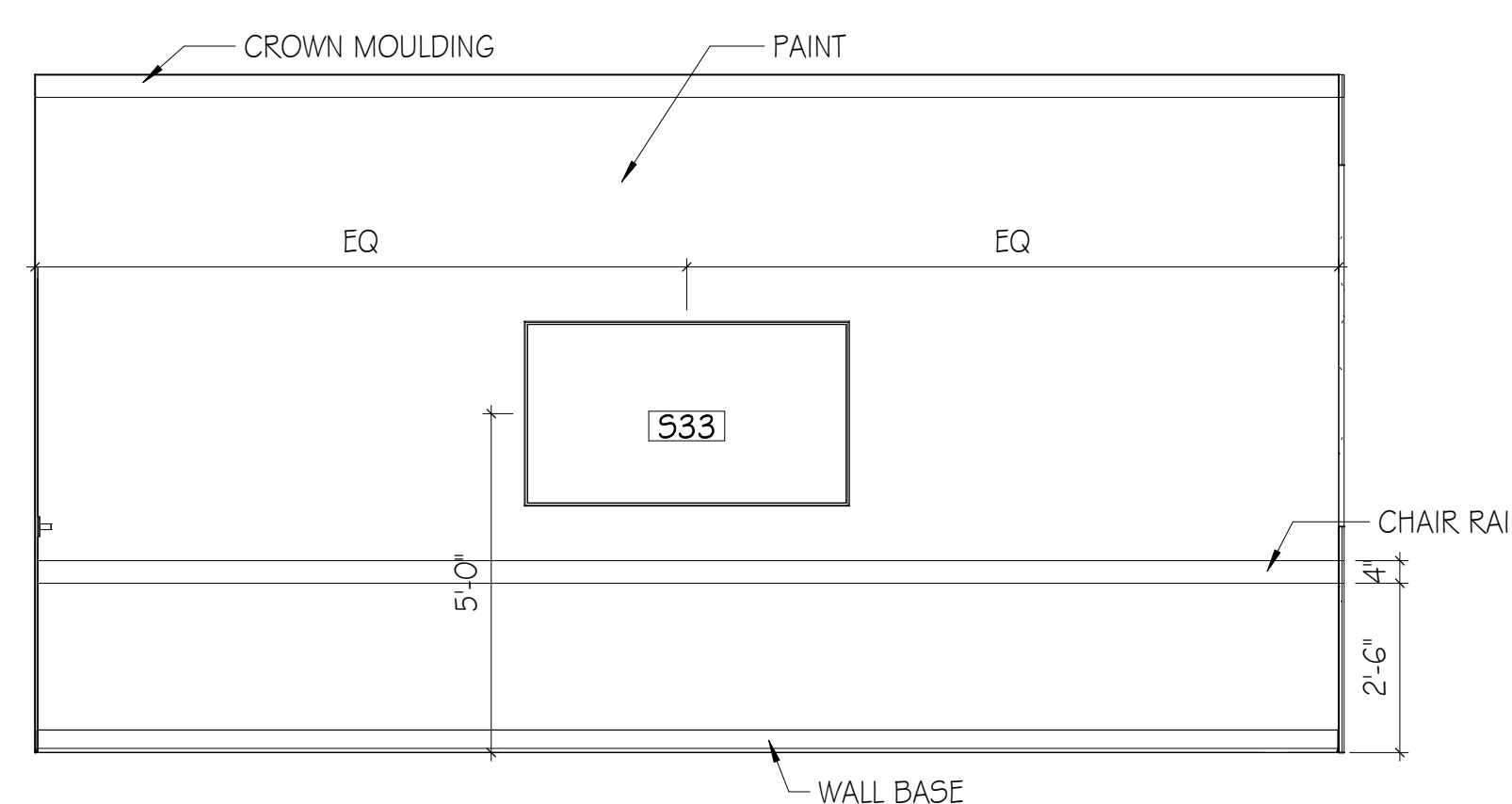
G10 CAR SEAT STORAGE 1079 - 3
SCALE: 3/8" = 1'-0"



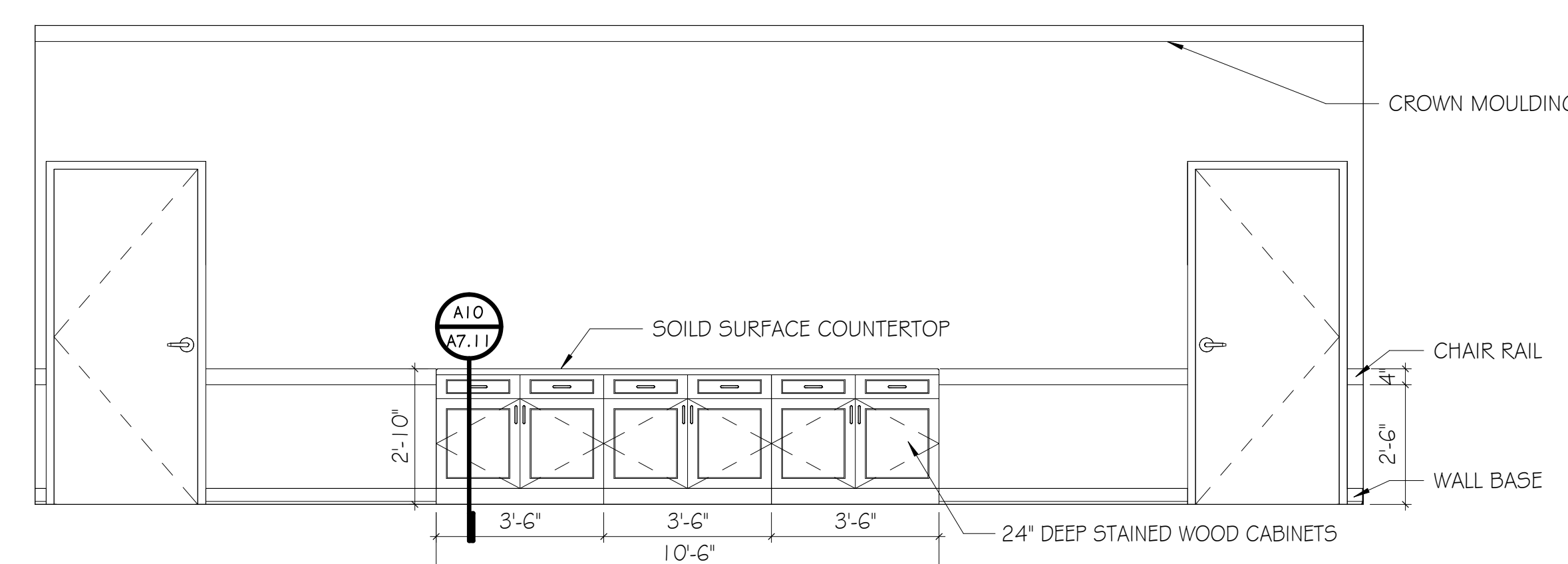
E4 TRAINING 1003
SCALE: 3/8" = 1'-0"



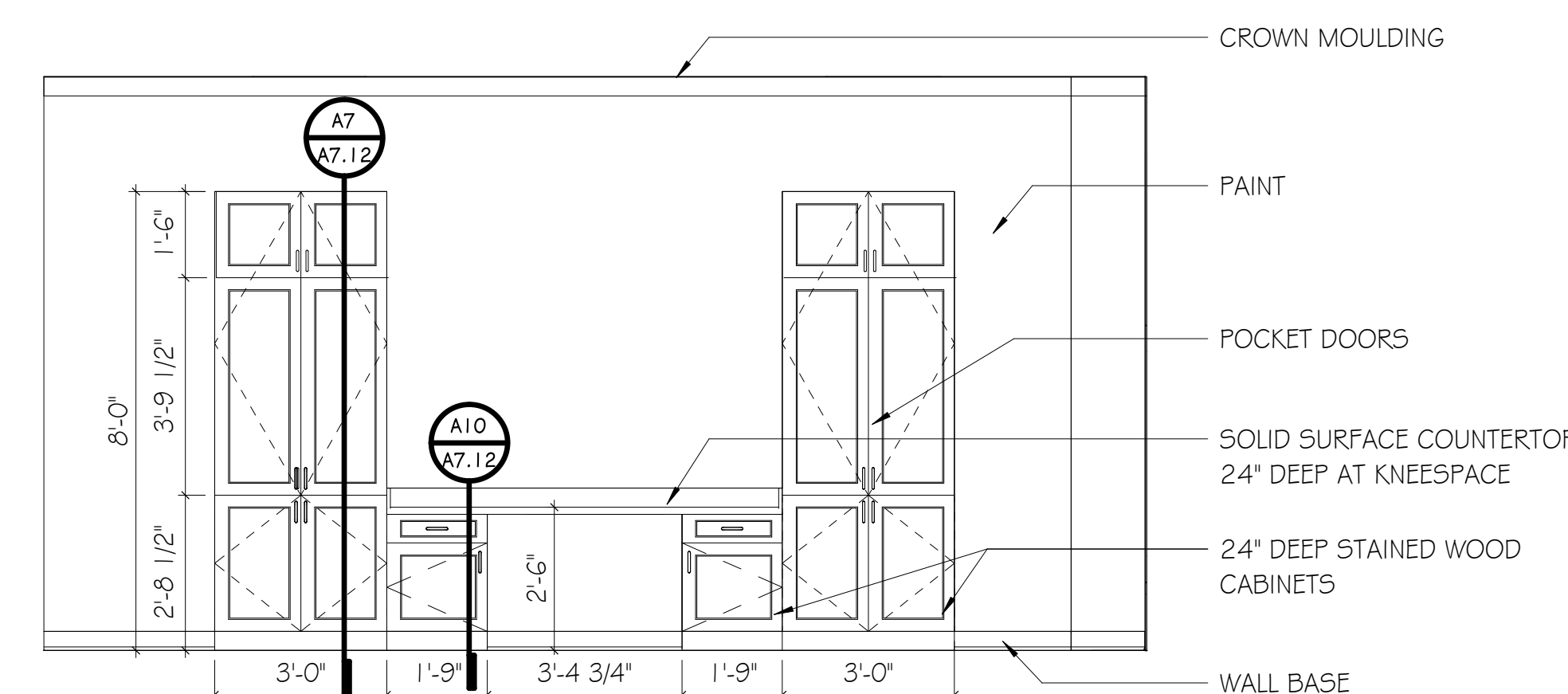
E9 TRAINING 1003 - 2
SCALE: 3/8" = 1'-0"



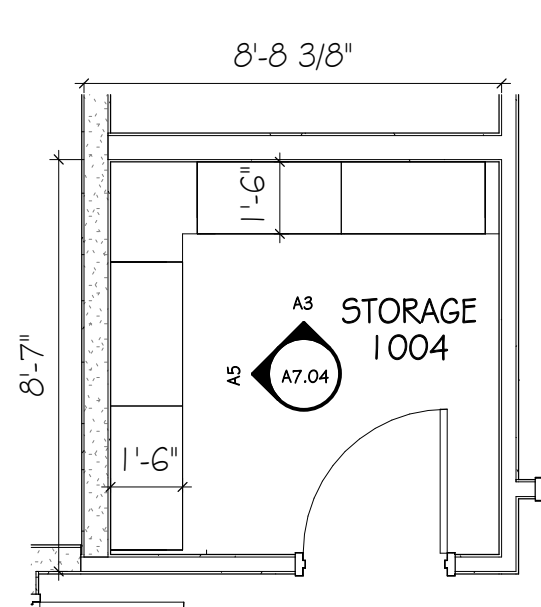
C2 BOARD 1103 - B
SCALE: 3/8" = 1'-0"



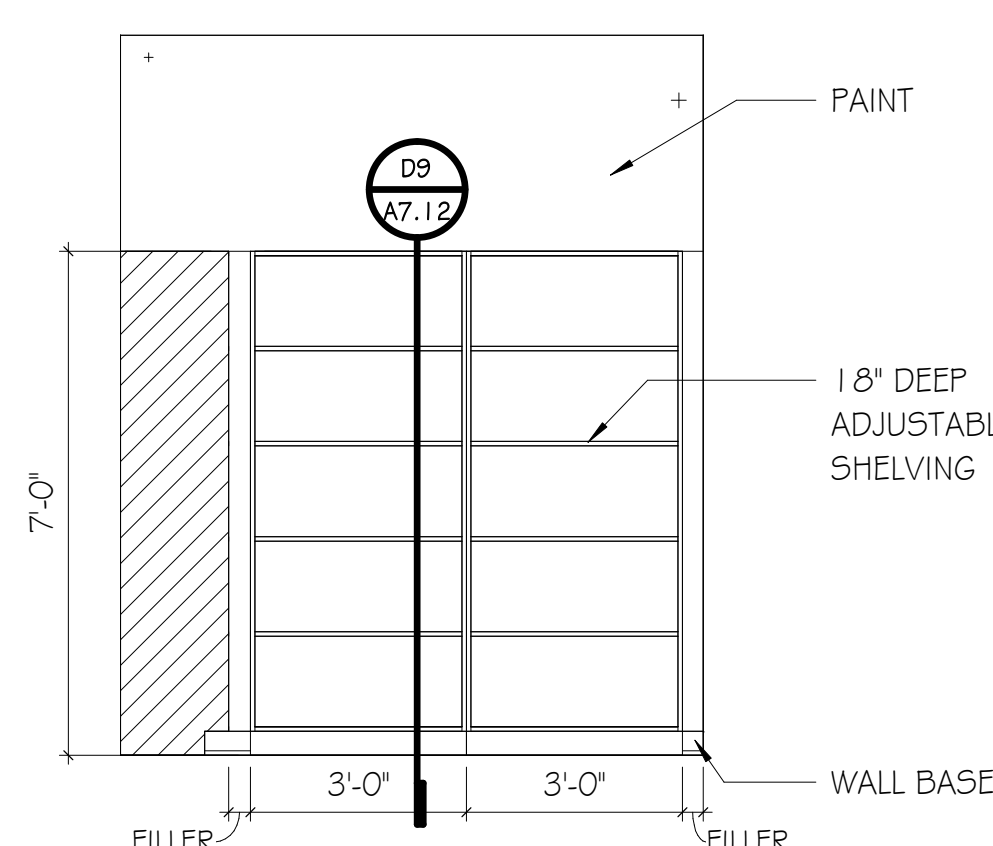
C5 BOARDROOM 1103
SCALE: 3/8" = 1'-0"



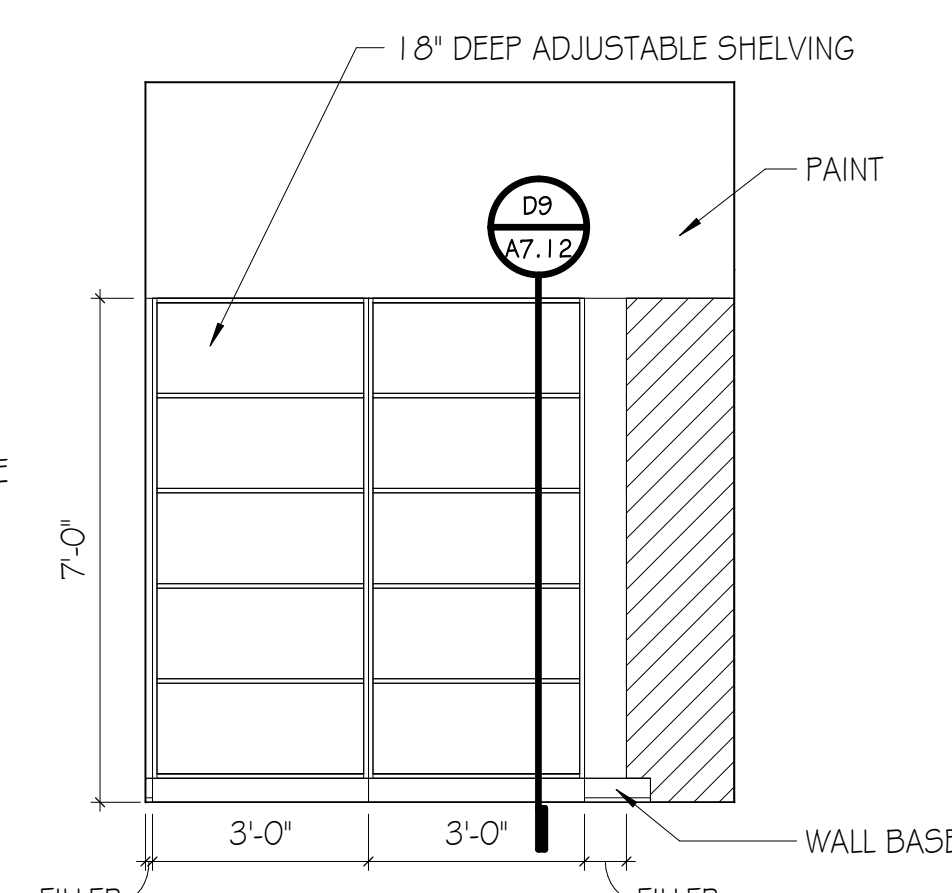
C9 DIRECTORS OFFICE 1106
SCALE: 3/8" = 1'-0"



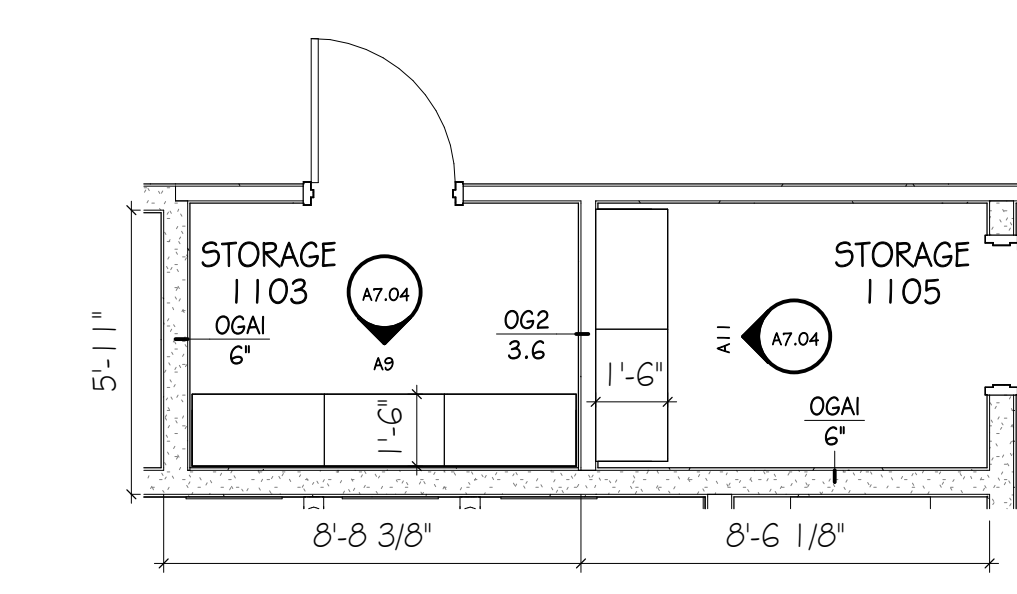
A2 STORAGE 1004
SCALE: 1/4" = 1'-0"



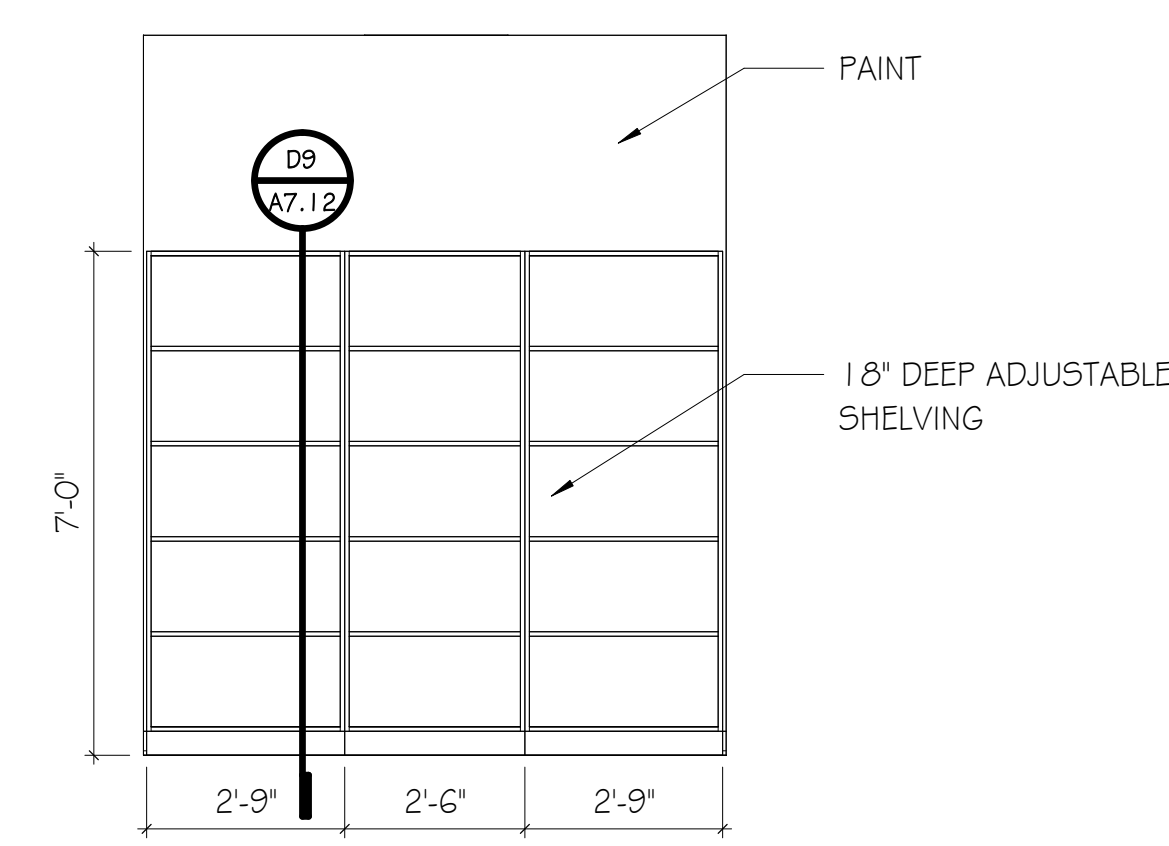
A3 STORAGE 1004 - 1
SCALE: 3/8" = 1'-0"



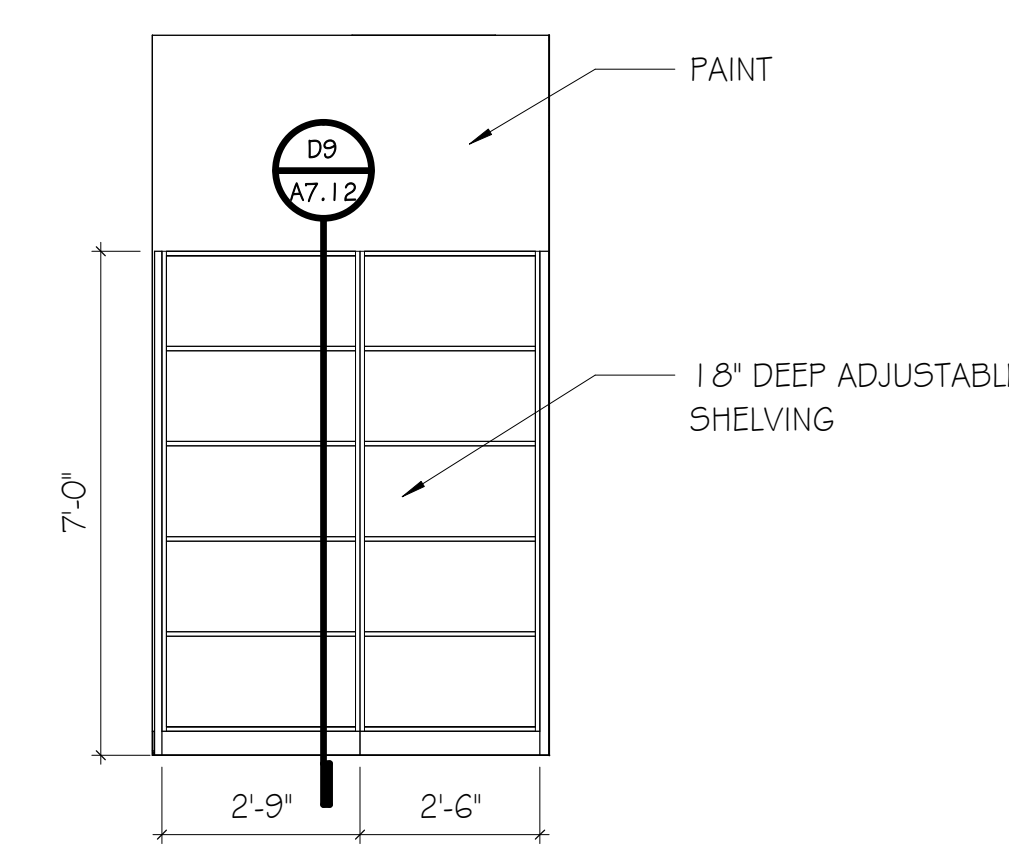
A5 STORAGE 1004 - 2
SCALE: 3/8" = 1'-0"



A7 STORAGE 1105 / STOAGE 1110
SCALE: 1/4" = 1'-0"

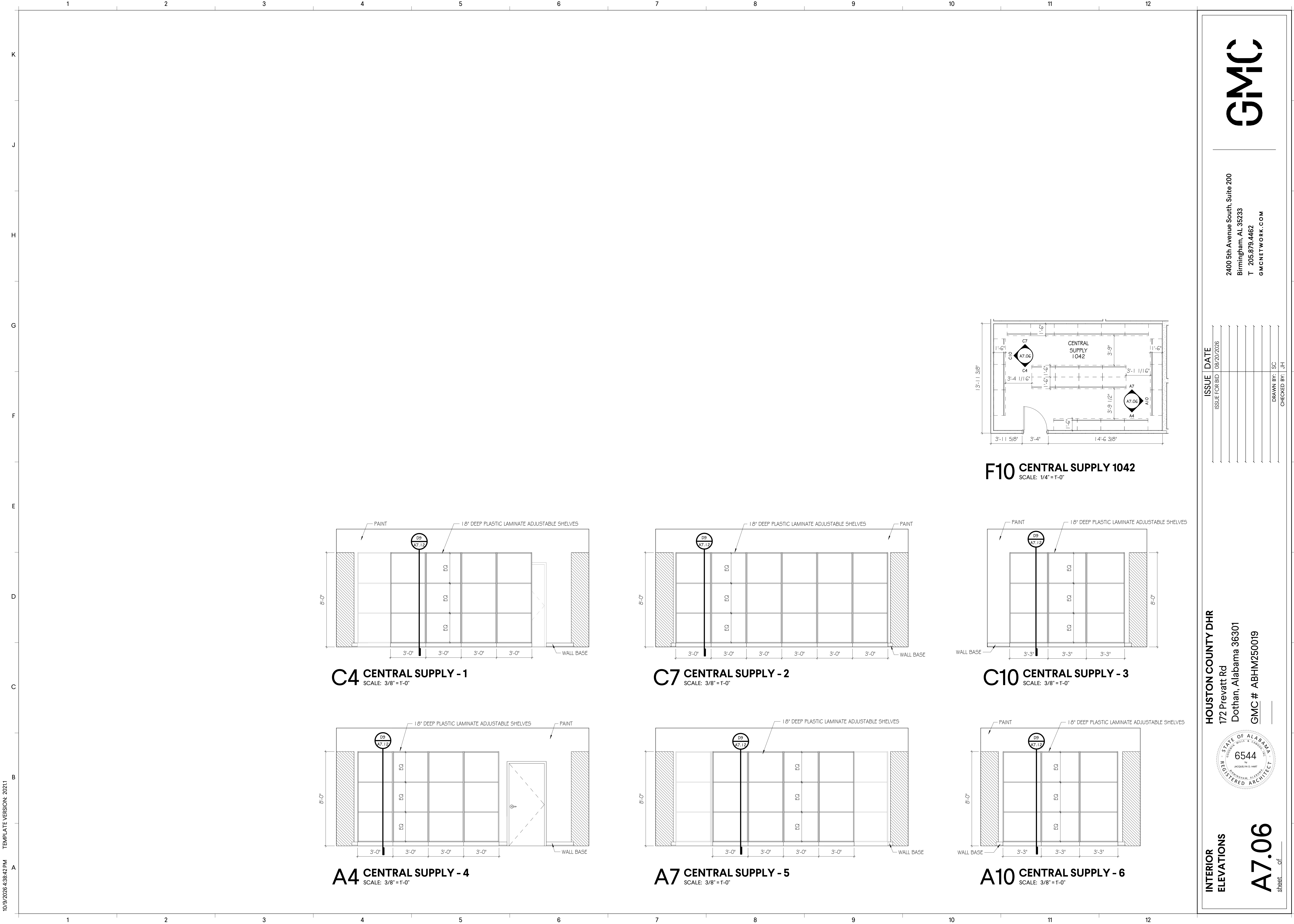


A9 STORAGE 1105 - 1
SCALE: 3/8" = 1'-0"



A11 STORAGE 1110 - 1
SCALE: 3/8" = 1'-0"

10/9/2026 4:38:42 PM TEMPLATE VERSION: 20211



INTERIOR
ELEVATIONS

HOUSTON COUNTY DHR

172 Prevatt Rd

Dothan, Alabama 36301

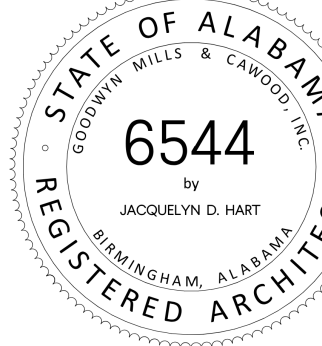
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ISSUE DATE

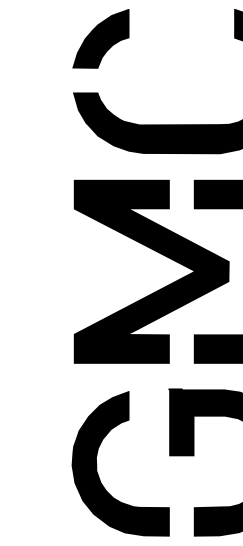
ISSUE FOR BID 08/20/2026

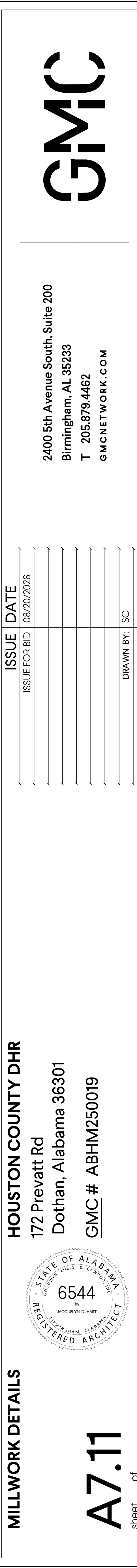
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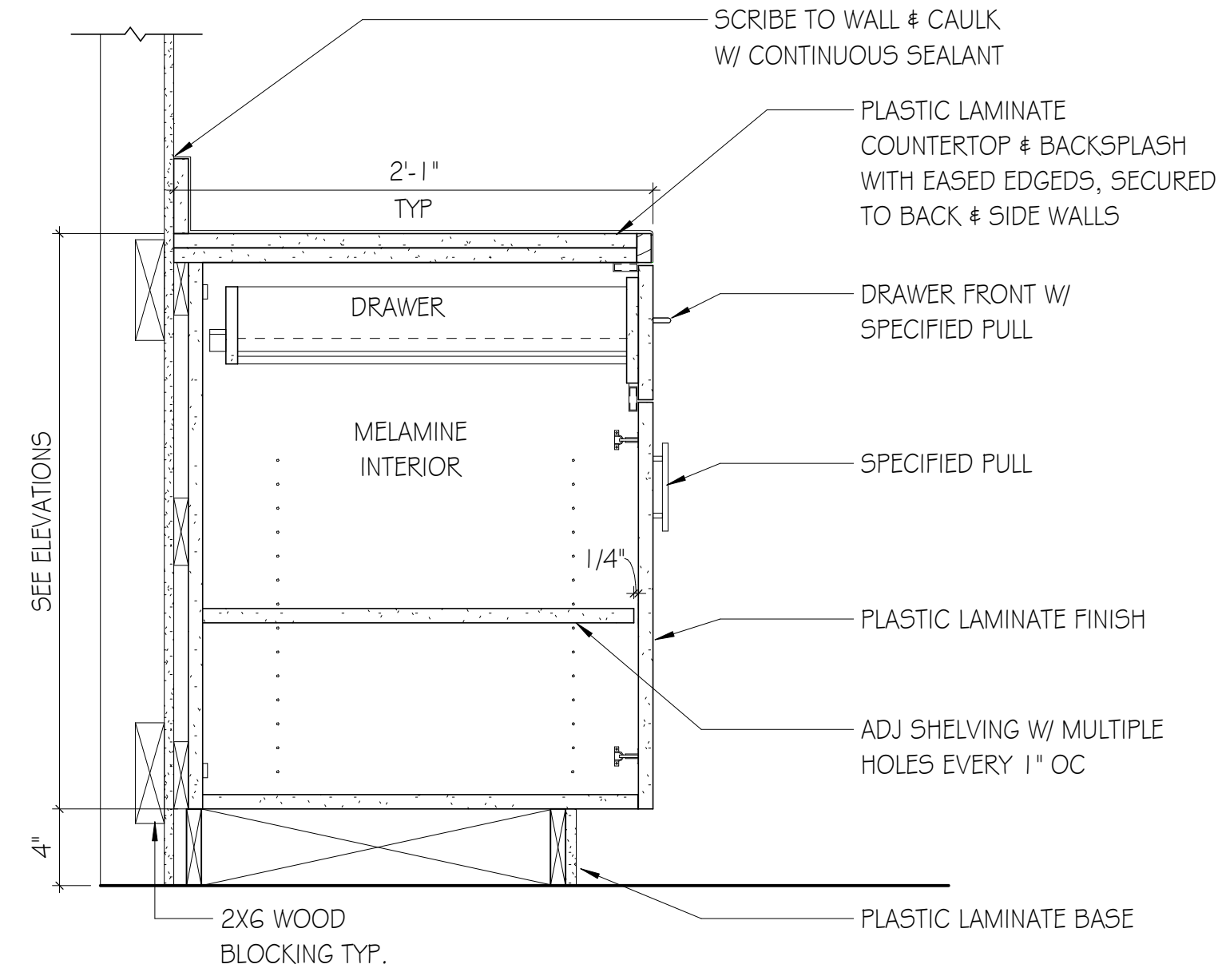


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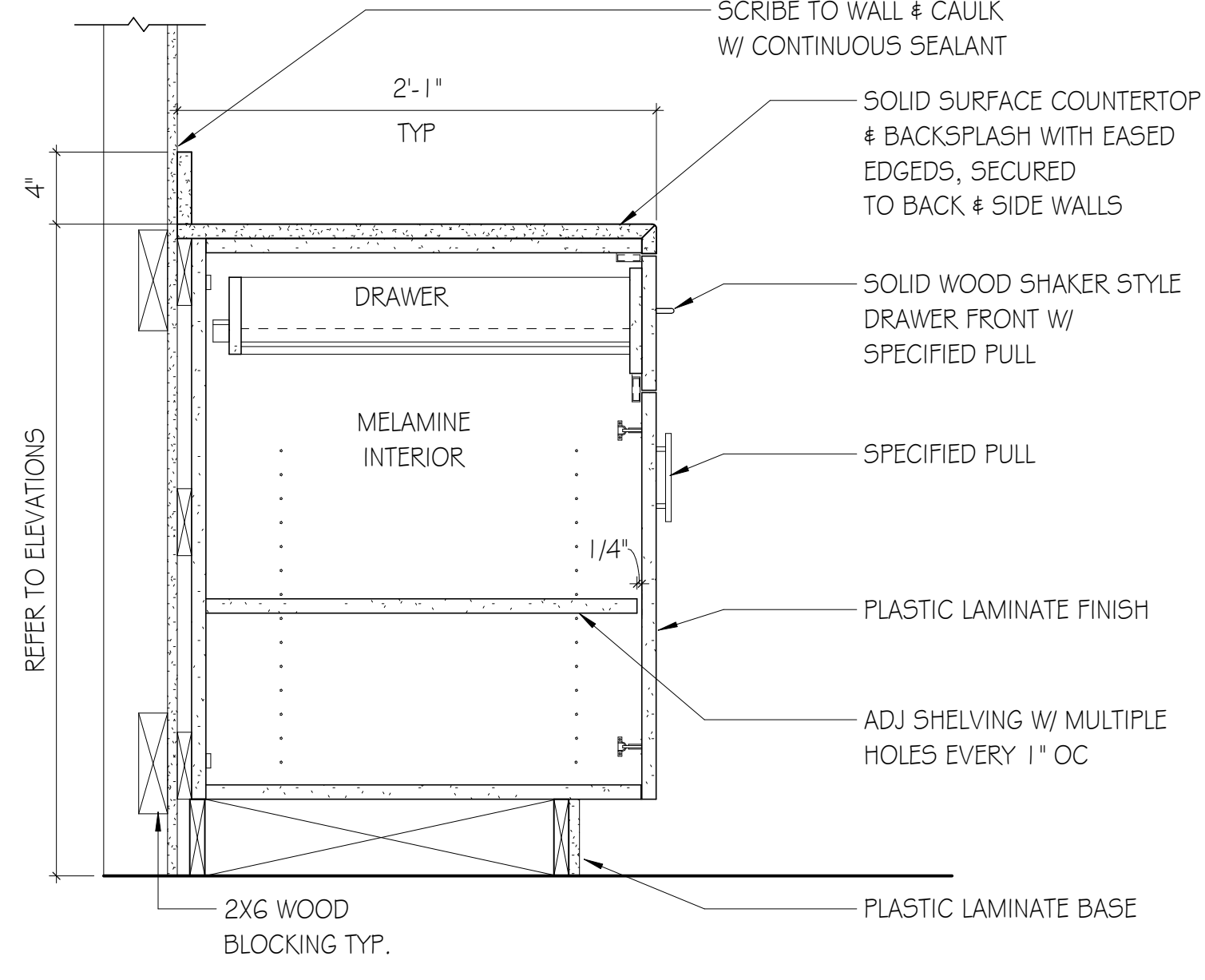




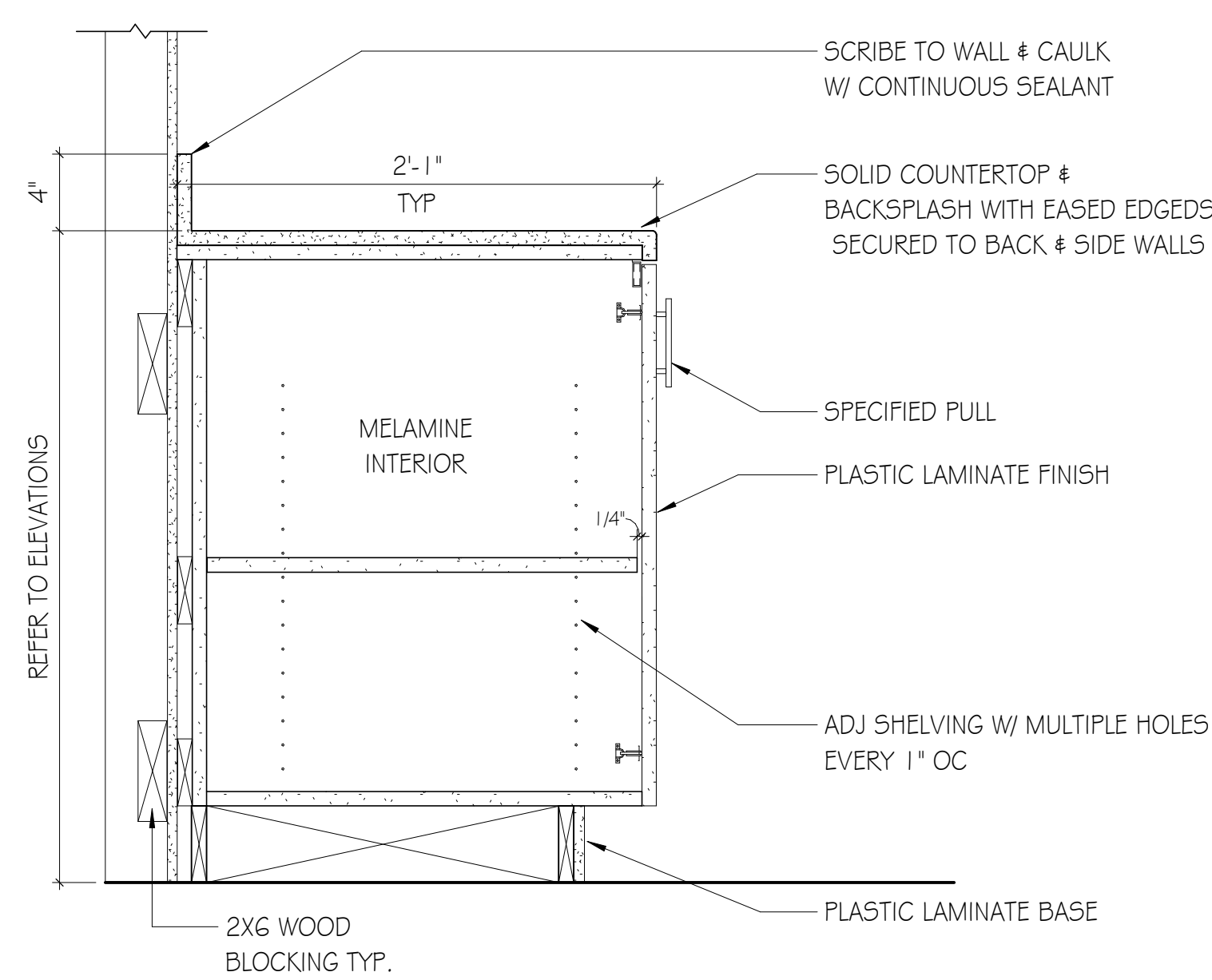
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TEMPLATE VERSION: 20211



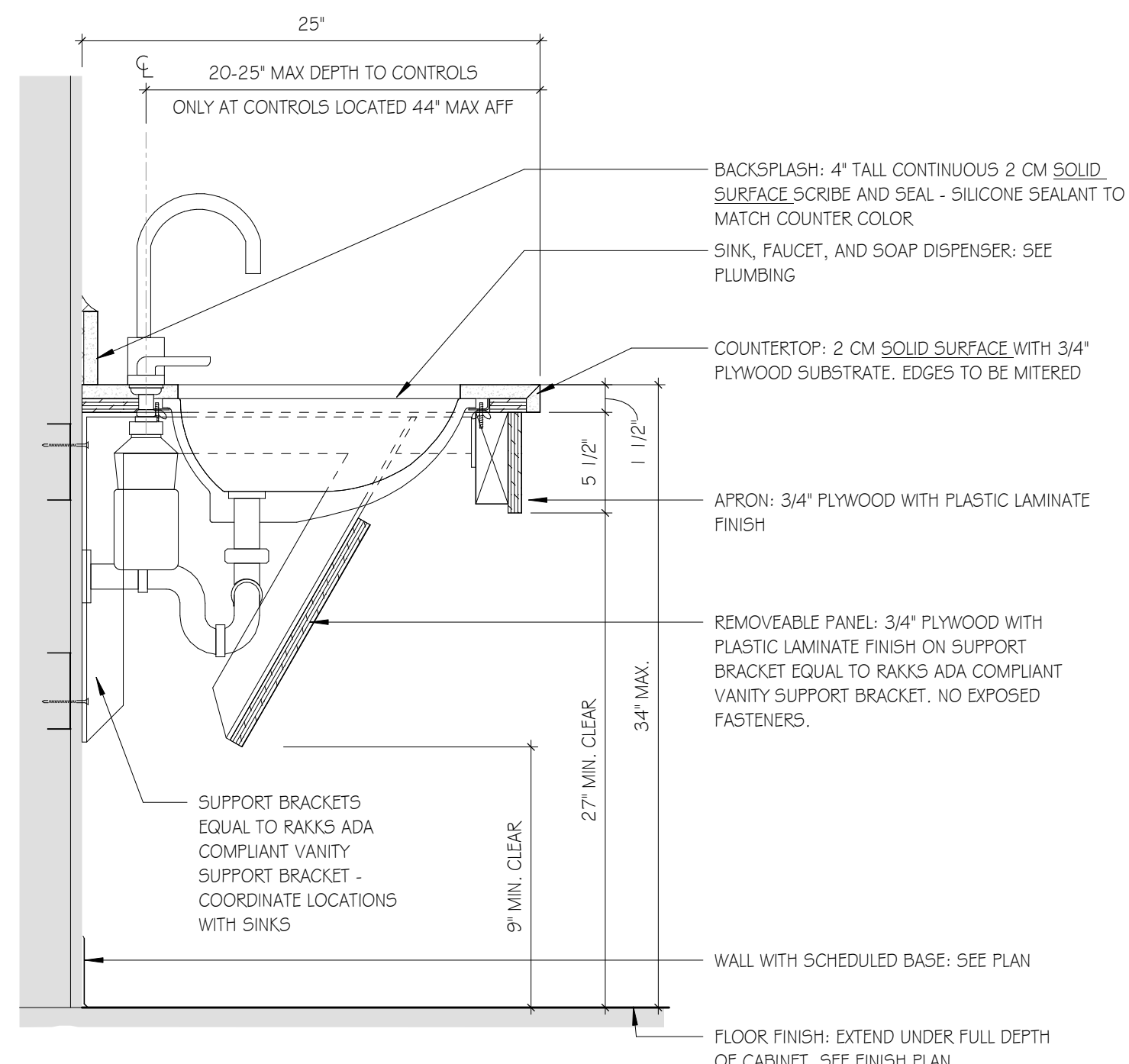
H1 BASE CABINET - DOOR & DRAWER - PL
SCALE: 1 1/2" = 1'-0"



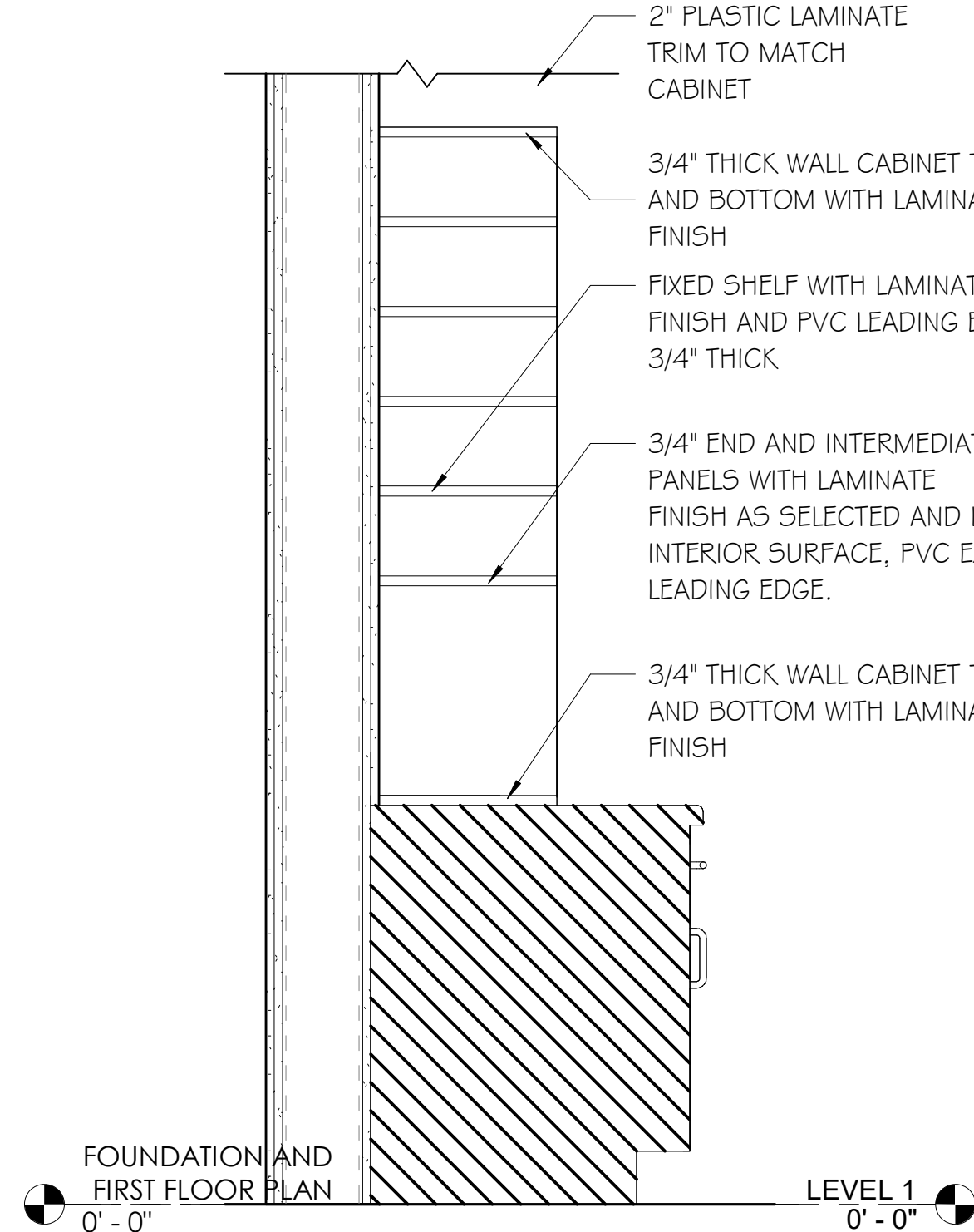
H4 BASE CABINET - DOOR & DRAWER - SS
SCALE: 1 1/2" = 1'-0"



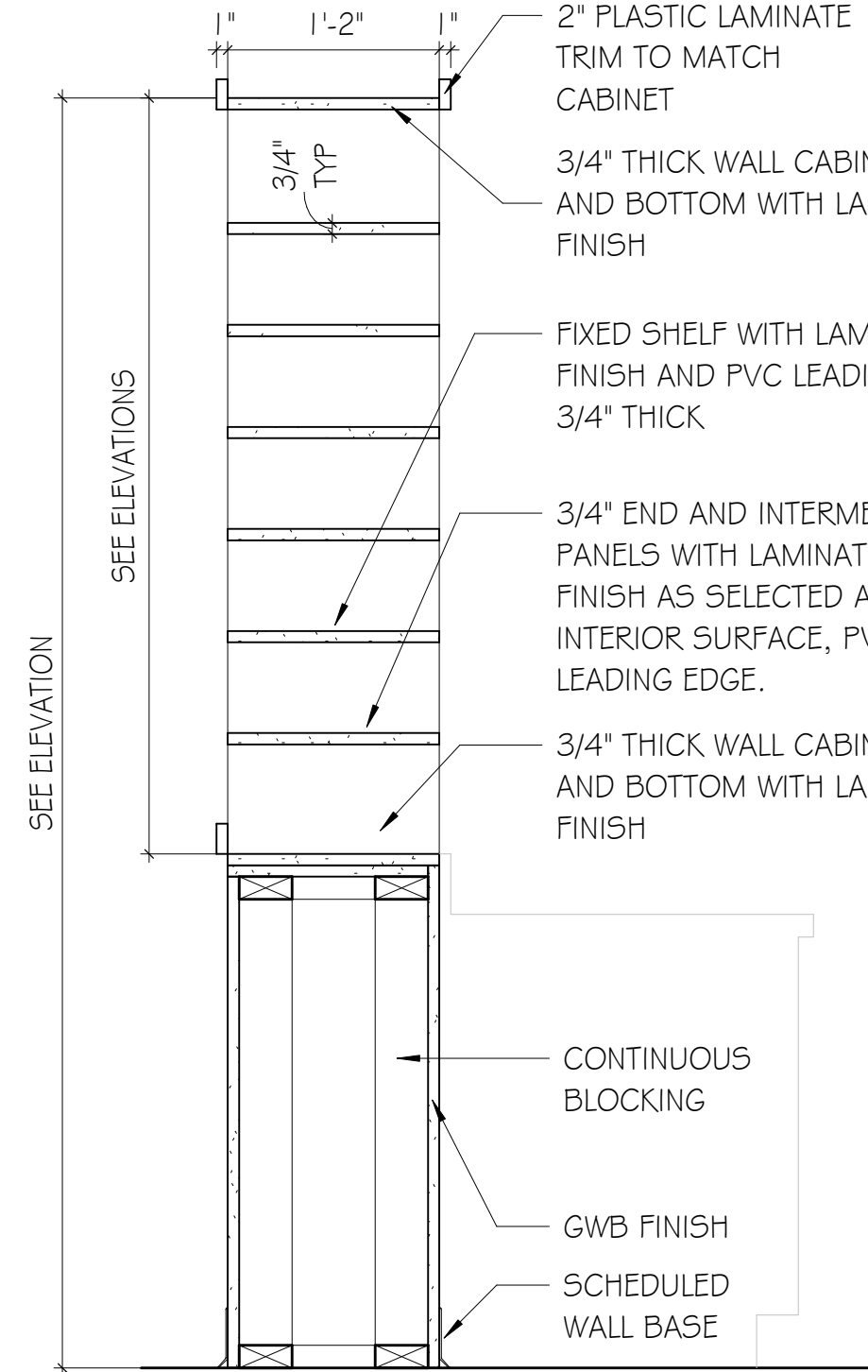
H7 BASE CABINET - DOOR ONLY - SS
SCALE: 1 1/2" = 1'-0"



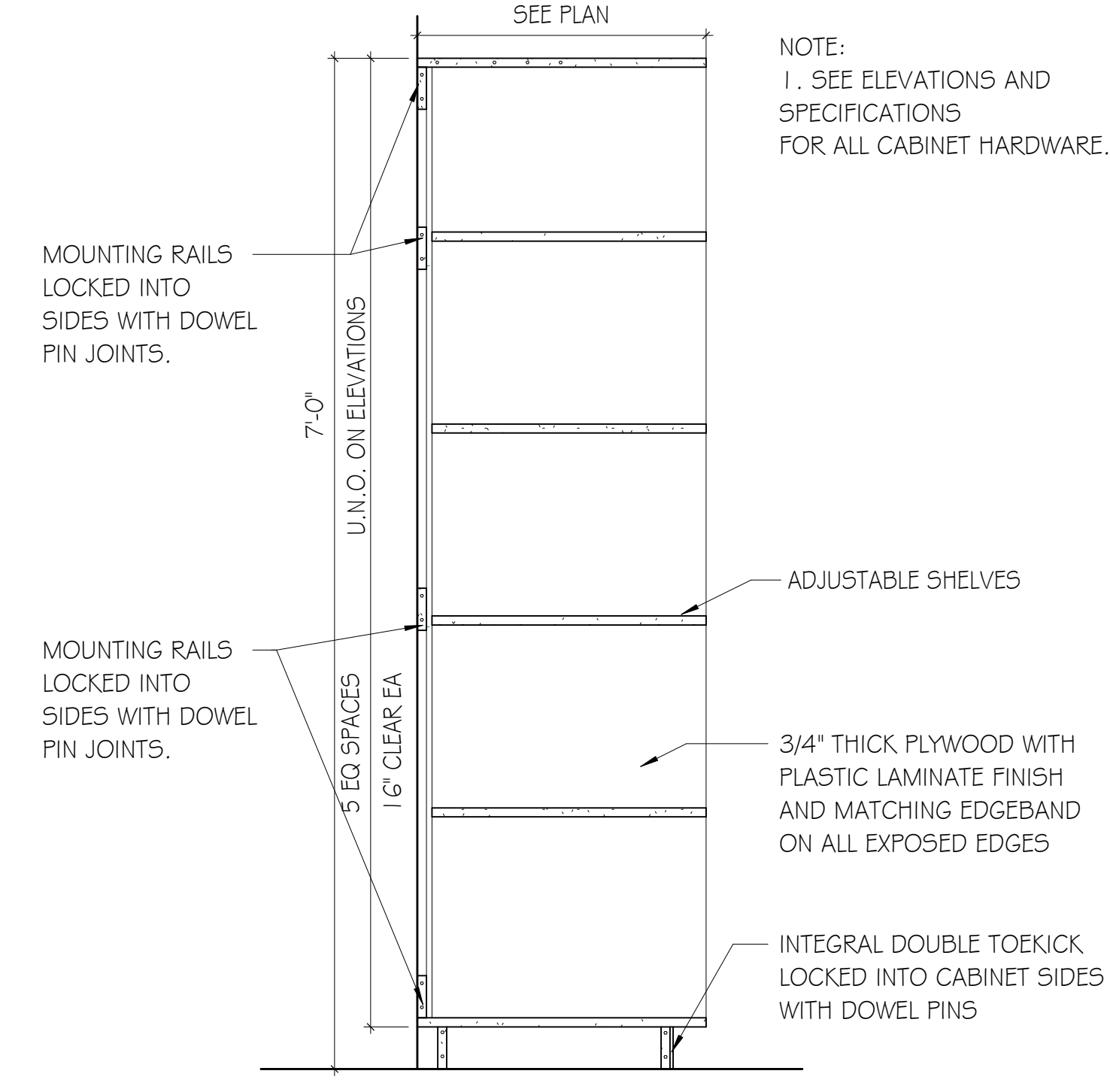
D1 ADA SINKBASE - TYPE VC-U-SSQ-B-25
SCALE: 1 1/2" = 1'-0"



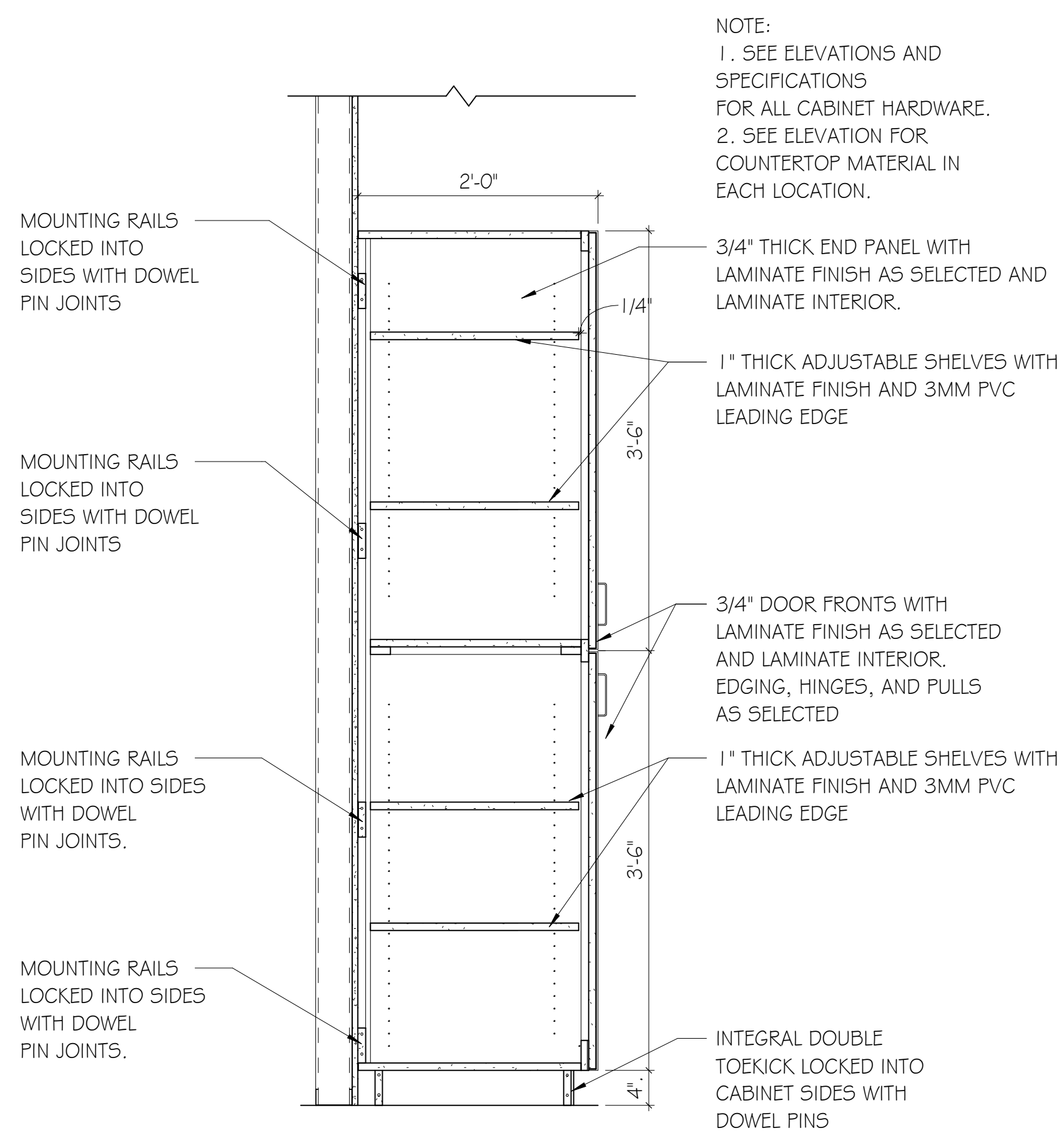
D4 MAIL CAB WITH CAB
SCALE: 1" = 1'-0"



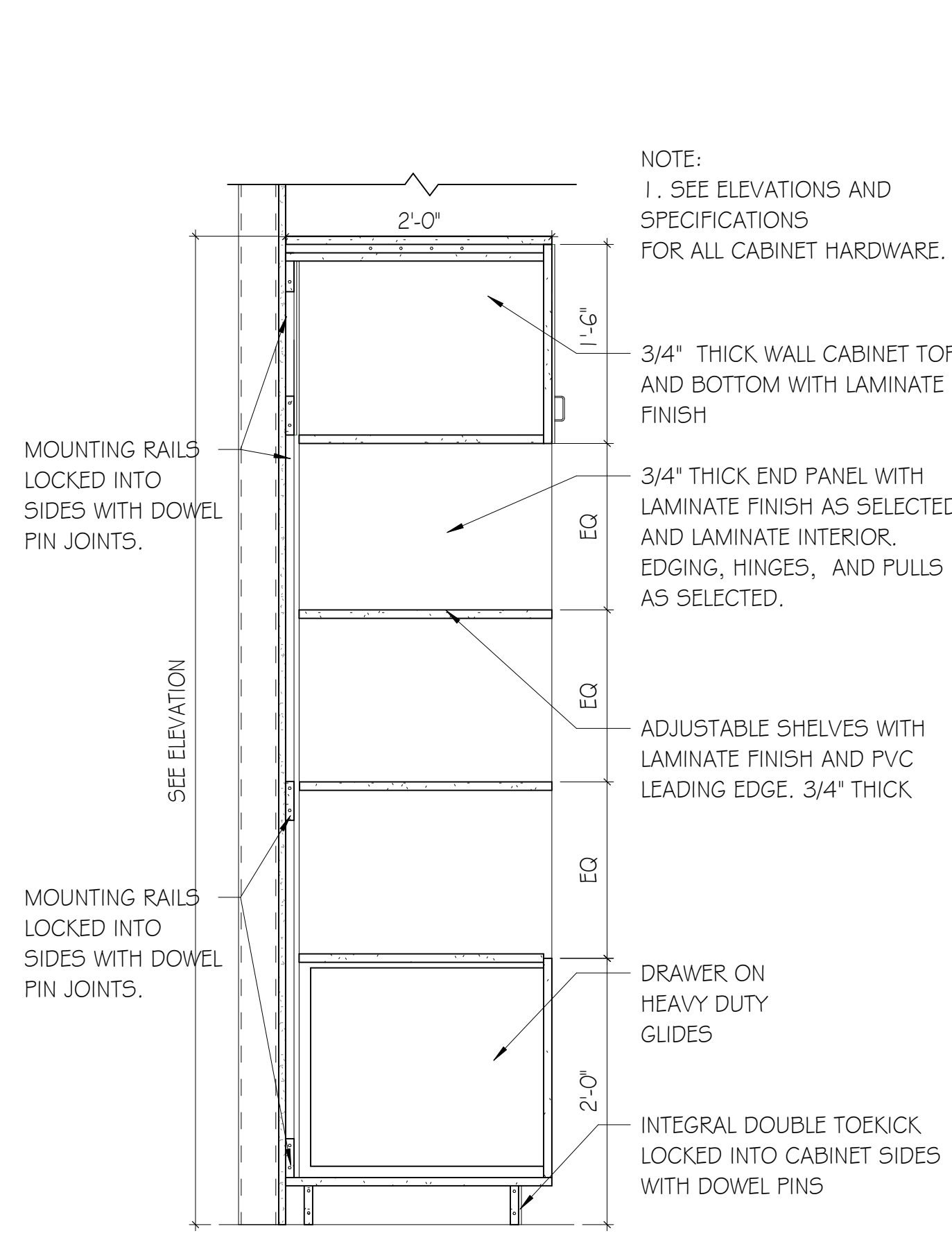
D6 TYP MAIL SLOTS
SCALE: 1" = 1'-0"



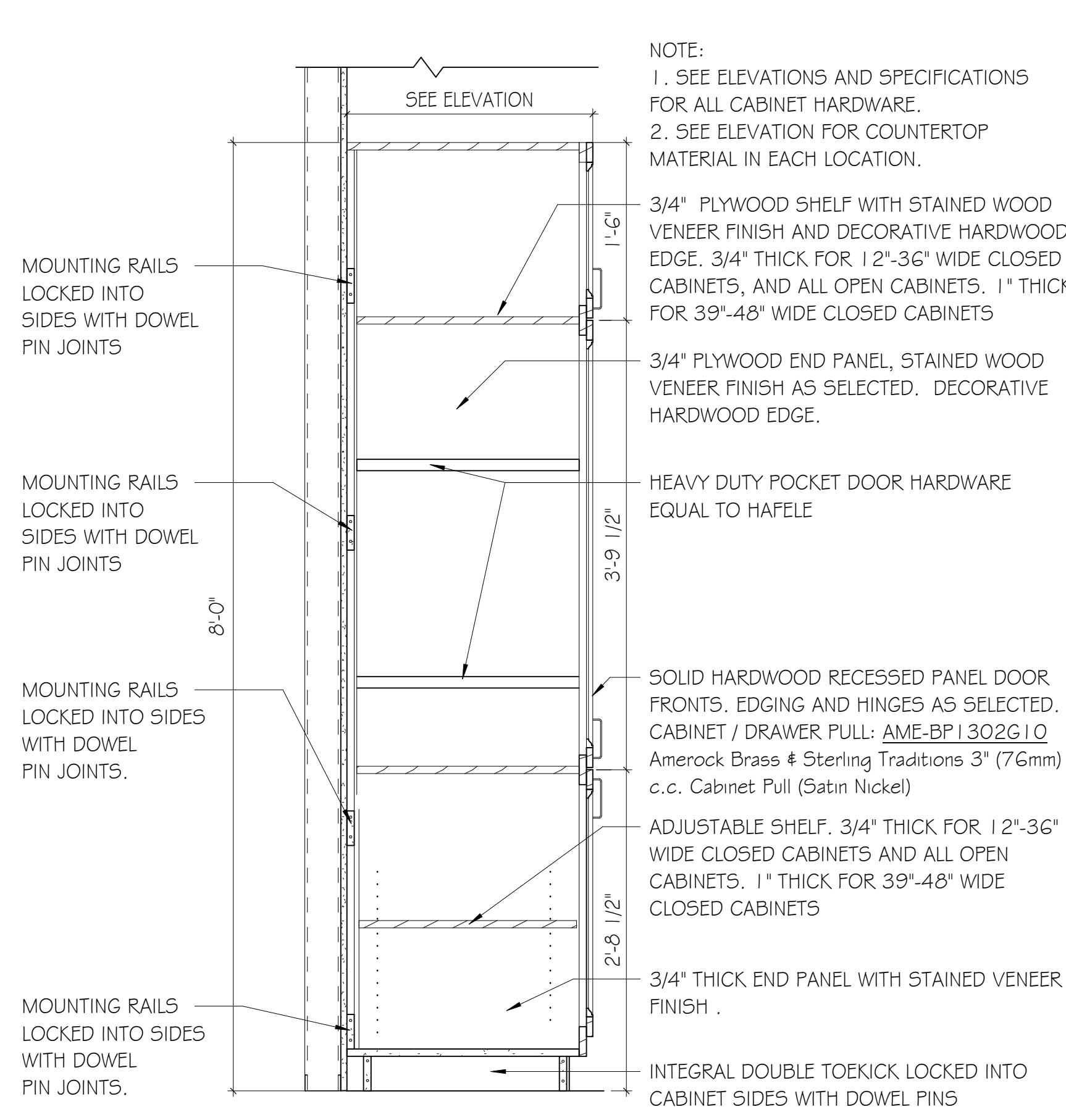
D9 STORAGE SHELVING
SCALE: 1" = 1'-0"



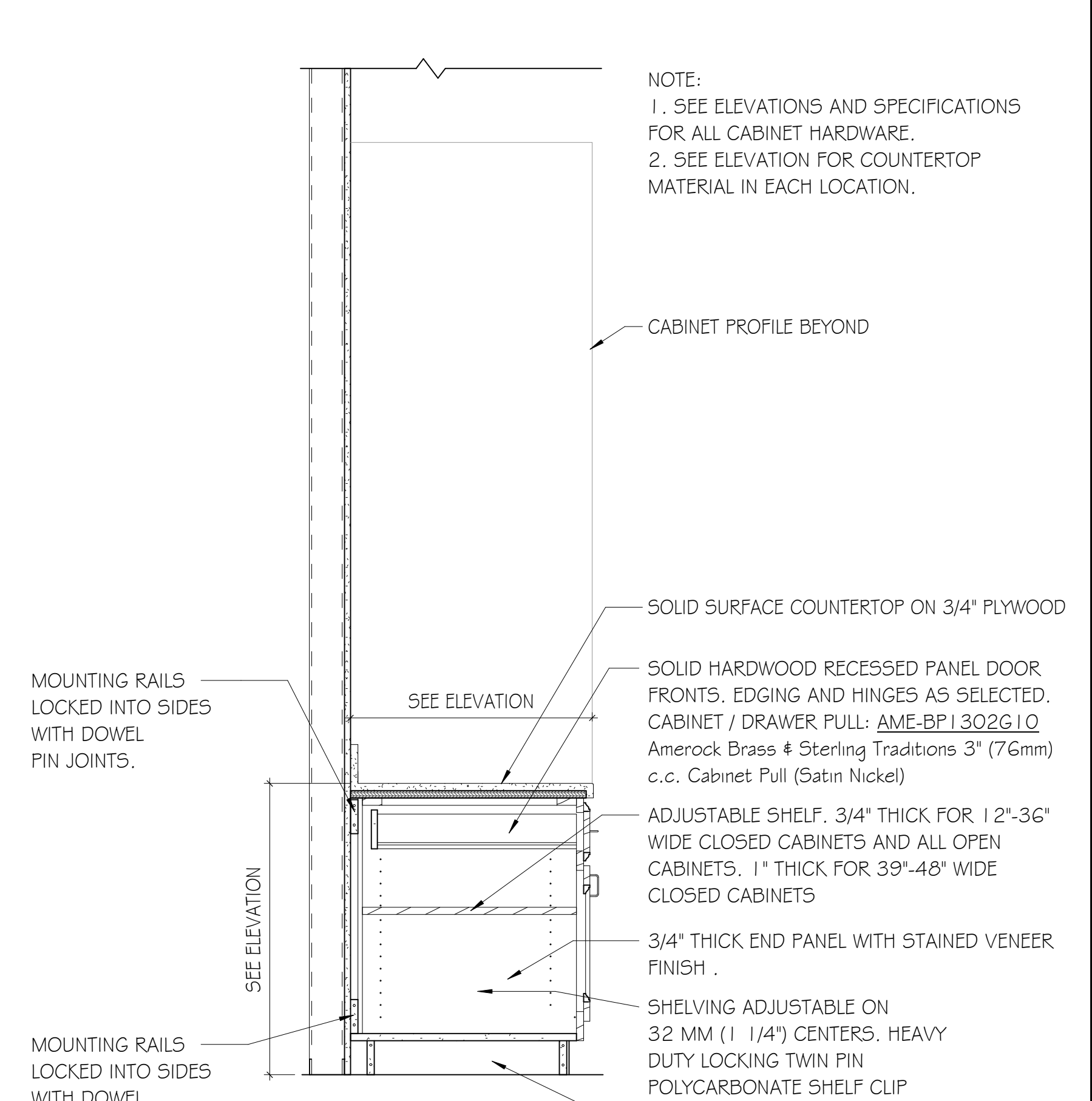
A1 TALL CABINET
SCALE: 1" = 1'-0"



A4 MICROWAVE CABINET
SCALE: 1" = 1'-0"



A7 DIRECTOR CABINET - TALL
SCALE: 1" = 1'-0"



A10 DIRECTOR CABINET
SCALE: 1" = 1'-0"

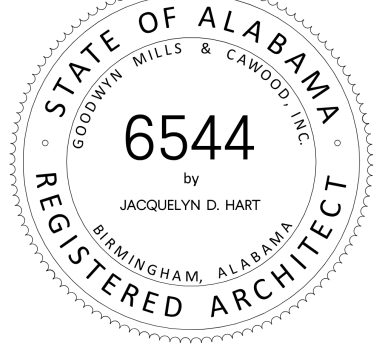
MILLWORK DETAILS

HOUSTON COUNTY DHR

172 Prevatt Rd

Dothan, Alabama 36301

GMC # ABHM250019



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JACOBUS D. HART

REGISTERED ARCHITECT

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FINISH NOTES

FLOORS:

- REFER TO FLOOR FINISH PLANS FOR FLOOR PATTERN. CONTRACTOR TO NOTIFY INTERIOR DESIGNER BEFORE INSTALLATION OF FLOORING TO REVIEW DESIGN INTENT OF FLOOR PATTERN PLAN

- ALL FLOORING TRANSITIONS INCLUDING TRANSITIONS TO SIMILAR MATERIAL OR REDUCER STRIPS AND OTHER THRESHOLDS TO DISSIMILAR MATERIAL SHALL BE LOCATED AT THE CENTERLINE OF DOOR WHEN IN CLOSED POSITION. COLORS SHALL BE SELECTED IN CA. REFER TO DETAILS FOR TRANSITIONS BETWEEN FLOORING MATERIAL. CONTRACTOR TO PROVIDE TRANSITION SIZES APPROPRIATE FOR THICKNESS

- FLOORING MATERIALS ARE TO BE INSTALLED IN MANNER TO AVOID ALL SLIVER CUTS LESS THAN 4" WIDE @ WALL PERIMETERS & MATERIAL TRANSITIONS. CONTACT DESIGNER IF JOBSITE CONDITIONS DIFFER.

