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05/05/2023

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MATERIALS KEYING/ GENERAL NOTES

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GRAPHIC LEGEND

NORTH ARROW TRUE NORTH PLAN NORTH	MAIN EGRESS OCCUPANT LOAD	ROOM EGRESS OCCUPANT LOAD	PROPERTY LINE TAG N 90° 00' 00" E Distance
WINDOW SYMBOL	REVISION SYMBOL	NOTE SYMBOL	CEILING TAG CH: 10' - 0"
DOOR SYMBOL	TOILET ACCESSORY	DETAIL ITEM	
ROOM IDENTIFICATION Room name ROOM NO. 101 150 SF ROOM NAME AREA		SECTION CUT SECTION NO. REF. SHEET	
PARTITION TYPES FIRE RATING STUD SIZE SOUND ATTENUATION PARTITION TYPE		WALL SECTION CUT SECTION NO. REF. SHEET	
STRUCTURAL GRID IDENTIFICATION GRID NUMBER / LETTER GRID LINE		DETAIL SECTION CUT SECTION NO. REF. SHEET	
SPOT ELEVATION SYMBOL (PLAN) ELEVATION	ELEVATION SYMBOL ELEVATION NO.'S		
VERTICAL ELEVATION SYMBOL (SECTION) LEVEL NAME 0' - 0"	INTERIOR ELEVATION ELEVATION NO.		
DRAWING TITLE DRAWING NUMBER DWG TITLE SCALE SHEET NO. ON WHICH THIS SECTION OR DETAIL IS DRAWN	EXTERIOR ELEVATION ELEVATION NO.		
DETAIL REFERENCE DRAWING NUMBER REFERENCE SHEET	STOREFRONT ELEVATION ELEVATION NO.		



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G006 SITE SURVEY / EXISTING PRE-SURCHARGE	L100 PLANTING PLAN	A421 ENLARGED SECTION DETAILS
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	L120 CUT & FILL PLAN	A423 ENLARGED SECTION DETAILS
		A424 ENLARGED SECTION DETAILS
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		A426 EXTERIOR PLAN DETAILS
CIVIL	ARCHITECTURAL SHEETS	A430 FURNITURE & SHELVING PLANS
C100 UTILITY PLAN	A101 SITE PLAN	A600 FINISH SCHEDULE / LEGEND / INFORMATION
C101 PAVING AND DRAINAGE DETAILS	A102 ENLARGED SITE PLANS	A601 FLOOR FINISH PLAN
C102 PAVING & DRAINAGE DETAILS	A103 ENLARGED SITE PLANS	A602 CARPET TILE LAYOUT PLAN
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SD-3 ST. BERNARD PARISH GOV. STANDARD DETAILS	A120 REFLECTED CEILING PLAN	M101 CHILLER PAD AND CW PLUMBING PLAN
SD-4 ST. BERNARD PARISH GOV. STANDARD DETAILS	A121 CEILING DETAILS	M102 OVERALL FLOOR PLAN - HVAC
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SD-7 ST. BERNARD PARISH GOV. STANDARD DETAILS	A131 ENLARGED PLANS / DETAILS	M105 ENLARGED PARTIAL FLOOR PLAN - AREA C
SD-8 ST. BERNARD PARISH GOV. STANDARD DETAILS	A150 WALL TYPES	M106 ENLARGED PARTIAL FLOOR PLAN - AREA D
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TYPICAL HATCH PATTERNS

	GYPSUM BOARD / PLASTER		PLYWOOD (SECTION VIEW)
	2x2 ACOUSTIC CEILING		RIGID INSULATION (SECTION VIEW)
	2x4 ACOUSTIC CEILING		BRICK (SECTION VIEW)
	CONCRETE		BRICK (ELEVATION)
	EARTH		CONCRETE BLOCK (ELEVATION)
	GRASS / LANDSCAPING		CONCRETE BLOCK (SECTION VIEW)
	FINISHED WOOD		STEEL (SECTION VIEW)
	BATT INSULATION		ALUMINUM (SECTION VIEW)
	CORRUGATED METAL PANEL (ELEVATION)		WOOD BLOCKING (SECTION VIEW)

ARCHITECTURAL ABBREVIATIONS

AC	AIR CONDITIONING	EXP	EXPANSION	PL	PLATE
ABV	ABOVE	EXT	EXTERIOR	PLAM	PLASTIC LAMINATE
ACOUS	ACOUSTICAL	FD	FLOOR DRAIN	PLAS	PLASTER
ACT	ACOUSTICAL CEILING TILE	FE	FIRE EXTINGUISHER CABINET	PLYWD	PLYWOOD
AD	AREA DRAIN	FHC	FIRE HOSE CABINET	PS	PROJECTION SCREEN
ADF	ABOVE FINISH FLOOR	FIN	FINISHED	PTD	PAINTED
ALT	ALTERNATE	FL	FLOOR	PTN	PARTITION
ALUM	ALUMINUM	FM	FLOOR MAT	R	RISER
ANOD	ANODIZED	FR	FRAME	RIA	RETURN AIR
AP	ACCESS PANEL	FTM	FUTURE TV MONITOR	RD	ROOF DRAIN
APPRX	APPROXIMATE	FURR	FURRED	RE, REF	REFERENCE
AVC	AUDIO VISUAL CONSOLE	FV	FIELD VERIFY	REIN	REINFORCEMENT
BD	BOARD	GA	GAGE/GAUGE	REQD	REQUIRED
BLDG	BUILDING	GALV	GALVANIZED	RM	ROOM
BLKG	BLOCKING	GC	GENERAL CONTRACTOR	RTU	ROOFTOP UNIT
BM	BEAM	GL	GLASS	SCHED	SCHEDULE(D)
BRG	BEARING	GR	GROUND ROD ACCESS BOX	SF	SAND FINISH
BRJ	BRICK RELIEF JOINT	GS	GLAZED CERAMIC TILE	SHLV	SHELVES
BRZ	BRONZE	GWB	GYPSUM WALL BOARD	SHT	SHEET
BYO	BY OWNER	GYP	GYPSUM	SIM	SIMILAR
CAB	CABINET	HC	HANDICAP	SK	SINK
CB	CATCH BASIN	HDW	HARDWARE	SM	SMOOTH
CEM	CEMENT	HM	HOLLOW METAL	SPEC	SPECIFICATIONS/SPECIFIED
CR	CERAMIC	HORIZ	HORIZONTAL	SQ	SQUARE
CHBD	CHALKBOARD	HP	HIGH POINT	SS	SERVICE SINK
CJ	CASED JOINT	HT	HEIGHT	ST STL	STAINLESS STEEL
CL	CENTER LINE	ID	INSIDE DIMENSION	STD	STANDARD
CLG	CEILING	INSUL	INSULATION	STL	STEEL
CLO	CLOSET	INT	INTERIOR	STOR	STORAGE
CMU	CONCRETE MASONRY UNIT	INV	INVERT	STRUCT	STRUCTURE/STRUCTURAL
CO	CASED OPENING	JAN	JANITOR	SUSP	SUSPENDED
COL	COLUMN	JT	JOINT	TREAD	TREAD
CONC	CONCRETE	LAM	LAMINATED	TA	TOILET ACCESSORY
CONT	CONTINUOUS	LAV	LAVATORY	TB	TACKBOARD
CONTR	CONTRACTOR	LP	LOW POINT	TC	TOP OF CURB
CO	CASED OPENING	MAX	MAXIMUM	TEMP	TEMPERED
CT	CARPET TILE	MB	MARKER BOARD	THK	THICK
DET	DETAIL	MECH	MECHANICAL	TKBD	TACKBOARD
DF	DRYWALL FURRING	MFR	MANUFACTURER	TRANS	TRANSPARENT
DIA	DIAMETER	MIN	MINIMUM	TVM	TV MONITOR
DM	DIMENSION	MIR	MIRROR	TYP	TV PROJECTOR
DN	DOWN	MISC	MISCELLANEOUS	UR	URINAL
DR	DRYWALL PARTITION	MOD	MODULE/MODULAR	UN.O.	UNLESS NOTED OTHERWISE
DP	DOOR	MONO	MONOLITHIC	UNFIN	UNFINISHED
DS	DOWNSPOUT	MNT	MASONRY PARTITION	UV	UNDERFLOOR VENT
EDF	ELECTRIC DRINKING FOUNTAIN	MT	METAL THRESHOLD	VC	VALVE CABINET
EJ	EXPANSION JOINT	MTL	METAL	VERT	VERTICAL
ELC	ELECTRICAL	MWP	MEMBRANE WATERPROOFING	VIN	VINYL
ELEV	ELEVATOR OR ELEVATION	NIC	NOT IN CONTRACT	VP	VISION PANEL
EP	ELECTRICAL PANEL	NTS	NOT TO SCALE	WI	WITH
EQ	EQUAL	OP	OPPOSITE	W/O	WITHOUT
EQUIP	EQUIPMENT	OC	ON TOP OF, OVER	WC	WATER CLOSET
EXIST	EXISTING	OD	ON CENTER	WD	WOOD
		OO	OUTSIDE DIAMETER	WDW	WINDOW
		OPNG	OPENING	WOJ	WORK OUT ON JOB
		OPP	OPPOSITE	WP	WATERPROOFING
		OV	OVERHEAD	WWF	WELDED WIRE FABRIC

PROJECT DESCRIPTION

THIS PROJECT CONSISTS OF A SINGLE STORY 26,230 SF LIBRARY FACILITY WITH A FINISH FLOOR HEIGHT OF +2'-0" (NAVJ) TO SERVE AS THE KNOWLEDGE CENTER AND INFORMATION REPOSITORY HUB FOR TECH PARISHIONERS OF ST. BERNARD PARISH. THIS FACILITY WILL REPLACE SEVERAL SMALLER FUNCTIONING LIBRARIES IN THE AREA.

THE FACILITY IS ORIENTED ON THE SITE TO PROMOTE NATURAL DAYLIGHT. LARGE GLAZED WALLS TAKE FULL ADVANTAGE OF INDIRECT NORTHERN SUNLIGHT. AMPLE PATRON PARKING IS PROVIDED WITH A SEPARATE DRIVE FOR THE AFTER HOURS BOOK DROP AND SEPARATE EMPLOYEE PARKING.

THE NEW PARISH LIBRARY FACILITY WILL HOUSE ALL THE CURRENT PARISH LIBRARY COLLECTIONS, AS WELL AS PROVIDE SEVERAL LARGE AND SMALL MEETING AREAS FOR PARISHIONERS. IN ADDITION TO THE LARGE MEETING ROOM ABLE TO SEAT 120+, A SEPARATE MULTI-PURPOSE AREA WILL BE AVAILABLE FOR VARIOUS FUNCTIONS AND ACTIVITIES. BOTH OF THESE AREAS ARE INTENDED TO BE AVAILABLE FOR AFTER HOURS USAGE.

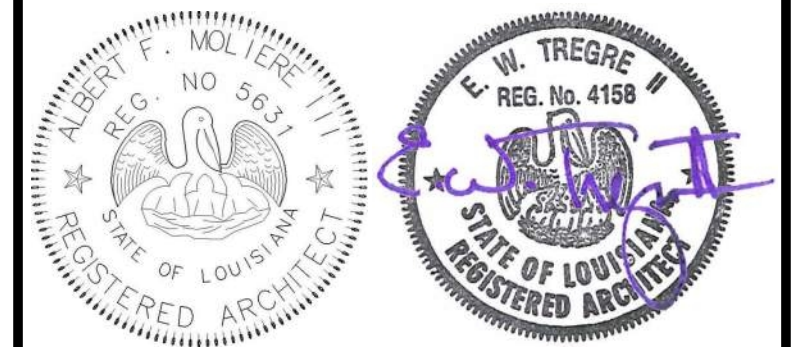
THE LIBRARY WILL INCLUDE A CHILDREN'S COLLECTION SECTION WITH A DEDICATED CHILD PROGRAMMING ROOM TO BE USED FOR THE VARIOUS CHILDREN ORIENTED ACTIVITIES AND SERVICES, AND SEPARATE TEEN AND ADULT SECTIONS WITH BOTH INDIVIDUAL AND GROUP STUDY ROOMS.

COORDINATION NOTES

- IN THE EVENT A CONSTRUCTION DRAWING CONTAINS AN ITEM OR ITEMS REFERENCING ANOTHER DISCIPLINE'S DRAWINGS, SUCH AS "REFER TO STRUCTURAL" OR "SEE CIVIL", THE CONTRACTOR SHALL HAVE ALLOWED FOR THE PROVISION OF THAT ITEM WHETHER SHOWN OR INDICATED IN THE OTHER DISCIPLINE OR NOT.
 - THIS SHALL APPLY BOTH TO ARCHITECTURAL DRAWINGS REFERENCING OTHER DISCIPLINES (LANDSCAPE, CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, ETC.) AND DRAWINGS OF OTHER DISCIPLINES REFERENCING ARCHITECTURAL DRAWINGS.
 - IN THE EVENT THE ITEM REFERENCING OTHER DISCIPLINES IS DRAWN BUT NOT SPECIFICALLY NOTED THERE OR ELSEWHERE, THE CONTRACTOR SHALL MAKE PROVISIONS OF THE ITEM BASED ON THE DRAWING INFORMATION AND DIMENSION TO SCALE, BUT ONLY TO THE EXTENT OTHER SPECIFIC INFORMATION IS NOT PROVIDED. ARCHITECTURAL DRAWINGS MAY SHOW MISCELLANEOUS STEEL USED FOR ARCHITECTURAL PURPOSES AND ARE NOT NECESSARILY SHOWN ON STRUCTURAL DRAWINGS.
- ALL ACCOMMODATIONS IN ADJACENT AND ACCESSORY WORK SHALL BE MADE TO PROVIDE FOR A COMPLETE INSTALLATION OF THE ITEM.
- IN CASE OF A DISCREPANCY WITH WORK OF OTHER DISCIPLINES, OR ONE DISCIPLINE TO ANOTHER, OR WITHIN THE WORK OF ANY DISCIPLINE, THE GREATER QUALITY OR QUANTITY OF WORK SHALL BE PROVIDED.

GENERAL NOTES

- ALL ELEVATIONS INDICATED ON THE CONSTRUCTION DRAWINGS ARE BASED UPON 100'-0" = 27.83' CAIRO DATUM.
- DIMENSIONS ON THE DRAWINGS ARE FROM FACE OF STUD, UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD PRIOR TO COMMENCING WORK. DO NOT SCALE THE DRAWINGS FOR DIMENSIONS. CONTRACTOR SHOULD TAKE DIGITAL PHOTOS OF ALL EXISTING CONDITIONS (BUILDINGS, METAL WALL PANELS, PIPE RACK, STREETS, CURBS, PAVING, DRIVEWAYS, SIDEWALKS, FENCE, GATES, TREES, ETC.) ANY DAMAGED EXISTING CONDITIONS TO REMAIN WILL REQUIRE WHOLESALE REPLACEMENT.
- THE CONTRACTOR SHALL COORDINATE ALL WORK PROCEDURES WITH THE REQUIREMENTS OF THE OWNER AND THE OWNER'S SEPARATE CONTRACTORS, IF ANY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL CONDITIONS AND MATERIALS WITHIN THE PROPOSED CONSTRUCTION AREA. THE CONTRACTOR SHALL HAVE SOLE RESPONSIBILITY FOR ANY DAMAGE OR INJURIES CAUSED BY OR DURING THE EXECUTION OF THE WORK.
- MEANS OF EGRESS: ALL MEANS OF EGRESS SHALL BE MAINTAINED CLEAR AND FREE OF ALL OBSTRUCTIONS, SUCH AS BUILDING MATERIALS, TOOLS, DEBRIS, ETC.
- ALL BUILDING MATERIALS STORED AT THE CONSTRUCTION SITE, AND/OR IN ANY AREA OF THE BUILDING ARE TO BE SECURED IN A LOCKED AREA, AND BE CLEANED UP AND CLEARED FROM THE BUILDING PERIODICALLY TO AVOID ANY EXCESSIVE ACCUMULATION.
- DUST CONTROL: DEBRIS, DIRT, AND DUST ARE TO BE KEPT TO A MINIMUM, AND BE CONFINED TO BE IMMEDIATE CONSTRUCTION AREA, AND CLEANED UP AND CLEARED FROM THE BUILDING DAILY TO AVOID ANY EXCESSIVE ACCUMULATION.
- WHERE PIPES AND CONDUITS, DUCT, ETC. PIERCE FIRE PROTECTION ENCLOSURES REFER TO "FIRESTOPPING" SECTION 0720 IN THE PROJECT.
- EXIT DOORS SHALL BE READY OPERABLE AT ALL TIMES FROM THE SIDE FROM WHICH EGRESS IS TO BE MADE.



No.	Description	Date

KEY PLAN

No.	Description	Date

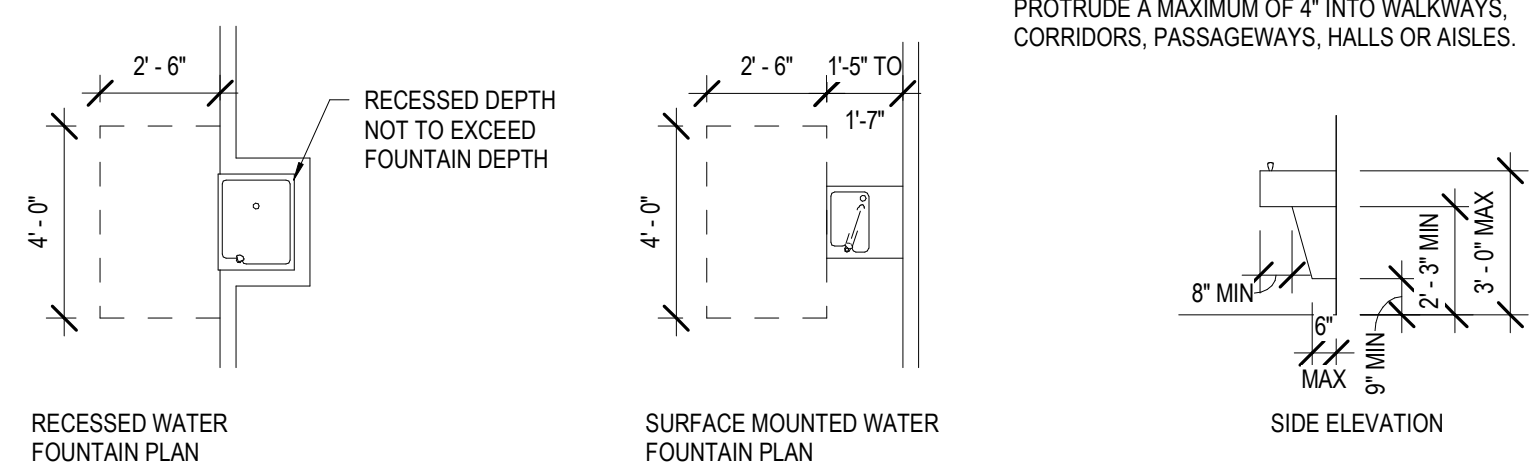
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DESIGNED BY MBA/ABM		CHECKED BY PP	
DRAWN BY AB/CF/MP/SC/RZ		DATE 05.05.2023	
SHEET TITLE INFORMATION SHEET			
PROJECT NO. MBA - 11884		SHEET NO. G002	
ABM - 201813			

DRINKING FOUNTAINS



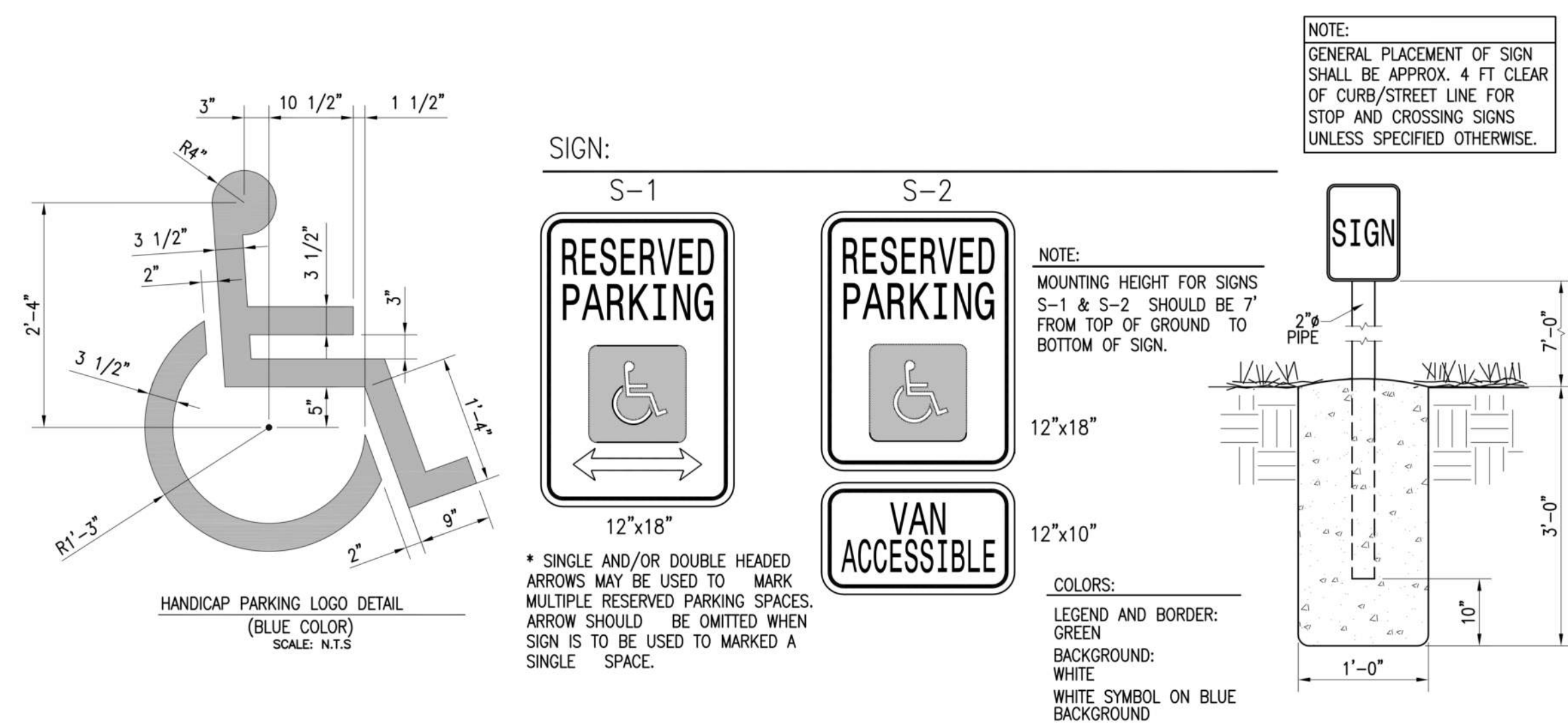
NOTE: IF MOUNTED MORE THAN 27" AFF, THE LEADING EDGE OF THE DRINKING FOUNTAIN CAN PROTRUDE A MAXIMUM OF 4" INTO WALKWAYS, CORRIDORS, PASSAGEWAYS, HALLS OR AISLES.

SEE SECTION 4.13 (1) AND 4.15 OF THE ADA ACCESSIBILITY GUIDELINES FOR ADDITIONAL INFORMATION ON DRINKING FOUNTAINS

NOTES

1. INFORMATION SHOWN ON THIS SHEET IS THE MINIMUM REQUIRED FOR ADA COMPLIANCE.
2. DIMENSIONS INDICATED ARE THE MINIMUM CLEAR DIMENSIONS REQUIRED BY THE ADA ACCESSIBILITY GUIDELINES. THE CONTRACTOR IS RESPONSIBLE FOR LAYOUT OF BUILDING ELEMENTS TO ASSURE THAT DIMENSIONS SHOWN ARE PROVIDED.
3. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL DRAWINGS AND THE INFORMATION GIVEN ON THIS SHEET.
4. DO NOT SCALE THESE DRAWINGS.
5. REFER TO FEDERAL PUBLICATION "AMERICANS WITH DISABILITIES ACT TITLE III: PUBLIC ACCOMMODATIONS" (LATEST EDITION) AND PROJECT LOCAL GOVERNING REGULATIONS FOR COMPLETE PROJECT ACCESSIBILITY REQUIREMENTS.
6. INFORMATION SHOWN ON THIS SHEET IS PROVIDED TO THE CONTRACTOR, TO COORDINATE AND VERIFY ITEMS AND CONDITIONS INDICATED IN THE CONSTRUCTION DOCUMENTS, WITH ADA COMPLIANCE.
7. ALL CONDITIONS SHOWN ON THIS SHEET MAY NOT NECESSARILY APPLY TO THIS PROJECT.

HANDICAP PARKING SYMBOLS AND SIGNAGE



NOTE: GENERAL PLACEMENT OF SIGN SHALL BE APPROX. 4 FT CLEAR OF CURB/STREET LINE FOR STOP AND CROSSING SIGNS UNLESS SPECIFIED OTHERWISE.

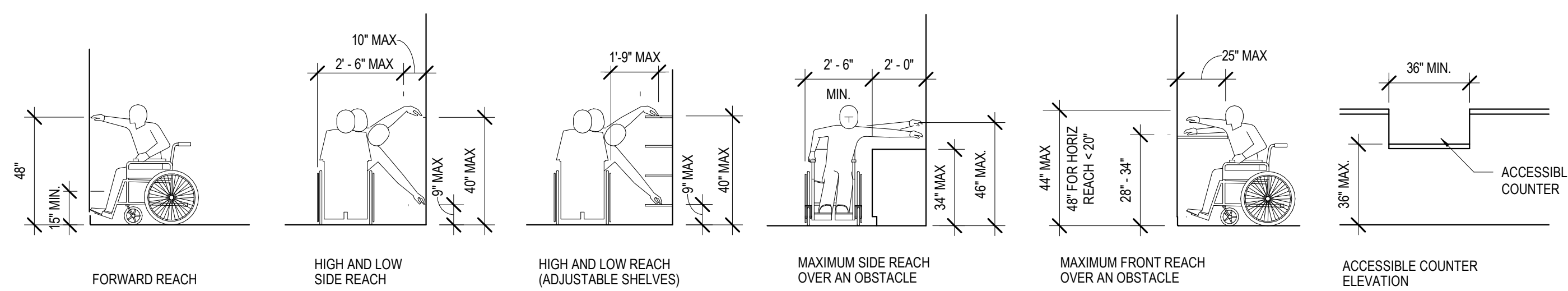
NOTE: MOUNTING HEIGHT FOR SIGNS S-1 & S-2 SHOULD BE 7' FROM TOP OF GROUND TO BOTTOM OF SIGN.

* SINGLE AND/OR DOUBLE HEADED ARROWS MAY BE USED TO MARK MULTIPLE RESERVED PARKING SPACES. ARROW SHOULD BE OMITTED WHEN SIGN IS TO BE USED TO MARK A SINGLE SPACE.

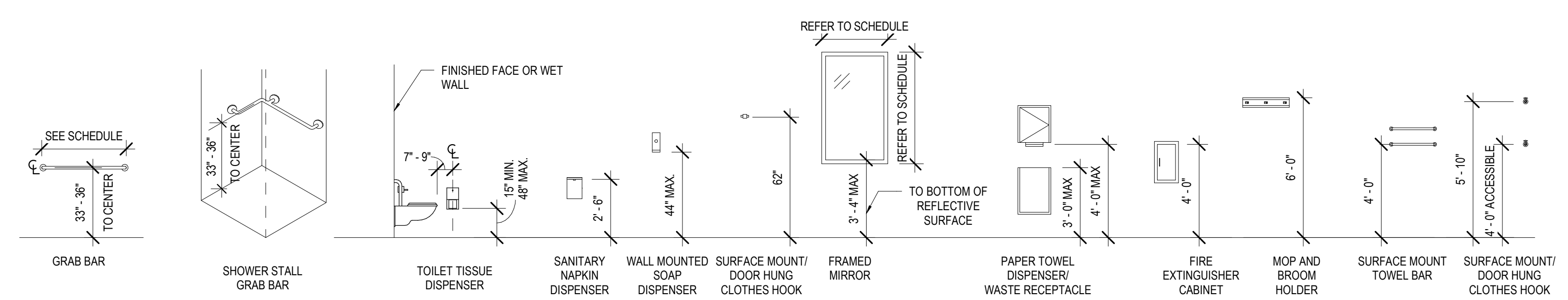
COLORS:
LEGEND AND BORDER: GREEN
BACKGROUND: WHITE
WHITE SYMBOL ON BLUE BACKGROUND

REACH LIMITATIONS ELEVATIONS

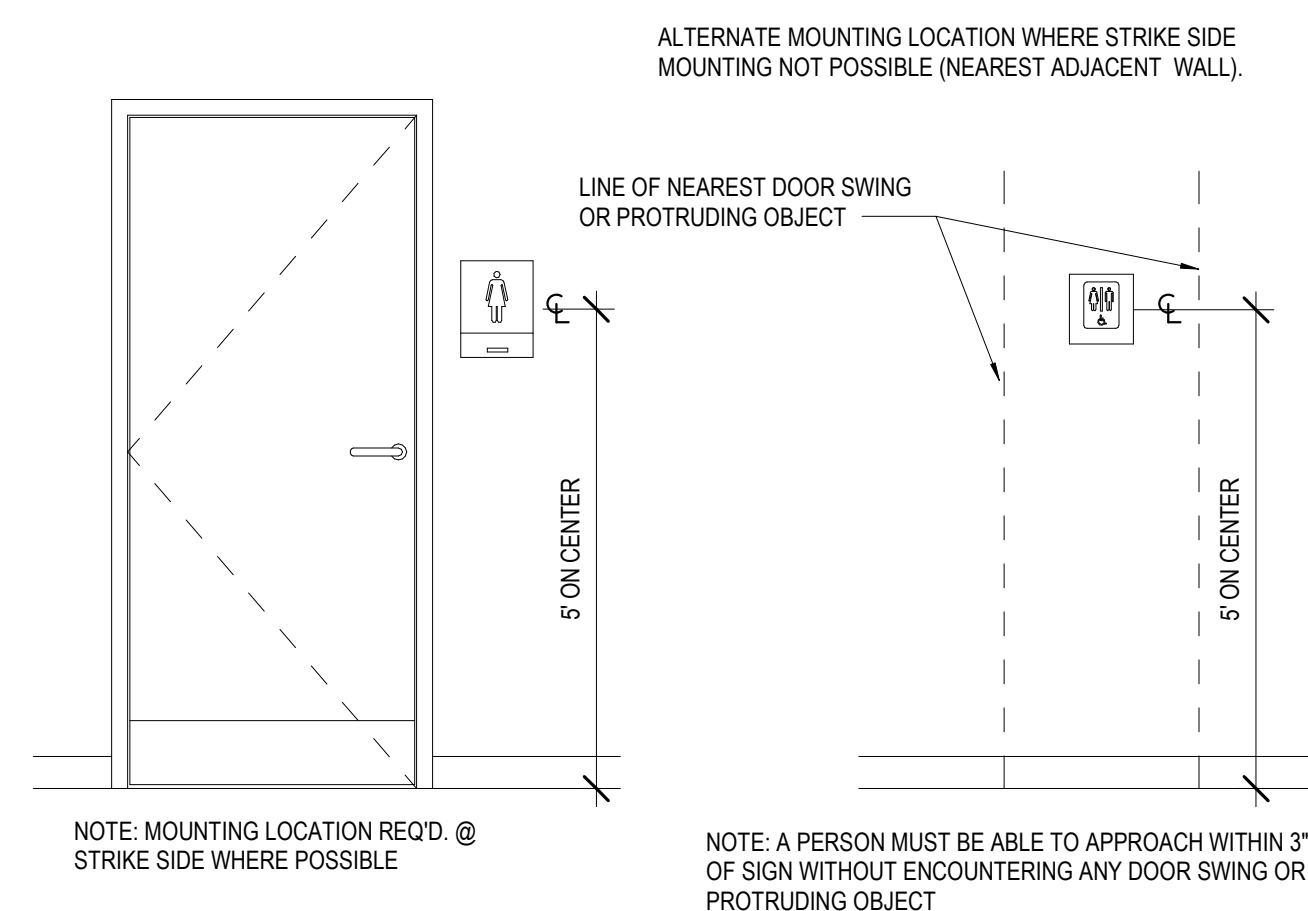
SEE SECTIONS 4.2, 4.3, 4.4 AND 4.5 OF THE A.D.A. ACCESSIBILITY GUIDELINES FOR ADDITIONAL INFORMATION PASSAGE WIDTHS, SPACE REQUIREMENTS, CLEARANCES, REACH, AND PROTRUSIONS



FIXTURE AND ACCESSORIES MOUNTING HEIGHTS



DOOR SIGNAGE (HEIGHT & LOCATION)



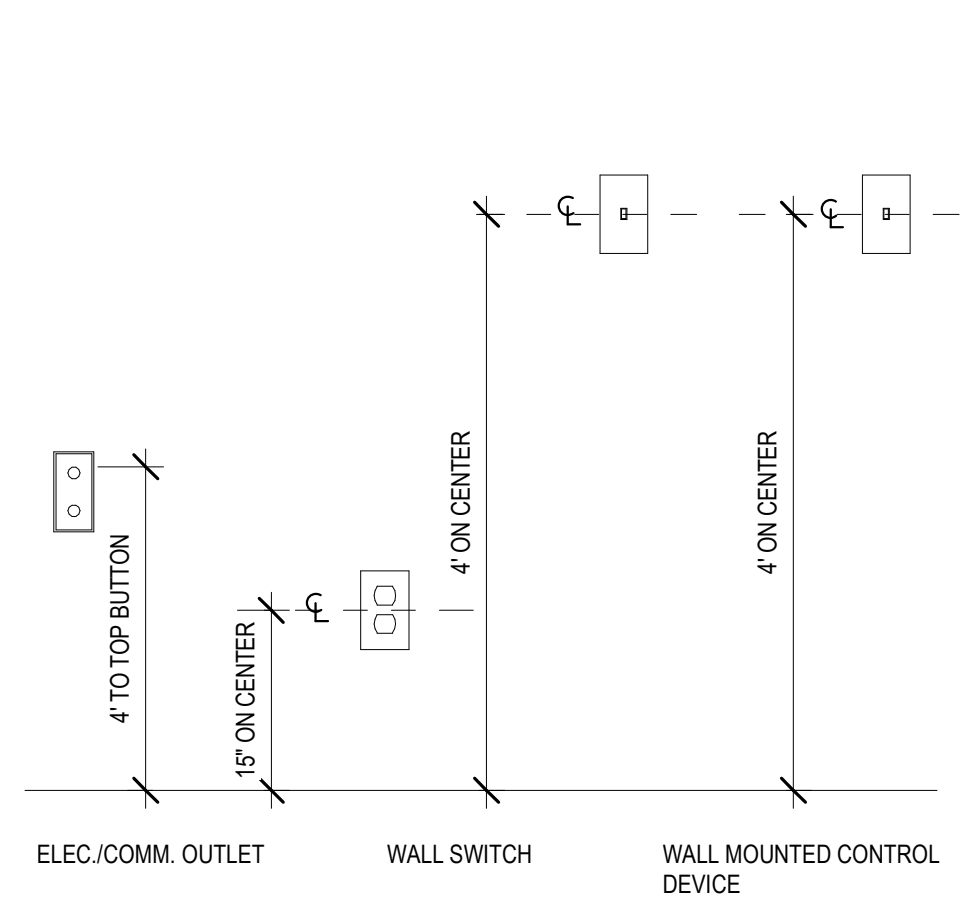
ALTERNATE MOUNTING LOCATION WHERE STRIKE SIDE MOUNTING NOT POSSIBLE (NEAREST ADJACENT WALL).