- INSTALL FLOORING UNDER ALL CASEWORK, MILLWORK, EQUIPMENT, & FURNITURE

- ALIGN VERTICAL GROUT LINES OF TILE BASE TO THOSE IN THE FLOOR TILE UNLESS NOTED OTHERWISE

WALLS:

- REFER TO FINISH PLANS & ELEVATIONS FOR LOCATION OF ACCENT PAINT COLORS

- ALL HOLLOW METAL DOOR & WINDOW FRAMES TO BE PAINTED (PNT-2) UNLESS OTHERWISE NOTED

- ALL ACCESS PANELS AND MISCELLANEOUS METAL (RETURN AND AIR SUPPLY GRILLES, EXPANSION JOINTS, ETC.) LOCATED ON WALL SURFACES OR CEILING SURFACES TO BE PAINTED WALL OR CEILING COLOR U.N.O.

- WALL BASE TO BE INSTALLED ON ALL WALLS, U.N.O.

- WALL TILE TO BE INSTALLED ON ALL WALLS IN RESTROOMS U.N.O.

- INSTALL FINISH STRIP EQUAL TO SCHLUTER "JOLLY" AT ALL EXPOSED TILE EDGES & SCHLUTER "QUADEC" AT CORNERS.

- INSTALL COVE TRANSITION EQUAL TO SCHLUTER DILEX-AHK AT ALL TILE FLOOR TO TILE BASE/WALL CONDITIONS

- INSTALL 3MM EDGEBAND ON ALL PLASTIC LAMINATE COUNTERTOPS AND CABINETS.

- ALL WINDOWS TO HAVE SOLID SURFACE (SS-4) SILL U.N.O.

- GROMMET LOCATIONS TO BE COORDINATED WITH OWNER

- FIELD VERIFY ALL DIMENSIONS FOR MILLWORK PRIOR TO FABRICATION & INSTALLATION

- ALL EXPOSED ENDS AND EXPOSED INTERIORS OF MILLWORK TO RECEIVE MATCHING LAMINATES

- ALL CABINETS IN RESTROOMS TO BE LOCKABLE

MISC:

- DOOR LABELS ON RATED DOORS ARE TO REMAIN UNPAINTED

- PROVIDE BLOCKING AS REQUIRED AT ALL TELEVISION LOCATIONS - COORDINATE WITH OWNER'S EQUIPMENT

- PROVIDE BLOCKING FOR GRAB BARS AND TOILET ACCESSORIES IN RESTROOMS

- REFER TO RCP FOR ACCENT PAINT COLOR LOCATIONS IN CEILING - WHERE CEILINGS ARE CALLED OUT TO BE PAINTED, BOTH CEILING AND SOFFIT/BULKHEAD WALLS ARE TO BE PAINTED ACCENT COLOR

- BLUNDS ARE TAGGED ON THE RCP

- NON ADA TOILET FIXTURES TO BE CENTERED IN STALL

- WALL TILE TO BE INSTALLED TO CEILING ON ALL WALLS

- CAULK ALL DOOR FRAMES, MILLWORK, AND VIEW WINDOW FRAMES AFTER WALLCOVERING INSTALLATION IS COMPLETE. COLOR OF CAULK TO MATCH ADJACENT FINISH.

- ALL PARTIES RESPONSIBLE FOR DELIVERING FINISHES TO THE SITE SHALL CHECK AVAILABILITY OF QUANTITIES AND DELIVERY DATES AS SOON AS BID IS AWARDED

RCP NOTES:

- ALL SPRINKLER HEADS IN FINISHED CEILINGS ALL SHALL BE CENTERED IN CEILING TILE. SPRINKLER HEADS SHALL NOT BE PAINTED.

- INTERIOR CEILING HEIGHTS AS INDICATED ON THE REFLECTED CEILING PLANS.

- WHERE EXIT SIGNS ARE LOCATED ABOVE DOORWAYS, CENTER ABOUT DOOR, BUT MAINTAIN MINIMUM OVERHEAD CLEARANCE.

- ALL GYP CEILINGS TO BE PAINTED (PNT-3) UNLESS OTHERWISE NOTED IN RCP

- DO NOT INSTALL CEILING TILE LESS THAN 6" IN ANY DIRECTION - WHEN POSSIBLE CENTER TILE IN ROOM.

- PROVIDE 6% IN 2' X 4' SIZE FOR EACH TYPE OF CEILING TILE TO REMOVE SLIVER TILES FROM CEILINGS WHERE NECESSARY

FINISH LEGEND

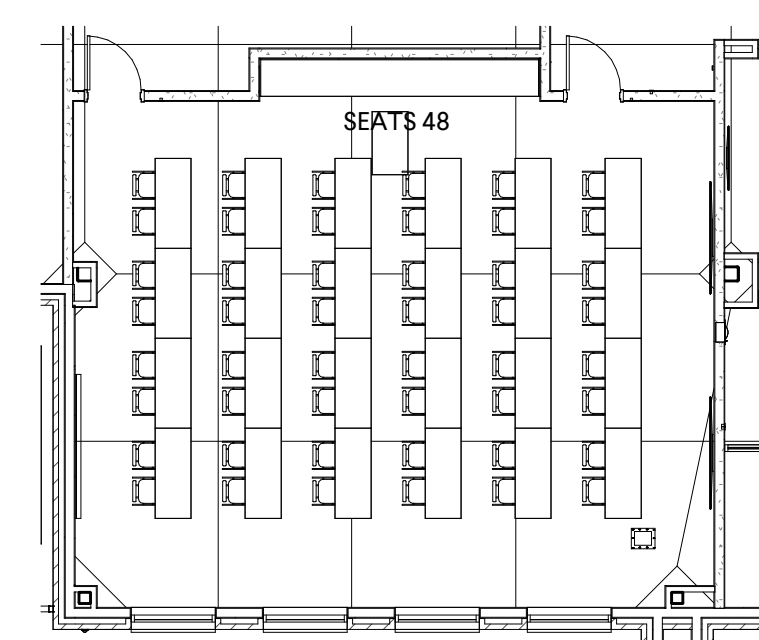
FLOOR			WALL			MISC		
NUMBER	TYPE	DETAIL DESCRIPTION	NUMBER	TYPE	DETAIL DESCRIPTION	NUMBER	TYPE	DETAIL DESCRIPTION
CPT-1	CARPET	MANUFACTURER: TARKETT STYLE NAME: FALLOW GROUND - 11598 COLOR: G2902 TOASTED TAUPE SIZE: 24" x 24" INSTALLATION: VERTICAL ASHLAR LOCATION: OFFICES & CORRIDORS	PNT-1	[GENERAL/MAIN PAINT]	MANUFACTURER: SHERWIN WILLIAMS COLOR: CRUSHED ICE LOCATION: MAIN	PL-1	PLASTIC LAMINATE [TYP. FACE]	MANUFACTURER: FORMICA COLOR: SMOKEY BROWN PEAR FINISH: OILED WOOD FINISH LOCATION: BREAKROOMS & WORKROOMS
		PNT-2	[TRIM PAINT]	MANUFACTURER: SHERWIN WILLIAMS COLOR: PORPOISE LOCATION: TRIM	PL-2	PLASTIC LAMINATE [TYP TOP]	MANUFACTURER: WILSONART COLOR: WHITE CYPRESS LOCATION: RESTROOMS	
CPT-2	CARPET	MANUFACTURER: EF CONTRACT STYLE NAME: VEIL COLOR: VLT57 - OVERCAST SIZE: 12' x 48' INSTALLATION: ASHLAR LOCATION: CONFERENCE ROOMS	PNT-3	[MAIN CEILING/SOFFIT PAINT]	MANUFACTURER: SHERWIN WILLIAMS COLOR: PURE WHITE LOCATION: GYP CEILINGS	PL-3	PLASTIC LAMINATE [TYP TOP]	MANUFACTURER: WILSONART COLOR: GREY LOCATION: WORKROOMS
LVT-1	LUXURY VINYL TILE	MANUFACTURER: INTERFACE STYLE NAME: STUDIO SET COLOR: A00706 MUSHROOM SIZE: 25CM x 1M INSTALLATION: 1/3 LAP LOCATION: FAMILY VISITATION	PNT-4	[PAINT]	MANUFACTURER: SHERWIN WILLIAMS COLOR: AMAZING GRAY LOCATION: CONFERENCE ROOMS	SS-1	SOLID SURFACE	MANUFACTURER: WILSONART COLOR: GOLDEN SAIL THICKNESS: 1/2" LOCATION: BREAKROOMS
LVT-2	LUXURY VINYL TILE	MANUFACTURER: BENTLEY STYLE NAME: COLONNADE COLOR: BRUTALIST SIZE: 18" x 36" INSTALLATION: 1/3 LAP LOCATION: SEE SCHEDULE	HTW-1	HARD WALL TILE	MANUFACTURER: DALTILE STYLE NAME: PORTFOLIO COLOR: ICE SIZE: 12" x 24" INSTALLATION: MONOLITHIC GROUT: TBD LOCATION: RESTROOMS	SS-2	SOLID SURFACE	MANUFACTURER: WILSONART COLOR: YUKON RIVERSTONE THICKNESS: 1/2" LOCATION: RESTROOMS
HTF-1	HARD FLOOR TILE	MANUFACTURER: DALTILE STYLE NAME: CONSULATE COLOR: PREMIER GREY SIZE: 12" x 24" INSTALLATION: BRICK GROUT: TBD LOCATION: RESTROOMS	HTW-2		HARD WALL TILE	MANUFACTURER: SOUTH CYPRESS STYLE NAME: FIRESIDE COLOR: EMBER SIZE: 2.5" x 10" INSTALLATION: BRICK GROUT: TBD LOCATION: BREAKROOMS	SS-3	SOLID SURFACE
HTF-2		HARD FLOOR TILE	MANUFACTURER: ATLAS CONCORDE STYLE NAME: LEGACY MARBLESTONE COLOR: DOVE SIZE: 12" x 24" INSTALLATION: BRICK GROUT: TBD LOCATION: LOBBY & BREAK ROOM	HTW-3		HARD WALL TILE	MANUFACTURER: PORCELANOSA STYLE/COLOR: ELEMENTS PATTERN WIND SIZE: 12" x 12" MOSAIC GROUT: TBD LOCATION: BREAKROOMS	SS-4
SC-1	SEALED CONCRETE	CLEAR SEALED ON CLEANED CONCRETE PROVIDED BY CONCRETE SUB-CONTRACTOR TYP.	HTW-4	HARD WALL TILE	MANUFACTURER: DALTILE STYLE: MINUTE MOSAIX - NATURAL STONE COLOR: CARRARA WHITE M701 SIZE: RANDOM MOSAIC GROUT: TBD LOCATION: RESTROOM ACCENT		TS-1	TACKABLE SURFACE FABRIC
WOC-1	WALK OFF CARPET TILE	MANUFACTURER: MANNINGTON STYLE: RUFFIAN II COLOR: BROWN BRANCHES SIZE: 24" X 24" LOCATION: VESTIBULE	WP-1		WALL PROTECTION	MANUFACTURER: KOROSEAL STYLE: KOROGARD COLOR: RELAXED GRAY (5A) SHEET SIZE: 4' X 8' THICKNESS: 0.040" LOCATION: LOBBY WHERE NOTED ON FINISH PLAN	TP-1	
						CR-1	CHAIR RAILS	MANUFACTURER: EQUAL TO EF SAN JUAN STYLE NAME: C4047 COLOR: PNT-1 LOCATION: SEE FINISH SCHEDULE
BASE						CRN-1	CROWN MOULDING	MANUFACTURER: EQUAL TO EF SAN JAUN STYLE NAME: CR3001 COLOR: PNT-1 LOCATION: SEE FINISH SCHEDULE
RB-1	RUBBER BASE	MANUFACTURER: TARKETT STYLE NAME: BASEWORKS THERMOSET COLOR: 29 MOON ROCK SIZE: 4" W COVE LOCATION: WHERE SCHEDULED				BLINDS	WINDOW BLINDS	PRODUCT EQUAL TO FAUX WOOD HORIZONTAL COLLECTION STYLE: 2" BLINDS COLOR: TBD LOCATION: TAGGED AS WB-1 IN RCP
HTB-1	HARD TILE BASE	MANUFACTURER: ATLAS CONCORDE STYLE NAME: PATH COLOR: SILVER PEARL SIZE: 4" H WITH METAL SCHLUTER COVE TRANSITION PIECE GROUT: TBD LOCATION: LOBBY & BREAK ROOM				SCHLUTER	SCHLUTER COVE PROFILE	PRODUCT EQUAL TO: SCHLUTER DILEX-AHK LOCATION: ALL HTF TO HTB/HTW CONDITIONS
MB-1		METAL BASE	MANUFACTURER: SCHLUTER STYLE NAME: DESIGNBASE-SL COLOR: SATIN ANODIZED ALUMINUM SIZE: 3 1/8" H LOCATION: RECEPTION DESK				SCHLUTER	SCHLUTER EDGE PROFILE



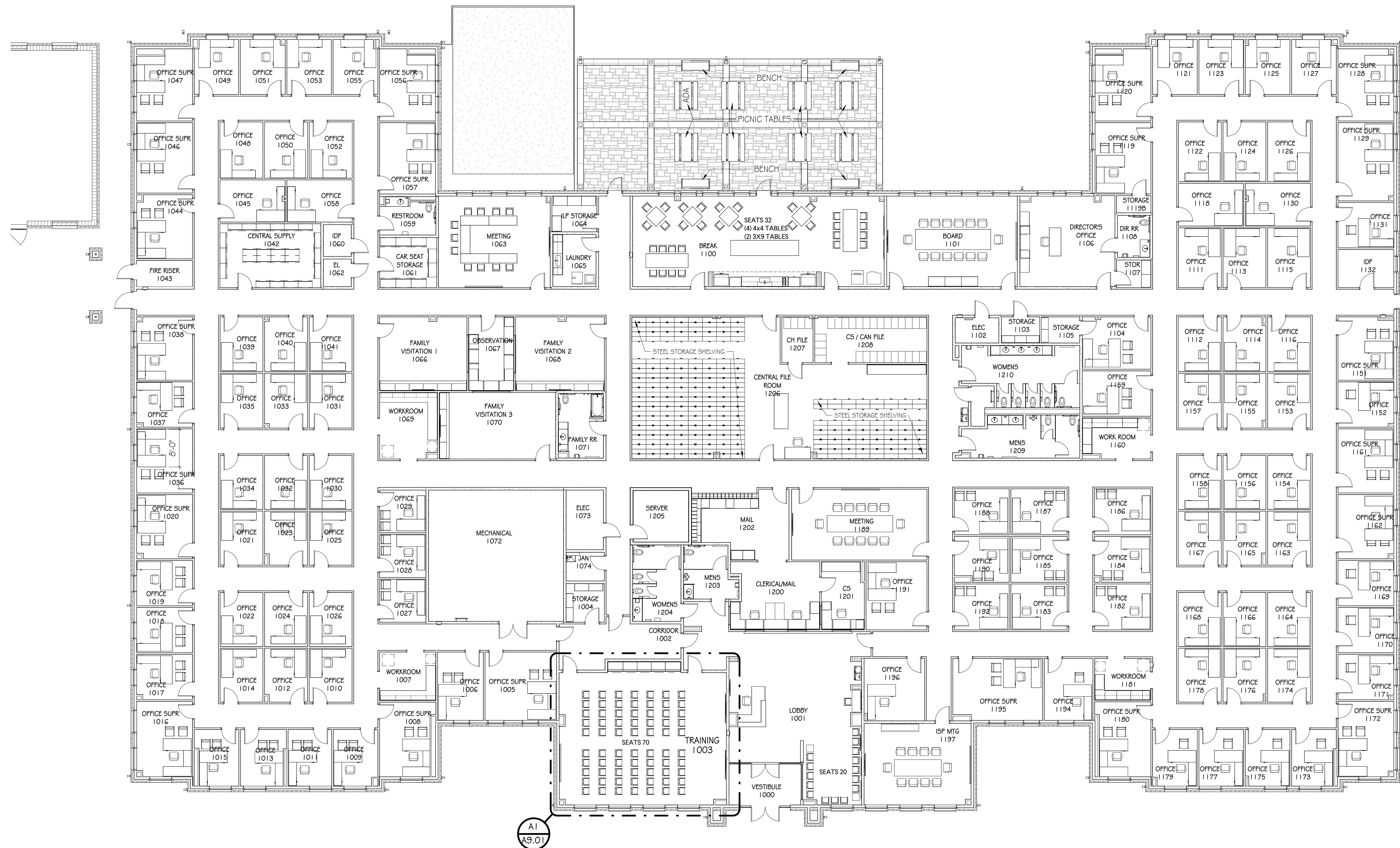
A4 FINISH PLAN

sheet of

1. MODULAR CASEWORK (BUILT-IN DESKS) AND LOOSE FURNITURE (IE, TABLES AND CHAIRS) ARE SHOWN FOR INFORMATION AND COORDINATION ONLY, AND ARE PROVIDED BY OTHERS.
2. GENERAL CONTRACTOR TO COORDINATE INSTALLATION WITH SUPPLIER OF OWNER PROVIDED HIGH DENSITY STEEL STORAGE SHELVING SYSTEM
3. GENERAL CONTRACTOR TO PROVIDE 'SITE FURNISHINGS' (PICNIC TABLE, BENCH, TRASH CAN) PER SPECIFICATION SECTION 32 3300. ANCHOR TABLES AND BENCHES TO CONCRETE.
4. GENERAL CONTRACTOR TO PROVIDE BLOCKING IN WALLS AT "ABOVE DESK" MODULAR CASEWORK SHELVING LOCATIONS. VERY DIMENSIONS WITH MODULAR CASEWORK MANUFACTURER DRAWINGS PROVIDED BY OTHERS.
5. GENERAL CONTRACTOR TO COORDINATE OUTLET LOCATIONS AS DESKS TO INSURE THEY ARE ACCESSIBLE FROM THE DESK CHAIR AREA.



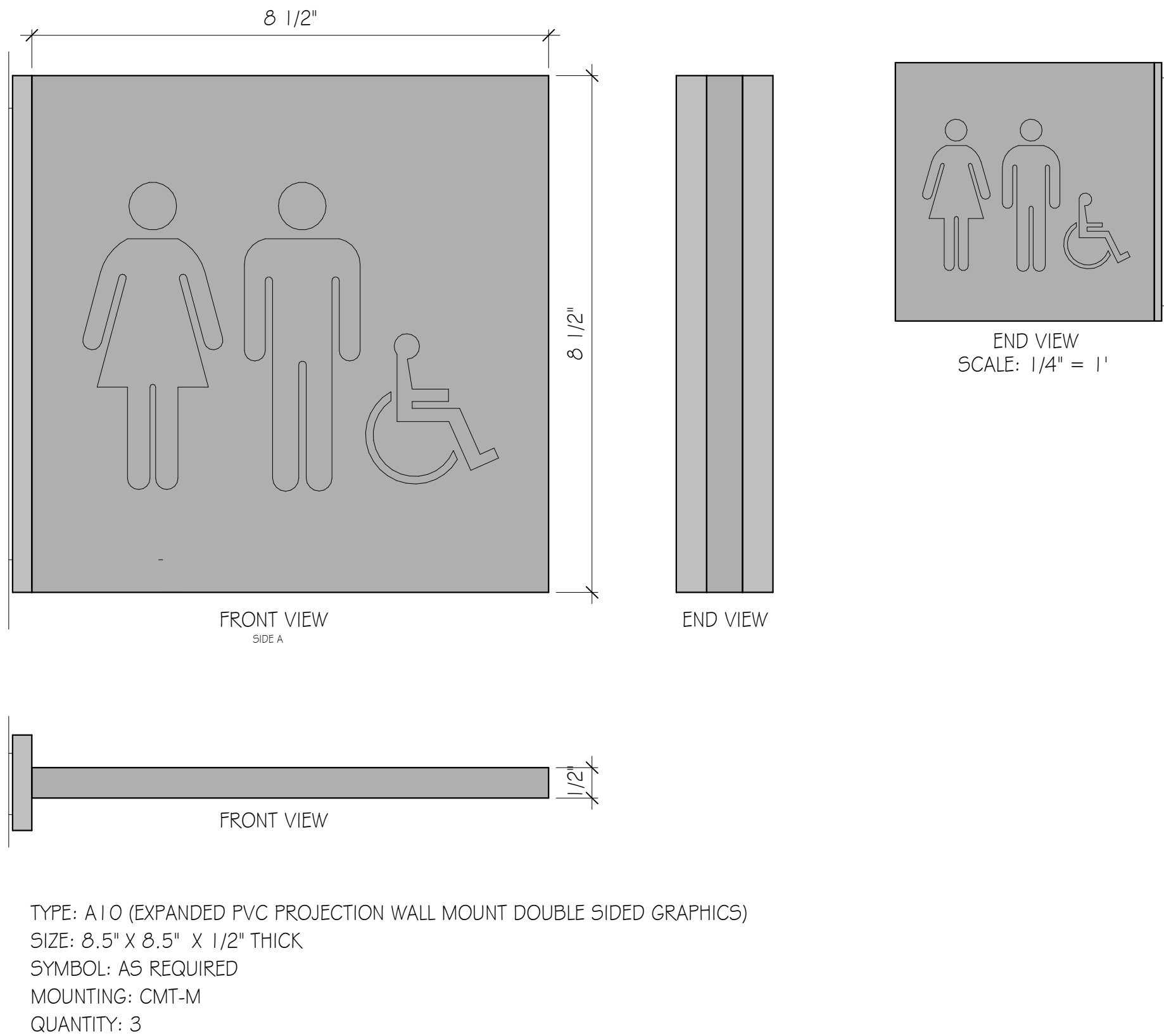
A1 TRAINING - ALTERNATE LAYOUT



A4 FURNITURE PLAN

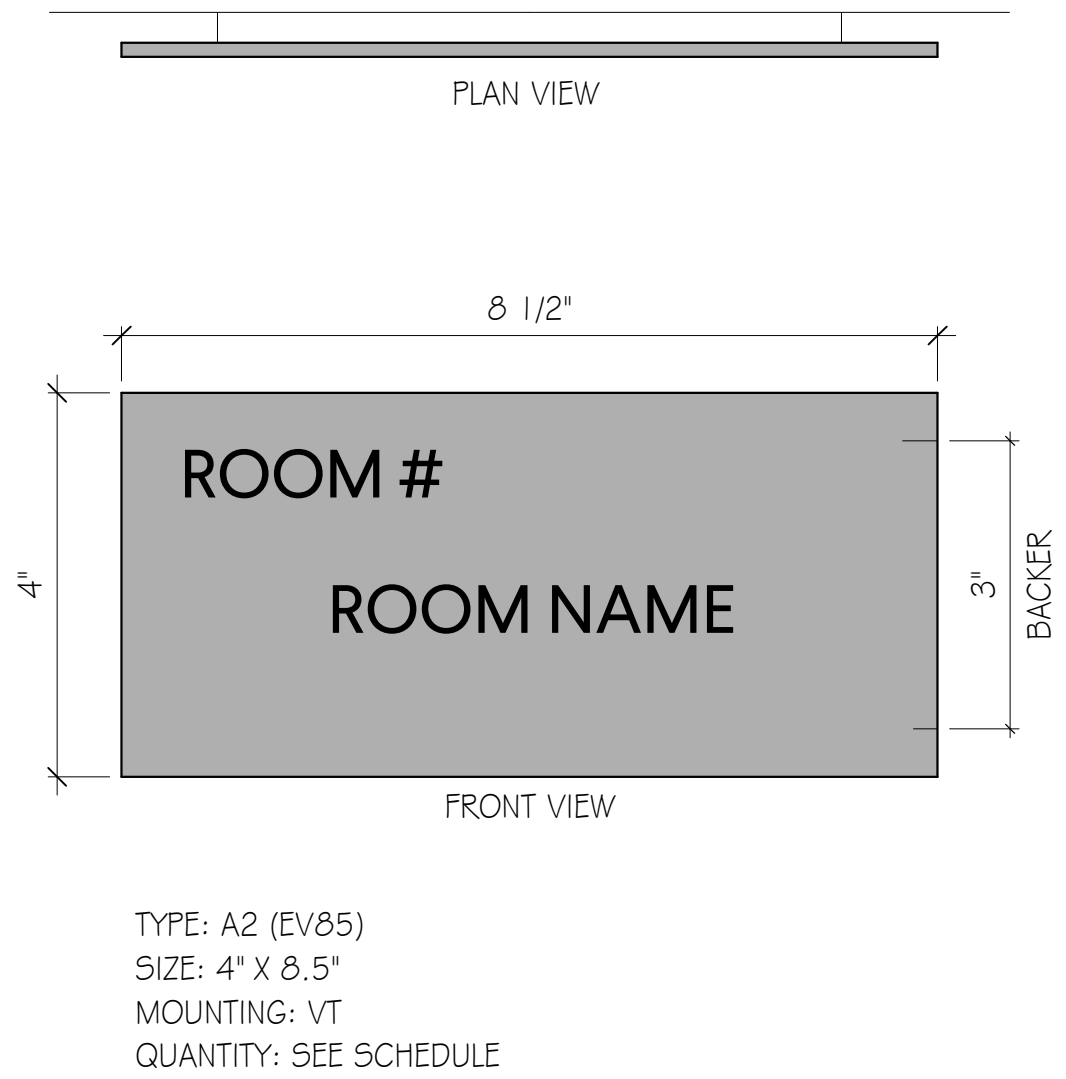
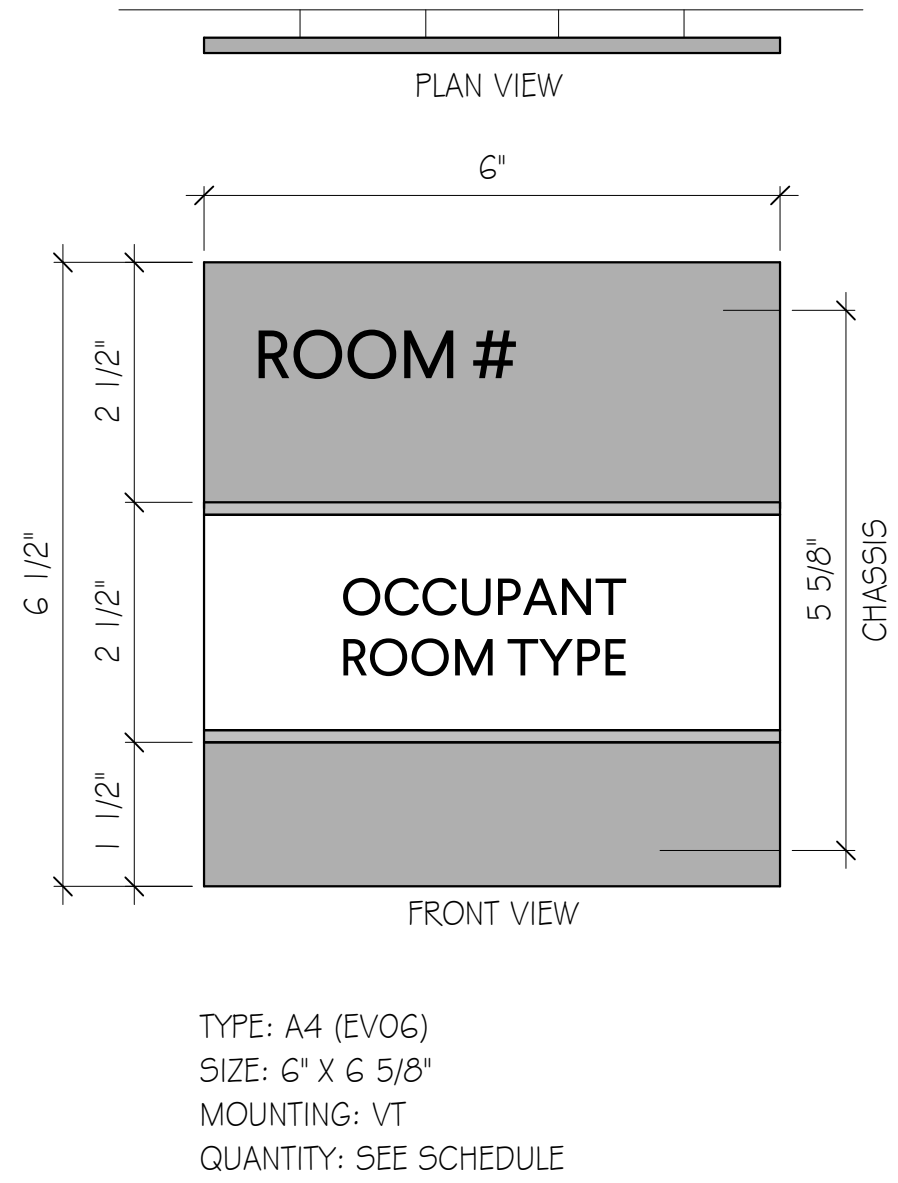
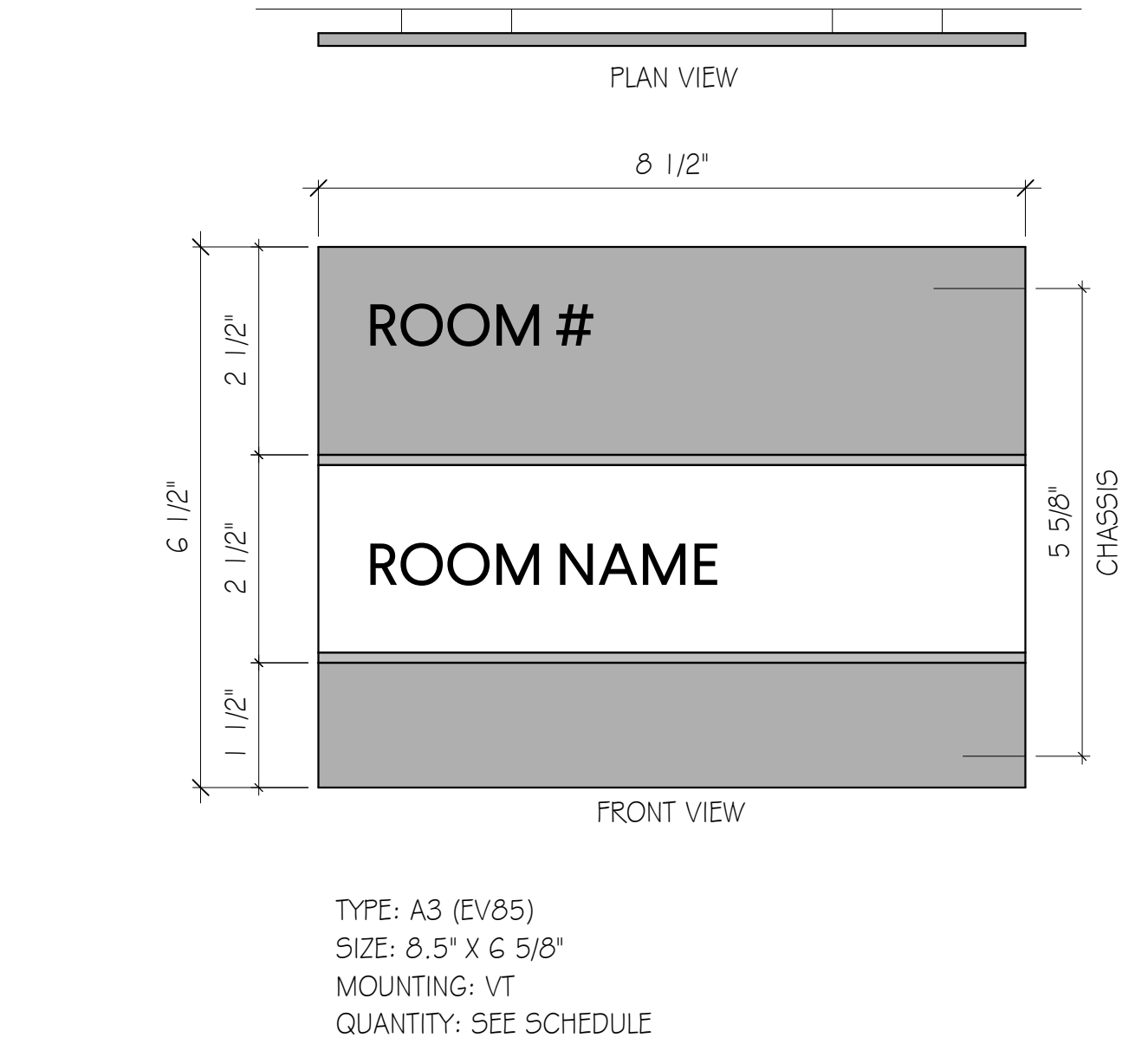
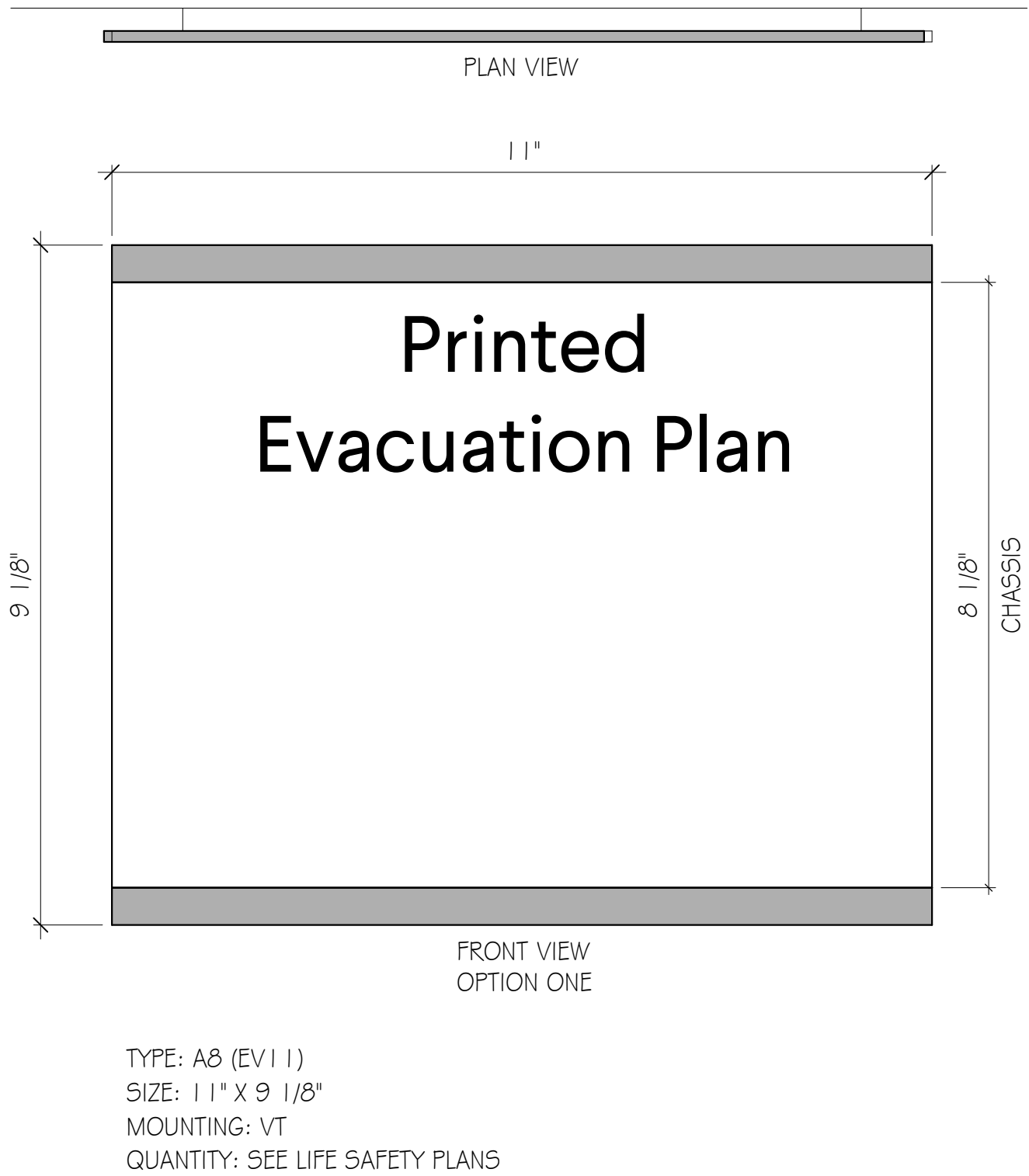
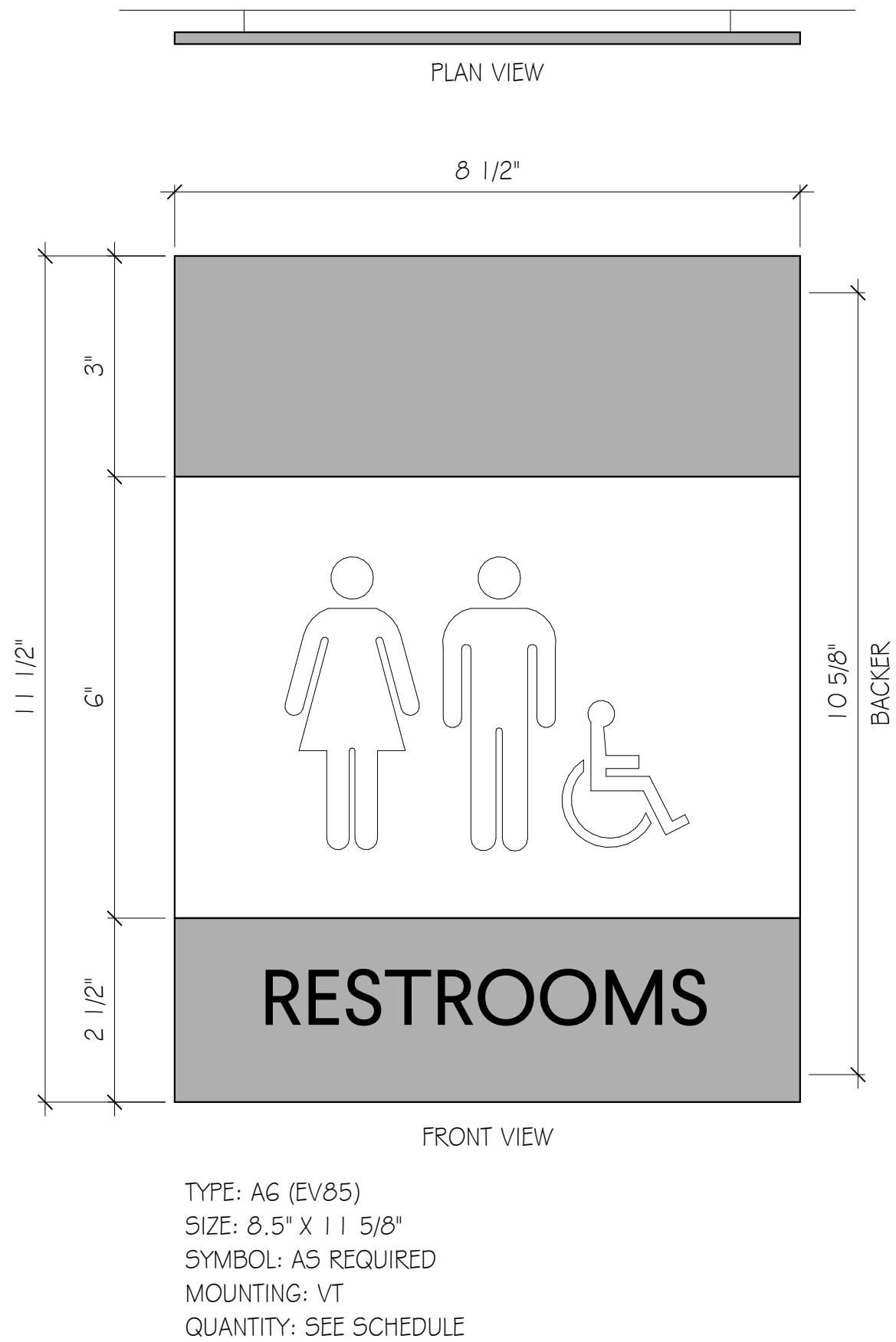
SIGNAGE SCHEDULE					
NAME	NUMBER	SIGN TYPE	MESSAGE ROOM NAME	SIGNAGE COMMENTS	QUANTITY
VESTIBULE	1000	-			
LOBBY	1001	A3			2
CORRIDOR	1002	-			
TRAINING	1003	A3			2
STORAGE	1004	A2			
OFFICE SUPR.	1005	A4			
OFFICE	1006	A4			
WORKROOM	1007	A2			2
OFFICE SUPR.	1008	A4			
OFFICE	1009	A4			
OFFICE	1010	A4			
OFFICE	1011	A4			
OFFICE	1012	A4			
OFFICE	1013	A4			
OFFICE	1014	A4			
OFFICE	1015	A4			
OFFICE SUPR.	1016	A4			
OFFICE	1017	A4			
OFFICE	1018	A4			
OFFICE	1019	A4			
OFFICE SUPR.	1020	A4			
OFFICE	1021	A4			
OFFICE	1022	A4			
OFFICE	1023	A4			
OFFICE	1024	A4			
OFFICE	1025	A4			
OFFICE	1026	A4			
OFFICE	1027	A4			
OFFICE	1028	A4			
OFFICE	1029	A4			
OFFICE	1030	A4			
OFFICE	1031	A4			
OFFICE	1032	A4			
OFFICE	1033	A4			
OFFICE	1034	A4			
OFFICE	1035	A4			
OFFICE SUPR.	1036	A4			
OFFICE	1037	A4			
OFFICE SUPR.	1038	A4			
OFFICE	1039	A4			
OFFICE	1040	A4			
OFFICE	1041	A4			
CENTRAL SUPPLY	1042	A2			
FIRE RISER	1043	A2			
OFFICE SUPR.	1044	A4			
OFFICE	1045	A4			
OFFICE SUPR.	1046	A4			
OFFICE SUPR.	1047	A4			
OFFICE	1048	A4			
OFFICE	1049	A4			
OFFICE	1050	A4			
OFFICE	1051	A4			
OFFICE	1052	A4			
OFFICE	1053	A4			
OFFICE	1055	A4			
OFFICE SUPR.	1056	A4			
OFFICE SUPR.	1057	A4			
OFFICE	1058	A4			
RESTROOM	1059	A6			
IDF	1060	A2			
CAR SEAT STORAGE	1061	A2			
EL	1062	A2			
MEETING	1063	A3			
ILP STORAGE	1064	A2			
LAUNDRY	1065	A2			
FAMILY VISITATION 1	1066	A3			
OBSERVATION	1067	A3			
FAMILY VISITATION 2	1068	A3			
WORKROOM	1069	A2			2
FAMILY VISITATION 3	1070	A3			
FAMILY RR	1071	A6			
MECHANICAL	1072	A2			2
ELEC	1073	A2			
JAN	1074	A2			
BREAK	1100	A3			2
BOARD	1101	A3			2
ELEC	1102	A2			
STORAGE	1103	A2			
OFFICE	1104	A4			
STORAGE	1105	A2			
DIRECTOR'S OFFICE	1106	A4			
STOR	1107	A2			
DIR RR	1108	A6			
OFFICE	1111	A4			
OFFICE	1112	A4			
OFFICE	1113	A4			
OFFICE	1114	A4			
OFFICE	1115	A4			
OFFICE	1116	A4			
OFFICE	1118	A4			
OFFICE SUPR.	1119	A4			
STORAGE	1119B	A2			
OFFICE SUPR.	1120	A4			
OFFICE	1121	A4			
OFFICE	1122	A4			
OFFICE	1123	A4			
OFFICE	1124	A4			
OFFICE	1125	A4			
OFFICE	1126	A4			

SIGNAGE SCHEDULE					
NAME	NUMBER	SIGN TYPE	MESSAGE ROOM NAME	SIGNAGE COMMENTS	QUANTITY
OFFICE	1127	A4			
OFFICE SUPR.	1128	A4			
OFFICE SUPR.	1129	A4			
OFFICE	1130	A4			
OFFICE	1131	A4			
IDF	1132	A2			
OFFICE SUPR.	1151	A4			
OFFICE	1152	A4			
OFFICE	1153	A4			
OFFICE	1154	A4			
OFFICE	1155	A4			
OFFICE	1156	A4			
OFFICE	1157	A4			
OFFICE	1158	A4			
OFFICE	1159	A4			
WORK ROOM	1160	A2			2
OFFICE SUPR.	1161	A4			
OFFICE SUPR.	1162	A4			
OFFICE	1163	A4			
OFFICE	1164	A4			
OFFICE	1165	A4			
OFFICE	1166	A4			
OFFICE	1167	A4			
OFFICE	1168	A4			
OFFICE	1169	A4			
OFFICE	1170	A4			
OFFICE	1171	A4			
OFFICE SUPR.	1172	A4			
OFFICE	1173	A4			
OFFICE	1174	A4			
OFFICE	1175	A4			
OFFICE	1176	A4			
OFFICE	1177	A4			
OFFICE	1178	A4			
OFFICE	1179	A4			
OFFICE SUPR.	1180	A4			
WORKROOM	1181	A2			2
OFFICE	1182	A4			
OFFICE	1183	A4			
OFFICE	1184	A4			
OFFICE	1185	A4			
OFFICE	1186	A4			
OFFICE	1187	A4			
OFFICE	1188	A4			
MEETING	1189	A3			2
OFFICE	1190	A4			
OFFICE	1191	A4			
OFFICE	1192	A4			
OFFICE	1194	A4			
OFFICE SUPR.	1195	A4			
OFFICE	1196	A4			
ISP MTG	1197	A3			
CLERICAL/MAIL	1200	A3			
CS	1201	A3			
MAIL	1202	A3			
MENS	1203	A6			
WOMENS	1204	A6			
SERVER	1205	A2			
CENTRAL FILE ROOM	1206	A3			2
CH FILE	1207	A2			
CS / CAN FILE	1208	A2			
MENS	1209	A6			
WOMENS	1210	A6			
STOR	1211	A2			
CORRIDOR	1501	-			



SIGNAGE TYPES:

BASED ON APCO SIGNS ELEVATE SERIES



SIGNAGE SCHEDULE

HOUSTON COUNTY DHR

172 Prevatt Rd

Dothan, Alabama 36301

GMC # ABHM250019

ISSUE DATE

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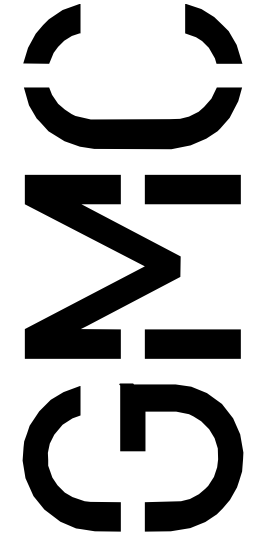
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2021 IBC - SCHEDULE OF SPECIAL INSPECTIONS		
MATERIAL/ACTIVITY	EXTENT	INSTRUCTIONS/FREQUENCY
FABRICATED STEEL OR ERECTED STEEL FRAME	PERFORM	VERIFY COMPLIANCE WITH THE DETAILS SHOWN ON THE CONSTRUCTION DOCUMENTS [INCLUDES SUCH ITEMS AS BRACES, STIFFENERS, MEMBER LOCATIONS AND THE CORRECT APPLICATION OF JOINT DETAILS AT EACH CONNECTION.]
COLD-FORMED STEEL DECK [IBC 1705.2.2]		
PRIOR TO DECK PLACEMENT [SDI QA/QC - 2017, TABLE 1.1]:		
VERIFY COMPLIANCE OF MATERIALS [DECK AND ALL DECK ACCESSORIES] WITH CONSTRUCTION DOCUMENTS, INCLUDING PROFILES, MATERIAL PROPERTIES, AND BASE METAL THICKNESS	PERFORM	
DOCUMENT ACCEPTANCE OR REJECTION OF DECK AND DECK ACCESSORIES	PERFORM	
AFTER DECK PLACEMENT [SDI QA/QC - 2017, TABLE 1.2]:		
VERIFY COMPLIANCE OF MATERIALS AND ALL DECK ACCESSORIES INSTALLATION WITH CONSTRUCTION DOCUMENTS	PERFORM	
VERIFY DECK MATERIALS ARE REPRESENTED BY THE MILL CERTIFICATIONS THAT COMPLY WITH THE CONSTRUCTION DOCUMENTS	PERFORM	
DOCUMENT ACCEPTANCE OR REJECTION OF INSTALLATION OF DECK AND DECK ACCESSORIES	PERFORM	
PRIOR TO WELDING [SDI QA/QC - 2017, TABLE 1.3]:		
WELDING PROCEDURE SPECIFICATIONS [WPS] AVAILABLE	OBSERVE	
MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	OBSERVE	
MATERIAL IDENTIFICATION [TYPE/GRADE]	OBSERVE	
CHECK WELDING EQUIPMENT	OBSERVE	
DURING WELDING [SDI QA/QC - 2017, TABLE 1.4]:		
USE OF QUALIFIED WELDERS	OBSERVE	
CONTROL AND HANDLING OF WELDING CONSUMABLES	OBSERVE	
ENVIRONMENTAL CONDITIONS [WIND SPEED, MOISTURE, TEMPERATURE]	OBSERVE	
WPS FOLLOWED	OBSERVE	
AFTER WELDING [SDI QA/QC - 2017, TABLE 1.5]:		
VERIFY SIZE AND LOCATION OF WELDS, INCLUDING SUPPORT, SIDELAP, AND PERIMETER WELDS	PERFORM	
WELDS MEET VISUAL ACCEPTANCE CRITERIA	PERFORM	
VERIFY REPAIR ACTIVITIES	PERFORM	
DOCUMENT ACCEPTANCE OR REJECTION OF WELDS	PERFORM	
PRIOR TO MECHANICAL FASTENING [SDI QA/QC - 2017, TABLE 1.4]:		
MANUFACTURER INSTALLATION INSTRUCTIONS AVAILABLE FOR MECHANICAL FASTENERS	OBSERVE	
PROPER TOOLS AVAILABLE FOR FASTENER INSTALLATION	OBSERVE	
PROPER STORAGE FOR MECHANICAL FASTENERS	OBSERVE	
DURING MECHANICAL FASTENING [SDI QA/QC - 2017, TABLE 1.7]:		
FASTENERS ARE POSITIONED AS REQUIRED	OBSERVE	
FASTENERS ARE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS	OBSERVE	
AFTER MECHANICAL FASTENING [SDI QA/QC - 2017, TABLE 1.8]:		
CHECK SPACING, TYPE, AND INSTALLATION OF SUPPORT FASTENERS	PERFORM	
CHECK SPACING, TYPE, AND INSTALLATION OF SIDELAP FASTENERS	PERFORM	
CHECK SPACING, TYPE, AND INSTALLATION OF PERIMETER FASTENERS	PERFORM	
VERIFY REPAIR ACTIVITIES	PERFORM	
DOCUMENT ACCEPTANCE OR REJECTION OF MECHANICAL FASTENERS	PERFORM	
CONCRETE CONSTRUCTION [IBC 1705.3 AND IBC TABLE 1705.3]:		
INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT	PERIODIC	REFERENCE ACI 318 CH. 20, 25.2, 25.3, 26.6.1-26.6.3 AND IBC 1908.4
INSPECT ANCHORS CAST IN CONCRETE	PERIODIC	REFERENCE ACI 318: 17.8.2
INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS:	CONTINUOUS	SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH ACI 318: 17.8.2 OR OTHER QUALIFICATION PROCEDURES, WHERE NOT PROVIDED, CONSULT WITH REGISTERED DESIGN PROFESSIONAL FOR REQUIREMENTS TO BE APPROVED BY BUILDING OFFICIAL PRIOR TO PROCEEDING.
ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST TENSION LOADS	CONTINUOUS	REFERENCE ACI 318: 17.8.2.4
MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED ABOVE	PERIODIC	REFERENCE ACI 318: 17.8.2
VERIFY USE OF REQUIRED DESIGN MIX.	PERFORM	REFERENCE ACI 318: CH. 19, 26.4.3, 26.4.4 AND IBC 1904.1-2
PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	CONTINUOUS	REFERENCE ASTM C172 & C31: ACI 318: 26.4, 26.12
INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	CONTINUOUS	REFERENCE ACI 318: 26
VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	PERIODIC	REFERENCE ACI 318: 26.5.5
INSTALLATION OF THE EMBEDDED PARTS	CONTINUOUS	
COMPLETION OF THE CONTINUITY OF REINFORCEMENT ACROSS JOINTS	CONTINUOUS	
MASONRY CONSTRUCTION [IBC 1705.4]		
LEVEL 2 QUALITY ASSURANCE [TMS 402-16 TABLE 3.1 & TMS 402-16 TABLES 3&4]		APPLICABLE TO RISK CATEGORIES I, II, III
VERIFY COMPLIANCE WITH THE APPROVED SUBMITTALS PRIOR TO CONSTRUCTION		MINIMUM VERIFICATION - REFERENCE TMS 402, ART. 1.5
VERIFY FM AND FAAC PRIOR TO CONSTRUCTION, EXCEPT WHERE SPECIFICALLY EXEMPTED BY THIS CODE		MINIMUM VERIFICATION - REFERENCE TMS 402, ART. 1.4 B
VERIFY SLUMP FLOW AND VISUAL STABILITY INDEX [VSI] WHEN SELF-CONSOLIDATING GROUT IS DELIVERED TO THE PROJECT SITE		MINIMUM VERIFICATION - REFERENCE TMS 402, ART. 1.5 & 1.6.3
AS MASONRY CONSTRUCTION BEGINS, VERIFY THE FOLLOWING ARE IN COMPLIANCE:		
PROPORTIONS OF SITE-PREPARED MORTAR	PERIODIC	REFERENCE TMS 402, ART. 2.1, 2.6 A & 2.6 C
GRADE AND SIZE OF PRESTRESSING TENDONS AND ANCHORAGES	PERIODIC	REFERENCE TMS 402, ART. 2.4 B & 2.4 H
GRADE, TYPE AND SIZE OF REINFORCEMENT, CONNECTORS, ANCHOR BOLTS, AND PRESTRESSING TENDONS AND ANCHORAGES	PERIODIC	REFERENCE TMS 402, ART. 3.4 & 3.6 A
PRESTRESSING TECHNIQUE	PERIODIC	REFERENCE TMS 402, ART. 3.4 B
PROPERTIES OF THIN-BED MORTAR FOR AAC MASONRY	CONTINUOUS/PERIODIC	CONTINUOUS IS REQUIRED FOR THE FIRST 5000 SF OF AAC MASONRY. PERIODIC IS REQUIRED AFTER THE FIRST 5000 SF OF AAC MASONRY.
SAMPLE PANEL CONSTRUCTION	PERIODIC	REFERENCE TMS 402, ART. 2.1 C
PRIOR TO GROUTING, VERIFY THE FOLLOWING ARE IN COMPLIANCE:		
GROUT SPACE	PERIODIC	REFERENCE TMS 402, ART. 1.6 D
PLACEMENT OF REINFORCEMENT, CONNECTORS, AND ANCHOR BOLTS	PERIODIC	REFERENCE TMS 402, ART. 3.2 D & 3.2 F
	PERIODIC	REFERENCE TMS 402, SEC. 6.1, 6.3.1, 6.3.6 & 6.3.7 AND TMS 402, ART. 3.2 E & 3.4
VERIFY COMPLIANCE OF THE FOLLOWING DURING CONSTRUCTION:		
MATERIALS AND PROCEDURES WITH THE APPROVED SUBMITTALS	PERIODIC	REFERENCE TMS 402, ART. 1.5
PLACEMENT OF MASONRY UNITS AND MORTAR JOINT CONSTRUCTION.	PERIODIC	REFERENCE TMS 402, ART. 3.3 B
SIZE AND LOCATION OF STRUCTURAL ELEMENTS	PERIODIC	REFERENCE TMS 402, ART. 3.3 F
TYPE, SIZE, AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION	PERIODIC	REFERENCE TMS 402, SEC. 1.2.1 (E), 6.2.1, & 6.3.1
PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (<40°F) OR HOT WEATHER (>90°F)	PERIODIC	REFERENCE TMS 402, ART. 1.8 C & 1.8 D
PLACEMENT OF AAC MASONRY UNITS AND CONSTRUCTION OF THIN-BED MORTAR JOINTS	CONTINUOUS/PERIODIC	CONTINUOUS IS REQUIRED FOR THE FIRST 5000 SF OF AAC MASONRY. PERIODIC IS REQUIRED AFTER THE FIRST 5000 SF OF AAC MASONRY.
OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS	PERIODIC	REFERENCE TMS 402, ART. 1.4 B, 2.3.1, 1.4 B, 2.3.3, 1.4 B, 2.3.3.1, 1.4 B.3, 1.4 B.3.1, 1.4 B.3.2, 1.4 B.3.3, 1.4 B.3.4, 1.4 B.3.5, 1.4 B.3.6, 1.4 B.3.7, 1.4 B.3.8, 1.4 B.3.9, 1.4 B.3.10, 1.4 B.3.11, 1.4 B.3.12, 1.4 B.3.13, 1.4 B.3.14, 1.4 B.3.15, 1.4 B.3.16, 1.4 B.3.17, 1.4 B.3.18, 1.4 B.3.19, 1.4 B.3.20, 1.4 B.3.21, 1.4 B.3.22, 1.4 B.3.23, 1.4 B.3.24, 1.4 B.3.25, 1.4 B.3.26, 1.4 B

NOTES:

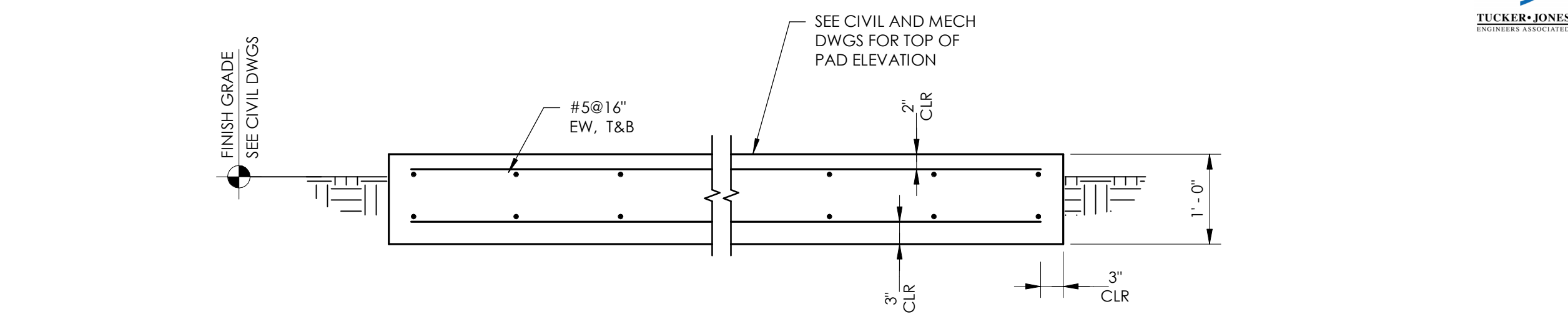
1. STRUCTURAL STEEL WELDING:
 - A. COMPLETE AND PARTIAL PENETRATION GROOVE OR FLARE - CONTINUOUS.
 - B. MULTIPLE - PASS FILLET WELDS - CONTINUOUS.
 - C. FILLS AND SLOTT WELDS - CONTINUOUS.
 - D. SINGLE - PASS FILLET WELDS $\geq 5/16"$ - PERIODIC.
 - E. DECK WELDS - PERIODIC.
2. REINFORCING STEEL WELDING:
 - A. VERIFICATION OF WELDABILITY - PERIODIC.
 - B. REINFORCING STEEL RING, FLEXURAL, AND AXIAL IN INTERMEDIATE AND SPECIAL MOMENT FRAMES AND BOUNDARY ELEMENTS IN SPECIAL WALLS OR SHEAR REIN - PERIODIC.
 - C. SHEAR REINFORCING - CONTINUOUS.
 - D. OTHER REINFORCING - PERIODIC.
3. EXCEPTIONS: SPECIAL INSPECTIONS SHALL NOT BE REQUIRED FOR:
 - A. ISOLATED SPREAD CONCRETE FOOTINGS OF BUILDINGS THREE STORIES OR LESS ABOVE GRADE PLANE THAT ARE FULLY SUPPORTED ON EARTH OR ROCK.
 - B. CONTINUOUS CONCRETE FOOTINGS SUPPORTING WALLS OF BUILDINGS THREE STORIES OR LESS ABOVE GRADE PLANE THAT ARE FULLY SUPPORTED ON EARTH OR ROCK WHERE:
 1. FOOTINGS SUPPORT WALLS OF LIGHT-FRAME CONSTRUCTION.
 2. FOOTINGS ARE DESIGNED IN ACCORDANCE WITH TABLE 1809.7.
 - C. THE STRUCTURAL DESIGN OF THE FOOTING IS BASED ON A SPECIFIED COMPRESSIVE STRENGTH, f_c , NO GREATER THAN 2500 POUNDS PER SQUARE INCH (PSI), REGARDLESS OF THE COMPRESSIVE STRENGTH SPECIFIED IN THE CONSTRUCTION DOCUMENTS OR USED IN THE FOOTING CONSTRUCTION.
 - D. NONSTRUCTURAL CONCRETE SLABS SUPPORTED DIRECTLY ON THE GROUND, INCLUDING PRESTRESSED SLABS ON GROUND, WHERE THE EFFECTIVE PRESTRESS IN THE CONCRETE IS LESS THAN 150 PSI.
 - E. CONCRETE FOUNDATION WALLS CONSTRUCTED IN ACCORDANCE WITH TABLE 1807.1.6.2.
 - F. CONCRETE PATIOS, DRIVEWAYS AND SIDEWALKS ON GRADE.

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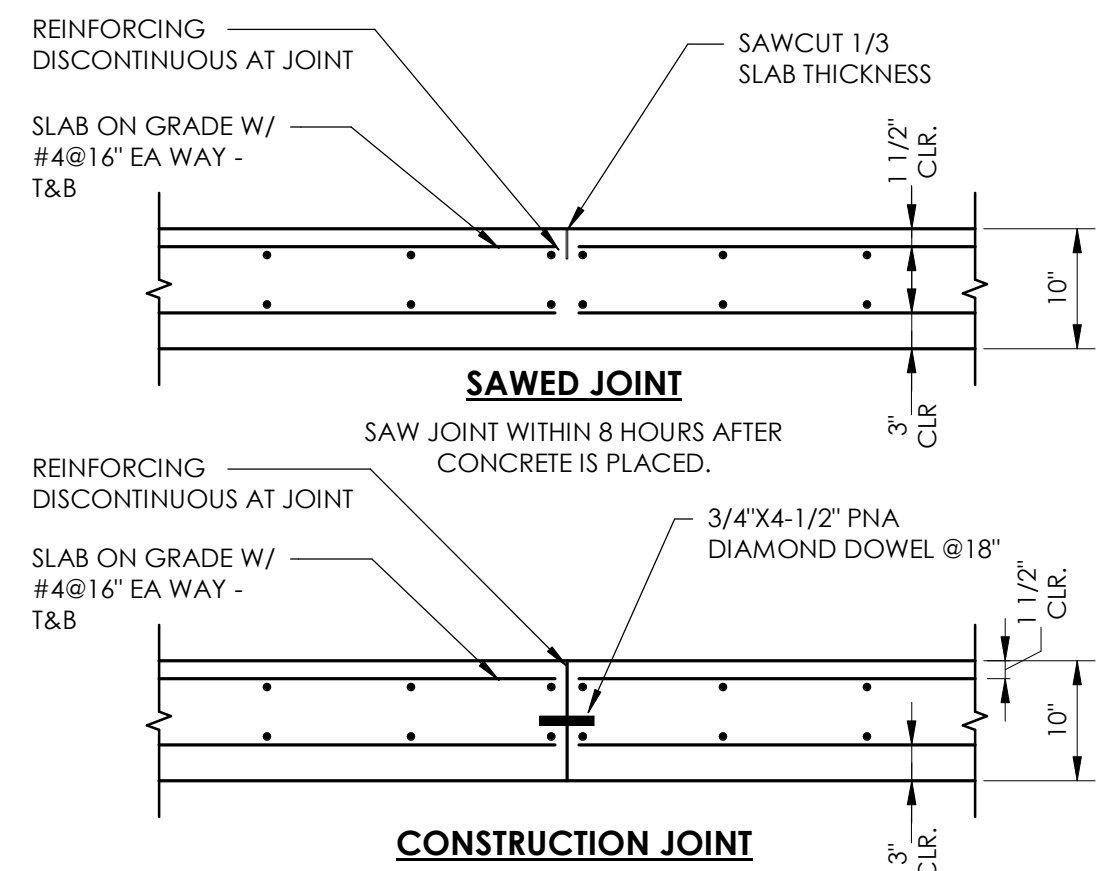
Dothan, Alabama

ALABAMA
REGISTERED
No. 31254
PROFESSIONAL
ENGINEER
CHRIS S. SNEYD
08/20/2026

\$1.03



NOTES:
1. FOR EQUIPMENT LOCATIONS, SEE CIVIL AND MEP DWGS.

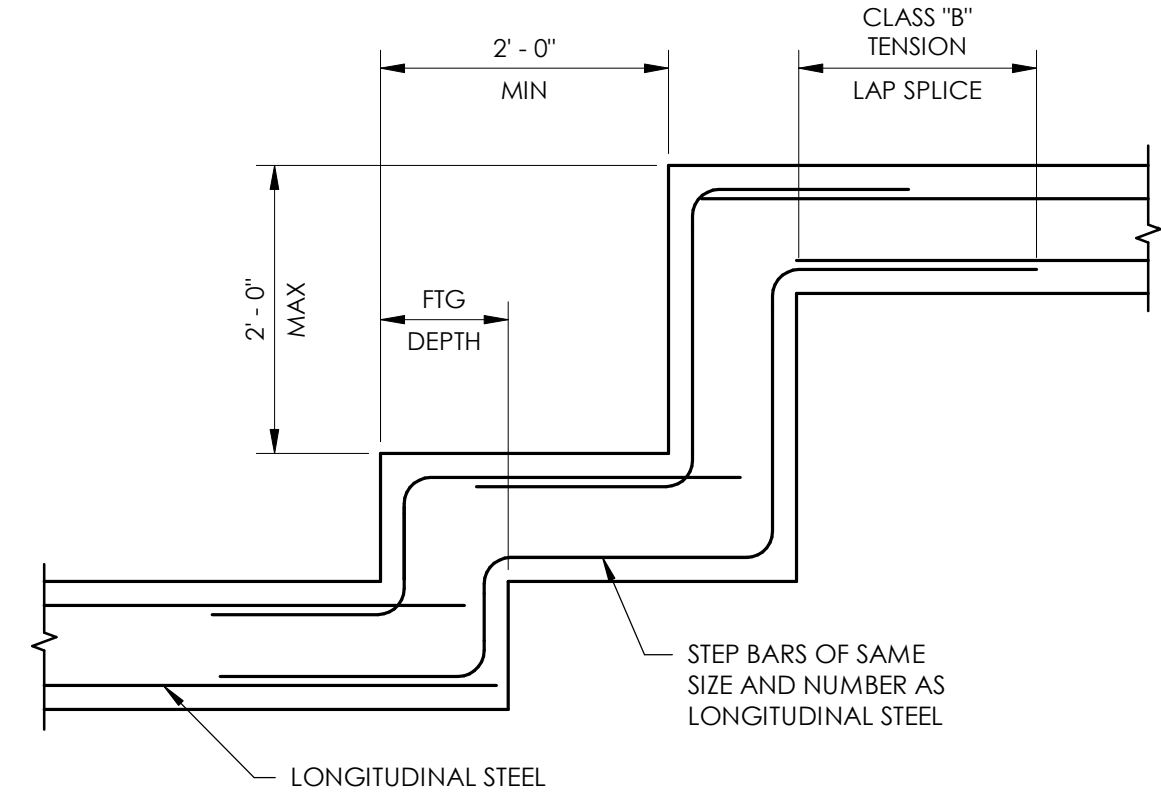


TYPICAL 10" SLAB CONTROL JOINT

JOINT TYPE IS OPTIONAL

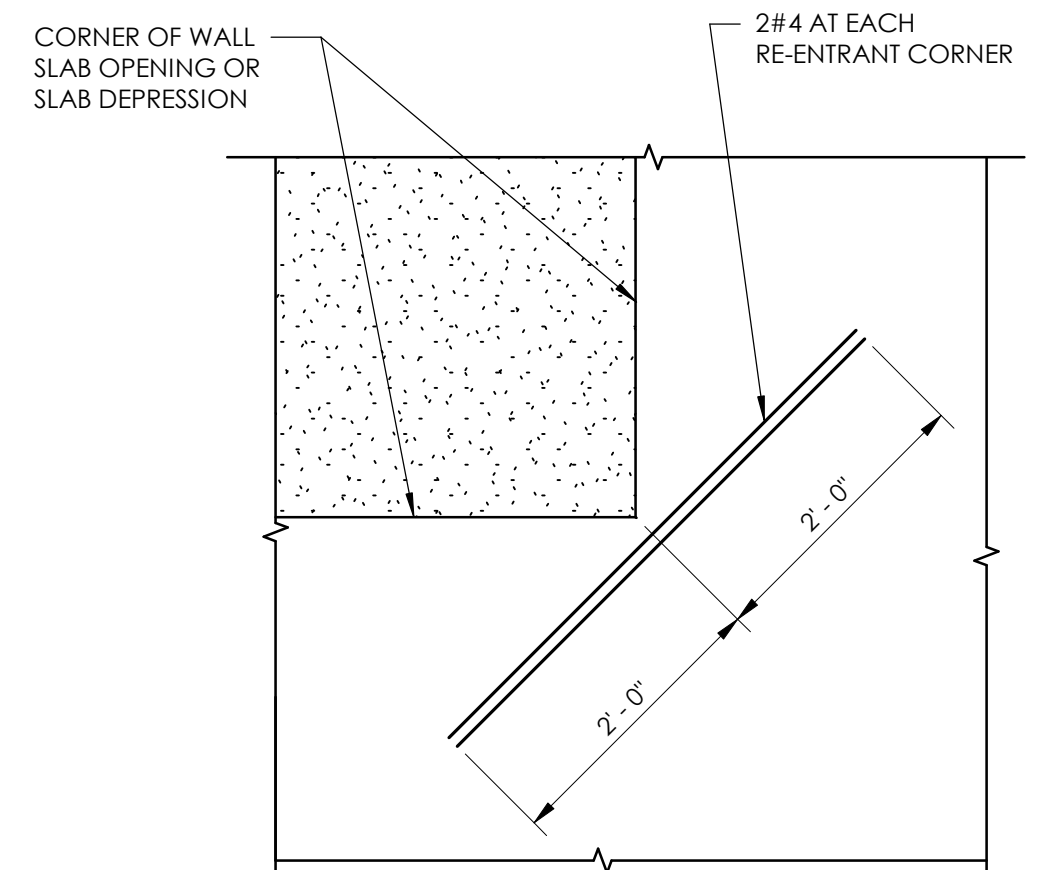
BEAM/FOOTING TENSION LAP SPLICE SCHEDULE		
BAR SIZE	f'c = 4000 PSI	
	TOP BARS	OTHER BARS
#3	25"	19"
#4	33"	25"
#5	41"	31"
#6	49"	37"
#7	71"	54"
#8	81"	62"
#9	91"	70"
#10	101"	78"
#11	114"	87"

TOP BARS ARE HORIZONTAL
REINFORCEMENT WITH MORE THAN
12' OF CONCRETE CAST BELOW THE
REINF.



TYPICAL FOOTING STEP

TYPICAL WALL CORNER REINFORCING DETAIL



TYPICAL RE-ENTRANT SLAB
CORNER REINFORCING DETAIL

A
B
C
D
E
F
G
H
J
K

1

2

3

4

5

6

7

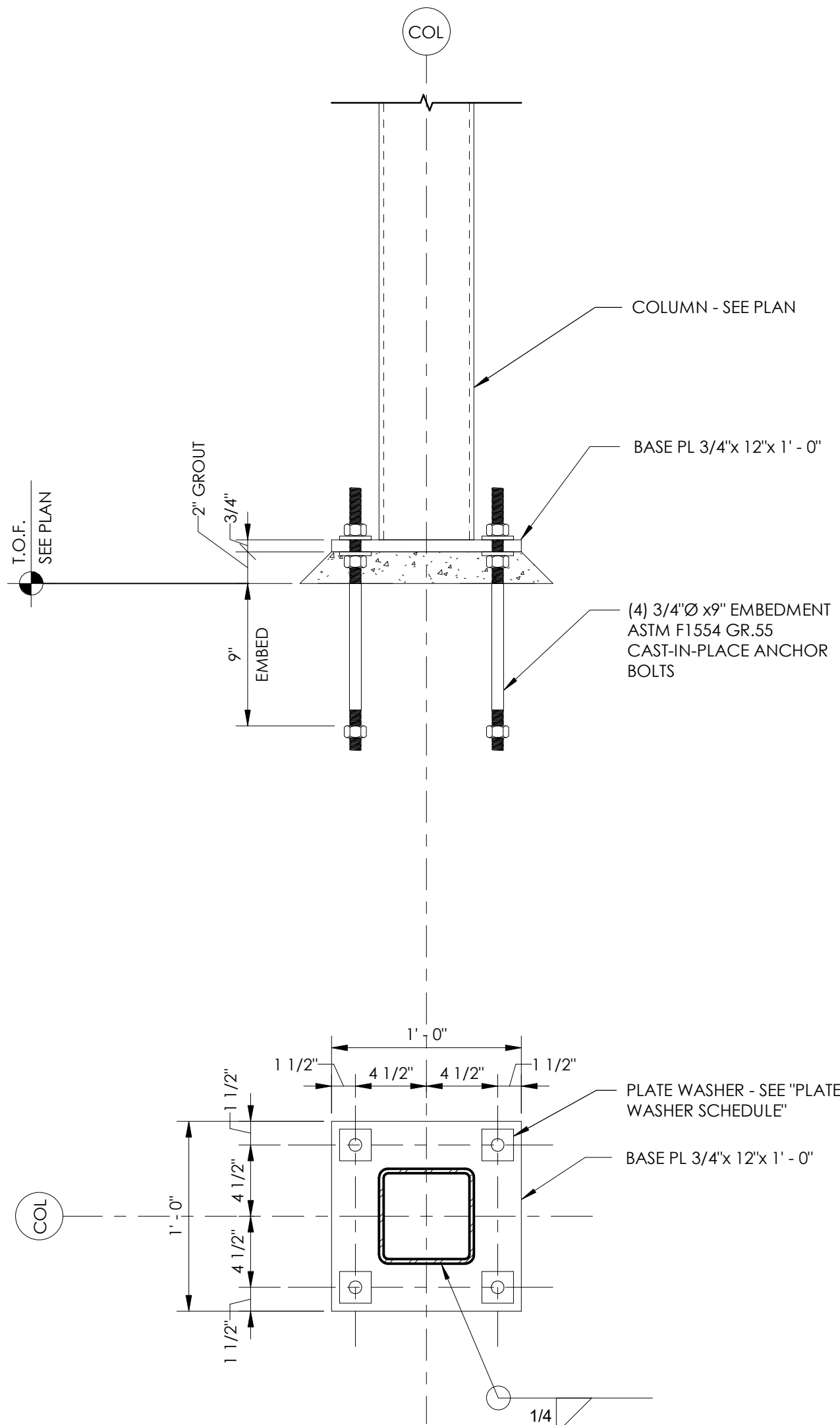
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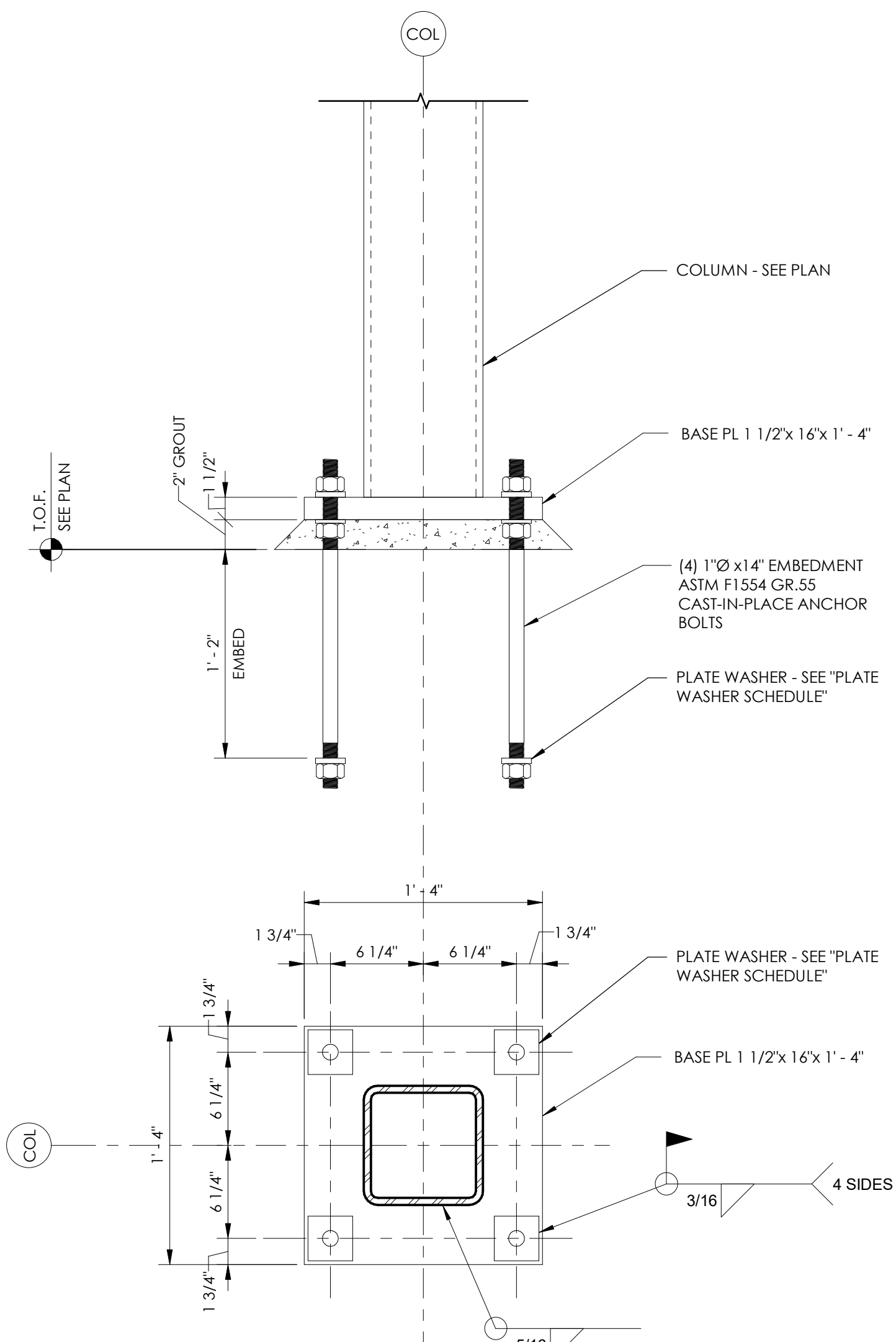
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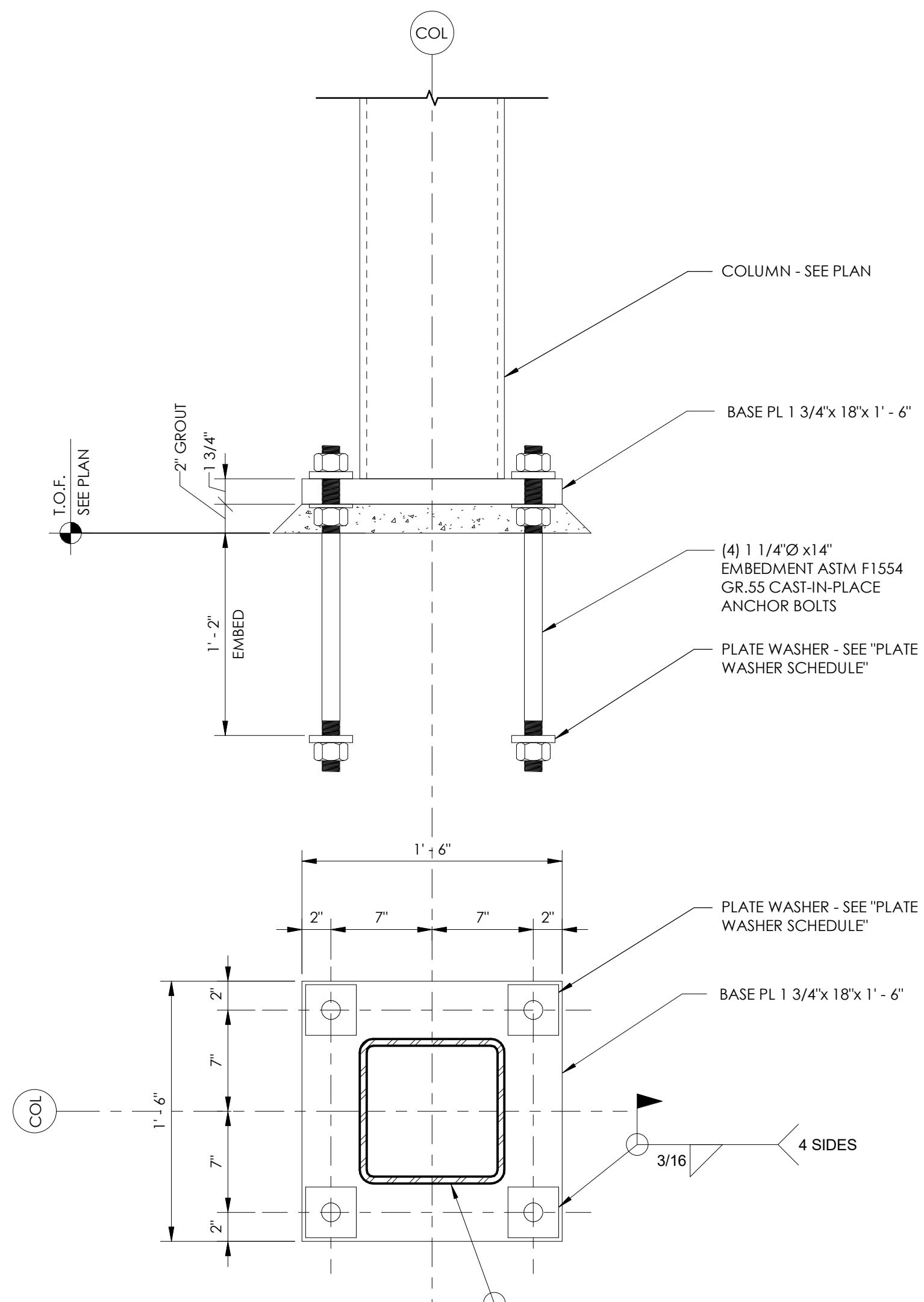
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BP1 - TYPICAL BASE PLATE



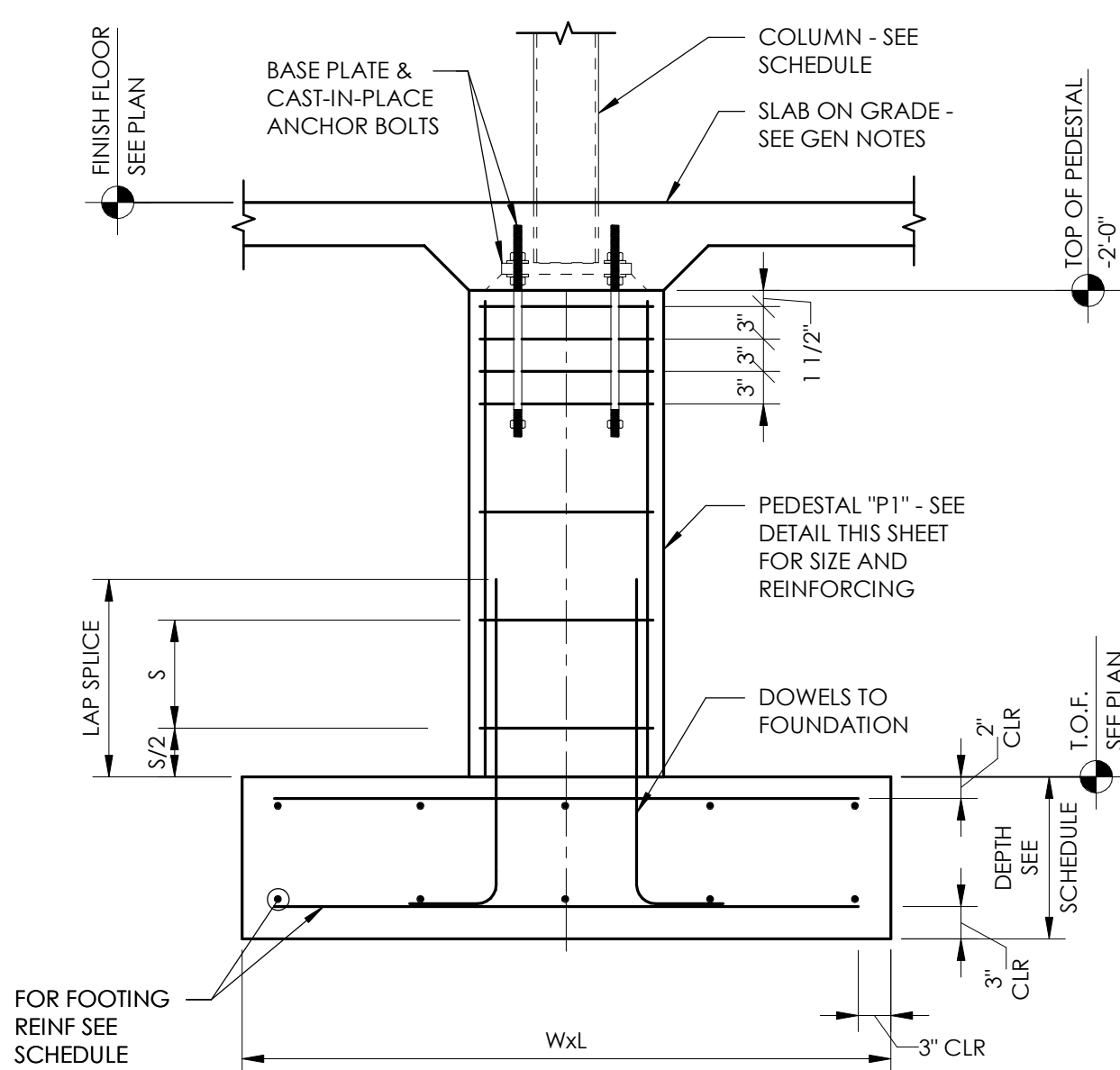
BP2 - MOMENT FRAME COLUMN



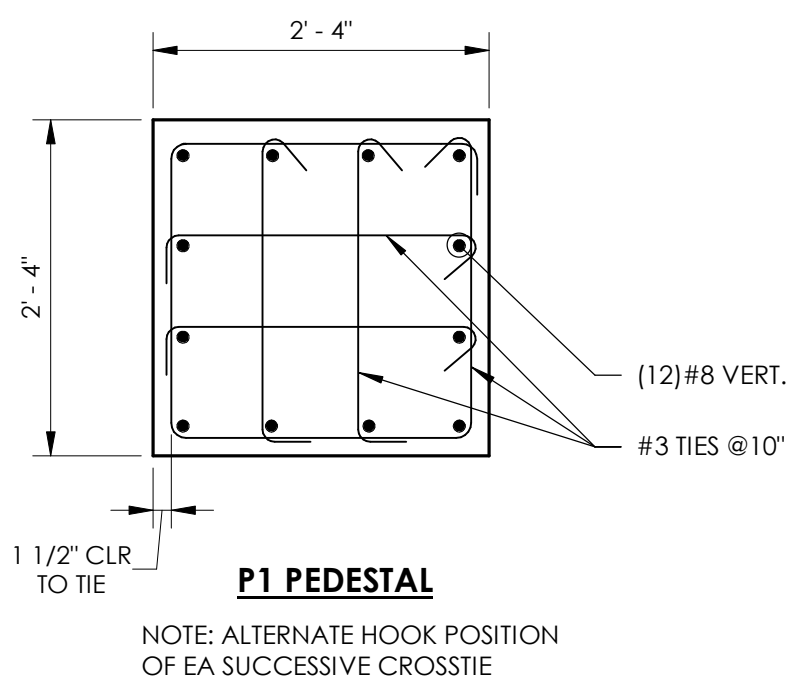
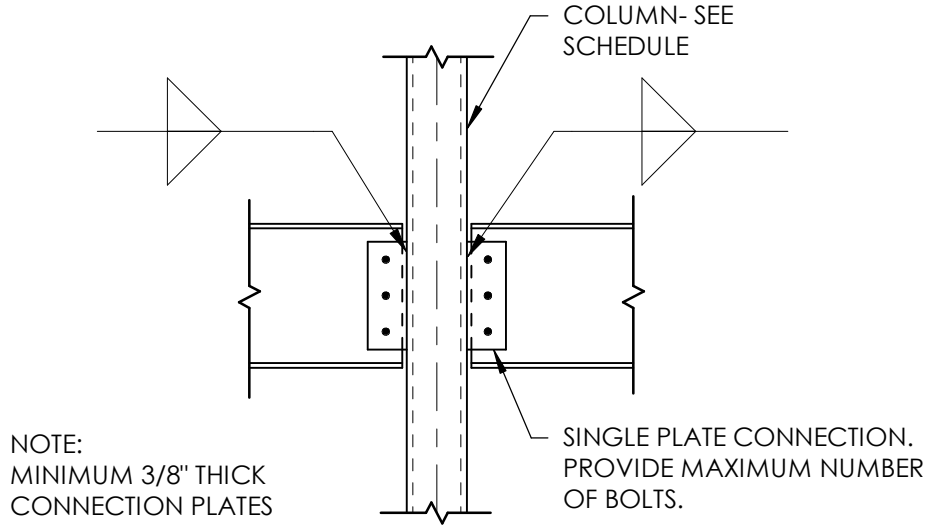
BP3 - MOMENT FRAME COLUMN

TYPICAL BASE PLATE AND ANCHOR BOLT DETAILS

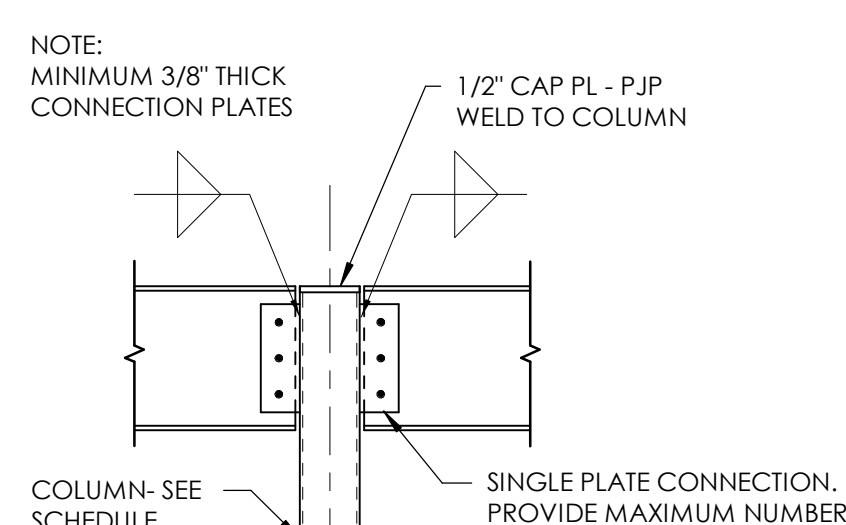
- NOTES:
- EDGE DISTANCES INDICATED ARE FOR ROLLED OR THERMALLY CUT BASE PLATES. VALUES SHALL BE ADJUSTED FOR SHEARED EDGES.
 - PROVIDE MAXIMUM ANCHOR BOLT HOLE DIAMETER AND MINIMUM RECOMMENDED PLATE WASHERS INDICATED IN "ANCHOR BOLT DETAILS" ON THIS SHEET.
 - STEEL TEMPLATES SHALL BE USED FOR SETTING ALL CAST-IN-PLACE ANCHOR BOLTS. **DO NOT WET-SET ANCHOR BOLTS IN CONCRETE.**



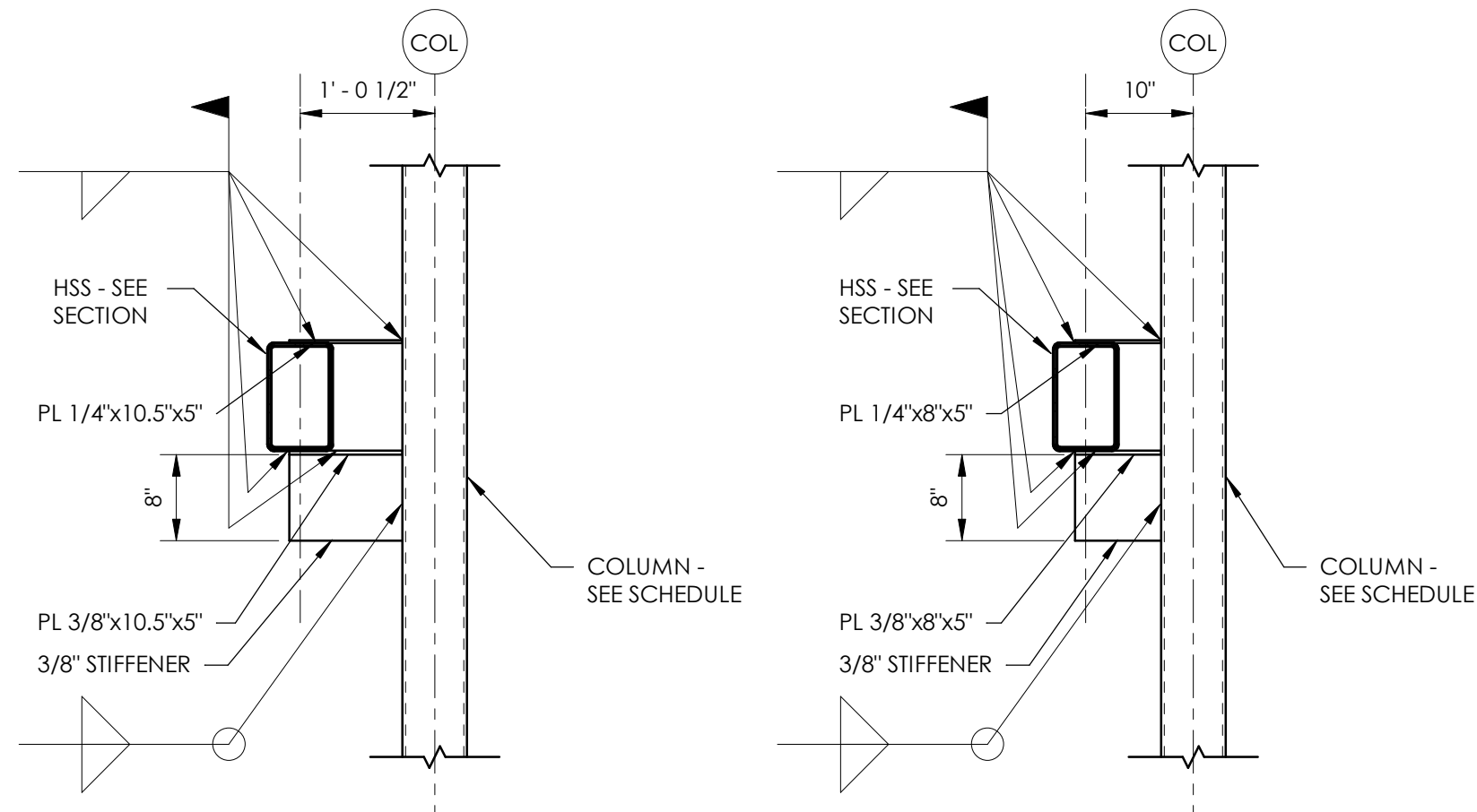
TYPICAL COLUMN BASE PEDESTAL & FOOTING DETAIL



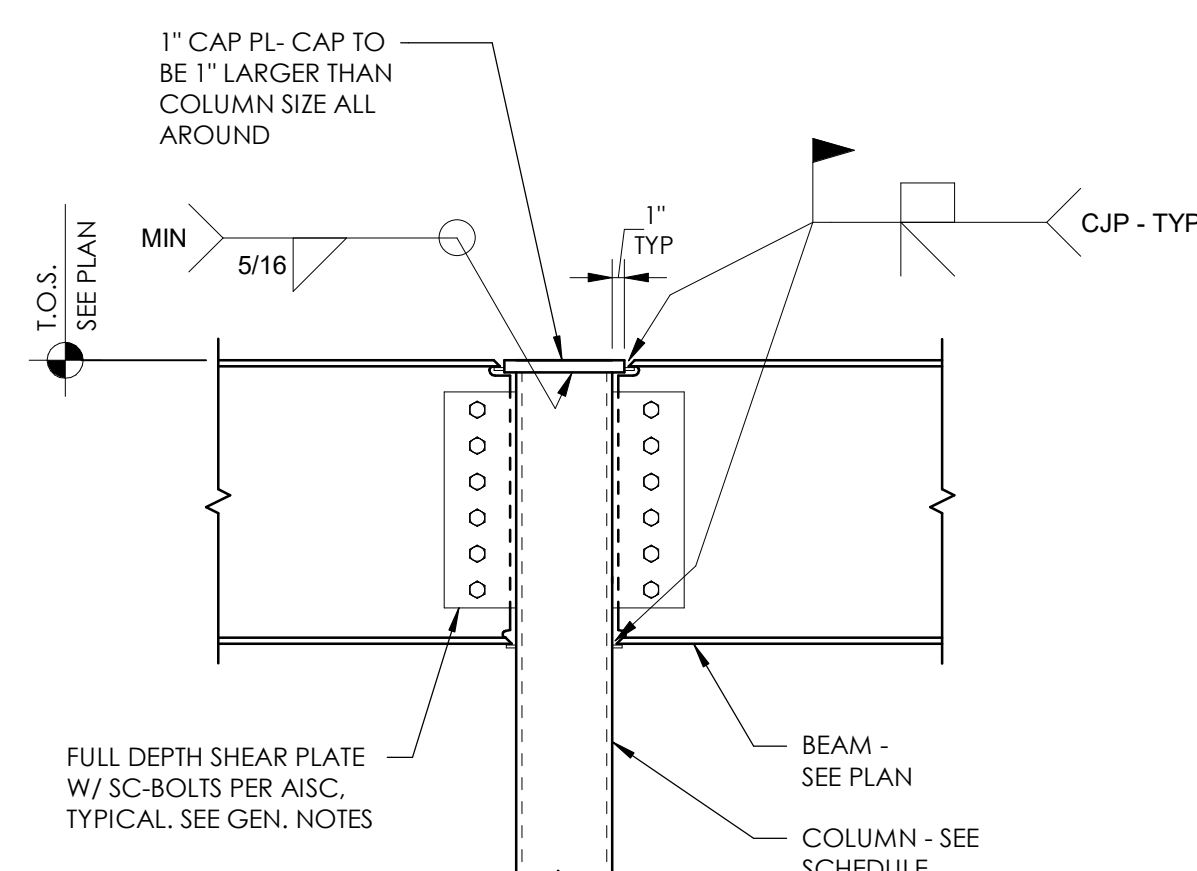
TYPICAL BEAM TO COLUMN CONNECTION



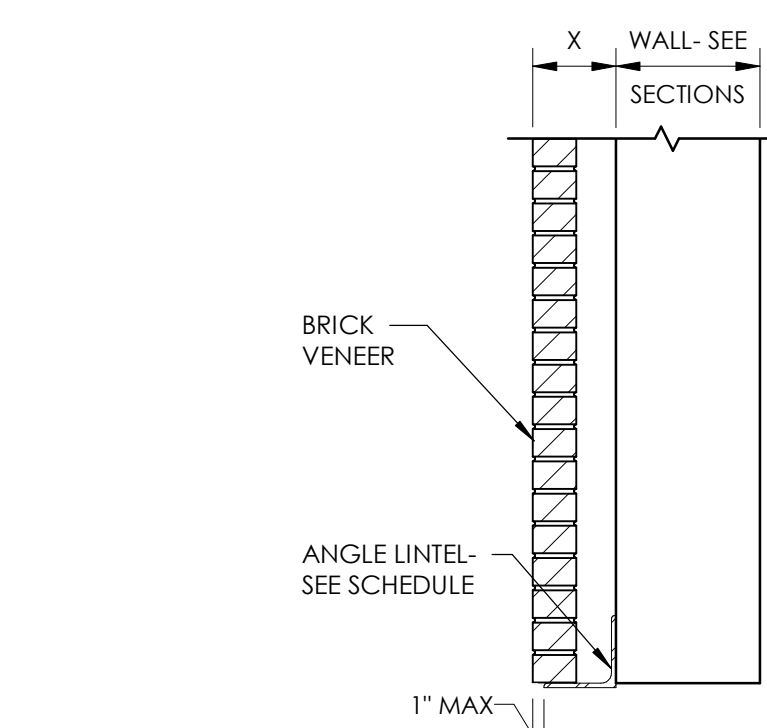
TYPICAL BEAM TO COLUMN CONNECTION



TYPICAL HSS TO COLUMN CONNECTION



TYPICAL MOMENT CONNECTION DETAIL



BRICK LOOSE LINTEL SCHEDULE					
CLEAR SPAN	X = 6"	X = 6 1/2"	X = 7"	X = 7 1/2"	X = 8"
UP TO 6'-0"	L5X3 1/2X3/8 LH	L6X6X3/8	L6X6X3/8	L5X5X3/8	L5X5X3/8
6'-0" TO 8'-0"	L5X5X3/8	L6X6X3/8	L6X6X3/8	L5X5X3/8	L5X5X3/8
8'-0" TO 10'-0"	BENT PL 8X5 1/2X3/8 LLV	BENT PL 8X6X3/8 LLV	BENT PL 8X5X3/8 LLV	BENT PL 8X5X3/8 LLV	BENT PL 8X5X3/8 LLV

- NOTES:
- DO NOT USE THIS SCHEDULE IF A CONCENTRATED LOAD IS APPLIED TO THE LINTEL AT A HEIGHT LESS THAN HALF THE SPAN ABOVE THE LINTEL.
 - PROVIDE 8" MINIMUM BEARING FOR ALL LINTELS.
 - ALL EXPOSED LINTELS SHALL BE GALVANIZED.
 - VERTICAL CONTROL JOINTS IN THE BRICK WITHIN DISTANCE OF CLEAR SPAN/2 FROM THE ROUGH OPENING ARE NOT ALLOWED.

PLATE WASHER AND BASEPLATE HOLE Ø SCHEDULE		
BOLT Ø	HOLE Ø	PLATE WASHER
3/4"	1-5/16"	1/4"x2"x2"
1"	1-7/8"	3/8"x3"x3"
1 1/4"	2-1/8"	1/2"x3-1/2"x3-1/2"
1 1/2"	2-3/8"	1/2"x4"x4"
2"	3-1/4"	3/4"x5"x5"

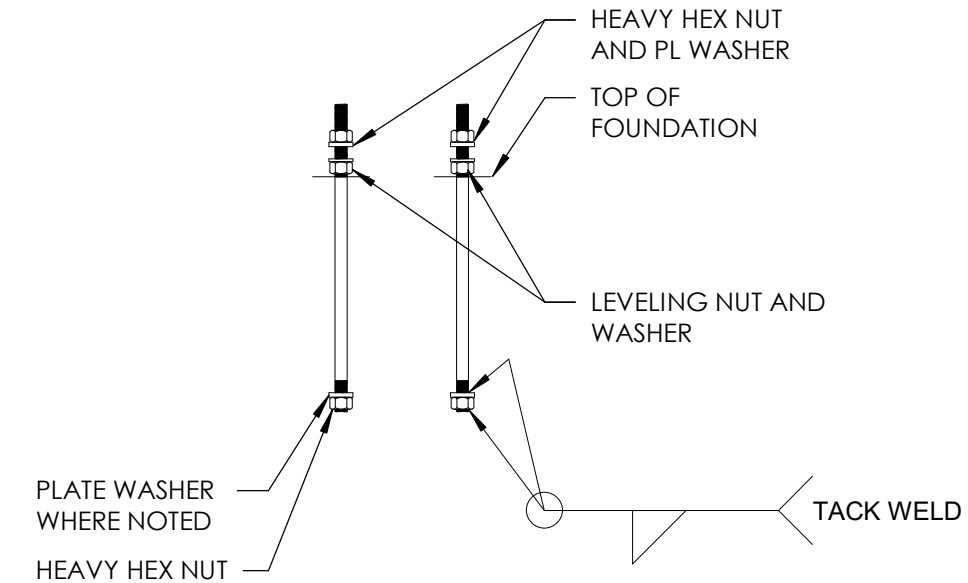
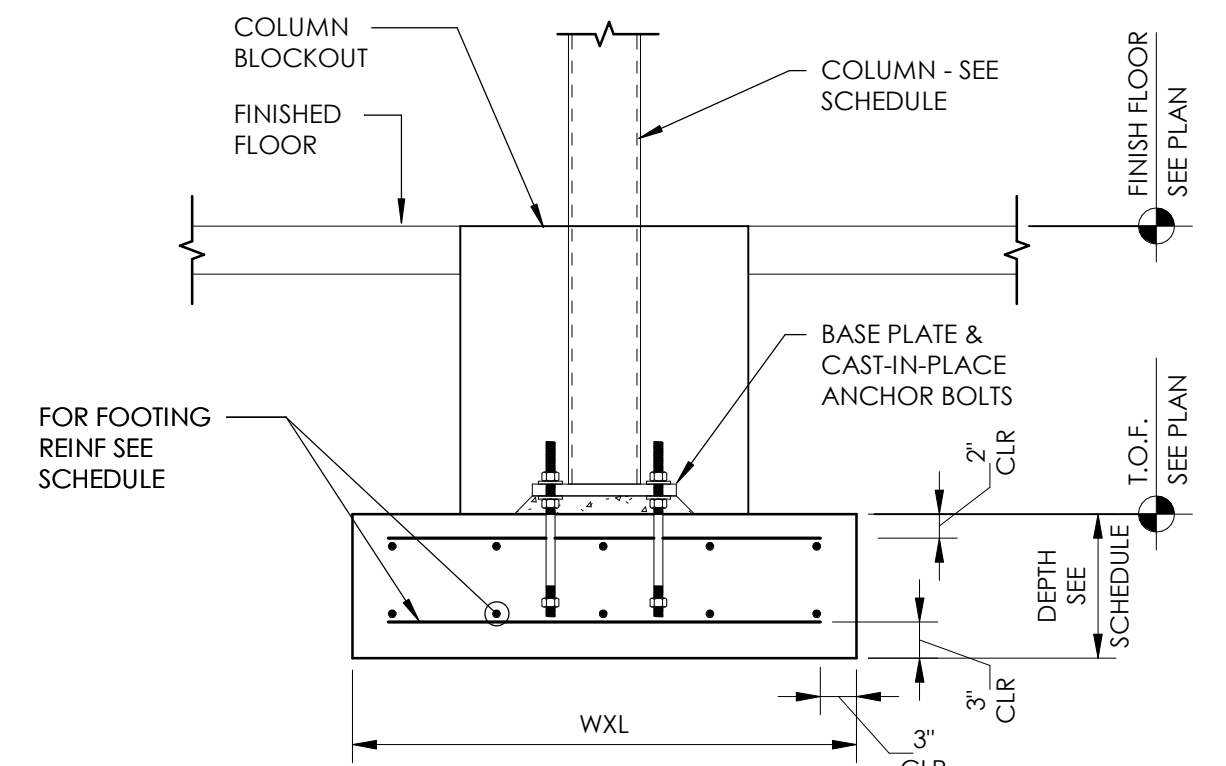
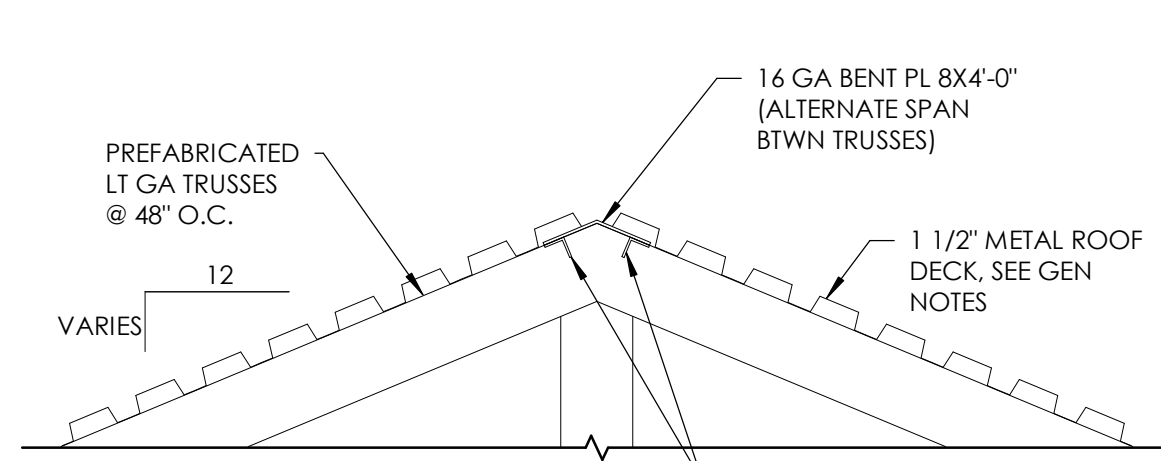


PLATE WASHER SCHEDULE



TYPICAL COLUMN BASE & FOOTING DETAIL



TYPICAL ROOF RIDGE DETAIL

COLUMN SCHEDULE				
COLUMN DESIGNATION		C1	C2	C3
COLUMN	SIZE	HSS6x6x5/16	HSS8x8x1/2	HSS10x10x5/8
	BASE PLATE	BP1	BP2	BP3
	HEADED ANCHOR BOLTS AND EMBEDMENT DEPTH	(4) 3/4"Ø - BP1	(4) 1"Ø - BP2	(4) 1-1/4"Ø - BP3
NOTES		1	1	1

COLUMN SCHEDULE NOTES:
1. SEE "TYPICAL BASE PLATE AND ANCHOR BOLT DETAILS" ON THIS SHEET FOR BASE PLATE SIZE, ANCHOR BOLT EMBEDMENT, ETC.

FOOTING SCHEDULE					
FOOTING DESIGNATION	DEPTH	REINF EW.	LENGTH	WIDTH	NOTES
F4.0	1' - 3"	5#5	4' - 0"	4' - 0"	1
F5.0	1' - 3"	6#5	5' - 0"	5' - 0"	1
F6.0	1' - 6"	7#6	6' - 0"	6' - 0"	1
F7.0	1' - 6"	8#6	7' - 0"	7' - 0"	1
F8.0	1' - 6"	9#6	8' - 0"	8' - 0"	1
FSP1	1' - 6"	7#6 LONG, 12#6 TRANS	6' - 0"	10' - 0"	1

FOOTING SCHEDULE NOTES:
1. PROVIDE TOP AND BOTTOM REINFORCEMENT.

TYPICAL DETAILS

HOUSTON COUNTY DHR

ISSUE DATE

ISSUE FOR BID 08/20/2026

Dothan, Alabama

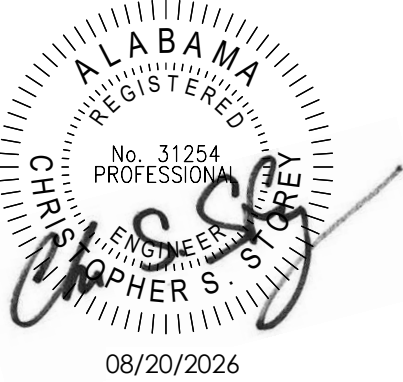
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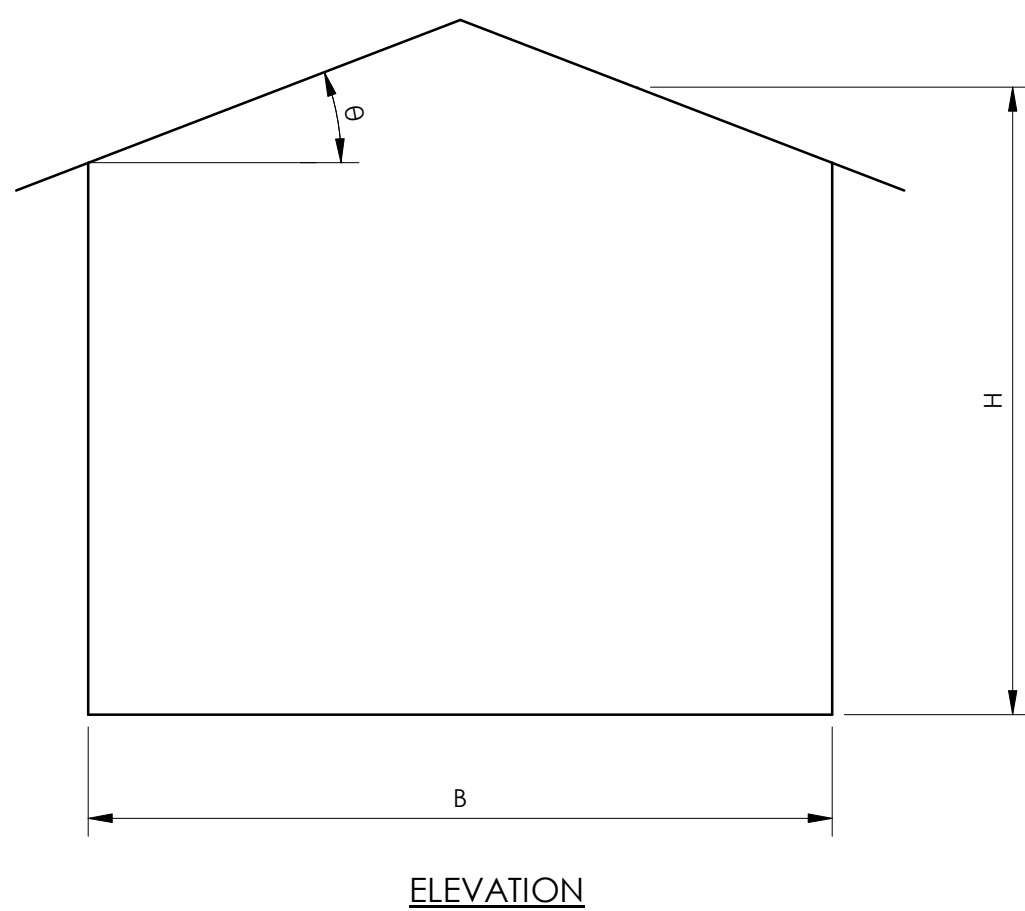
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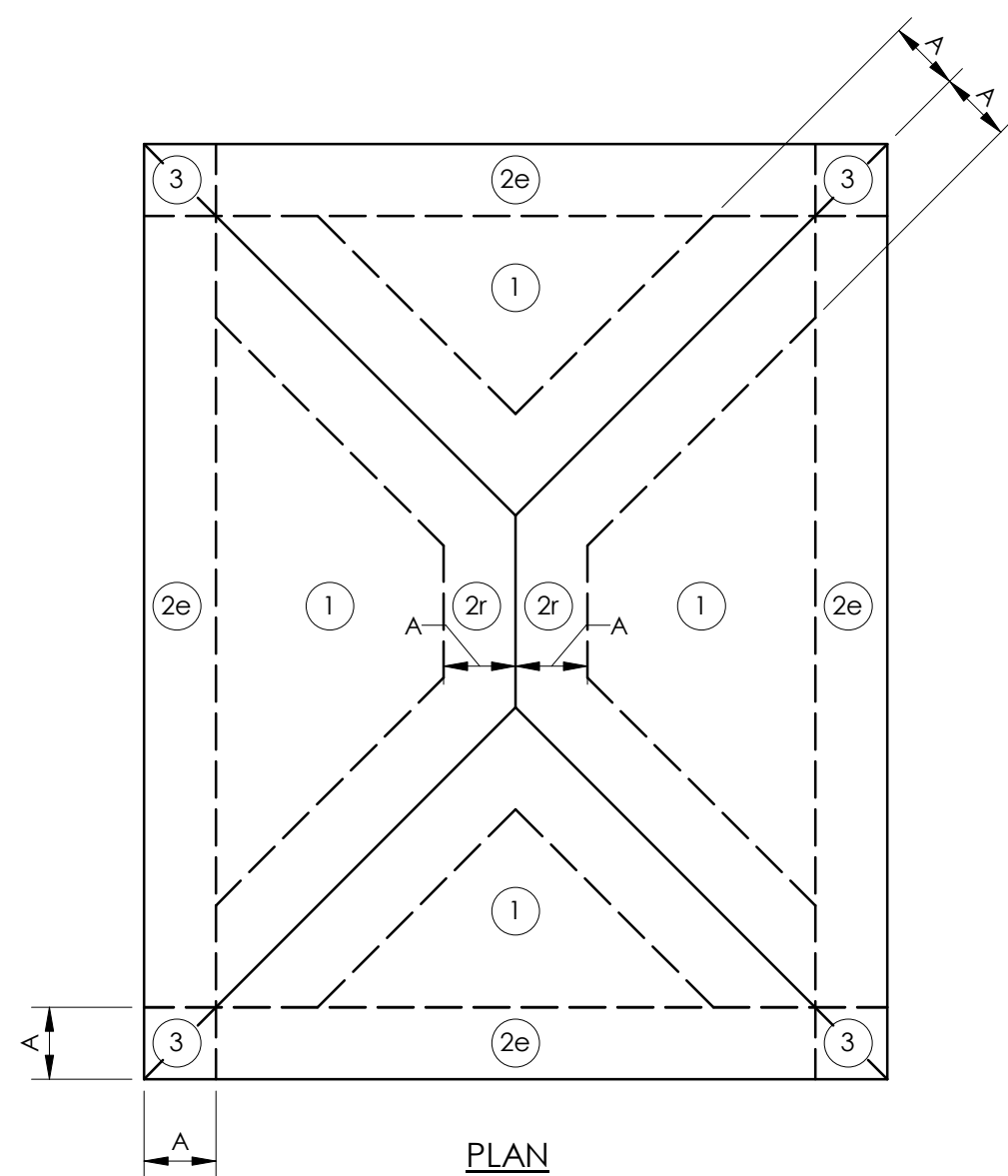


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GMC


$$A = 9 \text{ FT}$$

IMPORTANT: A REDUCTION FACTOR OF 0.6 HAS BEEN INCLUDED IN THE ASD WIND LOAD CALCULATIONS. DO NOT REAPPLY THE FACTOR WHEN CONSIDERING LOAD COMBINATIONS

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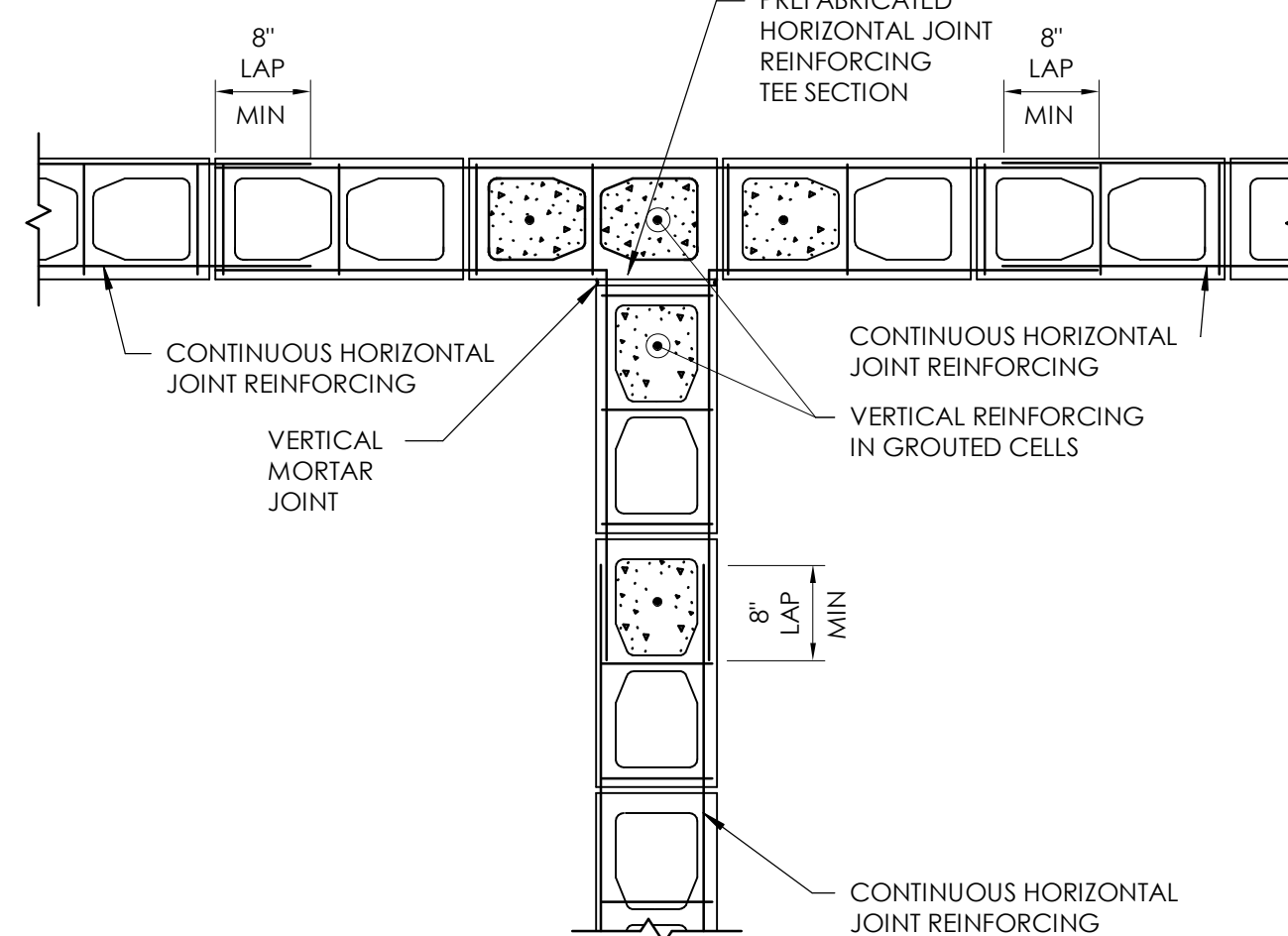
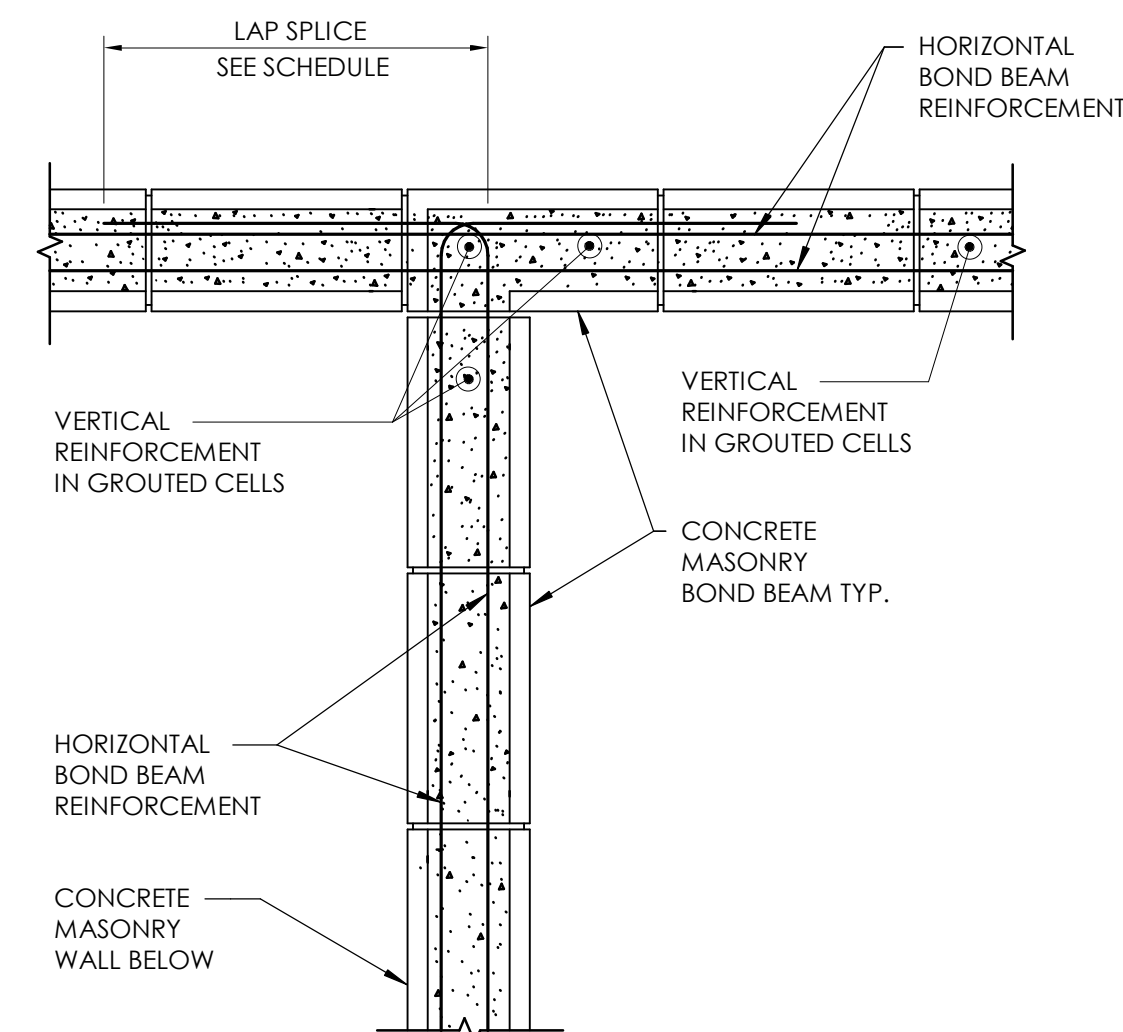


Diagram illustrating the reinforcement details for a vertical masonry wall and horizontal bond beam:

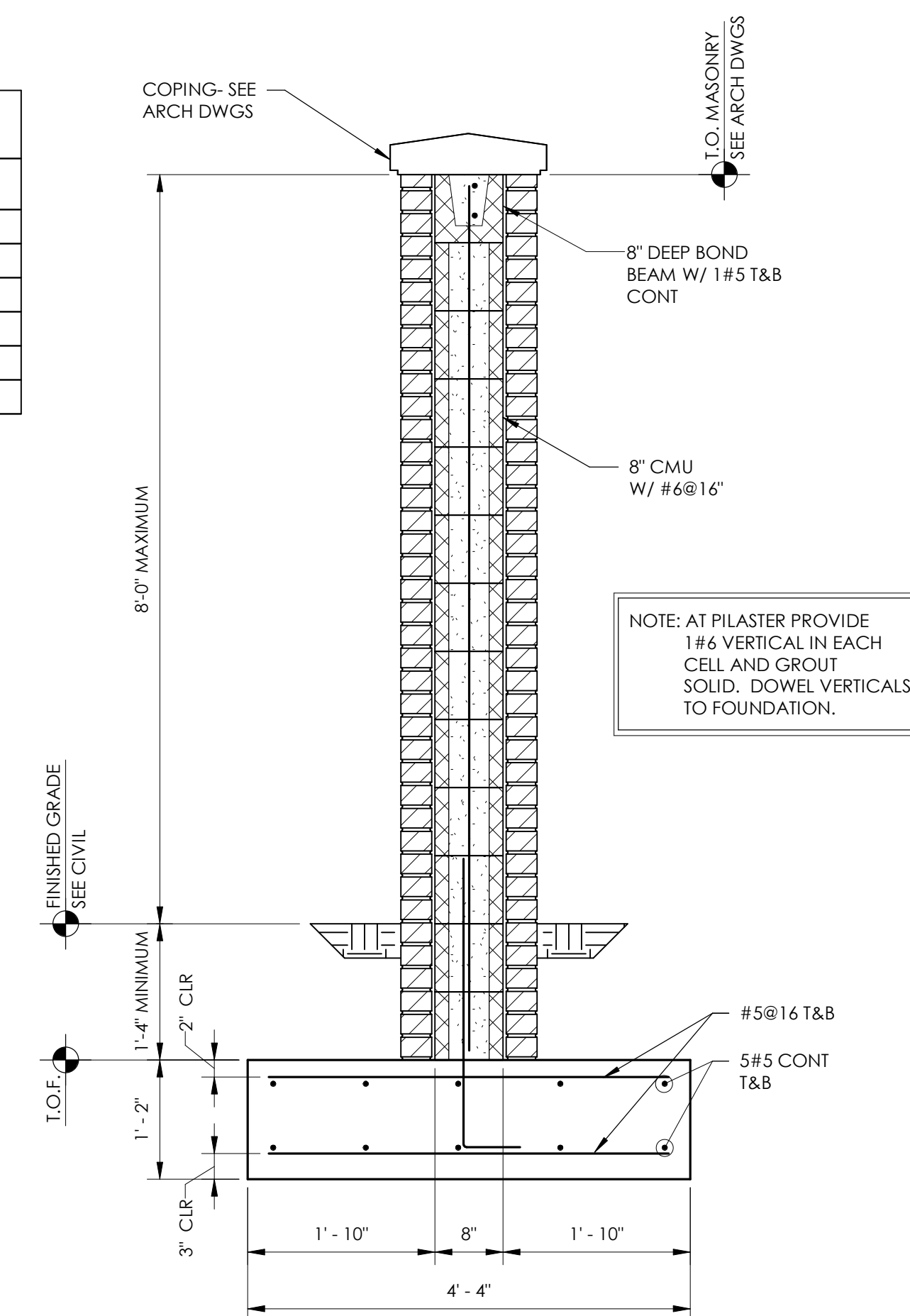
- VERTICAL REINFORCEMENT IN GROUTED CELLS**: Reinforcement bars extending vertically through the wall.
- BENT BARS, SAME SIZE BARS AS HORIZONTAL REINFORCEMENT**: Bars bent at the corner to provide vertical reinforcement.
- HORIZONTAL BOND BEAM REINFORCEMENT**: Reinforcement bars within the horizontal bond beam.
- CONCRETE MASONRY BOND BEAM TYP**: The horizontal bond beam structure.
- CONCRETE MASONRY WALL BELOW**: The vertical masonry wall section.
- VERTICAL REINFORCEMENT IN GROUTED CELLS**: Reinforcement bars extending vertically through the wall.
- LAP SPICE SEE SCHEDULE**: Indicated for the vertical reinforcement bars.