LINE OF NEAREST DOOR SWING OR PROTRUDING OBJECT

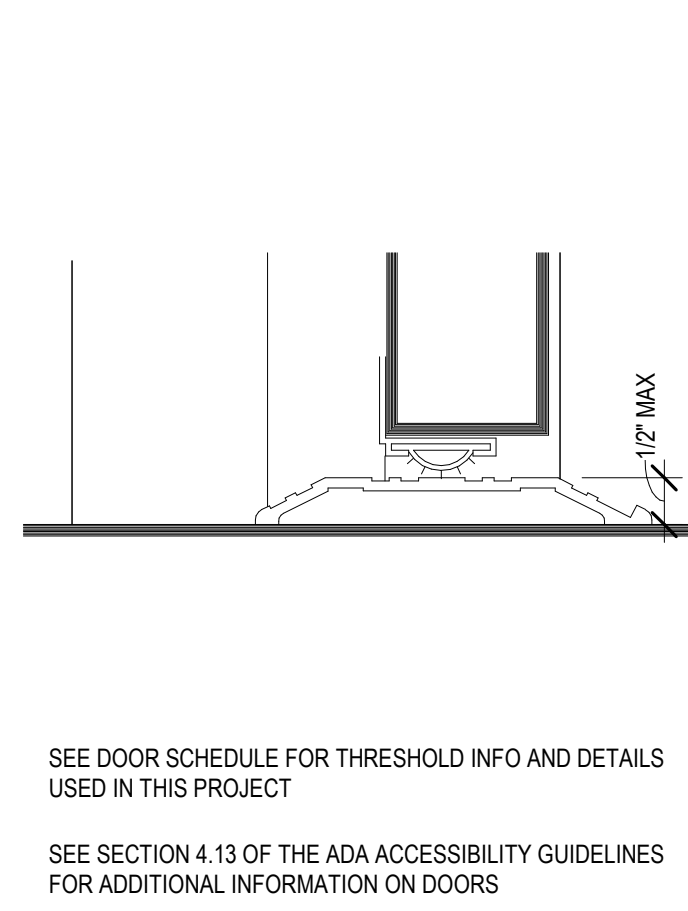
NOTE: MOUNTING LOCATION REQ'D @ STRIKE SIDE WHERE POSSIBLE

NOTE: A PERSON MUST BE ABLE TO APPROACH WITHIN 3" OF SIGN WITHOUT ENCOUNTERING ANY DOOR SWING OR PROTRUDING OBJECT

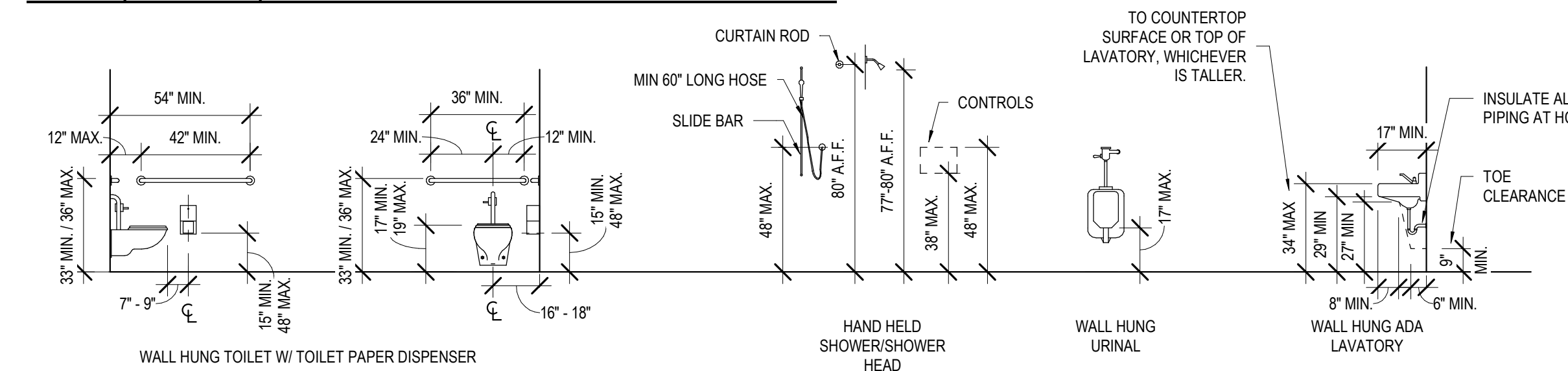
ELECTRICAL FIXTURES



DOOR THRESHOLD DETAIL



TOILET, SHOWER, URINAL & LAVATORY MOUNTING HEIGHTS



ADA DIAGRAMS



No.	Description	Date

KEY PLAN

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 Lafayette, Louisiana 70503
 337.233.0614

PROJECT TITLE

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DRAWN BY	CF/RZ	DATE	05.05.2023
SHEET TITLE	ADA DIAGRAMS		
PROJECT NO.	MBA - 11884	SHEET NO.	G003
	ABM - 201813		

OCCUPANT LOAD SCHEDULE									
OCC. LOAD CALCS USING NFPA INDIVIDUAL SPACES					OCC. LOAD CALCS USING IBC INDIVIDUAL SPACES				
Number	Name	Area	NFPA OCCUPANCY TYPE	NFPA OCC. LOAD FACTOR	NFPA OCC. LOAD	IBC OCCUPANCY TYPE	IBC OCC. LOAD FACTOR	IBC OCC. LOAD	ADDL. OCC.
101	LOBBY	1459 SF	LIBRARY - READING AREA	50	73	LIBRARY - READING AREA	50	73	
102	CORRIDOR 1	102 SF	UNOCCUPIED AREA	0	0	UNOCCUPIED AREA	0	0	
103	FAMILY RR	15 SF	UNOCCUPIED AREA	0	0	UNOCCUPIED AREA	0	0	
104	MENS	203 SF	UNOCCUPIED AREA	0	0	UNOCCUPIED AREA	0	0	
105	HVAC 1A	30 SF	UNOCCUPIED AREA	0	0	UNOCCUPIED AREA	0	0	
106	JAN	52 SF	UNOCCUPIED AREA	0	0	UNOCCUPIED AREA	0	0	
107	WOMENS	228 SF	UNOCCUPIED AREA	0	0	UNOCCUPIED AREA	0	0	
108	KITCHENETTE	130 SF	ASSEMBLY - CONCENTRATED	7	91	ASSEMBLY - CONCENTRATED	7	91	
109	MEETING ROOM	1039 SF	ASSEMBLY - CONCENTRATED	7	7273	ASSEMBLY - CONCENTRATED	7	7273	
110	HVAC 1	255 SF	UNOCCUPIED AREA	0	0	UNOCCUPIED AREA	0	0	
111	MEETING STORAGE	212 SF	STORAGE	50	106	ACCESSORY STORAGE, M. E	300	318	1
112	BOARD / CONFERENCE ROOM	347 SF	ASSEMBLY - UNCONCENTRATED	15	5205	ASSEMBLY - UNCONCENTRATED	15	5205	
113	MULTI PURPOSE ROOM	1139 SF	ASSEMBLY - UNCONCENTRATED	15	17085	ASSEMBLY - UNCONCENTRATED	15	17085	
114	AV & ELEC. CLOSET	91 SF	UNOCCUPIED AREA	0	0	ACCESSORY STORAGE, M. E	300	309	1
115	EXHIBIT, NEW BOOKS, ADULT AV, SEATING	2742 SF	LIBRARY - READING AREA	50	13710	LIBRARY - READING AREA	50	13710	
116	STAFF WORKROOM	1833 SF	BUSINESS	100	1833	BUSINESS	100	1833	
117	DATA	209 SF	UNOCCUPIED AREA	0	0	ACCESSORY STORAGE, M. E	300	318	1
118	SLIP/PORT STORAGE	293 SF	STORAGE	50	1465	ACCESSORY STORAGE, M. E	300	318	1
119	STAFF RR 2	97 SF	UNOCCUPIED AREA	0	0	UNOCCUPIED AREA	0	0	
120	STAFF RR 1	51 SF	UNOCCUPIED AREA	0	0	UNOCCUPIED AREA	0	0	
121	STAFF LOUNGE	261 SF	ASSEMBLY - UNCONCENTRATED	15	3915	ASSEMBLY - UNCONCENTRATED	15	3915	
122	CHILD PROG. STORAGE	562 SF	STORAGE	50	2810	ACCESSORY STORAGE, M. E	300	318	2
123	DIRECTOR	197 SF	BUSINESS	100	197	BUSINESS	100	197	
124	DVD FILES	139 SF	LIBRARY - READING AREA	50	695	LIBRARY - READING AREA	50	695	

OCCUPANT LOAD SCHEDULE										
OCC. LOAD CALCS USING NFPA INDIVIDUAL SPACES					OCC. LOAD CALCS USING IBC INDIVIDUAL SPACES					
Number	Name	Area	NFPA OCCUPANCY TYPE	NFPA OCC. LOAD FACTOR	NFPA OCC. LOAD	IBC OCCUPANCY TYPE	IBC OCC. LOAD FACTOR	IBC OCC. LOAD	ADDL. OCC.	
125	CHILDRENS AREA	3326 SF	LIBRARY - STACK AREA	100	3326	LIBRARY - STACK AREA	100	3326	5	
126	CHILDRENS PROGRAM	625 SF	LIBRARY - READING AREA	50	3125	LIBRARY - READING AREA	50	3125		
127	HVAC 3	208 SF	UNOCCUPIED AREA	0	0	UNOCCUPIED AREA	0	0		
128	ELECTRICAL	90 SF	UNOCCUPIED AREA	0	0	UNOCCUPIED AREA	0	0		
129	FAMILY RR	92 SF	UNOCCUPIED AREA	0	0	UNOCCUPIED AREA	0	0		
130	FAMILY RR	92 SF	UNOCCUPIED AREA	0	0	UNOCCUPIED AREA	0	0		
131	LACTATION	95 SF	BUSINESS	100	95	BUSINESS	100	95		
132	QUIET READING / SPECIAL COLLECTIONS	408 SF	LIBRARY - READING AREA	50	2040	LIBRARY - READING AREA	50	2040		
133	COLLECTION & SEATING	3535 SF	LIBRARY - STACK AREA	100	3535	LIBRARY - STACK AREA	100	3535		
134	GROUP STUDY / SOUND ROOM	151 SF	LIBRARY - READING AREA	50	755	LIBRARY - READING AREA	50	755	2	
135	STUDY 5	112 SF	LIBRARY - READING AREA	50	560	LIBRARY - READING AREA	50	560	1	
136	STUDY 4	113 SF	LIBRARY - READING AREA	50	565	LIBRARY - READING AREA	50	565	1	
137	STUDY 3	113 SF	LIBRARY - READING AREA	50	565	LIBRARY - READING AREA	50	565	1	
138	HVAC 2	216 SF	UNOCCUPIED AREA	0	0	UNOCCUPIED AREA	0	0		
139	ELEC. CLOSET	69 SF	UNOCCUPIED AREA	0	0	ACCESSORY STORAGE, M. E	300	318	1	
140	TEEN AREA	1062 SF	LIBRARY - READING AREA	50	5310	LIBRARY - READING AREA	50	5310		
141	COMPUTER LAB	586 SF	LIBRARY - READING AREA	50	2930	LIBRARY - READING AREA	50	2930		
142	STUDY 2	34 SF	LIBRARY - READING AREA	50	170	LIBRARY - READING AREA	50	170		
143	STUDY 1	35 SF	LIBRARY - READING AREA	50	175	LIBRARY - READING AREA	50	175		
144	DVD STACKS	1265 SF	LIBRARY - STACK AREA	100	1265	LIBRARY - STACK AREA	100	1265		
145	COVERED PORCH	281 SF	UNOCCUPIED AREA	0	0	UNOCCUPIED AREA	0	0		
TOTAL OCCUPANTS					629					

LIFE SAFETY PLAN GRAPHIC LEGEND

1 HR. RATED WALL
 2 HR. RATED WALL
 3 HR. RATED WALL
 UN RATED WALL
 COMMON PATH OF TRAVEL
 DEAD END CORRIDOR
 EXIT SEPARATION DISTANCE
 ROOM DIAGONAL
 TRAVEL DISTANCE
 SMOKE BARRIER / PARTITION

FIRE EXTINGUISHER CABINET
 FIRE EXTINGUISHER (NO CABINET)
 ROOM AREA (EGRESS OCC. LOAD DOOR TAG)
 MAIN EGRESS OCC. LOAD DOOR TAG
 NON RATED DOOR
 RATED DOOR
 LIFE SAFETY EGRESS DOOR TAG

Room name: 101 LIFE SAFETY PLAN ROOM TAG
 OCC: Occupancy
 AREA: 1459 SF
 FACTOR: 50
 OCC. LOAD: 729.5

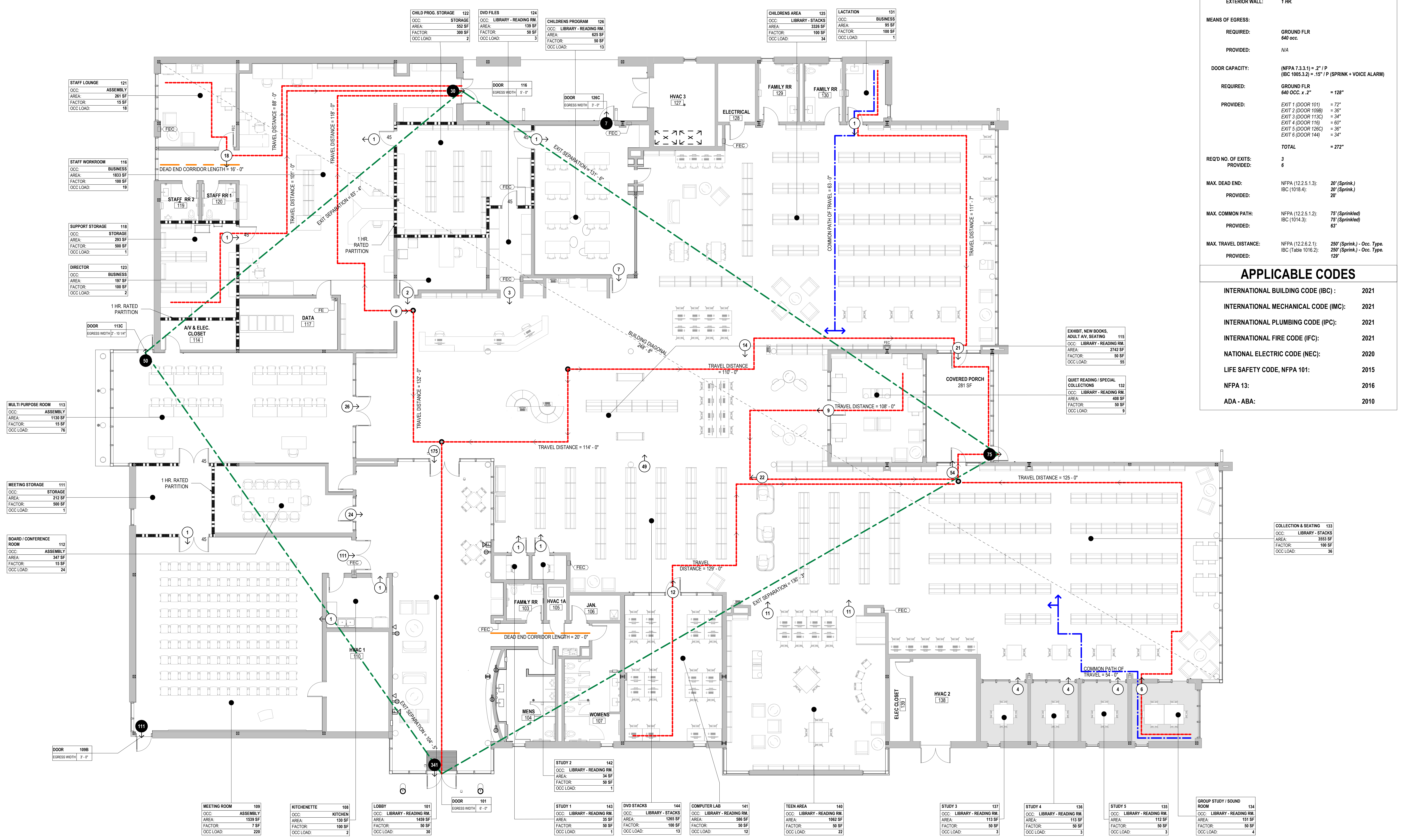
CODE INFORMATION

CONSTRUCTION TYPE: (IBC) II-B Protected (NFPA) II(1000)
OCCUPANCY: (IBC) Assembly - Group A-3 (NFPA) Assembly
BUILDING AREA: GROUND FLOOR: 26,200 SF (GROSS) 305 SF (covered rear porch)
OCCUPANT LOAD: TOTAL OCCUPANT: 640 occ.

PLUMBING FIXTURE COUNT	REQUIRED	PROVIDED
WATER CLOSETS:		
MEN	3 (1125 occ)	6
WOMEN	5 (1650 occ)	7
FAMILY	0	0
LAVATORIES:		
MEN	2 (1200 occ)	4
WOMEN	2 (1200 occ)	4
FAMILY	0	1
DRINKING FOUNTAINS:		
	2 (1500 occ)	2
SERVICE SINKS:		
	1	1

SPRINKLED: YES (NFPA 13)
FIRE ALARM: YES
FIRE SEPARATION: EGRESS: 1 HR, CORRIDOR: 0 HR, EXTERIOR WALL: 1 HR.
MEANS OF EGRESS: REQUIRED: GROUND FLR 640 occ. PROVIDED: N/A.
DOOR CAPACITY: (NFPA 7.3.3.1) = 2' / P (IBC 1005.3.2) = 15' / P (SPRINK + VOICE ALARM)
REQUIRED: GROUND FLR 640 OCC. x 2' = 128"
PROVIDED: EXIT 1 (DOOR 101) = 72", EXIT 2 (DOOR 108B) = 36", EXIT 3 (DOOR 113C) = 34", EXIT 4 (DOOR 116) = 60", EXIT 5 (DOOR 126C) = 36", EXIT 6 (DOOR 144) = 34", TOTAL = 272"
REQ'D NO. OF EXITS: 3 PROVIDED: 6
MAX. DEAD END: NFPA (12.2.5.1.3): 20' (Sprink.) IBC (1016.4): 20' (Sprink.) 20'
MAX. COMMON PATH: NFPA (12.2.5.1.2): 75' (Sprinkled) IBC (1014.3): 75' (Sprinkled) 65'
MAX. TRAVEL DISTANCE: NFPA (12.2.6.2.1): 250' (Sprink.) - Occ. Type 250' (Sprink.) - Occ. Type 129'

MATERIALS KEYING/ GENERAL NOTES



APPLICABLE CODES

INTERNATIONAL BUILDING CODE (IBC) :	2021
INTERNATIONAL MECHANICAL CODE (IMC) :	2021
INTERNATIONAL PLUMBING CODE (IPC) :	2021
INTERNATIONAL FIRE CODE (IFC) :	2021
NATIONAL ELECTRIC CODE (NEC) :	2020
LIFE SAFETY CODE, NFPA 101:	2015
NFPA 13:	2016
ADA - ABA:	2010

No.	Description	Date

KEY PLAN

Mathes Brierre + Architects
 ARCHITECTS + ARCHITECTS BEAZLEY MOLIÈRE
 A JOINT VENTURE
 201 St. Charles Avenue, Forty First Floor
 New Orleans, Louisiana 70170-4100
 Voice: 504.586.9303 Fax: 504.582.1305
 300 Heymann Blvd.
 Lafayette, Louisiana 70503
 337.233.0614

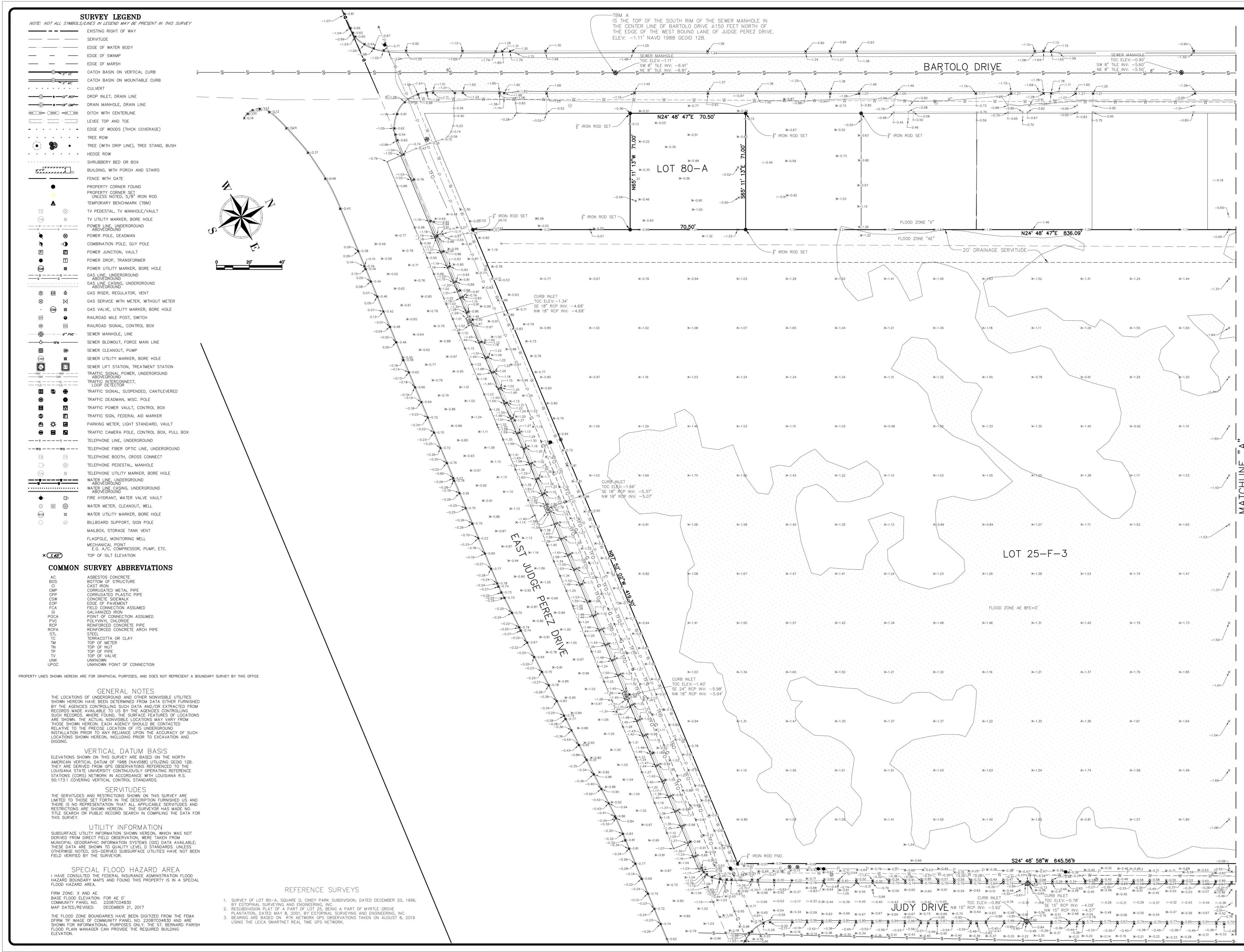
PROJECT TITLE

ST. BERNARD PARISH PUBLIC LIBRARY

ST. BERNARD PARISH

PERMIT DOCUMENTS

DESIGNED BY	MBA/ABM	CHECKED BY	AM/PP
DRAWN BY	RZ	DATE	05.05.2023
SHEET TITLE			
LIFE SAFETY			
PROJECT NO.	MBA - 11884	SHEET NO.	G004
ABM - 201813			



SURVEY LEGEND

NOTE: NOT ALL SYMBOLS SHOWN IN LEGEND MAY BE PRESENT IN THIS SURVEY

- EXISTING RIGHT OF WAY
- SERVITUDE
- EDGE OF WATER BODY
- EDGE OF SWAMP
- EDGE OF MARSH
- CATCH BASIN ON VERTICAL CURB
- CATCH BASIN ON MOUNTABLE CURB
- CULVERT
- DROP INLET, DRAIN LINE
- DRAIN MANHOLE, DRAIN LINE
- DITCH WITH CENTERLINE
- LEVEE TOP AND TOE
- EDGE OF WOODS (THICK COVERAGE)
- TREE ROW
- TREE (WITH DROP LINE), TREE STAND, BUSH
- HEDGE ROW
- SHRUBBERY BED OR BOX
- BUILDING, WITH PORCH AND STAIRS
- FENCE WITH GATE
- PROPERTY CORNER FOUND
- PROPERTY CORNER SET UNLESS NOTED, 5/8" IRON ROD
- TEMPORARY BENCHMARK (TBM)
- TV PEDESTAL, TV MANHOLE/VAULT
- TV UTILITY MARKER, BORE HOLE
- POWER LINE, UNDERGROUND
- POWER POLE, DEADMAN
- COMBINATION POLE, GUY POLE
- POWER JUNCTION, VAULT
- POWER DROP, TRANSFORMER
- POWER UTILITY MARKER, BORE HOLE
- GAS LINE, UNDERGROUND
- GAS LINE, CAGING, UNDERGROUND
- GAS RISER, REGULATOR, VENT
- GAS SERVICE WITH METER, WITHOUT METER
- GAS VALVE, UTILITY MARKER, BORE HOLE
- RAILROAD MILE POST, SWITCH
- RAILROAD SIGNAL, CONTROL BOX
- SEWER MANHOLE, LINE
- SEWER BLOWOUT, FORCE MAIN LINE
- SEWER CLEANOUT, PUMP
- SEWER UTILITY MARKER, BORE HOLE
- SEWER LIFT STATION, TREATMENT STATION
- TRAFFIC SIGNAL, POWER, UNDERGROUND
- TRAFFIC INTERCONNECT, LOOP DETECTOR
- TRAFFIC SIGNAL, SUSPENDED, CANTILEVERED
- TRAFFIC DEADMAN, MISC. POLE
- TRAFFIC POWER VAULT, CONTROL BOX
- TRAFFIC SIGN, FEDERAL, AID MARKER
- PARKING METER, LIGHT STANDARD, VAULT
- TRAFFIC CAMERA POLE, CONTROL BOX, PULL BOX
- TELEPHONE LINE, UNDERGROUND
- TELEPHONE FIBER OPTIC LINE, UNDERGROUND
- TELEPHONE BOOTH, CROSS CONNECT
- TELEPHONE PEDESTAL, MANHOLE
- TELEPHONE UTILITY MARKER, BORE HOLE
- WATER LINE, UNDERGROUND
- WATER LINE, CAGING, UNDERGROUND
- FIRE HYDRANT, WATER VALVE VAULT
- WATER METER, CLEANOUT, WELL
- WATER UTILITY MARKER, BORE HOLE
- BILLBOARD SUPPORT, SIGN POLE
- MAILBOX, STORAGE TANK VENT
- FLAGPOLE, MONITORING WELL
- MECHANICAL POINT E.G. A/C COMPRESSOR, PUMP, ETC.
- TOP OF SILT ELEVATION

COMMON SURVEY ABBREVIATIONS

- AC ASBESTOS CONCRETE
- BC BOTTOM OF STRUCTURE
- CP CORRUGATED METAL PIPE
- CPFP CORRUGATED PLASTIC PIPE
- CS CONCRETE SIDEWALK
- EDP EDGE OF PAVEMENT
- FC FLOOR FINISH
- GA GALVANIZED IRON
- PC POLYURETHANE CHLORIDE
- PVC POLYVINYL CHLORIDE
- RCP REINFORCED CONCRETE PIPE
- RCPA REINFORCED CONCRETE ARCH PIPE
- ST STEEL
- TER TERRAZZOTA OR CLAY
- TM TOP OF METER
- TMH TOP OF HOLE
- TP TOP OF PILE
- TV TOP OF VALVE
- UNK UNKNOWN
- UPUC UNKNOWN POINT OF CONNECTION

PROPERTY LINES SHOWN HEREON ARE FOR GRAPHICAL PURPOSES, AND DOES NOT REPRESENT A BOUNDARY SURVEY BY THIS OFFICE

GENERAL NOTES

THE LOCATIONS OF UNDERGROUND AND OTHER NONVISIBLE UTILITIES SHOWN HEREON HAVE BEEN DETERMINED FROM DATA EITHER FURNISHED BY THE AGENCIES CONTROLLING SUCH DATA AND/OR EXTRACTED FROM RECORDS MADE AVAILABLE TO US BY THE AGENCIES CONTROLLING SUCH RECORDS. WHERE FOUND, THE SURFACE FEATURES OF LOCATIONS ARE SHOWN. THE ACTUAL, NONVISIBLE LOCATIONS MAY VARY FROM THOSE SHOWN HEREON. EACH AGENCY SHOULD BE CONTACTED RELATIVE TO THE PRECISE LOCATION OF ITS UNDERGROUND INSTALLATION PRIOR TO ANY RELIANCE UPON THE ACCURACY OF SUCH LOCATIONS SHOWN HEREON, INCLUDING PRIOR TO EXCAVATION AND DIGGING.

VERTICAL DATUM BASIS

ELEVATIONS SHOWN ON THIS SURVEY ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD8) UTILIZING GEOID 12B. THEY ARE DERIVED FROM GPS OBSERVATIONS REFERENCED TO THE LOUISIANA STATE UNIVERSITY'S CONTINUOUSLY OPERATING REFERENCE STATIONS (CORS) NETWORK IN ACCORDANCE WITH LOUISIANA R.S. 50:173.1 COVERING VERTICAL CONTROL STANDARDS.

SERVITUDES

THE SERVITUDES AND RESTRICTIONS SHOWN ON THIS SURVEY ARE LIMITED TO THOSE SET FORTH IN THE DESCRIPTION FURNISHED US AND THERE IS NO REPRESENTATION THAT ALL APPLICABLE SERVITUDES AND RESTRICTIONS ARE SHOWN HEREON. THE SURVEYOR HAS MADE NO TITLE SEARCH OR PUBLIC RECORD SEARCH IN COMPILING THE DATA FOR THIS SURVEY.

UTILITY INFORMATION

SUBSURFACE UTILITY INFORMATION SHOWN HEREON, WHICH WAS NOT DERIVED FROM DIRECT FIELD OBSERVATION, WERE TAKEN FROM MUNICIPAL GEOGRAPHIC INFORMATION SYSTEMS (GIS) DATA AVAILABLE. THESE DATA ARE SHOWN TO QUALITY LEVEL D STANDARDS, UNLESS OTHERWISE NOTED. GPS-DERIVED SUBSURFACE UTILITIES HAVE NOT BEEN FIELD VERIFIED BY THE SURVEYOR.

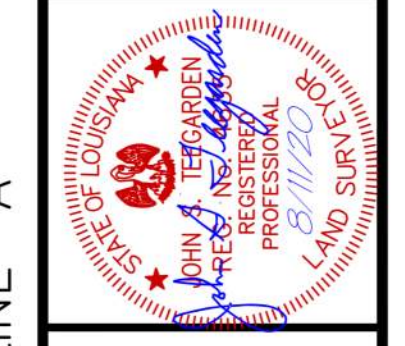
SPECIAL FLOOD HAZARD AREA

I HAVE CONSULTED THE FEDERAL INSURANCE ADMINISTRATION HAZARD BOUNDARY MAPS AND FOUND THIS PROPERTY IS IN A SPECIAL FLOOD HAZARD AREA.

REFERENCE SURVEYS

1. SURVEY OF LOT 80-A, SQUARE D, CNDY PARK SUBDIVISION, DATED DECEMBER 20, 1996, BY ESTOPINAL SURVEYING AND ENGINEERING, INC.
2. RESUBDIVISION PLAT OF A PART OF LOT 25, BEING A PART OF MYRTLE GROVE PLANTATION, DATED MAY 8, 2001, BY ESTOPINAL SURVEYING AND ENGINEERING, INC.
3. BEARING ARE BASED ON RTK NETWORK GPS OBSERVATIONS TAKEN ON AUGUST 8, 2019 USING THE LEICA SMARTNET REAL TIME GPS NETWORK.

APP'D	JST
REVISIONS	
DATE:	8/11/20
REMARKS:	ADDED 20' DRAINAGE SERVITUDE TO WEST SIDE OF LOT 25-F-3



AS ALL SOUTH CONSULTING ENGINEERS, L.L.C.
 8322 PEARLWORTH AVENUE
 SUITE 200
 METairie, LA 70002
 (504) 885-2788

DATE:	08-27-2019	SCALE:	AS SHOWN
DESIGNED BY:	JNS	CHECKED BY:	JST
DRAWN BY:	JNS		
JOB NO.:	211-015-01		

BOUNDARY AND TOPOGRAPHIC SURVEY OF THE ST. BERNARD PUBLIC LIBRARY SITE, LOT 25-F-3, MYRTLE GROVE PLANTATION, SECTION 2, T 13 S, R 13 E, ST. BERNARD PARISH, LOUISIANA

SHEET NO.:	1
------------	---

No.	Description	Date

KEY PLAN



Mathes Brierre + ARCHITECTS **BM ARCHITECTS BEAZLEY MOLIÈRE**
 A JOINT VENTURE
 201 St. Charles Avenue, Forty First Floor
 New Orleans, Louisiana 70170-4100
 Voice: 504.586.9300 Fax: 504.582.1305
 300 Heymann Blvd.
 Lafayette, Louisiana 70503
 337.233.0614

PROJECT TITLE

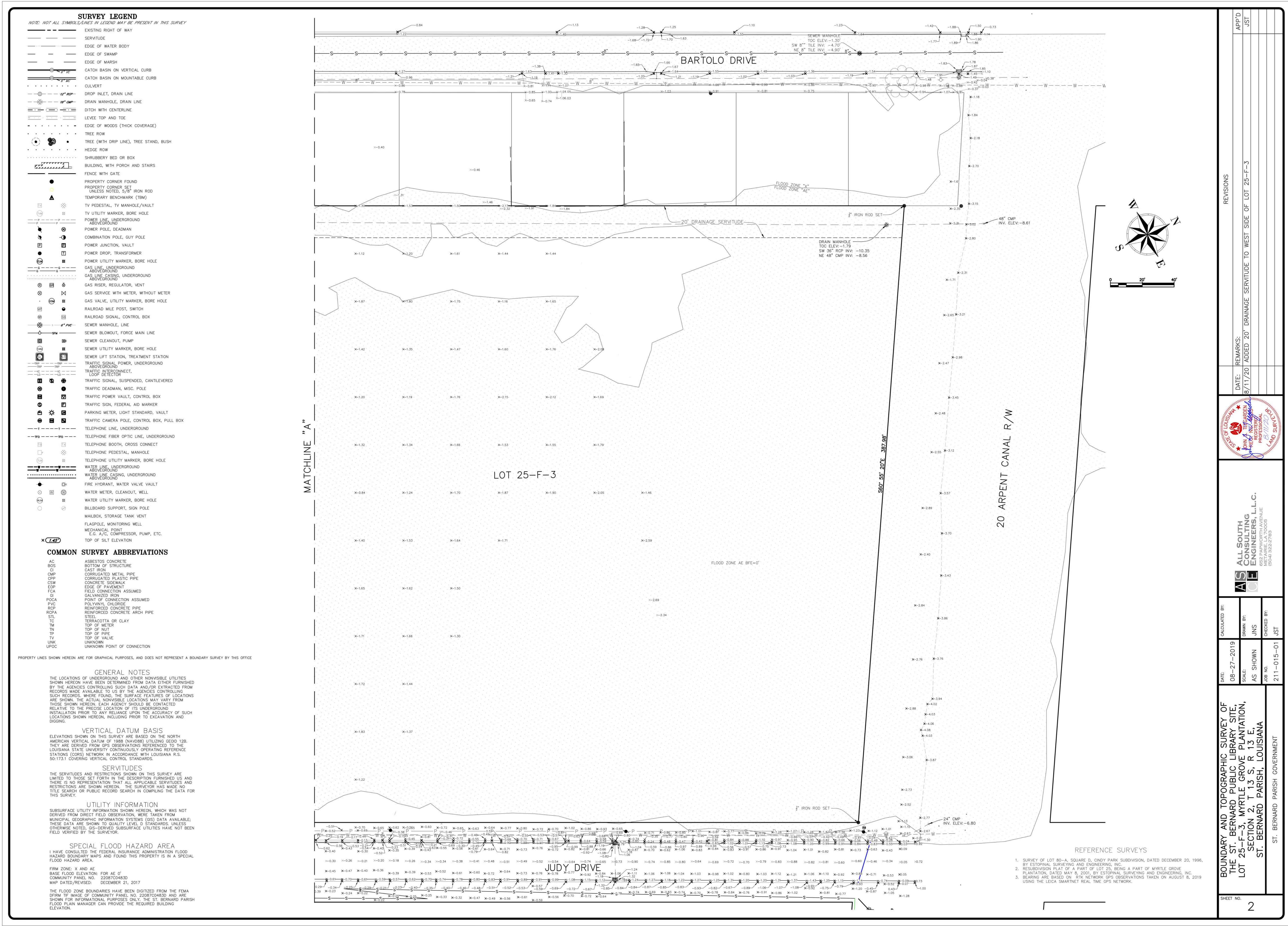
ST. BERNARD PARISH PUBLIC LIBRARY

ST. BERNARD PARISH

PERMIT DOCUMENTS

DESIGNED BY	MBA/ABM	CHECKED BY	Checker
DRAWN BY	Author	DATE	05.05.2023
SHEET TITLE SITE SURVEY / EXISTING PRE-SURCHARGE			
PROJECT NO.	MBA - 11884	SHEET NO.	G005
	ABM - 201813		

NOTE:
EXISTING TOPOGRAPHY INFORMATION
INSIDE OF PROPERTY LINE HAS CHANGED
DUE TO INSTALLATION OF SURCHARGE.



REVISIONS	DATE	REMARKS
1	8/11/20	ADDED 20' DRAINAGE SERVITUDE TO WEST SIDE OF LOT 25-F-3



ALL SOUTH CONSULTING ENGINEERS, L.L.C.
 802 PEARSON AVENUE
 SUITE 200
 MONROE, LA 70132
 (504) 332-2783

DATE: 08-27-2019
 SCALE: AS SHOWN
 JOB NO.: 211-015-01

BOUNDARY AND TOPOGRAPHIC SURVEY OF THE ST. BERNARD PUBLIC LIBRARY SITE, LOT 25-F-3, MYRTLE GROVE PLANTATION, SECTION 2, T 13 S, R 13 E, ST. BERNARD PARISH, LOUISIANA

SHEET NO. 2

No.	Description	Date

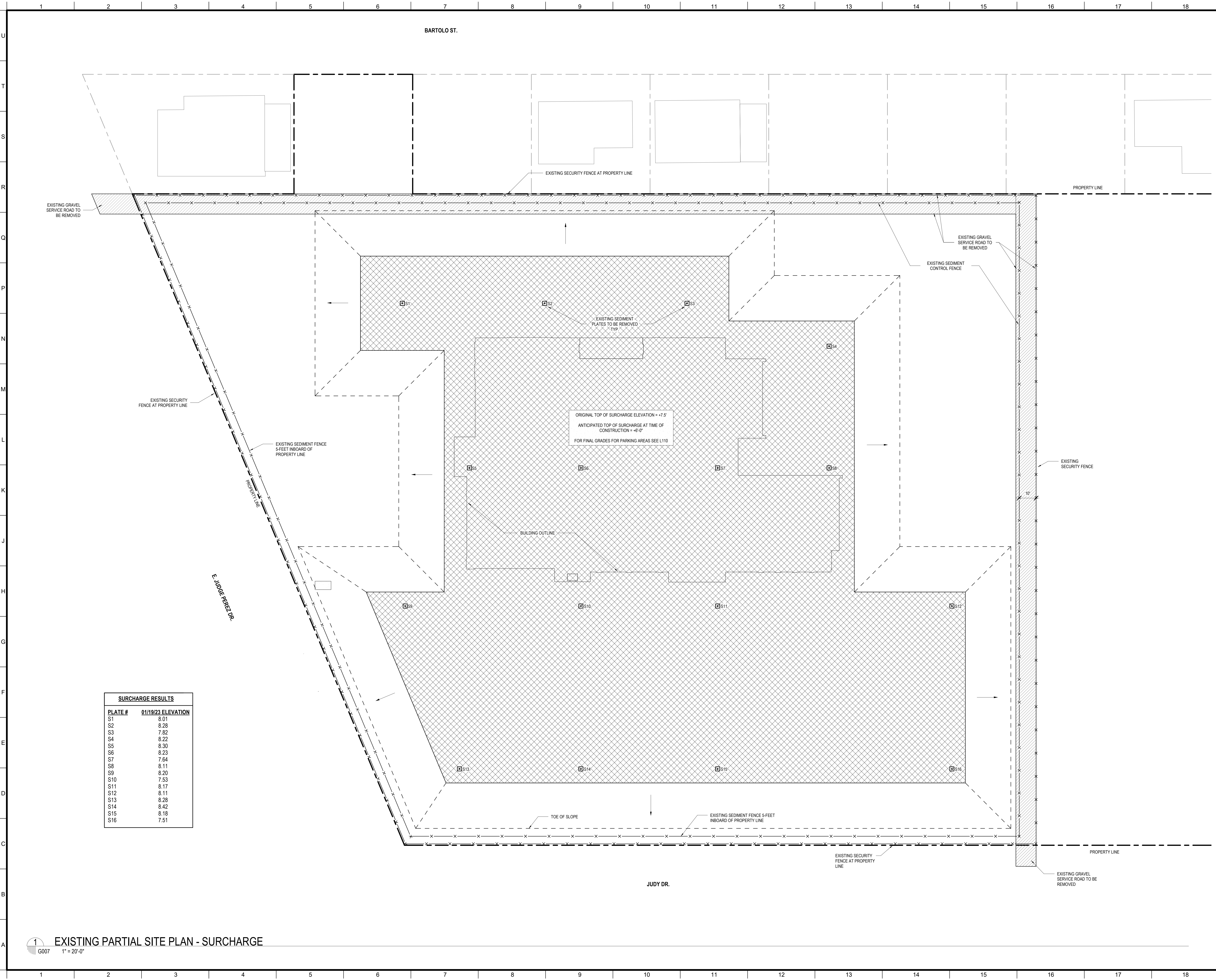
KEY PLAN

Mathes Brierre + BM
 ARCHITECTS + ARCHITECTS/BEAZLEY/MOLIERE
 A JOINT VENTURE
 201 St. Charles Avenue, Forty First Floor
 New Orleans, Louisiana 70170-4100
 Voice: 504.586.9303 Fax: 504.582.1305
 300 Heymann Blvd.
 Lafayette, Louisiana 70503
 337.233.0614

PROJECT TITLE
ST. BERNARD PARISH PUBLIC LIBRARY
 ST. BERNARD PARISH

PERMIT DOCUMENTS
 DESIGNED BY: MBA/ABM CHECKED BY: Checker
 DRAWN BY: Author DATE: 05.05.2023
 SHEET TITLE: SITE SURVEY / EXISTING PRE-SURCHARGE
 PROJECT NO.: MBA - 11884 SHEET NO.: G006
 ABM - 201813

NOTE:
 EXISTING TOPOGRAPHY INFORMATION
 INSIDE OF PROPERTY LINE HAS CHANGED
 DUE TO INSTALLATION OF SURCHARGE.



SURCHARGE RESULTS	
PLATE #	01/19/23 ELEVATION
S1	8.01
S2	8.28
S3	7.82
S4	8.22
S5	8.30
S6	8.23
S7	7.64
S8	8.11
S9	8.20
S10	7.53
S11	8.17
S12	8.11
S13	8.28
S14	8.42
S15	8.18
S16	7.51



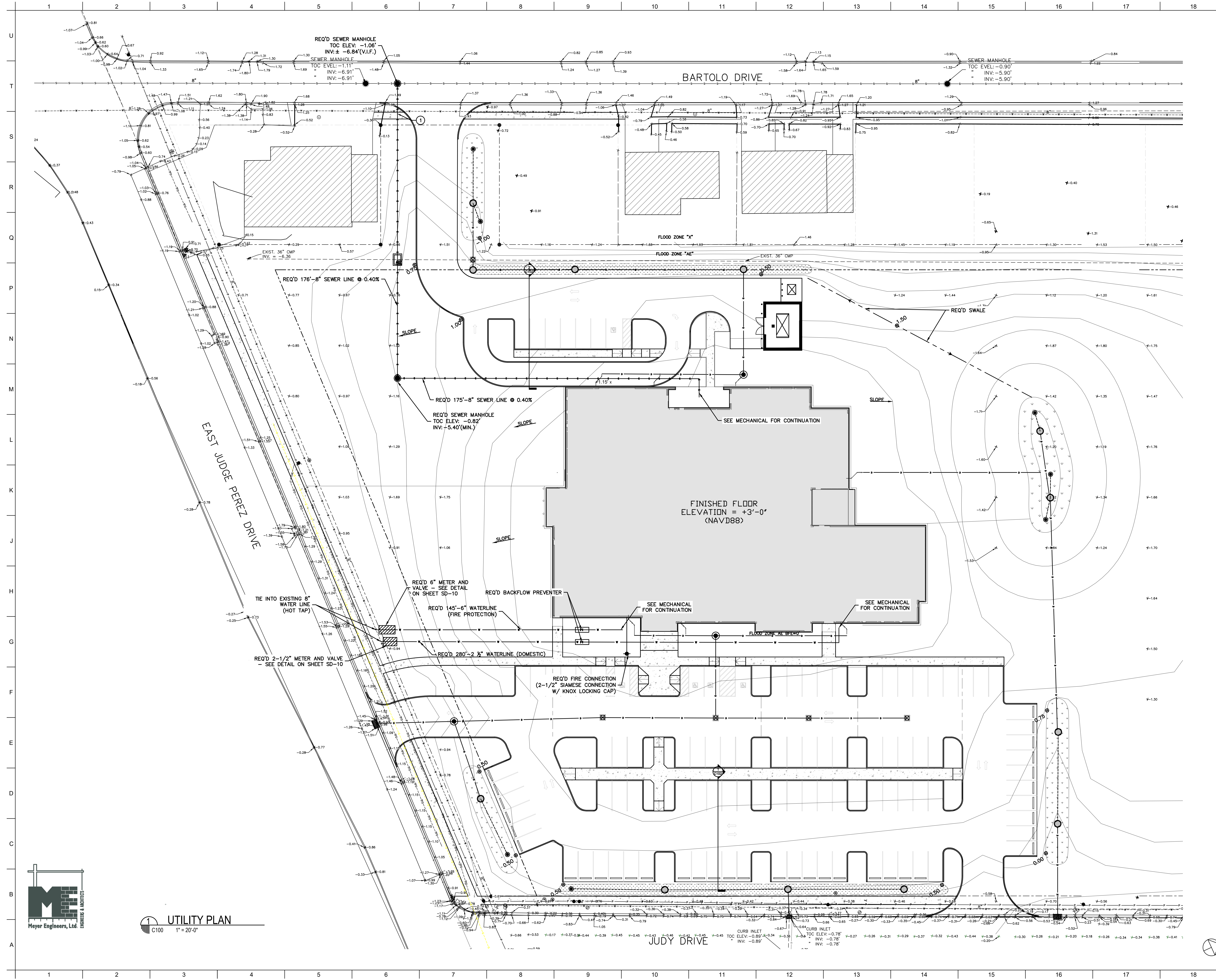
No.	Description	Date

KEY PLAN

Mathes Brierre + /BM
 ARCHITECTS + ARCHITECTS BEAZLEY MOLIÈRE
 A JOINT VENTURE
 201 St. Charles Avenue, Forty First Floor
 New Orleans, Louisiana 70170-4100
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 300 Heymann Blvd.
 Lafayette, Louisiana 70503
 337.233.0614

PROJECT TITLE
ST. BERNARD PARISH PUBLIC LIBRARY
 ST. BERNARD PARISH
 PERMIT DOCUMENTS

DESIGNED BY Designer	CHECKED BY Checker
DRAWN BY Author	DATE 05.05.2023
SHEET TITLE SURCHARGE PLAN & ELEVATIONS	
PROJECT NO. MBA - 11884 ABM - 201813	SHEET NO. G007

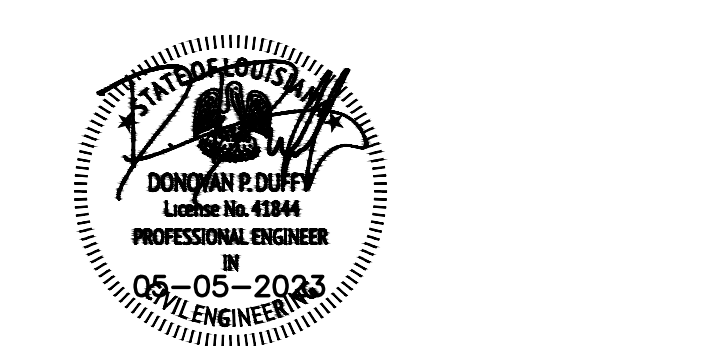


MATERIALS KEYING/ GENERAL NOTES
LEGEND OF SYMBOLS (NEW)

- S — GRAVITY SANITARY SEWER MAIN
- D — STORM SEWER MAIN
- FM — FORCE MAIN
- W — WATER MAIN
- G — GAS MAIN
- T — TELEPHONE LINE
- E — ELECTRIC LINE
- - - - - REQUIRED R.O.W.
- . - . - DITCH OR SWALE
- PERFORATED PVC W/ CLEANOUT
- SEWER MANHOLE
- ⊗ CLEANOUT
- ⊕ NEW LIFT STATION
- ⊖ NEW VALVE PIT
- ⊙ FORCE MAIN AIR RELEASE VALVE
- DROP INLET
- ▣ CB-TYPE 1
- ▤ CB-TYPE 2
- ▥ CB-TYPE 3
- ⊙ DRAIN MANHOLE
- ⌈ ⌋ CULVERT
- ⊕ WATER VALVE
- WATER METER
- ⊕ FIRE HYDRANT
- ⊕ POWER POLE
- ⊕ STREET LIGHT
- ⊕ MISC. LIGHT POLE
- ⊕ ELEVATION
- ▨ EXISTING STRUCTURE (NOT IN SCOPE)
- ▨ REQ'D BIOSWALE (SEE LANDSCAPE)
- ▨ REQ'D STORM DRAIN CONNECTION (SEE MECHANICAL)
- ▨ INFILTRATION TRENCH

No.	Description	Date

KEY PLAN



Mathes Briere ARCHITECTS
Beazley Moliere ARCHITECTS
 A JOINT VENTURE
 201 St. Charles Avenue, Forty First Floor
 New Orleans, Louisiana 70170-4100
 Voice: 504.586.9303. Fax: 504.582.1305
 300 Heymann Blvd.
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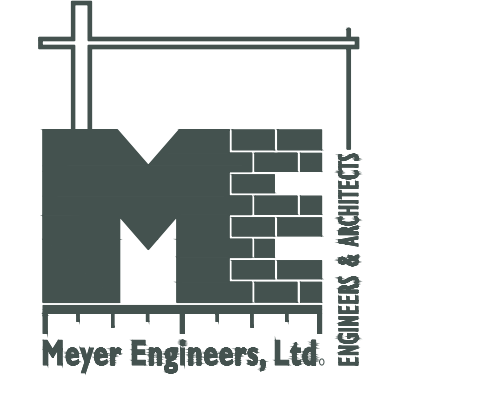
PROJECT TITLE

ST. BERNARD PARISH PUBLIC LIBRARY
 ST. BERNARD PARISH

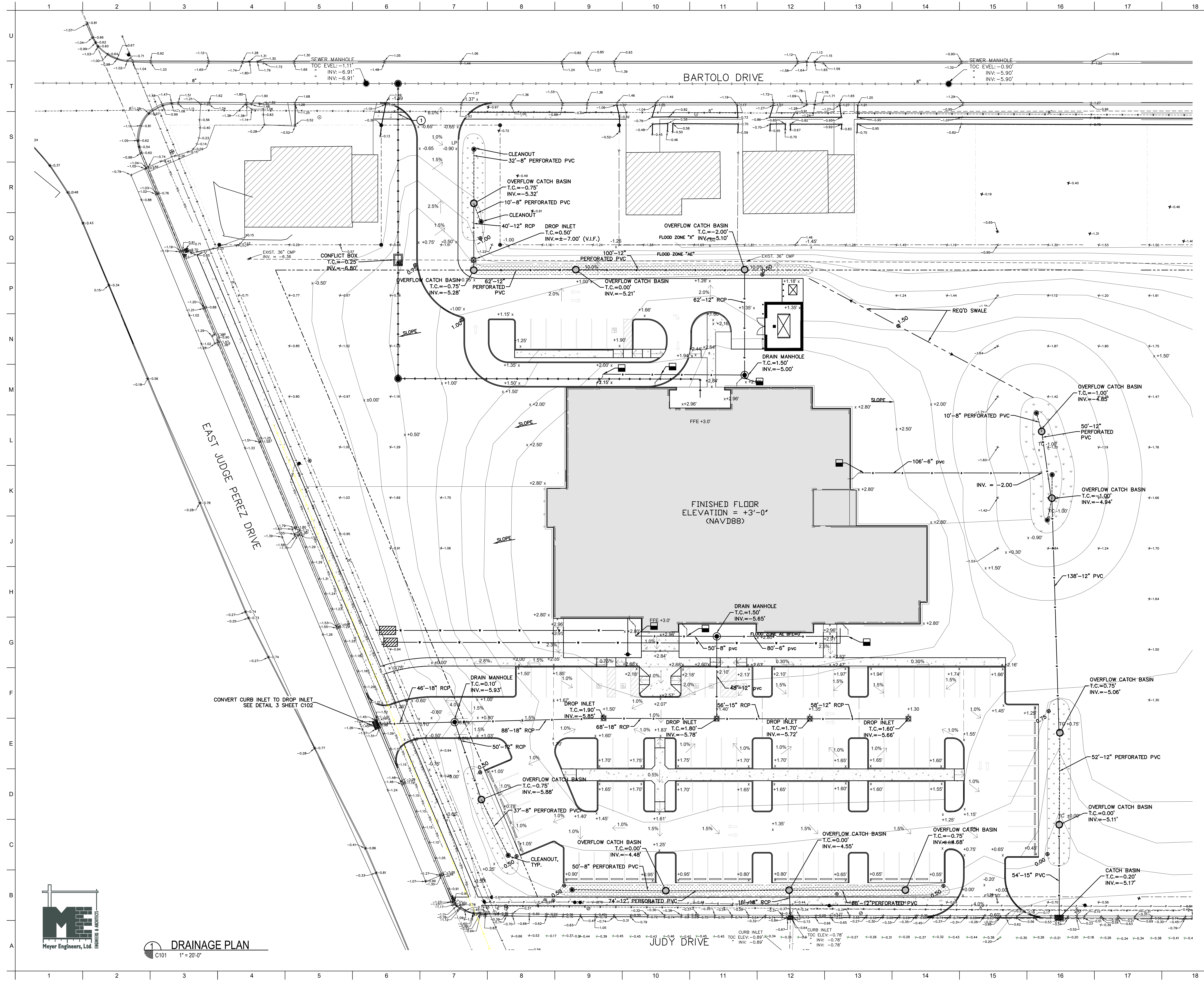
PERMIT DOCUMENTS

DESIGNED BY	DPD	CHECKED BY	DPD
DRAWN BY	AJS, CDR	DATE	05.05.23
SHEET TITLE UTILITY PLAN			

PROJECT NO.	MBA - 11884
SHEET NO.	ABM - 201803 C100



UTILITY PLAN
 1" = 20'-0"

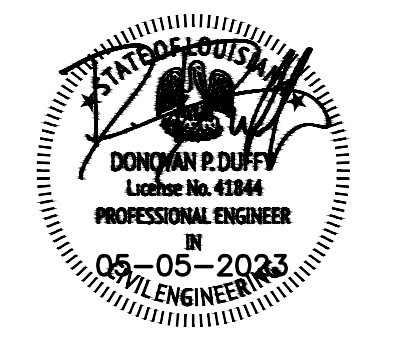


MATERIALS KEYING/ GENERAL NOTES
LEGEND OF SYMBOLS (NEW)

- S — GRAVITY SANITARY SEWER MAIN
- DM — STORM SEWER MAIN
- FM — FORCE MAIN
- W — WATER MAIN
- G — GAS MAIN
- T — TELEPHONE LINE
- E — ELECTRIC LINE
- — — — — REQUIRED R.O.W.
- - - - - DITCH OR SWALE
- — PERFORATED PVC W/ CLEANOUT
- ⊙ — CLEANOUT
- ⊠ — NEW LIFT STATION
- ⊞ — NEW VALVE PIT
- ⊕ — FORCE MAIN AIR RELEASE VALVE
- — DROP INLET
- ⊞ — CB-TYPE 1
- ⊞ — CB-TYPE 2
- ⊞ — CB-TYPE 3
- ⊞ — DRAIN MANHOLE
- ⊞ — CULVERT
- ⊞ — WATER VALVE
- ⊞ — WATER METER
- ⊞ — FIRE HYDRANT
- ⊞ — POWER POLE
- ⊞ — STREET LIGHT
- ⊞ — MISC. LIGHT POLE
- ⊞ — ELEVATION
- ▨ — EXISTING STRUCTURE (NOT IN SCOPE)
- ▨ — REQ'D BIOSWALE (SEE LANDSCAPE)
- ▨ — REQ'D STORM DRAIN CONNECTION (SEE MECHANICAL)
- ▨ — INFILTRATION TRENCH

No.	Description	Date

KEY PLAN



Mathes Briere ARCHITECTS **BM** ARCHITECTS BEAZLEY MOLIÈRE ARCHITECTS

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PROJECT TITLE

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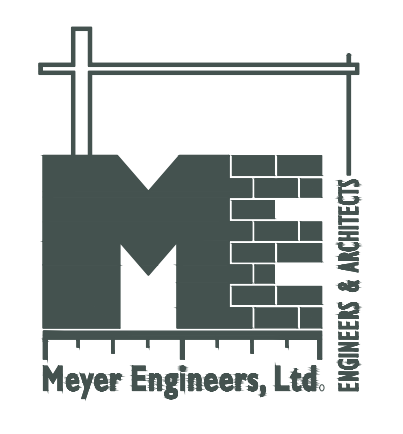
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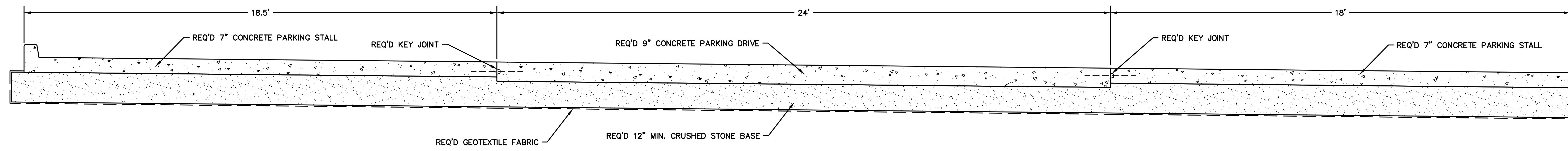
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DRAWN BY	AJS_CDR	DATE	05.05.23

SHEET TITLE
 DRAINAGE PLAN

PROJECT NO.	MBA - 11884	SHEET NO.	C101
	ABM - 201803		

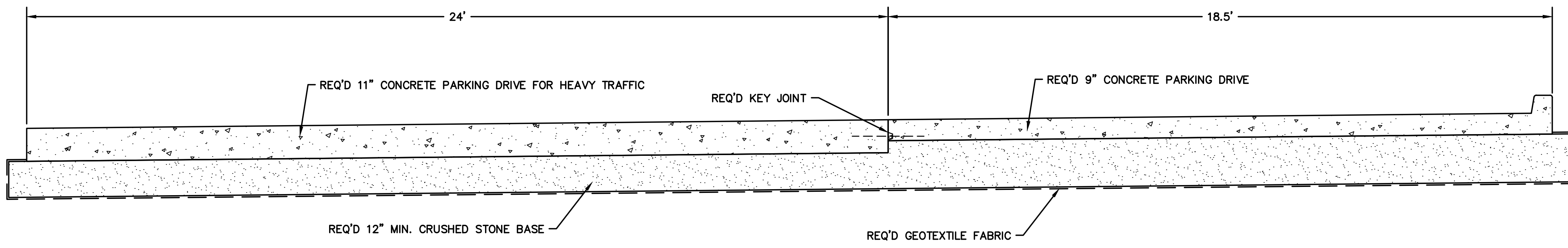


DRAINAGE PLAN
 C101 1" = 20'-0"



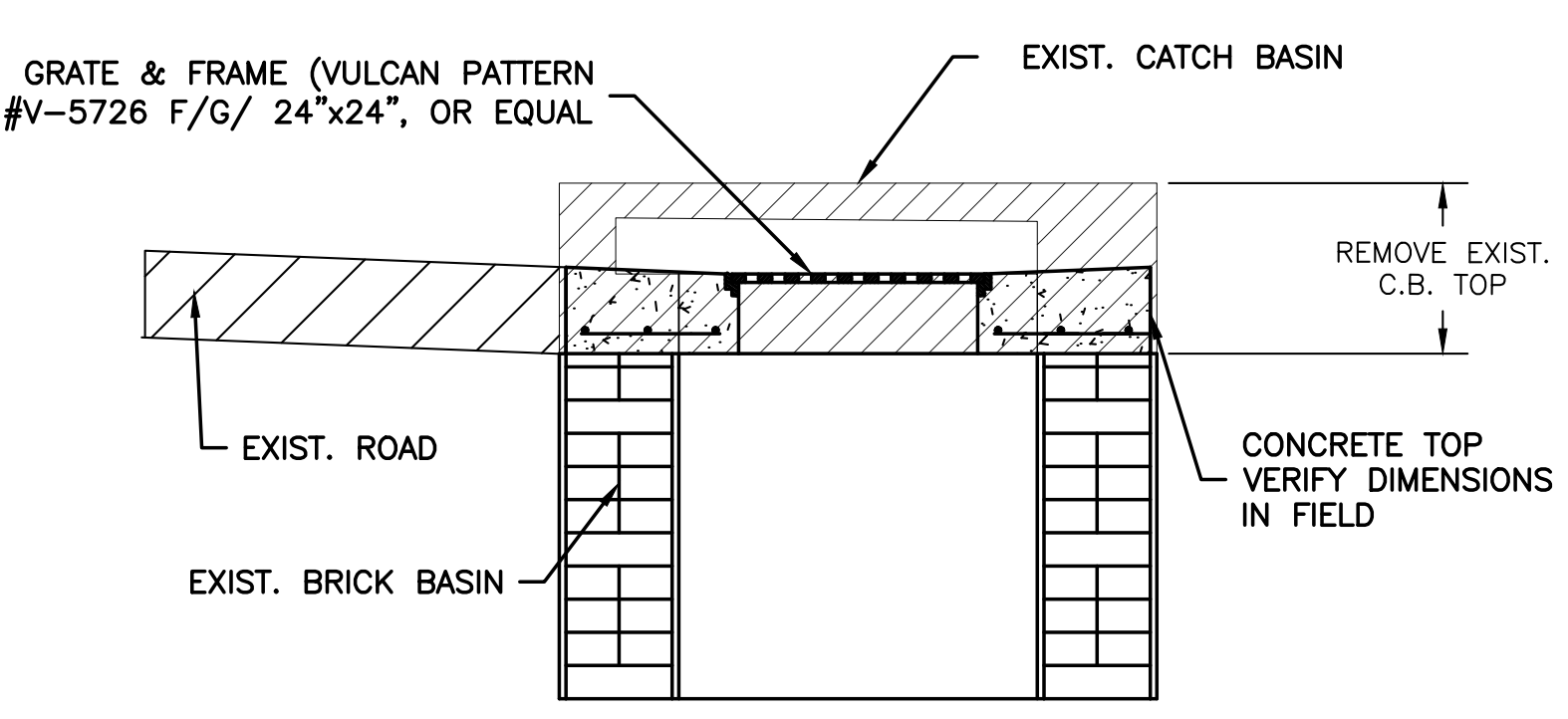
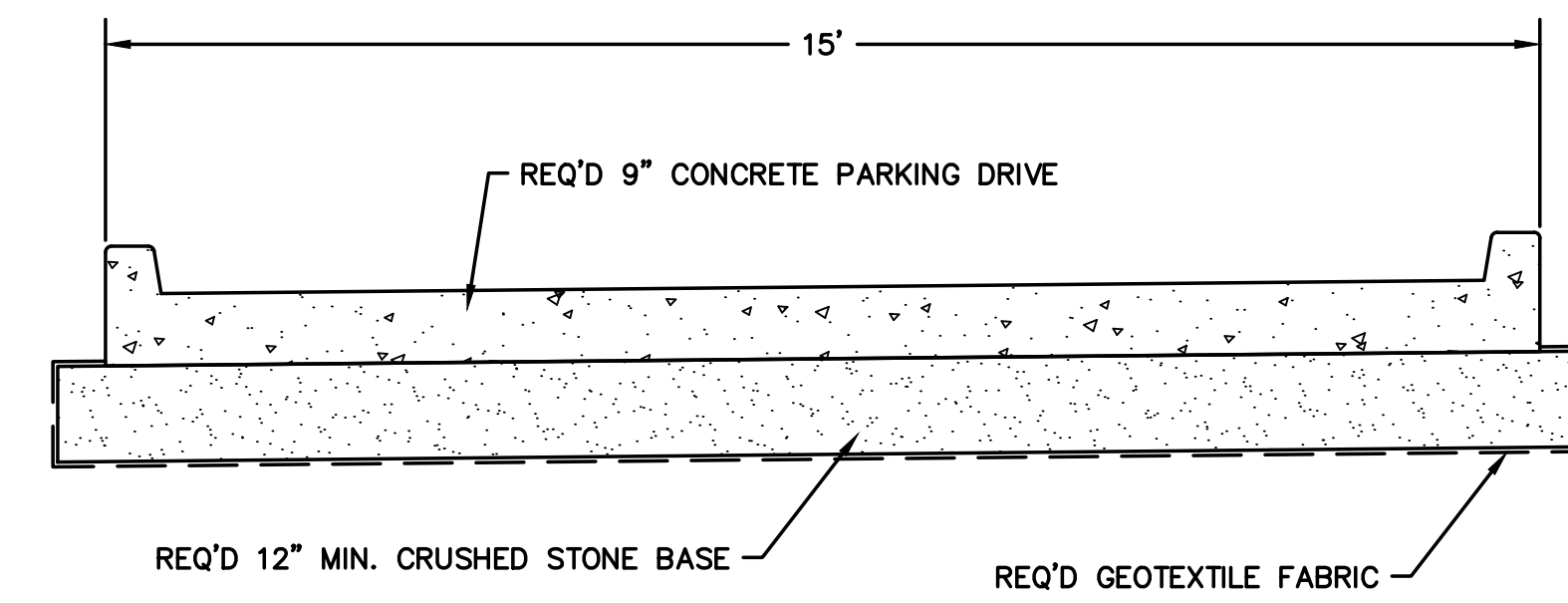
NOTE: SEE ST. BERNARD STANDARD DETAILS FOR PAVEMENT/JOINT DETAILS.