BAR Ø	8" WIDE WALLS		12" WIDE WALLS	
	f'm = 2000psi	f'm = 2500psi	f'm = 2000psi	f'm = 2500psi
#4	15"	12"	12"	12"
#5	24"	18"	15"	12"
#6	44"	34"	28"	21"
#7	61"	47"	38"	29"
#8	91"	71"	57"	44"
#9	115"	89"	72"	56"

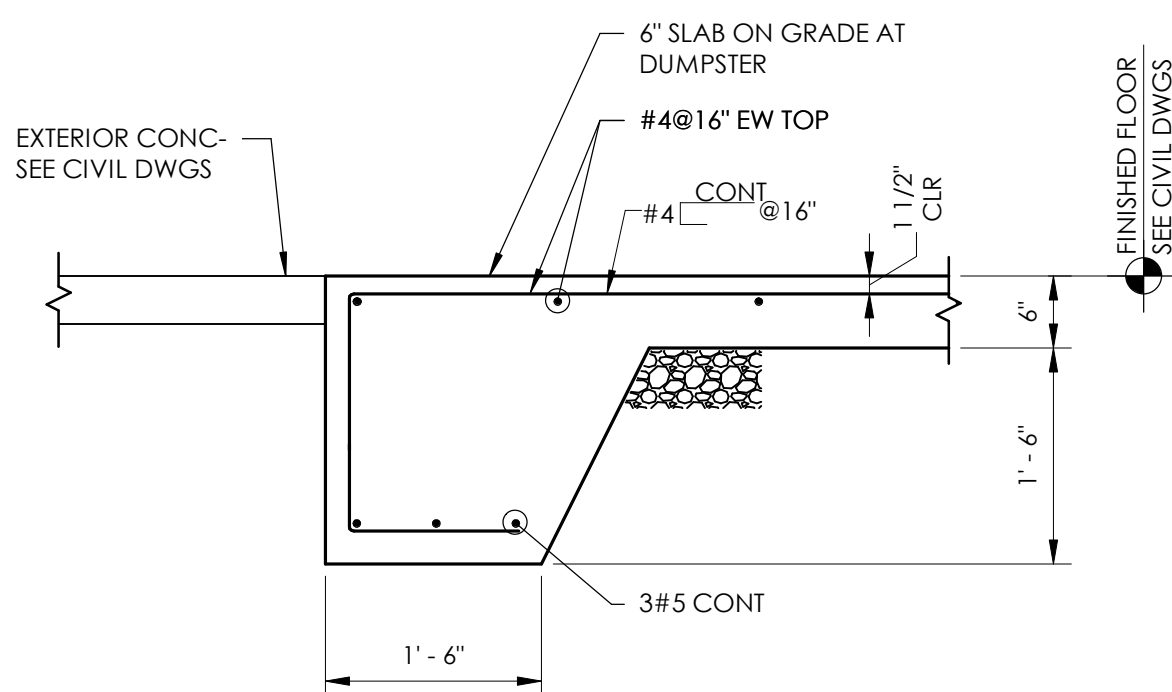
MAXIMUM OPENING WIDTH	LINTEL DIMENSIONS & REINFORCING		
	DEPTH	8" WALL	12" WALL
2'-0"	8	1 #4 BOT	1 #4 BOT
4'-0"	8	1 #4 BOT	2 #4 BOT
6'-0"	8	1 #4 BOT & 1 #4 TOP	2 #5 BOT & 2 #4 TOP
8'-0"	16	1 #4 BOT & 1 #4 TOP	2 #5 BOT & 2 #5 TOP
10'-0"	16	1 #4 BOT & 1 #4 TOP	2 #6 BOT & 2 #5 TOP

1. DO NOT USE THIS SCHEDULE IF CONCENTRATED LOAD IS APPLIED TO THE LINTEL AT A HEIGHT LESS THAN HALF THE SPAN ABOVE THE LINTEL, IF STACK BOND IS SPECIFIED, OR IF THERE ARE CONTROL JOINTS OR WALL CORNERS WITHIN CLEAR SPAN/2 OF EITHER SIDE.
2. PROVIDE 8" MINIMUM BEARING FOR ALL LINTELS

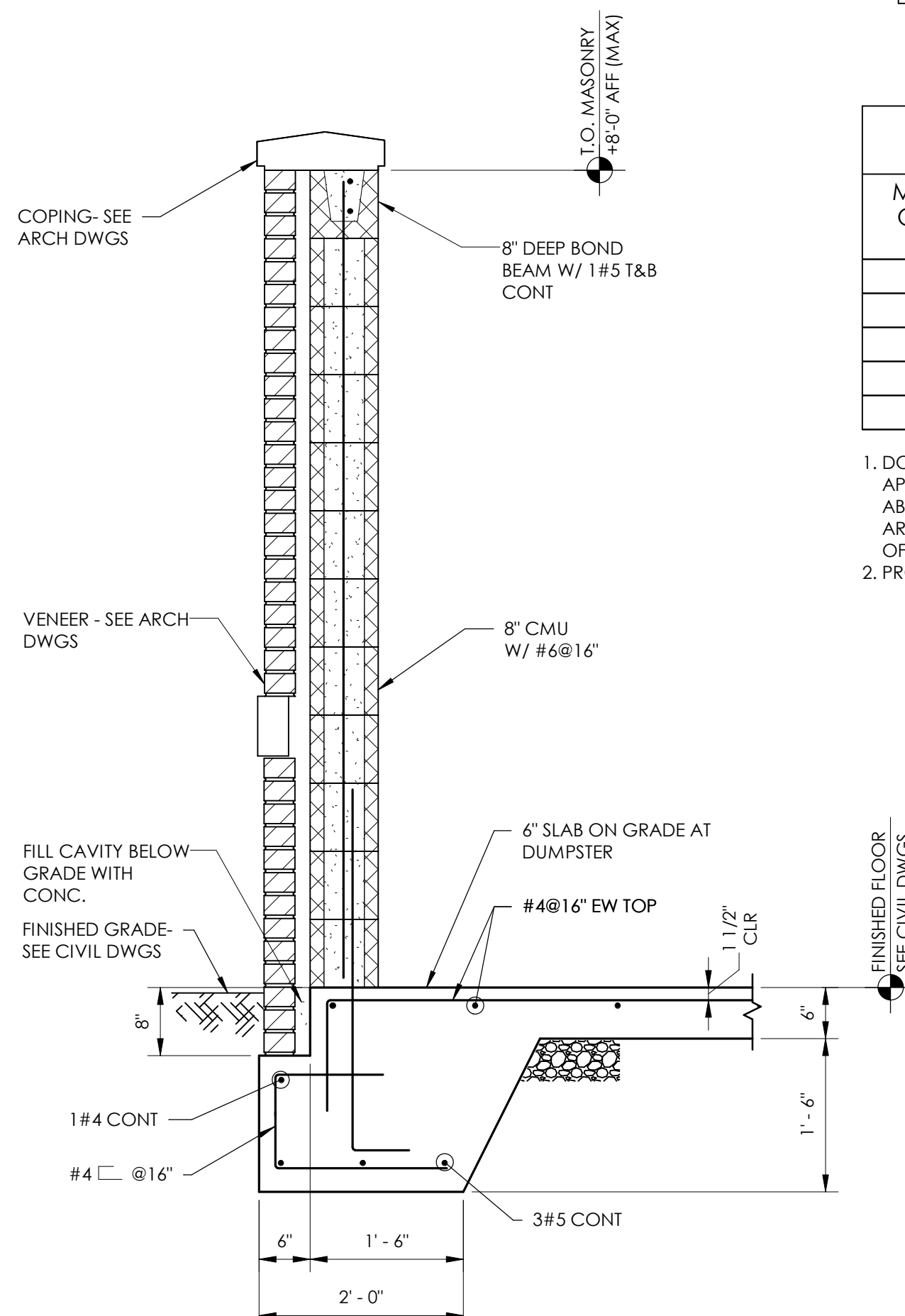


SCALE: 1/2"=1'-0"

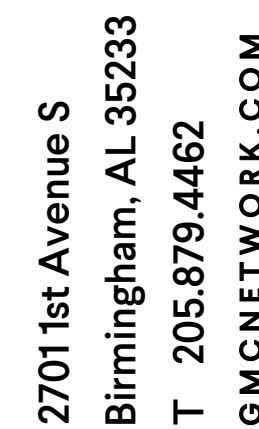
1. SEE CIVIL DRAWINGS FOR ELEVATION OF SLAB ON GRADE.
2. SEE CIVIL AND ARCHITECTURAL DRAWINGS FOR LOCATION AND PLAN ORIENTATION ON SITE.
3. SEE SECTIONS FOR TOP OF MASONRY ABOVE SLAB ON GRADE.
4. PROVIDE 6" SLAB ON GRADE AT DUMPSTER ENCLOSURE WITH #4@16" EACH WAY. PLACE REINFORCING IN TOP THIRD OF SLAB.



1 SECTION
S1.05 3/4" = 1'-0"



2 SECTION
S1.05 $\frac{3}{4}'' = 1'-0''$

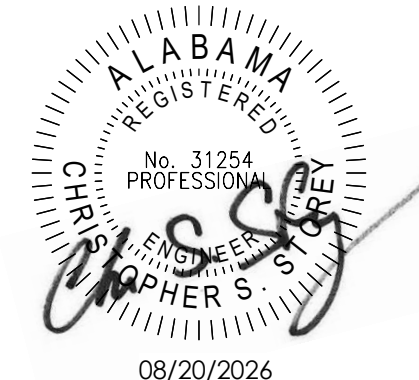


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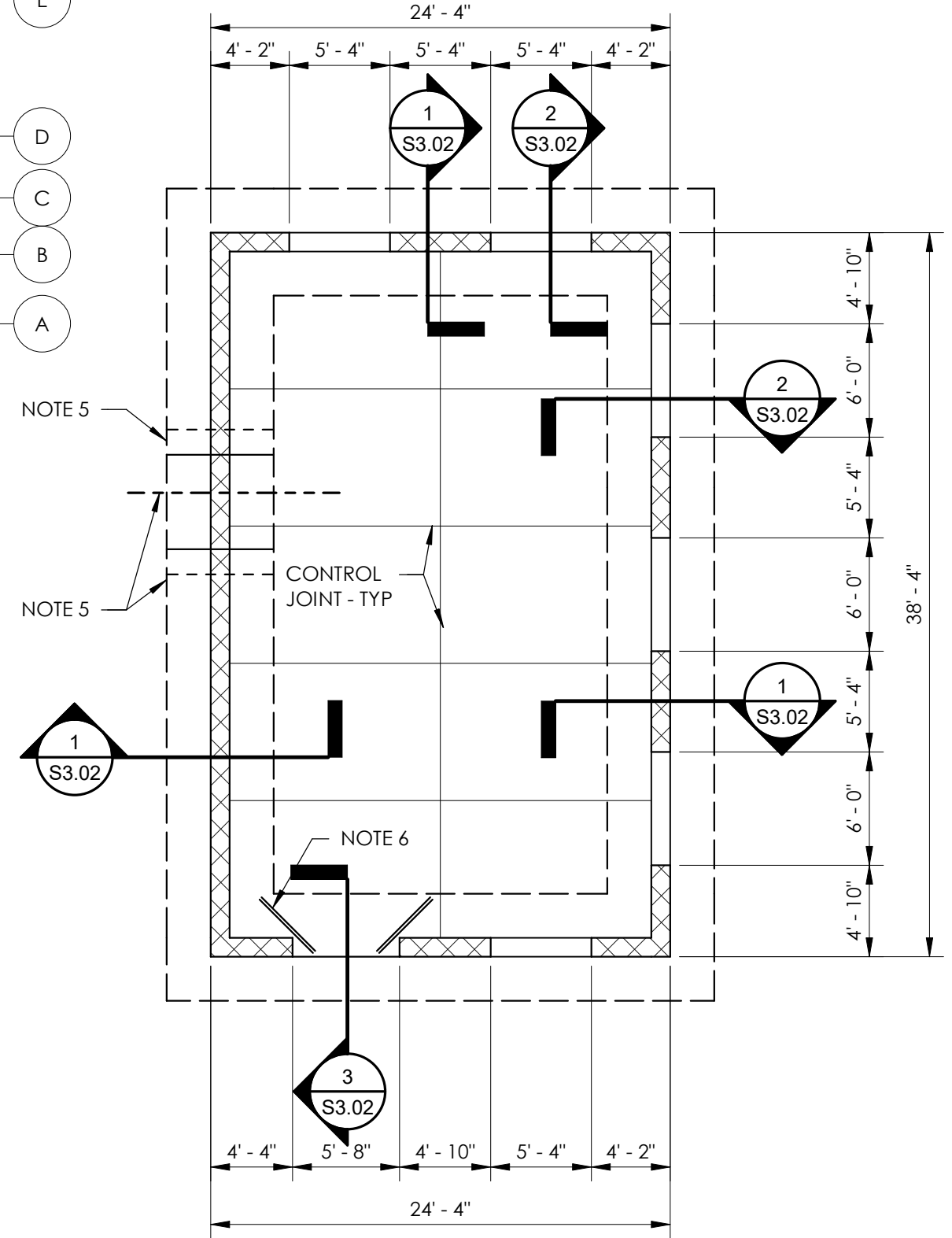
Dothan, Alabama

GMC # ABHM250019



TYPICAL DETAILS

\$1.05



PROJECT
NORTH



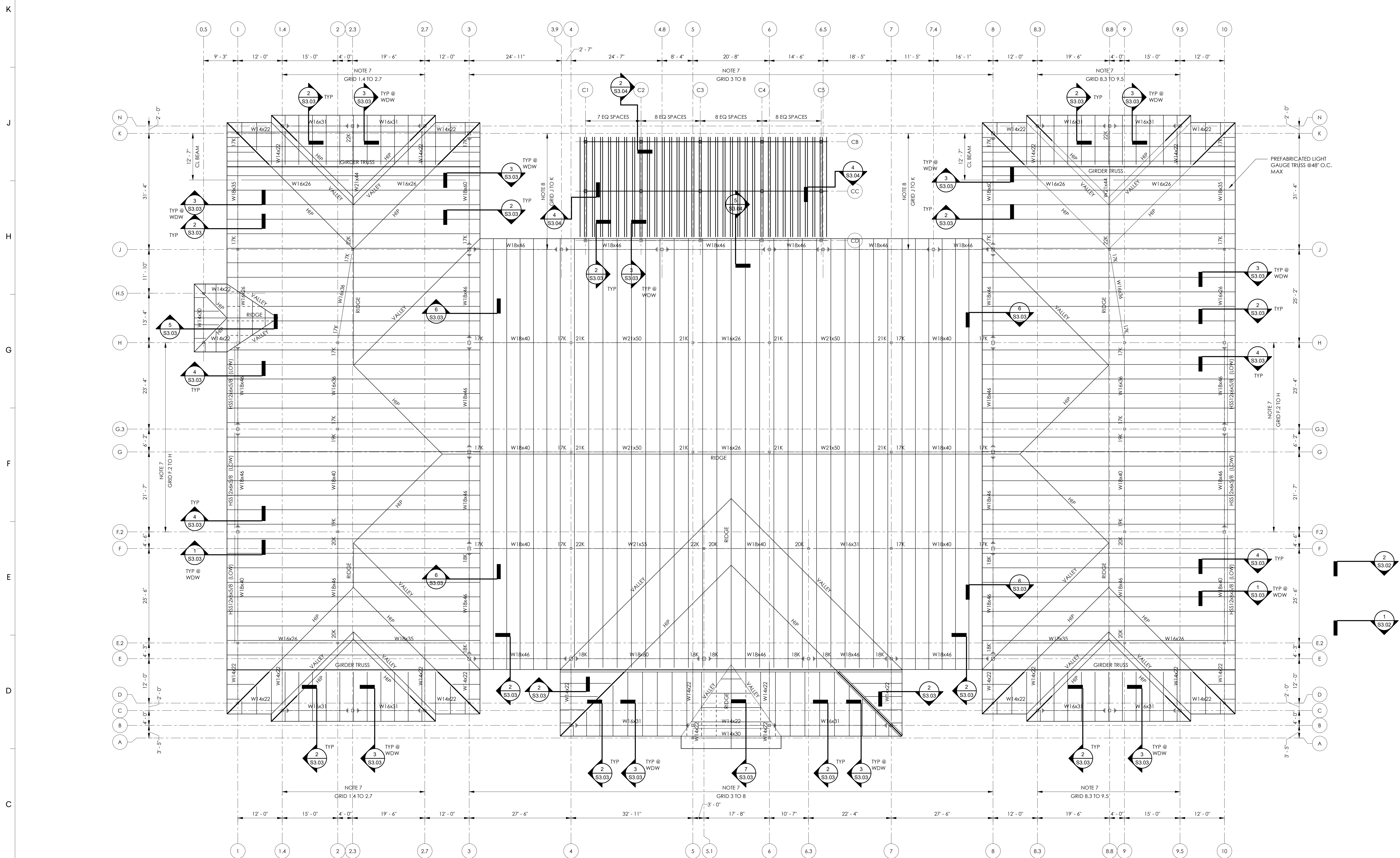
1. FINISH FLOOR (TOP OF SLAB) ELEVATION 0'-0". UNLESS NOTED.
2. TOP OF FOOTING ELEVATION 2'-0" BELOW FINISH FLOOR. UNLESS NOTED.
3. "F" DENOTES COLUMN. UNLESS NOTED, SEE SCHEDULE ON SHEET S-04.
4. "FS" ON GRADE, UNLESS NOTED. SEE GENERAL NOTES AND TYPICAL DETAILS.
5. "P" DENOTES COLUMN. UNLESS NOTED, SEE SCHEDULE ON SHEET S-04.
6. "FP" DENOTES COLUMN FOOTING AND "PI" DENOTES PIEDestal. SEE FOOTING SCHEDULE AND TYPICAL DETAILS ON SHEET S-04.
7. PROVIDE GENERAL CONTRACTOR COORDINATE LOCATION OF ALL FOOTING STEPS WITH CIVIL, UTILITY AND PLUMBING DRAWINGS.
8. GENERAL CONTRACTOR COORDINATE FLOOR DEPRESSION DEPTH, SIZE AND LOCATION WITH ARCHITECTURAL DRAWINGS.
9. PROVIDE GENERAL CONTRACTOR COORDINATE LOCATION OF FILE JOINTS WITH CONTROL JOINTS.
10. PROVIDE SLAB CONTROL JOINTS AT 12'-0" MAX SPACING IN EACH DIRECTION.
11. HATCHED AREA INDICATES THICKENED SLAB FOR HIGH DENSITY FILING SYSTEM.
12. PROVIDE EXTERIOR WALL REINFORCEMENT AS SHOWN IN ARCHITECTURAL SECTIONS FOR RETENTION OR BRACING.
13. PROVIDE 2#4x4' OF LONG REINFORCEMENT IN TOP OF SLAB, PROVIDE 2" CLR FROM TOP OF SLAB.

PROJECT
NORTH

A circular north arrow with a vertical line through the center. The top half of the vertical line is inside the circle, and the bottom half extends outside. The word "PROJECT" is above the circle, and "NORTH" is below it.

Scale: 1/8" = 1'-0"

1. FINISH FLOOR (TOP OF SLAB) ELEVATION 0'-0". COORDINATE ACTUAL ELEVATION LEVEL WITH CIVIL DRAWINGS.
2. TOP OF FOOTING ELEVATION -2'-0" BELOW FINISH FLOOR, UNLESS NOTED.
3. SEE CIVIL, ARCHITECTURAL, AND MECHANICAL DRAWINGS FOR LOCATION AND PLANE ORIENTATION ON SITE.
4. 12" SLAB ON GRADE REINFORCED WITH #5@18" EACH WAY, TOP AND BOTTOM. SEE PLAN FOR SLAB CONTROL JOINT (12'-0" MAXIMUM SPACING). SEE GENERAL NOTES AND TYPICAL DETAILS.
5. STEP FOOTING BELOW PIPING AND CONDUIT. GENERAL CONTRACTOR COORDINATE LOCATION OF ALL FOOTING STEPS WITH CIVIL, UTILITY AND MECHANICAL DRAWINGS.
6. PROVIDE 2'-6x4'-0" LONG AT CORNER OF DOOR OPENING. PLACE IN TOP THIRD OF SLAB DEPTH.



ROOF FRAMING PLAN

SCALE: 3/32" = 1'-0"

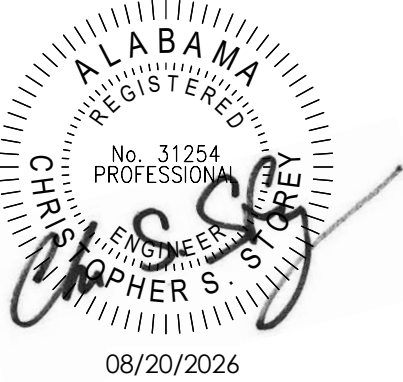
1. TRUSS BEARING (TOP OF STEEL BEAMS) ELEVATION +14'-0" AFF. UNLESS NOTED.
2. ROOF SYSTEM: 1 1/2" STEEL DECK ON LGT GA METAL TRUSSES AT 4'-0" OC. BEARING ON STEEL BEAMS, UNLESS NOTED. SEE GENERAL NOTES FOR ROOF DECK ATTACHMENT PATTERN.
3. *INDICATES MOMENT CONNECTION. SEE TYPICAL DETAIL ON SHEET S1.04.
4. BEAM END CONNECTIONS AND BEAM TO BEAM CONNECTIONS: THE MAGNITUDE OF THE ALLOWABLE LOAD (ASD) SHEAR REACTION IN KIPS, WHERE BEAM REACTION IS NOT SHOWN ON PLAN, DESIGN CONNECTION FOR SHEAR REACTION OF 15 KIPS.
5. ROOF TO ROOF BEAM REACTION: THE MAGNITUDE OF THE REACTION TO EACH TRUSS SUPPORT USING #20 TEK SCREWS. SEE TYPICAL DETAIL FOR RIGID BEAM PILE REQUIREMENTS.
6. TRUSS LAYOUT SHOWN FOR GENERAL INTENT. EXACT LAYOUT OF LIGHT GAUGE STEEL TRUSSES TO BE DETERMINED BY THE PROCESS DESIGNER/MANUFACTURER AND SUBMITTED TO THE STRUCTURAL ENGINEER FOR APPROVAL.
7. TRUSS MANUF TO DESIGN BIDDING BETWEEN TRUSSES TO TRANSFER A LATERAL WIND LOAD OF 150 PLF FROM ROOF DIAPHRAGM TO STEEL BEAM WHERE NOTED ON PLAN.
8. TRUSS MANUF TO DESIGN BIDDING BETWEEN TRUSSES TO TRANSFER A LATERAL WIND LOAD OF 230 PLF FROM ROOF DIAPHRAGM TO STEEL BEAM WHERE NOTED ON PLAN.



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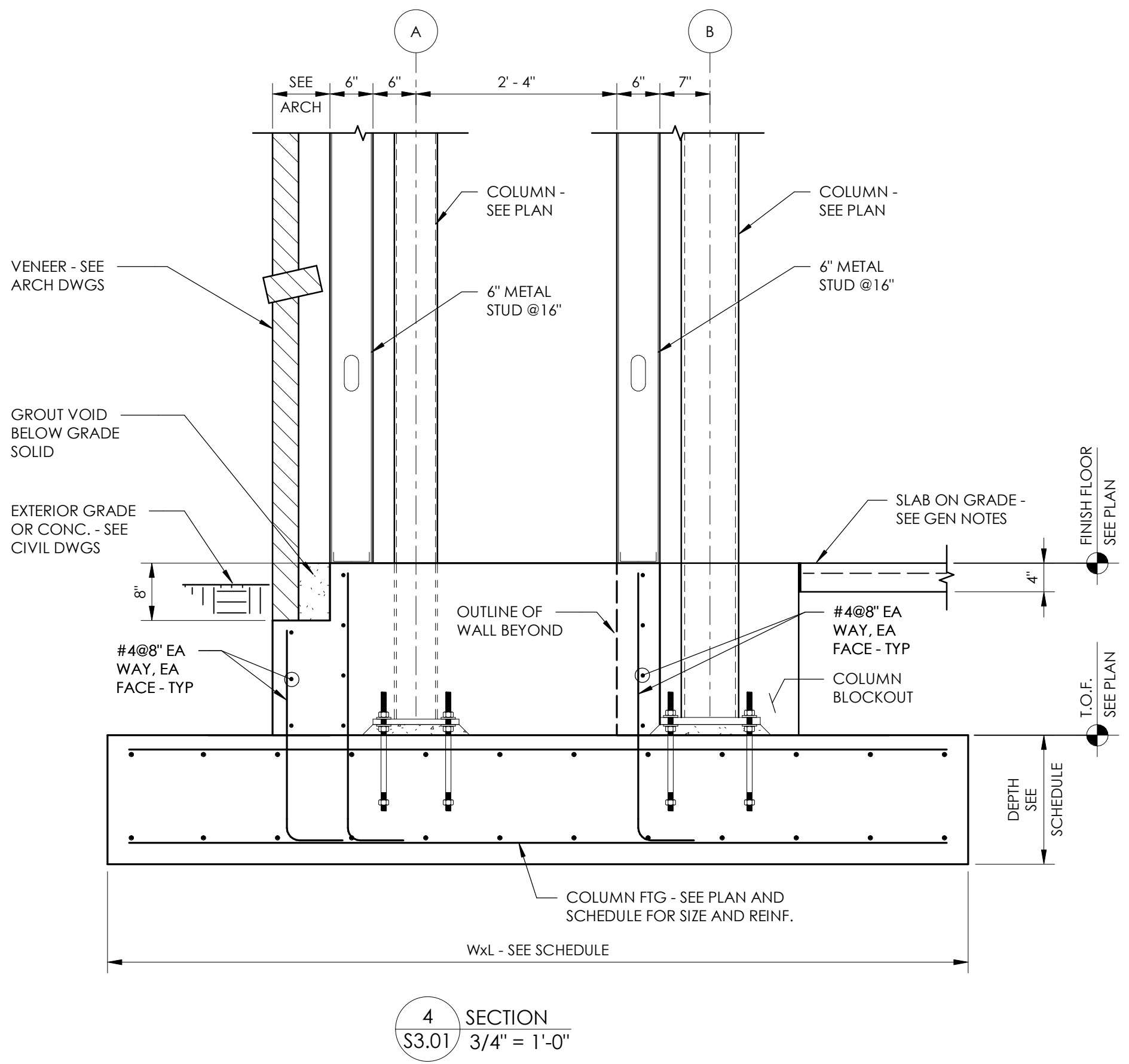
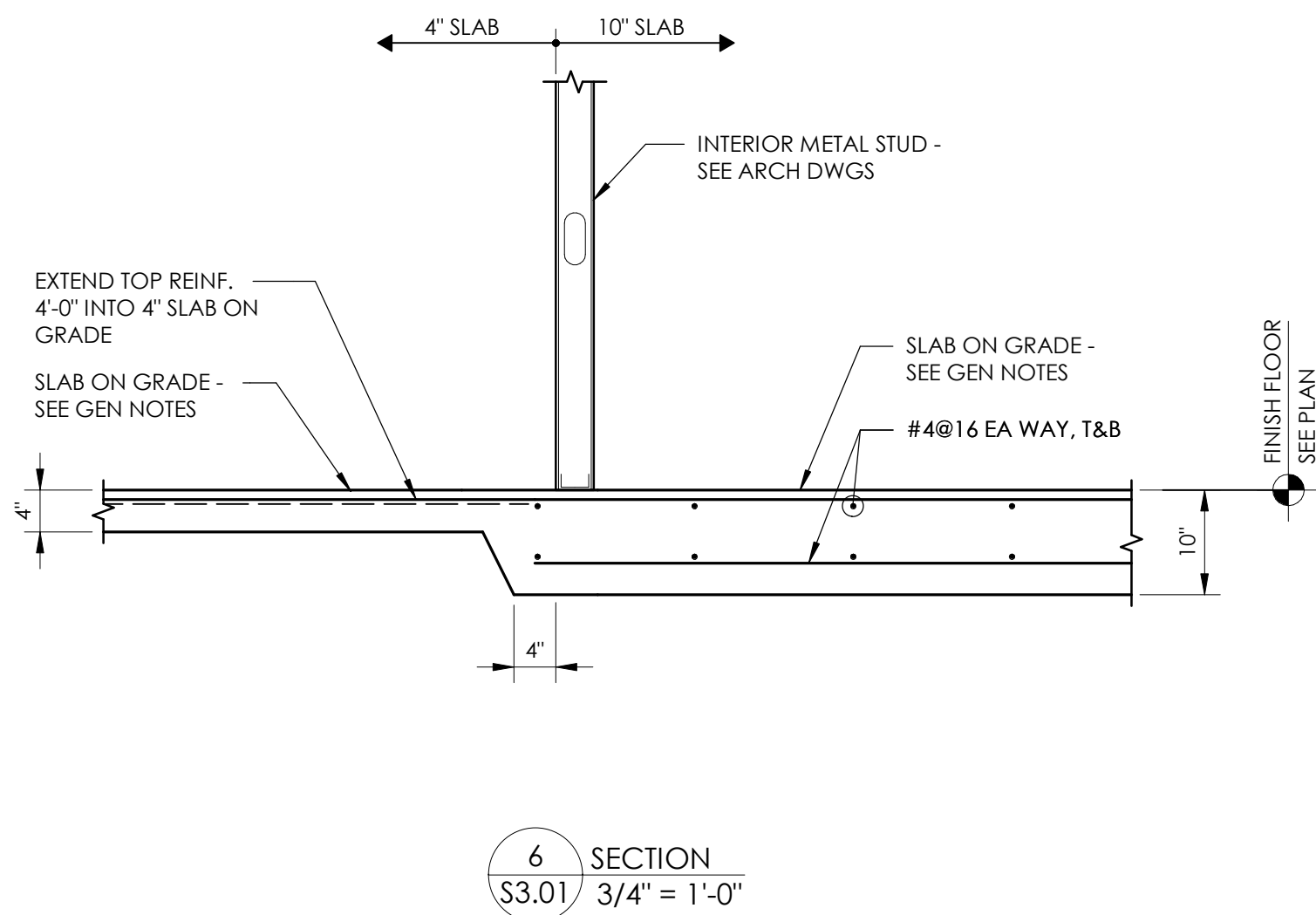
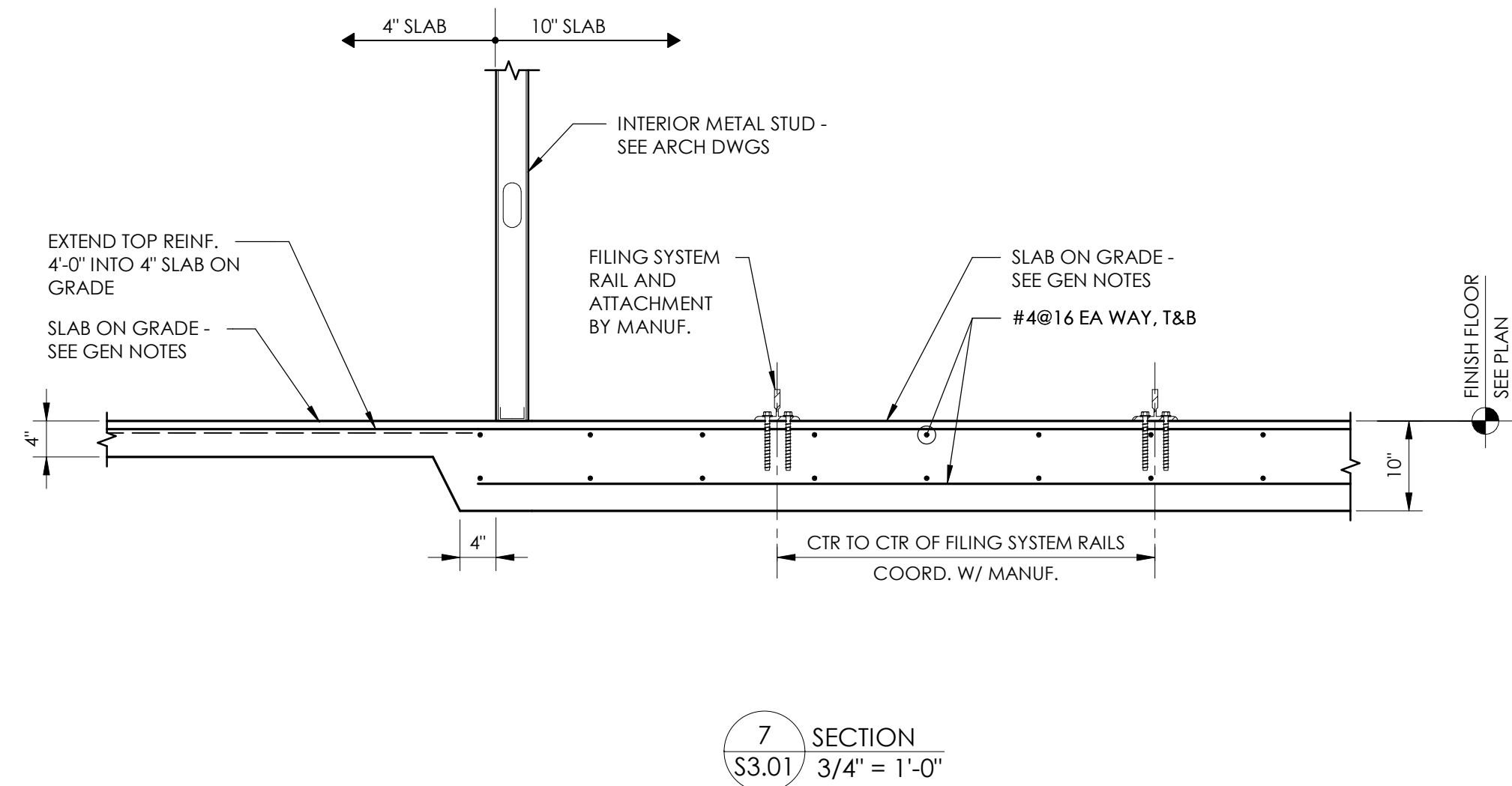
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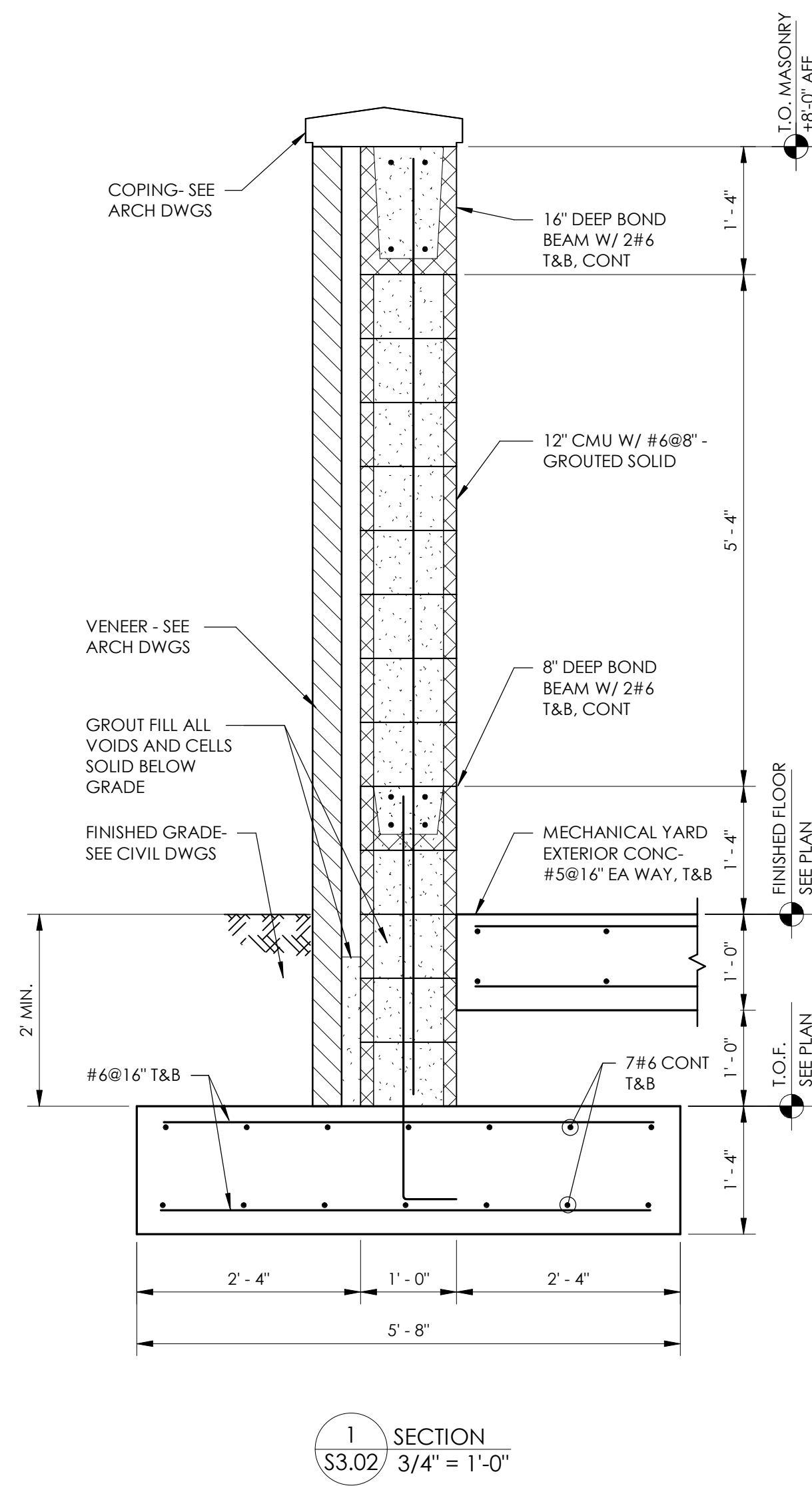
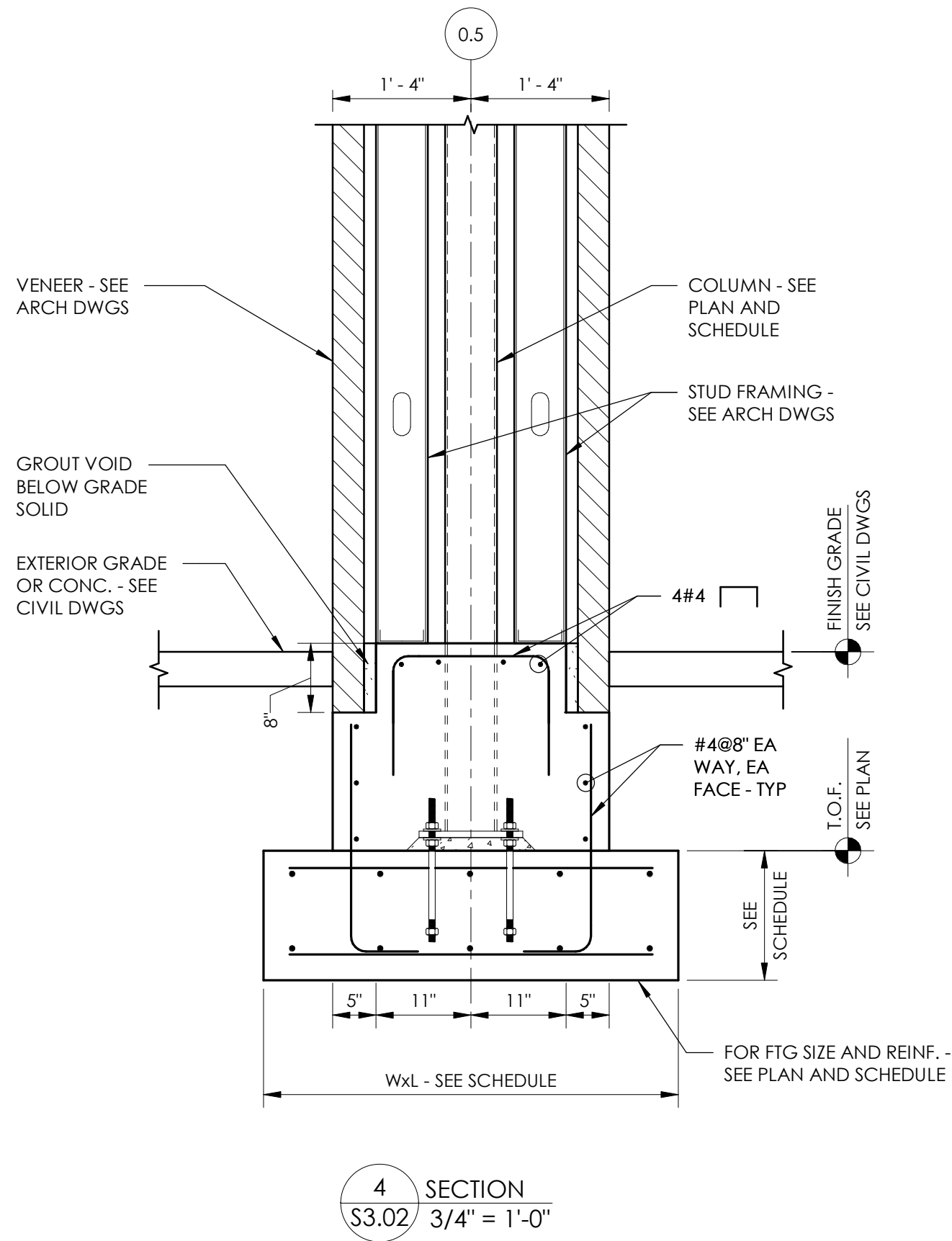
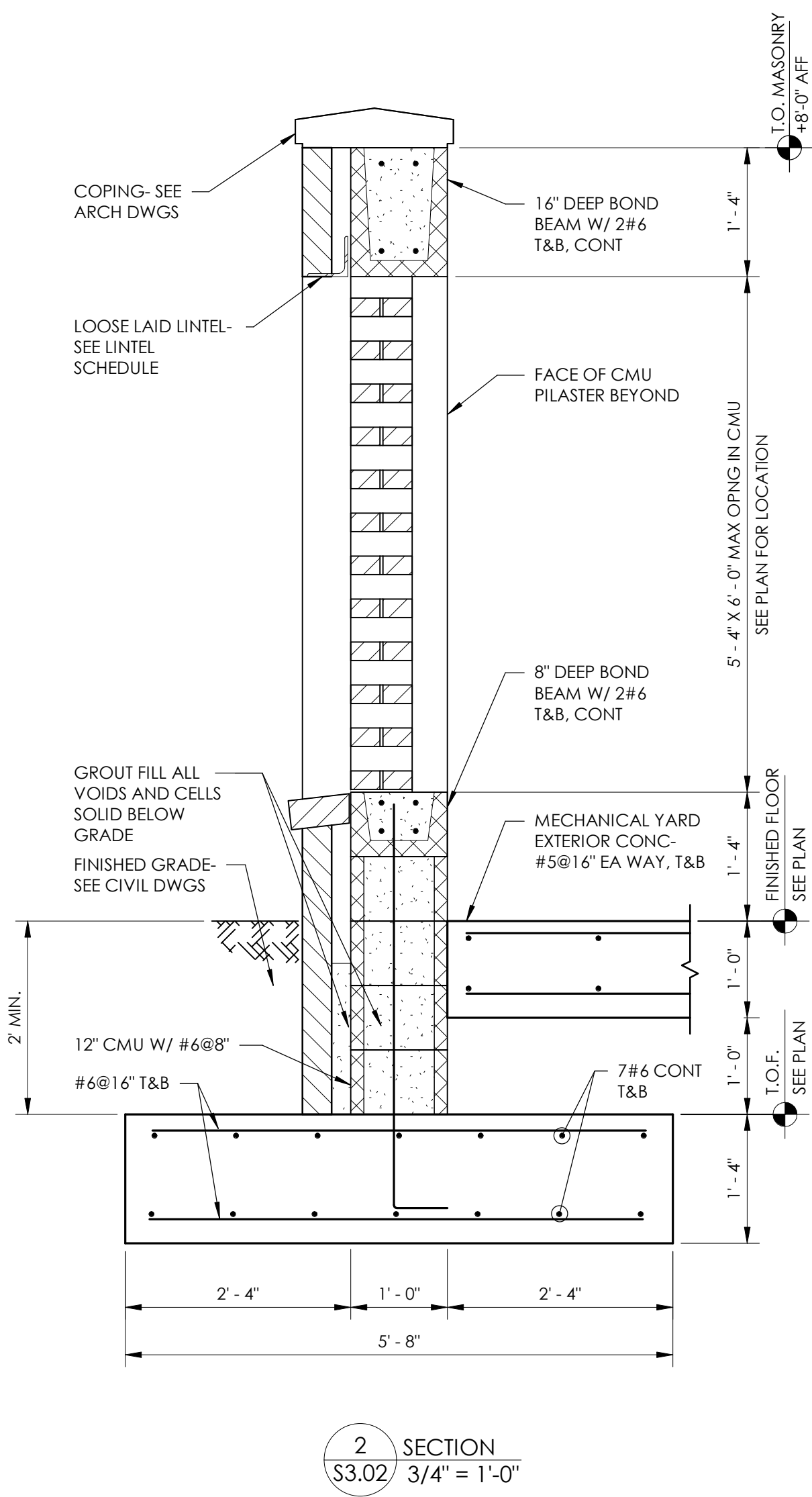
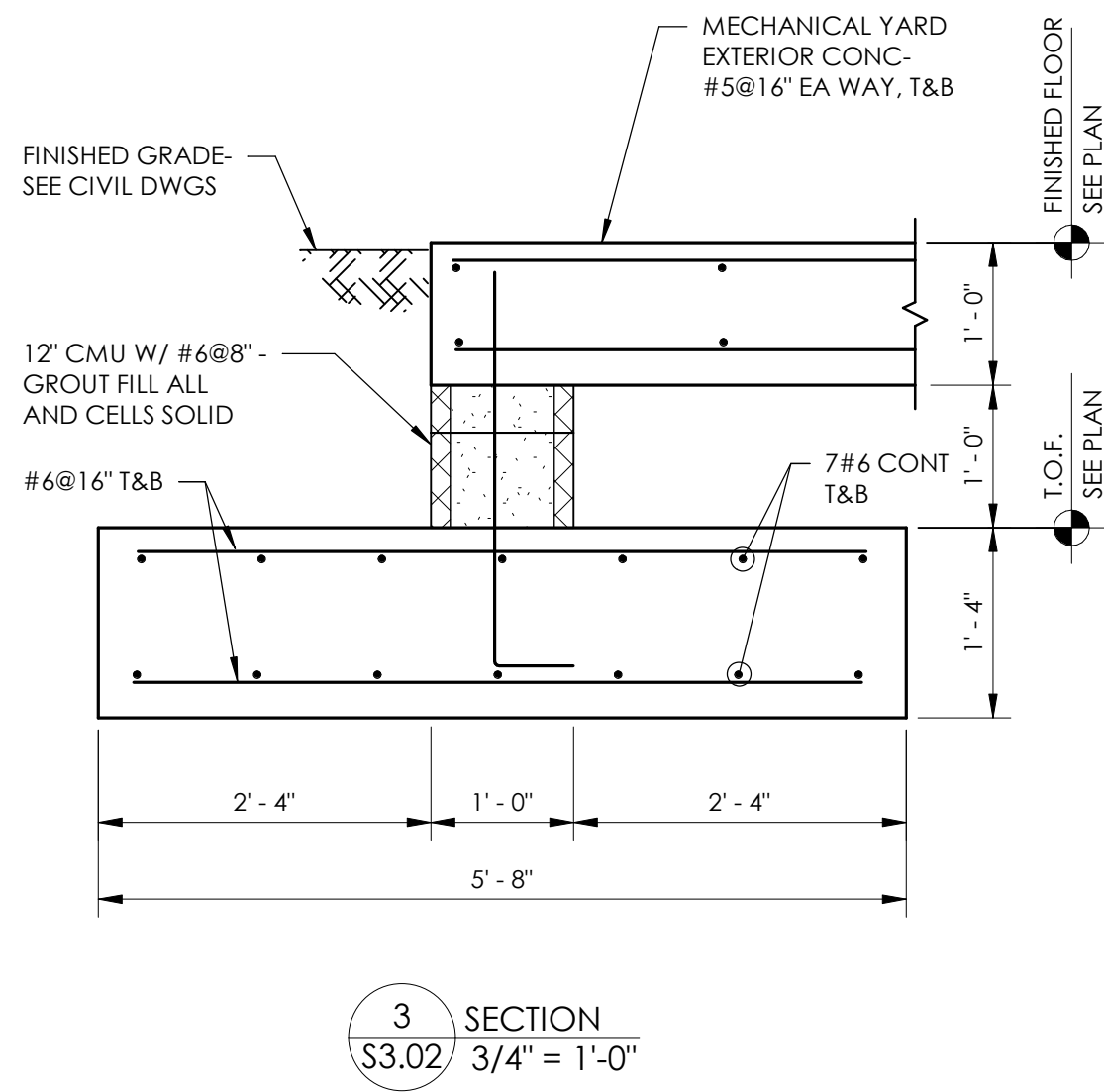
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SECTIONS

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Dothan, Alabama

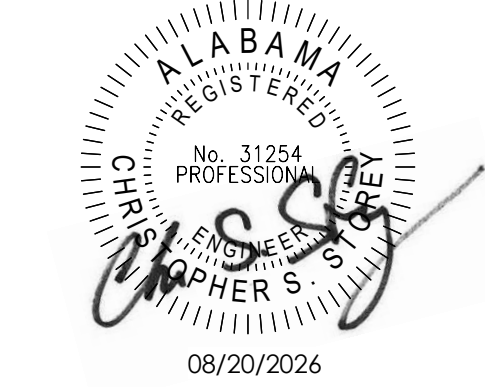
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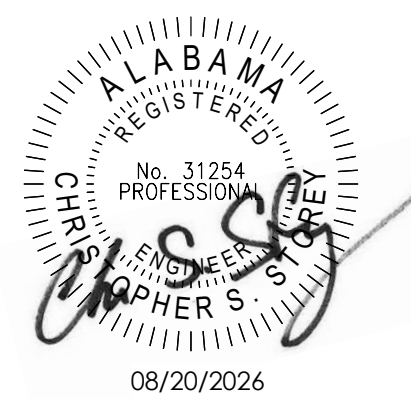
GMC

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GMC # ABHM250019

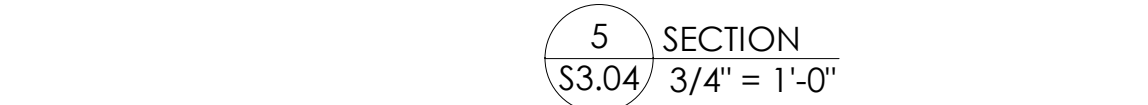
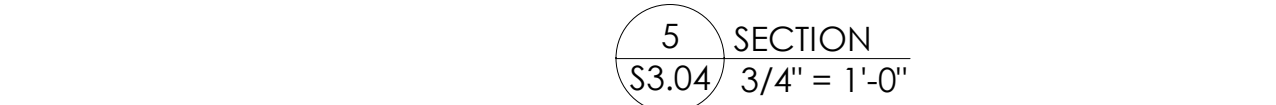


SECTIONS

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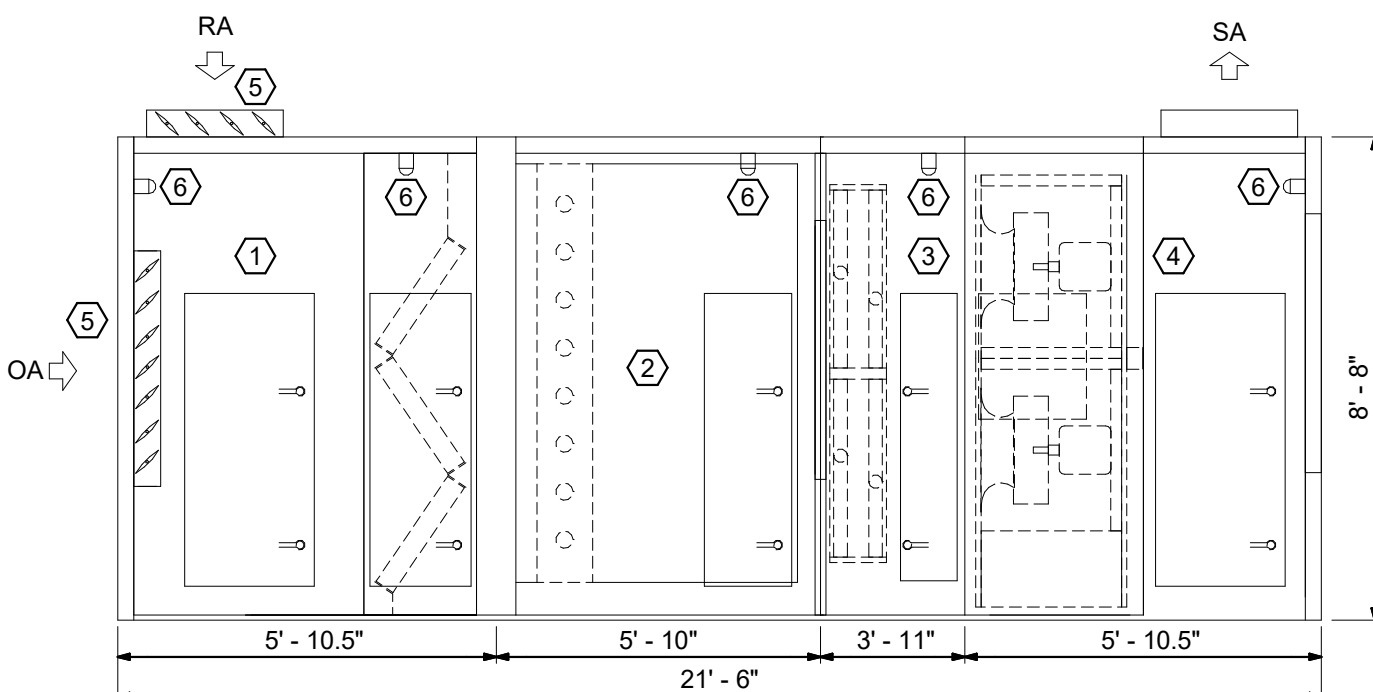
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AIR DIRT SEPARATOR SCHEDULE							
MARK	SYSTEM	TYPE	MAX FLOW (GPM)	MAX PRESSURE DROP (PSIG)	MAX VELOCITY (FPS)	MINIMUM FLANGE SIZE	BASIS OF DESIGN (ARMSTRONG)
ADS-CH	CHILLED WATER SYSTEM	[A]	270	1.0 PSIG	6 FPS	5"	[1] [2] [3] [4] [5] DAS-5-R
<div><div>TYPE: [A] STANDARD VELOCITY UNIT</div><div>NOTE: 1. UNIT SHALL BE ASME RATED (125 PSI) 2. REMOVE 99% DISSOLVED OXYGEN AND 100% OF ENTRAINED AIR AFTER 10 PASSES</div><div>ACCESSORIES: [1] BLOW DOWN WITH BRONZE BALL VALVE (STAINLESS STEEL BALL) [2] SKIM VALVE WITH BRONZE BALL VALVE (STAINLESS STEEL BALL) [3] STAINLESS STEEL COALESCING MEDIA [4] HIGH CAPACITY AUTOMATIC AIR VENT [5] REMOVABLE BOTTOM HEAD</div></div>							

MARK	SERVES	LOCATION	TYPE	CFM	E.S.P. IN. W.G.	LIMIT	MOTOR		ACCESSORIES	INTERLOCK	BASIS OF DESIGN (GREENHECK)
EF-1	SEE PLANS	CORRIDOR	A	3,800	1.76	11.2 SONES	HP	V/Ø	[1] [2] [3] [4] [5] [6] [7]	AHU-1/BAS	SQ-15-M2
<div><div>FAN TYPES: [A] INLINE, DIRECT DRIVE</div><div>FAN ACCESSORIES: [1] BACKDRAFT DAMPER [2] FLEXIBLE CONNECTORS [3] SPRING ISOLATORS [4] THERMAL OVERLOAD PROTECTION [5] PREWIRED DISCONNECT SWITCH [6] ECM MOTOR WITH UNIT MOUNTED CONTROLLER (VARI-GREEN) [7] ACOUSTICAL HOUSING</div></div>											

AHU SCHEDULE																																											
MARK	SERVES	TYPE	SUPPLY FAN							COOLING COIL							HEATING COIL						MAX FACE VEL. (FPM)	FILTER TYPE	ACCESSORIES	BASIS OF DESIGN (TEMTR0L)																	
			CFM	E.S.P. IN. W.G.	MIN. OSA CFM	MOTOR				CFM	AIR ENT.		AIR LVG.		GPM	EWT (°F)	MAX FACE VEL. (FPM)	# OF ROWS	CFM	KW	AIR ENT. ° F	AIR LVG. ° F					ELEC.																
						HP	V/Ø	FLA	MOCP		°Fdb	°Fwb	°Fdb	°Fwb													V/Ø	FLA															
AHU-1	OFFICES	I	37,000	3.5	4,800	(6) @ 8 HP EACH	460/3	61	65	37,000	78.0	65.2	49.4	49.4	270.0	45.0	500	6	33,000	168.1	60.0	75.0	153.3	212.0	500	[A]	[1] [2] [3] [4] [5] [6] [7] [8] [9] [10] [11] [12] [13] [14] [15] [16] [17] [18] [19]	ITF-DHE78															
<div><div>TYPES: I: CUSTOM BUILD, VARIABLE VOLUME, HORIZONTAL DRAW THROUGH WITH INTERNAL FAN ISOLATION. DIRECT DRIVE PLENUM FANWALL.</div><div>NOTES: A. SCHEDULED SUPPLY FAN EXTERNAL PRESSURE DOES NOT INCLUDE THE FOLLOWING (AIR PRESSURE DROPS IN, "WG"): PRE FILTER: ALL UNITS = 1.00" (CHANGEOUT) FINAL FILTERS: ALL UNITS = 1.50" (CHANGEOUT) B. MAXIMUM COOLING COIL WATER PRESSURE DROP = 15 FT. C. MAX COIL FACE VELOCITY = 500FPM. D. COILS TO BE A MAX PPF = 120, UNLESS REQUIRED NUMBER EXCEEDS 8 ROWS. E. EXTERNAL STATIC PRESSURE DOES NOT INCLUDE COILS. F. COOLING CAPACITY BASED ON 44°F ENTERING WATER WITH ΔT=12°F.</div><div>FILTER TYPES: (SEE SPECS.) [A] 2"-THICK PLEATED MERV 8 (100%) FILTERS - ANGLE FRAME & SIDE ACCESS</div><div>GENERAL NOTES: 1. MAXIMUM DISCHARGE AIR TEMPERATURE (LEAVING UNIT) = 54.5°F.</div></div> <div><div>ACCESSORIES: [1] REMOTE VARIABLE FREQUENCY DRIVE (SUPPLY FAN) [2] 2"-THICK DOUBLE-WALL CONSTRUCTION WITH R-20 INSULATION [3] FLEXIBLE CONNECTIONS AT SUPPLY AND RETURN WITH COPPER JUMPERS [4] DIRECT-DRIVE SUPPLY FANWALL [5] FAN WALL (EACH FAN CUBE TO HAVE INDEPENDENT BACKDRAFT DAMPER) [6] COOLING COIL SECTION WITH TYPE 304 STAINLESS STEEL COIL CASING AND STAINLESS STEEL DOUBLE-WALL DRAIN PAN [7] HINGED ACCESS DOORS IN ALL SECTIONS [8] FAN SECTION TO BE SINGLE-POINT WIRING CONNECTION [9] PIEZOMETER FAN INLET AFM WITH TRANSMITTER & LCD READOUT (SA & RA) [10] VAPORPROOF SERVICE LIGHTS IN ALL ACCESS SECTIONS INDICATED, TO BE WIRED TO COMMON SWITCH WITH PILOT LIGHT AT FAN ACCESS DOOR [11] MIN. 3/8"-THICK ALUMINUM TREAD PLATE FLOORING IN ALL ACCESS SECTIONS [12] COOLING COIL SECTION TO BE PROVIDED WITH UV LIGHT (BY UNIT MANUFACTURER) [13] FAN SECTION ACCESS DOOR SAFETY SWITCH [14] EMERGENCY POWER [15] FAN WALL MOTOR SAFETY SCREEN [16] 6"-HIGH INTEGRATED STEEL TUBE BASE RAIL (MIN.) [17] UNIT-MOUNTED RETURN AIR CONTROL DAMPER [18] MAGNEHELIC GAGE [19] UNIT MUST BE OF KNOCKDOWN CONSTRUCTION, ASSEMBLED ON SITE BY MECHANICAL CONTRACTOR. ALL PARTS MUST FIT THROUGH A STANDARD 36"-WIDE DOOR</div></div> <div></div> <div><table><tr><th colspan="2">AHU CABINET SECTION DESIGNATION</th></tr><tr><th>CABINET/COMPONENT</th><th>DESCRIPTION</th></tr><tr><td>①</td><td>MIXING SECTION WITH ANGLE FILTER AND ACCESS DOORS</td></tr><tr><td>②</td><td>ELECTRIC PRE-HEAT COIL SECTION AND ACCESS DOOR</td></tr><tr><td>③</td><td>CHILLED WATER COOLING COIL SECTION AND ACCESS DOOR</td></tr><tr><td>④</td><td>DIRECT DRIVE FAN SECTION WITH ACCESS DOOR</td></tr><tr><td>⑤</td><td>UNIT-MOUNTED CONTROL DAMPER</td></tr><tr><td>⑥</td><td>FACTORY PROVIDED AND INSTALLED MARINE LIGHT</td></tr></table></div>																												AHU CABINET SECTION DESIGNATION		CABINET/COMPONENT	DESCRIPTION	①	MIXING SECTION WITH ANGLE FILTER AND ACCESS DOORS	②	ELECTRIC PRE-HEAT COIL SECTION AND ACCESS DOOR	③	CHILLED WATER COOLING COIL SECTION AND ACCESS DOOR	④	DIRECT DRIVE FAN SECTION WITH ACCESS DOOR	⑤	UNIT-MOUNTED CONTROL DAMPER	⑥	FACTORY PROVIDED AND INSTALLED MARINE LIGHT
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AIR DEVICE LEGEND					
MARK	TYPE	LEGEND	RUNOUT	REMARKS	MFG / MODEL
ACD(X) CFM	ARCHITECTURAL SQUARE PLAQUE DIFFUSER	X = ROUND NECK SIZE 4-WAY THROW	ROUND RUNOUT = NECK SIZE		TITUS / OMNI LAY-IN BORDER
E(X) CFM	ALUMINUM CUBE CORE REGISTER (1/2"X1/2"X1/2")	E = EXHAUST R = RETURN T = TRANSFER X = SQUARE NECK SIZE	SEE PLANS	OBD OMIT OBD ON T'S AND UNDUCTED R'S	TITUS / 50F, ALUMINUM BORDER
<div>AIR DEVICE SCHEDULE NOTES: 1. CFM = AIR FLOW (TYPICAL ALL AIR DEVICES). 2. COORDINATE BORDER/FRAE TYPE WITH ARCH REFLECTED CEILING PLAN. 3. DIRECTION ARROWS ON DRAWINGS SHOW FLOW PATTERN. 4. USE SUPPLY DIFFUSERS WITH O.B.D. IN DRYWALL OR INACCESSIBLE CEILINGS. 5. USE SUPPLY DIFFUSERS WITHOUT O.B.D. IN LAY-IN OR ACCESSIBLE CEILINGS.</div>					

ONE LINE PIPE SYMBOLS	
—HWS—	HEATING WATER SUPPLY
—HWR—	HEATING WATER RETURN
—CHS—	CHILLED WATER SUPPLY
—CHR—	CHILLED WATER RETURN
—D—	CONDENSATE DRAIN
—B—	BALL VALVE
—F—	BUTTERFLY VALVE (LEVER HANDLE)
—G—	BUTTERFLY VALVE (GEAR OPERATOR)
—V—	GLOBE VALVE
—C—	CHECK VALVE (SWING CHECK)
—B—	CHECK VALVE (BUTTERFLY CHECK)
—L—	FLOW LIMITING VALVE
—B—	CALIBRATED BALANCING VALVE
—R—	VALVE AT RISER
—S—	STRAINER W/ DRAIN VALVE
—U—	UNION
—T—	AIR TERMINAL / FAN COIL UNIT/HOT WATER RETURN CONTROL VALVE (2-WAY) ELECTRIC OR ELECTRONIC
—T—	AIR TERMINAL / FAN COIL UNIT CONTROL VALVE (3-WAY) ELECTRIC OR ELECTRONIC
—C—	CONTROL VALVE (2-WAY) ELECTRIC OR ELECTRONIC
—C—	CONTROL VALVE (3-WAY) ELECTRIC OR ELECTRONIC
RENOVATION SYMBOLS	
—E—	NEW EQUIPMENT
—D—	NEW DUCT
—P—	NEW PIPING

ONE LINE PIPE SYMBOLS	
—C—	CONTROL VALVE (3-WAY) ELECTRIC OR ELECTRONIC
—S—	EMERGENCY SHUT-OFF VALVE WITH FUSIBLE LINK
—F—	FLEXIBLE PIPE CONNECTOR
—M—	METAL BELLOWS PUMP CONNECTOR
—H—	AIR VENT (A - AUTO, H - HAND)
—T—	PRESSURE AND TEMPERATURE TAP
—G—	PRESSURE GAUGE
—B—	PRESSURE GAUGE W/ SIPHON
—W—	THERMOMETER W/ INSERTION WELL
—A—	ANCHOR
—P—	PIPE GUIDE
—F—	FLANGE
—U—	ELBOW, TURNED UP
—D—	ELBOW, TURNED DOWN
—R—	RISE OR DROP IN PIPE
—E—	ELBOW
—T—	TEE, SIDE CONNECTION
—U—	TEE, OUTLET UP
—D—	TEE, OUTLET DOWN
—O—	CAPPED OUTLET
—P—	CAPPED PIPE
—R—	CONCENTRIC REDUCER
—E—	ECCENTRIC REDUCER
—P—	DIRECTION OF PITCH
—T—	PIPE TO FLOOR DRAIN
—E—	EMERGENCY MANAGEMENT SYSTEM INSERTION WELL

TWO LINE PIPE SYMBOLS	
—E—	ELBOW - FLANGED LONG RADIUS 45°
—E—	ELBOW - FLANGED LONG RADIUS 90°
—E—	ELBOW - WELDED LONG RADIUS 45°
—E—	ELBOW - WELDED LONG RADIUS 90°
—C—	END CAP
—F—	FLANGES - SLIP ON
—F—	FLANGES - WELD NECK
—R—	REDUCERS - FLANGED CONCENTRIC
—R—	REDUCERS - FLANGED ECCENTRIC
—R—	REDUCERS - WELDED CONCENTRIC
—R—	REDUCERS - WELDED ECCENTRIC
—T—	TEE - FLANGED
—T—	TEE - WELDED
—B—	BUTTERFLY VALVE - LEVER OPERATOR
—B—	BUTTERFLY VALVE - WORM GEAR OPERATOR
—B—	BUTTERFLY VALVE - ACTUATOR
—C—	CHECK VALVE - SWING CHECK
—C—	CHECK VALVE - SILENT OR WAFER
—G—	GLOBE VALVE
—S—	STRAINER - Y
—S—	STRAINER - BASKET
—D—	SUCTION DIFFUSER
—F—	FLEXIBLE CONNECTORS

DUCTWORK SYMBOLS	
—T—	THERMOSTAT
—W—	THERMOSTAT WIRING
—H—	HUMIDISTAT
—T—	TEMPERATURE SENSOR
—FM—	GPM FLUID FLOW METER
—SA—	SUPPLY AIR DUCT
—RA—	RETURN AIR DUCT
—EA—	EXHAUST AIR DUCT
—CFM—	CUBIC FEET PER MINUTE
—EMS—	ENERGY MANAGEMENT SYSTEM
—ATC—	AUTOMATIC TEMP CONTROLS
—CO2—	CARBON DIOXIDE
—PPM—	PARTS PER MILLION
—Ø—	ROUND DIAMETER
—F—	FLAT OVAL (MAJOR/MINOR)
—R—	SHORT (1x) RADIUS ELL (RECTANGULAR OR ROUND) CENTERLINE RADIUS = 1d
—R—	LONG (1.5x) RADIUS ELL (ROUND OR OVAL) CENTERLINE RADIUS = 1.5d
—S—	SQUARE ELL
—T—	ELL WITH TURNING VANES
—T—	STREAMLINE TAP (RECTANGULAR)
—T—	STREAMLINE TAP (ROUND)
—C—	CONICAL TAP
—S—	STRAIGHT TAP
—L—	LATERAL TAP
—M—	MANUAL VOLUME DAMPER
—M—	MOTORIZED VOLUME DAMPER
—FD—	FIRE DAMPER (FD)
—FD—	VERTICAL FIRE DAMPER (FD)
—S—	SMOKE DAMPER
—S—	COMBINATION FIRE / SMOKE DAMPER (FD/S)
—R—	RECTANGULAR DUCT (WIDTH/DEPTH)
—R—	ROUND DUCT OFFSET
—R—	CHANGE IN ELEVATION ("R"-RISE, "F"-FALL)
—F—	FLEXIBLE DUCT
—S—	SUPPLY DUCT UP
—S—	RETURN DUCT UP
—S—	EXHAUST DUCT UP
—S—	SUPPLY DUCT DOWN
—S—	RETURN DUCT DOWN
—S—	EXHAUST DUCT DOWN
—S—	CEILING DIFFUSER
—S—	RETURN AIR GRILLE
—S—	EXHAUST AIR GRILLE
—AP—	ACCESS PANEL
—AP—	ACCESS PANEL IN ROUND OR OVAL DUCT

VARIABLE FREQUENCY DRIVE SCHEDULE			
MARK	SERVES	ACCESSORIES	BASIS OF DESIGN
VFD-AHU-1	AHU-1	[1] [2] [3] [4] [5] [6]	ABB
<div><div>ACCESSORIES: [1] DISCONNECT SWITCH [2] BY-PASS THREE CONTACTOR ELECTRO - MECHANICAL [3] OUTPUT/LOAD SIDE FILTERS IF LENGTH FROM DRIVE TO MOTOR EXCEEDS MANUFACTURER'S ALLOWABLE LENGTH. [4] NEMA 1 ENCLOSURE [5] HIGH AMBIENT OPERATION - CONTINUOUS OUTPUT RATING = TO 110% OF MOTOR NAMEPLATE FLA'S [6] VFD SERVES MULTIPLE MOTORS. SIZE VFD BASED ON SUM OF THE FLA'S OF THE CONNECTED MOTORS. VERIFY MOTOR FLA'S WITH EQUIPMENT MANUFACTURER SUPPLIER</div><div>NOTE: 1. VFD TO BE MOUNTED AND WIRED IN FIELD. SEE DWGS FOR LOCATION. 2. VFD SHALL BE SELECTED ONE SIZE LARGER THAN RATED HORSEPOWER.</div></div>			

SCHEDULES AND
LEGEND - HVAC

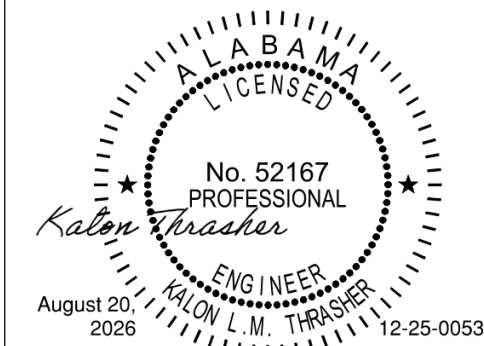
HOUSTON COUNTY
DEPARTMENT OF HUMAN RESOURCES
DOTHAN, ALABAMA

ISSUE DATE
ISSUE FOR BID

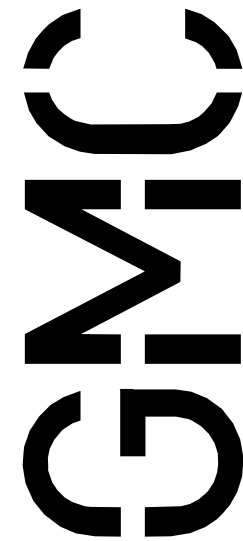
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AIR COOLED CHILLER SCHEDULE

MARK	TYPE	REFRIGERANT TYPE	TONS	COOLER				FOULING	AMBIENT (°F)	EFFICIENCY		ACCESSORIES	ELECTRICAL		BASIS OF DESIGN (DAIKIN)																				
				DESIGN GPM	MIN GPM	LVG °F	MAX. DP (FT)			IPLV	EER		V/Ø	MCA		RECOMMENDED FUSE																			
CH-1	[A]	R32	135	270	170	44	9.5	0.0001	95	17.88	10.87	[1] [2] [3] [4] [5] [6] [7] [8] [9] [10] [11] [12] [13] [14] [15] [16] [17]	460/3	305	350	AGZ008F																			
TYPES:																																			
[A] AIR-COOLED, SCROLL COMPRESSORS									[1] UNIT-MOUNTED: HIGH FAULT CIRCUIT BREAKER WITH SCCR OF 65,000 (UL-RATED)									[11] MAX SCHEDULED SOUND VALUES (MAX SOUND POWER = 95 dBA; MAX SOUND PRESSURE = 68 dBA) AT 30 FEET IN FREE FIELD																	
NOTES:																		[2] CONDENSER COIL GUARD									[12] ELASTOMERIC ISOLATORS								
1. MINIMUM EFFICIENCY AT AHRI 550/590 CONDITIONS.																		[3] ARCHITECTURAL LOUVERED PANELS									[13] SOUND PACKAGE: COMPRESSOR BLANKETS AND LOW SOUND CONDENSER FANS								
2. FLUID TYPE IS WATER.																		[4] CONTROL POWER TRANSFORMER									[14] PHASE REVERSAL PROTECTION								
3. PROVIDE MINIMUM OF 4-STEPS UNLOADING.																		[5] LOW-AMBIENT CONTROL TO 0°F									[15] WARRANTY: 5-YEAR ENTIRE UNIT; PARTS, LABOR, AND REFRIGERANT								
4. PROVIDE INLET STRAINER WITH GROOVED FITTINGS FOR CHILLERS WITH PLATE AND FRAME EVAPORATORS.																		[6] EVAPORATOR AND HYDRONIC PACKAGE FREEZE PROTECTION WITH SEPARATE 20 AMP, 115V/1 PH POWER CONNECTION									[16] BACNET COMMUNICATIONS CARD - COORDINATE REQUIREMENT WITH BAS CONTRACTOR								
5. COOLING CAPACITY BASED ON ΔT = 12°F.																		[7] ACROSS-THE-LINE STARTER									[17] FACTORY-MOUNTED VARIABLE-SPEED DUAL PUMP PACKAGE. PACKAGE INCLUDES DUAL HIGH HEAD 10.0 HP PUMPS AT 125 FT. HD., STRAINER, EXPANSION TANK, AND VARIABLE SPEED DRIVE WITH CONTROL PANEL; ALL FACTORY-WIRED.								
6. MAX ΔP INCLUDES STRAINER.																		[8] SINGLE-POINT POWER CONNECTION																	
																		[9] SUCTION AND DISCHARGE SERVICE VALVES																	
																		[10] FACTORY-INSTALLED FLOW SWITCH																	

MINI SPLIT SYSTEM UNIT SCHEDULE - COOLING ONLY

INDOOR UNIT MARK	OUTDOOR UNIT MARK	SERVES	TYPE	SUPPLY FAN CFM	COOLING CAPACITY				ACCESSORIES	NOMINAL TONS	ELECTRICAL					BASIS OF DESIGN (MITSUBISHI) (INDOOR / OUTDOOR)																	
					SENSIBLE MBH	TOTAL MBH	ENT. AIR				INDOOR UNIT		OUTDOOR UNIT																				
							*Fdb	*Fwb			FLA	VOLT V/Ø	MCA	MOCP	VOLT V/Ø																		
DS-1	DSHP-1	IDF 1060	[A]	455	13.1	18.0	80.0	67.0	[1] [2] [3]	1.5	0.19	208/1	11	30	208/1	PKA-A18LA / PUY-A18NKA7																	
DS-2	DSHP-2	EL 1062	[A]	455	13.1	18.0	80.0	67.0	[1] [2] [3]	1.5	0.19	208/1	11	30	208/1	PKA-A18LA / PUY-A18NKA7																	
DS-3	DSHP-3	ELEC 1073	[A]	455	13.1	18.0	80.0	67.0	[1] [2] [3]	1.5	0.19	208/1	11	30	208/1	PKA-A18LA / PUY-A18NKA7																	
DS-4	DSHP-4	SERVER 1205	[A]	455	13.1	18.0	80.0	67.0	[1] [2] [3]	1.5	0.19	208/1	11	30	208/1	PKA-A18LA / PUY-A18NKA7																	
DS-5	DSHP-5	ELEC 1102	[A]	455	13.1	18.0	80.0	67.0	[1] [2] [3]	1.5	0.19	208/1	11	30	208/1	PKA-A18LA / PUY-A18NKA7																	
DS-6	DSHP-6	IDF 1132	[A]	455	13.1	18.0	80.0	67.0	[1] [2] [3]	1.5	0.19	208/1	11	30	208/1	PKA-A18LA / PUY-A18NKA7																	
TYPE: [A] WALL MOUNTED (PKA TYPE)																	ACCESSORIES: [1] MICROPROCESSOR BASED CONTROLS W/ HARDWIRED REMOTE CONTROLLER [2] WASHABLE FILTER [3] WIND BAFFLE FOR LOW AMBIENT COOLING TO 0 DEGREE F.																
NOTES: A. CAPACITIES ARE MINIMUM NET CAPACITIES B. COOLING: CAPACITY RATED AT 95°F AMBIENT. C. INDOOR UNITS RECEIVE POWER FROM OUTDOOR UNITS THROUGH FIELD SUPPLIED INTERCONNECTING WIRING. D. MINIMUM SEER = 14.0 AT AHRI 210/240 CONDITIONS E. DO NOT EXCEED MANUFACTURER'S RECOMMENDED REFRIGERANT PIPING LENGTH.																																	