1
PARKING LOT SECTION
NTS

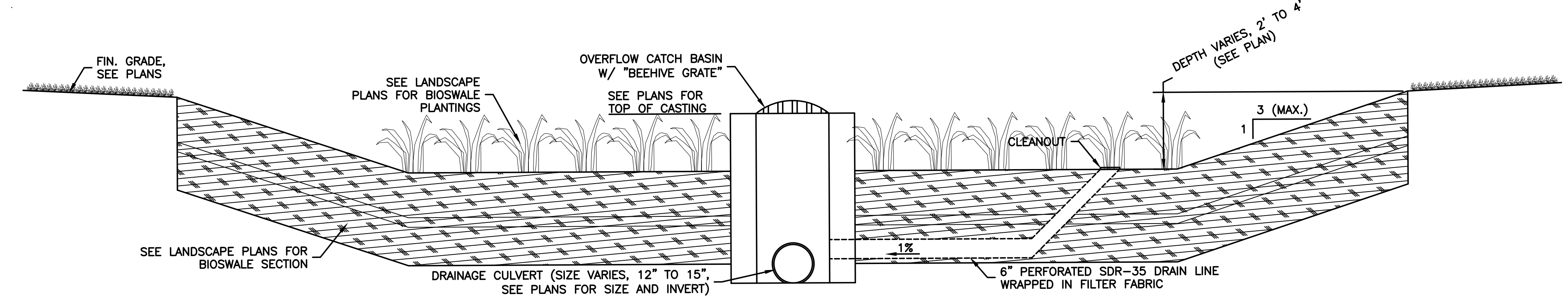


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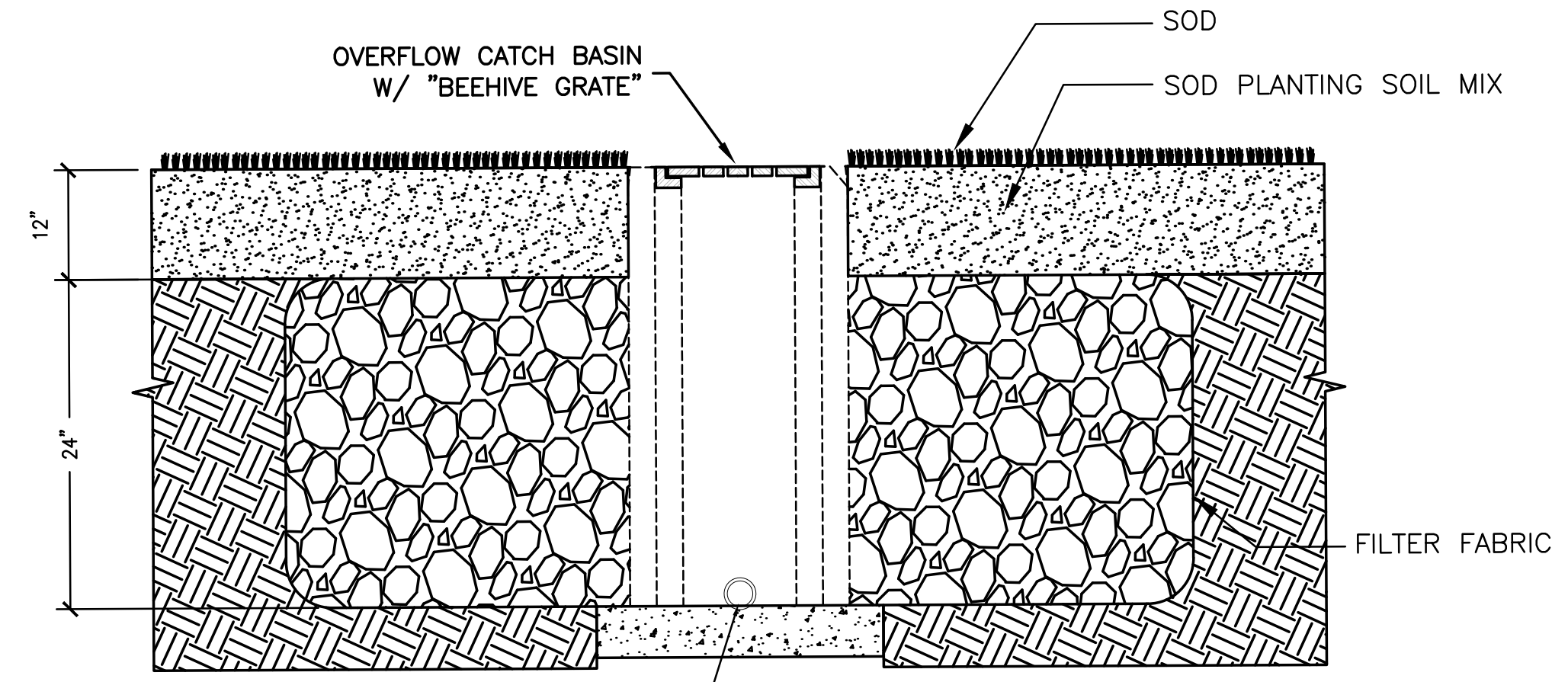
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EMPLOYEE PARKING LOT SECTION
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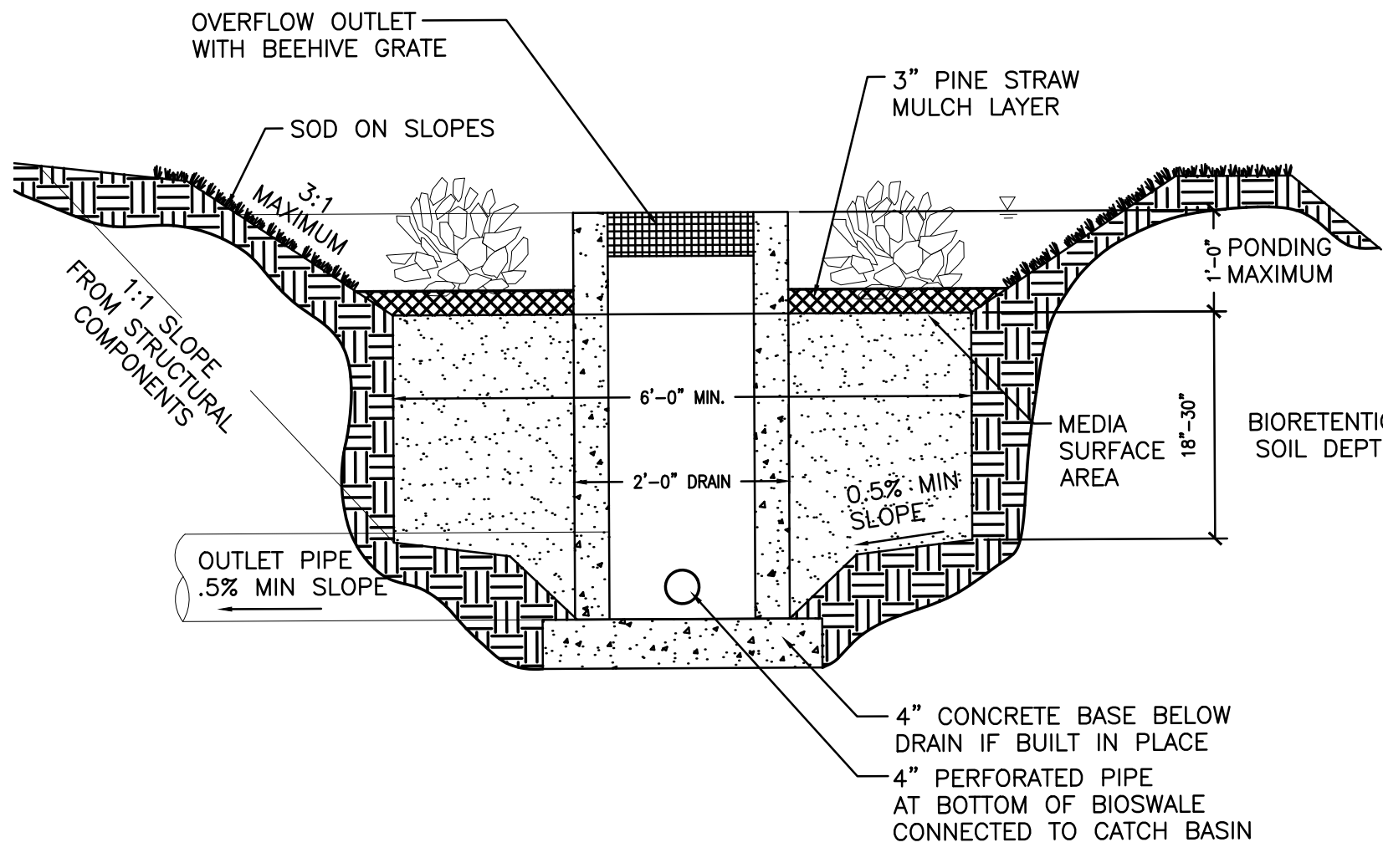
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DROP INLET CONVERSION
NTS



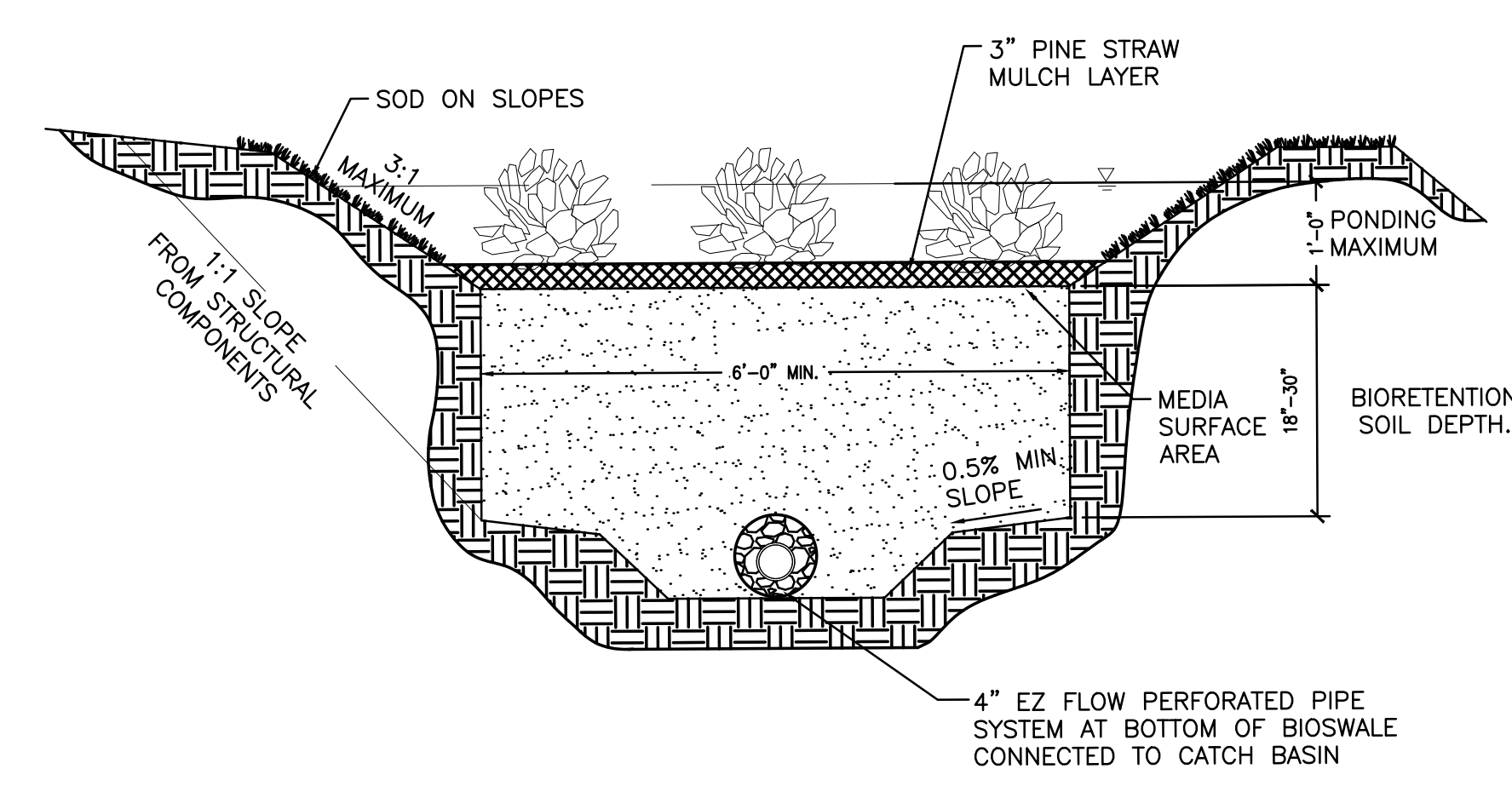
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BIOSWALE
NTS



6
INFILTRATION TRENCH
NTS

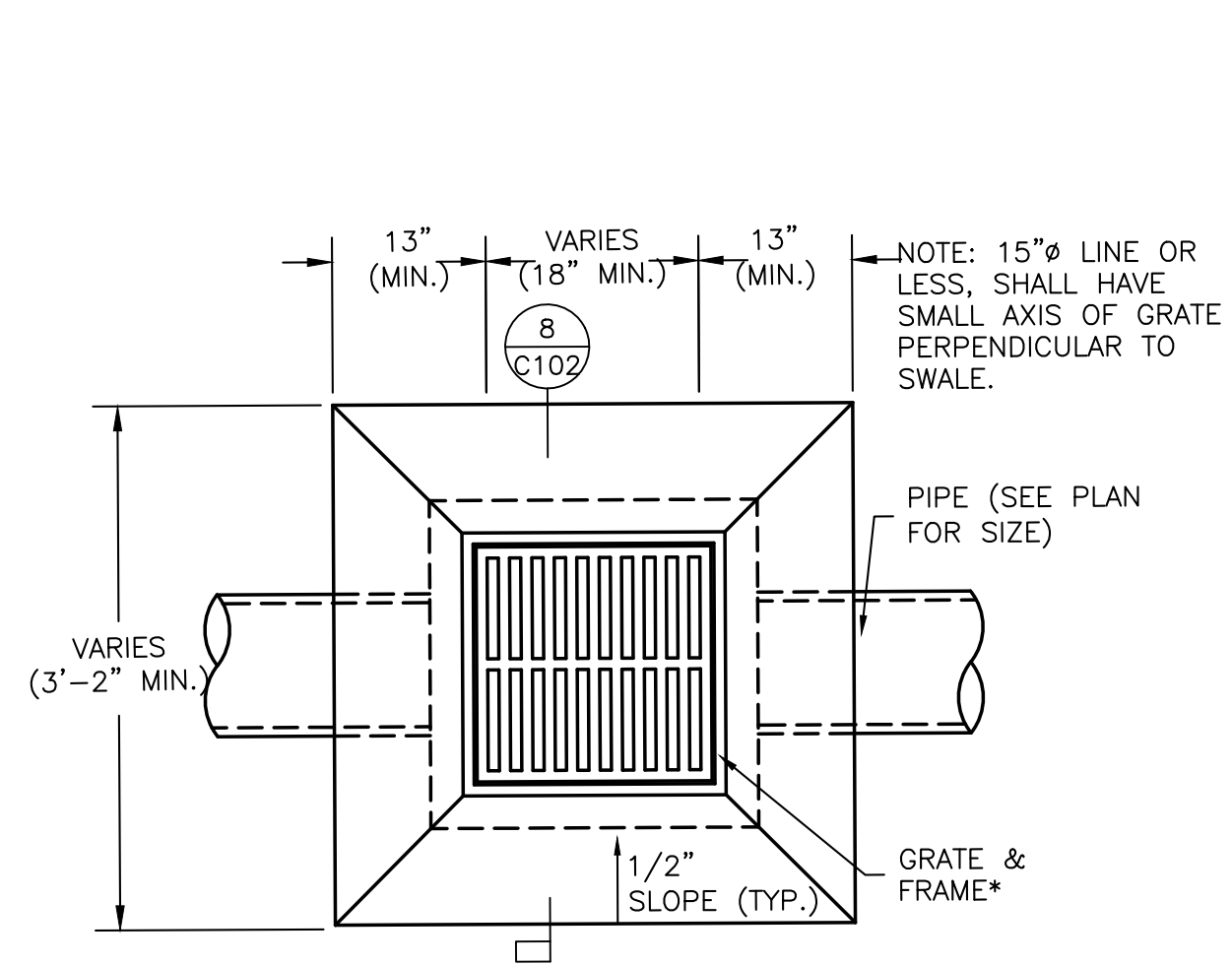


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BIOSWALE @ CATCH BASIN
NTS

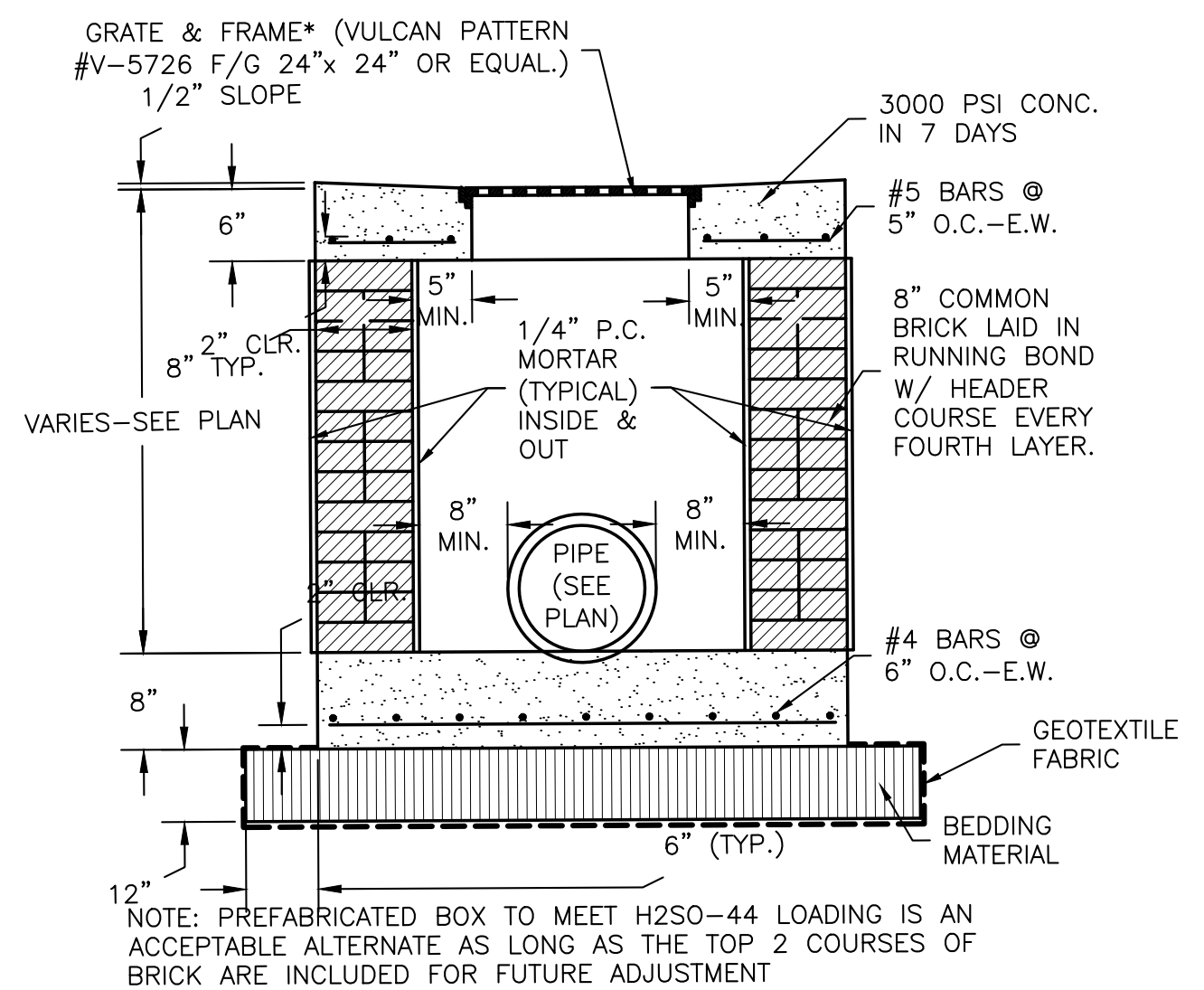


8
BIOSWALE TYPICAL SECTION
NTS

5
BEEHIVE GRATE
NTS



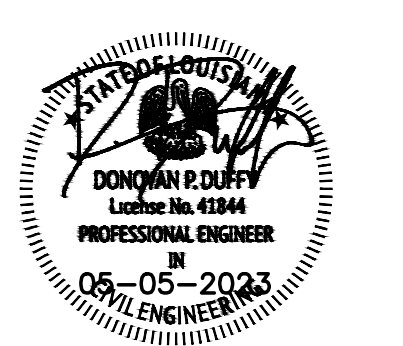
9
DROP INLET - PLAN
NTS



10
DROP INLET - SECTION
NTS

No.	Description	Date

KEY PLAN



Mathes Briere + **BM**
ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
A 21ST CENTURY FIRM

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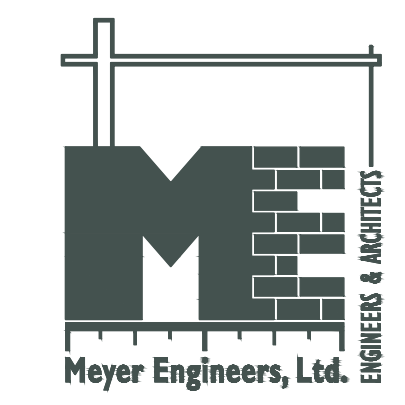
PROJECT TITLE

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PARISH PUBLIC
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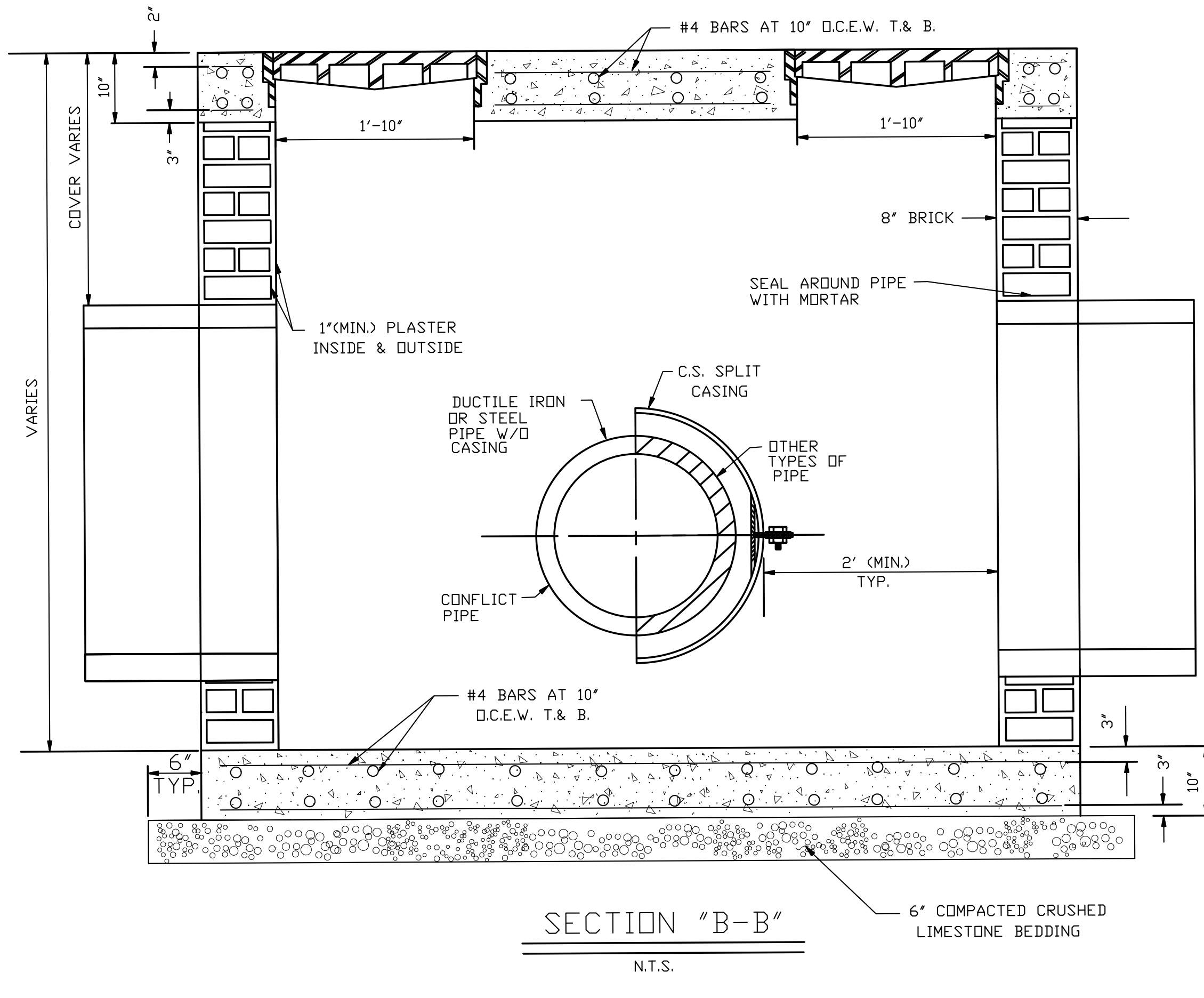
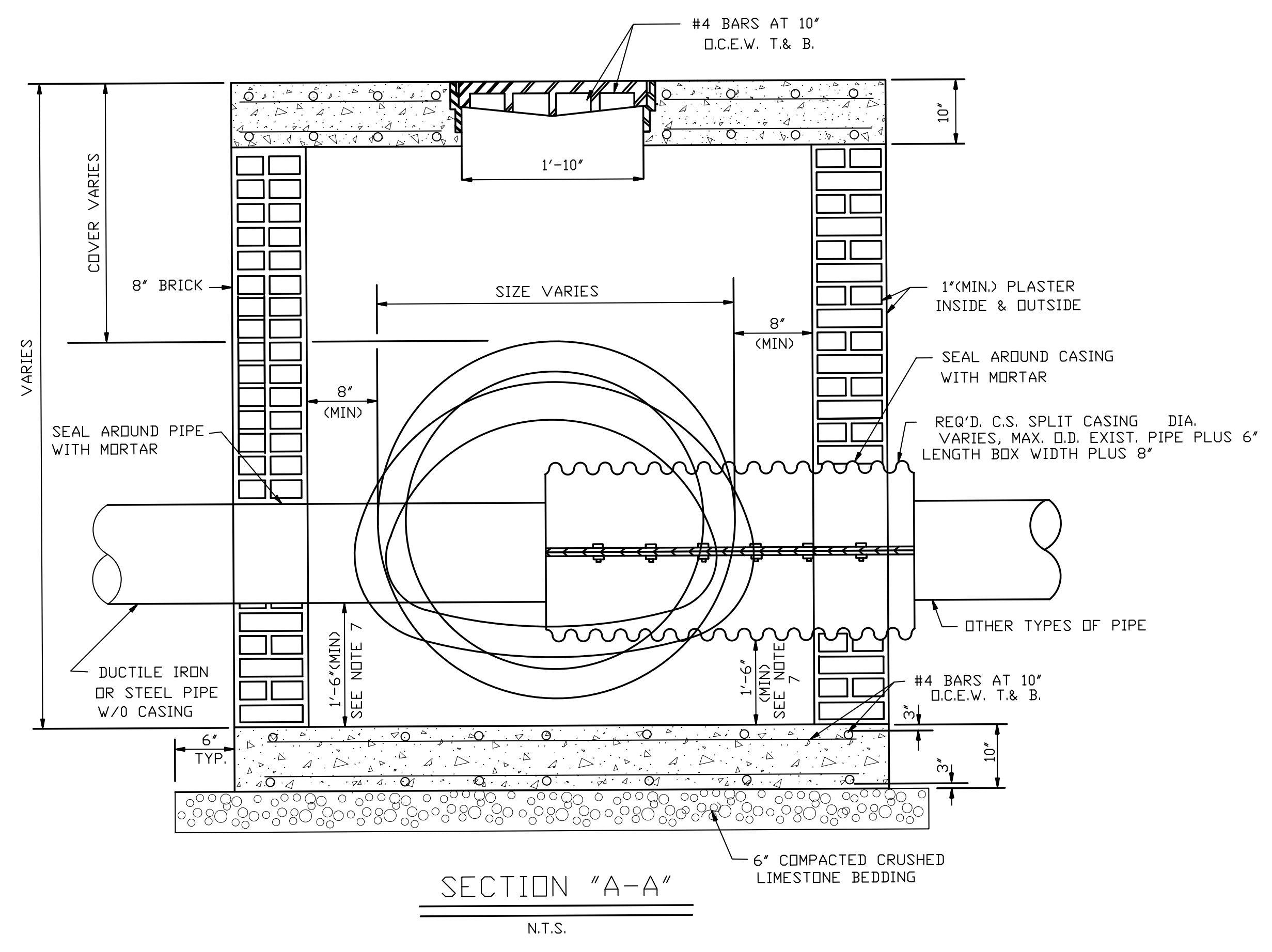
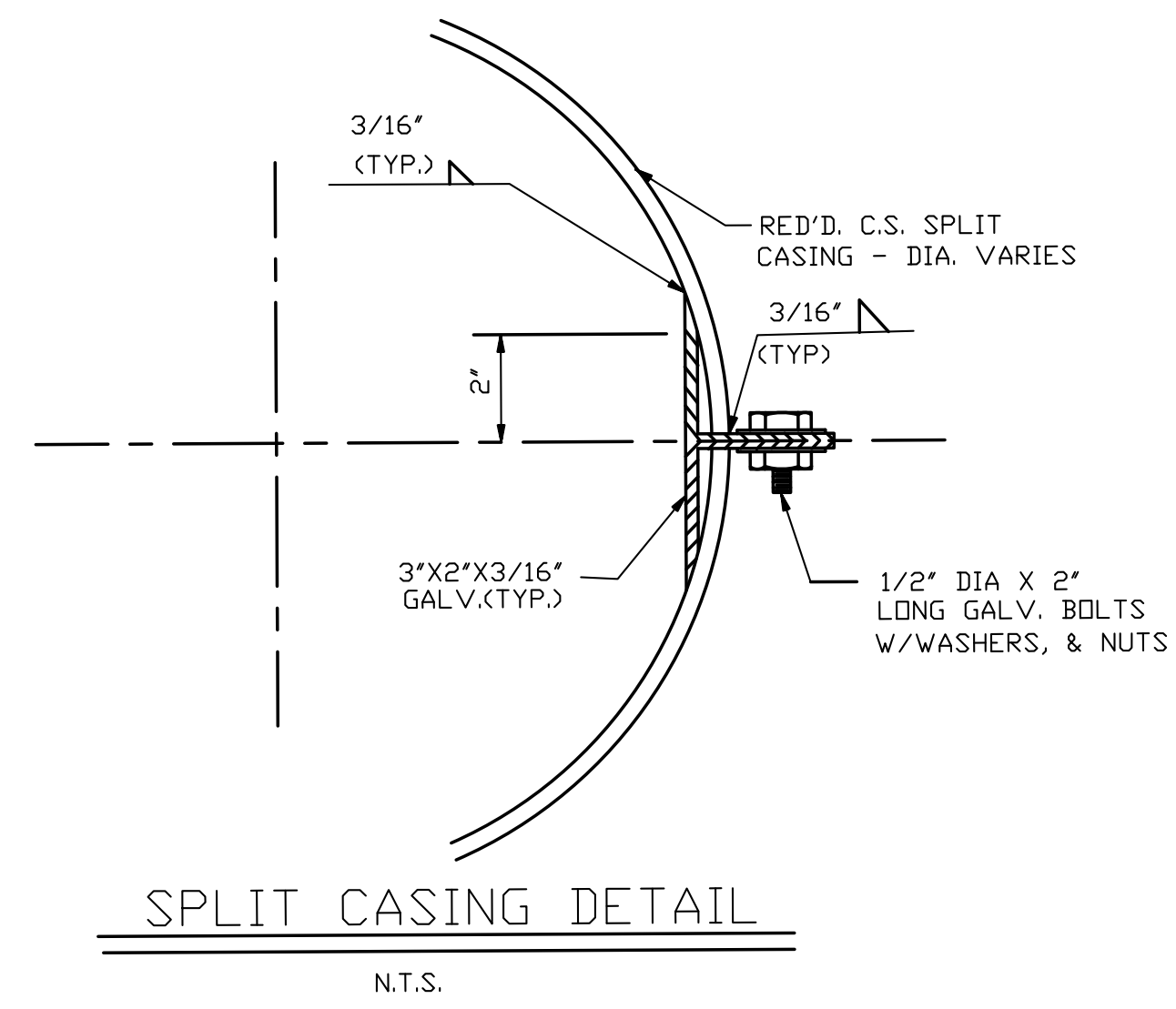
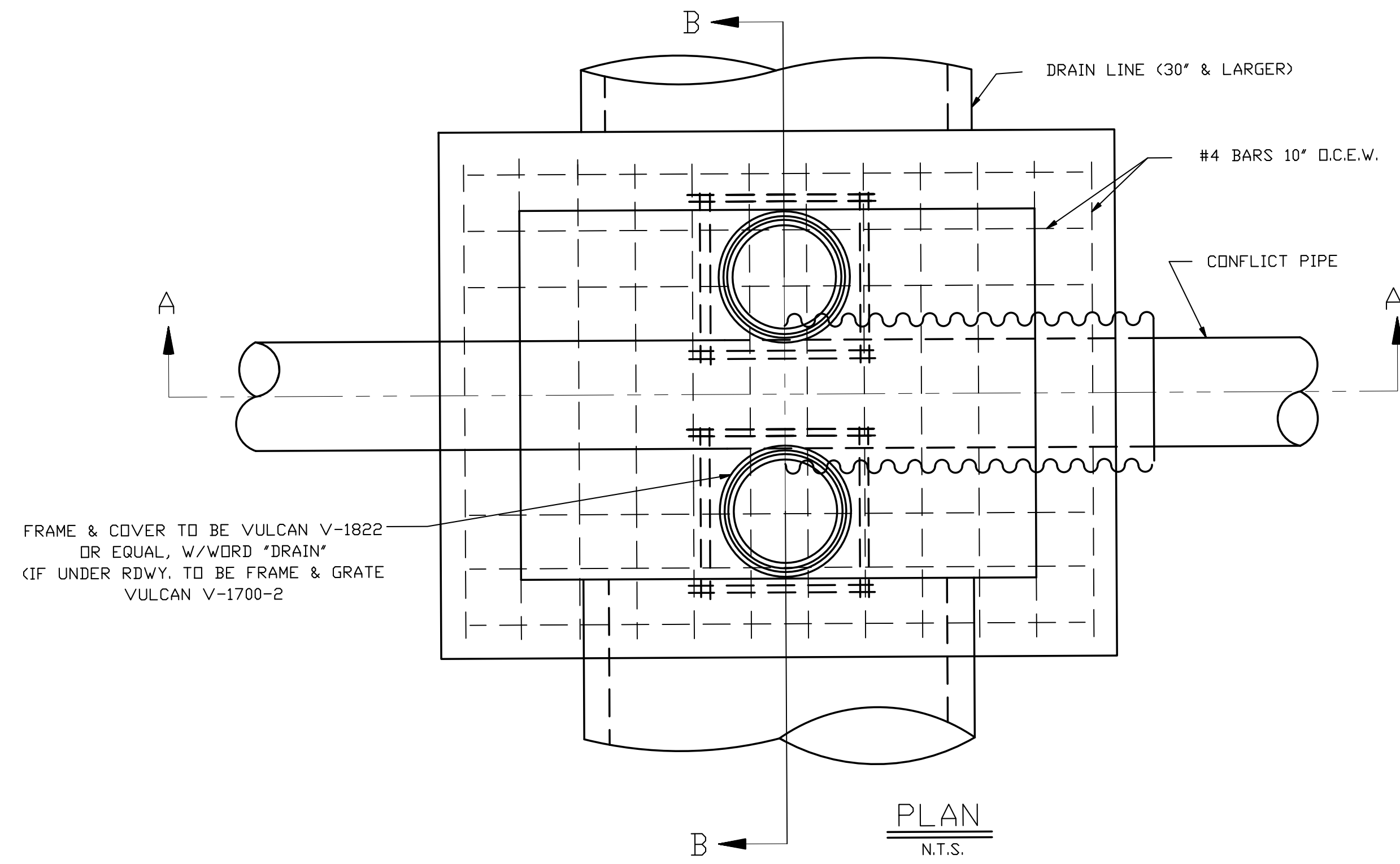
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DRAWN BY	AJS, CDR	DATE	05.05.23
SHEET TITLE	PAVING & DRAINAGE DETAILS		
PROJECT NO.	MBA - 11884	SHEET NO.	C102
	ABM - 201803		



NOTES:

1. CONCRETE STRENGTH TO BE 3000 PSI (MIN) AT 28 DAYS.
2. REINFORCING STEEL SHALL CONFORM TO A.S.T.M. DESIGNATION A6150-GRADE 60.
3. ALL MASONRY TO BE LAID WITH RUNNING BOND AND HEADER COURSE, EVERY FOURTH LAYER.
4. THE MORTAR SHOULD BE TYPE "A", (C250 PSI COMPRESSION).
5. SPLIT CASING SHALL BE ASBESTOS BONDED BITUMINDUS COATED CORRUGATED STEEL, IN COMPLIANCE WITH SEC.701-LA, DDTD STD. SPEC. (1992 EDITION). THICKNESS SHALL BE A MINIMUM 8 GAUGE UNDATED.
6. THE BRICK SHALL CONFORM TO AASHTO DESIGNATION M91, MANHOLE BRICK GRADE MM.
7. IF BOTTOM ELEVATION OF THE CONFLICT IS ABOVE THE UPPER 3RD. OF THE INSIDE DIAMETER OF THE DRAIN LINE THE INVERT OF THE CONFLICT BOX COULD BE THE SAME AS THE INVERT OF THE DRAIN LINE SUBJECT TO THE APPROVAL OF THE PARISH.
8. ALL WATER LINES IN CONFLICT BOX SHALL BE DUCTILE IRON PIPE. OTHER PIPE MATERIAL SHALL BE INSTALLED IN SPLIT CASING.
9. THE EXTERIOR COATING OF ALL DUCTILE IRON PIPE AND FITTINGS PLACED IN THE GROUND SHALL CONSIST OF THE STANDARD BITUMINDUS COATING PLUS A POLYETHYLENE TUBE FOR ADDITIONAL PROTECTION. THE POLYETHYLENE TUBE SHALL BE EIGHT (8) MILS THICK. THE POLYETHYLENE TUBE AND ITS INSTALLATION PROCEDURES SHALL BE IN ACCORDANCE WITH THE SPECIFICATION OF ANSI-A21.5 AND AWWA-C105.

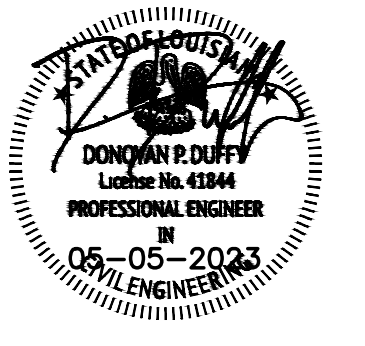


CONFLICT BOX
N.T.S.

1 CONFLICT BOX DETAILS AND NOTES
C102 NTS

No.	Description	Date

KEY PLAN



Mathes Briere + ARCHITECTS
ARCHITECTS BEAZLEY MOJIERE
A JOINT VENTURE

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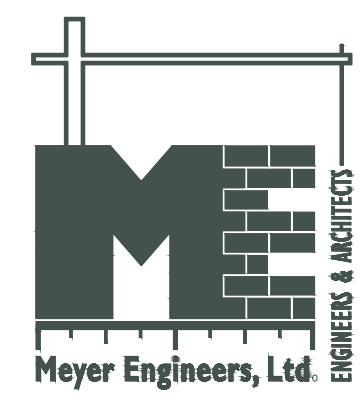
PROJECT TITLE

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DRAWN BY AJS, CDR	DATE 05.05.23
SHEET TITLE CONFLICT BOX DETAILS	
PROJECT NO. MBA - 11884 ABM - 201803	SHEET NO. C103



GENERAL:

- CONTRACTOR IS RESPONSIBLE FOR CLEANING UP ALL DIRT OFF THE STREET AS A RESULT OF HIS CONSTRUCTION ACTIVITIES DURING CONTRACT PERIOD.
- CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL DAMAGE TO ADJOINING PROPERTY WHICH RESULTED FROM HIS CONSTRUCTION ACTIVITIES.
- BRIDGE APPROACH SLABS OR SLABS AT SPECIAL LOCATIONS SHALL BE DESIGNED TO ACCOMMODATE FIELD REQUIREMENTS AND CONDITION, SUBJECT TO APPROVAL BY THE PARISH ENGINEER.
- CONTRACTOR IS REQUIRED TO EXTEND EMBANKMENT/SUB-BASE MINIMUM OF 2 FEET BEYOND THE EDGE OF CONCRETE PAVEMENT OR ONE FOOT OF BASE COURSE (STONE).
- CONTRACTOR WILL KEEP ONE LANE OF TRAFFIC OPEN AT ALL TIMES.
- AS IS POSSIBLE WITHOUT COST, THE GUTTER LINE OF THE ROADWAY SHALL BE ADJUSTED FOR SMOOTH FLOW OF SURFACE RUN-OFF TO THE NEAREST DRAINAGE INLET.
- ALL TRAFFIC CONTROL DETAILS SHALL BE APPROVED BY THE PARISH ENGINEER.
- ALL DRAWINGS / DETAILS / FIGURES INCLUDED IN THESE DOCUMENTS ARE STANDARD AND ARE SUBJECT TO ADJUSTMENTS DICTATED BY ENGINEER OR EXISTING FIELD CONDITIONS.
- ALL EX. STRUCTURES AFFECTED BY CONSTRUCTION SHALL BE ADJUSTED TO MEET PROP. GRADE AND ALIGNMENT.
- THE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING UTILITIES (PRIVATE AND PUBLIC) INCLUDING STORM DRAINAGE PIPES OR STRUCTURES) BEFORE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, DEPTH, AND SIZE OF ALL UNDERGROUND UTILITIES AND STRUCTURES AND SHALL BE LIABLE FOR ANY DAMAGE CAUSED BY FAILURE TO COMPLY WITH THESE INSTRUCTIONS.
- THE CONTRACTOR SHALL FIELD VERIFY THE LENGTH AND SIZE OF ALL REQUIRED UNDERLINES PRIOR TO ORDERING THE MATERIAL.
- IN THE EVENT OF ANY DISCREPANCIES AND / OR ERRORS FOUND IN THE DRAWINGS, OR IF PROBLEMS ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL BE REQUIRED TO NOTIFY THE ENGINEER BEFORE PROCEEDING WITH THE WORK. IF ENGINEER IS NOT NOTIFIED, THE CONTRACTOR SHALL TAKE RESPONSIBILITY FOR THE COST OF ANY WORK AND MATERIALS USED.
- THE CONTRACTOR IS RESPONSIBLE FOR MONITORING CONDITIONS THROUGHOUT THE CONSTRUCTION PERIOD AND CLEARING ANY DEBRIS AND SEDIMENT CAUSED BY CONSTRUCTION. STORM DRAINAGE SYSTEMS ARE TO BE CLEANED AT THE COMPLETION OF THE PROJECT. (NO DIRECT PAY).
- PRIOR TO COMMENCING ANY WATER LINE INSTALLATION, CONTRACTOR SHALL INVESTIGATE LOCATIONS OF PUBLIC AND PRIVATE UTILITIES THAT MAY BE IN CONFLICT WITH THE WATER LINE INSTALLATION.
- CONTRACTOR TO TAKE NECESSARY PRECAUTIONS TO PREVENT WATER LINE FAILURE DUE TO THRUST WHEN EXCAVATING NEAR WATER LINES AND FIRE HYDRANTS.
- WARNING CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING OVERHEAD AND SUBSURFACE UTILITIES IN AREA OF CONSTRUCTION. NO FIELD WORK IN THIS AREA SHALL BE THOROUGHLY COORDINATED WITH UTILITY COMPANY OWNER. COORDINATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- NOISE CONTROL - CONTRACTOR SHALL TAKE REASONABLE MEASURES TO AVOID UNNECESSARY NOISE APPROPRIATE FOR THE AMBIENT SOUND LEVELS IN THE AREA DURING WORKING HOURS. ALL CONSTRUCTION MACHINERY AND VEHICLES SHALL BE EQUIPPED WITH PRACTICAL SOUND MUFFLER DEVICES, AND OPERATED IN A MANNER TO CAUSE THE LEAST NOISES, CONSISTENT WITH EFFICIENT PERFORMANCE OF THE WORK.
- DUST - CONTRACTOR SHALL TAKE REASONABLE MEASURES TO PREVENT UNNECESSARY DUST. EACH SURFACE SUBJECT TO DUSTING SHALL BE KEPT MOIST WITH WATER OR BY APPLICATION OF CHEMICAL DUST SUPPRESSANT. DUSTY MATERIALS IN PILES OR IN TRANSIT SHALL BE COVERED TO PREVENT BLOWING (NO DIRECT PAY).
- CONTRACTOR SHALL GIVE THOSE AFFECTED BY CONSTRUCTION 48 HOURS NOTICE PRIOR TO DISRUPTION OF DRIVEWAYS, DRIVEWAYS, OR TEMPORARY DRIVEWAYS SHALL BE OPEN AT ALL TIMES. CONTRACTOR TO GIVE ALL RESIDENTS AT LEAST 48 HOURS NOTICE PRIOR TO DISRUPTION OF WATER SERVICE DUE TO THE WORK OR ANY OTHER RELATED WORK THAT WILL DISRUPT NORMAL WATER SERVICE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR STABILIZING THE EXISTING BASE COURSE UNDER EXISTING PAVEMENT BEYOND THE LIMITS OF REMOVAL. NO DIRECT PAYMENT SHALL BE MADE FOR ADDITIONAL GRANULAR MATERIAL, OR BASE MATERIAL UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- CONTRACTOR SHALL REGRADE ALL AREAS AFFECTED BY CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE. WORK SHALL BE IN A WORKMAN LIKE MANNER AND IN ACCORDANCE WITH A/E REQUIREMENTS. IF CONTRACTOR DETERMINES THAT ANY AREAS AFFECTED BY CONSTRUCTION CANNOT BE REGRADED TO DRAIN, CONTRACTOR SHALL DOCUMENT (I.E. TAKE ELEVATIONS, PICTURES, ETC.) THE EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
- ANY MATERIALS REMOVED DURING CONSTRUCTION AND DEEMED UNSALVAGEABLE SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND HAULLED OFF SITE TO A LOCATION APPROVED BY THE ST. BERNARD PUBLIC WORKS DEPT. BEYOND THE LIMITS OF THE PROJECT AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL PROVIDE FOR AND MAINTAIN THROUGH AND LOCAL TRAFFIC AT ALL TIMES AND SHALL CONDUCT OPERATIONS IN SUCH A MANNER AS TO CAUSE THE LEAST POSSIBLE INTERFERENCE WITH TRAFFIC AND BUSINESS.
- CONTRACTOR SHALL MAINTAIN DRAINAGE AT ALL TIMES AND MAY BE REQUIRED TO CUT TEMPORARY DRAINAGE TRENCHES IN SHOULDER AS DIRECTED BY THE PROJECT ENGINEER, ANY MATERIAL DEPOSITED IN ANY DRAINAGE FEATURE (DITCHES, CROSS DRAINS, ETC.) DURING CONSTRUCTION SHALL BE CLEANED OUT BEFORE FINAL ACCEPTANCE BY THE CONTRACTOR.
- RAISED PAVEMENT MARKERS SHALL BE PLACED AS DIRECTED BY THE PROJECT ENGINEER. COST SHALL BE INCLUDED IN PRICE BID FOR ITEM NO. 731-02-00100.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LAYING OUT THE WORK AND VERIFYING ALL MEASUREMENTS AND GRADES PRIOR TO BEGINNING OF CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH THE PROJECT CENTERLINE AND ANY NECESSARY TEMPORARY BENCH MARKS FOR CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DESTROY EXISTING MONUMENTS AND SCROSS CUTS, ETC.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO ESTABLISH GRADES TO ASCERTAIN POSITIVE DRAINAGE TO THE NEAREST CATCH BASINS OR DROP INLETS WITHOUT HOLDING WATER IN ROADWAYS.

CONCRETE ROADWAY

- ALL CONCRETE ROADWAY DIRECTLY AFFECTED BY CONSTRUCTION OR DAMAGED AS THE RESULT OF THE CONTRACTOR'S OPERATION SHALL BE REMOVED AND REPLACED FROM JOINT TO JOINT, UNLESS OTHERWISE DIRECTED BY THE ENGINEER AND APPROVED BY ST. BERNARD PARISH.
- TRANSVERSE (EXPANSION OR CONTRACTION) LONGITUDINAL AND CONTRACTION JOINTS SHALL ALL BE INSTALLED IN ACCORDANCE WITH ST. BERNARD PARISH STANDARDS. IN CASES WHERE THE SECTION OF ROADWAY TO BE RESTORED ADJUTS AN EXISTING ROADWAY, ALL TRANSVERSE AND LONGITUDINAL JOINTS SHALL LINE UP AND BE OF THE SAME TYPE AS THE EXISTING JOINTS (EXPANSION, CONTRACTION, ETC.) AND, IN ADDITION, INCLUDE THE MINIMUM NUMBER AND SPACING OF EXPANSION JOINTS SHOWN IN THE STANDARDS.
- PRIOR TO RESTORATION OF THE ROADWAY, THE ENGINEER SHALL FORWARD TO THE PARISH ENGINEER A CONCRETE MIX SUBMITTAL PREPARED BY A REPUTABLE TESTING LABORATORY FOR APPROVAL.
- THE THICKNESS OF THE CONCRETE PAVEMENT IS AS SHOWN IN THE CONCRETE PAVEMENT DETAIL.
- THE FINAL ROADWAY SHALL HAVE 'BURLAP SACKDRAG FINISH' AS STIPULATED UNDER LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES' LATEST EDITION.
- DENSITY TESTS WILL BE REQUIRED FOR ALL ROADWAY BASE MATERIALS WHERE REQUIRED IN THE CONTRACT. THE CONTRACTOR SHALL NOT BE ALLOWED TO RESTORE THE ROADWAY UNTIL ALL DENSITY TESTS HAVE BEEN COMPLETED AND THE RESULTS MEET REQUIREMENT OF PUBLIC WORKS SPECIFICATIONS.
- THE CONTRACTOR SHALL GIVE A MINIMUM NOTICE OF 24 HOURS (EXCLUDING WEEKENDS AND HOLIDAYS) TO THE ENGINEER AND THE ASSIGNED TESTING LABORATORY PRIOR TO THE POURING OF ANY CONCRETE FOR ROADWAY RESTORATION.
- CONCRETE REQUIREMENTS - SEE TECH. SPECIFICATIONS.
- THE PAVEMENT SHALL NOT BE OPENED TO TRAFFIC UNTIL A COMPRESSIVE STRENGTH OF 4,000 PSI IS ATTAINED. IN NO CASE SHALL THE PAVEMENT BE OPENED TO TRAFFIC WITHIN A THREE (3) DAY PERIOD AFTER THE CONCRETE HAS BEEN PLACED.
- DENSITY REQUIREMENTS (STANDARD PROCTOR)
 - BASE COURSE (SAND) - 97%
 - BASE COURSE (STONE) - 95%
 - SUB-BASE (SAND) - 97%
- TESTING REQUIREMENTS: (SUBJECT TO ADJUSTMENT BY ENGINEER)
 - ONE BASE THICKNESS VERIFICATION PER EACH PATCH LOCATION (FULL WIDTH ROADWAY REPAIR WILL BE CONSIDERED TWO PATCH LOCATIONS IF WORK IS PERFORMED IN TWO CONSTRUCTION STAGES)
 - ONE DENSITY TEST ON SUB-BASE (IF APPLICABLE) AND BASE MATERIAL PER EACH PATCH LOCATION (FULL WIDTH ROADWAY REPAIR WILL BE CONSIDERED TWO PATCH LOCATIONS IF WORK IS PERFORMED IN TWO CONSTRUCTION STAGES)
 - ONE SLUMP TEST MINIMUM PER 50 CUBIC YARDS OF CONCRETE OR FRACTION THEREOF
 - THREE (3) CYLINDERS MINIMUM PER 50 CUBIC YARDS OF CONCRETE OR FRACTION THEREOF.
- ADDITIONAL DENSITIES, SLUMP, CYLINDERS, CORES, ETC., WILL BE REQUIRED FOR ISOLATED AREAS. ENGINEER MAY ORDER FURTHER TESTING TO VERIFY THICKNESS, OR AS A RESULT OF A FAILED TEST.
- ANY "FAILED" FIELD TEST MUST BE RETESTED AND THE COSTS ASSOCIATED WITH THE "FAILED" TEST ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL CONCRETE PAVEMENT INSTALLED WITH THIS PROJECT SHALL BE CONSTRUCTED TO INSURE POSITIVE DRAINAGE TO EXISTING & PROPOSED CATCH BASINS.
- THERE SHALL BE NO COST ADJUSTMENT OR ACCEPTANCE FOR PAVEMENT THICKNESS DEFICIENCIES. IF THE CONCRETE CORE IS LESS THAN SPECIFIED, TWO ADDITIONAL CORES ON THE SAME SLAB WITHIN A 5' RADIUS MUST BE TAKEN. IF ONE OF THESE CORES IS LESS THAN SPECIFIED, THEN THE ENTIRE PANEL (JOINT TO JOINT) MUST BE REMOVED AND ADDITIONAL CORES ON OTHER PANELS POURED WITHIN THE SAME TIME FRAME MUST BE TAKEN.
- ALL CONSTRUCTION MATERIAL AND PROCEDURES SHALL CONFORM TO THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES LATEST EDITION UNLESS OTHERWISE SPECIFIED. DEVIATIONS FROM THESE SPECIFICATIONS SHALL HAVE TO BE APPROVED BY PARISH ENGINEER.
- ALL STRUCTURES WITHIN THE PAVEMENT AREA SHALL BE ISOLATED (BOXED OUT) BY MEANS OF AN APPROVED CIRCULAR, SQUARE OR RECTANGULAR JOINT AROUND THEM.
- WHENEVER NEW PAVING INTERSECTS OR MEETS EXISTING PAVING THAT IS TO REMAIN, THE GRADES OF THE NEW PAVING SURFACE SHALL MATCH THE GRADE OF THE EXISTING PAVING.

WATER DISTRIBUTION SYSTEM:

- THE CONTRACTOR SHALL FURNISH ALL LABOR, SUPERVISION, MATERIALS, EQUIPMENT, SERVICES AND PERMITS NECESSARY TO CONSTRUCT THE WATER DISTRIBUTION SYSTEM AS SHOWN ON THE PLANS.
- PRIOR TO SUBMITTING A BID THE CONTRACTOR SHALL OBTAIN THE REQUIREMENTS OF THE WATER AUTHORITY (ST. BERNARD PARISH). WORK IS TO BE PERFORMED AND INCLUDE THE COSTS OF THESE REQUIREMENTS IN THE PRICE BID FOR THE WORK. THE TYPE OF MATERIALS AND THE MANUFACTURERS BRAND OF PIPE, VALVES, HYDRANTS, ETC., REQUIRED BY THE WATER AUTHORITY WILL BE USED. WHENEVER, THE REQUIREMENTS OF THE WATER AUTHORITY ARE MORE STRINGENT THAN THESE SPECIFICATIONS, THEY WILL BE FOLLOWED.
- INCLUDED IN THE WORK SHALL BE A COMPLETE DISTRIBUTION SYSTEM INCLUDING ALL FITTINGS, VALVES, TIENS, CONNECTIONS, THRUST BLOCKS, CHLORINATION AND PRESSURE TESTING. THE CONTRACTOR SHALL INCLUDE IN HIS BID ALL OF THE FITTINGS AND LENGTHS OF PIPE NECESSARY TO AVOID CONFLICTS WITH OTHER UTILITIES AND STRUCTURES.
- WATER MAINS TO BE POLYVINYL CHLORIDE GASKET JOINT CLASS 150 (C-900) WITH "FLUID TITE" COUPLINGS CONFORMING TO ASTM D1744. RUBBER GASKETS TO BE ASTM D1869, UNLESS OTHERWISE NOTED ON PLANS. ALL POLYETHYLENE(PE) PLASTIC TUBING 3/4" THROUGH 2" SHALL BE PS 3408 CONFORMING TO ASTM D2737. USE APPROPRIATE BRASS FITTINGS FOR CONNECTIONS.
- FITTINGS SHALL BE MANUFACTURED BY AND/OR RECOMMENDED FOR USE ON THE PIPE BY THE PIPE MANUFACTURER.
- USE NECESSARY FITTINGS TO AVOID CONFLICTS WITH OTHER UTILITIES.
- THE CONTRACTOR SHALL FURNISH AN "AS-BUILT" PLAN SHOWING THE LOCATION OF ALL VALVES, HYDRANTS, TEES, BENDS, ETC., AND DISTANCES BETWEEN AND TO THE BUILDINGS LINES.
- THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES.
- THE CONTRACTOR SHALL USE APPROVED 8" FITTINGS TO PROVIDE 18" VERTICAL CLEARANCE AND 6" HORIZONTAL CLEARANCE BETWEEN SEWER AND WATER LINES. SEWER LINE SHALL BE LOWER IN ELEVATION THAN WATER LINE.
- THE WATER LINES SHALL PASS A HYDROSTATIC PRESSURE TEST OF 100 PSI FOR ONE HOUR AND LEAKAGE NOT EXCEED 20 GALLONS DAY/MILEIN. DIAMETER OF PIPE, ST. BERNARD PARISH REPRESENTATIVES SHALL BE PRESENT FOR TESTING AND CHLORINATION. THE CONTRACTOR SHALL PROVIDE THE EQUIPMENT NECESSARY FOR THE PRESSURE TEST. TEST SHALL BE REVIEWED BY INDEPENDENT TESTING LAB.
- ALL UTILITY UNDER STREETS TO BE BACK-FILLED WITH SAND OR OTHER SUITABLE MATERIAL APPLIED BY ENGINEER AND COMPACTED TO 97% STD. PROCTOR, PRIOR TO REPAVING.
- ALL WATER LINES ARE TO BE STERILIZED IN ACCORDANCE WITH AWWA STD C-601 AND APPROVED BY THE LOUISIANA DEPARTMENT OF HEALTH AND HOSPITAL BEFORE BEING PLACED IN SERVICE.
- CONTRACTOR SHALL INSTALL A PLASTIC BONDED SOLID 16 GAUGE COPPER WIRE ON THE TOP OF ALL NEWLY CONSTRUCTED WATER MAINS. THE WIRE IS TO BE CONNECTED ALONG THE ENTIRE LENGTH OF THE PIPE AND GROUND TO GATE VALVES, FIRE HYDRANTS OR FLUSHING VALVES. ADDITIONALLY, BLUE 2" WARNING TAPE SHALL BE PLACED 12" INCHES BELOW AND ABOVE ALL WATER LINES.
- ALL TRENCHES UNDER EXISTING OR PROPOSED ROADS SHALL BE COMPACTED TO 97% (ASTM D-698). THE MAXIMUM WIDTH OF TRENCH SHALL NOT EXCEED THE OUTSIDE DIAMETER OF THE PIPE TO BE LAID PLUS TWO (2)" FEET.
- ALL VALVES SHALL HAVE A THREE PIECE CAST IRON VALVE BOX INSTALLED AND ADJUSTED TO FINISH GRADE. VALVE BOXES SHALL BE MANUFACTURED BY TYLER CORPORATION, SERIES 6850 OR APPROVED EQUAL.
- EACH VALVE BOX SHALL HAVE A 24" SQUARE OR 24" ROUND BY 4" THICK CONCRETE PAD, EITHER POURED IN PLACE OR PREFABRICATED AND PLACED. PREFABRICATED PADS MUST BE BY SOUTHERN METER BOX, INC. ALEXANDRIA, LOUISIANA OR APPROVED EQUAL.
- ALL GATE VALVES 3" OR LARGER SHALL CONFORM WITH AWWA C-509-94. RESILIENT SEATED GATE VALVES WITH 200 PSI WORKING PRESSURE FOR WATER SUPPLY SERVICE. GATE VALVES SHALL BE STAINLESS STEEL MUELLER SERIES 2060 TAPPING SLEEVES FOR PVC, AC, AND DI SHALL BE STAINLESS STEEL WITH A STAINLESS STEEL FLANGE AS MANUFACTURED BY MUELLER, CLOW, M&H OR KENNEDY.
- ALL MATERIALS NOT LIMITED TO SADDLES, BRASS FITTINGS, STOPS, VALVES, AND HYDRANTS SHALL BE MANUFACTURED BY MUELLER.
- ALL FIRE HYDRANTS SHALL BE OF A TYPE AS APPROVED BY THE WATER SYSTEMS UTILITY COMPANY AND/OR AS APPROVED BY THE LOCAL FIRE DISTRICT. THE CONTRACTOR TO CONFIRM TYPE PRIOR TO INSTALLATION. IF NONE IS SPECIFIED, THEN FIRE HYDRANTS TO BE MUELLER SUPER CENTURION 250HS, MEETING AWWA C-502-94.
- HYDRANTS SHALL BE OF HIGH SECURITY WITH INTEGRAL CHECK VALVE AS MANUFACTURED BY MUELLER. FIRE HYDRANT SHALL BE MARKED WITH A BLUE REFLECTOR IN THE CENTER OF THE STREET.
- ALL FIRE HYDRANTS SHALL HAVE AT LEAST THREE OUTLETS PER HYDRANT. ONE SHALL BE A STREAMER CONNECTION TO ALLOW FIRE APPARATUS TO PROVIDE WATER FROM HYDRANT TO THE APPARATUS AND THERE SHALL BE AT LEAST TWO 2.5 INCH OUTLETS WITH NATIONAL STANDARD THREADS.
- CONTRACTOR IS RESPONSIBLE FOR THE COST OF ALL TESTING AND CHLORINATION ASSOCIATED WITH VERIFYING THAT CONSTRUCTION IS IN COMPLIANCE WITH PLANS AND SPECIFICATIONS.
- A 4" PVC SCHEDULE 40 PIPE SHALL BE LAID UNDER ALL NEW LINES THAT DO NOT HAVE WATER LINES ON EACH SIDE OF THE ROAD. THE PIPE SHALL BE STREETED UP WITH EACH PROPERLY LINE ON THE OPPOSITE SIDE OF THE ROAD FROM THE WATER LINE. THE PIPE SHALL BE BETWEEN 18" TO 24" IN DEPTH AND SHALL EXTEND OUTWARD 12" PAST THE OUTER EDGE OF THE COMPACTED SUB-BASE AND SHALL BE CAPPED ON EACH END. SHALL BE MARKED BY IMPRESSING LETTER "W" IN THE FACE OF THE STREET CURB, EDGE OF THE STREET, OR MARKED WITH AN APPROVED MARKER.
- CONTRACTOR SHALL MAKE THE TAP TO THE EXISTING WATER MAIN WITH REPRESENTATIVE OF WATER DEPT. PRESENT.
- ALL PLUGS, DEAD ENDS, TEES, CROSSES, BENDS, AND HYDRANT TEES SHALL BE RESTRAINED WITH SOCKET CLAMPS, 3/4" STAINLESS STEEL RODS, OR RESTRAINED FITTINGS FOR AT LEAST 60' ON EITHER SIDE OF THE FITTING, AND INSTALLED WITH ADEQUATE THRUST BLOCKING.
- ALL FIRE HYDRANTS SHALL BE INSTead ON THE PROJECTION OF THE PROPERTY LINE AND WITHIN THE ROAD RIGHT OF WAY. FIRE CONNECTIONS TO THE MAIN SHALL BE CONFIGURED WITH A TEE ON THE MAIN WITH A 6" FLANGED CONNECTION, FLANGED ISOLATION VALVE, AND A FLANGED HYDRANT. FIRE HYDRANT SPACING SHALL BE 400' AS REQUIRED/APPROVED BY THE PARISH FIRE DEPARTMENT.

DRAINAGE NOTES:

- PLASTIC PIPE SHALL BE RIBBED POLYVINYL CHLORIDE CULVERT PIPE AND SHALL CONFORM TO ASTM F794, SERIES 46. ONLY PIPE ON THE STATE OF LOUISIANA QUALIFIED PRODUCTS LIST 66 WILL BE PERMITTED WITH TYPE 3 JOINTS.
- ALL PIPE JOINTS SHALL BE WRAPPED WITH A 36" WIDE PIECE OF PLASTIC FILTER CLOTH (LA D.O.T.D. SPECIFICATIONS FOR ROADS AND BRIDGES 2016 EDITION, SECTION 1019) CENTERED ON THE JOINT AND LAPPED 36".
- TRENCHES WITHIN STREET RIGHT-OF-WAY SHALL BE BACKFILLED WITH PLUMPED RIVER SAND. OTHER TRENCHES MAY BE BACKFILLED WITH SELECT MATERIAL FROM EXCAVATION.
- DRAIN DITCHES CROSSING THE RIGHT-OF-WAY SHALL BE MUCKED OUT (MINIMUM OF 24") OR UNTIL GOOD SOIL IS REACHED WHICHEVER IS GREATER AND FILLED WITH PLUMPED RIVER SAND. WHERE DITCHES CROSS THE LOTS, IT SHALL BE MUCKED OUT AND FILLED WITH SELECT MATERIAL AND MATERIAL FROM EXCAVATION.
- THE CONTRACTOR SHALL PREPARE AND FURNISH THE ENGINEER WITH AN AS-BUILT DRAINAGE PLAN SHOWING STREET GRADES. ALL STRUCTURES MUST BE LOCATED BY STATIONS TIED TO A KNOWN POINT SUCH AS A PROPERTY CORNER OR CROSSSES AT CENTERLINE OF THE STREETS. CONTRACTOR MUST OBTAIN TOP OF CASTINGS, ELEVATIONS AND INVERTS OF ALL DRAINAGE STRUCTURES.
- CONTRACTOR TO USE PROPER PIPE PULLER DEVICES (MECHANICAL DEVICE) FOR TIGHTENING JOINTS FOR 36" DIAMETER RCP AND LARGER.
- BEDDING FOR ALL DRAIN PIPE SHALL CONFORM TO THE PIPE MANUFACTURERS REQUIREMENTS.
- BACKFILL MATERIAL SHALL BE THOROUGHLY COMPACTED UNDER HAUNCHES AND THEN COMPACTED IN LAYERS NOT EXCEEDING 12 INCHES COMPACTED THICKNESS. EACH LAYER SHALL BE COMPACTED BY APPROVED METHODS TO AT LEAST 96 PERCENT OF MAXIMUM DENSITY PRIOR TO PLACEMENT OF A SUBSEQUENT LAYER. EXPOSED SLOPES AT THE CONDUIT ENDS SHALL BE COVERED BY AT LEAST 12 INCHES COMPACTED THICKNESS OF PLASTIC SOIL BLANKET.
- DENSITY TEST SHALL BE REQUIRED AT 200 FEET INTERVALS, PER LAYER, ALONG A CONTINUOUS DRAIN LINE THAT MAY VARY IN SIZE, ALTERNATING ON ONE SIDE OF THE PIPE TO THE OTHER. FOR PIPE LENGTHS LESS THAN 200 FEET, ONE TEST WILL BE REQUIRED PER LAYER.
- PVC DRAIN PIPES BENEATH PROPOSED ROADWAYS SHALL HAVE A MINIMUM DEPTH OF COVER OF TWO (2) FEET DURING CONSTRUCTION. MATERIAL SHALL BE ADDED AS REQUIRED TO MAINTAIN THE MINIMUM 2 FEET OF COVER PRIOR TO PLACEMENT OF CONCRETE.
- THE MINIMUM DEPTH OF COVER BENEATH PAVEMENT SHALL BE ONE (1) FOOT AT THE COMPLETION OF CONSTRUCTION. COVER FOR PIPE BENEATH PAVEMENT SHALL BE MEASURED FROM THE TOP OF PIPE TO THE BOTTOM OF CONCRETE. THE MINIMUM DEPTH OF COVER FOR PIPE LOCATED BEHIND BACK OF CURB SHALL BE 24 INCHES.
- THE PARISH RESERVES THE RIGHT AT ANY TIME DURING CONSTRUCTION TO EXCAVATE, AT THE PARISH'S EXPENSE, ANY SECTION OF PIPE TO MONITOR COMPLIANCE WITH MANUFACTURERS BEDDING REQUIREMENTS. SHOULD THE EXPOSED PIPE REVEAL IMPROPER BEDDING, THE ENTIRE JOB OR A PORTION THEREOF AT THE DIRECTOR'S DISCRETION SHALL BE EXCAVATED AT THE OWNERS EXPENSE AND ANY DIFFERENCES CORRECTED.
- NO SOONER THAN 30 DAYS AFTER INSTALLATION OF PVC PIPE, A FIVE DEFLECTION TEST SHALL BE REQUIRED. THE DEVELOPER MUST PAY THE TESTING FEE FOR THE LABORATORIES SELECTED BY THE PARISH. ANY PIPE SECTION THAT FAILS THE TEST WILL HAVE TO BE EXCAVATED AND REINSTALLED WITH PROPER BEDDING.
- COPES OF ALL TESTING REPORTS SHALL BE FORWARDED TO THE ST. BERNARD PARISH DEPARTMENT OF PUBLIC WORKS.
- PROPOSED PLASTIC PIPE (RIBBED) FOR DRAIN TIE-IN SHALL USE ONE STANDARD DOUBLE GASKET, POSITIONED ON THE PIPE IN THE CENTER OF THE MANHOLE WALL.
- CORRUGATED METAL PIPE SHALL CONFORM TO LADOTC SPECIFICATIONS.
- 21-INCH OR SMALLER DIAMETER SHALL HAVE 14 GAUGE THICKNESS AND 24-INCH OR LARGER DIAMETER SHALL HAVE 12 GAUGE THICKNESS.