EXPANSION TANK SCHEDULE

MARK	SYSTEM	TYPE	FILL PRESSURE (PSIG)	MINIMUM ACCEPTANCE VOL. (GALLONS)	MINIMUM TANK VOL. (GALLONS)	ACCESSORIES	BASIS OF DESIGN (TACO)
ET-CH	CHILLED WATER	[A]	12	23	23	[1]	CA90
TYPES: [A] VERTICAL, BLADDER							
ACCESSORIES: [1] REMOVABLE BLADDER							

ELECTRIC HEATER SCHEDULE

MARK	SERVES	TYPE	CAPACITY	ELECTRICAL V/Ø	ACCESSORIES	REMARKS	BASIS OF DESIGN (MARKEL)
EWH-1	FR 1043	A	500 W	120/1	[1] [3]	SURFACE MOUNTED	RPH2-5A
ECH-1	VESTIBULE 1000	B	3.0 kW	208/1	[2] [3] [4]	CEILING RECESSED	3480
TYPES: A. EWH - ELECTRIC WALL HEATER B. ECH - ELECTRIC CEILING HEATER							
ACCESSORIES: [1] UNIT-MOUNTED THERMOSTAT (EXPOSED KNOB) [2] WALL-MOUNTED LOW-VOLTAGE THERMOSTAT IN METAL LOCKING COVER [3] UNIT-MOUNTED DISCONNECT SWITCH [4] STANDARD RADIAL DIFFUSER							

CONDENSATE PUMP

CP-1: VERTICAL-TYPE PUMP WITH LEAKPROOF, RUSTPROOF, 1/2 GALLON TANK WITH BUILT-IN WALL MOUNT TABS, STAINLESS STEEL MOTOR SHAFT, SNAP-ACTION SWITCH, 6FT. POWER CORD 3-CONDUCTOR CABLE WITH 3-PRONG PLUG, THERMAL OVERLOAD PROTECTION, CHECK VALVE, 3/8" BRASS COMPRESSION DISCHARGE CONNECTION, AND SAFETY SWITCH WITH 5-INCH LEAD WIRES. U.L. LISTED. MAXIMUM WATER TEMPERATURE = 140 DEGREE F. SUITABLE FOR USE WITH GAS-FIRED CONDENSING FURNACE. PERFORMANCE: 55 GPH AT 9' HEAD. MAX. CUTOFF 20' HEAD. ELECTRICAL: 1/30 HP; 115 VAC, 60 HZ. EQUAL TO LITTLE GIANT VCMA-20ULS NOTE: INTERLOCK CONDENSATE PUMP WITH INDOOR UNIT. INDOOR UNIT TO SHUT OFF IN THE EVENT THE SAFETY SWITCH DETECTS A FAULT.
--

LOUVER SCHEDULE

MARK	TYPE	WIDTH	HEIGHT	DEPTH	ACCESSORIES	FINISH	BASIS OF DESIGN (GREENHECK)
L-1	A	96"	22"	6"	[1] [2] [3]	A	ESD-603
L-2	A	96"	22"	6"	[1] [2] [3]	A	ESD-603
L-3	A	96"	22"	6"	[1] [2] [3]	A	ESD-603
L-4	A	96"	22"	6"	[1] [2] [3]	A	ESD-603
L-5	A	96"	22"	6"	[1] [2] [3]	A	ESD-603
L-6	A	96"	22"	6"	[1] [2] [3]	A	ESD-603
L-7	A	96"	22"	6"	[1] [2] [3]	A	ESD-603
L-8	A	96"	22"	6"	[1] [2] [3]	A	ESD-603
L-9	A	96"	22"	6"	[1] [2] [3]	A	ESD-603
L-10	A	96"	22"	6"	[1] [2] [3]	A	ESD-603
L-11	A	96"	22"	6"	[1] [2] [3]	A	ESD-603
L-12	A	96"	22"	6"	[1] [2] [3]	A	ESD-603
L-13	A	96"	22"	6"	[1] [2] [3]	A	ESD-603
L-14	A	96"	22"	6"	[1] [2] [3]	A	ESD-603
TYPES: [A] FIXED BLADE LOUVER (ESD-603)							
ACCESSORIES: [1] FORMED ALUMINUM EXTENDED SILL [2] CHANNEL FRAME [3] BIRDSCREEN, ALUMINUM							
FINISH: A. KYNAR 500-3 COAT							
NOTES: 1. ALUMINUM ALL-WELDED CONSTRUCTION. 2. COLOR SELECTED BY ARCHITECT FROM FACTORY STANDARD COLORS. 3. OTHER ACCEPTABLE MANUFACTURERS: RUSKIN, AIROLITE.							

CHILLED WATER BUFFER TANK

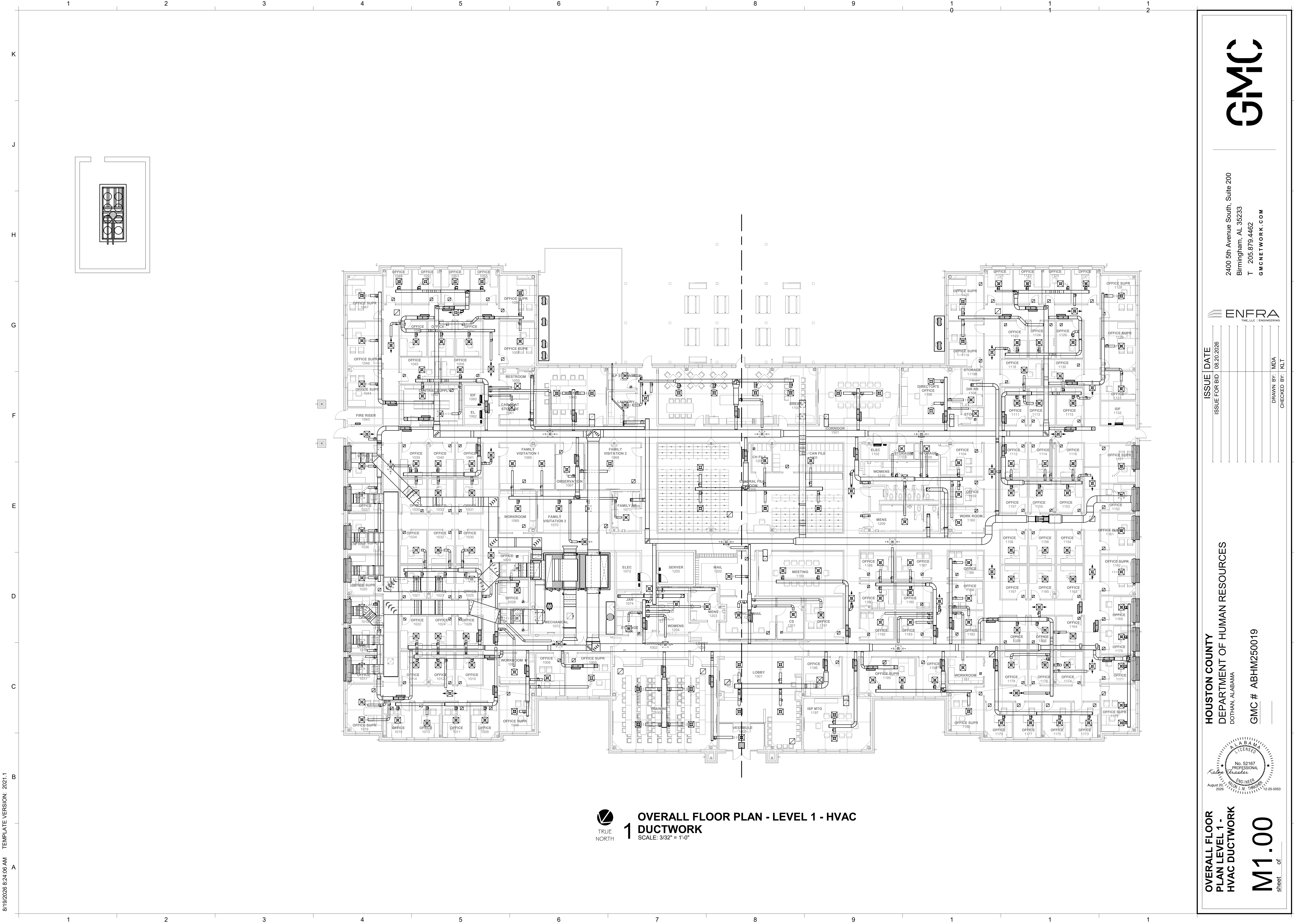
BT-CW: VERTICAL CHILLED WATER BUFFER TANK: 120-GALLON CAPACITY. CARBON STEEL BUILT TO ASME CODEE SECTION VIII, (125 PSIG) PROVIDE TANK WITH AIR VENT, DRAIN, 4" FLANGED INLET, 4" FLANGED OUTLET CONNECTION, AND DIVIDER PLATE. PROVIDE HIGH-CAPACITY AUTOMATIC AIR VENT, 3/4" TAP FOR THERMOWELL, PAINTED JACKET, AND ASME RELIEF VALVE (100 PSI). APPROXIMATE DIMENSIONS: 24"Ø X 60" TALL BASIS OF DESIGN: ELBI #CWT-120
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AIR TERMINAL UNIT SCHEDULE - ELECTRIC

MARK	TYPE	ROUND INLET	AIR FLOW (CFM)			ELECTRIC HEAT		
			COOL MAX.	BOX MIN.	HTG. MAX CFM	KW	STAGES	ELECTRICAL V/Ø
TU1-1	VVR	10	730	230	550	7	SCR	277/1
TU1-2	VVR	10	740	230	555	7	SCR	277/1
TU1-3	VVR	8	530	185	400	5	SCR	277/1
TU1-4	VVR	8	580	205	430	5	SCR	277/1
TU1-5	VVR	10	720	230	500	6	SCR	277/1
TU1-6	VVR	10	650	230	490	6.5	SCR	277/1
TU1-7	VVR	10	860	300	645	8.5	SCR	460/3
TU1-8	VVR	10	910	320	680	9	SCR	460/3
TU1-9	VVR	12	1200	420	900	11.5	SCR	460/3
TU1-10	VVR	10	910	320	680	9	SCR	460/3
TU1-11	VVR	10	810	285	610	8	SCR	277/1
TU1-12	VVR	10	760	270	570	7.5	SCR	277/1
TU1-13	VVR	10	800	280	600	8	SCR	277/1
TU1-14	VVR	8	500	175	375	5	SCR	277/1
TU1-15	VVR	10	810	285	610	8	SCR	277/1
TU1-16	VVR	12	1690	590	1270	17	SCR	460/3
TU1-17	VVR	12	1300	455	975	13	SCR	460/3
TU1-18	VVR	8	500	175	375	5	SCR	277/1
TU1-19	VVR	10	925	325	695	9	SCR	460/3
TU1-20	VVR	8	550	195	410	5.5	SCR	277/1
TU1-21	VVR	14	1900	665	1425	18	SCR	460/3
TU1-22	VVR	10	900	315	675	11.5	SCR	460/3
TU1-23	VVR	8	600	210	450	6	SCR	277/1
TU1-24	VVR	10	680	240	510	6.5	SCR	277/1
TU1-25	VVR	10	915	320	690	9	SCR	460/3
TU1-26	VVR	10	610	215	460	6	SCR	277/1
TU1-27	VVR	10	960	335	720	9.5	SCR	460/3
TU1-28	VVR	8	430	150	325	4.5	SCR	277/1
TU1-29	VVR	10	840	295	630	8	SCR	277/1
TU1-30	VVR	8	550	195	415	5.5	SCR	277/1
TU1-31	VVR	10	740	260	555	7	SCR	277/1
TU1-32	VVR	10	715	250	535	7	SCR	277/1
TU1-33	VVR	8	455	160	340	4.5	SCR	277/1
TU1-34	VVR	10	675	235	500	6.5	SCR	277/1
TU1-35	VVR	10	1010	355	760	10	SCR	460/3
TU1-36	VVR	10	760	270	570	7.5	SCR	277/1
TU1-37	VVR	10	910	320	680	9	SCR	460/3
TU1-38	VVR	10	960	335	720	9.5	SCR	460/3
TU1-39	VVR	10	810	285	610	8	SCR	277/1
TU1-40	VVR	10	800	280	600	8	SCR	277/1
TU1-41	VVR	8	300	145	225	6	SCR	277/1
TU1-42	VVR	10	1000	350	750	9.5	SCR	460/3
TU1-43	VVR	10	1000	350	750	9.5	SCR	460/3
TU1-44	VVR	10	1000	350	750	9.5	SCR	460/3
TU1-45	VVR	10	1000	350	750	9.5	SCR	460/3
LEGEND: SINGLE DUCT TERMINAL UNITS: VVR = VARIABLE VOLUME REHEAT								
NOTES: 1. ENTERING AIR = 55°F. 2. ALL BOXES CLOSED CELL (FIBER FREE) LINING. 3. PROVIDE ACCESS DOOR FOR MAINTENANCE. 4. ROUND RUNOUT EQUALS NECK SIZE U.N.O. ON PLANS. 5. HEATING MBH IS AT MAXIMUM HEATING AIR FLOW. 6. BASIS OF DESIGN: TITUS ESV FOR SINGLE DUCT UNITS. 7. ALL BOXES SHALL BE UL LISTED AND LABELED.								

OSA CALCULATIONS PER IMC 2021 & ASHRAE 62.1- 2016 (AHU-1)														
ZONE IDENTIFICATION			ASHRAE STANDARD 62.1-2016 VENTILATION RATE PROCEDURE								DESIGN CASE			
TERMINAL UNIT	ROOM NAME/ NUMBER	OCCUPANCY CATEGORY	AREA [ft2]	PEOPLE OUTDOOR RATE Rp [CFM/Person]	AREA OUTDOOR RATE Ra [CFM/R2]	# OCCUPANTS	Rp* OCCUPANT S [CFM]	AREA*Ra [CFM]	BREATHING ZONE OUTDOOR AIRFLOW Vbz [CFM]	Table 6-2 Zone Air Distribution Effectiveness Ez	ZONE EFFECTIVENESS S Ez	ZONE OUTDOOR AIRFLOW Voz [CFM]	MIN. ZONE PRIMARY AIRFLOW Vpz [CFM]	ZONE PRIMARY OUTDOOR AIR FRACTION Zp
TU1-1	OFFICE 1047	Office space	175	5	0.06	1	4.5	11	15	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	19	104	0.18
	OFFICE 1046	Office space	175	5	0.06	1	4.5	11	15	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	19	63	0.30
	OFFICE 1044	Office space	160	5	0.06	1	4	10	14	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	17	63	0.27
TU1-2	OFFICE 1049	Office space	105	5	0.06	1	2.5	6	9	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	11	50	0.22
	OFFICE 1051	Office space	110	5	0.06	1	3	7	10	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	12	50	0.24
	OFFICE 1053	Office space	110	5	0.06	1	3	7	10	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	12	50	0.24
	OFFICE 1055	Office space	110	5	0.06	1	3	7	10	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	12	50	0.24
	CORRIDOR	Corridors	200	0	0.06	0	0	12	12	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	15	31	0.48
TU1-3	OFFICE 1056	Office space	175	5	0.06	1	4.5	11	15	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	19	115	0.16
	OFFICE 1057	Office space	180	5	0.06	1	4.5	11	15	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	19	70	0.27
TU1-4	OFFICE 1048	Office space	110	5	0.06	1	3	7	10	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	12	39	0.31
	OFFICE 1050	Office space	110	5	0.06	1	3	7	10	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	12	39	0.31
	OFFICE 1052	Office space	110	5	0.06	1	3	7	10	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	12	39	0.31
	CORRIDOR	Corridors	80	0	0.06	0	0	5	5	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	6	44	0.14
	CORRIDOR	Corridors	80	0	0.06	0	0	5	5	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	6	44	0.14
TU1-5	OFFICE 1045	Office space	125	5	0.06	1	3	8	11	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	13	35	0.37
	OFFICE 1058	Office space	120	5	0.06	1	3	7	10	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	13	35	0.36
	CENTRAL SUPPLY 1042	Office space	290	5	0.06	2	7.5	17	25	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	31	80	0.39
	CAR SEAT STOR 1061	Storage rooms (non occupiable)	135	0	0	0	0	0	0	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	0	24	0.00
TU1-6	MEETING 1063	Conference / meeting	465	5	0.06	11	55	28	83	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	104	230	0.45
TU1-7	OFFICE 1038	Office space	160	5	0.06	1	4	10	14	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	17	70	0.24
	OFFICE 1037	Office space	110	5	0.06	1	3	7	10	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	12	56	0.22
	OFFICE 1036	Office space	160	5	0.06	1	4	10	14	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	17	70	0.24
	OFFICE 1020	Office space	160	5	0.06	1	4	10	14	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	17	70	0.24
	CORRIDOR	Corridors	95	0	0.06	0	0	6	6	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	7	35	0.20
TU1-8	OFFICE 1039	Office space	105	5	0.06	1	2.5	6	9	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	11	39	0.28
	OFFICE 1040	Office space	105	5	0.06	1	2.5	6	9	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	11	39	0.28
	OFFICE 1041	Office space	105	5	0.06	1	2.5	6	9	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	11	39	0.28
	OFFICE 1035	Office space	105	5	0.06	1	2.5	6	9	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	11	39	0.28
	OFFICE 1033	Office space	105	5	0.06	1	2.5	6	9	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	11	39	0.28
	OFFICE 1031	Office space	105	5	0.06	1	2.5	6	9	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	11	39	0.28
	CORRIDOR	Corridors	225	0	0.06	0	0	14	14	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	17	44	0.38
	CORRIDOR	Corridors	220	0	0.06	0	0	13	13	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	16	44	0.38
TU1-9	FAMILY VISIT I 1066	Office space	290	5	0.06	2	7.5	17	25	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	31	88	0.36
	OBSERVATION 1067	Office space	150	5	0.06	1	4	9	13	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	16	49	0.33
	FAMILY VISIT II 1068	Office space	295	5	0.06	2	7.5	18	25	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	31	88	0.36
	WORKROOM 1069	Office space	170	5	0.06	1	4.5	10	15	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	18	46	0.40
	FAMILY VISIT III 1070	Office space	350	5	0.06	2	9	21	30	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	38	98	0.38
	CORRIDOR	Corridors	275	0	0.06	0	0	17	17	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	21	35	0.59
TU1-10	OFFICE 1034	Office space	105	5	0.06	1	2.5	6	9	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	11	39	0.28
	OFFICE 1032	Office space	105	5	0.06	1	2.5	6	9	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	11	39	0.28
	OFFICE 1030	Office space	105	5	0.06	1	2.5	6	9	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	11	39	0.28
	OFFICE 1021	Office space	105	5	0.06	1	2.5	6	9	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	11	39	0.28
	OFFICE 1023	Office space	105	5	0.06	1	2.5	6	9	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	11	39	0.28
	OFFICE 1025	Office space	105	5	0.06	1	2.5	6	9	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	11	39	0.28
	CORRIDOR	Corridors	285	0	0.06	0	0	17	17	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	21	44	0.49
	CORRIDOR	Corridors	285	0	0.06	0	0	17	17	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	21	44	0.49
TU1-11	OFFICE 1019	Office space	115	5	0.06	1	3	7	10	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	12	56	0.22
	OFFICE 1018	Office space	115	5	0.06	1	3	7	10	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	12	56	0.22
	OFFICE 1017	Office space	115	5	0.06	1	3	7	10	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	12	56	0.22
	OFFICE 1016	Office space	110	5	0.06	1	5	11	16	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	20	116	0.18
TU1-12	OFFICE 1022	Office space	105	5	0.06	1	2.5	6	9	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	11	33	0.33
	OFFICE 1024	Office space	105	5	0.06	1	2.5	6	9	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	11	33	0.33
	OFFICE 1026	Office space	105	5	0.06	1	2.5	6	9	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	11	33	0.33
	OFFICE 1014	Office space	105	5	0.06	1	2.5	6	9	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	11	33	0.33
	OFFICE 1012	Office space	105	5	0.06	1	2.5	6	9	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	11	33	0.33
	OFFICE 1010	Office space	105	5	0.06	1	2.5	6	9	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	11	33	0.33
	OFFICE 1015	Office space	110	5	0.06	1	3	7	10	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	12	70	0.17
TU1-13	OFFICE 1013	Office space	110	5	0.06	1	3	7	10	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	12	70	0.17
	OFFICE 1011	Office space	110	5	0.06	1	3	7	10	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	12	70	0.17
	OFFICE 1009	Office space	110	5	0.06	1	3	7	10	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	12	70	0.17
	OFFICE 1029	Office space	90	5	0.06	1	2.5	5	8	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	10	35	0.28
TU1-14	OFFICE 1028	Office space	90	5	0.06	1	2.5	5	8	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	10	35	0.28
	OFFICE 1027	Office space	90	5	0.06	1	2.5	5	8	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	10	35	0.28
	WORKROOM 1007	Office space	120	5	0.06	1	3	7	10	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	13	35	0.36
	CORRIDOR	Corridors	210	0	0.06	0	0	13	13	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	16	35	0.45
	OFFICE 1008	Office space	175	5	0.06	1	4.5	11	15	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	19	116	0.16
	OFFICE 1006	Office space	140	5	0.06	1	3.5	8	12	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	15	63	0.23
	OFFICE 1005	Office space	220	5	0.06	1	5.5	13	19	Ceiling Supply of Warm Air 15°F or more above space temperature and Ceiling Return	0.8	23	106	0.22

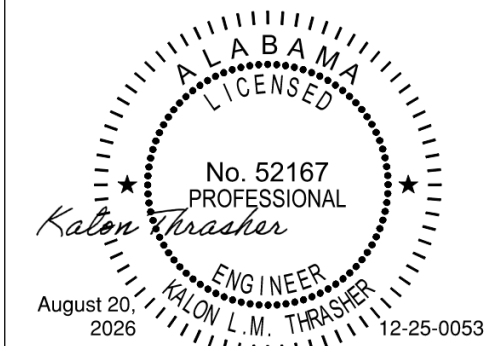
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OVERALL FLOOR PLAN - LEVEL 1 - HVAC DUCTWORK
SCALE: 3/32" = 1'-0"

OVERALL FLOOR
PLAN LEVEL 1 -
HVAC DUCTWORK

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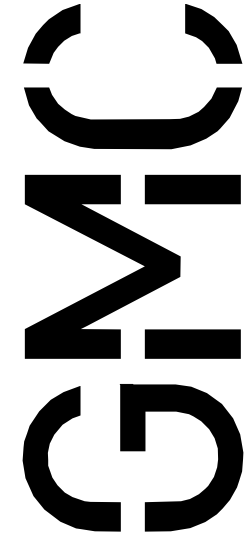
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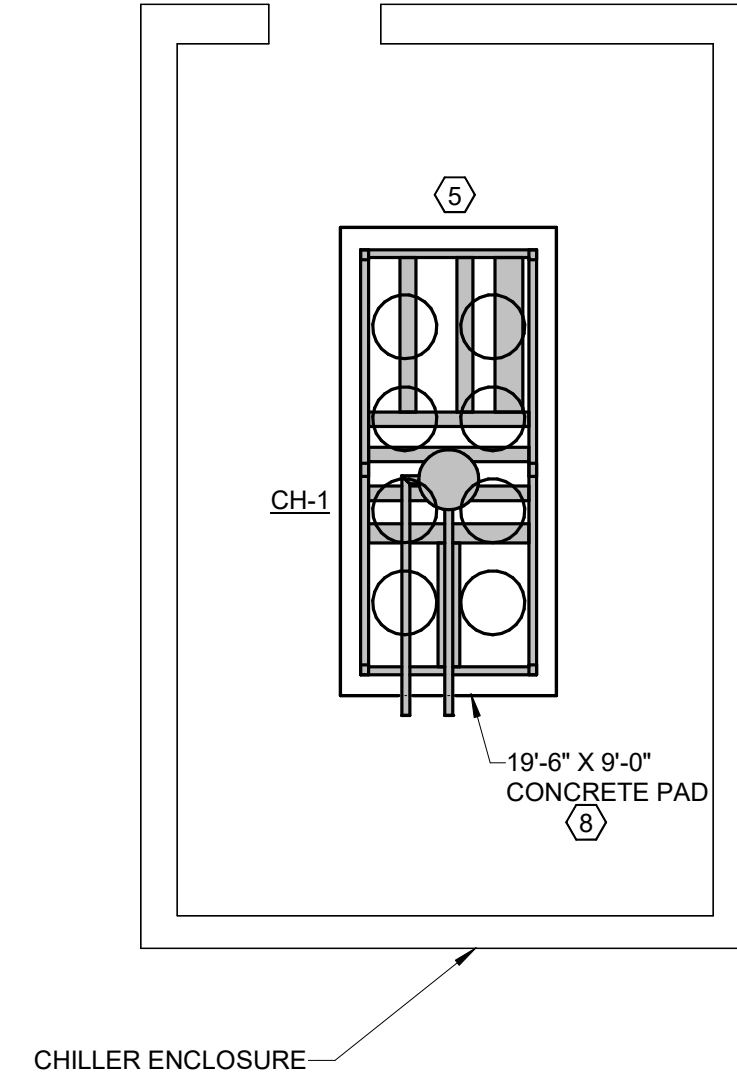


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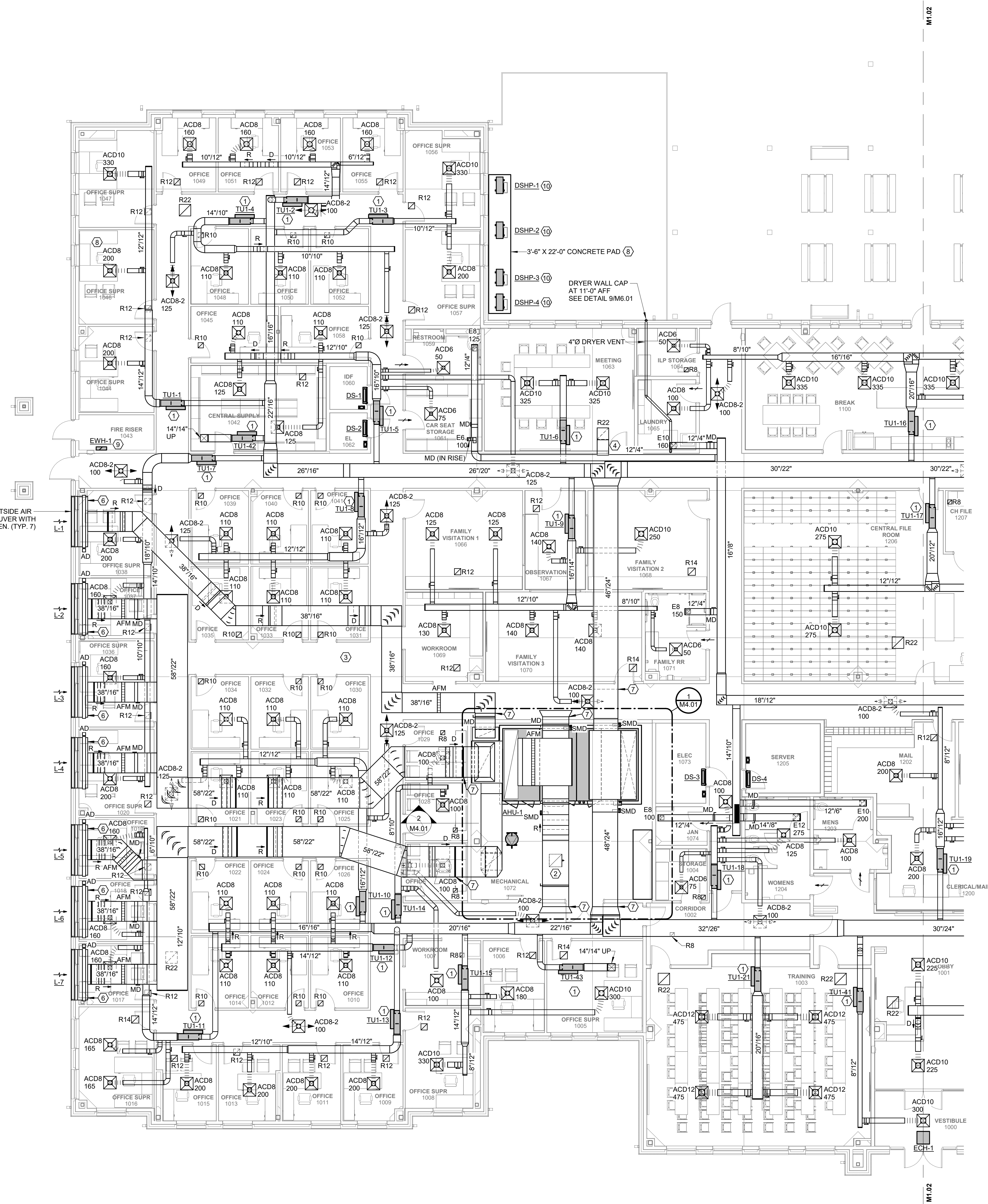
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96"X22" OUTSIDE AIR
INTAKE LOUVER WITH
BIRDSCREEN. (TYP. 7)



PARTIAL FLOOR PLAN A LEVEL 1 - HVAC DUCTWORK

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

GENERAL NOTES:

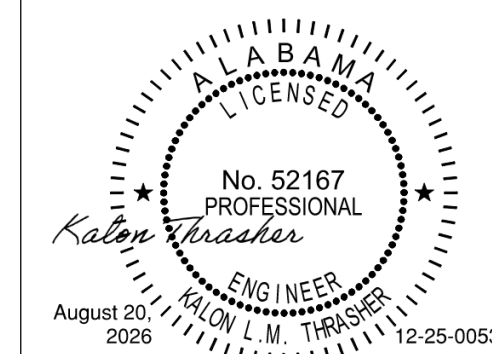
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- CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE TO THE BUILDING, EQUIPMENT, PIPING, SYSTEMS, ETC. RESULTING FROM CONSTRUCTION.
- ALL RETURN AIR GRILLES WITHOUT DUCTWORK SHALL BE INSTALLED WITH A SOUND TRAP. REFER TO DETAIL ON SHEET M6.01.

KEYED NOTES:

- PROVIDE A MINIMUM CLEARANCE OF 3'-0" FOR MAINTENANCE ACCESSIBILITY AND ELECTRICAL CLEARANCE PER THE NATIONAL ELECTRIC CODE.
- 24"/24" RA FROM ATTIC WITH MANUAL BALANCING DAMPER IN RISE.
- INDOOR BUILDING PRESSURE PICKUP LOCATION.
- FULL-SIZE TRANSFER DUCT FROM RETURN GRILLE AT CEILING THROUGH CORRIDOR WALL TO COMMUNICATE WITH CORRIDOR CEILING PLENUM. COVER OPEN END WITH 1/2"X1/2" WIRE MESH SCREEN.
- MAINTAIN A MINIMUM CLEARANCE OF 4'-0" IN FRONT OF CHILLER CONTROL PANEL.
- SHEETMETAL TRANSITION, FROM SIZE OF LOUVER TO 96"/16", WITH LENGTH TO ACCOMMODATE INSTALLATION OF THE AUTOMATIC DAMPER.
- EXTERNAL DUCT SOUND INSULATION UP TO POINT INDICATED.
- REFER TO DETAIL 15/M6.01.
- INSTALL WALL-MOUNTED ELECTRIC HEATER AT 0'-9" AFF. COORDINATE FINAL LOCATION WITH FIRE PROTECTION PIPING AND EQUIPMENT.
- SECURE MECHANICAL EQUIPMENT TO CONCRETE PAD WITH CLIPS AND EXPANSION ANCHORS, TYPICAL (4) PLACES.

PARTIAL FLOOR
PLAN A LEVEL 1 -
HVAC DUCTWORK

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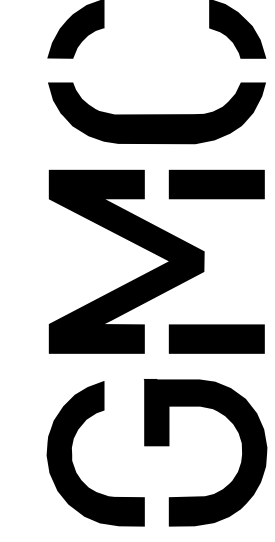
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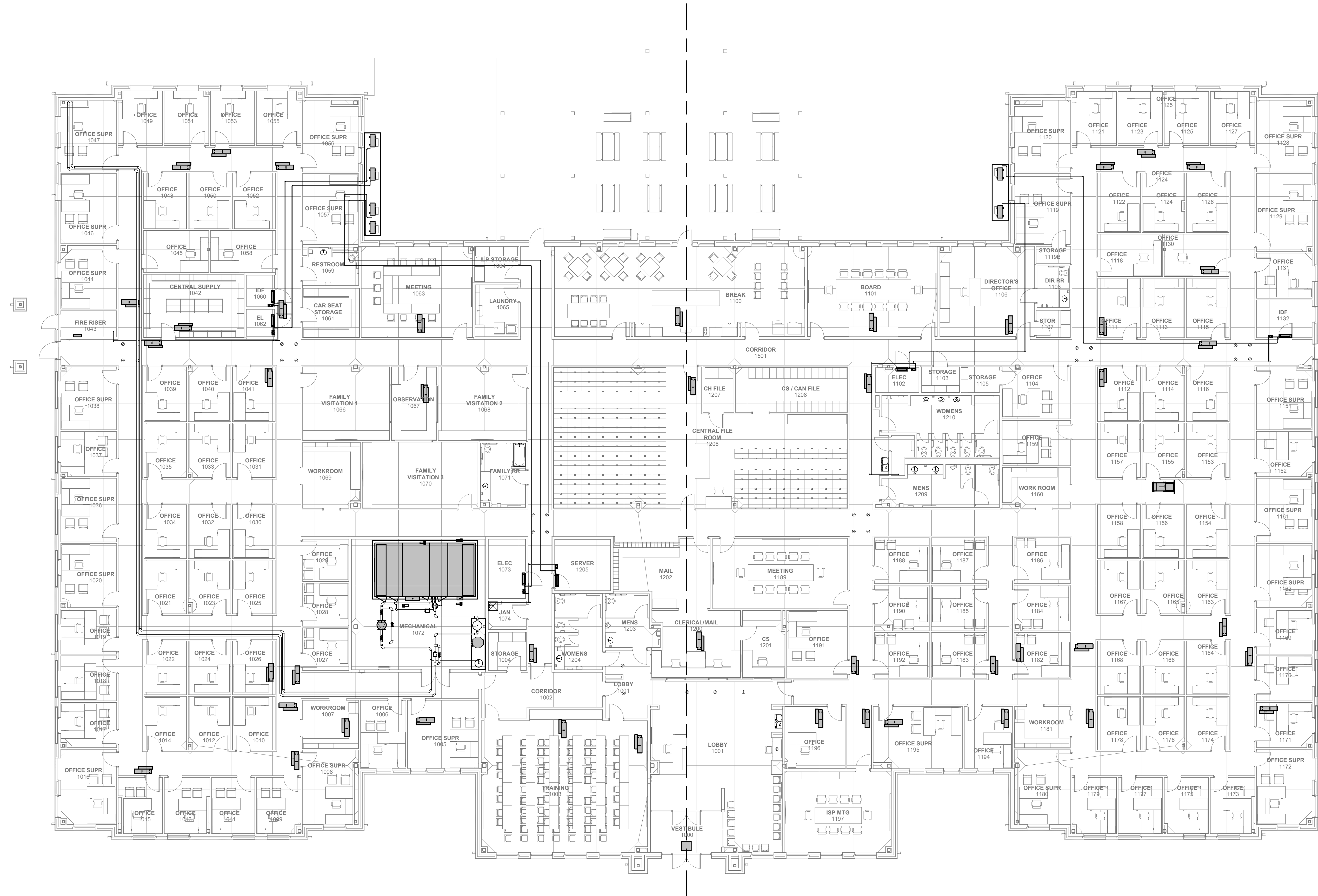


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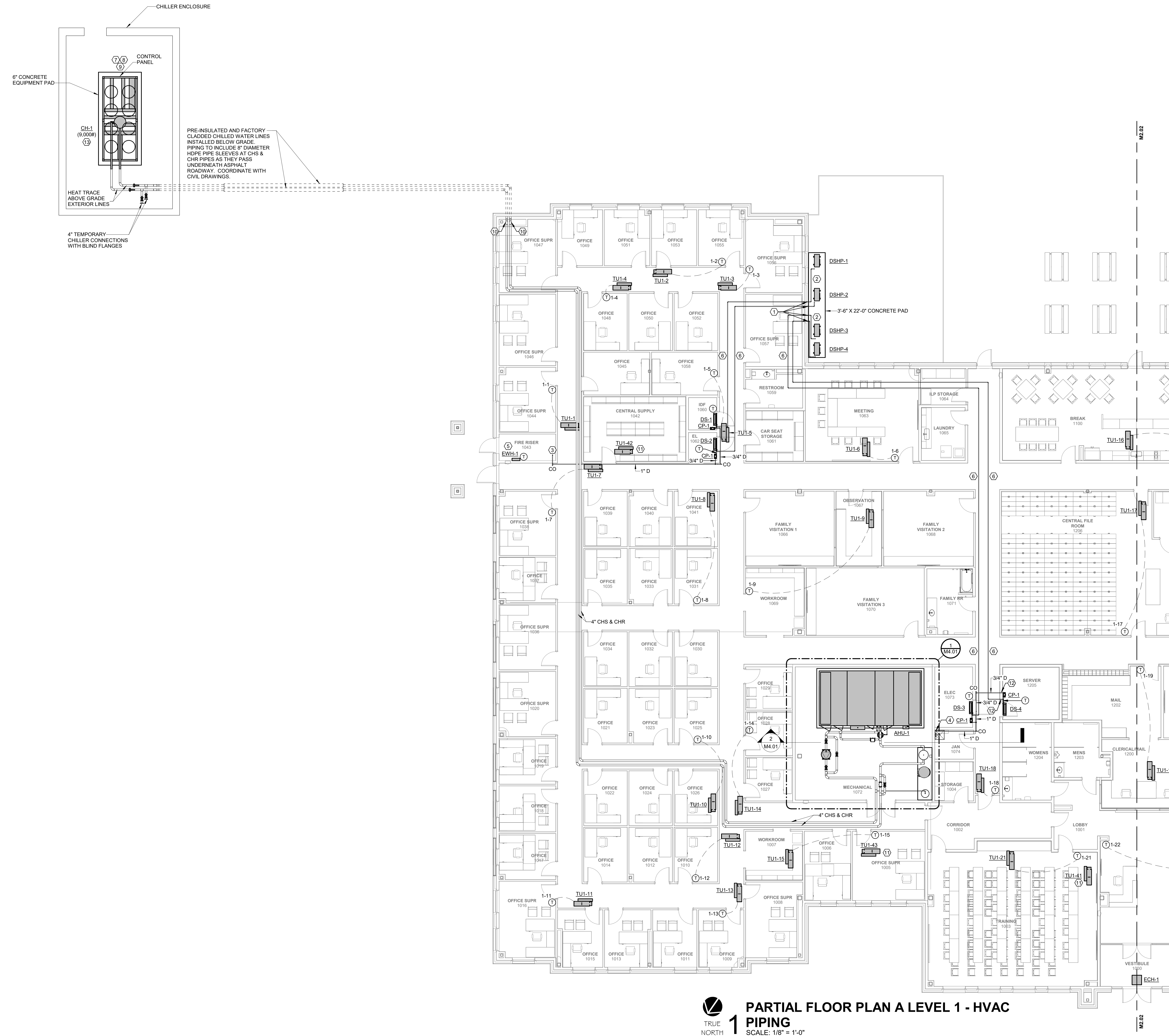


1 OVERALL FLOOR PLAN - LEVEL 1 - HVAC PIPING

SCALE: 3/32" = 1'-0"

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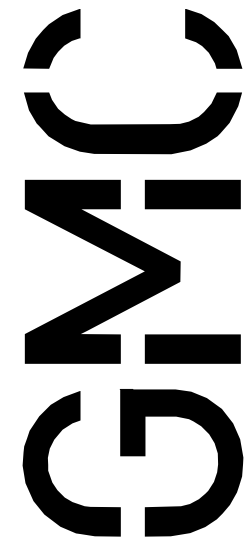
PARTIAL FLOOR PLAN A LEVEL 1 - HVAC PIPING
SCALE: 1/8" = 1'-0"

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- CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE TO THE BUILDING, EQUIPMENT, PIPING, SYSTEMS, ETC. RESULTING FROM CONSTRUCTION.

KEYED NOTES:

- ROUTE REFRIGERANT LINESSETS DOWN IN WALL. SEAL EXTERIOR PENETRATIONS WEATHER TIGHT.
- COAT ALL EXTERIOR INSULATED REFRIGERANT PIPING WITH ARMAFLEX WB FINISH OR APPROVED EQUAL. SEE SPECIFICATIONS.
- TERMINATE 1" PITCHED COPPER CONDENSATE PIPING AT HUB DRAIN. SEE PLUMBING DRAWINGS FOR DRAIN TERMINATION LOCATION.
- TERMINATE 3/4" PITCHED COPPER CONDENSATE PIPING AT JANITOR'S RECEPTOR. MAINTAIN 1" AIR GAP ABOVE LOWEST LIP OF RECEPTOR.
- INSTALL WALL-MOUNTED ELECTRIC HEATER AT 0'-9" AFF. COORDINATE FINAL LOCATION WITH FIRE PROTECTION REQUIREMENTS.
- REFRIGERANT LINE SETS, SIZES PER MANUFACTURER'S RECOMMENDATIONS.
- ANCHOR CHILLER TO CONCRETE PAD, MINIMUM EIGHT (8) PLACES.
- MAINTAIN A MINIMUM CLEARANCE OF 6'-0" ON ALL 4 SIDES OF CHILLER FOR AIRFLOW AND SERVICE CLEARANCES.
- PUMPS PROVIDED WITH CHILLER TO BE ELECTRICALLY HEAT TRACED.
- ROUTE 4" CHS & 4" CHR LINES WITHIN CHASE AND BELOW BUILDING FOOTER. COORDINATE INVERT ELEVATION WITH STRUCTURAL AND CIVIL. REFER TO DETAIL 9/M6.02 FOR LINK SEAL REQUIREMENTS AT FLOOR SLAB.
- REFER TO SHEET M3.00 FOR ASSOCIATED TEMPERATURE/HUMIDITY SENSOR LOCATION.
- SEAL PIPE PENETRATIONS WITH APPROVED FIRE CAULKING.
- SECURE CHILLER TO CONCRETE PAD AT ALL EIGHT (8) MOUNTING LOCATIONS WITH 5/8"x6"-LONG HOT-DIPPED GALVANIZED WEDGE ANCHOR BOLTS, UTILIZING ELASTOMERIC ISOLATORS PROVIDED WITH THE CHILLER.



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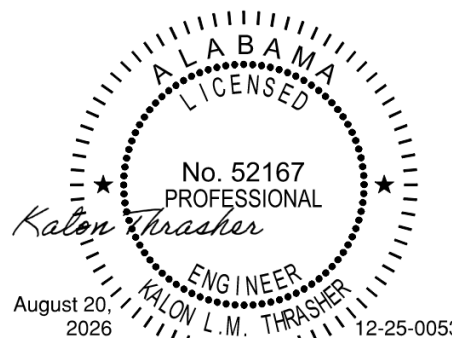


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PARTIAL FLOOR
PLAN A LEVEL 1 -
HVAC PIPING

M2.01
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GENERAL NOTES:

1. DRAWINGS ARE DIAGRAMMATIC AND ARE NOT TO BE USED FOR FABRICATION OF ANY DUCTWORK, PIPING, ETC. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING EXACT FIELD CONDITIONS AND PROVIDING SHOP AND COORDINATION SHOP DRAWINGS AS SPECIFIED. CONTRACTOR SHALL NOT PROCEED UNTIL AFTER OBTAINING APPROVAL FROM ARCHITECT.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE TO THE BUILDING, EQUIPMENT, PIPING, SYSTEMS, ETC. RESULTING FROM CONSTRUCTION.

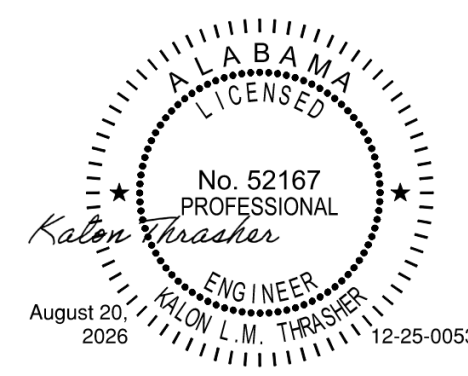
KEYED NOTES:

- ① ROUTE REFRIGERANT LINESETS DOWN IN WALL. SEAL EXTERIOR PENETRATION WEATHER TIGHT.
- ② COAT ALL EXTERIOR INSULATED REFRIGERANT PIPING WITH ARMAFLEX WB FINISH OR APPROVED EQUAL. SEE SPECIFICATIONS.
- ③ TERMINATE 1" PITCHED COPPER CONDENSATE PIPING AT HUB DRAIN. SEE PLUMBING DRAWINGS FOR DRAIN TERMINATION LOCATION.
- ④ REFRIGERANT LINE SETS, SIZES PER MANUFACTURER'S RECOMMENDATIONS.
- ⑤ REFER TO SHEET M3.00 FOR ASSOCIATED TEMPERATURE/HUMIDITY SENSOR LOCATION.

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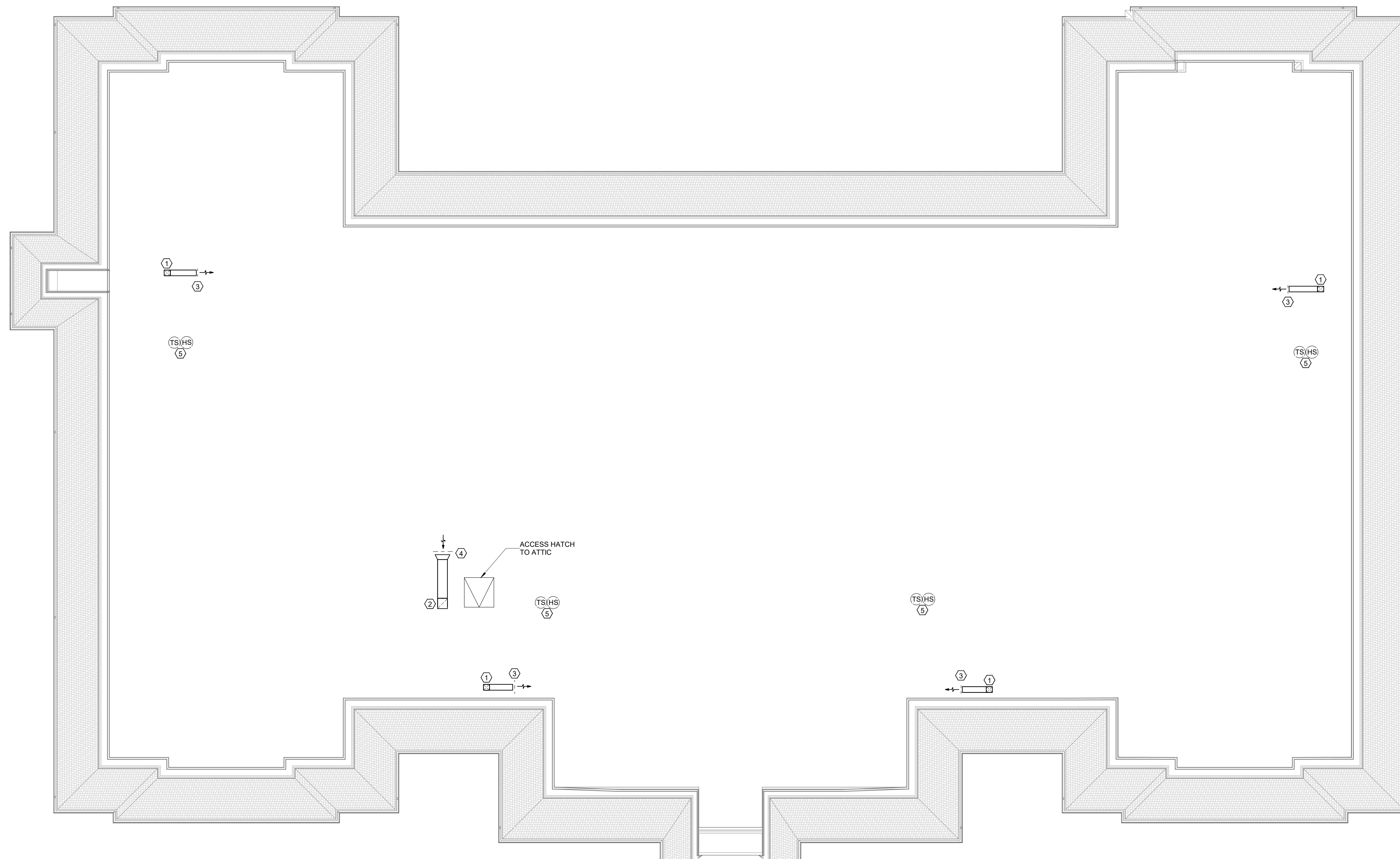
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OVERALL ATTIC PLAN - HVAC

M3.00



GENERAL NOTES:

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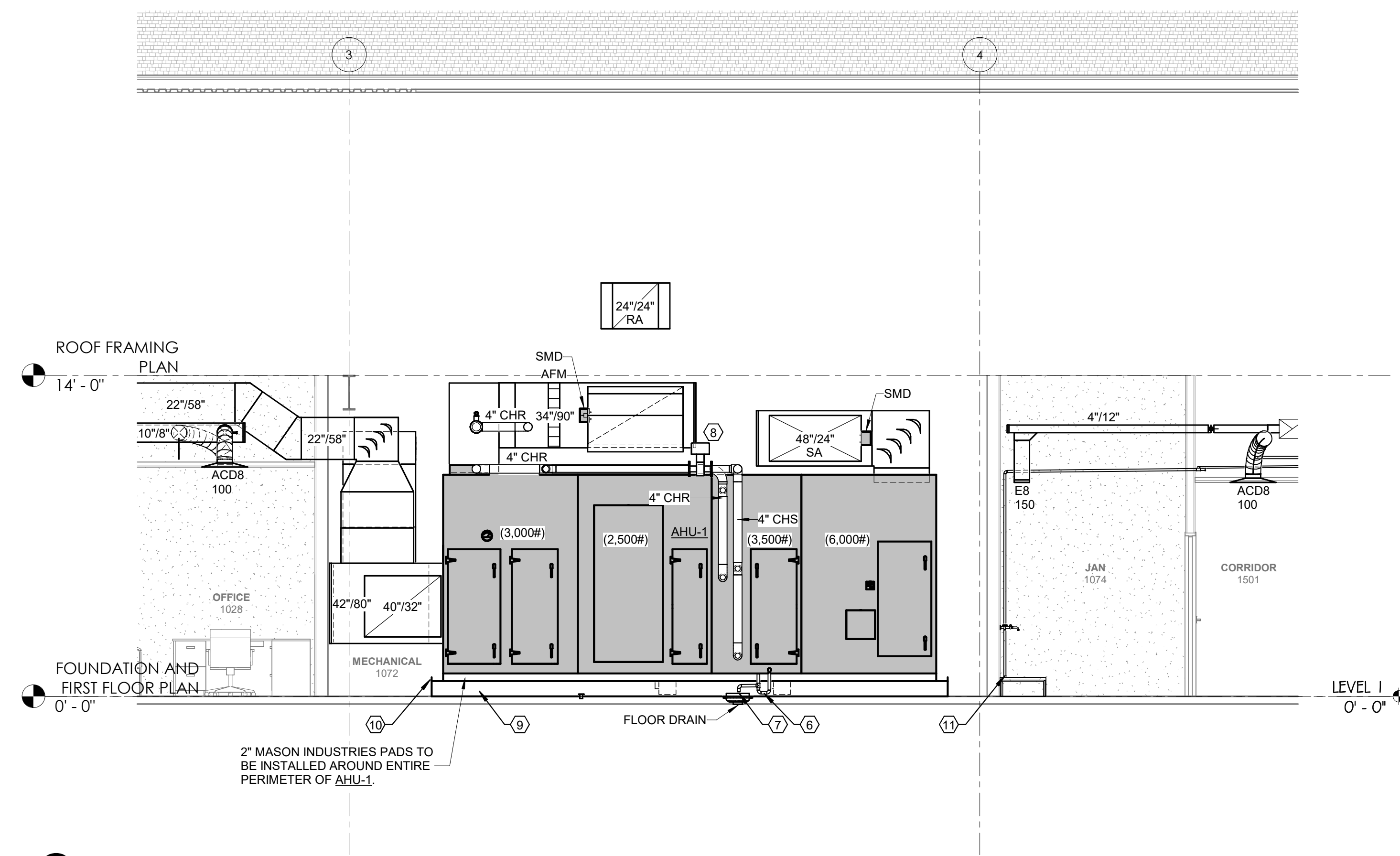
KEYED NOTES:

- ① 14"/14" SA FROM CEILING PLENUM BELOW.
- ② 24"/24" RA DOWN TO CEILING PLENUM.
- ③ 14"/14" OPENING. COVER WITH BIRDSCREEN.
- ④ 36"/24" OPENING. COVER WITH BIRDSCREEN. REFER TO DETAIL 2/M6.01.
- ⑤ MOUNT REMOTE TEMPERATURE SENSOR AND HUMIDITY SENSOR TO ROOF TRUSS. LOCATE THERMOSTAT IN MECHANICAL ROOM 1072.

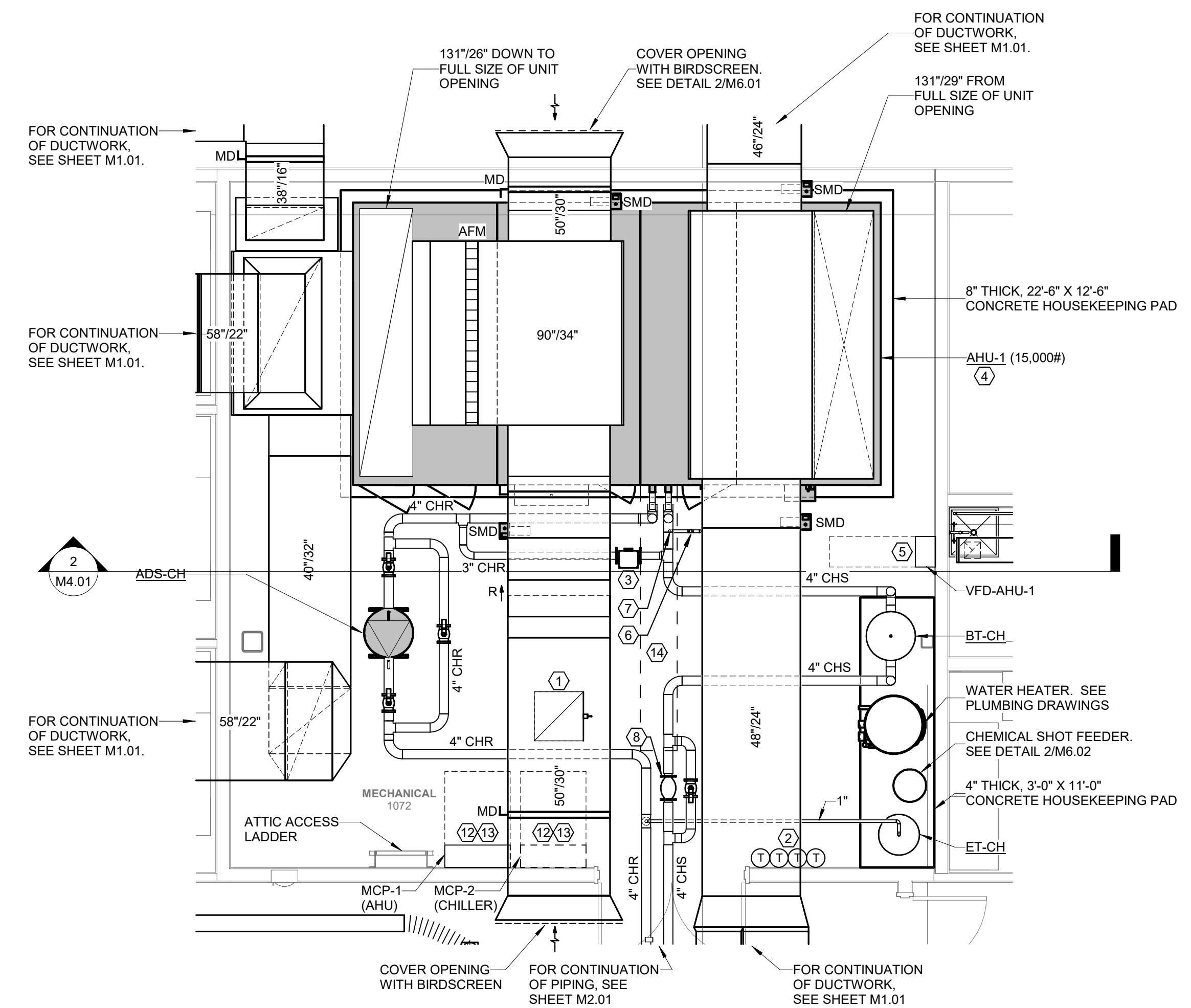


1 OVERALL ATTIC PLAN - HVAC

SCALE: 3/32" = 1'-0"



2 MECHANICAL ROOM ELEVATION VIEW



 TRUE NORTH

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ENLARGED FLOOR PLAN - MECHANICAL ROOM - HVAC

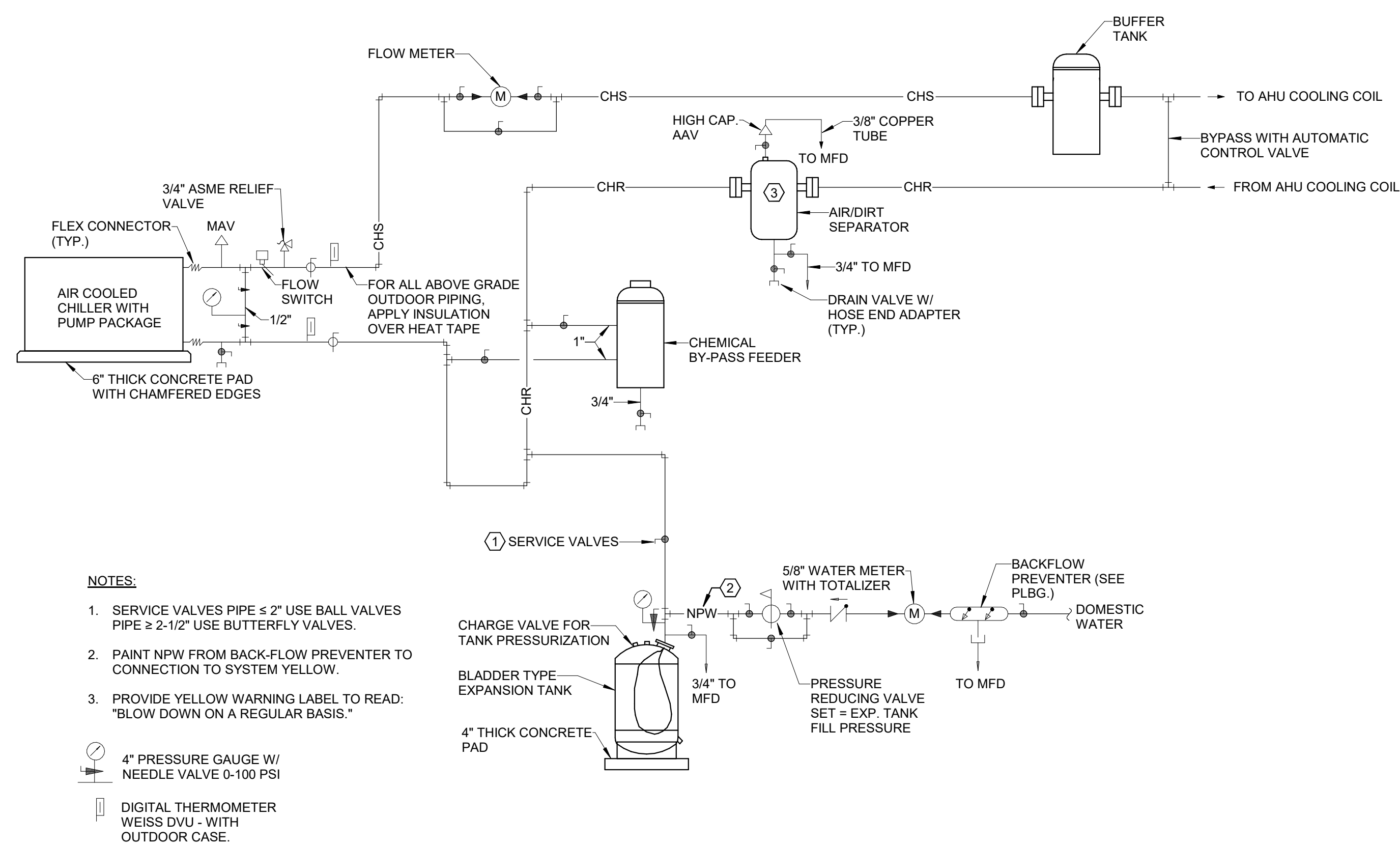
SCALE: 1/4" = 1'-0"

KEYED NOTES:

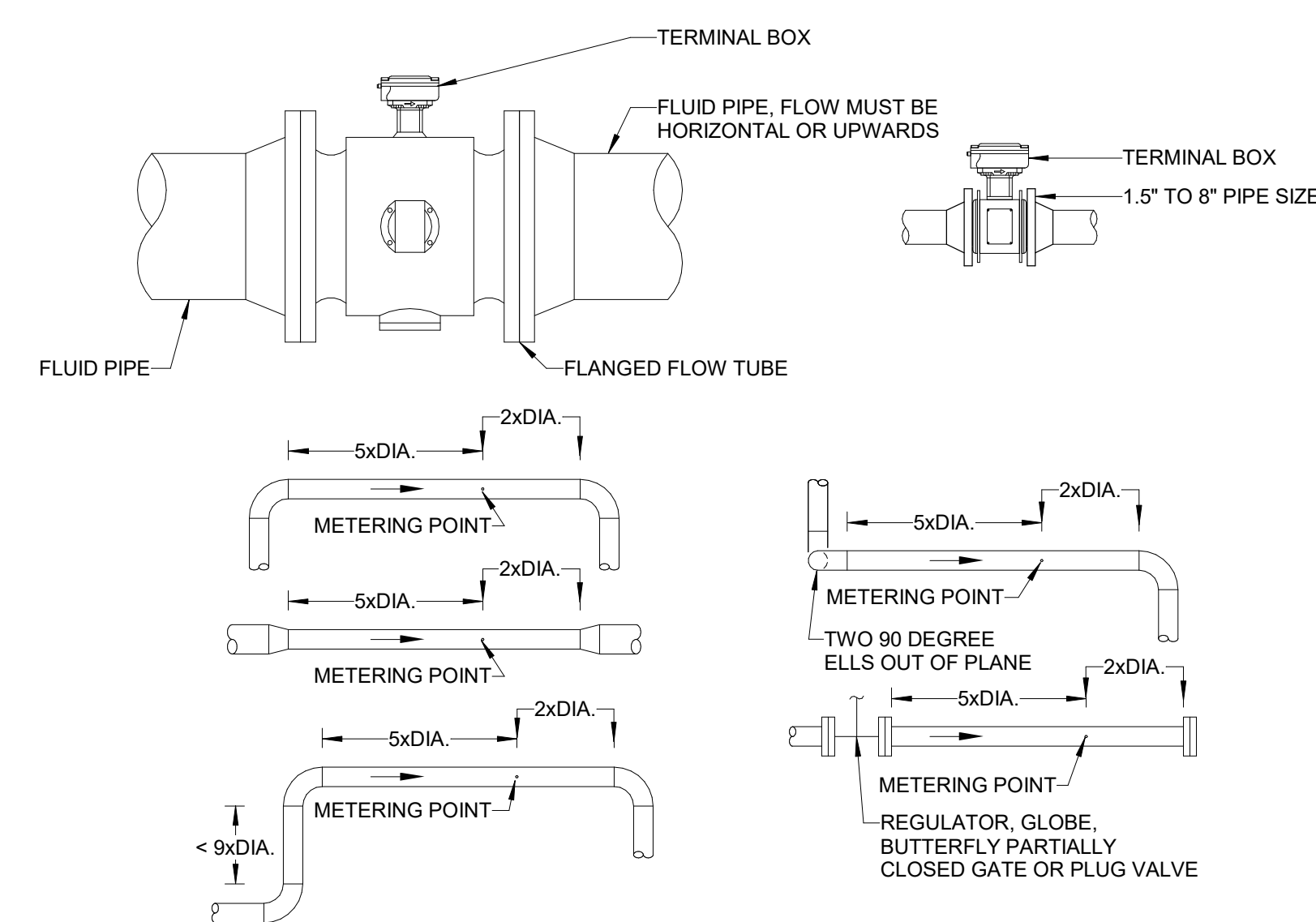
- ① 24"24" RA FROM ATTIC WITH ADJUSTMENT VOLUME DAMPER IN RISE.
- ② THERMOSTATS WITH SETPOINT ADJUSTMENT (TEMPERATURE AND HUMIDITY) SERVING TUI-42, TUI-43, TUI-44, AND TUI-45. REMOTE TEMPERATURE SENSORS LOCATED IN ATTIC. SEE ATTIC PLAN FOR LOCATIONS.
- ③ 3" BYPASS LINE WITH AUTOMATIC CONTROL VALVE.
- ④ UNIT TO BE SHIPPED FOR KNOCKDOWN CONSTRUCTION AND RE-ASSEMBLED ON SITE BY MECHANICAL CONTRACTOR.
- ⑤ MAINTAIN A MINIMUM OF 3'-6" CLEARANCE FOR MAINTENANCE ACCESSIBILITY PER THE NATIONAL ELECTRICAL CODE.
- ⑥ CONDENSATE DRAIN TRAP. REFER TO DETAIL 6M6.02.
- ⑦ TERMINATE 1 1/4" PITCHED COPPER CONDENSATE DRAIN AT FLOOR DRAIN.
- ⑧ FLOW METER. REFER TO DETAIL 4 ON THIS SHEET.
- ⑨ 8"-THICK CONCRETE HOUSEKEEPING PAD.
- ⑩ 2"-HIGH STAINLESS STEEL AUXILIARY DRAIN PAN, SAME SIZE AS CONCRETE HOUSEKEEPING PAD.
- ⑪ TERMINATE 3/4" PITCHED COPPER CONDENSATE PIPING AT JANITOR'S RECEPTOR. MAINTAIN 1" AIR GAP ABOVE LOWEST LIP OF RECEPTOR.
- ⑫ PROVIDE TWO ETHERNET DROPS TO MECHANICAL CONTROL PANEL. COORDINATE WITH ELECTRICAL CONTRACTOR.
- ⑬ MAINTAIN A MINIMUM OF 3'-0" CLEARANCE FOR MAINTENANCE AND ACCESSIBILITY.
- ⑭ MAINTAIN 130" IN LENGTH OF CLEARANCE FOR COIL PULL SPACE.