DRIVEWAYS AND SIDEWALKS

- ALL DRIVEWAYS REMOVED SHALL BE REPLACED IN KIND UNLESS OTHERWISE NOTED.
- THE EXACT LIMITS OF REMOVAL AND REPLACEMENT OF DRIVEWAYS (CONCRETE, ASPHALT, BRICK, STONE, SLATE, ETC.) SHALL BE DETERMINED BY THE ENGINEER. THE CONTRACTOR SHALL NOT REMOVE ANY DRIVEWAY WITHOUT PRIOR APPROVAL OF THE ENGINEER.
- THE CONTRACTOR IS REQUIRED TO SAW CUT (FULL DEPTH) SIDEWALKS, DRIVEWAYS, CONCRETE AND ASPHALT PAVEMENT OR OTHER CONSTRUCTION AREAS TO INSURE A STRAIGHT LINE BETWEEN OLD AND NEW WORK.
- ALL SIDEWALKS AND DRIVEWAYS (CONCRETE, BRICK, STONE, SLATE, ETC.) DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION, WHICH IN THE OPINION OF THE ENGINEER ARE OUTSIDE THE LIMITS OF THE ROADWAY CONSTRUCTION, SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- THE CONTRACTOR SHALL ADJUST THE ELEVATIONS OF THE NEW SIDEWALKS SO AS TO ALLOW DRAINAGE AWAY FROM THE PROPERTY AT ALL TIMES. SIDEWALK ELEVATIONS MAY BE ADJUSTED TO ALLOW DRAINAGE THROUGH DRIVEWAYS WITH DEPRESSED CURBS.
- TESTING REQUIREMENTS FOR DRIVEWAYS, SIDEWALKS, AND HANDICAPPED RAMPS SHALL FOLLOW THE SPECIFICATIONS PROVIDED WITH THIS PROJECT.

HORTICULTURE REQUIREMENTS

- ALL TREE REMOVALS, BRANCH PRUNING OR ROOT CUTTING SHALL BE PERFORMED BY A LOUISIANA LICENSED ARBORIST APPROVED BY ST. BERNARD PARISH. AN URBAN FORESTER PERMIT SHALL BE OBTAINED BY THE CONTRACTOR.
- ALL EXISTING TREES, SHRUBS, AND VEGETATION DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED IN KIND OR REPAIRED AT NO DIRECT PAY.
- ALL TREES EXCEPT THOSE ON RIGHT-OF-WAY GREEN SPACE NEAR ANY EXCAVATION OR CONSTRUCTION OF ANY BUILDING, STRUCTURE, OR STREET WORK SHALL BE GUARDED WITH A GOOD SUBSTANTIAL FENCE, FRAME, OR BOX. THE "CONSTRUCTION TREE GUARD" SHALL BE COST THIRTY-FOUR (4) FEET HIGH AND EIGHT (8) FEET SQUARE, OR AT A DISTANCE IN FEET FROM THE TREE TRUNK EQUAL TO THE DIAMETER OF THE TRUNK AT THAT HEIGHT (EIGHT INCHES). WHENEVER IS GREATER, WHICH EVER IS GREATER, DIRT, OR OTHER DEBRIS SHALL BE KEPT OUTSIDE THE CONSTRUCTION TREE GUARD.
- ALL DISTURBED GRASS AREAS SHALL BE REPLACED WITH SOIL TO MATCH THE EXISTING.

PAVING NOTES:

- UNLESS OTHERWISE SHOWN, ALL PAVEMENT SHALL MEASURE 2" BACK OF CURB AND SHALL BE 7" THICK MINIMUM VERIFIED BY STAGGERED CORES TAKEN AT A MAXIMUM OF 20' INTERVAL.
- PORTLAND CEMENT CONCRETE PAVEMENT SHALL BE IN ACCORDANCE WITH SECTIONS 601 & 601 OF THE DOTD STANDARD SPECIFICATION FOR ROADS AND BRIDGES (LATEST EDITION) AND SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS.
- IMMEDIATELY AFTER COMPLETION OF FINISHING OPERATIONS AND AS SOON AS MARRING OF CONCRETE WILL NOT OCCUR, THE PAVEMENT SURFACE SHALL BE CURED BY COVERING WITH A WHITE PIGMENT CURING COMPOUND IN CONFORMANCE WITH DOTD STANDARD SPECIFICATION FOR ROADS AND BRIDGES LATEST EDITION.
- CONTRACTOR SHALL USE THE NECESSARY SAND BASE TO BRING THE ROADWAY GRADES SHOWN ON THE PLANS. THIS MAY REQUIRE MORE THAN THE MINIMUM SAND BASE. A JOINT SEALER SHALL BE IN ACCORDANCE WITH SECTION 100.02 OF DOTD STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, 200 EDITION. THE SEALANT AND BACKER MATERIAL SHALL BE IN ACCORDANCE WITH LISTED IN DOTD'S QUALIFIED PRODUCT LIST.
- SAW CUTTING USING A CONCRETE CUTTING TYPE SAW TO MAKE A TRUE STRAIGHT LINE FULL DEPTH SHALL BE REQUIRED ALONG THE ENTIRE LIMITS OF THE AFFECTED AREA OF REMOVAL. UNLESS OTHER METHODS ARE AUTHORIZED BY THE PARISH ENGINEER.
- REQUIREMENT 3 SPECIFIED UNDER CONCRETE ROADWAY SHALL ALSO APPLY FOR ASPHALT.
- JOB MIX FORMULA, PG 70-22M (LEVEL 1), PER LA DOTD STANDARDS, 2016 EDITION
- ALL CONSTRUCTION MATERIALS, PROCEDURES, TESTING, FINISHING, ETC. SHALL CONFORM TO THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES (2016) LATEST EDITION. DEVIATIONS FROM THESE SPECIFICATIONS SHALL HAVE TO BE APPROVED BY THE PARISH ENGINEER.
- DENSITY REQUIREMENTS (STANDARD PROCTOR)
 - BASE COURSE (SAND) - 97%
 - BASE COURSE (STONE) - 95%
 - SUB-BASE (SAND) - 97%
- TESTING REQUIREMENTS: (SUBJECT TO ADJUSTMENT BY ENGINEER)
 - ONE BASE THICKNESS VERIFICATION PER EACH PATCH LOCATION (FULL WIDTH ROADWAY REPAIR WILL BE CONSIDERED TWO PATCH LOCATIONS IF WORK IS PERFORMED IN TWO CONSTRUCTION STAGES)
 - ONE DENSITY TEST ON SUB-BASE (IF APPLICABLE) AND BASE MATERIAL PER EACH PATCH LOCATION (FULL WIDTH ROADWAY REPAIR WILL BE CONSIDERED TWO PATCH LOCATIONS IF WORK IS PERFORMED IN TWO CONSTRUCTION STAGES)
 - ALL ASPHALT PLANT TESTING TO BE PERFORMED AT THE DIRECTION OF ENGINEER, IN AGREEMENT WITH ST. BERNARD PARISH.

ASPHALT ROADWAY

- SEWER PIPE SHALL BE PVC PIPE AND SHALL CONFORM TO ASTM D-3034, SDR 35 THICK WALL EXTRA HEAVY SERIES, OR APPROVED EQUAL. SEWER GRAVITY LINE SHALL BE GREEN IN COLOR. SEWER FORCE MAIN SHALL BE WHITE OR BLACK IN COLOR. FORECMAIN SHALL BE C-3000 OR HIPS (DR 21, PE 3408) AND CONFORM TO ASTM D-1248. FORECMAIN SHALL BE MARKED WITH FIBERGLASS MARKER AT 100 FOOT INTERVALS
- THE CONTRACTOR IS RESPONSIBLE TO CHECK WITH THE UTILITY OWNER OR HIS REPRESENTATIVE FOR COORDINATION OF ALL TESTING NECESSARY TO SECURE APPROVAL FROM THE UTILITY OWNER FOR HIS WORK. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF ALL TESTING ASSOCIATED WITH VERIFYING THAT CONSTRUCTION IS IN COMPLIANCE WITH PLANS AND SPECIFICATIONS.
- SEWER SERVICE/HOUSE CONNECTIONS CONNECTED TO A TERMINAL MANHOLE SHALL BE CONNECTED AT THE INVERT OF THE TERMINAL MANHOLE.
- SEWER AND WATER MAINS SHALL BE LAID IN SEPARATE TRENCHES NOT LESS THAN SIX (6) FEET APART HORIZONTALLY. WHEN INSTALLED IN PARALLEL, CROSSING WATER AND SEWER MAINS SHALL HAVE A MINIMUM VERTICAL SEPARATION OF EIGHTEEN (18") INCHES. THE SEWER LINE SHALL BE LAID LOWER IN ELEVATION THAN THE WATER LINE.
- STEPS WILL NOT BE INSTALLED UNLESS DIRECTED BY THIS UTILITY OPERATOR AND DETAILS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY WHEN DEMED NEEDED BY THE UTILITY OPERATOR.
- THE CONTRACTOR SHALL FURNISH 8" HOSE DOWN WATER LINE, MIN. 1" IN DIAMETER WITH HOSE BIB TO EACH SEWER LIFT STATION AND/OR SEWER TRENCH PLANT AREA.
- IDENTIFICATION OR TRACER WIRE SHALL BE BURIED IN THE TRENCH ABOVE THE PIPE.
- CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES.
- INFILTRATION SHALL NOT EXCEED 15 GAL./INCH OF DIAMETER/EXT. OF PIPE/24 HOURS.
- ALL LOTS MUST BE PROVIDED WITH A SEWER SERVICE/HOUSE CONNECTION (HC). SEWER HC, IF PRACTICAL SHALL BE INSTALLED PERPENDICULAR TO THE SEWER MAIN. ALL SEWER HC INSTALLED BY THE CONTRACTOR SHALL BE PROPERLY PLUGGED. LOCATION OF ALL HC SHALL BE MARKED BY IMPRESSING LETTERS HC IN THE FACE OF THE STREET CURB, EDGE OF STREET, OR MARKED WITH AN APPROVED MARKER. END OF HC SHALL BE MARKED BY EXTEND THE 6" HC FROM CLEANOUT LOCATION VERTICALLY MIN. 3" ABOVE GRADE AT THE END OF HC.
- MANHOLE CONNECTIONS (CONNECTION OF SEWER PIPES TO MANHOLES) SHALL BE WATERTIGHT. CONNECTION OF PVC SEWER PIPE TO MANHOLES WITH CONCRETE GROUT, WITHOUT SOME FORM OF APPROVED MANHOLE CONNECTOR OR WATER STOP, SHALL NOT BE PERMITTED.
- PROVIDE RESTRAINED JOINT FITTINGS ON ALL FORCE MAIN JOINTS WITHIN 20' OF ANY BENDS FOR PVC OR DUCTILE IRON PIPE.
- SEWER GRAVITY LINES SHALL INCLUDE GEOTEXTILE FABRIC WRAPPED AROUND 6" LIMESTONE BEDDING.
- THE TYPE, SIZE AND LOADINGS OF EQUIPMENT USED DURING THE MILLING AND OVERLAY OPERATIONS MAY BE LIMITED AT THE DISCRETION OF THE PROJECT ENGINEER.

SEWER NOTES:

- THE CONTRACTOR SHALL FURNISH ALL LABOR, SUPERVISION, MATERIALS, EQUIPMENT, SERVICES AND PERMITS NECESSARY TO CONSTRUCT THE SEWER DISTRIBUTION SYSTEM AS SHOWN ON THE PLANS.
- THE SLOPE OF ALL SEWER MAINS TO BE A MINIMUM OF 0.004 FT./FT. OR AS OTHERWISE SHOWN ON PLAN.
- PRE-CAST CONCRETE MANHOLES (ASTM A48, CLASS 20) MAY BE USED AS APPROVED BY THE ENGINEER. 2"PEX ADDITIVE SHALL BE INCLUDED IN MIX.
- EXFILTRATION SHALL NOT EXCEED 15 GAL./IN. DIA./MILE PIPE/24 HOUR PERIOD.
- THE CONTRACTOR SHALL FURNISH THE ENGINEER WITH AN "AS-BUILT" PLAN SHOWING THE DISTANCE FROM THE NEAREST MANHOLE TO EACH HOUSE CONNECTION, DEPTH OF MANHOLE, ETC.. DISTANCE OF HC FROM DOWNSTREAM MANHOLES. THIS DISTANCE SHALL BE MEASURED ALONG THE CENTERLINE OF THE MAIN AND SHALL BE EQUAL TO THE DISTANCE FROM THE CENTER OF THE DOWNSTREAM MANHOLE TO THE PROJECTION POINT OF EACH HC (HC AT PROPERTY LINE) ONTO THE MAIN.
 - ELEVATION OF SERVICE CONNECTIONS AT THE PROPERTY LINE.
 - THE INVERT AND TOP OF CASTING ELEVATIONS AND DEPTHS OF EACH MANHOLE.
 - PVC INVERTS AT MANHOLES.
 - THE CENTER TO CENTER DISTANCES OF CONSECUTIVE MANHOLES.
- ALL CUTS UNDER DRIVEWAYS OR STREETS TO BE BACK-FILLED WITH SIMILAR MATERIAL AS EXISTING FOR THE DRIVE SURFACE, AND OR OTHER SUITABLE MATERIAL AS APPROVED BY THE ENGINEER AND COMPACTED TO 95% STD. PROCTOR. BORING BENEATH ROADWAYS IS AN ACCEPTABLE ALTERNATIVE. CONTRACTOR TO ASSUME ALL LIABILITY FOR STREET DAMAGE RESULTING FROM EXCAVATION OR BORING ACTIVITY AND SHALL REPAIR AND REPAVE ANY DAMAGE RESULTING FROM HIS CONSTRUCTION ACTIVITIES.
- ALL SEWER PIPES SHALL BE CHECKED FOR ALIGNMENT.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE MEANS OF CONTROLLING THE STABILITY OF ALL EXCAVATIONS, AND PROVIDE SAFE WORKING CONDITIONS FOR HIS EMPLOYEES AND SUBCONTRACTORS.
- THE CONTRACTOR SHALL USE TIMBER SHEETING OR TRENCH BOX, WHEN NECESSARY TO CONTROL THE WIDTH AND STABILITY OF EXCAVATIONS AND TO PROVIDE SAFE WORKING CONDITIONS FOR HIS WORKMEN. NO EXTRAS SHALL BE PAID FOR THIS ITEM.

MANHOLES

- MANHOLES SHALL BE PRECAST REINFORCED CONCRETE CONFORMING TO ASTM A48. MANHOLE RISERS AND TOPS CONFORMING TO ASTM C-478 WITH JOINTS OF "RAM-X" PERFORMED PLASTIC ROPE AS MANUFACTURED BY K.T. SYNDER, HOUSTON, TEXAS OR ASTM C-443 RUBBER GASKET.
- DROP SEWER MANHOLES SHALL BE INSTALLED WHEN THE VERTICAL DISTANCE FROM THE MANHOLE INVERT TO THE SEWER MAIN INVERT EXCEEDS THREE (3) FEET.
- ALL MANHOLE TOPS SHALL BE CONSTRUCTED AT LEAST ONE FOOT ABOVE THE HIGHEST FLOODWATER ELEVATION. IF THIS IS NOT FEASIBLE, MANHOLE FRAME AND COVER TO BE WATER TIGHT SHALL BE EQUAL TO NEEPAH FOUNDRY CO. R-1916-D.
- ALL MANHOLE FRAMES, COVERS, AND STEPS SHALL BE ASPHALT COATED.
- FORCE MAIN CONNECTIONS TO A PROPOSED MANHOLE 8" OR LESS IN DEPTH SHALL BE MADE FROM UNDERNEATH THROUGH THE BOTTOM CENTER OF THE MANHOLE. CONNECTIONS TO PROPOSED MANHOLES OVER 8" IN DEPTH AND TO EXISTING MANHOLES SHALL BE MADE THROUGH THE SIDE AT THE SPECIFIED ELEVATION.

SEWER SERVICE

- SEWER PIPE SHALL BE PVC PIPE AND SHALL CONFORM TO ASTM D-3034, SDR 35 THICK WALL EXTRA HEAVY SERIES, OR APPROVED EQUAL. SEWER GRAVITY LINE SHALL BE GREEN IN COLOR. SEWER FORCE MAIN SHALL BE WHITE OR BLACK IN COLOR. FORECMAIN SHALL BE C-3000 OR HIPS (DR 21, PE 3408) AND CONFORM TO ASTM D-1248. FORECMAIN SHALL BE MARKED WITH FIBERGLASS MARKER AT 100 FOOT INTERVALS
- THE CONTRACTOR IS RESPONSIBLE TO CHECK WITH THE UTILITY OWNER OR HIS REPRESENTATIVE FOR COORDINATION OF ALL TESTING NECESSARY TO SECURE APPROVAL FROM THE UTILITY OWNER FOR HIS WORK. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF ALL TESTING ASSOCIATED WITH VERIFYING THAT CONSTRUCTION IS IN COMPLIANCE WITH PLANS AND SPECIFICATIONS.
- SEWER SERVICE/HOUSE CONNECTIONS CONNECTED TO A TERMINAL MANHOLE SHALL BE CONNECTED AT THE INVERT OF THE TERMINAL MANHOLE.
- SEWER AND WATER MAINS SHALL BE LAID IN SEPARATE TRENCHES NOT LESS THAN SIX (6) FEET APART HORIZONTALLY. WHEN INSTALLED IN PARALLEL, CROSSING WATER AND SEWER MAINS SHALL HAVE A MINIMUM VERTICAL SEPARATION OF EIGHTEEN (18") INCHES. THE SEWER LINE SHALL BE LAID LOWER IN ELEVATION THAN THE WATER LINE.

STEPS

- STEPS WILL NOT BE INSTALLED UNLESS DIRECTED BY THIS UTILITY OPERATOR AND DETAILS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY WHEN DEMED NEEDED BY THE UTILITY OPERATOR.

TRACER WIRE

- THE CONTRACTOR SHALL FURNISH 8" HOSE DOWN WATER LINE, MIN. 1" IN DIAMETER WITH HOSE BIB TO EACH SEWER LIFT STATION AND/OR SEWER TRENCH PLANT AREA.
- IDENTIFICATION OR TRACER WIRE SHALL BE BURIED IN THE TRENCH ABOVE THE PIPE.
- CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES.

INFILTRATION

- INFILTRATION SHALL NOT EXCEED 15 GAL./INCH OF DIAMETER/EXT. OF PIPE/24 HOURS.

SEWER MANHOLES


- ALL LOTS MUST BE PROVIDED WITH A SEWER SERVICE/HOUSE CONNECTION (HC). SEWER HC, IF PRACTICAL SHALL BE INSTALLED PERPENDICULAR TO THE SEWER MAIN. ALL SEWER HC INSTALLED BY THE CONTRACTOR SHALL BE PROPERLY PLUGGED. LOCATION OF ALL HC SHALL BE MARKED BY IMPRESSING LETTERS HC IN THE FACE OF THE STREET CURB, EDGE OF STREET, OR MARKED WITH AN APPROVED MARKER. END OF HC SHALL BE MARKED BY EXTEND THE 6" HC FROM CLEANOUT LOCATION VERTICALLY MIN. 3" ABOVE GRADE AT THE END OF HC.

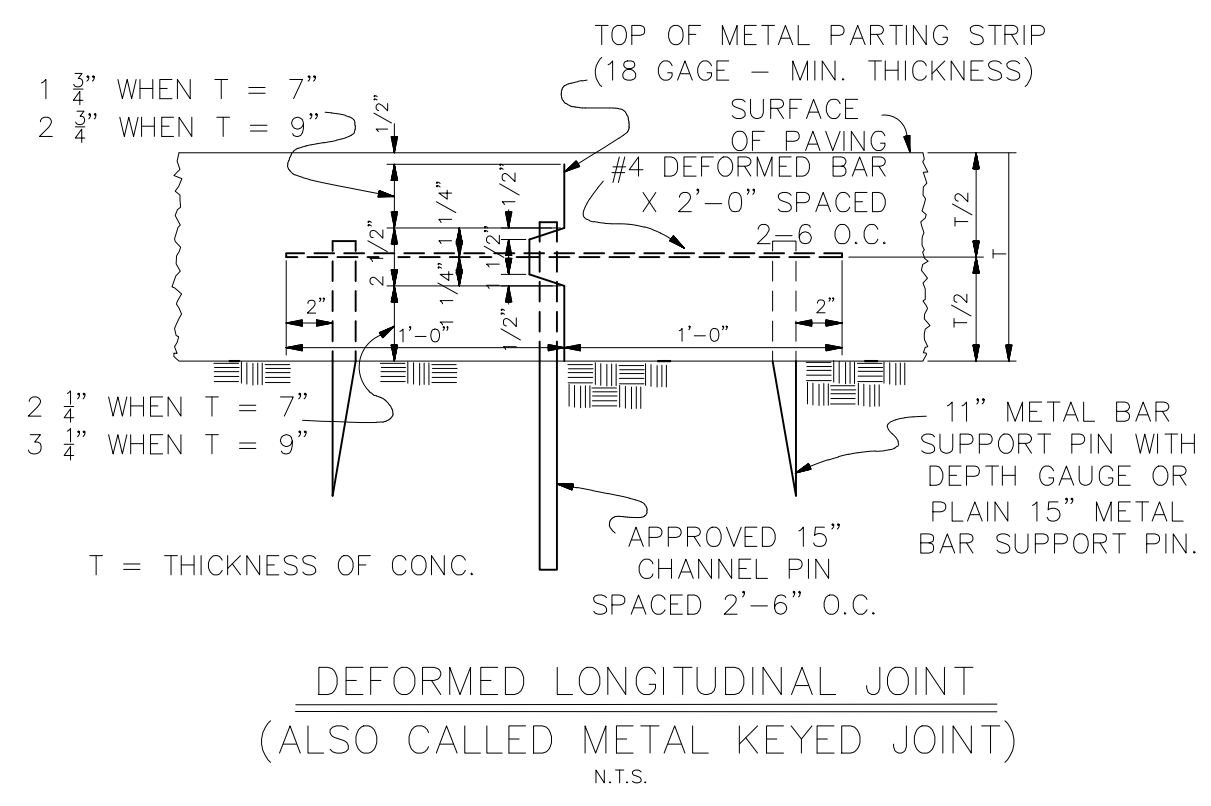
MANHOLE CONNECTIONS

- MANHOLE CONNECTIONS (CONNECTION OF SEWER PIPES TO MANHOLES) SHALL BE WATERTIGHT. CONNECTION OF PVC SEWER PIPE TO MANHOLES WITH CONCRETE GROUT, WITHOUT SOME FORM OF APPROVED MANHOLE CONNECTOR OR WATER STOP, SHALL NOT BE PERMITTED.

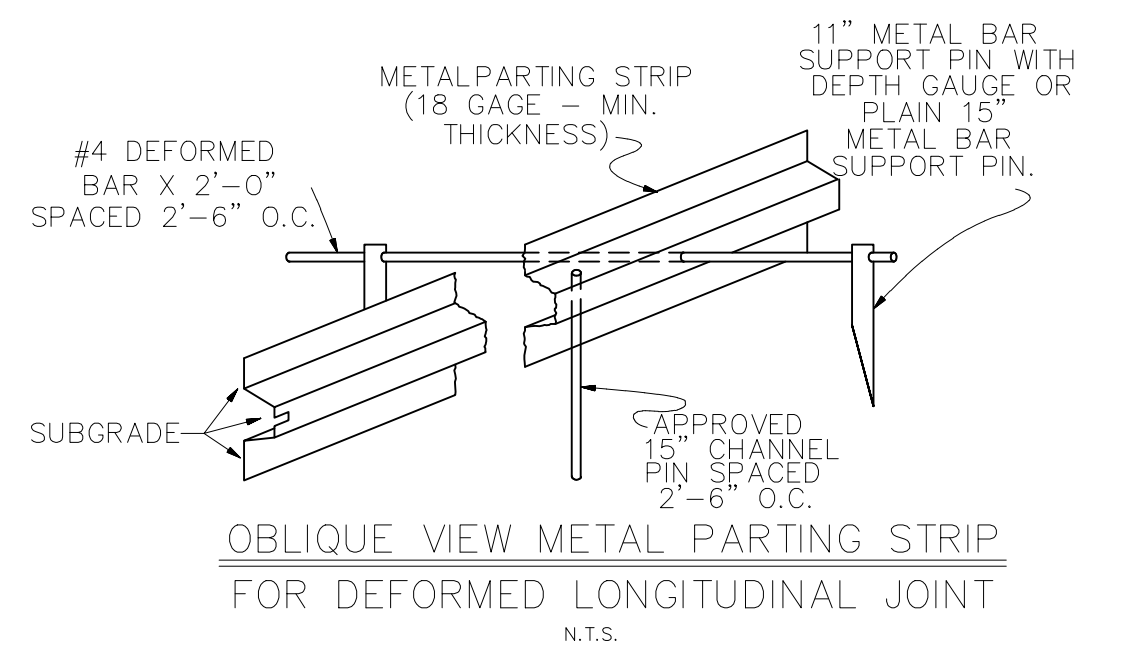
RESTRAINED JOINTS

- PROVIDE RESTRAINED JOINT FITTINGS ON ALL FORCE MAIN JOINTS WITHIN 20' OF ANY BENDS FOR PVC OR DUCTILE IRON PIPE.
- SEWER GRAVITY LINES SHALL INCLUDE GEOTEXTILE FABRIC WRAPPED AROUND 6" LIMESTONE BEDDING.
- THE TYPE, SIZE AND LOADINGS OF EQUIPMENT USED DURING THE MILLING AND OVERLAY OPERATIONS MAY BE LIMITED AT THE DISCRETION OF THE PROJECT ENGINEER.

	PROJECT NAME :	PROJECT NUMBER:
DATE: 08.07.2019	ST. BERNARD PARISH GOVERNMENT	APPROVED BY
DRAWN BY: MF/AR	STANDARD DETAIL PLANS	DRAWING NUMBER
SCALE: VARIES	GENERAL NOTES	SD - 1
FILENAME: S:\Public Works\Shared\St. Bernard Standard Road Details	DATE:	SHEET 1 of 21
	THIS DOCUMENT WILL BE CONSIDERED A COPY ONLY, UNLESS EMBOSSED BY A REGISTERED ENGINEER SEAL.	

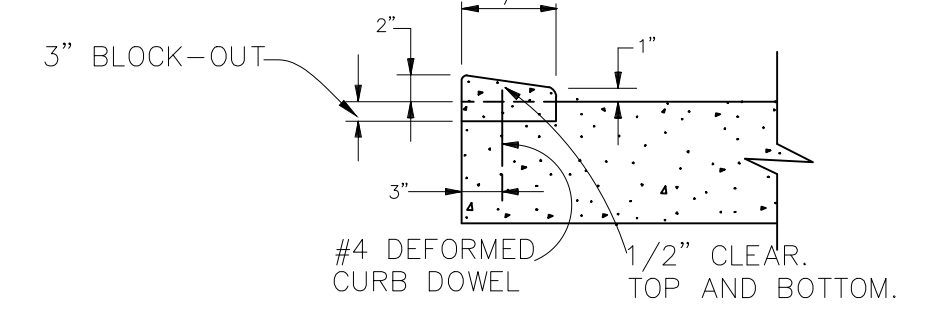


DEFORMED LONGITUDINAL JOINT
(ALSO CALLED METAL KEYED JOINT)
N.T.S.

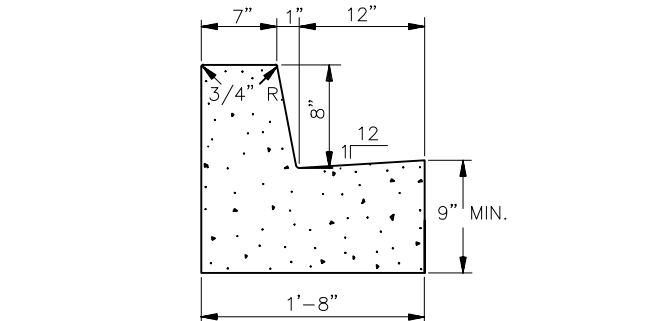


OBLIQUE VIEW METAL PARTING STRIP
FOR DEFORMED LONGITUDINAL JOINT
N.T.S.

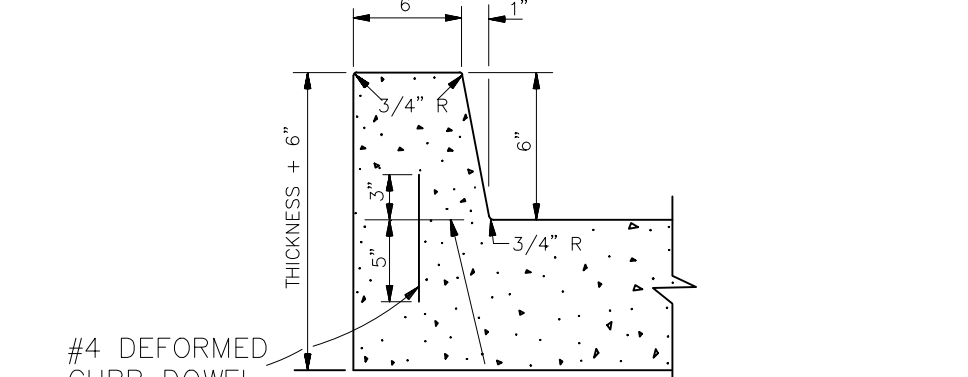
NOTE: ALL JOINTS FOR CONCRETE PAVEMENT SHOWN IN LA. D.O.T.D. STANDARD PLANS CP-01 CAN BE USED AT THE REQUEST OF THE ENGINEER WHO SHALL PROVIDE CONSTRUCTION DETAILS TO CONTRACTOR.



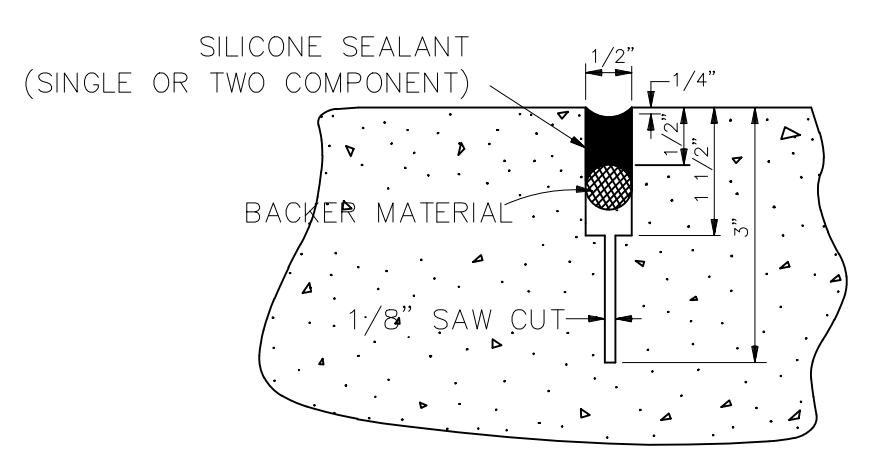
MODIFIED BARRIER CURB
N.T.S.



8" HIGH BARRIER TYPE
CONCRETE CURB & GUTTER
(ASPHALT PAVEMENT ROADWAY)
N.T.S.

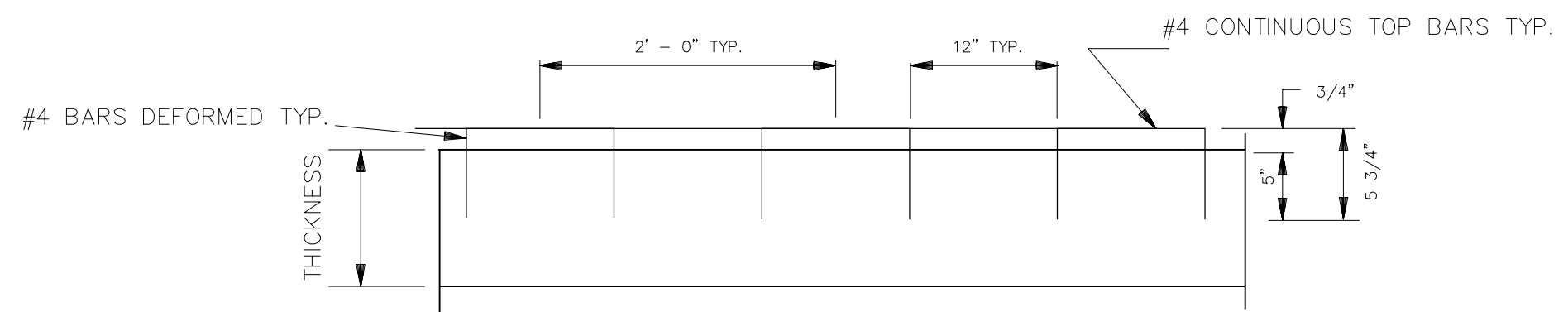


6" HIGH BARRIER
TYPE CONCRETE CURB.
(CONCRETE PAVEMENT ROADWAY)
N.T.S.

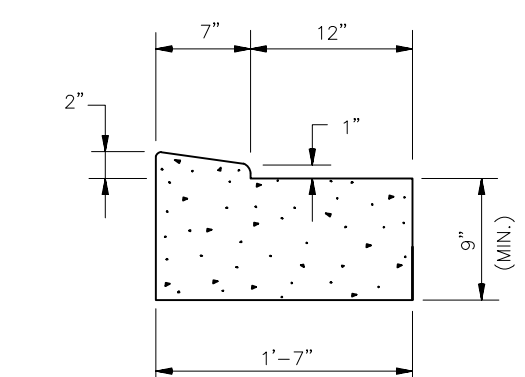


DETAIL "A"

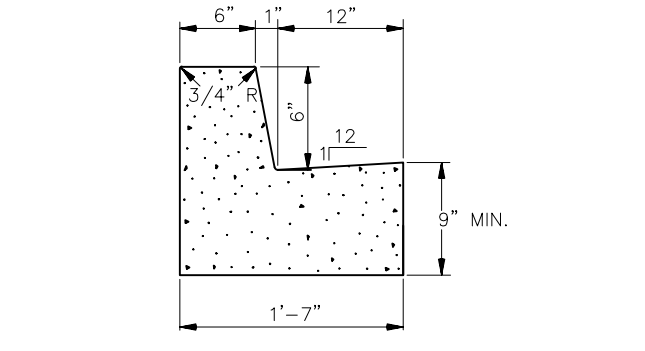
DETAILS "A" AND "B" ARE USED IN CONJUNCTION WITH TRANSVERSE DUMMY JOINT OR CONST. JOINT.



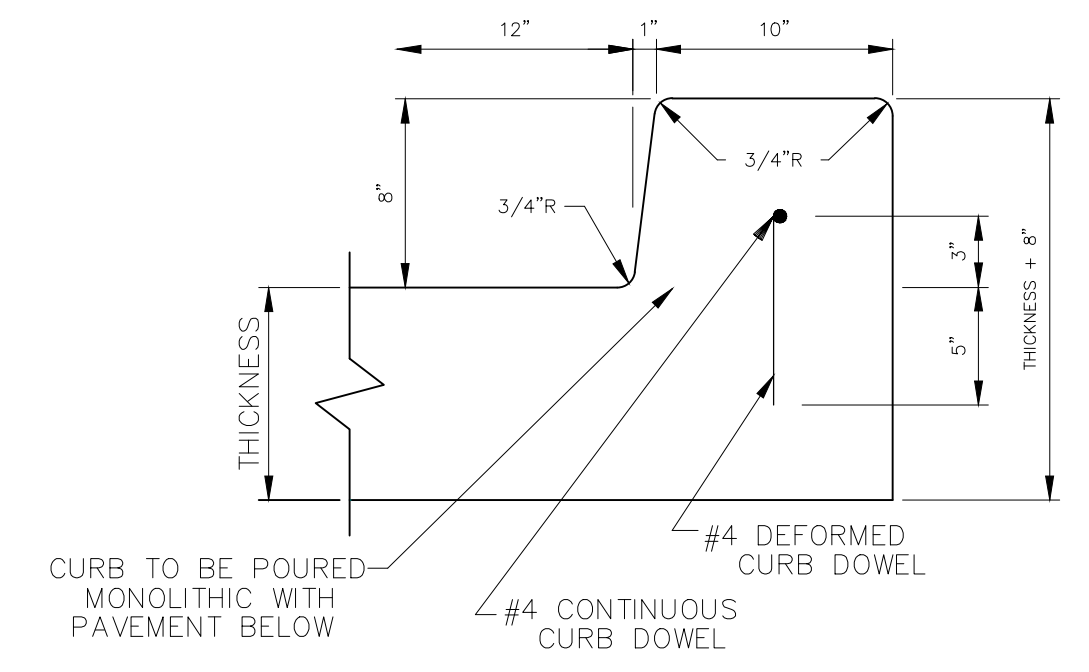
MODIFIED CURB DOWELS
(USED ON MODIFIED BARRIER CURB)
N.T.S.



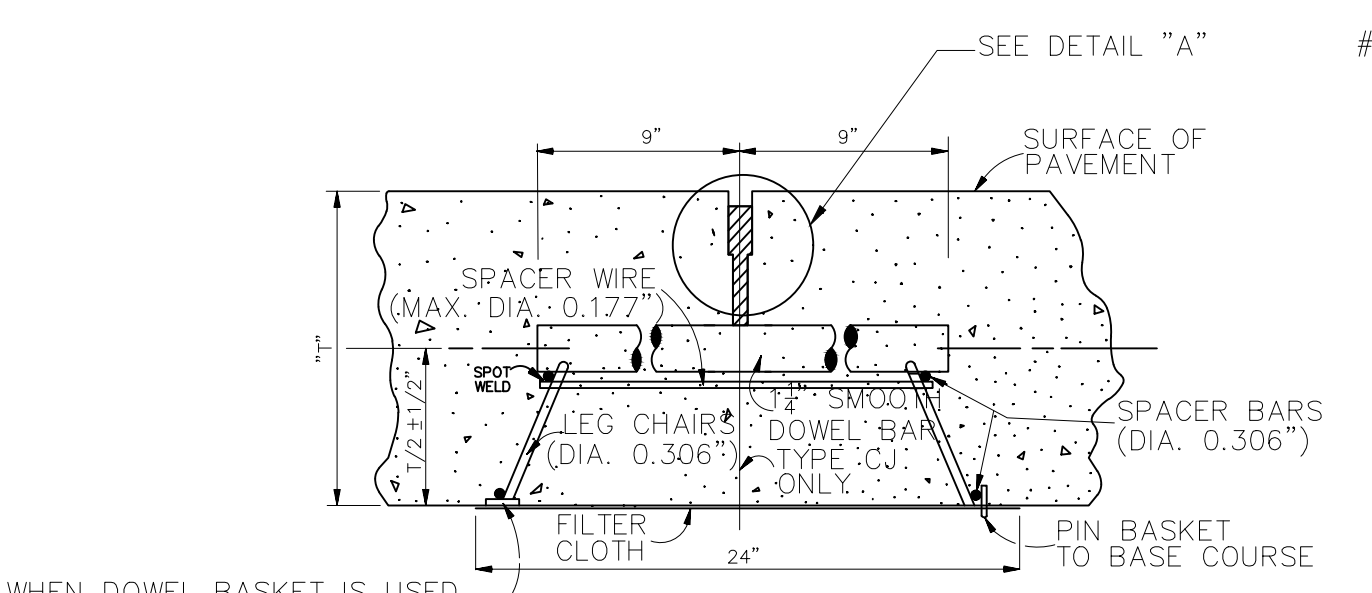
MODIFIED BARRIER CURB AND GUTTER
N.T.S.



6" HIGH BARRIER TYPE
CONCRETE CURB & GUTTER
(ASPHALT PAVEMENT ROADWAY)
N.T.S.

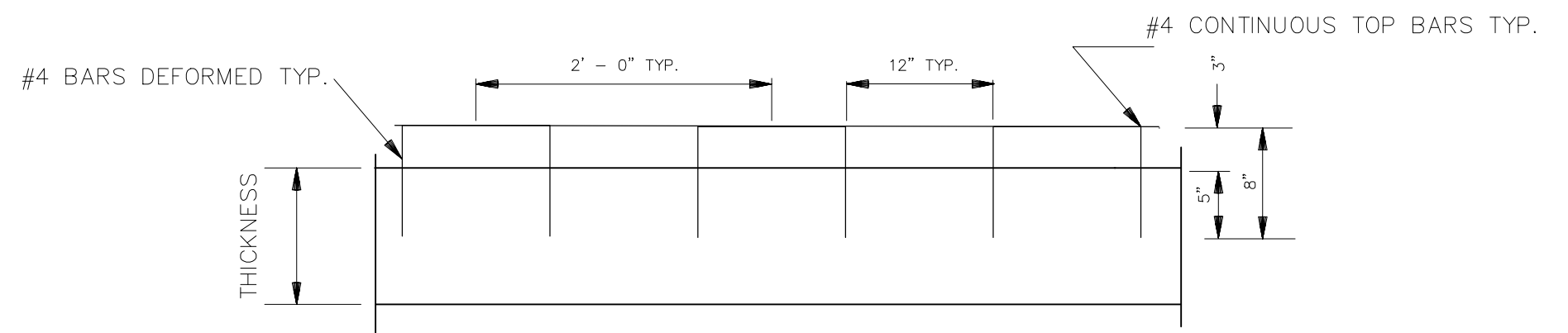


HEAVY DUTY BARRIER TYPE
CONCRETE CURB
N.T.S.

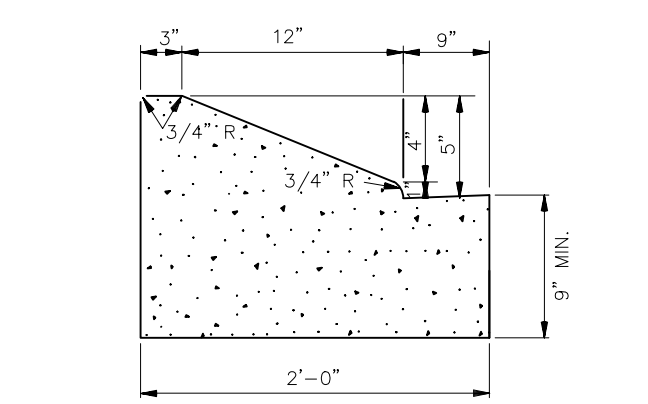


TYPE DJ OR CJ
(TRANSVERSE DUMMY JOINT OR CONSTRUCTION JOINT)
(SECTION "B-B")
N.T.S.

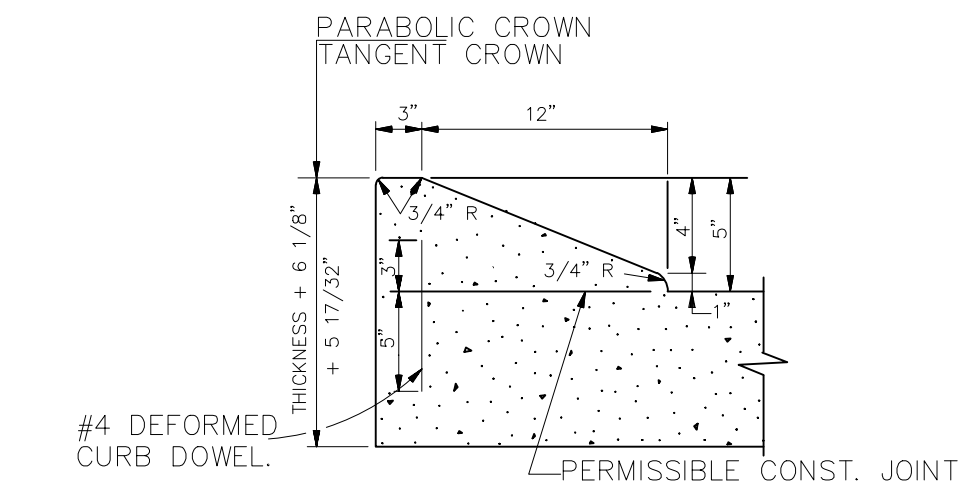
WHEN DOWEL BASKET IS USED ON SAND BASE SUPPORT WITH 9 SQ. IN. (MIN.) SAND PLATE.



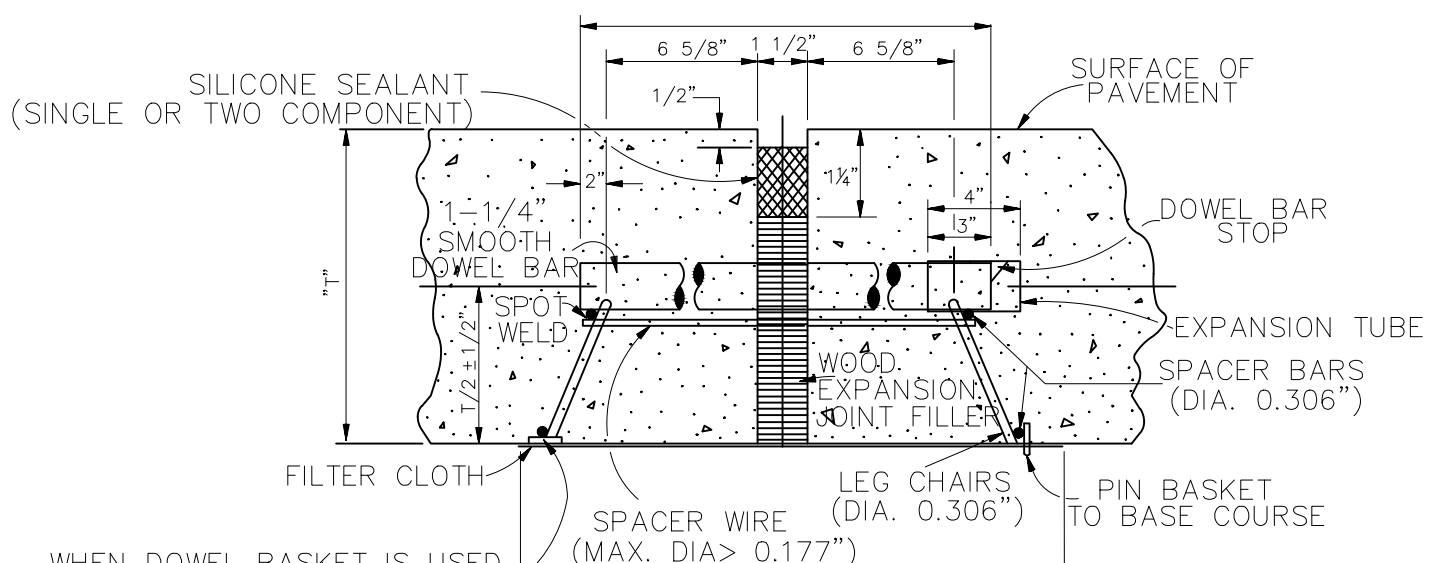
CURB DOWELS
N.T.S.



5" HIGH ROLLOVER TYPE
CONCRETE CURB & GUTTER
(ASPHALT PAVEMENT ROADWAY)
N.T.S.

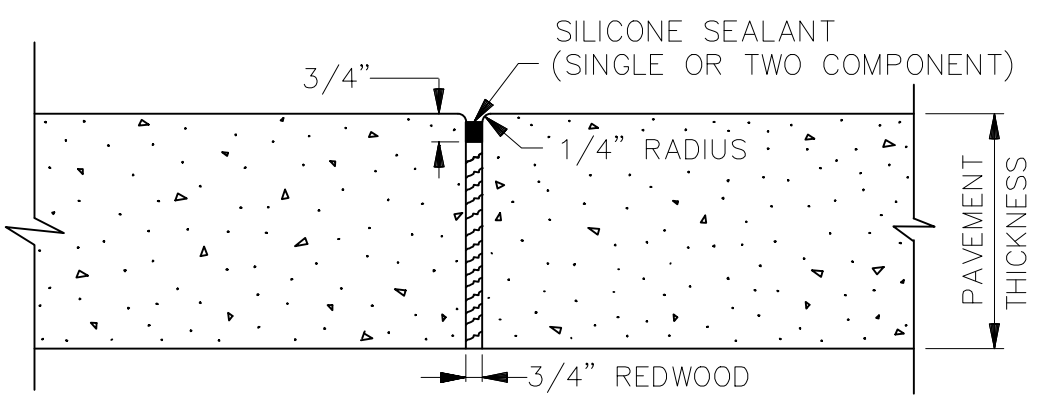


5" HIGH ROLLOVER TYPE
CONCRETE CURB
(CONCRETE PAVEMENT ROADWAY)
N.T.S.

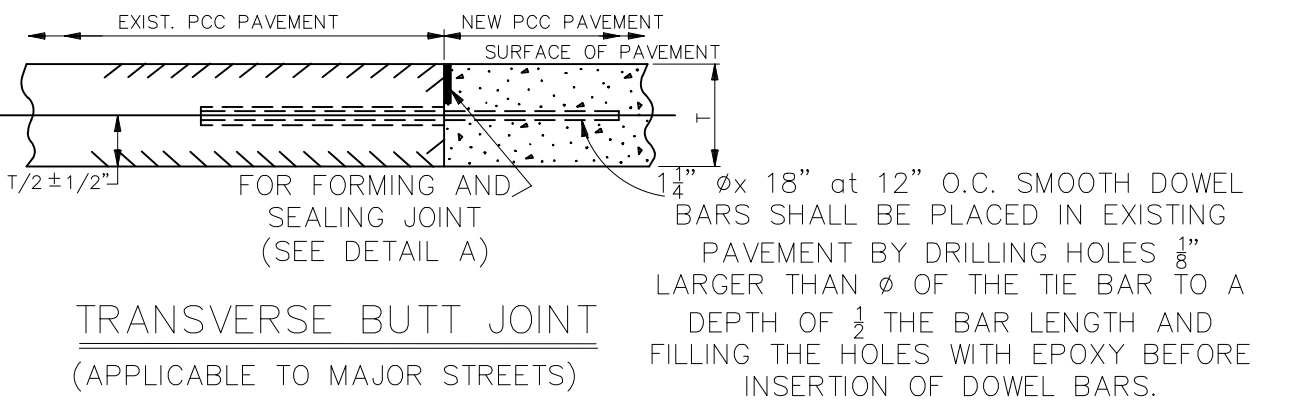


TYPE EJ
(TRANSVERSE EXPANSION JOINT)
(SECTION "A-A")
N.T.S.

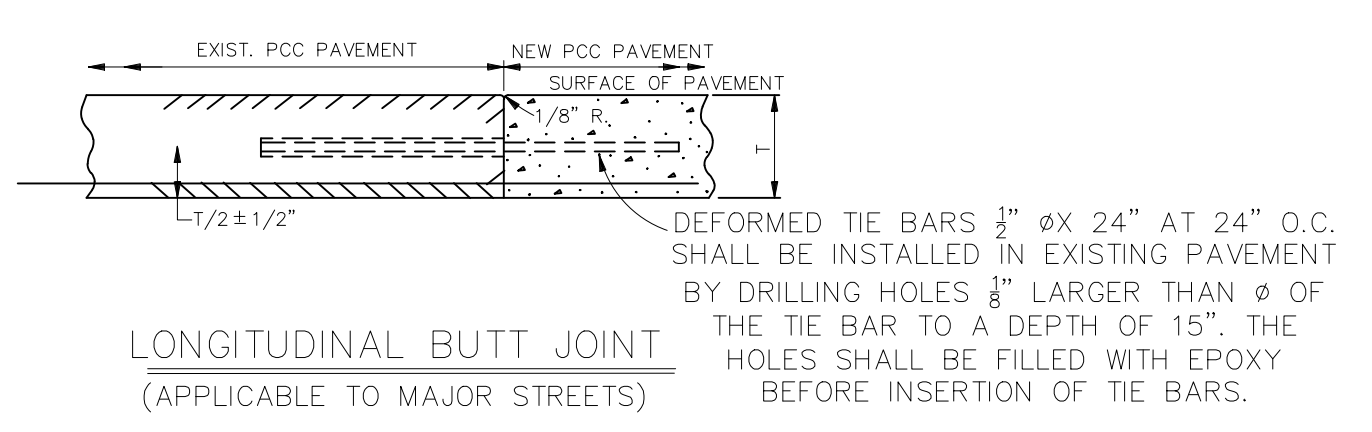
WHEN DOWEL BASKET IS USED ON SAND BASE SUPPORT WITH 9 SQ. IN. (MIN.) SAND PLATE.



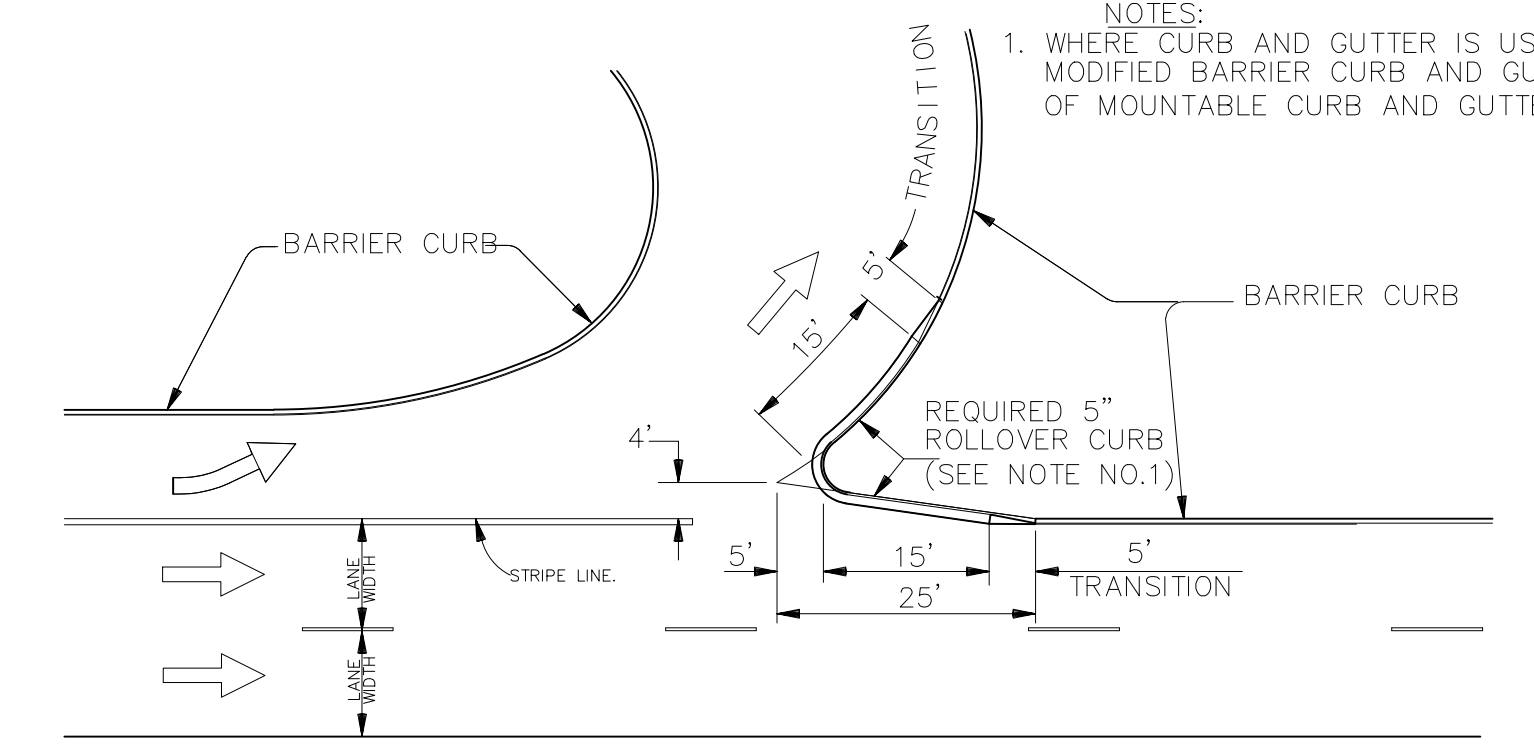
EXPANSION JOINT
(FOR CONCRETE SIDEWALK & RAMP FOR HANDICAPPED)
N.T.S.



TRANSVERSE BUTT JOINT
(APPLICABLE TO MAJOR STREETS)
N.T.S.



LONGITUDINAL BUTT JOINT
(APPLICABLE TO MAJOR STREETS)
N.T.S.



ROLLOVER CURB
IN THE GORE AREA
(U-TURN, LEFT TURN LANE OR ROADWAY SPLIT)
N.T.S.

NOTES:
1. WHERE CURB AND GUTTER IS USED, CONSTRUCT MODIFIED BARRIER CURB AND GUTTER INSTEAD OF MOUNTABLE CURB AND GUTTER.

PROJECT NAME :

PROJECT NUMBER:

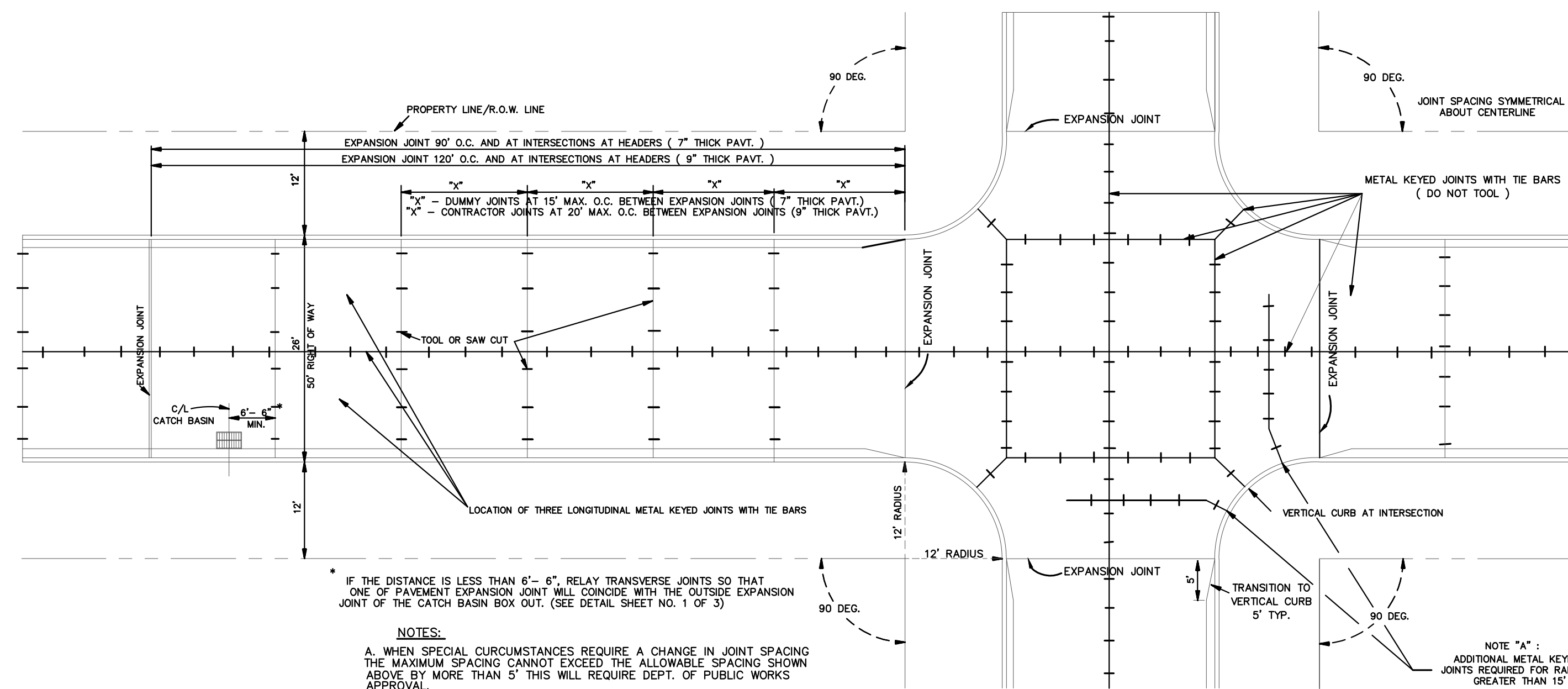


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ST. BERNARD PARISH GOVERNMENT	
STANDARD DETAIL PLANS	
ROADWAY DETAILS (1 OF 2)	

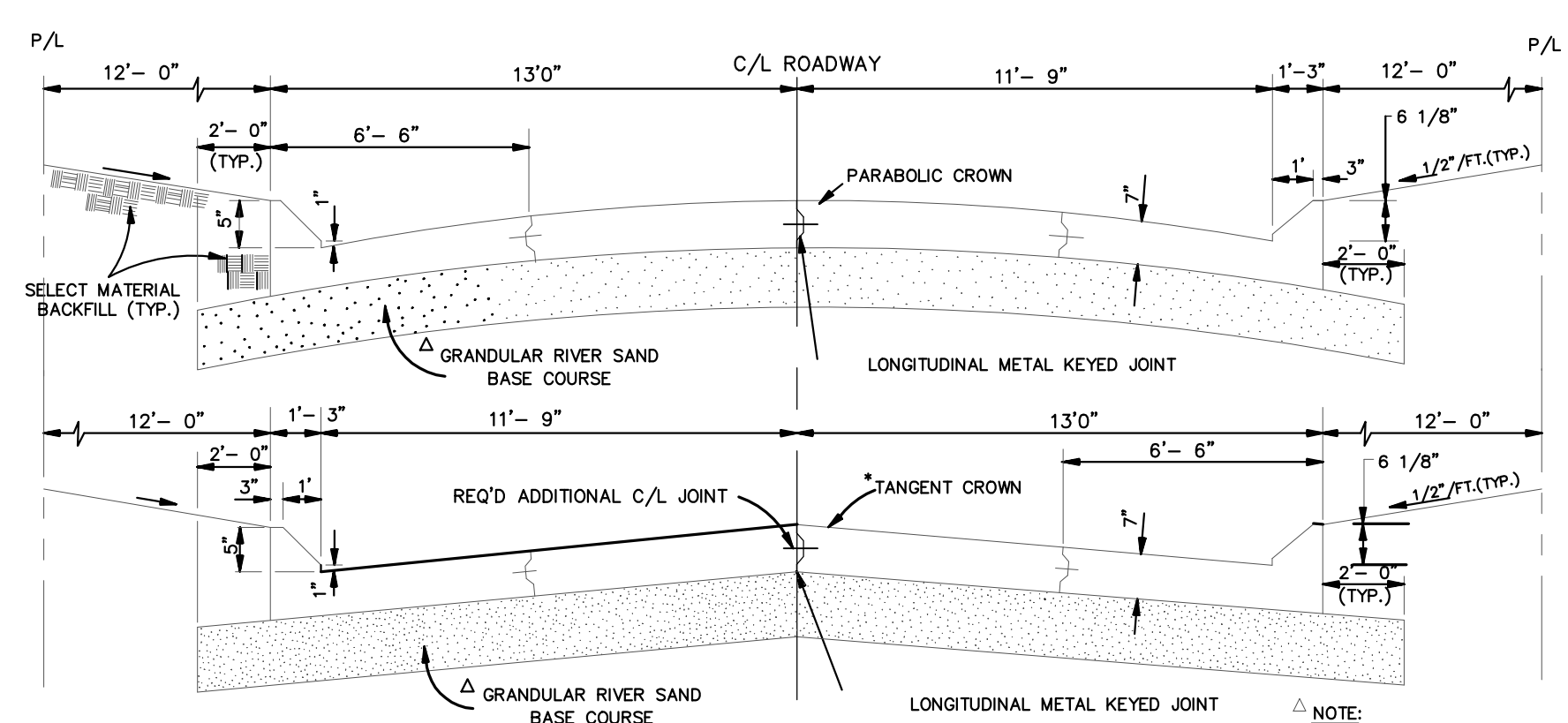
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DATE	_____
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DRAWING NUMBER	SD - 2
SHEET	2 OF 16

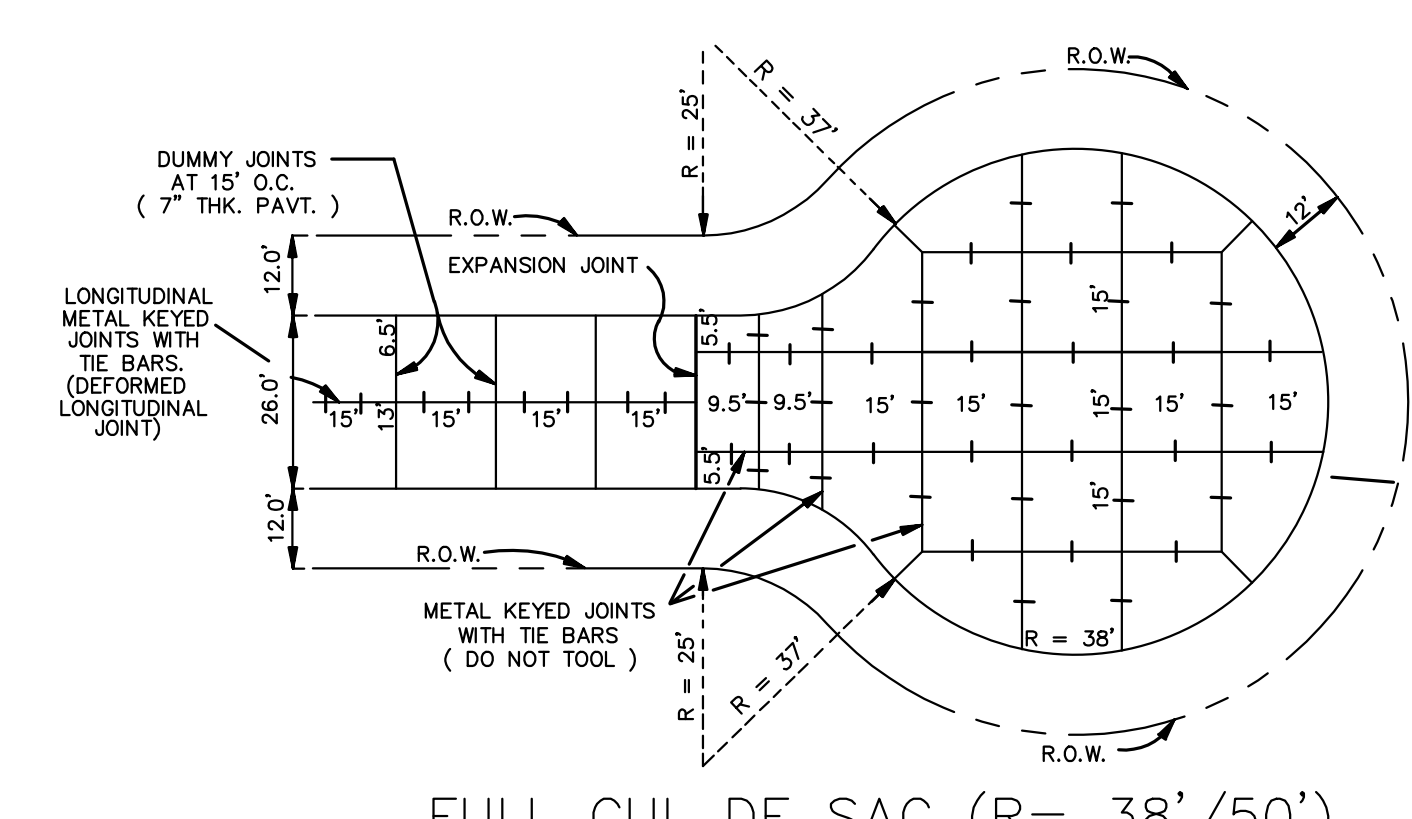


NOTES:
 A. WHEN SPECIAL CIRCUMSTANCES REQUIRE A CHANGE IN JOINT SPACING THE MAXIMUM SPACING CANNOT EXCEED THE ALLOWABLE SPACING SHOWN ABOVE BY MORE THAN 5' THIS WILL REQUIRE DEPT. OF PUBLIC WORKS APPROVAL.
 B. IN ADDITION TO LONGITUDINAL METAL KEYS JOINTS SHOWN, PLACEMENT OF LONGITUDINAL METAL KEYS WITH TIE BARS MAY BE REQUIRED AT CENTERLINE OF STREET IN AREAS WHERE DEPT. OF PUBLIC WORKS CONSIDERS SOIL CONDITIONS TO BE POOR.