GENERAL NOTES:

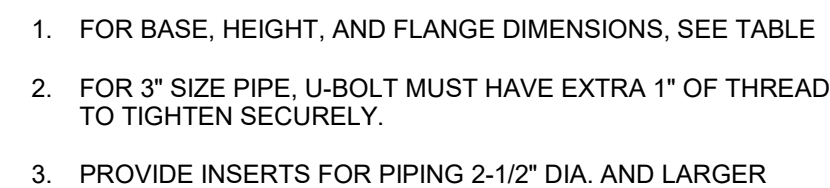
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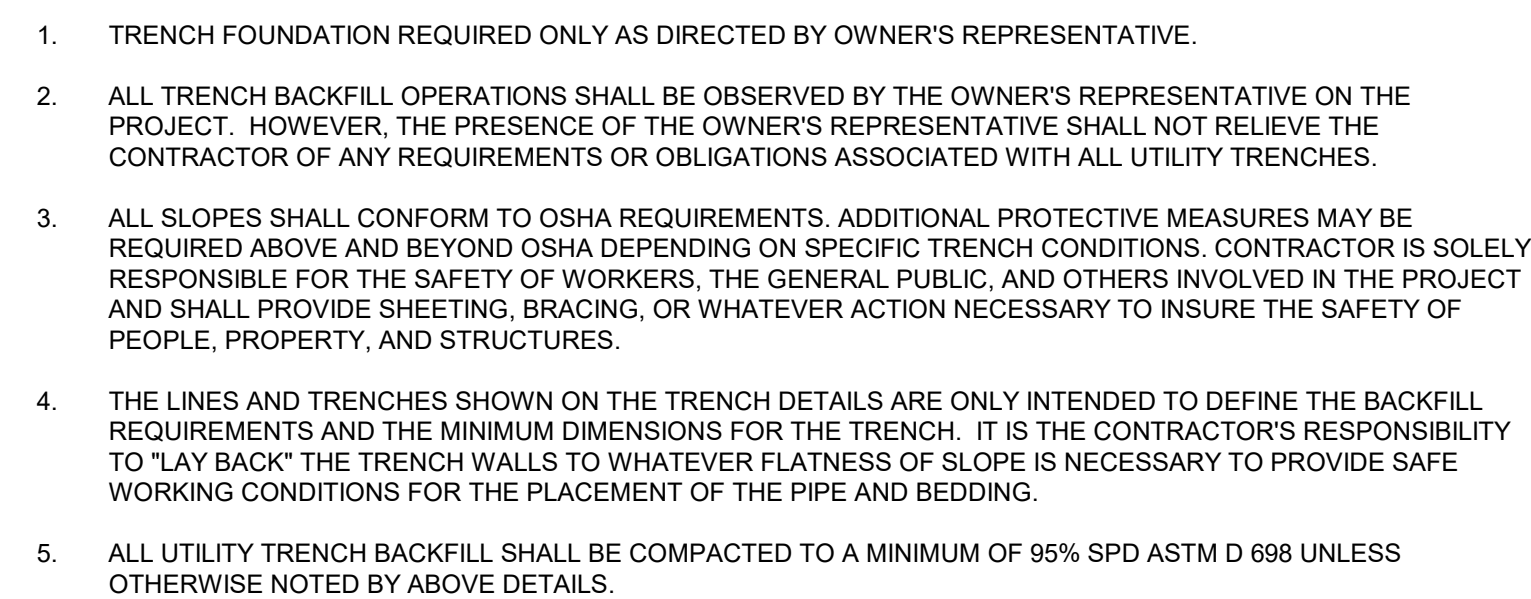
3 AIR COOLED CHILLER PIPING DETAIL



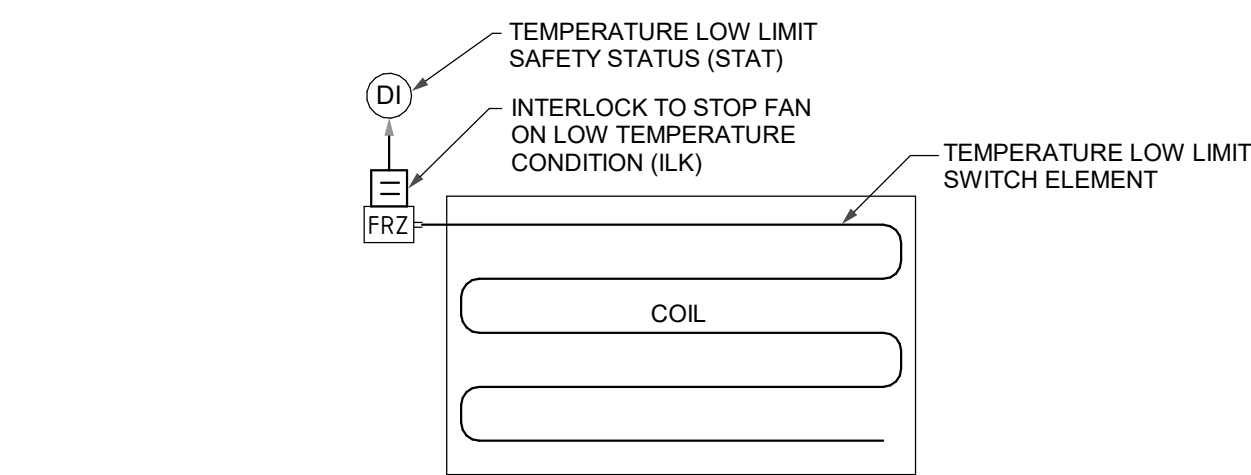
4 MAGNETIC FLOW METER DETAIL



8 FLOOR PIPE SUPPORT DETAIL



CONTROL LEGEND	
SYMBOL	DESCRIPTION
	VARIABLE FREQUENCY DRIVE WITH HAND - OFF - AUTO SWITCH
	MAGNETIC STARTER WITH HAND - OFF - AUTO SWITCH
	DISCONNECT SWITCH
	SMOKE DETECTOR
	SIGNAL TO FIRE ALARM SYSTEM
	SIGNAL FROM FIRE ALARM SYSTEM
	TEMPERATURE SENSOR, REMOTE BULB, SINGLE POINT WITH THERMOWELL AND ANALOG OUTPUT SIGNAL
	ROOM TEMPERATURE SENSOR WITH SETPOINT ADJUSTMENT AND ANALOG OUTPUT SIGNAL
	ROOM TEMPERATURE SENSOR WITH ANALOG OUTPUT SIGNAL
	TEMPERATURE SENSOR, REMOTE BULB, AVERAGING WITH ANALOG OUTPUT SIGNAL. SEE CONTROL SPECIFICATION NOTE # 18.
	TEMPERATURE SENSOR, REMOTE BULB, SINGLE POINT WITH ANALOG INPUT
	ROOM THERMOSTAT ELECTRONIC OR ELECTRIC
	FREEZE/STAT WITH AVERAGING BULB. SEE CONTROL SPECIFICATION NOTE # 18.
	FREEZE/STAT WITH AVERAGING BULB AND AUX CONTACTS FOR STATUS INDICATION. SEE CONTROL SPECIFICATION NOTE # 18.
	FLOW SWITCH
	DIGITAL INPUT
	DIGITAL OUTPUT
	ANALOG INPUT
	ANALOG OUTPUT
	HUMIDITY SENSOR WITH ANALOG OUTPUT SIGNAL
	HUMIDISTAT W/ADJ. SETPOINT
	NORMALLY OPEN CONTACTS
	NORMALLY CLOSED CONTACTS
	MOTORIZED CONTROL VALVE - 2 WAY
	MOTORIZED CONTROL VALVE - 3 WAY
	MANUAL DAMPER
	DAMPER (OPPOSED BLADES) WITH END SWITCH
	MOTORIZED DAMPER WITH OPPOSED BLADES
	AIR FLOW MONITOR - PROVIDE ACCESS DOOR UPSTREAM OF DEVICE
	DUCT STATIC PRESSURE TRANSMITTER
	DIFFERENTIAL PRESSURE SWITCH - ON PIPING SYSTEM PROVIDE BALL OR NEEDLE ISOLATION VALVES
	ADJUSTABLE CURRENT SENSOR



- NOTES:
- A MANUAL RESET TEMPERATURE LOW LIMIT (TLL) SWITCH WITH DPST OR DPDT CONTACTS FOR HARDWARE INTERLOCK TO FANS AND DDC MONITORING SHALL BE PROVIDED. CONTACTS SHALL INCLUDE OPEN ON ALARM CONTACT FOR FAN SHUTDOWN AND A CLOSE ON ALARM CONTACT FOR ALARM STATUS.
 - TEMPERATURE LOW LIMIT SHALL HAVE ONE FOOT OF ELEMENT LENGTH PER ONE SQUARE FOOT OF COIL SURFACE, EVENLY DISTRIBUTED OVER THE COIL SURFACE AS SHOWN IN DETAIL.
 - MULTIPLE TEMPERATURE LOW LIMIT SWITCHES MAY BE REQUIRED TO MEET THE ONE FOOT OF ELEMENT PER ONE SQUARE FOOT OF COIL SURFACE AND IN THIS EVENT THE MULTIPLE TEMPERATURE LOW LIMIT SWITCHES SHALL BE WIRED IN SERIES FOR FAN SHUTDOWN AND WIRED IN PARALLEL FOR ALARM STATUS.
 - INTERLOCK WIRING FROM THE TEMPERATURE LOW LIMIT SWITCH TO THE FAN CONTROLLER IS BY DIVISION 25.
 - TEMPERATURE LOW LIMIT SWITCH SHALL BE INSTALLED PER MANUFACTURER RECOMMENDATIONS AT REGULAR INTERVALS NOTED TO COVER THE ENTIRE COIL.
 - TEMPERATURE LOW LIMIT (TLL) SWITCHES SHALL HAVE SETPOINT ADJUSTMENT AND MANUAL RESET AT THE SWITCH.
 - TEMPERATURE LOW LIMIT SWITCH SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS IN A MANNER TO PREVENT THE ELEMENT FROM BEING DAMAGED FROM VIBRATION.

AHU TEMPERATURE LOW LIMIT SWITCH DETAIL

SCALE: NONE

- CONTROL SPECIFICATION GENERAL NOTES:
- SEE SPECIFICATION SECTIONS FOR ADDITIONAL SYSTEM REQUIREMENTS.
 - SUBMIT COMPLETE CONTROL AND POWER WIRING DIAGRAMS FOR APPROVAL BEFORE INSTALLING CONTROLS. CONTROL DIAGRAMS ON DRAWINGS ARE INTENDED TO INDICATE, IN GENERAL, CONTROL ARRANGEMENTS. PROVIDE ALL INSTRUMENTS, RELAYS, OPERATORS, SWITCHES, ETC. REQUIRED TO ACCOMPLISH CONTROL SEQUENCES WHETHER OR NOT SUCH DEVICES ARE ACTUALLY SHOWN ON CONTROL DIAGRAMS.
 - INCLUDE ALL CONTROL AND INTERLOCK WIRING AND POWER WIRING FOR CONTROL PANELS AND CONTROL DEVICES, UNLESS OTHERWISE SHOWN ON THE ELECTRICAL DRAWINGS.
 - INSTALL ALL CONTROL WIRING IN MECH. ROOMS AND THE ATTIC (INCLUDING LOW VOLTAGE WIRING) IN CONDUIT. LABEL CONTROL CONDUIT PER FACILITY STANDARDS.
 - ALL WIRING AND CONDUIT SHALL BE FURNISHED AND INSTALLED IN STRICT ACCORDANCE WITH ELECTRICAL.
 - SMOKE DETECTORS: FURNISHED AND WIRED UNDER DIVISION 26.
 - LOCATIONS OF CONTROL PANELS TO BE FIELD VERIFIED BY THE CONTRACTOR. COORDINATE POWER REQUIREMENTS WITH ELECTRICAL.
 - THE NEW BUILDING AUTOMATION CONTROL SYSTEM (BAS) SHALL BE A WEB-BASED DIRECT DIGITAL CONTROL SYSTEM.
 - CONTRACTOR TO PROVIDE GRAPHICAL INTERFACE TO WEB-BASED CONTROL SYSTEM FOR ALL CONTROLS INSTALLED UNDER THIS CONTRACT.
 - CONTROL CONTRACTOR TO PROVIDE 24V TRANSFORMERS AT CONTROL PANEL IN MECHANICAL ROOM AND ROUTE LOW VOLTAGE CONTROL POWER TO ALL AIR TERMINAL UNITS. CONTROL PANELS SHALL BE BACNET IP.
 - OBTAIN BUILDING OPERATING SCHEDULE FROM OWNER IN WRITING AND SET EQUIPMENT OPERATION SCHEDULES ACCORDINGLY. SET THERMOSTAT SOFTWARE PARAMETERS AND SETPOINT LIMITATIONS PER OWNER'S DIRECTION. PROVIDE SIGNED LETTER FROM OWNER THIS HAS BEEN DONE.
 - CONTROL SYSTEM IS TO BE A COMPLETE CONTROL SYSTEM. PROVIDE ALL HARDWARE, SOFTWARE AND PROGRAMMING REQUIRED TO MAKE COMPLETE SYSTEM.
 - DAMPERS AND ACTUATORS: ACTUATORS SHALL BE DIRECT-COUPLED, SPRING-RETURN AS MANUFACTURED BY BELIMO. ROUND DAMPERS SHALL BE RUSKIN CDRS25 WITH BLADE EDGE SEAL AND MAXIMUM LEAKAGE OF 0.15 CFM PER INCH BLADE CIRCUMFERENCE AT 4-INCHES W.C. PRESSURE DIFFERENTIAL. RECTANGULAR DAMPERS SHALL BE RUSKIN RCD45 WITH BLADE EDGE SEALS AND MAXIMUM LEAKAGE OF 10 CFM PER SQ. FT. AT 4-INCHES W.C. PRESSURE DIFFERENTIAL.
 - THERMOSTATS FOR FANS AND ELECTRIC HEATERS, JOHNSON CONTROLS MODEL T26. HEATING THERMOSTATS SHALL HAVE LIMITED RANGE OF 40F TO 75F. COOLING THERMOSTATS SHALL HAVE LIMITED RANGE OF 78F TO 90F. THERMOSTATS SHALL BE LABELED "HEATING" OR "VENTILATION" AND INDICATE UNITS SERVED.
 - AVERAGING TEMPERATURE SENSOR SHALL HAVE ONE FOOT OF ELEMENT LENGTH PER THREE SQUARE FEET OF COIL SURFACE EVENLY DISTRIBUTED OVER THE COIL SURFACE. MULTIPLE AVERAGING TEMPERATURE SENSORS MAY BE REQUIRED TO MEET THE ONE FOOT OF ELEMENT PER THREE SQUARE FEET OF COIL SURFACE AND IN THIS EVENT THE MULTIPLE AVERAGING TEMPERATURE SENSORS SHALL BE WIRED TO PROVIDE THE CORRECT AVERAGE TEMPERATURE TO THE DDC SYSTEM. AVERAGING TEMPERATURE SENSORS SHALL BE INSTALLED PER MANUFACTURER RECOMMENDATIONS AT REGULAR INTERVALS TO COVER THE ENTIRE COIL.
 - TEST PORTS - COORDINATE WITH MECHANICAL CONTRACTOR TO INSTALL TEST PORTS FOR HAND-HELD INSTRUMENT READINGS NEAR ALL PIPING PRESSURE AND TEMPERATURE SENSORS. COORDINATE REQUIREMENTS WITH SPECIFICATION, SECTION "METERS AND GAUGES."
 - PROVIDE DUCT ACCESS DOORS UPSTREAM OF ALL DUCT MOUNTED AIR FLOW MONITORING STATIONS.
 - WEB-BASED USER INTERFACE (INCLUDING DATA COLLECTION AND TRENDING CAPABILITIES) SHALL BE FULLY OPERATIONAL AND ACCESSIBLE REMOTELY PRIOR TO BUILDING FINAL INSPECTION. REMOTE CHECK-OUT OF BUILDING AUTOMATION SYSTEM SHALL BE PART OF THE FINAL INSPECTION PROCESS.
 - CONTRACTOR TO VERIFY LOCATIONS OF ALL TEMPERATURE/HUMIDITY/PRESSURE SENSORS WITH ENGINEER/OWNER PRIOR TO ROUGH-IN.

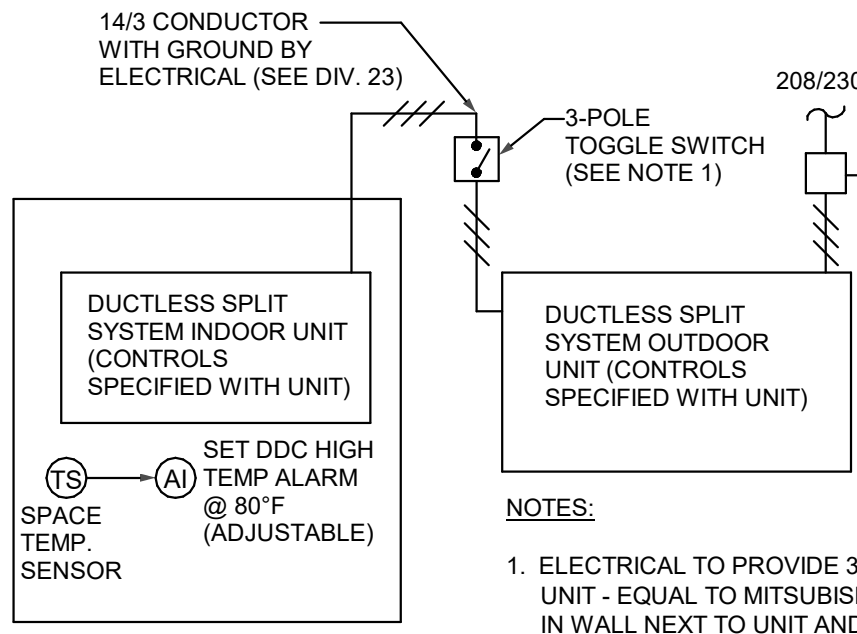
- CONTROL SEQUENCE - UNOCCUPIED HIGH/LOW LIMITS
- BAS SHALL COMMAND ON THE UNIT CONTROLS BASED ON A 365 DAY PER YEAR, TIME-OF-DAY SCHEDULE, WHICH IS ADJUSTED BY OPTIMUM START AND SCHEDULED STOP PROGRAM CALCULATIONS. ONCE COMMANDED ON, UNIT CONTROLS SHALL REMAIN ENABLED FOR A MINIMUM OF 30 MINUTES.
 - BAS SHALL COMMAND ON THE BUILDING CONTROLS PRIOR TO OCCUPANCY TIME AS DETERMINED BY THE OPTIMUM START CALCULATION. THE PERIOD BETWEEN UNIT START AND OCCUPANCY TIME IS REFERRED TO AS THE SPACE PRE-CONDITIONING PERIOD. AT THE END OF THIS PERIOD, THE OCCUPIED MODE BEGINS AND CONTINUES UNTIL THE BUILDING CONTROLS ARE DISABLED. THE BAS SHALL STOP THE BUILDING CONTROLS AT THE END OF THE OCCUPANCY TIME AS DETERMINED BY THE TIME OF DAY SCHEDULE.
 - IF OUTDOOR TEMPERATURE IS ABOVE 60F (ADJUSTABLE) THE OPTIMUM START CALCULATIONS ARE BASED ON COOLING CONDITIONS, OTHERWISE THEY ARE BASED ON HEATING CONDITIONS.
 - UNOCCUPIED LIMITS:
CONTRACTOR TO SELECT 4 TYPICAL TERMINAL UNIT TEMPERATURE SENSORS FOR AHU'S UNOCCUPIED AND OPTIMUM START SEQUENCES.

LOW TEMPERATURE LIMIT: WHEN THE DDC SCHEDULE IS IN THE UNOCCUPIED MODE AND SPACE TEMPERATURE FALLS BELOW 55F (ADJUSTABLE) THE UNIT CONTROLS SHALL BE ENERGIZED AND STAY ON UNTIL THE SPACE TEMPERATURE RISES BY 5F (ADJUSTABLE).

HIGH TEMPERATURE LIMIT: WHEN THE DDC SCHEDULE IS IN THE UNOCCUPIED MODE AND SPACE TEMPERATURE RISES ABOVE 85F (ADJUSTABLE) THE UNIT CONTROLS SHALL BE ENERGIZED AND STAY ON UNTIL THE SPACE TEMPERATURE FALLS BY 5F (ADJUSTABLE).

HIGH HUMIDITY LIMIT: WHEN THE DDC SCHEDULE IS IN THE UNOCCUPIED MODE AND SPACE RELATIVE HUMIDITY RISES ABOVE 60% RH (ADJUSTABLE) THE UNIT CONTROLS SHALL BE ENERGIZED AND STAY ON UNTIL THE SPACE RELATIVE HUMIDITY FALLS BY 5% (ADJUSTABLE).

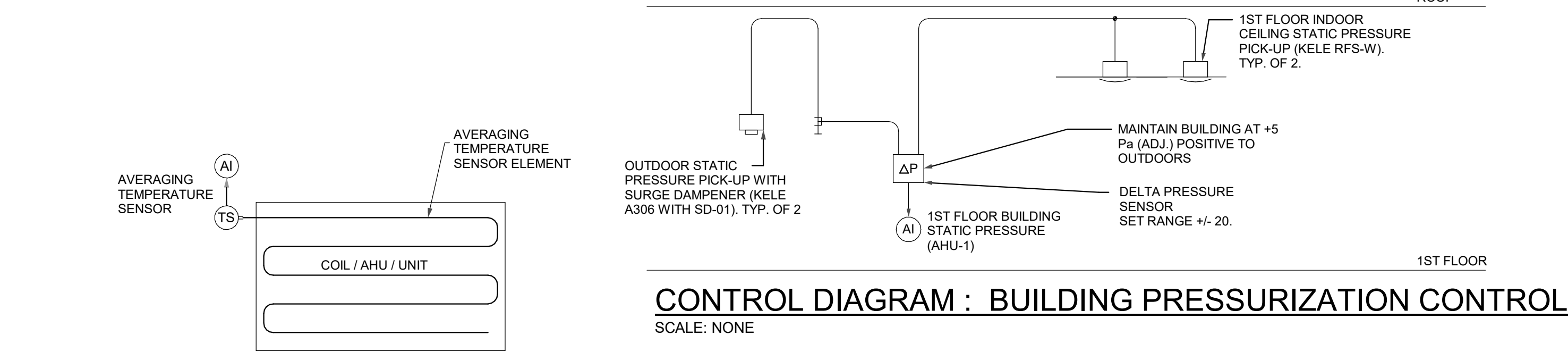
- CONTROLS - AS-BUILT DRAWINGS & MANUALS
- GENERAL CONTROL NOTES:
- THE ELECTRONIC VERSION OF THE AS-BUILT CONTROLS DRAWINGS AND MANUALS SHOULD BE PROVIDED AND INSTALLED ON THE BAS SERVER AND A LINK SHOULD BE PROVIDED ON THE MAIN GRAPHIC PAGE. ALL DUCT STATIC PRESSURE SENSOR LOCATIONS SHALL BE LOCATED ON BOTH THE BAS SERVER AND AS-BUILT DRAWINGS.
- AN ELECTRONIC VERSION OF THE AS-BUILT PROJECT DRAWINGS SHOULD BE PROVIDED TO MAINTENANCE.



CONTROL DIAGRAM - DUCTLESS SPLIT SYSTEM

SCALE: NONE
TAGS: DS-1, DS-2, DS-3, DS-4, DS-5, DS-6

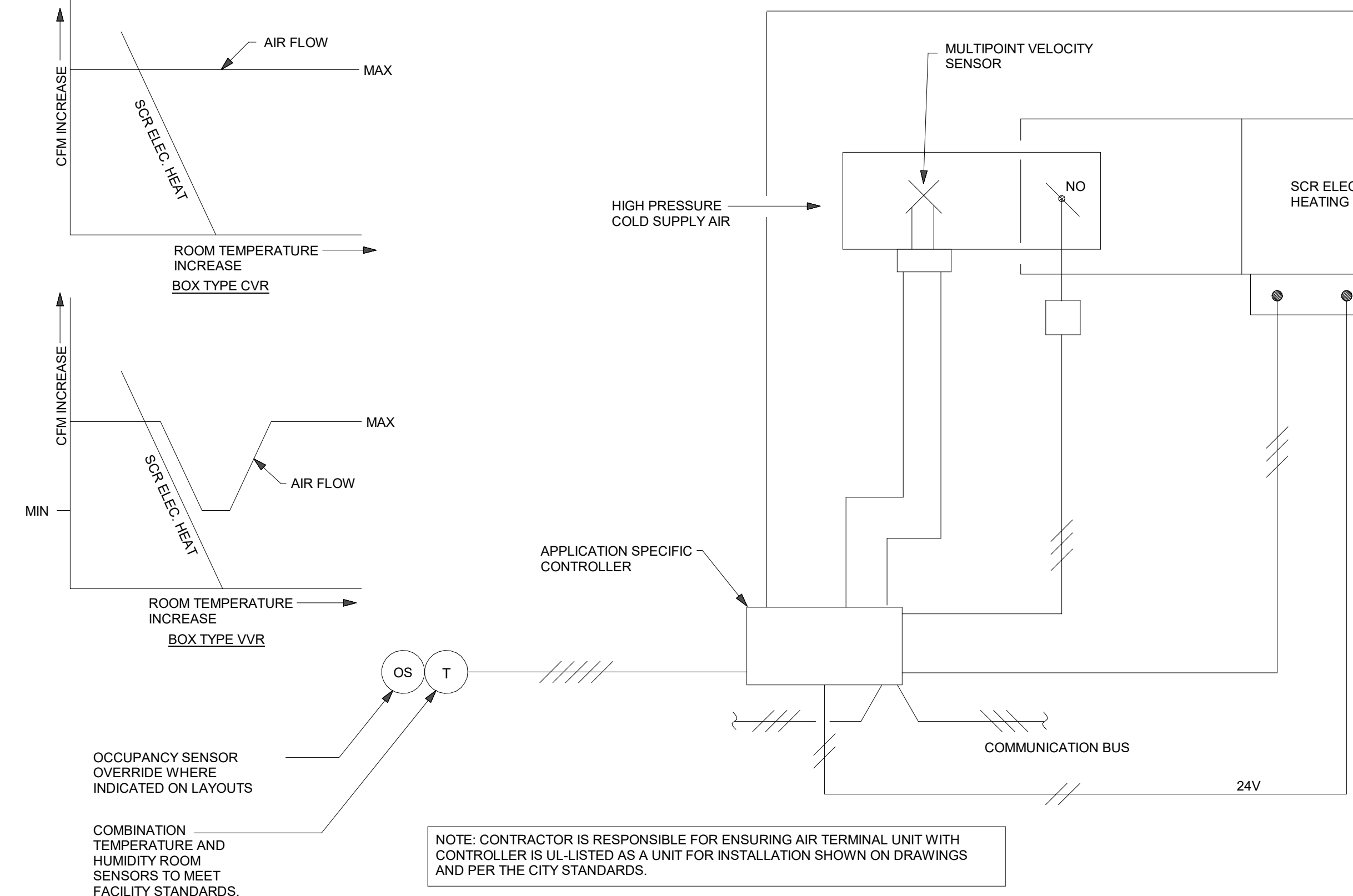
- DUCTLESS SPLIT SYSTEMS
- CONTROL SEQUENCE - DUCTLESS SPLIT SYSTEMS
- EACH DUCTLESS SPLIT SYSTEM AC UNIT SHALL HAVE CONTROLS SPECIFIED WITH UNIT. UNIT SHALL CYCLE FAN AND COOLING OPERATION TO MAINTAIN SPACE TEMPERATURE SETPOINT.
- THE BAS SHALL MONITOR SPACE TEMPERATURE IN SPACES SERVED BY DUCTLESS SPLIT SYSTEM UNITS. THE BAS SHALL ACTIVATE AN ALARM AT THE USER INTERFACE IF SPACE TEMPERATURE EXCEEDS 80 DEGREES F (ADJUSTABLE).



- NOTES:
- AVERAGING TEMPERATURE SENSOR SHALL HAVE ONE FOOT OF ELEMENT LENGTH PER THREE SQUARE FOOT OF COIL / UNIT SURFACE EVENLY DISTRIBUTED OVER THE COIL / UNIT SURFACE AS SHOWN IN DETAIL.
 - MULTIPLE AVERAGING TEMPERATURE SENSORS MAY BE REQUIRED TO MEET THE ONE FOOT OF ELEMENT PER TWO SQUARE FOOT OF COIL / UNIT SURFACE AND IN THIS EVENT THE MULTIPLE AVERAGING TEMPERATURE SENSORS SHALL BE WIRED TO PROVIDE THE CORRECT AVERAGE TEMPERATURE TO THE DDC SYSTEM.
 - AVERAGING TEMPERATURE SENSORS SHALL BE INSTALLED PER MANUFACTURER RECOMMENDATIONS AT REGULAR INTERVALS TO COVER THE ENTIRE COIL / UNIT.
 - AVERAGING TEMPERATURE SENSORS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS IN A MANNER TO PREVENT THE ELEMENT FROM BEING DAMAGED FROM VIBRATION.

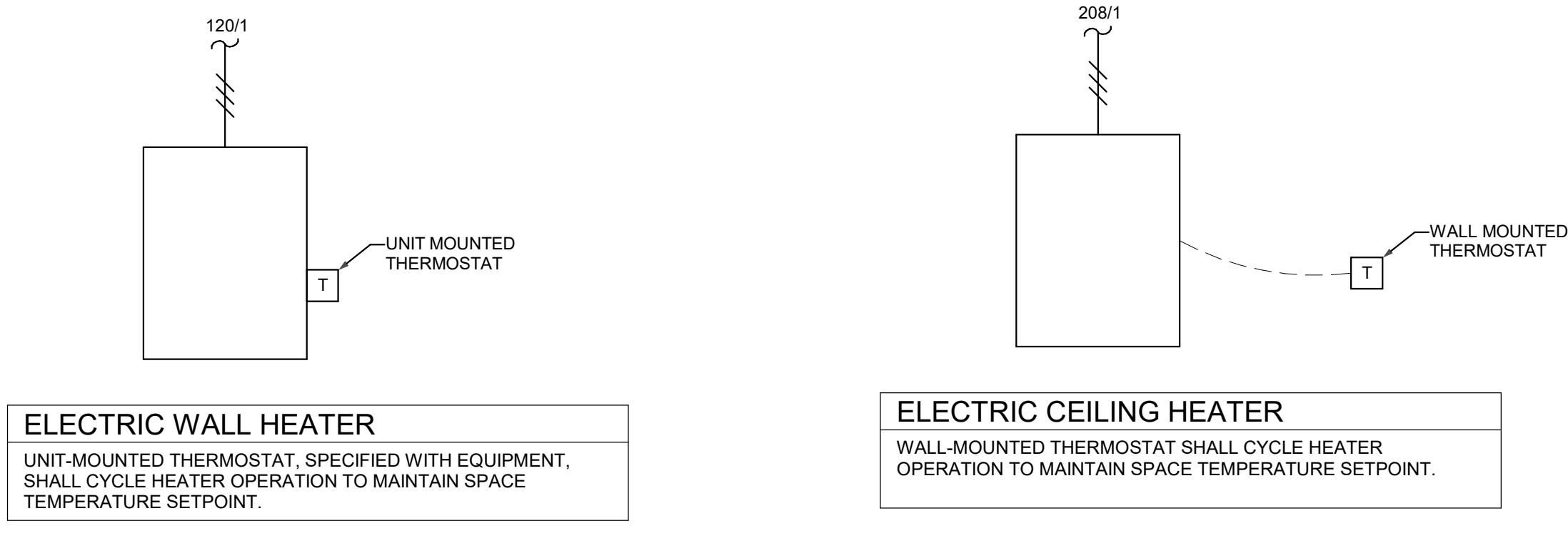
AHU DUCT AVERAGING TEMPERATURE SENSOR DETAIL

SCALE: NONE



AIR TERMINAL CONTROL DIAGRAM - ELECTRIC REHEAT

SCALE: NONE



- ELECTRIC WALL HEATER
- UNIT-MOUNTED THERMOSTAT, SPECIFIED WITH EQUIPMENT, SHALL CYCLE HEATER OPERATION TO MAINTAIN SPACE TEMPERATURE SETPOINT.

ELECTRIC WALL HEATER CONTROL

SCALE: NONE

- ELECTRIC CEILING HEATER
- WALL-MOUNTED THERMOSTAT SHALL CYCLE HEATER OPERATION TO MAINTAIN SPACE TEMPERATURE SETPOINT.

ELECTRIC CEILING HEATER CONTROL

SCALE: NONE

AIR TERMINAL UNIT CONTROLS:

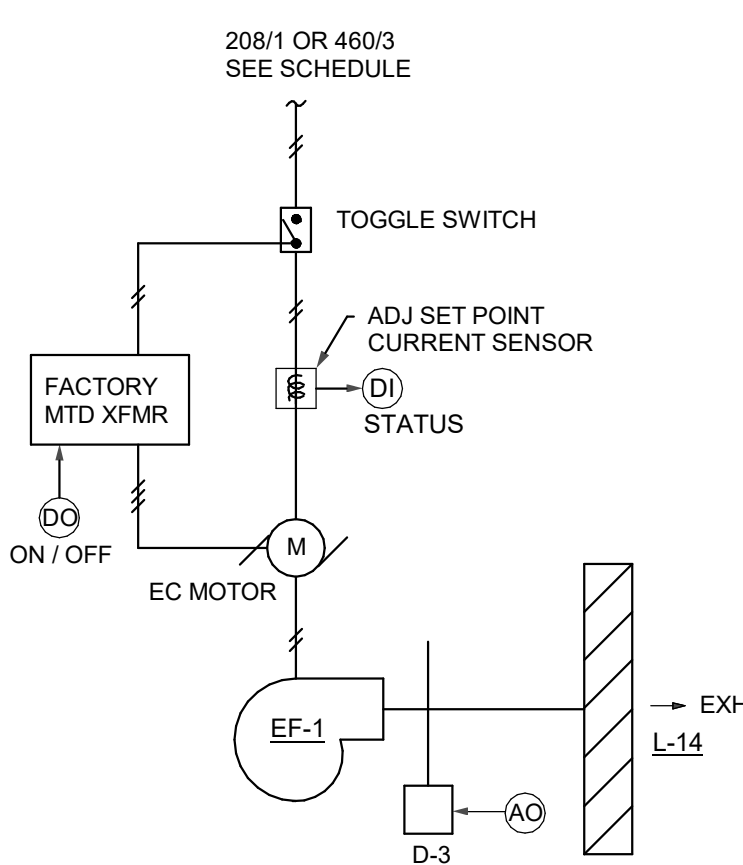
- AIR TERMINAL UNITS
- AIR TERMINAL UNITS TO BE CONTROLLED BY THE BAS.
 - TERMINAL UNITS TO HAVE SEPARATE HEATING AND COOLING SETPOINTS FOR OCCUPIED AND UNOCCUPIED MODES AND SEPARATE HEATING AND COOLING MINIMUM AND MAXIMUM AIR FLOW SETPOINTS.
 - TERMINAL UNIT TEMPERATURE SENSOR SETPOINTS SHALL BE SOFTWARE-LIMITED TO RANGE FROM 68F TO 75F.
 - VVR AIR TERMINALS - VARIABLE VOLUME REHEAT:
A. AN INCREASE IN ROOM TEMPERATURE OVER COOLING SETPOINT CAUSES AIRFLOW TO INCREASE LINEARLY UP TO COOLING MAXIMUM. WHEN SPACE TEMPERATURE IS BELOW COOLING SETPOINT, AIRFLOW IS AT BOX MINIMUM.
B. A DECREASE IN ROOM TEMPERATURE BELOW THE HEATING SETPOINT CAUSES AIRFLOW TO MODULATE TO MATCH SCR ELECTRIC HEAT.
 - CVR AIR TERMINALS - CONSTANT VOLUME REHEAT:
A. AIRFLOW IS CONSTANT. A DECREASE IN ROOM TEMPERATURE BELOW THE HEATING SETPOINT CAUSES SCR ELECTRIC HEATER TO MODULATE TO MAINTAIN SPACE TEMPERATURE SETPOINT.
B. ROOM SENSOR OVERRIDE BUTTON SHALL SEQUENCE AIR HANDLER INTO OCCUPIED MODE FOR FOUR HOURS (ADJUSTABLE).

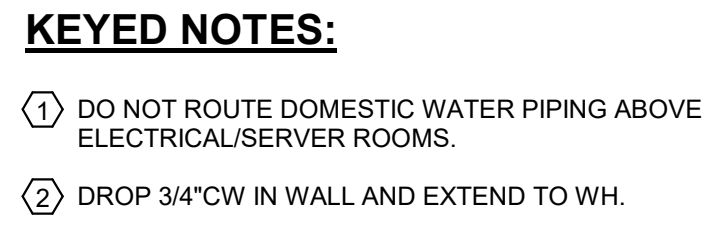
EXHAUST FAN CONTROLS WITH ECM MOTOR

SCALE: NONE

CONTROL SEQUENCE - EXHAUST FAN WITH EC MOTOR

- EXHAUST FAN IS ENABLED AND DISABLED BY THE BAS AND INTERLOCKED WITH AHU-1. DAMPER D-3 SHALL BE POWERED OPEN WHEN FAN IS ENABLED. THE FAN SPEED IS ADJUSTED BY THE TAB AGENCY AT THE MOTOR MOUNTED SPEED DIAL.



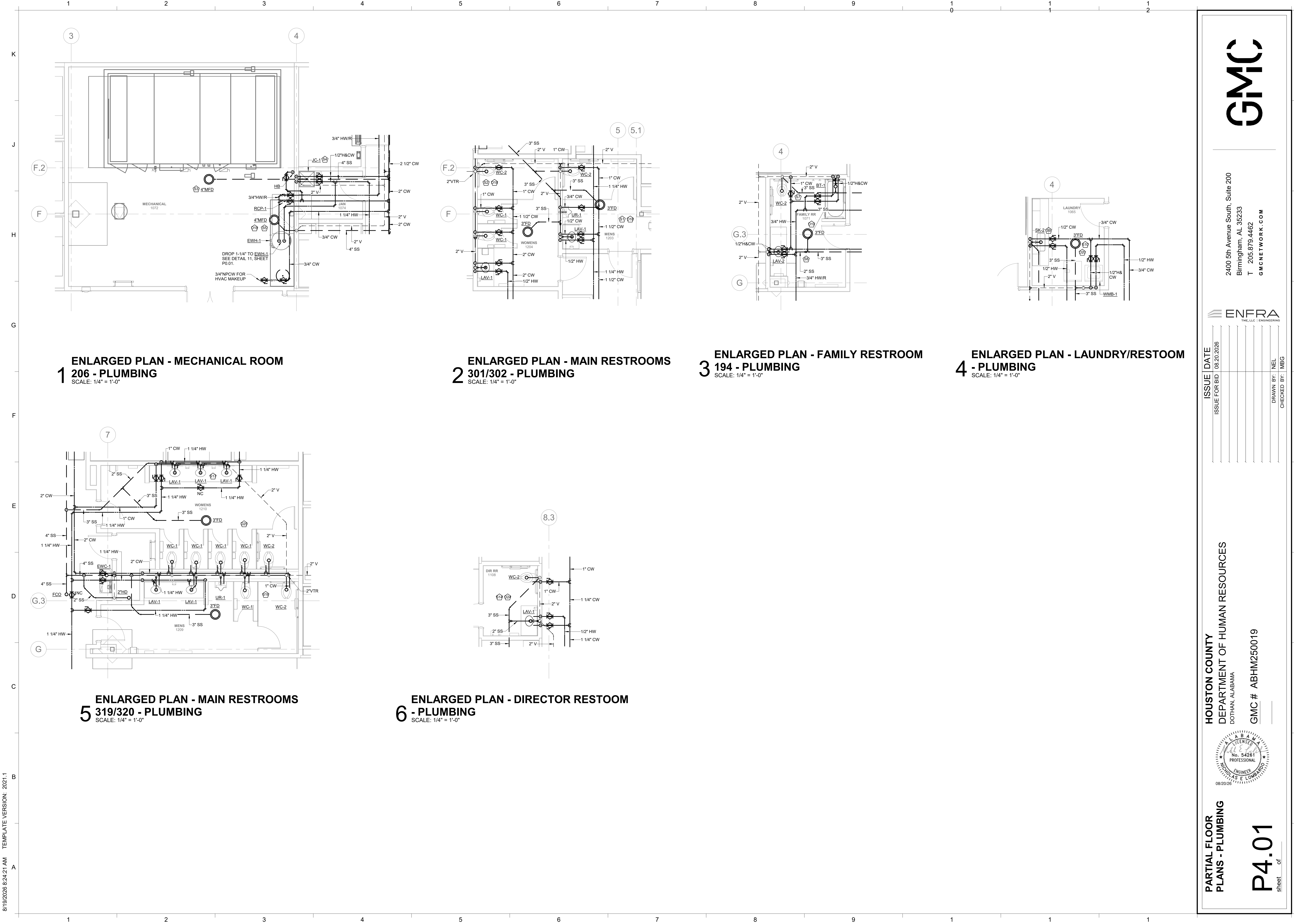


FLOOR PLAN LEVEL
1 - PLUMBING
DOMESTIC

P2.00

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8/19/2026 8:24:21 AM TEMPLATE VERSION: 2021.1



1 ENLARGED PLAN - MECHANICAL ROOM
206 - PLUMBING
SCALE: 1/4" = 1'-0"

2 ENLARGED PLAN - MAIN RESTROOMS
301/302 - PLUMBING
SCALE: 1/4" = 1'-0"

3 ENLARGED PLAN - FAMILY RESTROOM
194 - PLUMBING
SCALE: 1/4" = 1'-0"

4 ENLARGED PLAN - LAUNDRY/RESTROOM
- PLUMBING
SCALE: 1/4" = 1'-0"

5 ENLARGED PLAN - MAIN RESTROOMS
319/320 - PLUMBING
SCALE: 1/4" = 1'-0"

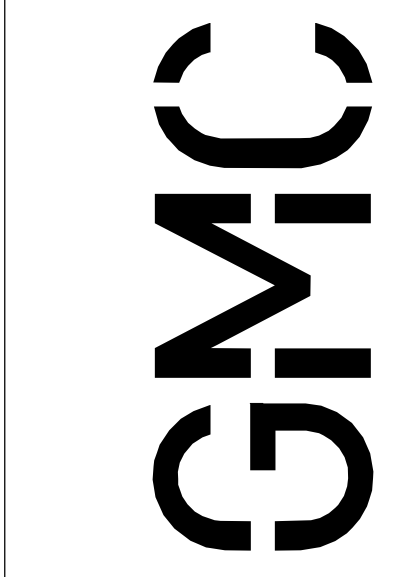
6 ENLARGED PLAN - DIRECTOR RESTROOM
- PLUMBING
SCALE: 1/4" = 1'-0"

PARTIAL FLOOR
PLANS - PLUMBING

HOUSTON COUNTY
DEPARTMENT OF HUMAN RESOURCES
DOTHAN, ALABAMA

ISSUE DATE
ISSUE FOR BID 08/20/2026

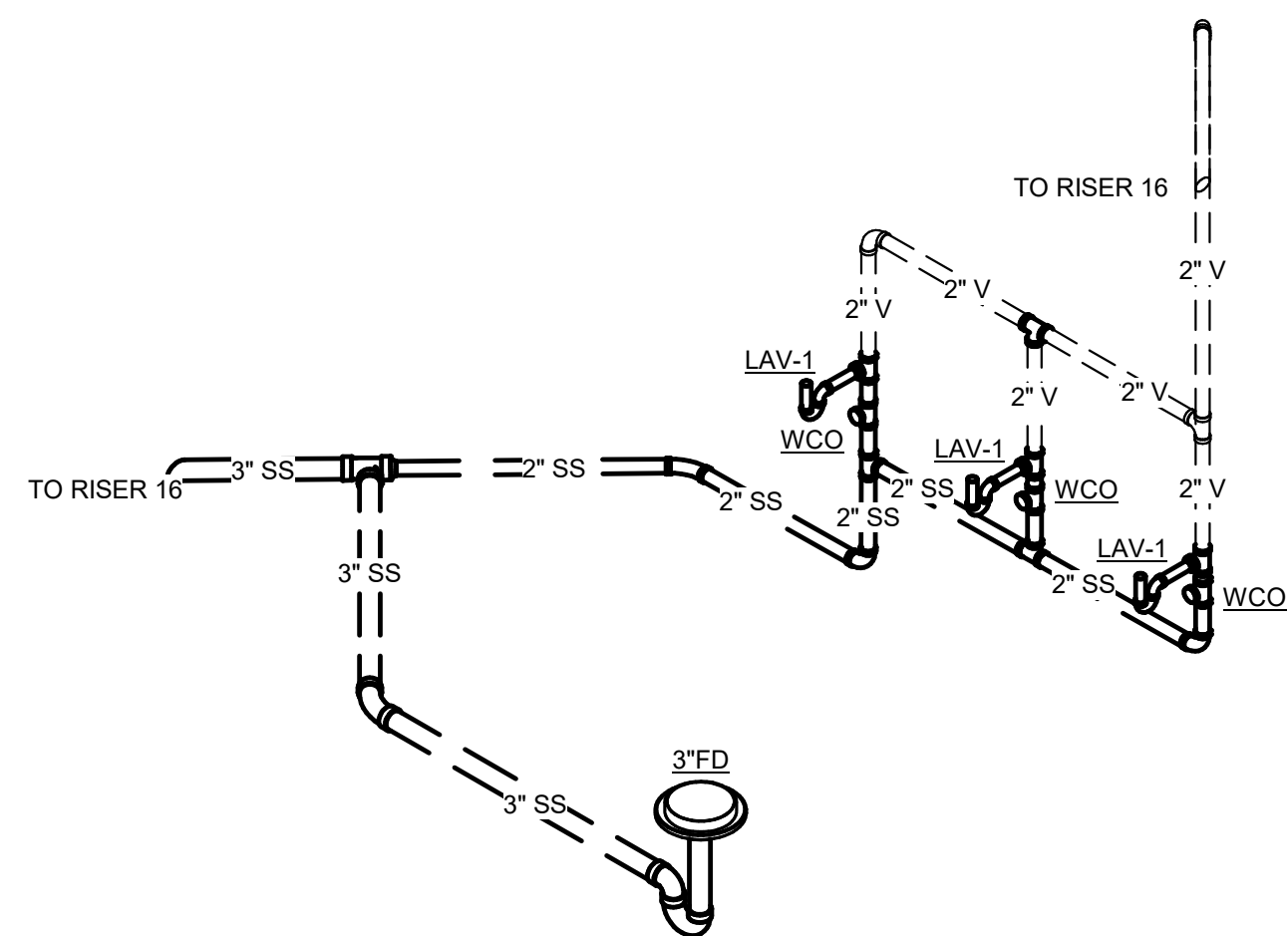
2400 5th Avenue South, Suite 200
Birmingham, AL 35233
T 205.979.4462
GMCNETWORK.COM



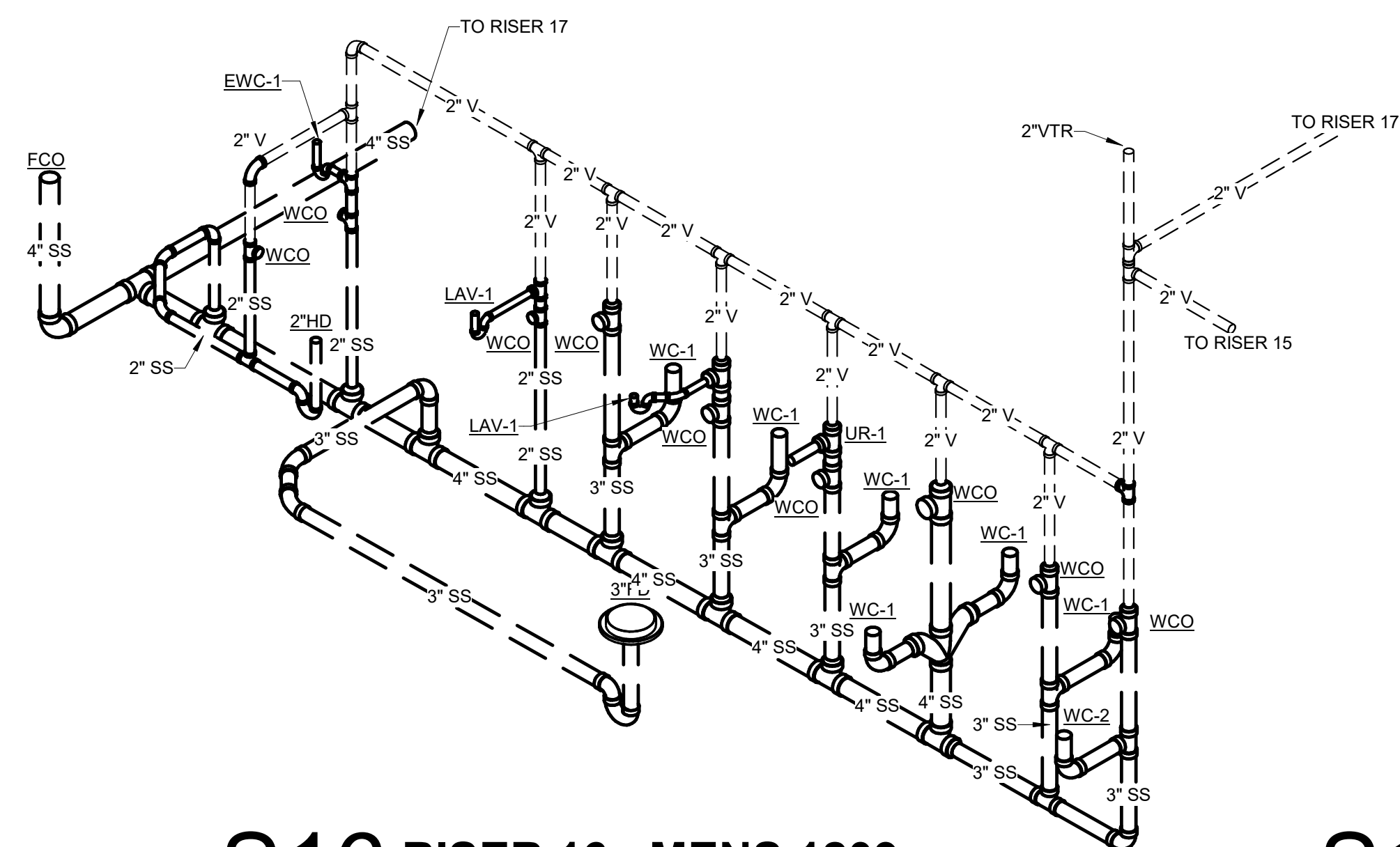
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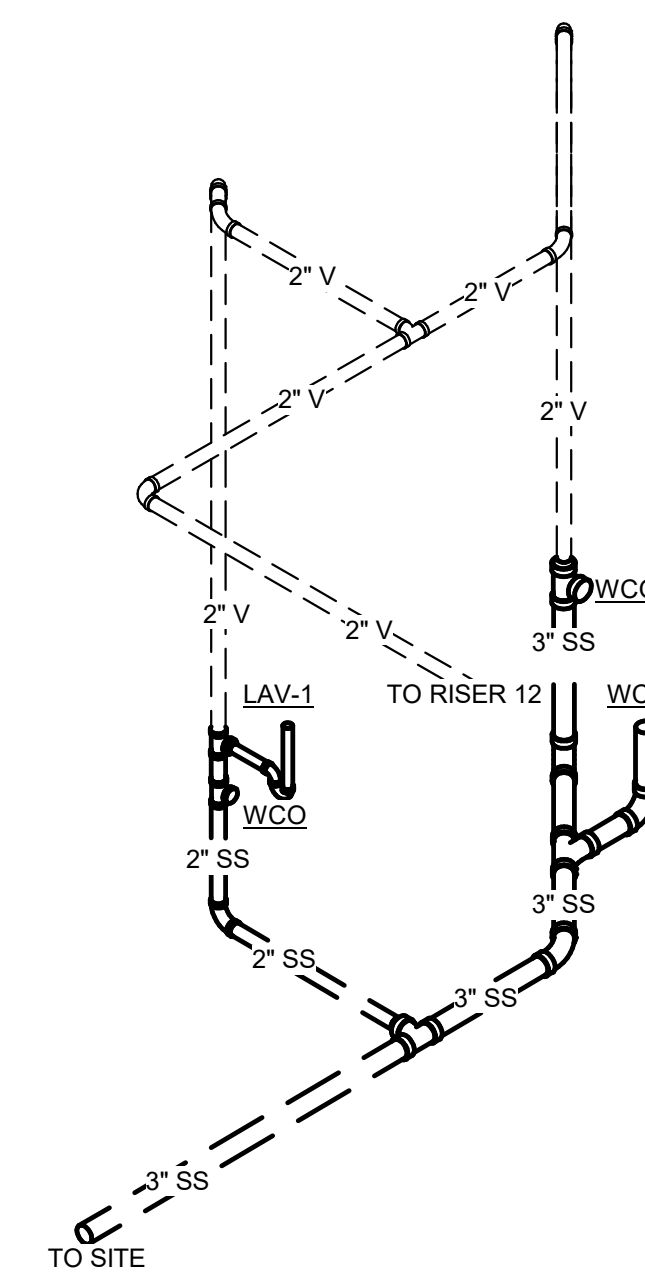
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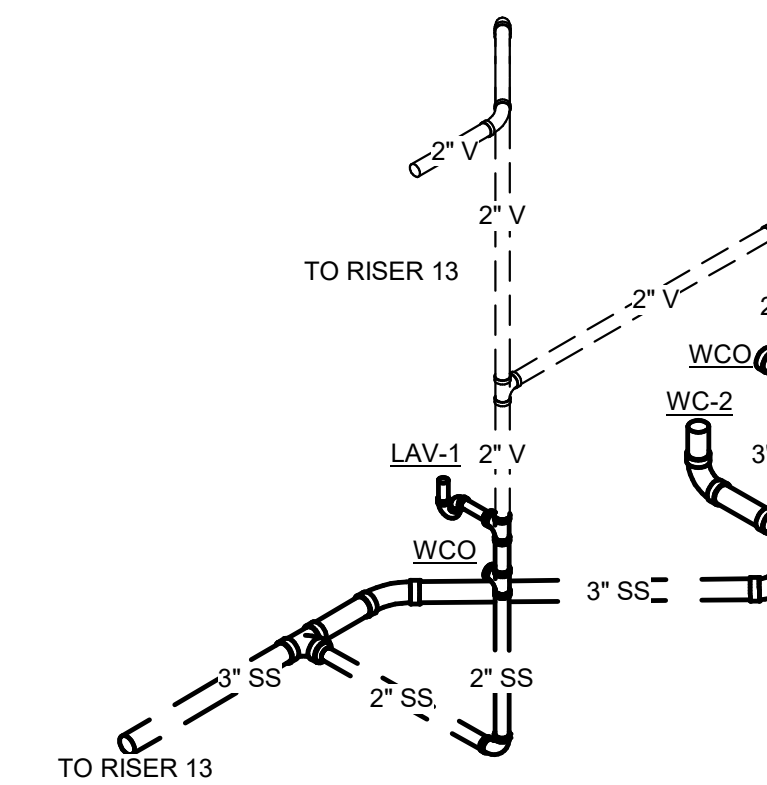
S17 RISER 17 - WOMENS 1210
SCALE:



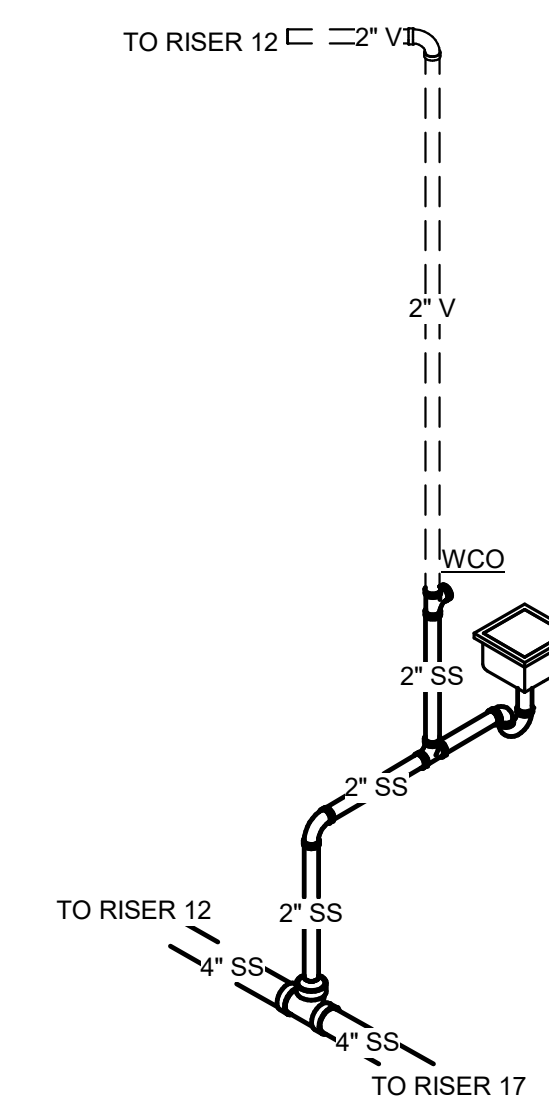
S16 RISER 16 - MENS 1209
SCALE:



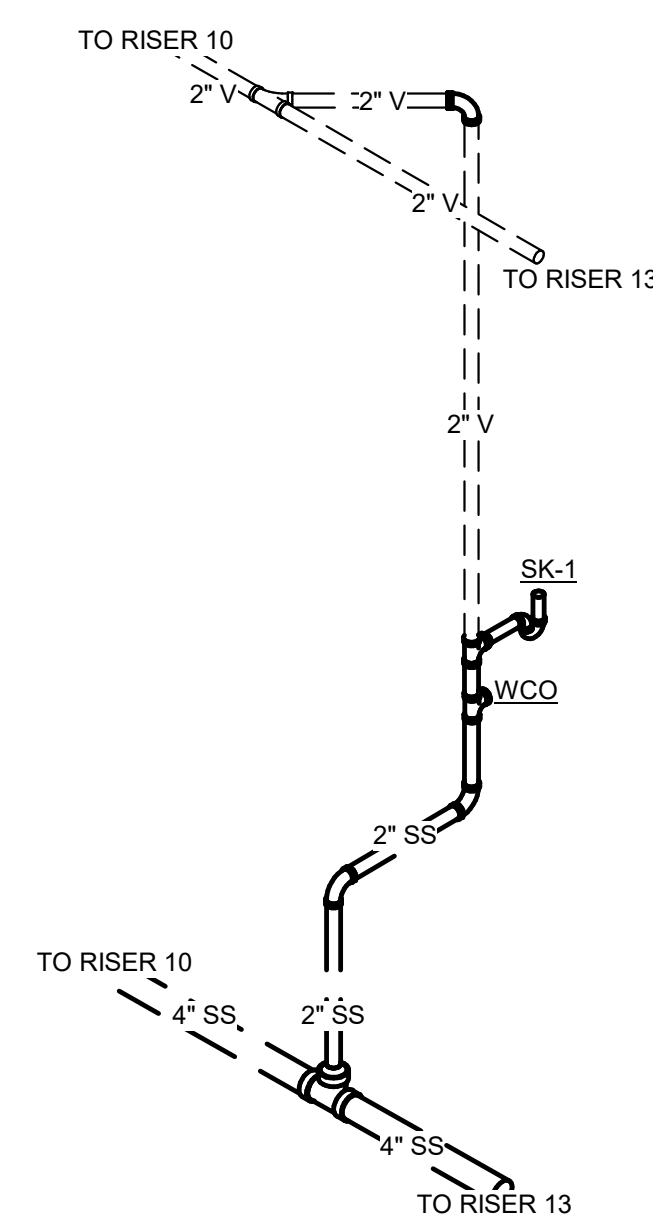
S15 RISER 15 - RESTROOMS 1059
SCALE:



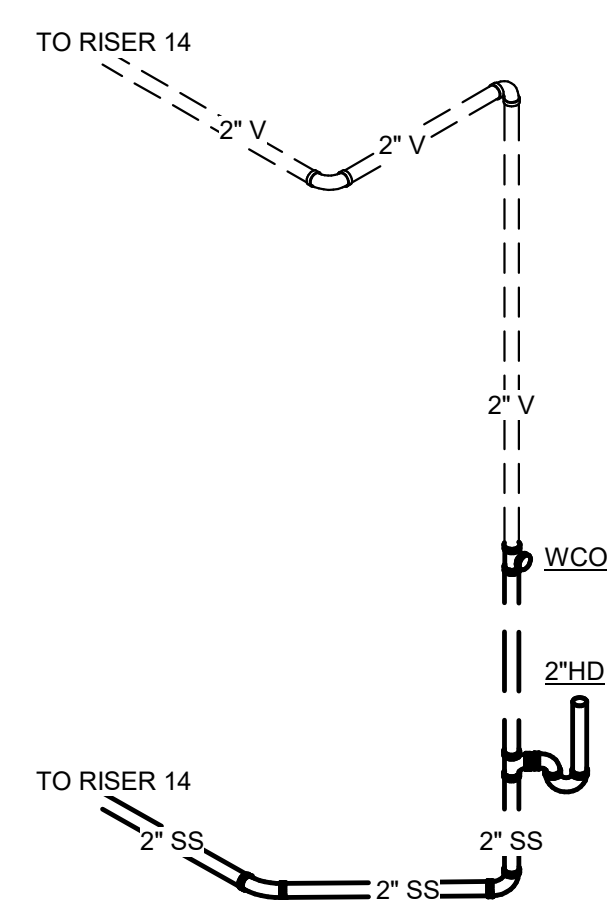
S14 RISER 14 - DIR RR 1108
SCALE:



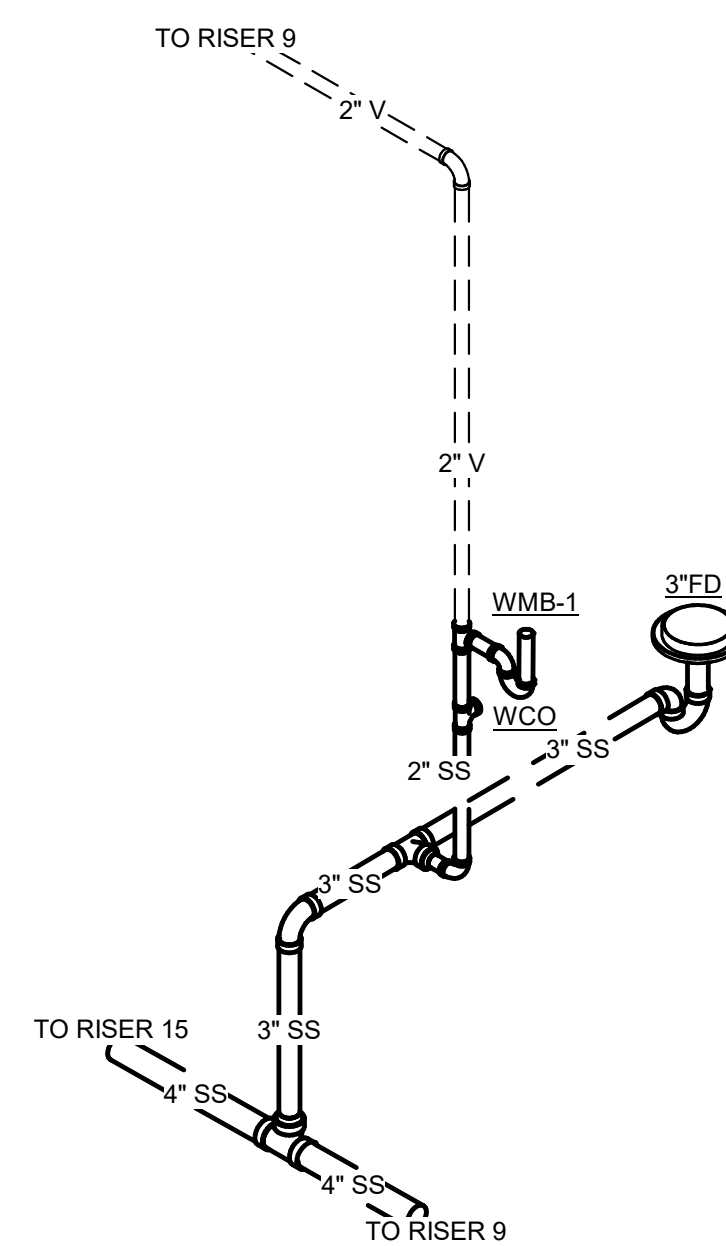
S13 RISER 13- BREAK 1100
SCALE:



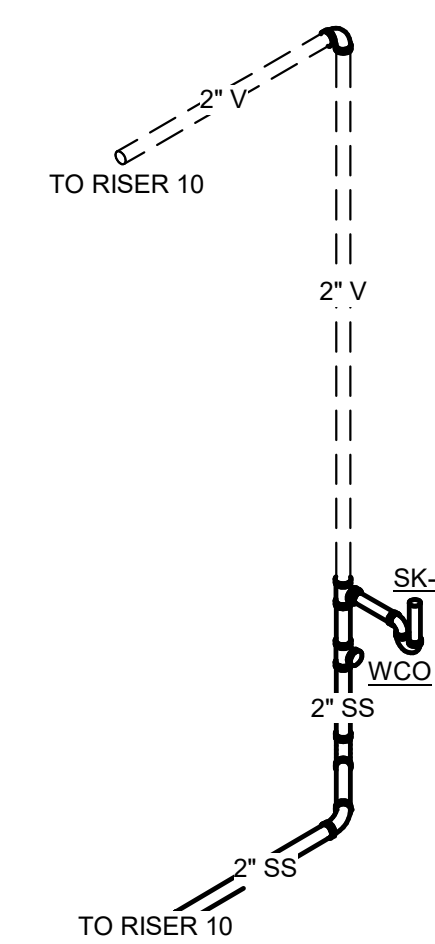
S12 RISER 12 - BREAK 1100
SCALE:



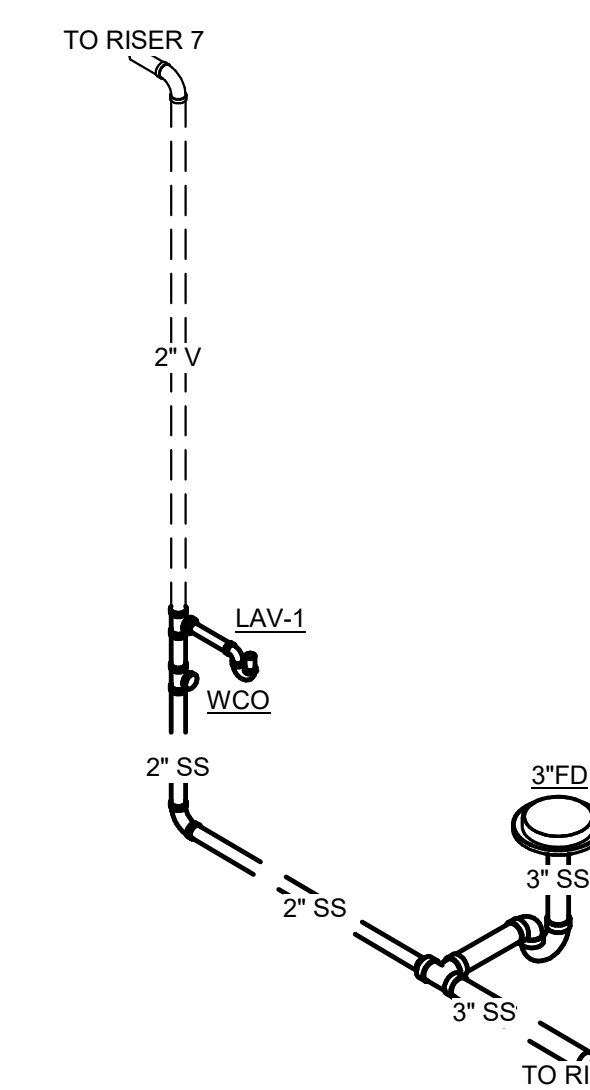
S11 RISER 11 - IDF 1132
SCALE:



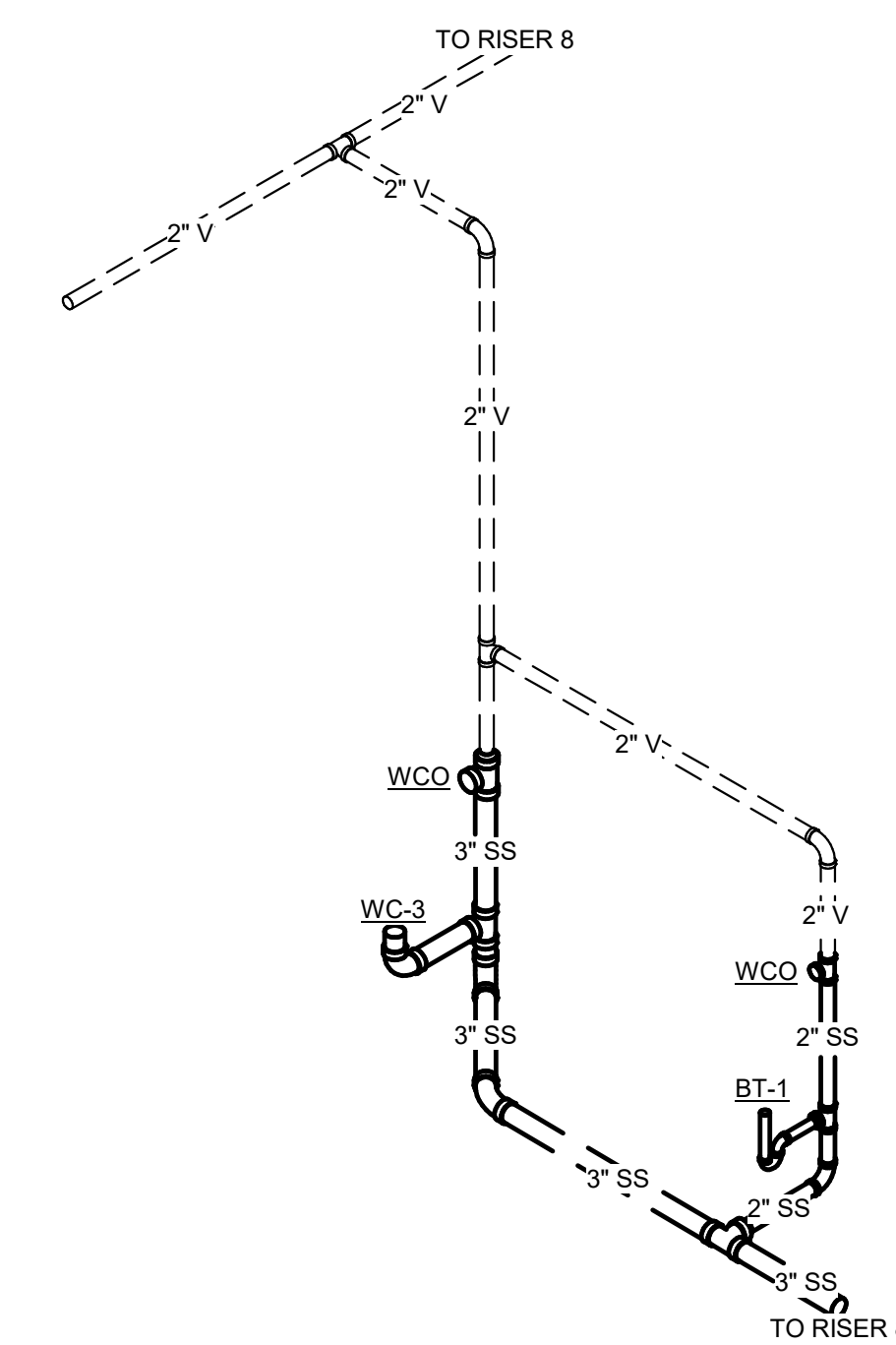
S10 RISER 10 - LAUNDRY 1065
SCALE:



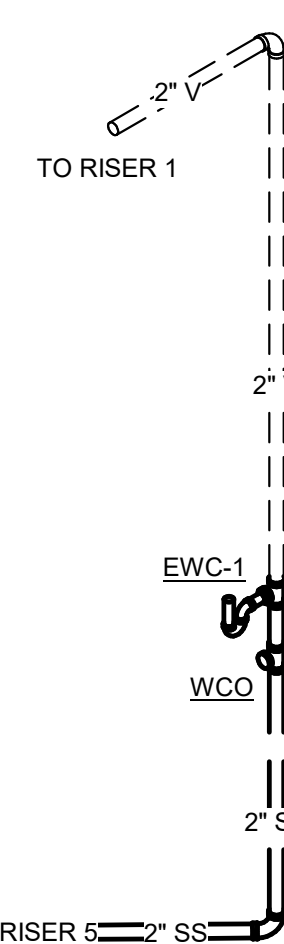
S9 RISER 09 - LAUNDRY 1065
SCALE:



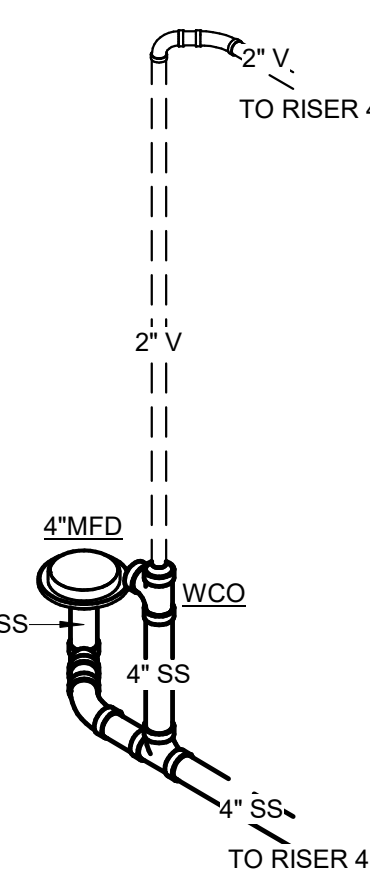
S8 RISER 08 - FAMILY RR 1071
SCALE:



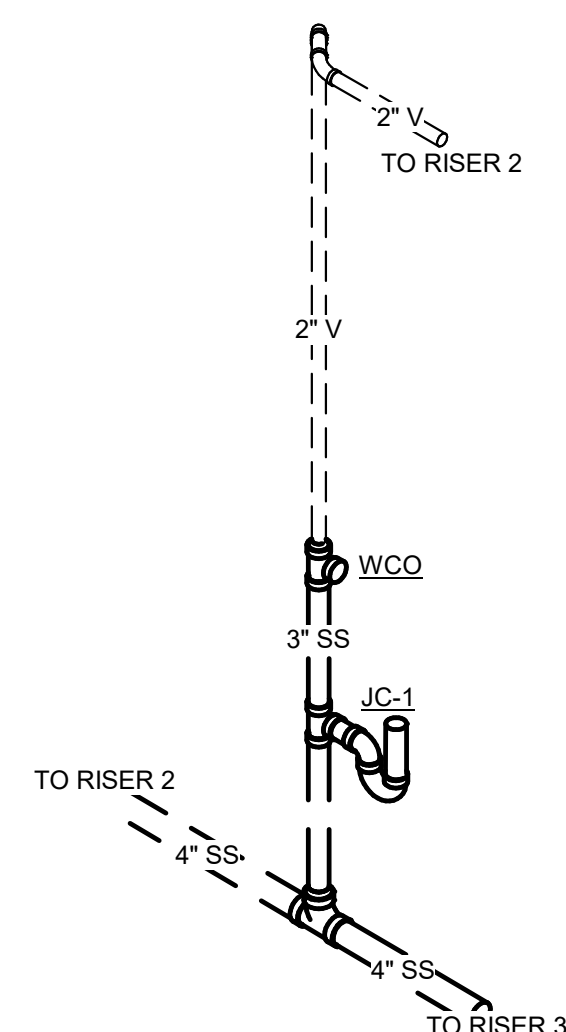
S7 RISER 07 - FAMILY RR 1071
SCALE:



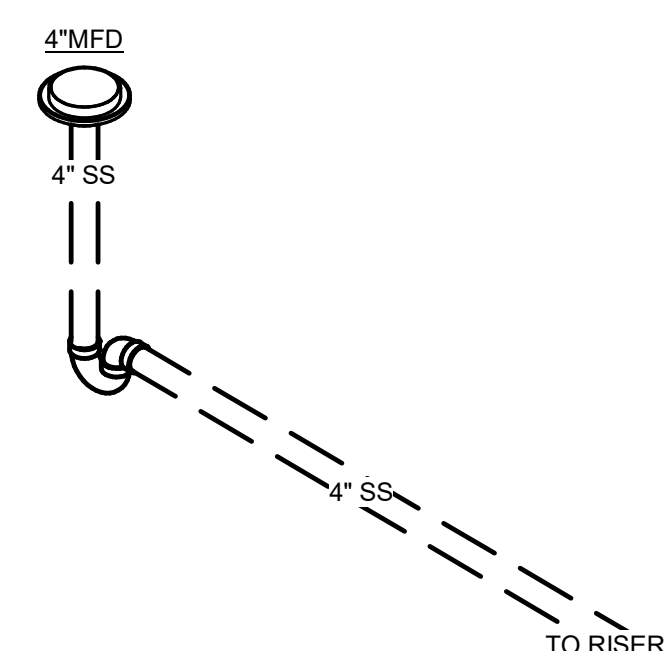
S6 RISER 06 - LOBBY 1001
SCALE:



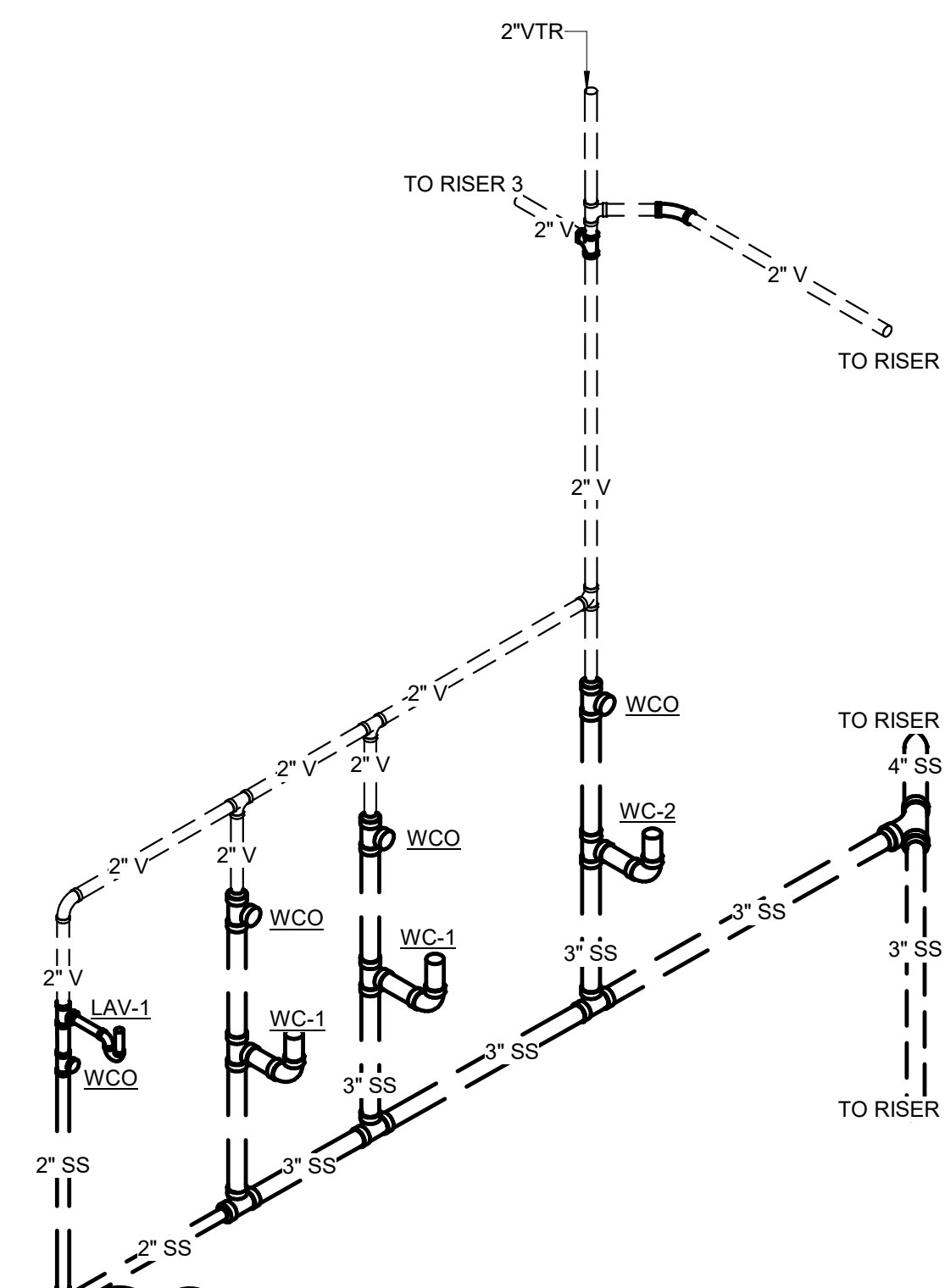
S5 RISER 05 - MECHANICAL 1072
SCALE:



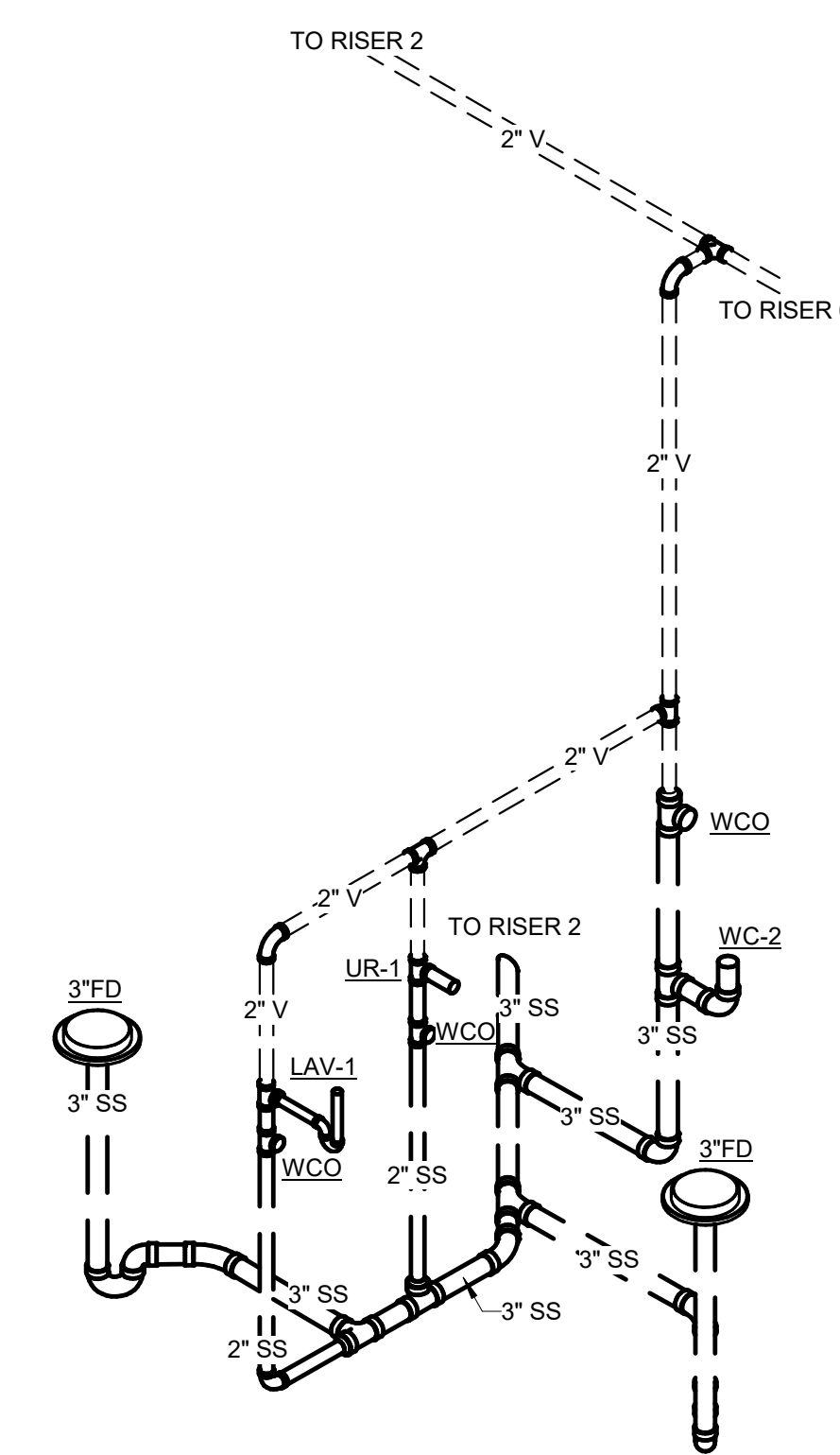
S4 RISER 04 - JAN 1074
SCALE:



S3 RISER 03 - MECHANICAL 1072
SCALE:

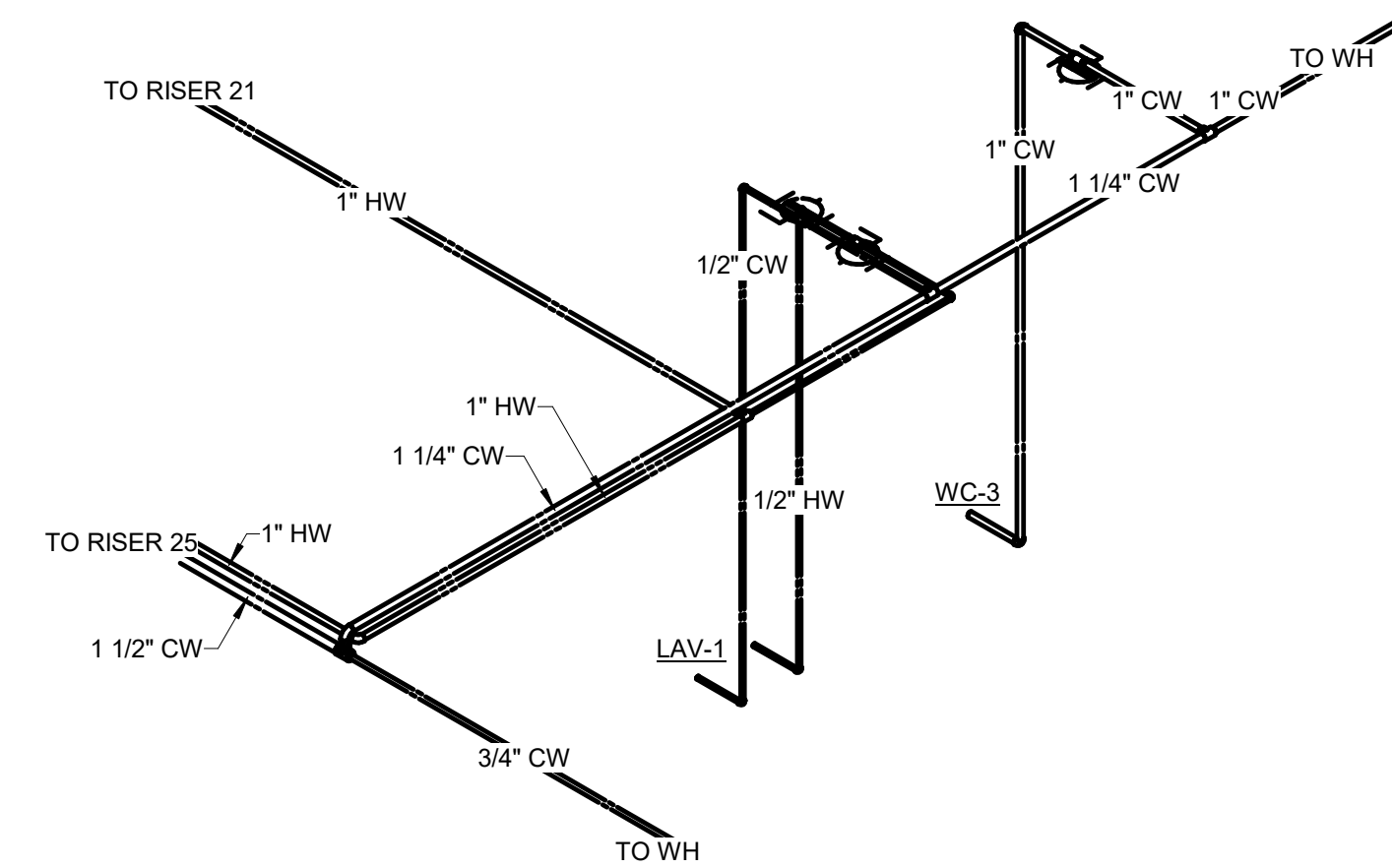


S2 RISER 02 - WOMENS 1204
SCALE:

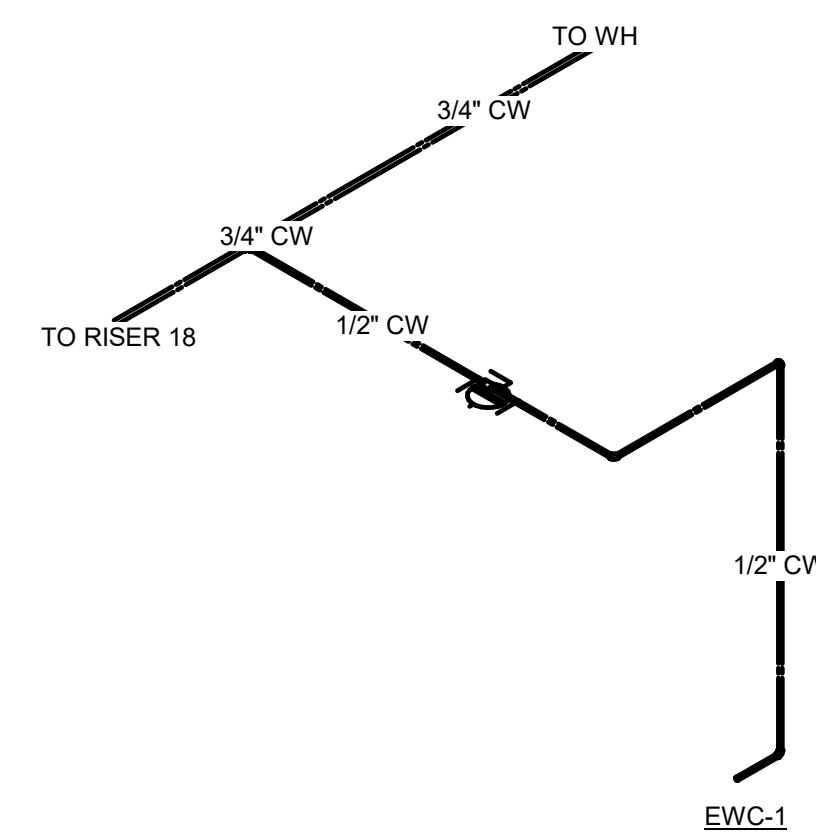


S1 RISER 01 - MENS 1203
SCALE:

ISSUE	DATE
ISSUE FOR BID	08.20.2026
DRAWN BY:	NEL



D25 RISER 25 - WOMENS 1210/MENS 1209
SCALE:



D22 RISER 22 - LOBBY 1001
SCALE:

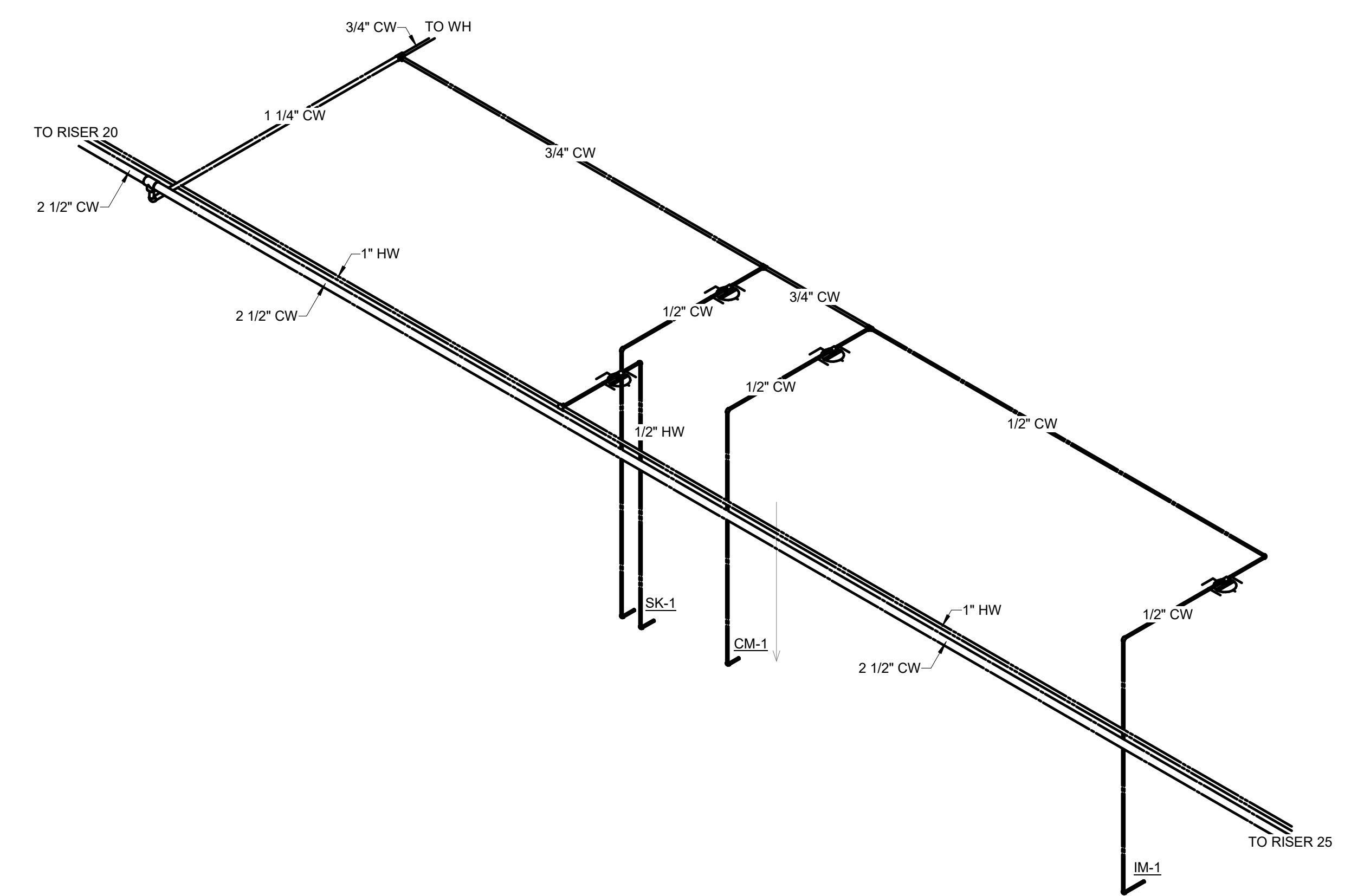


Diagram illustrating a complex piping system with multiple risers and various pipe sizes and types. The system includes:

- Risers:** TO RISER 23, TO RISER 21, TO RISER 19, and TO RISER 21.
- Pipe Sizes and Types:**
 - 1/2" CW (Cold Water)
 - 1/2" HW (Hot Water)
 - 3/4" CW
 - 3/4" HW
 - 2 1/2" CW
 - 1" HW
- Components:**
 - SK-2 (Sump/Kitchen)
 - WMB-1 (Water Meter Box)
- Flow Direction:** Indicated by arrows on the pipes.

D18 RISER 18 - MENS 1203/WOMENS 1204
SCALE:

A

B

C

D

E

F

H

J

K

FIRE PROTECTION SPRINKLER OMISSIONS

NFPA 13, 9.2.1.19.1 - SPRINKLERS SHALL BE PERMITTED TO BE OMITTED FROM WITHIN COMBUSTIBLE SOFFITS, EAVES, OVERHANGS, AND DECORATIVE FRAME ELEMENTS THAT ARE CONSTRUCTED IN ACCORDANCE WITH 9.2.1.19.2 THROUGH 9.2.1.19.5
9.2.1.19.2 - COMBUSTIBLE SOFFITS, EAVES, OVERHANGS, AND DECORATIVE FRAME ELEMENTS SHALL NOT EXCEED 4FT. IN WIDTH.
9.2.1.19.3 - COMBUSTIBLE SOFFITS, EAVES, OVERHANGS, AND DECORATIVE FRAME ELEMENTS SHALL BE DRAFTSTOPPED, WITH A MATERIAL EQUIVALENT TO THAT OF THE SOFFIT, INTO VOLUMES NOT EXCEEDING 160SQ.FT.
9.2.1.19.4 - COMBUSTIBLE SOFFITS, EAVES, OVERHANGS, AND DECORATIVE FRAME ELEMENTS SHALL BE SEPARATED FROM THE INTERIOR OF THE BUILDING BY WALLS OR ROOFS OF NONCOMBUSTIBLE OR LIMITED-COMBUSTIBLE CONSTRUCTION.
9.2.1.19.5 - COMBUSTIBLE SOFFITS, EAVES, OVERHANGS, AND DECORATIVE FRAME ELEMENTS SHALL HAVE NO OPENINGS OR UNPROTECTED PENETRATIONS DIRECTLY INTO THE BUILDING.

NFPA 13, 9.2.2 - SPRINKLERS SHALL BE PERMITTED TO BE OMITTED FROM SPACES UNDER GROUND FLOORS, EXTERIOR DOCKS, AND PLATFORMS WHERE ALL THE FOLLOWING CONDITIONS EXIST:
1. THE SPACE IS NOT ACCESSIBLE FOR STORAGE PURPOSES AND IS PROTECTED AGAINST ACCUMULATION OF WIND-BORNE DEBRIS
2. THE SPACE CONTAINS NO EQUIPMENT SUCH AS CONVEYORS OR FUEL-FIRED HEATING UNITS.
3. THE FLOOR OVER THE SPACE IS OF TIGHT CONSTRUCTION.
4. NO COMBUSTIBLE OR FLAMMABLE LIQUIDS OR MATERIALS THAT UNDER FIRE CONDITIONS WOULD CONVERT INTO COMBUSTIBLE OR FLAMMABLE LIQUIDS ARE PROCESSED, HANDLED, OR STORED ON THE FLOOR ABOVE SPACE.

NFPA 13, 9.2.3.2 - SPRINKLERS SHALL BE PERMITTED TO BE OMITTED WHERE THE EXTERIOR CANOPIES, ROOFS, PORTE-COCHERES, BALCONIES, DECKS, AND SIMILAR PROJECTIONS ARE CONSTRUCTED WITH MATERIALS THAT ARE NONCOMBUSTIBLE, LIMITED-COMBUSTIBLE, OR FIRE RETARDANT-TREATED WOOD AS DEFINED IN NFPA 703, OR WHERE THE PROJECTIONS ARE CONSTRUCTED UTILIZING A NONCOMBUSTIBLE FRAME, LIMITED-COMBUSTIBLES, OR FIRE-RETARDANT TREATED WOOD WITH AN INHERENTLY FLAME-RESISTANT FABRIC OVERLAY AS DEMONSTRATED BY TEST METHOD 2 WITH NFPA 701.

NFPA 13, 9.2.3.3 - SPRINKLERS SHALL BE PERMITTED TO BE OMITTED FROM BELOW THE EXTERIOR PROJECTIONS OF COMBUSTIBLE CONSTRUCTION, PROVIDE THE EXPOSED FINISH MATERIAL ON THE EXTERIOR PROJECTIONS ARE NONCOMBUSTIBLE, LIMITED-COMBUSTIBLE, OR FIRE RETARDANT-TREATED WOOD AS DEFINED BY NFPA 703, AND THE EXTERIOR PROJECTIONS CONTAIN ONLY SPRINKLERED CONCEALED SPACES OR ANY OF THE FOLLOWING UNSPRINKLERED COMBUSTIBLE CONCEALED SPACES:
1. COMBUSTIBLE CONCEALED SPACES FILLED ENTIRELY WITH NONCOMBUSTIBLE INSULATION.
2. LIGHT OR ORDINARY HAZARD OCCUPANCIES WHERE NONCOMBUSTIBLE OR LIMITED-COMBUSTIBLE CEILINGS ARE DIRECTLY ATTACHED TO THE BOTTOM OR SOLID WOOD JOISTS SO AS TO CREATE ENCLOSED JOIST SPACES 160CU.FT. OR LESS IN VOLUME, INCLUDING SPACE BELOW INSULATION THAT IS LAID DIRECTLY ON TOP OR WITHIN THE CEILING JOISTS IN AN OTHERWISE SPRINKLERED ATTIC.
3. CONCEALED SPACES OVER ISOLATED SMALL EXTERIOR PROJECTIONS NOT EXCEEDING 55SQ.FT. IN AREA.

NFPA 13, 9.2.7.1 - SPRINKLERS SHALL NOT BE REQUIRED IN ELECTRICAL EQUIPMENT ROOMS WHERE ALL THE FOLLOWING CONDITIONS ARE MET:
1. THE ROOM IS DEDICATED TO ELECTRICAL EQUIPMENT ONLY.
2. ONLY DRY-TYPE OR LIQUID-TYPE WITH LISTED K-CLASS FLUID ELECTRICAL EQUIPMENT IS USED.
3. EQUIPMENT IS INSTALLED IN A 2-HOUR FIRE-RATED ENCLOSURE INCLUDING PROTECTION FOR PENETRATIONS.
4. STORAGE IS NOT PERMITTED IN THE ROOM.

NFPA 13, 9.2.7.1 - SPRINKLERS SHALL BE PERMITTED TO BE OMITTED ABOVE CLOUD CEILINGS WHERE ALL THE FOLLOWING APPLY:
1. THE COMBINED TOTAL AREA OF THE OPENINGS AROUND THE CLOUD ARE LESS THAN OR EQUAL TO 20% OF THE AREA OF THE CEILING, CONSTRUCTION FEATURE, OR PLANE USED TO DETERMINE THE BOUNDARIES OF THE COMPARTMENT.
2. THE WIDTH OF THE GAP AND THE MAXIMUM SPRINKLER PROTECTION AREA ARE IN ACCORDANCE WITH TABLE 9.2.7.1.
3. SPACES ABOVE THE CLOUD CEILINGS CONTAIN EITHER COMBUSTIBLE OR LIMITED-COMBUSTIBLE CONSTRUCTION WITH MINIMAL LOADING

NFPA 13, 9.2.9 - SPRINKLERS SHALL NOT BE REQUIRED TO BE INSTALLED IN FURNITURE SUCH AS PORTABLE WARDROBE UNITS, CABINETS, TROPHY CASES, AND SIMILAR ITEMS NOT INTENDED FOR OCCUPANCY. THIS TYPE OF FEATURE SHALL BE PERMITTED TO BE ATTACHED TO THE FINISHED STRUCTURE.

NFPA 13, 9.2.10 - SPRINKLERS SHALL NOT BE REQUIRED TO BE INSTALLED WITHIN ELECTRICAL EQUIPMENT, MECHANICAL EQUIPMENT, OR AIR HANDLING UNITS NOT INTENDED FOR OCCUPANCY.

NFPA 13, 9.5.5.3.1.5 - SPRINKLERS SHALL NOT BE REQUIRED UNDER NONCOMBUSTIBLE OBSTRUCTIONS OVER 4FT. WIDE WHERE THE BOTTOM OR THE OBSTRUCTION IS 24IN. OR LESS ABOVE THE FLOOR OR DECK

NFPA 13, 9.5.5.3.2 - SPRINKLERS SHALL NOT BE REQUIRED UNDER OBSTRUCTIONS THAT ARE NOT FIXED IN PLACE, SUCH AS CONFERENCE TABLES.

NFPA 13, 10.2.9.2 - SPRINKLERS SHALL NOT BE REQUIRED IN CEILING POCKET WHERE ALL THE FOLLOWING ARE MET:
1. THE TOTAL VOLUME OF THE UNPROTECTED CEILING POCKET DOES NOT EXCEED 1000CU.FT.
2. THE DEPTH OF THE UNPROTECTED CEILING POCKET DOES NOT EXCEED 36IN.
3. THE ENTIRE FLOOR UNDER THE UNPROTECTED CEILING POCKET IS PROTECTED BY SPRINKLERS AT THE LOWER CEILING ELEVATION.
4. THE TOTAL SIZE OF ALL UNPROTECTED CEILING POCKETS IN THE SAME COMPARTMENT WITHIN 10FT. OF EACH OTHER DOES NOT EXCEED 1000CU.FT.
5. THE UNPROTECTED CEILING POCKET HAS NONCOMBUSTIBLE OR LIMITED-COMBUSTIBLE FINISHES.
6. QUICK-RESPONSE SPRINKLER ARE UTILIZED THROUGHOUT THE COMPARTMENT.

NFPA 13, 10.3.5.1.3.2 - WHERE SOFFITS USED FOR INSTALLATION OF SIDEWALL SPRINKLERS ARE LESS THAN OR EQUAL TO 8IN. IN WIDTH OR PROJECTION FROM THE WALL, ADDITIONAL SPRINKELRS SHALL NOT BE REQUIRED BELOW THE SOFFIT WHEN THE SIDEWALL SPRINKLER IN INSTALLED ON THE SOFFIT.

SPRINKLER NOTES:

1. THE AREA OF RENOVATION IN THE LIMIT OF CONSTRUCTION ARE SPRINKLERED, MODIFY EXISTING SPRINKLER SYSTEM AS REQUIRED FOR RENOVATION BY REMOVING EXISTING MAINS, BRANCHES, AND SPRINKLER HEADS AND INSTALLING NEW MAINS, BRANCHES, AND SPRINKLER HEADS FOR NEW WALL AND CEILING LAYOUTS AS REQUIRED. RENOVATED AREA SHALL MEET THE REQUIREMENTS OF NFPA 13. SEE ARCHITECTURAL PLANS FOR THE EXACT ROOM AND CEILING LAYOUT AND LIMITS OF CONSTRUCTION. PER STATE AND LOCAL REQUIREMENTS, SYSTEM IS TO REMAIN OPERABLE AT ALL TIMES DURING OFF HOURS OF NO CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING TO REVIEW ALL AREAS IN THE PROJECT SCOPE.
2. PROVIDE A NFPA 13 COMPLIANT SYSTEM TO PROVIDE TOTAL COVERAGE FOR THE BUILDING.
3. ALL PIPING 1-1/2" AND SMALLER SHALL BE SCHEDULE 40 STEEL WITH THREADED JOINTS AND CAST IRON OR MALLEABLE IRON FITTINGS. PROVIDE HANGERS PER NFPA 13 SPACING.
4. PIPING 2" AND LARGER MAY BE SCHEDULE 10 PIPE WITH ROLL GROOVED JOINTS. HANGER SPACING TO BE PER NFPA 13 REQUIREMENTS.
5. SPRINKLER HEADS SHALL BE QUICK RESPONSE, GLASS BULB EQUAL TO VIKING MODEL M. INSTALL SPRINKLER HEADS IN CENTER OF CEILING TILE.
6. PIPING IS TO BE INSTALLED IN A MANNER AS TO HIDE PIPING AS MUCH AS POSSIBLE.
7. PROVIDE A PIPING PLAN SHOWING COORDINATION OF SPRINKLER PIPING WITH ALL ITEMS ABOVE CEILING.
8. PROVIDE SHOP DRAWINGS INCLUDING A REFLECTED CEILING PLAN INDICATING SPRINKLER HEADS, LIGHTS, AND HVAC CEILING DEVICES.
9. SEE ARCHITECT DRAWINGS FOR NEW CEILING PLAN, HEIGHTS, AND AREAS BEING RENOVATED.
10. PER STATE BUILDING COMMISSION REQUIREMENTS, HYDRAULIC CALCULATIONS AND SPRINKLER SHOP DRAWINGS FOR BUILDING FIRE PROTECTION SYSTEMS MUST BE PREPARED UNDER THE SUPERVISION OF AN ENGINEER LICENSED IN THE STATE OF ALABAMA AND BEAR THEIR LICENSURE SEAL WITH SIGNATURE AND DATE.
11. SPRINKLER CONTRACTOR SHALL BE LICENSED THROUGH THE STATE OF ALABAMA FIRE MARSHALL OFFICE.
12. PROVIDE PROTECTION FOR SPRINKLER HEADS IN AREAS WHERE THE CEILING OR SURROUNDING AREA IS TO BE PAINTED. FIRE PROTECTION CONTRACTOR SHALL BE 100% RESPONSIBLE TO PROVIDE AND REMOVE SPRINKLER PROTECTIONS AFTER PAINTING IS COMPLETE. ANY SPRINKLER HEAD WITH PAINT OR TEXTURE OVERSPRAY SHALL BE REPLACED BY THE FIRE PROTECTION CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
13. PROVIDE A VENT LOCATED NEAR A HIGH POINT IN THE SYSTEM TO ALLOW AIR TO BE REMOVED FROM THAT PORTION OF THE SYSTEM BY ONE OF THE FOLLOWING METHODS: MANUAL VALVE (MIN. 1/2" SIZE), AUTOMATIC AIR VENT, OR OTHER APPROVED MEANS.
14. TEMPERATURE RATINGS OF SPRINKLERS BASED ON DISTANCES FROM HEAT SOURCES SHALL COMPLY WITH THE TABLES 9.4.2.5(a-c) IN NFPA 13. IT IS NOT ACCEPTABLE TO PROVIDE HIGHER RATED SPRINKLERS THROUGHOUT A ROOM, COMPARTMENT, OR AREA UNLESS SPECIFICALLY REQUIRED TO DO SO BY NFPA 13.

WET SPRINKLER SYSTEM NOTES:

- A. WET SPRINKLER SYSTEM DESIGN AND INSTALLATION, BASE SYSTEM DESIGN HYDRAULIC CALCULATIONS USING THE AREADENSITY METHOD ON THE FOLLOWING CRITERIA AND IN ACCORDANCE WITH NFPA 13 LATEST EDITION.
 1. SPRINKLER PROTECTION
 - a. ALL OFFICE, WAITING AREAS, EDUCATIONAL AREAS, DINING AREAS, CHURCHES, EAVES AND OVERHANGS (WITH NOT COMBUSTIBLE CONSTRUCTION BENEATH), ATTICS, MUSEUMS AND CORRIDORS, LIGHT HAZARD, 0.100GPM/SQ.FT. OVER THE HYDRAULICALLY MOST REMOTE 1500 SQ.FT.
 - b. MECHANICAL EQUIPMENT ROOMS, ELECTRICAL CLOSETS, AND STORAGE BETWEEN 100 AND 150SQ.FT.; ORDINARY HAZARD GROUP 1, 0.15GPM/SQ.FT. OVER THE HYDRAULICALLY MOST REMOTE 1500SQ.FT.
 - c. LAUNDRY AND STORAGE ROOMS OVER 250 SQ.FT.; ORDINARY GROUP 2, 0.20 GPM/SQ.FT. OVER THE HYDRAULICALLY MOST REMOTE 1500SQ.FT.
 - d. FILE STORAGE AREAS WITH ROLLING FILES/ RACKS; ORDINARY GROUP 2 FOR THE ENTIRE AREA OF SPACE UP TO 1,500SQ.FT. AREA OF SPRINKLER OPERATION.
 - e. WHERE AREAS ARE NOT PHYSICALLY SEPARATED BY A BARRIER OR PARTITION CAPABLE OF DELAYING HEAT FROM A FIRE IN ONE AREA FROM FUSING SPRINKLERS IN THE ADJACENT AREA, THE REQUIRED SPRINKLER PROTECTION FOR THE MORE DEMANDINGG DESIGN BASIS SHALL EXTEND 15FT. BEYOND ITS PERIMETER.
 2. ADD WATER ALLOWANCE OF 250 GPM FOR INSIDE AND OUTSIDE HOSE STREAMS TO THE SPRINKLER REQUIREMENTS AT THE CONNECTION TO THE DISTRIBUTION MAIN.
 3. HYDRAULIC CALCULATIONS: THE CALCULATED DEMAND INCLUDING THE HOSE STREAM REQUIREMENTS SHALL FALL NO LESS THAN 10 PERCENT BELOW THE AVAILABLE SUPPLY CURVE. COMPLY WITH BC & IFC (2021 EDITION), ICC 500 (2020 EDITION), NFPA 13 (2021 EDITION), NFPA 14, STANDPIPES AND HOSE SYSTEMS, NFPA 20, STATIONARY FIRE PUMPS, NFPA 24, PRIVATE SERVICE MAINS, NFPA 30, FLAMMABLE AND COMBUSTIBLE LIQUID CODE, NFPA 45, STANDARD ON FIRE PROTECTION FOR LABORATORY USING CHEMICALS, NFPA 54, NATIONAL FUEL GAS CODE, NFPA 58, LIQUEFIED PETROLEUM GAS CODE, NFPA 70, NATIONAL ELECTRIC CODE, NFPA 72, NATIONAL ALARM AND SIGNALING CODE, NFPA 99, HEALTH CARE FACILITIES CODE, AND NFPA 101, LIFE SAFETY CODE (2021 EDITION).

WATER FLOW TEST:

STATIC PRESSURE: 44PSI
RESIDUAL PRESSURE: 40PSI
MEASURED FLOW: 1644GPM
TYLER DOWNING
WITNESSED BY: CARMEN DANIELS
DATE: 09/24/2025
TIME: 2:00 P.M.
LOCATION: 172 PREVATT ROAD

NOTE: CONTRACTORS SHALL USE THIS WATER FLOW TEST FOR BID PURPOSES ONLY.

THE SUCCESSFUL BIDDER SHALL CONDUCT A NEW WATER FLOW TEST PRIOR TO DESIGN AND ORDERING OR THE FIRE PUMP, TO VERIFY THERE HAS BEEN NO SIGNIFICANT CHANGES IN THE WATER SUPPLY, AND SHALL PROVIDE RESULTS (DATE, TIME, WITNESSES, ETC.) OF THE NEW WATER FLOW TEST IN THE SUBMITTAL DOCUMENTS.

FIRE PROTECTION CROSS MAINS

FIRE PROTECTION CROSS MAINS HAVE BEEN SHOWN AS A PLACEHOLDER - FOR GENERAL COORDINATION. FINAL SIZES AND ROUTINGS OF THE CROSS MAINS SHALL BE DETERMINED BY THE INSTALLING FIRE SPRINKLER CONTRACTOR, BUT EFFORTS TO USE THE LOCATIONS SHOWN HEREIN SHOULD BE MADE.

IT IS NOT THE INTENT OF THIS PIPE ROUTING TO SUGGEST THAT ONLY TREE SYSTEMS OR GRID SYSTEMS ARE TO BE USED, BUT TO ENSURE THERE ARE ENOUGH CROSS MAINS TO PROVIDE A POINT OF SUPPLY TO ALL AREAS & BRANCH LINES.

THE INSTALLING CONTRACTOR WILL NEED TO COORDINATE WITH ALL OTHER DISCIPLINES AT ALL TIMES, ESPECIALLY THE MECHANICAL CONTRACTOR, AS THERE WILL BE LIMITED SPACE ABOVE CEILINGS IN SOME AREAS.

FIRE PROTECTION SHOP DRAWING NOTES

BEFORE SUBMITTING FIRE PROTECTION SHOP DRAWINGS FOR REVIEW:

1. CONFIRM THAT FIRE PROTECTION SHOP DRAWINGS ARE SEALED AND SIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF ALABAMA.
2. CONFIRM THAT EACH NODE POINT IN THE HYDRAULIC CALCULATIONS APPEARS ON THE FIRE PROTECTION SHOP DRAWINGS AND THAT NOMENCLATURE MATCHES. THIS INCLUDES NODE POINTS ON SITE SUCH AS THE BACKFLOW PREVENTER AND SOURCE.
3. CONFIRM THAT PIPE SIZES, LENGTHS, AND ELEVATIONS NOTED IN HYDRAULIC CALCULATIONS MARCH THE PIPE SIZES, LENGTHS, AND ELEVATIONS INDICATED ON THE FIRE PROTECTION SHOP DRAWINGS.
4. CONFIRM THAT NODE POINTS, PIPE SIZES, LENGTHS, AND ELEVATIONS DO NOT OVERLAP ARCHITECTURAL FEATURES OR OTHER GRAPHIC ELEMENTS SO THEY BECOME DIFFICULT TO READ WHEN PLOTTED.
5. CONFIRM THAT WHEN MULTIPLE NODE POINTS ARE LOCATED IN CLOSE PROXIMITY TO ONE ANOTHER THAT LEADER LINES ARE USED TO IDENTIFY WHERE THE NODE POINT IS LOCATED IN THE DESIGN.
6. CONFIRM THAT HYDRAULIC CALCULATIONS ACCURATELY ACCOUNT FOR PIPE ROUTING (ELBOWS, TEES, ELEVATION OFFSETS, ETC.) INDICATED IN THE FIRE PROTECTION SHOP DRAWINGS.
7. CONFIRM THAT REMOTE AREAS ARE OUTLINED AND IDENTIFIED ON FIRE PROTECTION SHOP DRAWINGS AND THAT NOMENCLATURE MATCHES HYDRAULIC CALCULATIONS.

GENERAL NOTES -
FIRE PROTECTION

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DOTHAN, ALABAMA

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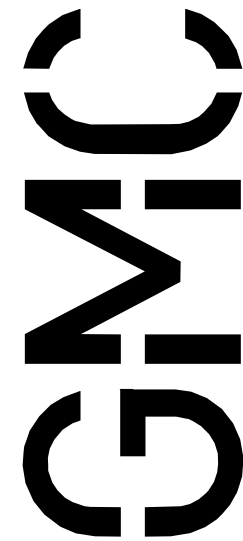


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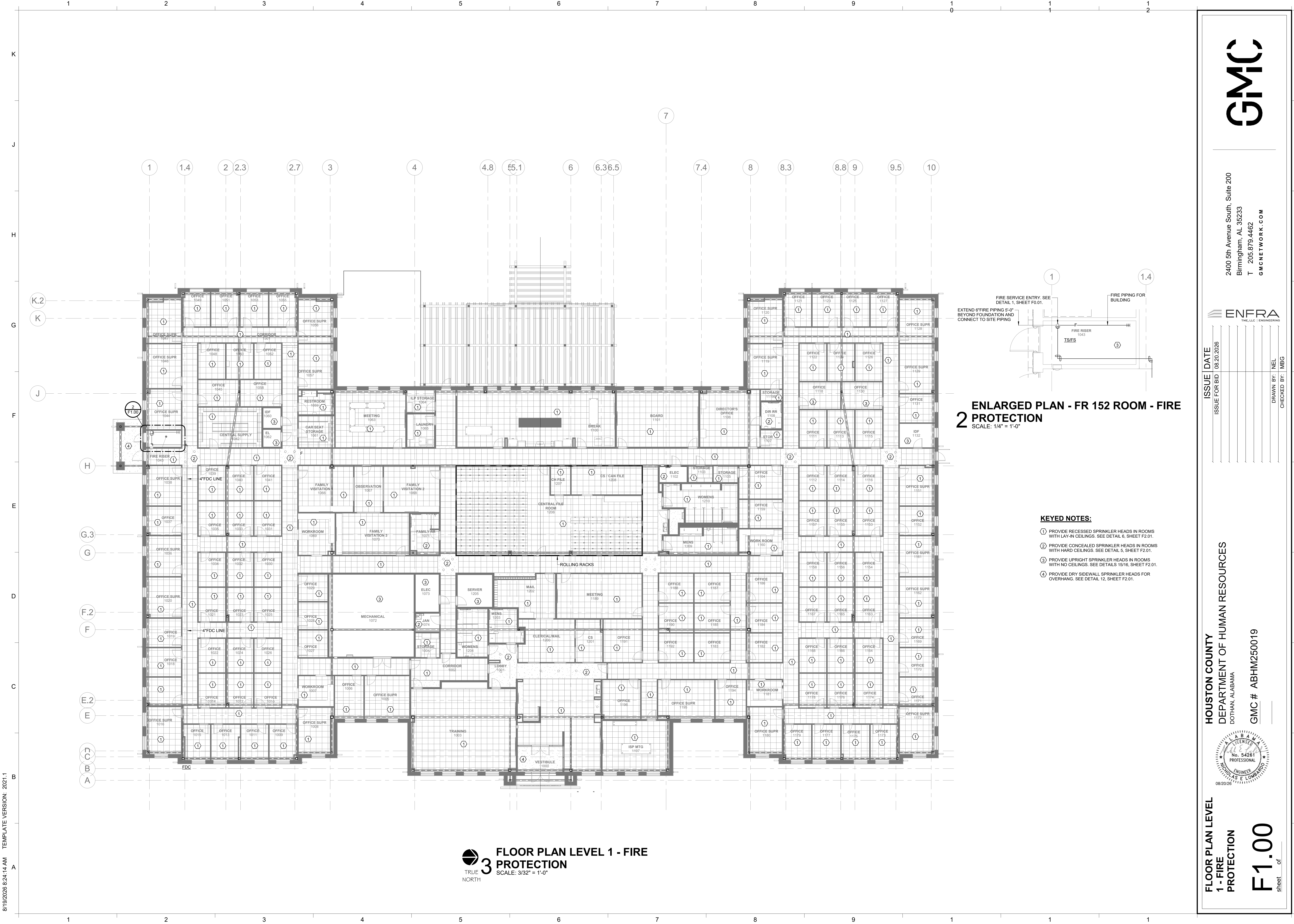


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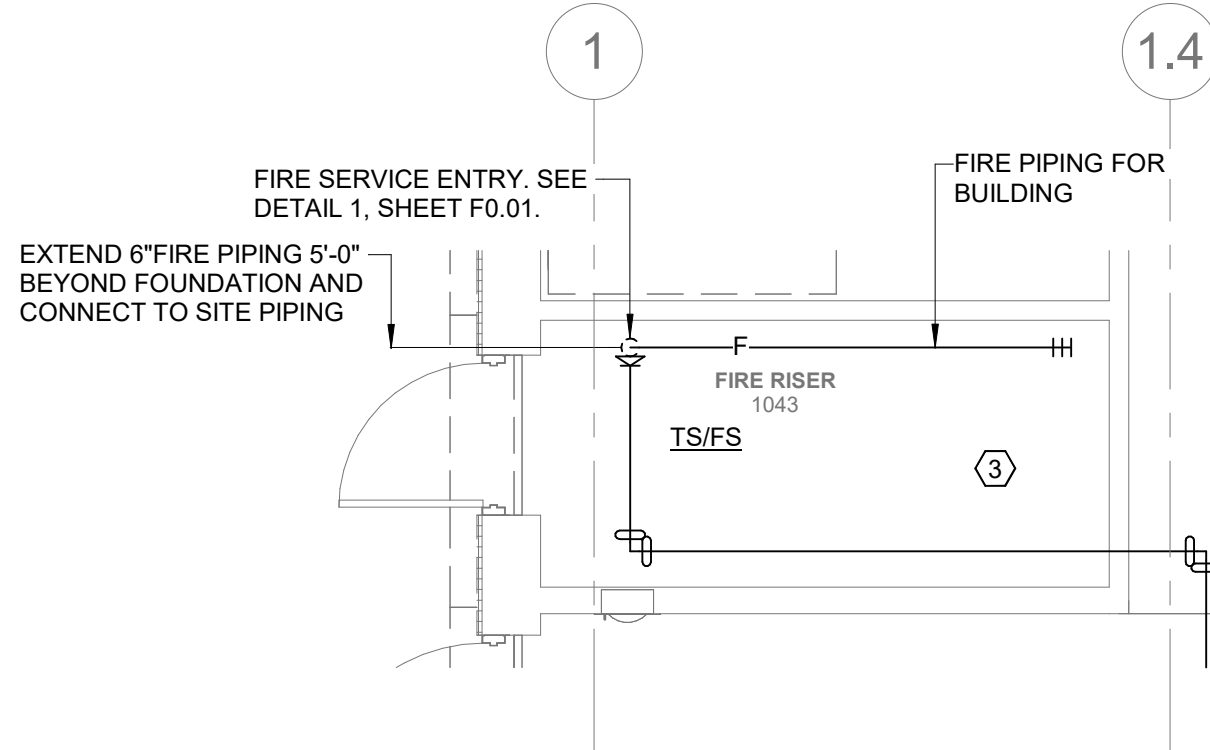
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FLOOR PLAN LEVEL 1 - FIRE PROTECTION
SCALE: 3/32" = 1'-0"
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- KEYED NOTES:**
- 1 PROVIDE RECESSED SPRINKLER HEADS IN ROOMS WITH LAY-IN CEILINGS. SEE DETAIL 6, SHEET F2.01.
 - 2 PROVIDE CONCEALED SPRINKLER HEADS IN ROOMS WITH HARD CEILINGS. SEE DETAIL 5, SHEET F2.01.
 - 3 PROVIDE UPRIGHT SPRINKLER HEADS IN ROOMS WITH NO CEILINGS. SEE DETAILS 15/16, SHEET F2.01.
 - 4 PROVIDE DRY SIDEWALL SPRINKLER HEADS FOR OVERHANG. SEE DETAIL 12, SHEET F2.01.

HOUSTON COUNTY
DEPARTMENT OF HUMAN RESOURCES
DOTHAN, ALABAMA



FLOOR PLAN LEVEL
1 - FIRE PROTECTION

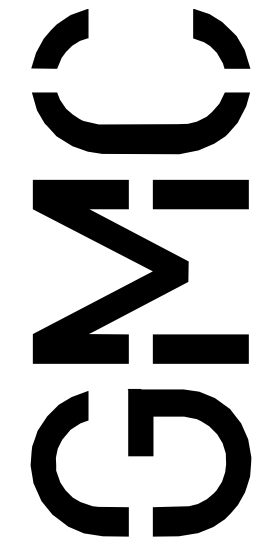
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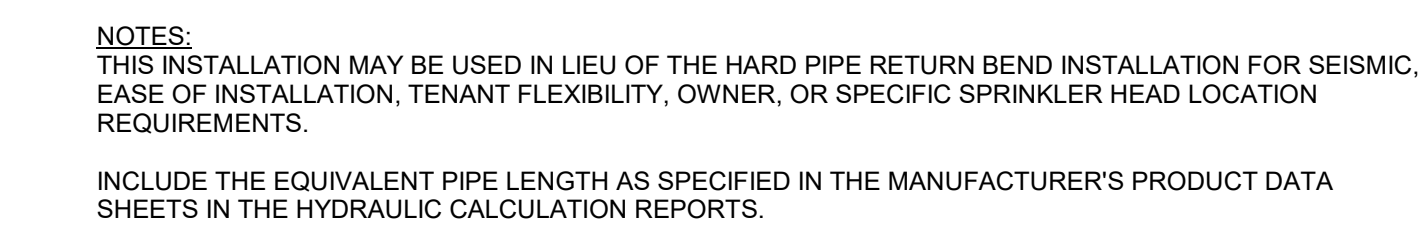
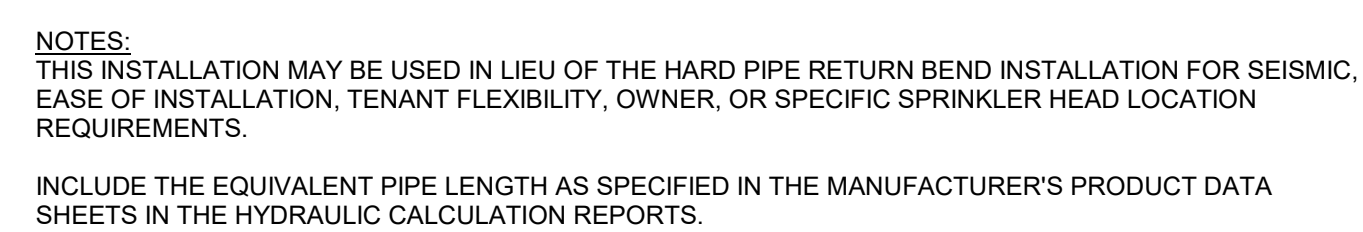
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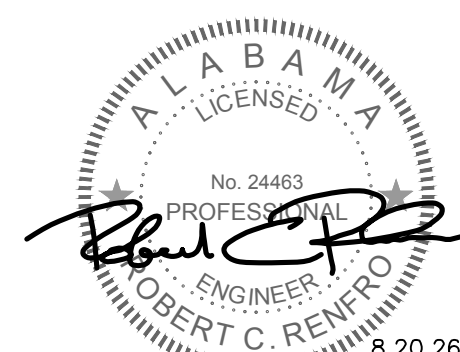




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SITE ELECTRICAL PLAN

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ELECTRICAL SITE PLAN

SCALE : 1"=30'-0'

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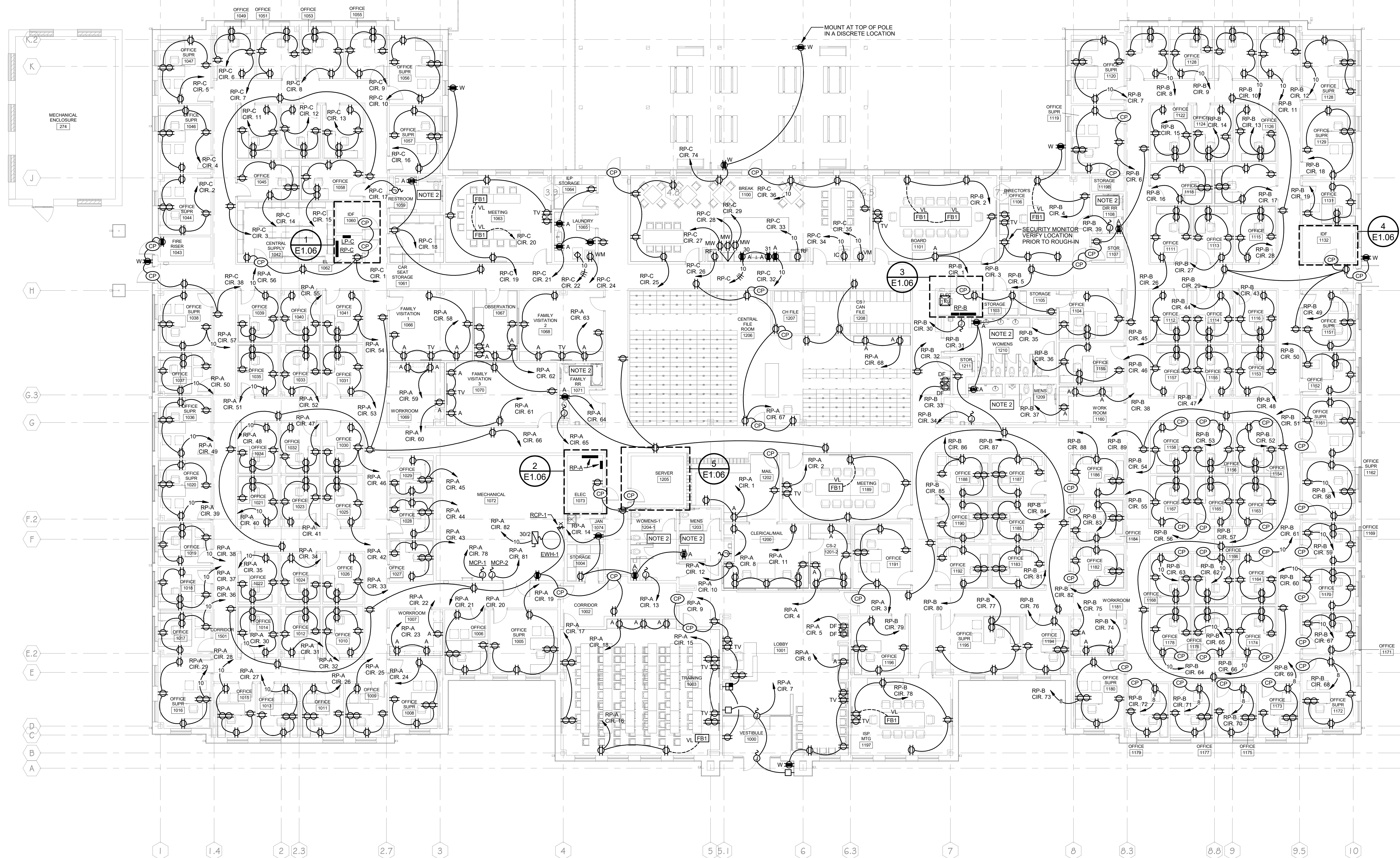
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LEVEL 1 POWER PLAN

SCALE: 3/32" = 1'-0"



NOTES THIS SHEET ONLY

1. CONTRACTOR SHALL CONNECT IRRIGATION CONTROLLER TO NEAREST 120V CIRCUIT. SEE LANDSCAPE DRAWINGS FOR EXACT LOCATION.
2. AT EACH RESTROOM, PROVIDE LOW-VOLTAGE TRANSFORMER TO SUPPLY LOW-VOLTAGE POWER TO EACH FAUCET, URINAL AND TOILET. PROVIDE LOW-VOLTAGE WIRING AS REQUIRED FROM TRANSFORMER TO EACH PLUMBING SENSOR. CONNECT TRANSFORMER PRIMARY DOWNSTREAM OF GFCI RECEPTACLE IN EACH RESTROOM.



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TRAFFIC NO. 222793
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POWER PLAN

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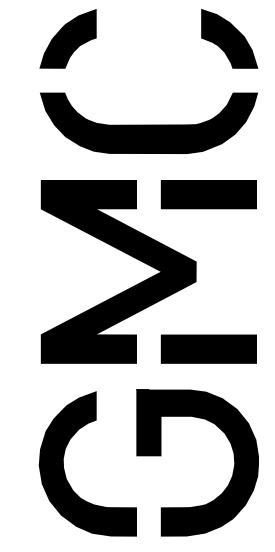
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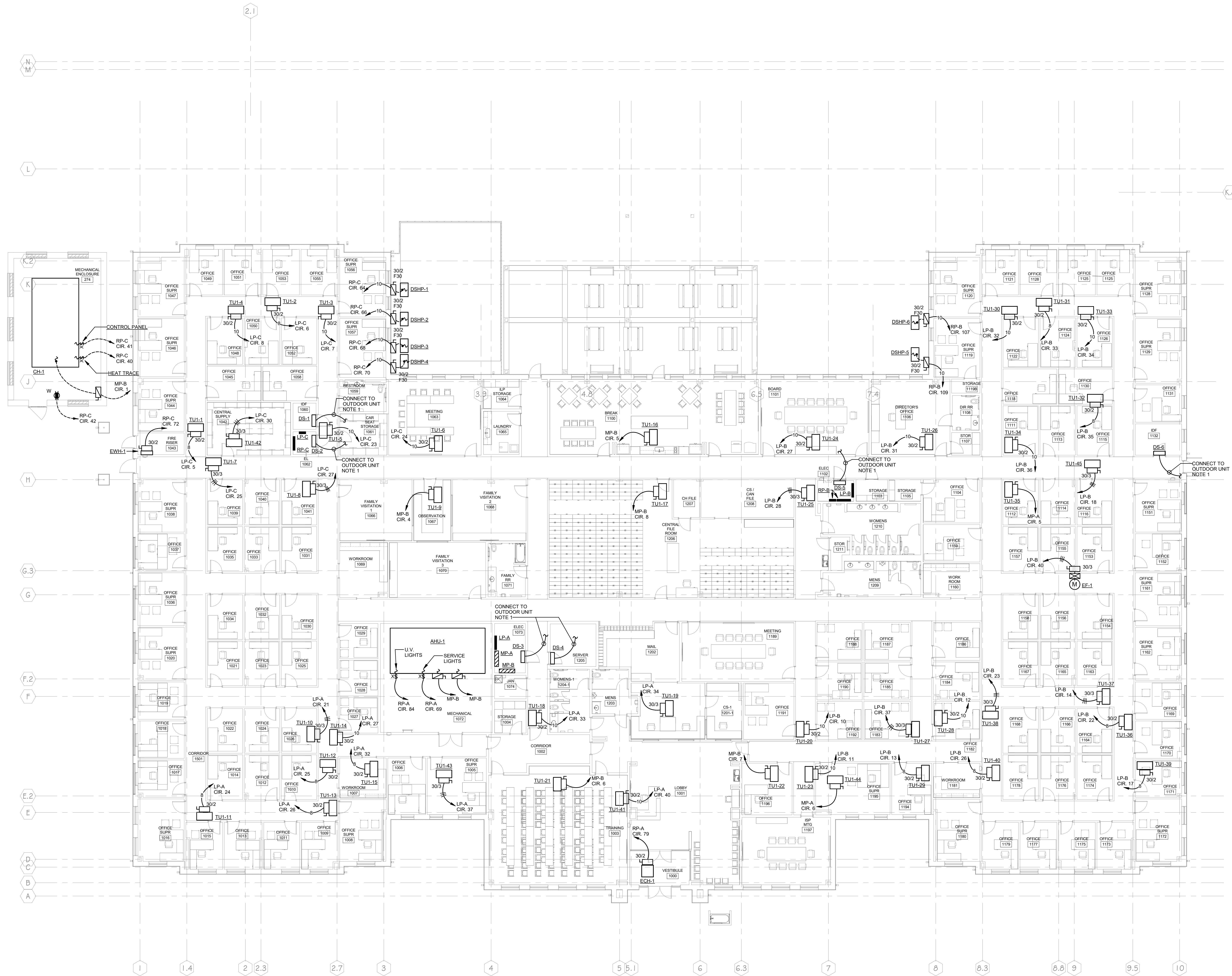
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LEVEL 1 MECHANICAL EQUIPMENT POWER PLAN

SCALE: 3/32" = 1'-0"



NOTES THIS SHEET ONLY

1. INSTALL 3-POLE DISCONNECT AT ALL DS UNITS WITH WIRING AS REQUIRED IN 1" CONDUIT TO OUTDOOR UNIT.



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MECHANICAL PLAN

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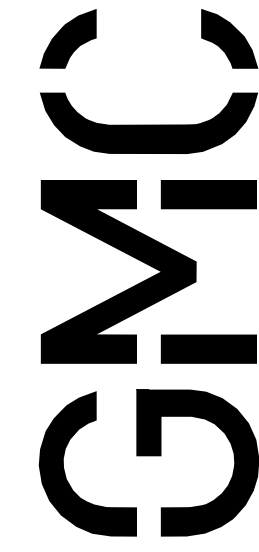
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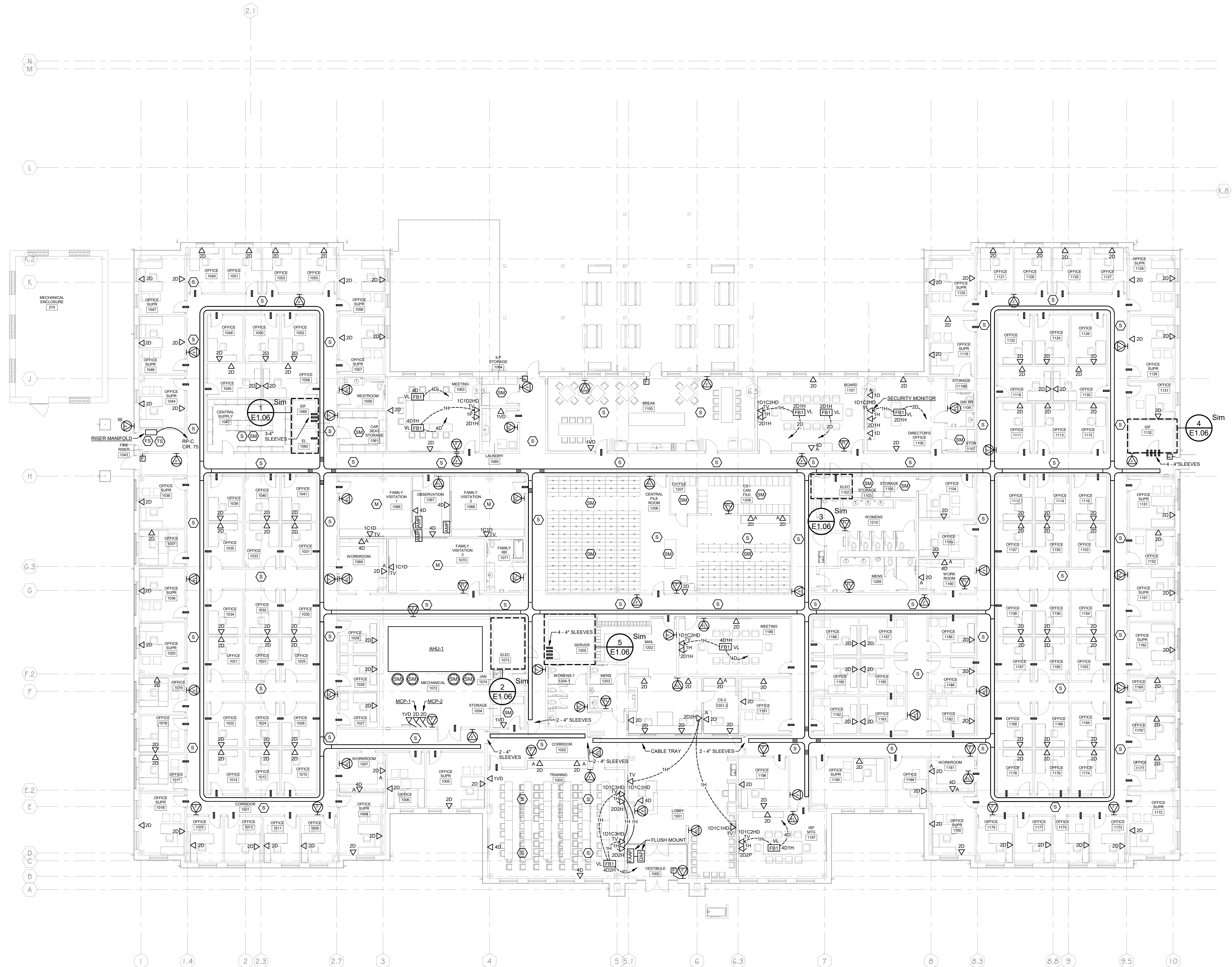
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1 LEVEL 1 AUXILIARY PLAN
E1.04 SCALE: 3/32" = 1'-0"



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AUXILIARY PLAN

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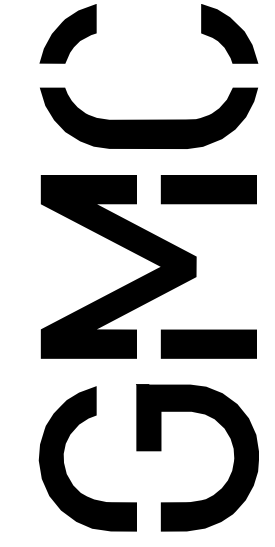
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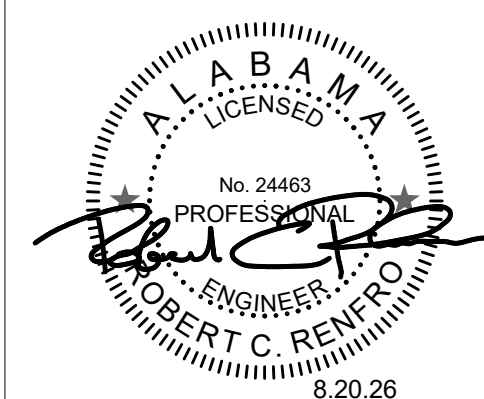
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SECURITY PLAN

E1.05

shoot

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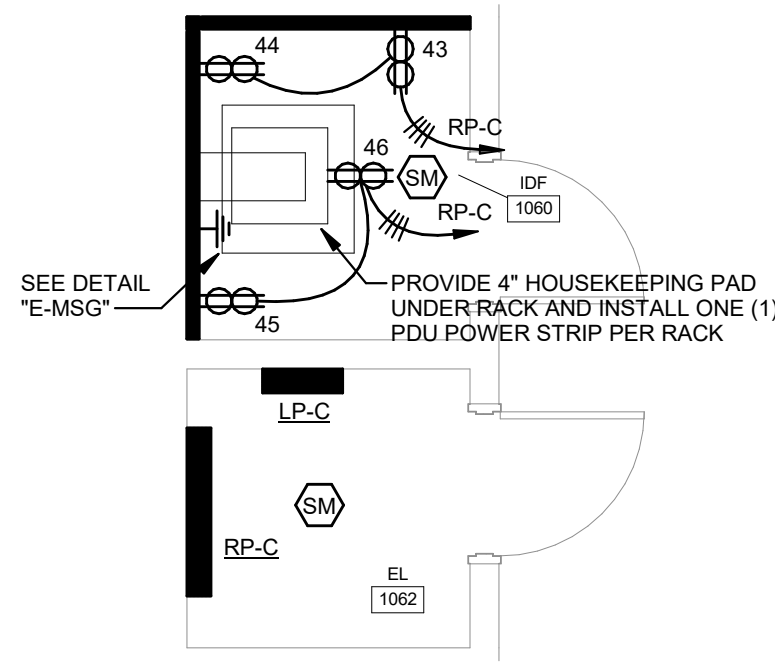


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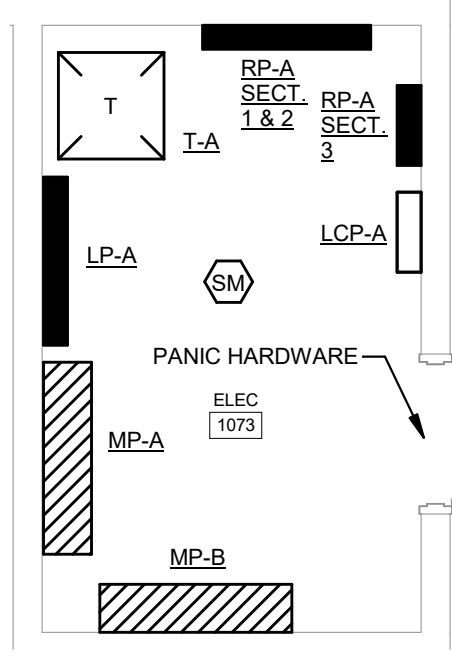
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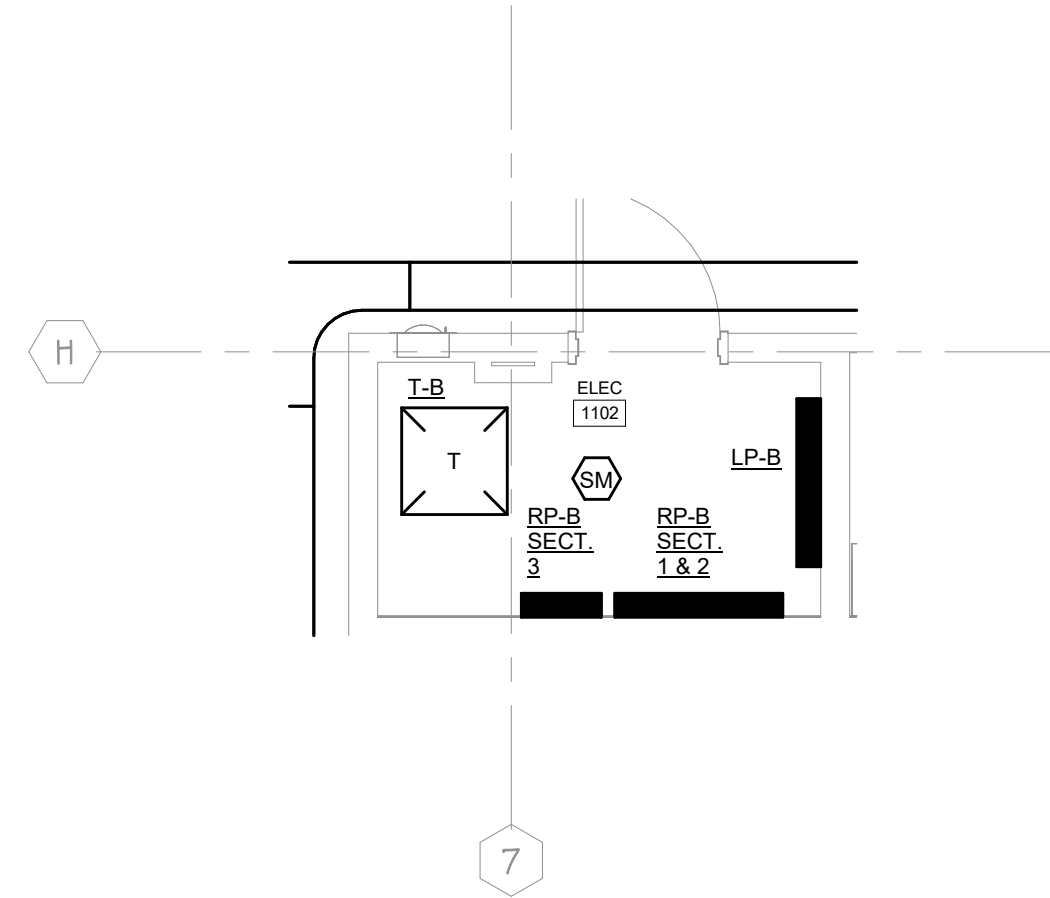
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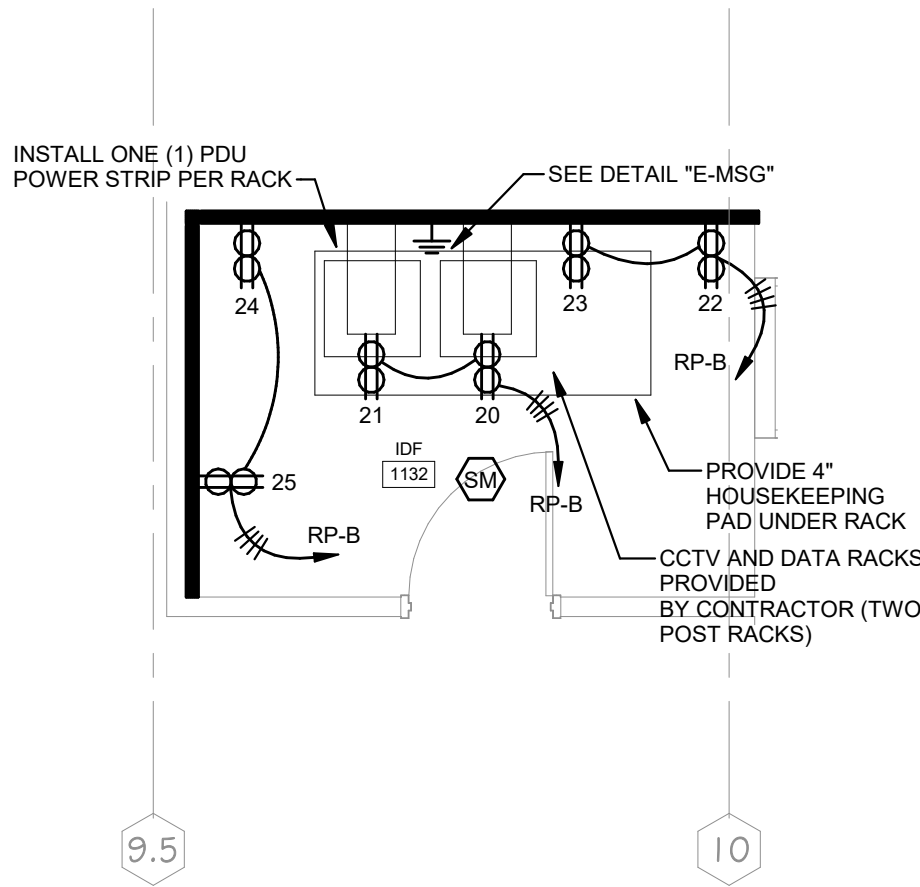
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ELEC 1079 AND IDF 1077 LARGE SCALE ELEC PLAN
SCALE: 1/4" = 1'-0"



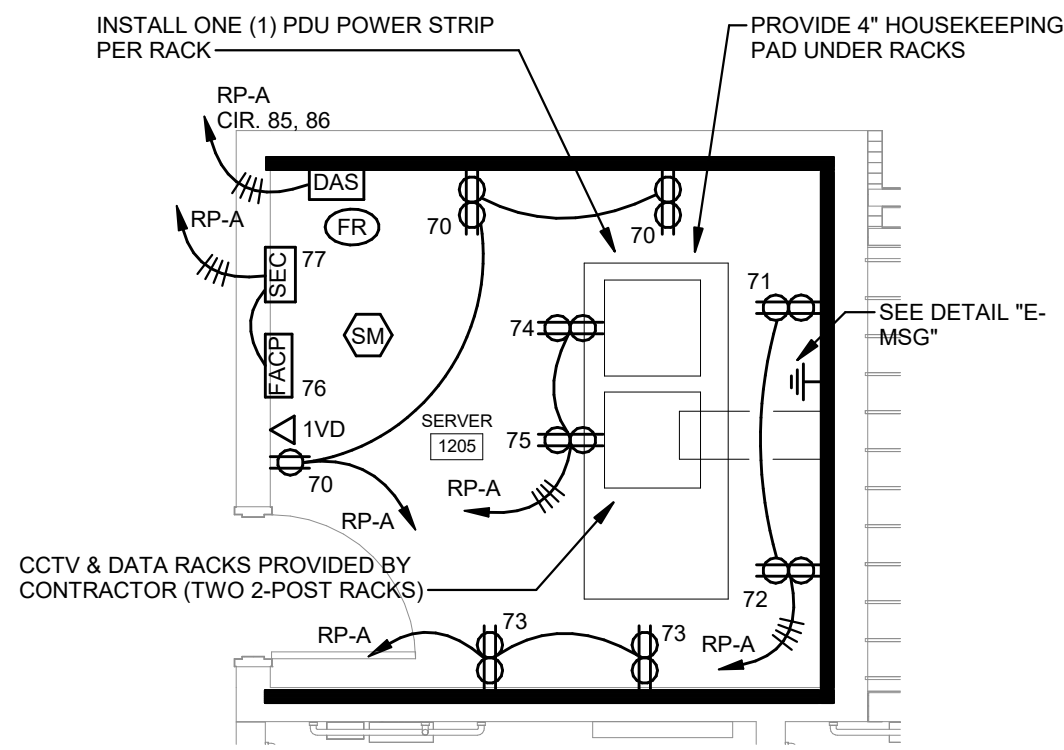
2
E1.06
ELEC 1088 LARGE SCALE ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"



3
E1.06
ELEC 1104 LARGE SCALE ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"



4
E1.06
IDF 1150 LARGE SCALE ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"



5
E1.06
SERVER 1090 LARGE SCALE ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"



JACKSON,
RENFRO
& ASSOCIATES, INC.
141 VILLAGE STREET • SUITE 1 • BIRMINGHAM, ALABAMA 35242

ROBERT RENFRO, PE
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TRAJON NO. 223753
AL ELEC. REG. NO. 17016

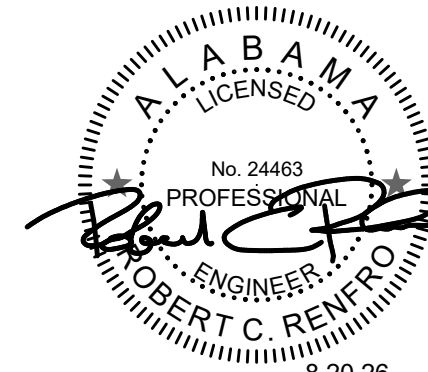
LARGE SCALE
ELECTRICAL PLANS

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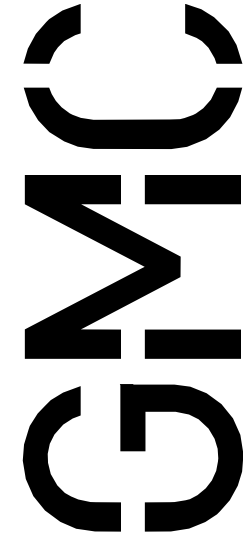
HOUSTON COUNTY DHR
PROJECT ADDRESS PENDING

GMC # ABHM250019
SBC # [ENTER VALUE]



ISSUE DATE
BID SET 08.20.2026

DRAWN BY: SNJ
CHECKED BY: RCR



2400 5th Avenue South, Suite 200
Birmingham, AL 35233
T 205.879.4462
GMCNETWORK.COM

PANELBOARD SCHEDULE - LP-B (SECT. 1)												
PANEL TYPE: SQUARE D' TYPE NF				AIC RATING:		30KAIC (MINIMUM)						
VOLTAGE: 277/480V-3P-4W				MOUNTING:		SURFACE						
AMPS & TYPE: 400 AMP - M.L.O				LOCATION:		SEE PLANS						
FED FROM:				MP-A		FEEDER:		SEE PANELBOARD SCHEDULE - MP-A				
CKT. NO.	NOTES	BKR	DESCRIPTION	WATTS	PHASE	WATTS	DESCRIPTION	BKR	NOTES	CKT. NO.		
1	-	20/1	OFFICE LIGHTING	2,500	A	7,500	TU1-36	35/1	-	22		
2	-	20/1	OFFICE LIGHTING	2,350	B	3,167	TU1-38	15/3	-	23		
3	-	20/1	OFFICE LIGHTING	2,400	C	3,167			-	24		
4	-	20/1	OFFICE LIGHTING	1,600	A	3,167			-	25		
5	-	20/1	OFFICE LIGHTING	1,700	B	8,000	TU1-40	40/1	-	26		
6	-	20/1	CORRIDOR LIGHTING	1,800	C	6,500	TU1-24	30/1	-	27		
7	-	20/1	CORRIDOR EM LIGHTING	1,000	A	3,000	TU1-25	15/3	-	28		
8	-	20/1	CORRIDOR LIGHTING	900	B	3,000			-	29		
9	-	20/1	CORRIDOR EM LIGHTING	500	C	3,000			-	30		
10	-	25/1	TU1-20	5,500	A	6,000	TU1-26	30/1	-	31		
11	-	30/1	TU1-23	6,000	B	5,500	TU1-30	25/1	-	32		
12	-	25/1	TU1-28	4,500	C	7,000	TU1-31	35/1	-	33		
13	-	40/1	TU1-29	8,000	A	4,500	TU1-33	25/1	-	34		
14	-	15/3	TU1-37	3,000	B	7,000	TU1-32	35/1	-	35		
15	-			3,000	C	6,500	TU1-34	30/1	-	36		
16	-			3,000	A	3,167	TU1-27	15/3	-	37		
17	-	40/1	TU1-39	8,000	B	3,167			-	38		
18	-	15/3	TU1-45	3,167	C	3,167			-	39		
19	-			3,167	A	934	EF-1	15/3	-	40		
20	-			3,167	B	934			-	41		
21	-	20/1	SPARE		C	934			-	42		
LP-B (SECT. 2)												
43	-	20/1	SPARE		A	-		20/1	-	64		
44	-	20/1	SPARE		B	-		20/1	-	65		
45	-	20/1	SPARE		C	-		20/1	-	66		
46	-	20/1	SPARE		A	-		20/1	-	67		
47	-	20/1	SPARE		B	-		20/1	-	68		
48	-	20/1	SPARE		C	-		20/1	-	69		
49	-	20/1	SPARE		A	-		20/1	-	70		
50	-	20/1	SPARE		B	-		20/1	-	71		
51	-	20/1	SPARE		C	-		20/1	-	72		
52	-	20/1	-		A	-		20/1	-	73		
53	-	20/1	-		B	-		20/1	-	74		
54	-	20/1	-		C	-		20/1	-	75		
55	-	20/1	-		A	-		20/1	-	76		
56	-	20/1	-		B	-		20/1	-	77		
57	-	20/1	-		C	-		20/1	-	78		
58	-	20/1	-		A	-		20/1	-	79		
59	-	20/1	-		B	-		20/1	-	80		
60	-	20/1	-		C	-		20/1	-	81		
61	-	20/1	-		A	17,989	RP-B (75 KVA X-FORMER)	125/3	-	82		
62	-	20/1	-		B	17,989	3#1 & 1#6G - 1 1/2"		-	83		
63	-	20/1	-		C	17,989			-	84		
NOTES:				PH. A	PH. B	PH. C	TOTAL CONNECTED LOAD:		331.6 KVA			
1. PROVIDE INTEGRAL 160KA (PER PHASE) SURGE PROTECTION DEVICE.				71.024	73.874	63.624	TOTAL DEMAND LOAD:		257.0 KVA			
							TOTAL COMPUTED LOAD:		261.2 KVA			
									326.5 AMPS			

PANELBOARD SCHEDULE - RP-A (SECT. 1)												
PANEL TYPE:		SQUARE D' TYPE NQ			AIC RATING:		10KAIC (MINIMUM)		MOUNTING:		SURFACE	
VOLTAGE:		120/208V-3P-4W			LOCATION:		SEE PLANS		FEEDER:		2 SETS OF 4#3/0 & 1#2G - 2 1/2" C	
AMPS & TYPE:		400/3 MAIN BKR			FED FROM:		MP-A		CTK NO.		NOTES	
CTK NO.	NOTES	BKR	DESCRIPTION	WATTS	PHASE	WATTS	DESCRIPTION	BKR	NOTES	CTK NO.	NOTES	CTK NO.
1	-	20/1	CONVENIENCE OUTLETS	650	A	1,000	COPIER	20/1	-	22		22
2	-	20/1	CONFERENCE ROOM OUTLETS	1,400	B	400	WORKROOM OUTLETS	20/1	-	23		23
3	-	20/1	OFFICE OUTLETS	1,000	C	1,000	OFFICE OUTLETS	20/1	-	24		24
4	-	20/1	OFFICE OUTLETS	1,200	A	1,000	OFFICE OUTLETS	20/1	-	25		25
5	GFCI	20/1	DRINKING FOUNTAINS	1,000	B	1,000	OFFICE OUTLETS	20/1	-	26		26
6	-	20/1	LOBBY OUTLETS	1,200	C	1,000	OFFICE OUTLETS	20/1	-	27		27
7	-	20/1	DOOR OPERATOR	800	A	1,000	OFFICE OUTLETS	20/1	-	28		28
8	-	20/1	COPIER	1,000	B	1,000	OFFICE OUTLETS	20/1	-	29		29
9	-	20/1	LOBBY OUTLETS	1,400	C	1,000	OFFICE OUTLETS	20/1	-	30		30
10	-	20/1	OFFICE OUTLETS	1,400	A	1,000	OFFICE OUTLETS	20/1	-	31		31
11	-	20/1	COPIER	1,000	B	1,000	OFFICE OUTLETS	20/1	-	32		32
12	-	20/1	HAND DRYER	1,500	C	1,000	OFFICE OUTLETS	20/1	-	33		33
13	-	20/1	HAND DRYER	1,500	A	1,000	OFFICE OUTLETS	20/1	-	34		34
14	-	20/1	CONVENIENCE OUTLETS	1,250	B	1,000	OFFICE OUTLETS	20/1	-	35		35
15	-	20/1	TRAINING ROOM OUTLETS	1,200	C	1,000	OFFICE OUTLETS	20/1	-	36		36
16	-	20/1	TRAINING ROOM OUTLETS	800	A	1,000	OFFICE OUTLETS	20/1	-	37		37
17	-	20/1	TRAINING ROOM OUTLETS	800	B	1,000	OFFICE OUTLETS	20/1	-	38		38
18	-	20/1	TRAINING ROOM OUTLETS	600	C	1,000	OFFICE OUTLETS	20/1	-	39		39
19	-	20/1	OFFICE OUTLETS	1,000	A	1,000	OFFICE OUTLETS	20/1	-	40		40
20	-	20/1	OFFICE OUTLETS	1,000	B	1,000	OFFICE OUTLETS	20/1	-	41		41
21	-	20/1	CONVENIENCE OUTLETS	1,400	C	1,000	OFFICE OUTLETS	20/1	-	42		42
RP-A (SECT. 2)												
43	-	20/1	OFFICE OUTLETS	1,000	A	800	CONVENIENCE OUTLETS	20/1	-	64		64
44	-	20/1	OFFICE OUTLETS	1,000	B	1,500	HAND DRYER	20/1	-	65		65
45	-	20/1	OFFICE OUTLETS	1,000	C	1,200	CONVENIENCE OUTLETS	20/1	-	66		66
46	-	20/1	OFFICE OUTLETS	1,000	A	1,100	CONVENIENCE OUTLETS	20/1	-	67		67
47	-	20/1	OFFICE OUTLETS	1,000	B	1,000	CONVENIENCE OUTLETS	20/1	-	68		68
48	-	20/1	OFFICE OUTLETS	1,000	C	300	AHU-1 SERVICE LIGHTS	20/1	-	69		69
49	-	20/1	OFFICE OUTLETS	1,000	A	1,000	TBB	20/1	-	70		70
50	-	20/1	OFFICE OUTLETS	1,000	B	800	TBB	20/1	-	71		71
51	-	20/1	OFFICE OUTLETS	1,000	C	800	TBB	20/1	-	72		72
52	-	20/1	OFFICE OUTLETS	1,000	A	800	TBB	20/1	-	73		73
53	-	20/1	OFFICE OUTLETS	1,000	B	800	IT	20/1	-	74		74
54	-	20/1	OFFICE OUTLETS	1,000	C	800	IT	20/1	-	75		75
55	-	20/1	OFFICE OUTLETS	1,000	A	500	FACP	20/1	LO	76		76
56	-	20/1	OFFICE OUTLETS	1,000	B	500	SECURITY PANEL	20/1	-	77		77
57	-	20/1	OFFICE OUTLETS	1,000	C	500	MCP-1	20/1	-	78		78
58	-	20/1	FAMILY VISITATION OUTLETS	1,200	A	1,500	ECH-1	20/2	-	79		79
59	-	20/1	WORKROOM OUTLETS	400	B	1,500			-	80		80
60	-	20/1	COPIER	1,000	C	500	MCP-2	20/1	-	81		81
61	-	20/1	FAMILY VISITATION OUTLETS	1,200	A	2,250	EVW-1	30/2	-	82		82
62	-	20/1	OBSERVATION OUTLETS	800	B	2,250			-	83		83
63	-	20/1	FAMILY VISITATION OUTLETS	1,200	C	800	UV LIGHTS	20/1	-	84		84
RP-A (SECT. 3)												
85	LO	20/1	DAS	400	A	-		20/1	-	106		106
86	LO	20/1	DAS	400	B	-		20/1	-	107		107
87	EGFI	20/1	RPZ	500	C	-		20/1	-	108		108
88	EGFI	20/1	RPZ	500	A	-		20/1	-	109		109
89	-	20/1	SPARE		B	-		20/1	-	110		110
90	-	20/1	SPARE		C	-		20/1	-	111		111
91	-	20/1	SPARE		A	-		20/1	-	112		112
92	-	20/1	SPARE		B	-		20/1	-	113		113
93	-	20/1	SPARE		C	-		20/1	-	114		114
94	-	20/1	SPARE		A	-		20/1	-	115		115
95	-	20/1	-		B	-		20/1	-	116		116
96	-	20/1	-		C	-		20/1	-	117		117
97	-	20/1	-		A	-		20/1	-	118		118
98	-	20/1	-		B	-		20/1	-	119		119
99	-	20/1	-		C	-		20/1	-	120		120
100	-	20/1	-		A	-		20/1	-	121		121
101	-	20/1	-		B	-		20/1	-	122		122
102	-	20/1	-		C	-		20/1	-	123		123
103	-	20/1	-		A	13,558	RP-C	225/3	-	124		124
104	-	20/1	-		B	13,558	4#4/0 & 1#4G - 2 1/2" C		-	125		125
105	-	20/1	-		C	13,558			-	126		126
NOTES:				PH. A	PH. B	PH. C	TOTAL CONNECTED LOAD:			144.2 KVA		
1. PROVIDE INTEGRAL 160KA SPD.				44,158	42,358	41,458	TOTAL DEMAND LOAD:			90.4 KVA		
2. "GFCI" = GROUND-FAULT BREAKER (5mA TRIP).							TOTAL COMPUTED LOAD:			251.1 KVA		
3. "EGFI" = GROUND-FAULT BREAKER (30mA TRIP).										90.8 KVA		
4. "LO" = LOCK-ON HARDWARE.										252.2 KVA		

K
J
H
G
F
E
D
C
B
A

PANELBOARD SCHEDULE - RP-C (SECT. 1)												
PANEL TYPE:			SQUARE D' TYPE NQ			AIC RATING: 10KAC (MINIMUM)						
VOLTAGE			120/208V-3P-4W			MOUNTING SURFACE						
AMPS & TYPE:			225 AMP - M.L.O			LOCATION: SEE PLANS						
FED FROM			RP-A			FEEDER: SEE PANELBOARD SCHEDULE - RP-A (SECT. 1)						
CKT. NO.	NOTES	BKR	DESCRIPTION	WATTS	PHASE	WATTS	DESCRIPTION	BKR	NOTES	CKT. NO.		
1	-	20/1	CONVENIENCE OUTLETS	750	A	2,500	DRYER	30/2	GFCI	22		
2	-	20/1	OFFICE OUTLETS	1,000	B	2,500			GFCI	23		
3	-	20/1	CONVENIENCE OUTLETS	600	C	1,500	WASHER	20/1	GFCI	24		
4	-	20/1	OFFICE OUTLETS	1,000	A	1,200	BREAKROOM OUTLETS	20/1	-	25		
5	-	20/1	OFFICE OUTLETS	1,000	B	1,500	REFRIGERATOR	20/1	GFCI	26		
6	-	20/1	OFFICE OUTLETS	1,000	C	1,500	MICROWAVE	20/1	GFCI	27		
7	-	20/1	OFFICE OUTLETS	1,000	A	1,500	MICROWAVE	20/1	GFCI	28		
8	-	20/1	OFFICE OUTLETS	1,000	B	1,500	MICROWAVE	20/1	GFCI	29		
9	-	20/1	OFFICE OUTLETS	1,000	C	1,500	KITCHEN OUTLETS	20/1	-	30		
10	-	20/1	OFFICE OUTLETS	1,000	A	1,500	KITCHEN OUTLETS	20/1	-	31		
11	-	20/1	OFFICE OUTLETS	1,000	B	1,500	COFFEE MAKER	20/1	-	32		
12	-	20/1	OFFICE OUTLETS	1,000	C	1,500	REFRIGERATOR	20/1	GFCI	33		
13	-	20/1	OFFICE OUTLETS	1,000	A	1,000	ICE MACHINE	20/1	GFCI	34		
14	-	20/1	OFFICE OUTLETS	1,000	B	1,000	VENDING MACHINE	20/1	GFCI	35		
15	-	20/1	OFFICE OUTLETS	1,000	C	600	BREAKROOM OUTLETS	20/1	-	36		
16	-	20/1	OFFICE OUTLETS	1,000	A	500	IRRIGATION CONTROLLER	20/1	-	37		
17	-	20/1	HAND DRYER	1,500	B	750	CONVENIENCE OUTLETS	20/1	-	38		
18	-	20/1	CONVENIENCE OUTLETS	800	C	200	EXTERIOR FANS	20/1	-	39		
19	-	20/1	CONFERENCE ROOM OUTELTS	1,000	A	1,000	HEAT TRACE	20/1	EGFI	40		
20	-	20/1	FLOOR BOXES	800	B	500	CHILLER CONTROL PANEL	20/1	-	41		
21	-	20/1	CONVENIENCE OUTLETS	1,000	C	200	CHILLER CONVENIENCE OUTLET	20/1	-	42		
RP-C (SECT. 2)												
43	-	20/1	TBB	400	A	973	DSHP-1	30/2	-	64		
44	-	20/1	TBB	400	B	973			-	65		
45	-	20/1	TBB	400	C	973	DSHP-2	30/2	-	66		
46	-	20/1	TBB	400	A	973			-	67		
47	-	20/1	SPARE		B	973	DSHP-3	30/2	-	68		
48	-	20/1	SPARE		C	973			-	69		
49	-	20/1	SPARE		A	973	DSHP-4	30/2	-	70		
50	-	20/1	SPARE		B	973			-	71		
51	-	20/1	SPARE		C	500	EVH-1	20/1	-	72		
52	-	20/1	SPARE		A			20/1	-	73		
53	-	20/1	-		B	600	CONVENIENCE OUTLETS	20/1	-	74		
54	-	20/1	-		C	500	FIRE RISE MANIFOLD	20/1	-	75		
55	-	20/1	-		A			20/1	-	76		
56	-	20/1	-		B			20/1	-	77		
57	-	20/1	-		C			20/1	-	78		
58	-	20/1	-		A	-	-	20/1	-	79		
59	-	20/1	-		B	-	-	20/1	-	80		
60	-	20/1	-		C	-	-	20/1	-	81		
61	-	20/1	-		A	-	-	20/1	-	82		
62	-	20/1	-		B	-	-	20/1	-	83		
63	-	20/1	-		C	-	-	20/1	-	84		
NOTES:				PH. A	PH. B	PH. C	TOTAL CONNECTED LOAD:				56.9 KVA	
1. PROVIDE INTEGRAL 160KA SPD.				19,669	20,469	16,746	TOTAL DEMAND LOAD:				40.5 KVA	
2. "GFCI" = GROUND-FAULT BREAKER (5mA TRIP).							TOTAL COMPUTED LOAD:				40.7 KVA	
											113.0 AMPS	

TRANSFORMER SCHEDULE							
MARK	SIZE (KVA)	DESCRIPTION	PRIMARY VOLTAGE & PHASE	SECONDARY VOLTAGE & PHASE	PANEL FED	MOUNTING	REMARKS
T-A	112.5	DRY-TYPE	480V-3P-3W	120/208V-3P-4W	RP-A	FLOOR	#2
T-B	75	DRY-TYPE	480V-3P-3W	120/208V-3P-4W	RP-B	FLOOR	#2
TRANSFORMER SCHEDULE NOTES:							
1. EXACT TRANSFORMER LOCATIONS SHALL BE FIELD COORDINATED TO PROVIDE CODE-REQUIRED CLEARANCES AND WORKING SPACES AROUND TRANSFORMERS AND ADJACENT EQUIPMENT (SUCH AS PANELBOARDS).							
2. ALL TRANSFORMERS SHALL BE MOUNTED ON VIBRATION ISOLATORS PER SPECIFICATION REQUIREMENTS.							

LIGHTING CONTROL PANEL SCHEDULE - LCP-A										
MARK	DESCRIPTION	PANEL	CIRCUIT	AUTOMATIC CONTROL		OVERRIDE ON		OVERRIDE OFF		REMARKS
				ON	OFF	STATION	BUTTON	STATION	BUTTON	
R1	ENTRY LIGHTING	LP-A	9	OWNER	OWNER					
R2	EXTERIOR LIGHTING	LP-A	11	OWNER	OWNER					
R3	EXTERIOR LIGHTING	LP-A	12	OWNER	OWNER					
R4	EXTERIOR LIGHTING	LP-A	13	OWNER	OWNER					
R5	PARKING LOT LIGHTING	LP-A	14	DUSK	DAWN					
R6	PARKING LOT LIGHTING	LP-A	15	DUSK	MIDNIGHT					
R7	PARKING LOT LIGHTING	LP-A	16	DUSK	DAWN					
R8	PARKING LOT LIGHTING	LP-A	17	DUSK	MIDNIGHT					
R9	ENTRY SIGN LIGHTING	LP-A	18	OWNER	OWNER					
R10	FLAG LIGHTING	LP-A	19	DUSK	DAWN					
R11	MONUMENT SIGN	LP-A	20	OWNER	OWNER					
R12	SPARE									
R13	SPARE									
R14	SPARE									
R15	SPARE									
R16	SPARE									
R17	SPARE									
R18	SPARE									
R19	SPARE									
R20	SPARE									
R21	SPARE									
R22	SPARE									
R23	SPARE									
R24	SPARE									
NOTES:										
1. VERIFY SCHEDULING TIMES WITH OWNER PRIOR TO PROGRAMMING SYSTEM										

PANELBOARD SCHEDULE - RP-B (SECT. 1)												
PANEL TYPE: SQUARE D' TYPE NQ					AIC RATING: 10KAC (MINIMUM)							
VOLTAGE 120/208V-3P-4W					MOUNTING SURFACE							
AMPS & TYPE: 300/3 MAIN BKR					LOCATION: SEE PLANS							
FED FROM: LP-B					FEEDER: 4-350MCM& 1#2G - 3" C							
CKT. NO	NOTES	BKR	DESCRIPTION	WATTS	PHASE	WATTS	DESCRIPTION	BKR	NOTES	CKT NO		
1	-	20/1	BOARD ROOM OUTLETS	1,000	A	400	TBB	20/1	-	22		
2	-	20/1	BOARD ROOM OUTLETS	800	B	400	TBB	20/1	-	23		
3	-	20/1	OFFICE OUTLETS	1,000	C	400	TBB	20/1	-	24		
4	-	20/1	OFFICE OUTLETS	1,000	A	400	TBB	20/1	-	25		
5	-	20/1	CONVENIENCE OUTLETS	1,000	B	1,000	OFFICE OUTLETS	20/1	-	26		
6	-	20/1	OFFICE OUTLETS	1,000	C	1,000	OFFICE OUTLETS	20/1	-	27		
7	-	20/1	OFFICE OUTLETS	1,000	A	1,000	OFFICE OUTLETS	20/1	-	28		
8	-	20/1	CONVENIENCE OUTLETS	1,400	B	1,500	CONVENIENCE OUTLETS	20/1	-	29		
9	-	20/1	OFFICE OUTLETS	1,000	C	1,500	HAND DRYER	20/1	-	30		
10	-	20/1	OFFICE OUTLETS	1,000	A	1,050	CONVENIENCE OUTLETS	20/1	-	31		
11	-	20/1	OFFICE OUTLETS	1,000	B	1,400	CONVENIENCE OUTLETS	20/1	-	32		
12	-	20/1	OFFICE OUTLETS	1,000	C	1,000	DRINKING FOUNTAINS	20/1	GFCI	33		
13	-	20/1	OFFICE OUTLETS	1,000	A	1,500	HAND DRYER	20/1	-	34		
14	-	20/1	OFFICE OUTLETS	1,000	B	1,000	OFFICE OUTLETS	20/1	-	35		
15	-	20/1	OFFICE OUTLETS	1,000	C	1,000	OFFICE OUTLETS	20/1	-	36		
16	-	20/1	OFFICE OUTLETS	1,000	A	1,000	COPIER	20/1	-	37		
17	-	20/1	OFFICE OUTLETS	1,000	B	400	WORKROOM OUTLETS	20/1	-	38		
18	-	20/1	OFFICE OUTLETS	1,000	C	1,500	HAND DRYER	20/1	-	39		
19	-	20/1	OFFICE OUTLETS	1,000	A		SPARE	20/1	-	40		
20	-	20/1	IT	400	B		SPARE	20/1	-	41		
21	-	20/1	IT	400	C		SPARE	20/1	-	42		
RP-B (SECT. 2)												
43	-	20/1	OFFICE OUTLETS	1,000	A	1,000	OFFICE OUTLETS	20/1	-	64		
44	-	20/1	OFFICE OUTLETS	1,000	B	1,000	OFFICE OUTLETS	20/1	-	65		
45	-	20/1	OFFICE OUTLETS	1,000	C	1,000	OFFICE OUTLETS	20/1	-	66		
46	-	20/1	OFFICE OUTLETS	1,000	A	1,000	OFFICE OUTLETS	20/1	-	67		
47	-	20/1	OFFICE OUTLETS	1,000	B	1,000	OFFICE OUTLETS	20/1	-	68		
48	-	20/1	OFFICE OUTLETS	1,000	C	1,000	OFFICE OUTLETS	20/1	-	69		
49	-	20/1	OFFICE OUTLETS	1,000	A	1,000	OFFICE OUTLETS	20/1	-	70		
50	-	20/1	OFFICE OUTLETS	1,000	B	1,000	OFFICE OUTLETS	20/1	-	71		
51	-	20/1	OFFICE OUTLETS	1,000	C	1,000	OFFICE OUTLETS	20/1	-	72		
52	-	20/1	OFFICE OUTLETS	1,000	A	1,000	OFFICE OUTLETS	20/1	-	73		
53	-	20/1	OFFICE OUTLETS	1,000	B	400	WORKROOM OUTLETS	20/1	-	74		
54	-	20/1	OFFICE OUTLETS	1,000	C	1,000	CONVENIENCE OUTLETS	20/1	-	75		
55	-	20/1	OFFICE OUTLETS	1,000	A	1,000	OFFICE OUTLETS	20/1	-	76		
56	-	20/1	OFFICE OUTLETS	1,000	B	1,000	OFFICE OUTLETS	20/1	-	77		
57	-	20/1	OFFICE OUTLETS	1,000	C	1,400	CONFERENCE ROOM OUTLETS	20/1	-	78		
58	-	20/1	OFFICE OUTLETS	1,000	A	1,000	OFFICE OUTLETS	20/1	-	79		
59	-	20/1	OFFICE OUTLETS	1,000	B	1,000	OFFICE OUTLETS	20/1	-	80		
60	-	20/1	OFFICE OUTLETS	1,000	C	1,000	OFFICE OUTLETS	20/1	-	81		
61	-	20/1	OFFICE OUTLETS	1,000	A	1,000	OFFICE OUTLETS	20/1	-	82		
62	-	20/1	OFFICE OUTLETS	1,000	B	1,000	OFFICE OUTLETS	20/1	-	83		
63	-	20/1	OFFICE OUTLETS	1,000	C	1,000	OFFICE OUTLETS	20/1	-	84		
RP-B (SECT. 3)												
85	-	20/1	OFFICE OUTLETS	1,000	A		SPARE	20/1	-	106		
86	-	20/1	OFFICE OUTLETS	1,000	B	973	DSPH-5	30/2	-	107		
87	-	20/1	OFFICE OUTLETS	1,000	C	973	I	I	-	108		
88	-	20/1	OFFICE OUTLETS	1,000	A	973	DSPH-6	30/2	-	109		
89	-	20/1	CONVENIENCE OUTLETS	1,400	B	973	I	I	-	110		
90	-	20/1	SPARE		A			20/1	-	111		
91	-	20/1	SPARE		B			20/1	-	112		
92	-	20/1	SPARE		C			20/1	-	113		
93	-	20/1	SPARE		A			20/1	-	114		
94	-	20/1	SPARE		B			20/1	-	115		
95	-	20/1	SPARE		C			20/1	-	116		
96	-	20/1	-		C	-	-	20/1	-	117		
97	-	20/1	-		A	-	-	20/1	-	118		
98	-	20/1	-		B	-	-	20/1	-	119		
99	-	20/1	-		C	-	-	20/1	-	120		
100	-	20/1	-		A	-	-	20/1	-	121		
101	-	20/1	-		B	-	-	20/1	-	122		
102	-	20/1	-		C	-	-	20/1	-	123		
103	-	20/1	-		A	-	-	20/1	-	124		
104	-	20/1	-		B	-	-	20/1	-	125		
105	-	20/1	-		C	-	-	20/1	-	126		
NOTES:				PH. A		PH. B		PH. C		TOTAL CONNECTED LOAD: 88.6 KVA		
1. PROVIDE INTEGRAL 160KA SPD.				29,323		30,046		29,173		246.0 AMP'S		
2. "GFCI" = GROUND-FAULT BREAKER (5mA TRIP).										53.7 KVA		
3. DEMAND BREAKER(S) SHALL BE										149.2 AMP'S		
EQUIPMENT-PROTECTION GFI-TYPE (30mA TRIP).										54.0 KVA		
										149.9 AMP'S		

LIGHTING FIXTURE SCHEDULE									
MARK	MANUFACTURER	CATALOG NUMBER	VOLTAGE	WATTS	LAMPS LUMENS	TYPE	MOUNTING HEIGHT	MOUNTING TYPE	REMARKS
A1	LITHONIA COLUMBIA DAY-BRITE	2ALL4 CTRF-30L-EZ1	277	25	3,000	LED 3500K	CEILING	RECESSED	
A1E	LITHONIA COLUMBIA DAY-BRITE	2ALL4 CTRF-30L-EZ1-EL	277	25	3,000	LED 3500K	CEILING	RECESSED	EM
A2	LITHONIA COLUMBIA DAY-BRITE	2ALL4 CTRF-40L-EZ1	277	32	4,000	LED 3500K	CEILING	RECESSED	
A2E	LITHONIA COLUMBIA DAY-BRITE	2ALL4 CTRF-40L-EZ1-EL	277	32	4,000	LED 3500K	CEILING	RECESSED	EM
A3	LITHONIA COLUMBIA DAY-BRITE	2ALL4 CTRF-48L-EZ1	277	40	4,800	LED 3500K	CEILING	RECESSED	
B1	LITHONIA COLUMBIA DAY-BRITE	2ALL2-20L-EZ1	277	18	2,000	LED 3500K	CEILING	RECESSED	
B1E	LITHONIA COLUMBIA DAY-BRITE	2ALL2-20L-EZ1	277	18	2,000	LED 3500K	CEILING	RECESSED	EM
B2	LITHONIA COLUMBIA DAY-BRITE	2ALL2-33L-EZ1	277	29	3,300	LED 3500K	CEILING	RECESSED	
B2E	LITHONIA COLUMBIA DAY-BRITE	2ALL2-33L-EZ1-EL	277	29	3,300	LED 3500K	CEILING	RECESSED	EM
CF	BIGASS FANS	HAUKU- OUTDOOR CEILING FAN WITH LIGHT PACKAGE	120	21	1,361	LED	AS DIRECTED BY ARCHITECT	PENDANT	FSA WET LOCATION
D	GOTHAM PRESCOLITE OMEGA	EV04-35/15-AR-LSS-WD-MVOLT-EZ1	277	14	1,527	LED 3500K	CEILING	RECESSED	FSA
DE	GOTHAM PRESCOLITE OMEGA	EV04-35/15-AR-LSS-WD-MVOLT-EZ1-EL	277	14	1,527	LED 3500K	CEILING	RECESSED	EM FSA
D2	GOTHAM PRESCOLITE OMEGA	EV04-40/15-AR-LSS-WD-MVOLT-EZ1	277	14	1,527	LED 4000K	CEILING	RECESSED	FSA
D2E	GOTHAM PRESCOLITE OMEGA	EV04-40/15-AR-LSS-WD-MVOLT-EZ1-EL	277	14	1,527	LED 4000K	CEILING	RECESSED	EM FSA
E	GOTHAM PRESCOLITE OMEGA	EV04-35/07-AR-LSS-WD-EZ1	277	8	800	LED 3500K	CEILING	RECESSED	FSA
EE	GOTHAM PRESCOLITE OMEGA	EV04-35/07-AR-LSS-WD-EZ1-EL	277	8	800	LED 3500K	CEILING	RECESSED	EM FSA
ES	GOTHAM PRESCOLITE OMEGA	EV04SH-35/20-DFR-SMO	277	20	1,684	LED 3500K	CEILING	RECESSED	NON-CONDUCTIVE
F2	LITHONIA COLUMBIA DAY-BRITE	WL2-22L	277	21	2,200	LED 3500K	CEILING	SURFACE	
F4	LITHONIA COLUMBIA DAY-BRITE	WL4-30L	277	29	3,000L	LED 3500K	CEILING	SURFACE	
F4E	LITHONIA COLUMBIA DAY-BRITE	WL4-30L-EL7L	277	29	3,000L	LED 3500K	CEILING	SURFACE	EM
G	INSIGHT LIGHTING	ESXLO-**K-DL-EA-18"-48-DIM	277	17	1,610	LED 4000K	ABOVE BUILDING ENTRY SIGN	OUTLET BOX	FSA WET LOCATION
K	VISALIGHTING	OW1307-L40K(L)-MVOLT	277	25	2,200	LED 4000K	AS DIRECTED BY ARCHITECT	OUTLET BOX	FSA
P	BROWNLEE LIGHTING	2600-48-**-H63-**-35K-DIM TO 1%	277	63	7,428	LED 3500K	AS DIRECTED BY ARCHITECT	PENDANT	FSA
SL	MARK ARCHITECTURAL LIGHTING	SL4L-LOP-**FT-RLP-TG-35K-600LMF-LENGTH AS INDICATED ON PLANS	277	6WFT	644 LFT	LED 3500K	CEILING	RECESSED	MOUNTED IN GRID
SL2	MARK ARCHITECTURAL LIGHTING	SL4L-LOP-**FT-RLP-FL-35K-600LMF-LENGTH AS INDICATED ON PLANS	277	6WFT	644 LFT	LED 3500K	CEILING	RECESSED	MOUNTED IN GYPSUM
T	BROWNLEE LIGHTING	5165-24-**-H16-35K	277	16	1,874	LED 3500K	ABOVE MIRROR	OUTLET BOX	FSA
UC	LED LINEAR	LUMINARIS - LD15 CONTOUR 5660 PROVIDE WITH TRANSFORMER	277	15	485 LFT	LED 3500K	UNDER CABINET	OUTLET BOX	UC
W	LITHONIA COLUMBIA DAY-BRITE	WST-LED-P1-40K-VF	277	12	1,494	LED 4000K	AS DIRECTED BY ARCHITECT	OUTLET BOX	FSA
WE	LITHONIA COLUMBIA DAY-BRITE	WST-LED-P1-40K-VF-E7WH	277	12	1,494	LED 4000K	AS DIRECTED BY ARCHITECT	OUTLET BOX	EM FSA
X1	LITHONIA COLUMBIA DAY-BRITE	EDG-1-GMR-EL	277	FURNISHED BY MANUFACTURER			CEILING OR ABOVE DOOR	OUTLET BOX	EMX FSA
X2	LITHONIA COLUMBIA DAY-BRITE	EDG-2-GMR-EL	277	FURNISHED BY MANUFACTURER			CEILING OR ABOVE DOOR	OUTLET BOX	EMX FSA
Y2	LITHONIA KM	DSX1 LED-P3-40K-T2M-MVOLT-SPA-HS	277	102	13,605	LED 4000K	MOUNT ON 28 FOOT SQUARE STEEL POLE SEE DETAIL "E-LP1"		FSA
Y4	LITHONIA KM	DSX1 LED-P3-40K-T4M-MVOLT-SPA-HS	277	102	13,968	LED 4000K	MOUNT ON 28 FOOT SQUARE STEEL POLE SEE DETAIL "E-LP1"		FSA
Z	VISTA PROFESSIONAL LIGHTING	1045-XXMF-40-B-MV-ND-HS	277	21	1,807	LED 4000K	GRADE	CONCRETE ANCHOR BASE	FSA
Z1	VISTA PROFESSIONAL LIGHTING	1045-XXWF-40-A-MV-ND	277	16	1,163	LED 4000K	GRADE	CONCRETE ANCHOR BASE	FSA
LIGHTING FIXTURE SCHEDULE GENERAL NOTES: 1. CONTRACTOR SHALL COORDINATE ALL FIXTURE MOUNTING PROVISIONS WITH THE ASSOCIATED CEILING TYPE(S) PRIOR TO ORDERING FIXTURES. 2. ALL FIXTURES AND DRIVERS SHALL BE RATED FOR OPERATION IN AMBIENT TEMPERATURES UP TO 55 DEGREES FAHREUS. 3. TO ENSURE PROPER COORDINATION AND LONG TERM SUPPORT FOR THE OWNER, ALL LIGHTING FIXTURES SHALL BE PURCHASED THROUGH MANUFACTURER'S REPRESENTATIVES AND DISTRIBUTORS LOCATED WITHIN ONE HUNDRED & FIFTY (150) MILES OF THE PROJECT SITE. SUBMITTALS RECEIVED THAT DO NOT COMPLY WITH THIS REQUIREMENT WILL BE REJECTED WITHOUT REVIEW. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DELAYS CAUSED BY NON-COMPLIANCE WITH THIS REQUIREMENT.									
LIGHTING FIXTURE SCHEDULE KEYED NOTES: EM EMERGENCY FIXTURE. PROVIDE EMERGENCY BATTERY PACK RATED FOR AT LEAST 500 LUMENS. EMX EMERGENCY FIXTURE. PROVIDE EMERGENCY BATTERY PACK RATED FOR AT LEAST 90 MINUTES OF OPERATION. FSA PROVIDE FINISH AS SELECTED BY ARCHITECT. UC FURNISH THE GREATER QUANTITY OF ONE (1) TYPE "UC" FIXTURE PER CABINET SECTION OR ONE PER 24" OF LINEAR CABINET FOR LENGTH OF CABINET INDICATED ON PLANS. FIELD-COORDINATE EXACT LOCATIONS WITH CABINetry TO COORDINATE WITH UNDERCABINET MOUNTING STRUCTURE AND TO PROVIDE UNIFORM UNDERCABINET LIGHTING LEVELS									

NORMAL		EMERGENCY	
		FIXTURE OUTLET - SURFACE OR PENDANT MOUNTED LIGHT FIXTURE.	
		FIXTURE OUTLET - RECESSED LIGHT FIXTURE.	
		FIXTURE OUTLET - LINEAR - SURFACE OR PENDANT MOUNTED LIGHT FIXTURE.	
		FIXTURE OUTLET - LINEAR - RECESSED LIGHT FIXTURE.	
		FIXTURE OUTLET - WALL MOUNTED LIGHT FIXTURE.	
		FIXTURE OUTLET - POLELIGHT - SINGLE FIXTURE.	
		FIXTURE OUTLET - EXIT SIGN - CEILING OR WALL MOUNTED AS INDICATED - QUANTITY AND ORIENTATION OF FACES AND DIRECTIONAL ARROWS AS INDICATED.	
FIXTURE OUTLET DESIGNATIONS:			
A FIXTURE TYPE "A" - MAY BE USED WITH OTHER TYPES.			
b SWITCH LEG TO WHICH FIXTURE IS CONNECTED - MAY BE USED WITH OTHER LOWER-CASE			
LETTERS			
Z CIRCUIT NUMBER - MAY BE USED WITH OTHER NUMBERS.			
DL INDICATES FIXTURE CONTROLLED BY DAYLIGHTING SENSOR.			
EM EMERGENCY FIXTURE.			
NL NIGHT LIGHT - DO NOT SWITCH.			
PC INDICATES FIXTURE CONTROLLED BY PHOTO-CELL.			
SL SECURITY LIGHT - DUSK-TO-DAWN OPERATION.			
		SWITCH OUTLET - S.P.S.T. - 20A - 120-277VAC.	
		SWITCH OUTLET - 3 WAY - 20A - 120-277VAC.	
		SWITCH OUTLET - 4 WAY - 20A - 120-277VAC.	
		SWITCH OUTLET - CONTROLS OUTLET "a", ETC.	
		SWITCH OUTLET - MANUAL MOTOR STARTER - TOGGLE TYPE - 2 POLE - SQUARE "D" TYPE K01 WITH ENCLOSURE AS REQUIRED BY APPLICATION - PROVIDE LOCK-OFF HARDWARE.	
		SWITCH OUTLET - MANUAL MOTOR STARTER - TOGGLE TYPE - 3 POLE - SQUARE "D" TYPE K02 WITH ENCLOSURE AS REQUIRED BY APPLICATION - PROVIDE LOCK-OFF HARDWARE.	
		SWITCH OUTLET - OCCUPANCY SENSOR WITH MANUAL OVERRIDE - S.P.S.T. - 120-277VAC - P.I.R. SENSOR - ACUTY N-LIGHT OR EQUAL - RATED 800W AT 120VAC AND 1200W AT 277VAC - GREY WITH STAINLESS STEEL COVERPLATE.	
		LIGHTING CONTROL SYSTEM - SWITCH OUTLET - LOW VOLTAGE - DIGITAL - BUTTONS AS REQUIRED FOR INDEPENDENT ON/OFF CONTROL OF EACH ZONE IN SPACE - CONNECT TO ASSOCIATED ROOM CONTROLLER PER DIAGRAM "E-RC".	
		LIGHTING CONTROL SYSTEM - SWITCH OUTLET - LOW VOLTAGE - DIGITAL - BUTTONS AS REQUIRED FOR INDEPENDENT DIMMING AND ON/OFF CONTROL OF EACH ZONE IN SPACE - CONNECT TO ASSOCIATED ROOM CONTROLLER PER DIAGRAM "E-RC".	
		SWITCH OUTLET - FAN SPEED CONTROL ARCHITECTURAL PRESET DIMMER - 7.5A - 120VAC - S.P.S.T. - LEVITON RENIOR SERIES - DO NOT REMOVE HEAT-DISSIPATING FINs - VERIFY THAT LOAD DOES NOT EXCEED SWITCH RATING PRIOR TO ORDERING.	
		SWITCH OUTLET - 0-10V ARCHITECTURAL PRESET SLIDER DIMMER - 120VAC - S.P.S.T. - UNLESS INDICATED OTHERWISE - EXACT DIMMER TYPE TO BE COMPATIBLE WITH ASSOCIATED LOAD TO PROVIDE FLICKER-FREE DIMMING.	
		PHOTOELECTRIC CONTROL - LOW VOLTAGE - COMPATIBLE WITH LIGHTING CONTROL PANEL.	
		LIGHTING CONTROL PANEL.	
		LIGHTING CONTROL SYSTEM - ROOM CONTROLLER - LOW VOLTAGE - ACUTY N-LIGHT OR EQUAL - MOUNT AS DIRECTED BY SUPPLIER ABOVE CEILING - PROVIDE WITH POWER PACK - MAKE ALL CONNECTIONS (LOW VOLTAGE AND LINE VOLTAGE) TO CONTROL LOCAL LIGHTING AS DIRECTED BY SUPPLIER - SEE DETAIL "E-RC".	
		LIGHTING CONTROL SYSTEM - NETWORKED ON/OFF ROOM CONTROLLER(S) - LOW VOLTAGE - ACUTY N-LIGHT OR EQUAL - MOUNT AS DIRECTED BY SUPPLIER ABOVE ACCESSIBLE CEILING - PROVIDE ALL INTERCONNECTIONS (LOW VOLTAGE AND LINE VOLTAGE) TO SENSORS, CONTROL SWITCHES, LIGHT FIXTURES, ETC. TO CONTROL LOCAL LIGHTING AND TO NETWORK TO CENTRAL LIGHTING CONTROL SYSTEM AS DIRECTED BY SUPPLIER - SEE DETAIL "E-RC".	
		LIGHTING CONTROL SYSTEM - DIMMING ROOM CONTROLLER - LOW VOLTAGE - ACUTY N-LIGHT OR EQUAL - MOUNT AS DIRECTED BY SUPPLIER ABOVE CEILING - PROVIDE WITH POWER PACK - MAKE ALL CONNECTIONS (LOW VOLTAGE AND LINE VOLTAGE) TO CONTROL LOCAL LIGHTING AS DIRECTED BY SUPPLIER - SEE DETAIL "E-RC".	
		LIGHTING CONTROL SYSTEM - OCCUPANCY SENSOR - LOW VOLTAGE - DUAL TECHNOLOGY (P.I.R. AND ULTRASONIC) - EXACT SENSOR TYPE AND LOCATION SHALL BE CHOSEN BY LIGHTING CONTROL SYSTEM SUPPLIER FOR PROPER COVERAGE - MOUNT AS DIRECTED BY SUPPLIER - PROVIDE WITH POWER PACK(S) LOCATED ABOVE CEILING IN ACCESSIBLE LOCATION(S) AS REQUIRED TO CONTROL ALL LOCAL LIGHTING - MAKE ALL CONNECTIONS (LOW VOLTAGE AND LINE VOLTAGE) TO CONTROL LOCAL LIGHTING AS DIRECTED BY SUPPLIER - SEE DETAIL "E-RC" - ACUTY N-LIGHT OR EQUAL.	
		LIGHTING CONTROL SYSTEM - DAYLIGHTING SENSOR - CEILING OR WALL MOUNTED AS INDICATED - EXACT MOUNTING PROVISIONS, SENSOR TYPE AND LOCATION SHALL BE AS DIRECTED BY SUPPLIER FOR PROPER COVERAGE - DIGITAL DIMMING - WATTSTOPPER LMS SERIES - CONNECT TO ASSOCIATED ROOM CONTROLLER SIMILAR TO DIAGRAM "E-RC".	
		WALL OUTLET - DUPLEX RECEPTACLE - 20A - 125V - 2P - 3W - GROUNDING - TAMPER RESISTANT - NEMA 5-20R.	
		WALL OUTLET - DUPLEX RECEPTACLE - 20A - 125V - 2P - 3W - GROUNDING - TAMPER RESISTANT - NEMA 5-20R - LOCATE ADJACENT TO AV OUTLET.	
		WALL OUTLET - DOUBLE DUPLEX RECEPTACLE - 20A - 125V - 2P - 3W - GROUNDING - TAMPER RESISTANT - TWO (2) NEMA 5-20R - SINGLE PLATE.	
		WALL OUTLET - DOUBLE DUPLEX RECEPTACLE - 20A - 125V - 2P - 3W - GROUNDING - TAMPER RESISTANT - "GFI" TYPE - WEATHER RESISTANT - TWO (2) NEMA 5-20R - SINGLE PLATE.	
		WALL OUTLET - SINGLE RECEPTACLE - 30A - 125/250V - 1Ø - 3P - 4W - GROUNDING - NEMA 14-30R.	
		WALL OUTLET - SINGLE RECEPTACLE - 15A - 125V - 2P - 3W - GROUNDING - CLOCK OUTLET - HUBBELL HBL5235.	
		MULTISERVICE FLOOR BOX - SEE DETAIL "E-FB1". "TVDO" REPRESENTS REQUIRED COMMUNICATIONS JACK CONFIGURATION - PROVIDE COMMUNICATIONS JACKS, CABLEING ETC. PER COMMUNICATION OUTLET LEGEND AT "E-CO".	
		COMMUNICATIONS OUTLET - SEE DETAIL "E-CO". "TVD" REPRESENTS REQUIRED COMMUNICATIONS JACK CONFIGURATIONS.	
		CONDUIT SLEEVE - SIZE AS INDICATED ON PLAN (2" MINIMUM) WITH NYLON BUSHING ON BOTH ENDS - SEAL FIRE BARRIER PENETRATIONS INSIDE OF SLEEVE IN ACCORDANCE WITH A U.L. LISTED ASSEMBLY.	
		CABLE TRAY - SEE SPECIFICATIONS.	
		TELEPHONE BACKBOARD - 8" H X 34" THICK X LENGTH AS SHOWN ON PLANS - FINISH WITH TWO (2) COATS FIRE-RETARDANT ENAMEL PAINT - PAINT COLOR TO MATCH SURROUNDING WALLS.	