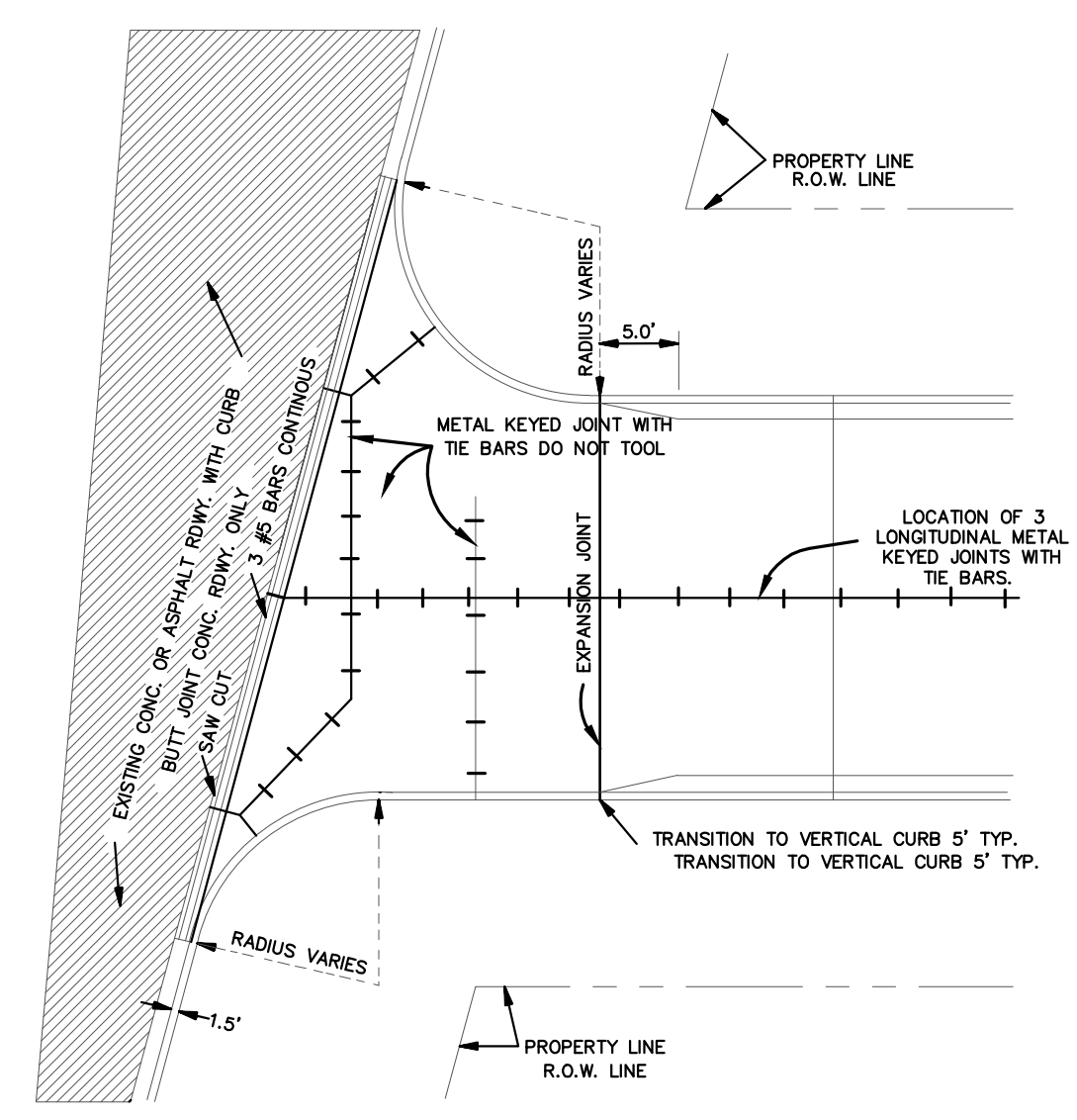
TYPICAL JOINT SPACING AND INTERSECTION DETAILS FOR 90 DEG. INTERSECTIONS (SHOWN FOR 26' STREET IN 50' R/W) N.T.S.



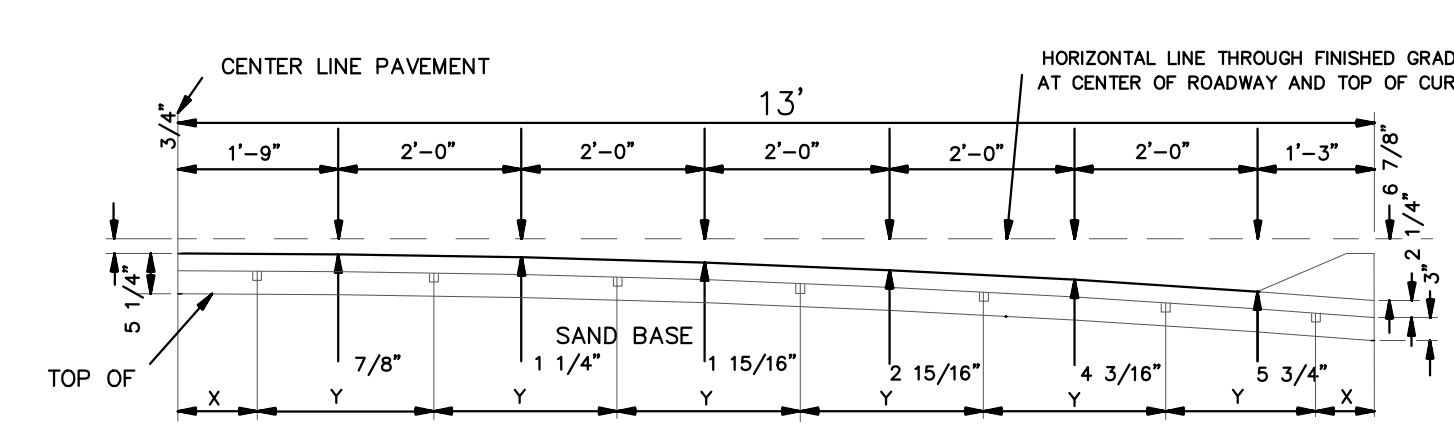
TYPICAL SECTION OF 26' ROADWAY (WITH WRITTEN PERMISSION OF THE DEPT. OF ENGINEERING ONLY) N.T.S.



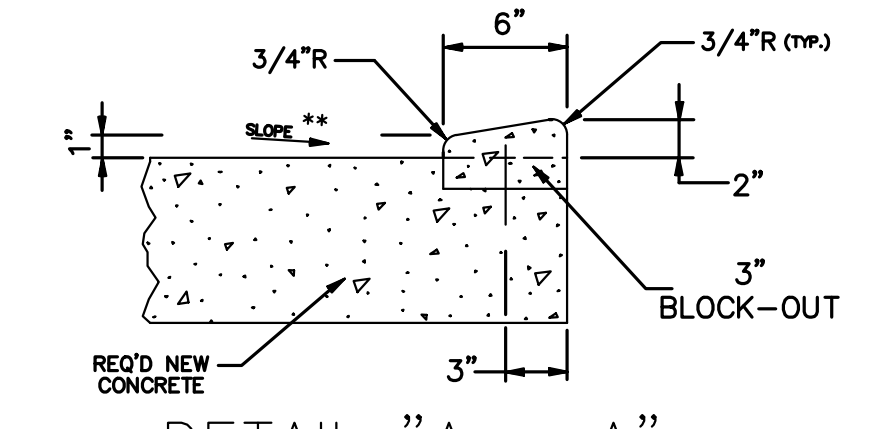
FULL CUL DE SAC (R= 38'50') (JOINT DETAIL) REQUIRED IN DEAD-END STREETS BETWEEN 150' TO 300', MEASURED ALONG CENTERLINE FROM INTERSECTION OF PROJECTED EDGE OF ROAD OF NEAREST INTERSECTING STREET TO END OF R.O.W. N.T.S.



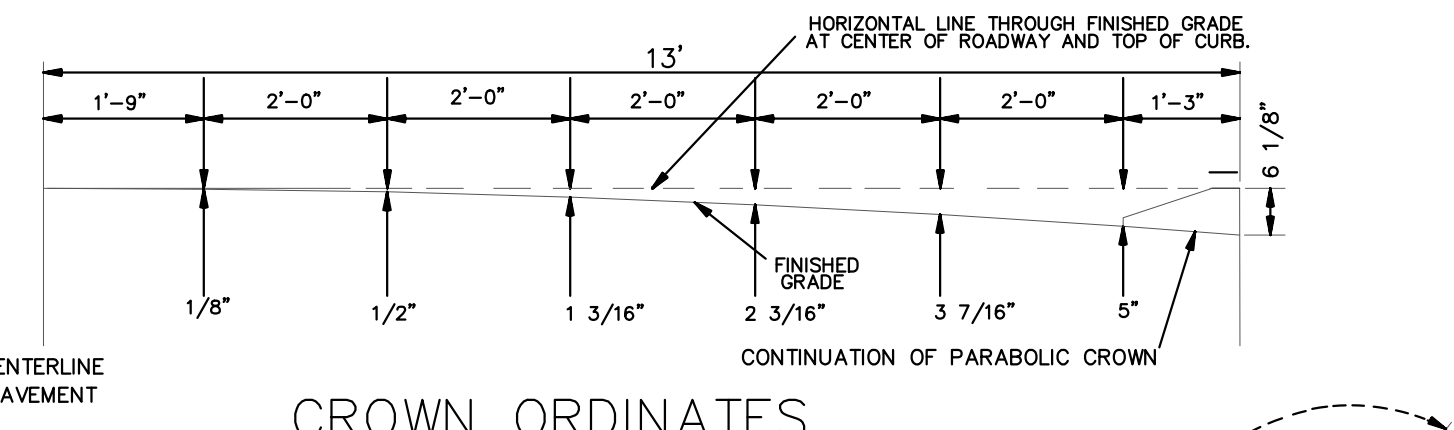
TYPICAL INTERSECTION (EXISTING STREET WITH CURB) N.T.S.



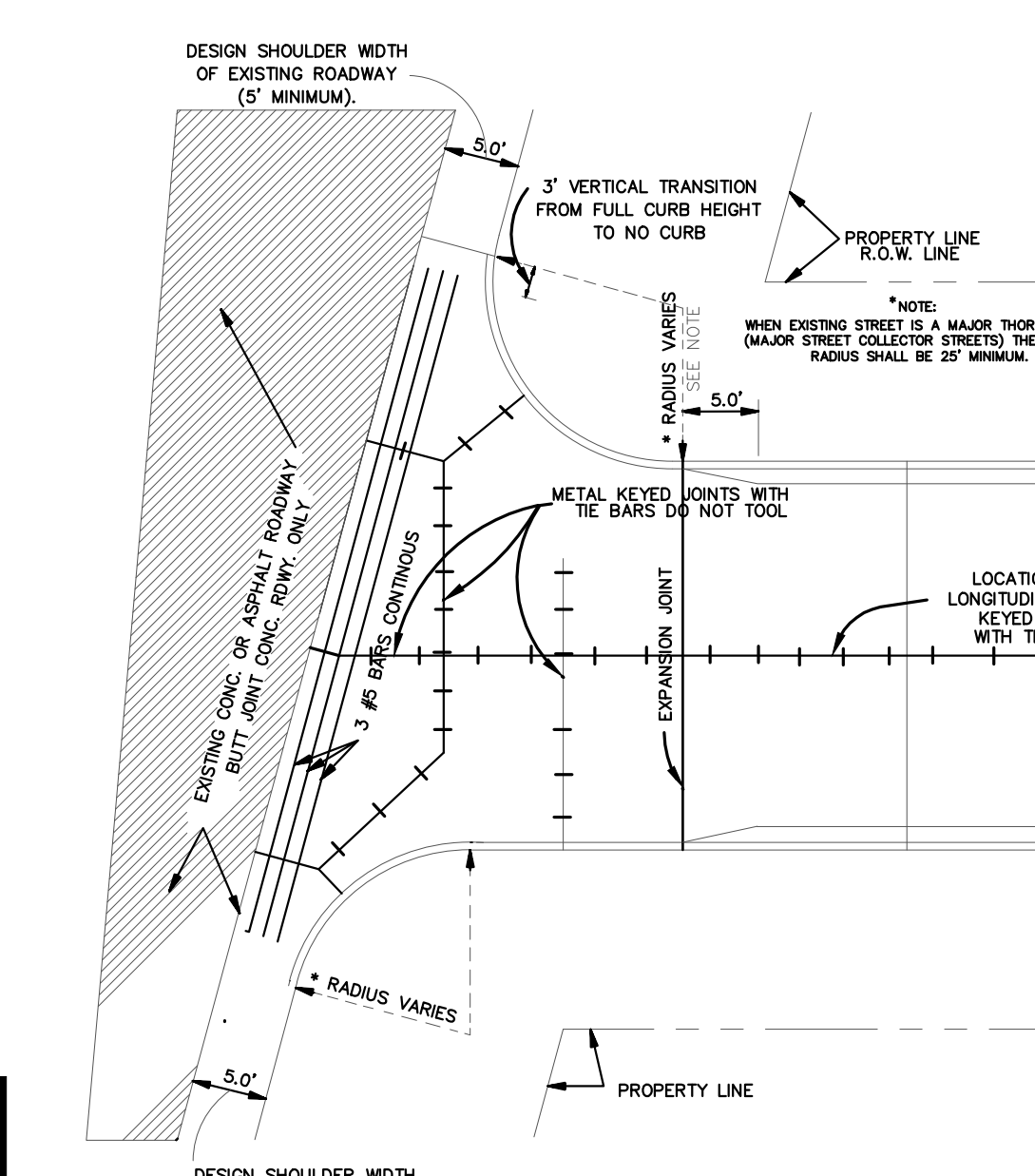
ELEVATION OF EXPANSION JOINT SHOWING ORDINATES AND SPACING OF STARLUG UNITS. FOR 26' PARABOLIC CROWN N.T.S.



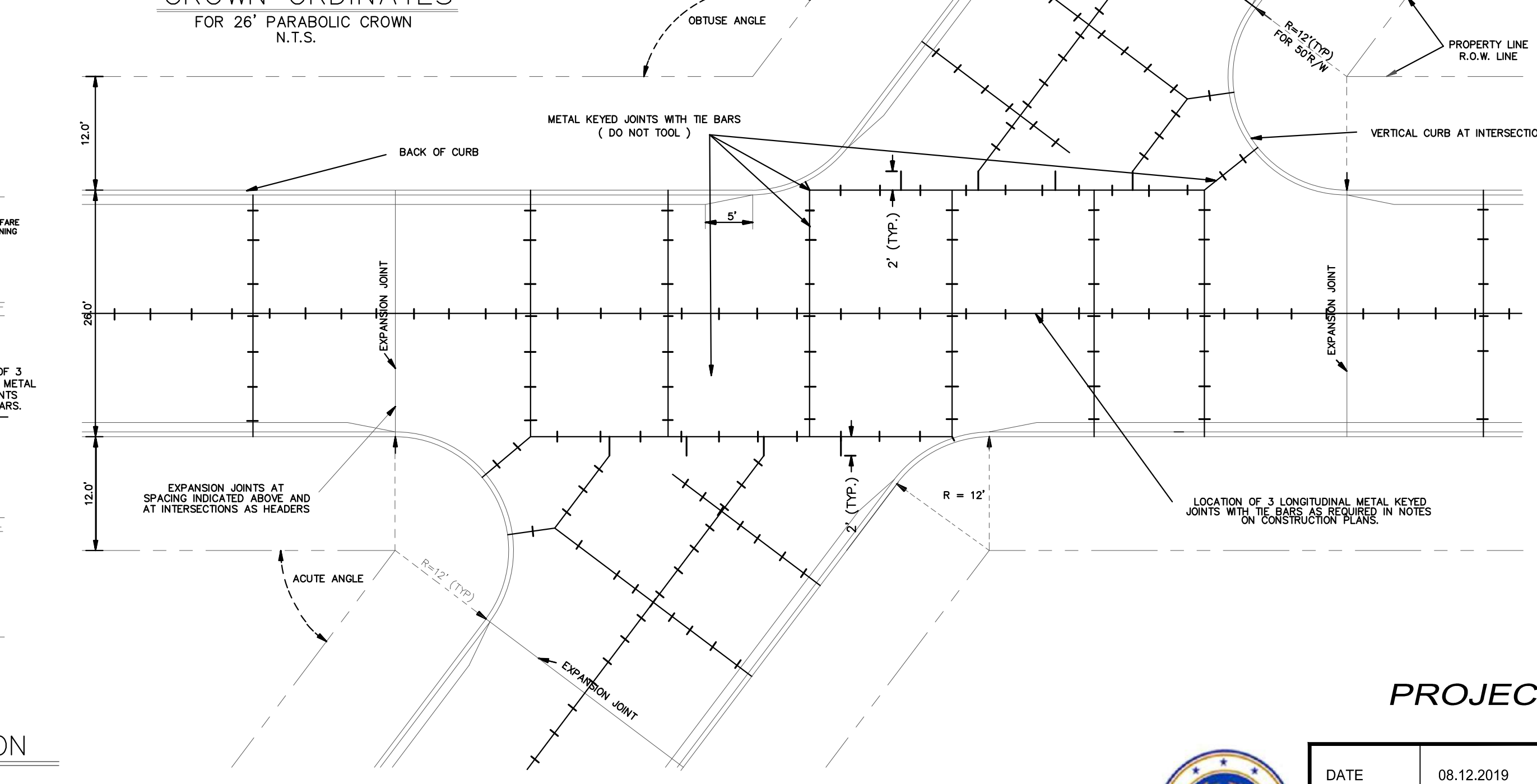
DETAIL "A - A" MODIFIED DEPRESSED BARRIER CURB (DRAINAGE TO CURB SHOWN) TO BE USED ON DRIVEWAYS & OTHER AREAS WHICH REQUIRE THE DEPRESSION OF A BARRIER CURB N.T.S.



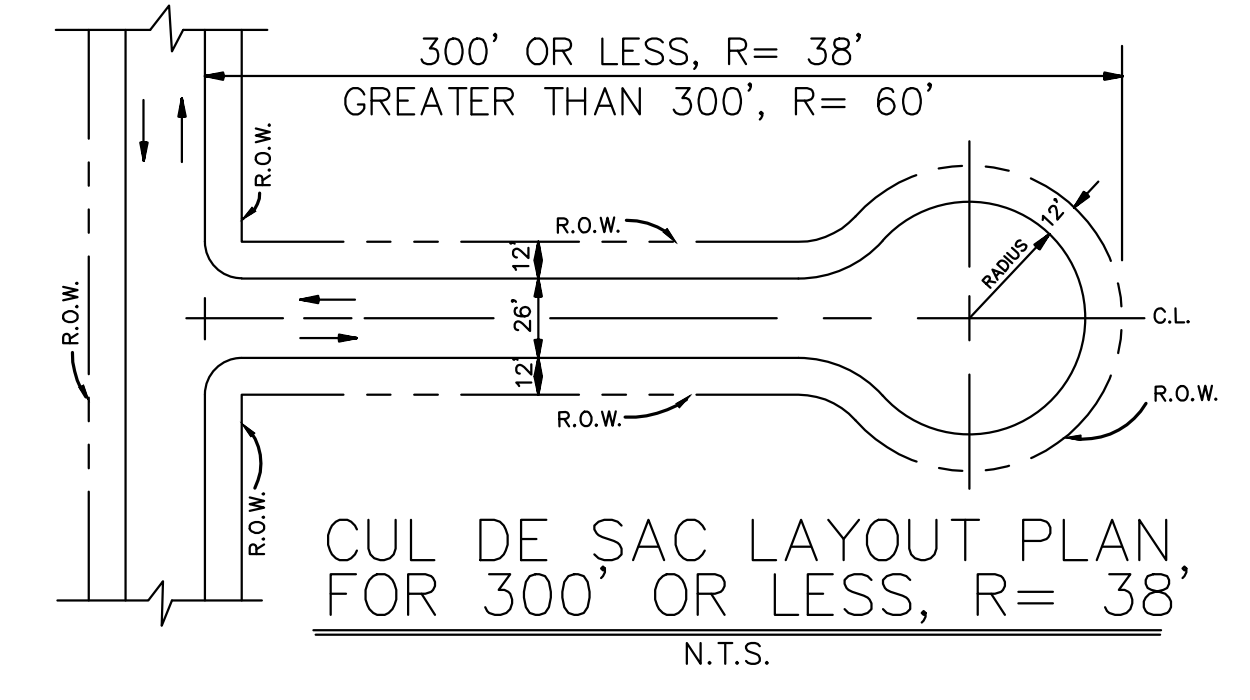
CROWN ORDINATES FOR 26' PARABOLIC CROWN N.T.S.



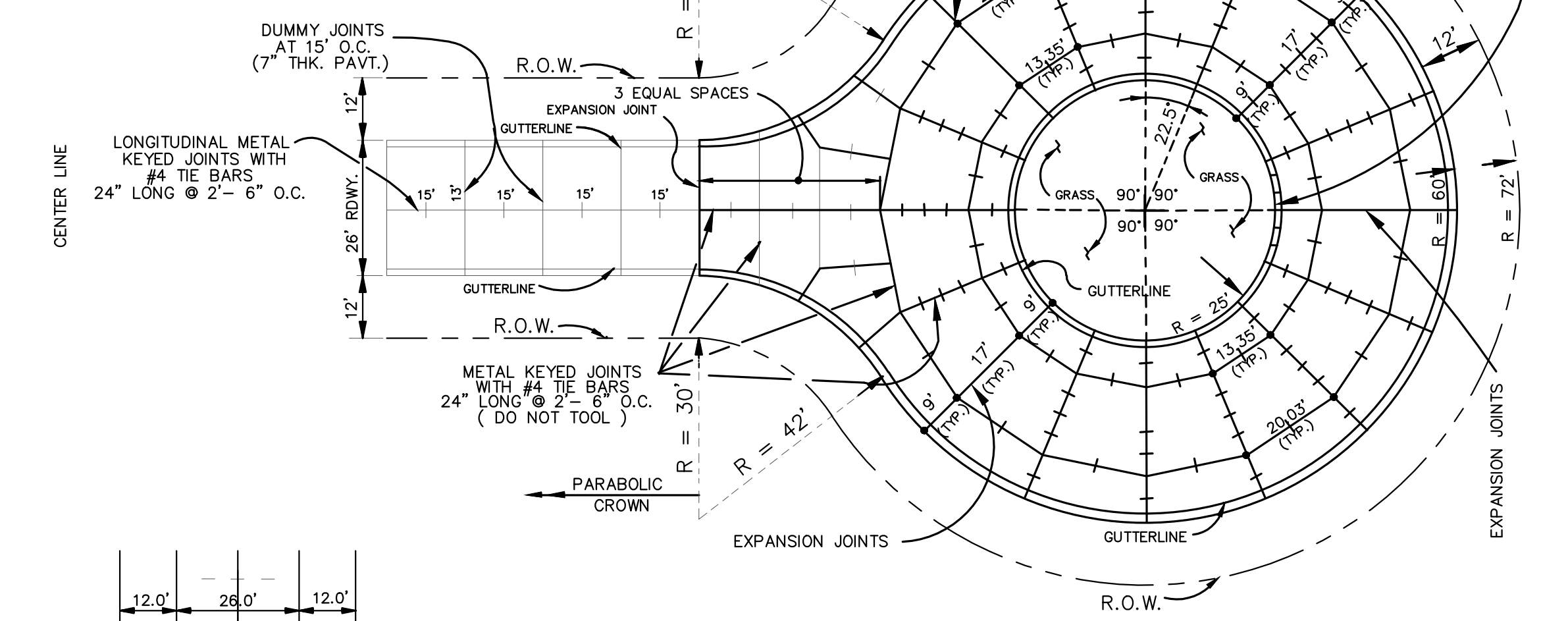
TYPICAL INTERSECTION



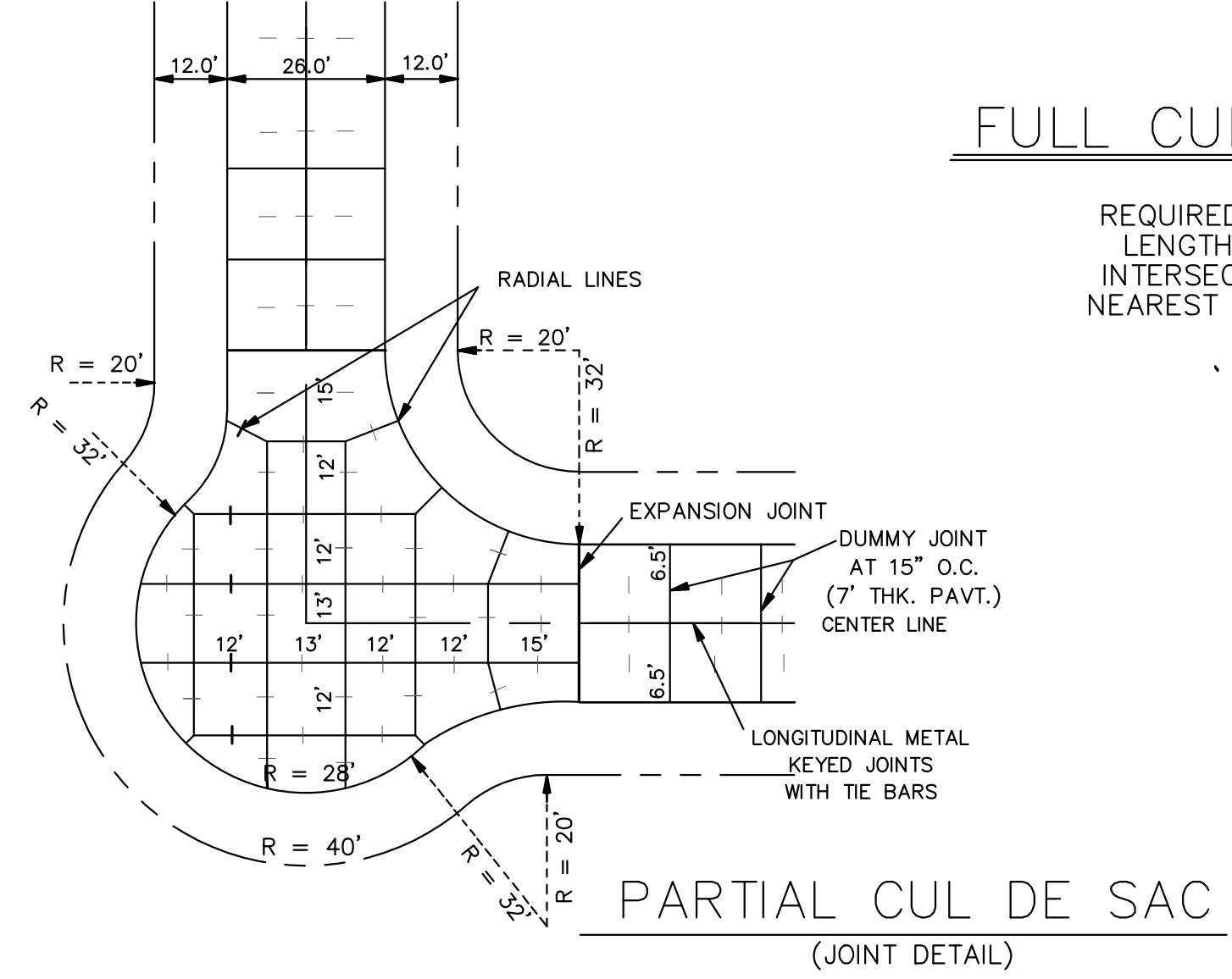
TYPICAL ANGLE INTERSECTION SHOWN FOR 26' STREET IN 50' R.O.W. N.T.S.



CUL DE SAC LAYOUT PLAN, FOR 300' OR LESS, R= 38' N.T.S.



FULL CUL DE SAC (R= 60'72') (JOINT DETAIL) REQUIRED ON DEAD-END STREETS OVER 300' IN LENGTH, MEASURED ALONG CENTERLINE FROM INTERSECTION OF PROJECTED EDGE OF ROAD OF NEAREST INTERSECTING STREET TO END OF R.O.W. SCALE: N.T.S.



PARTIAL CUL DE SAC (JOINT DETAIL)

PROJECT NAME :

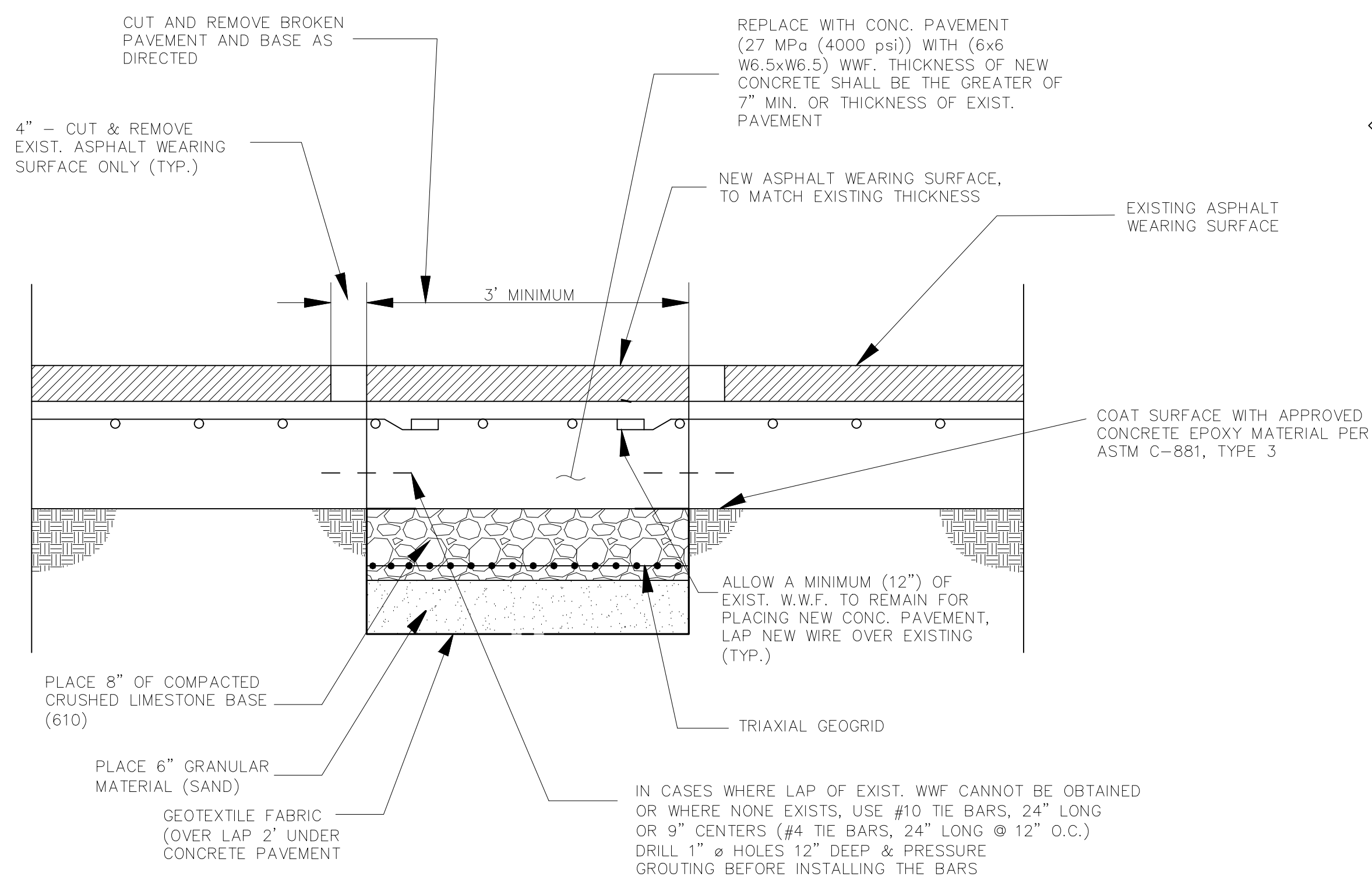
PROJECT NUMBER:



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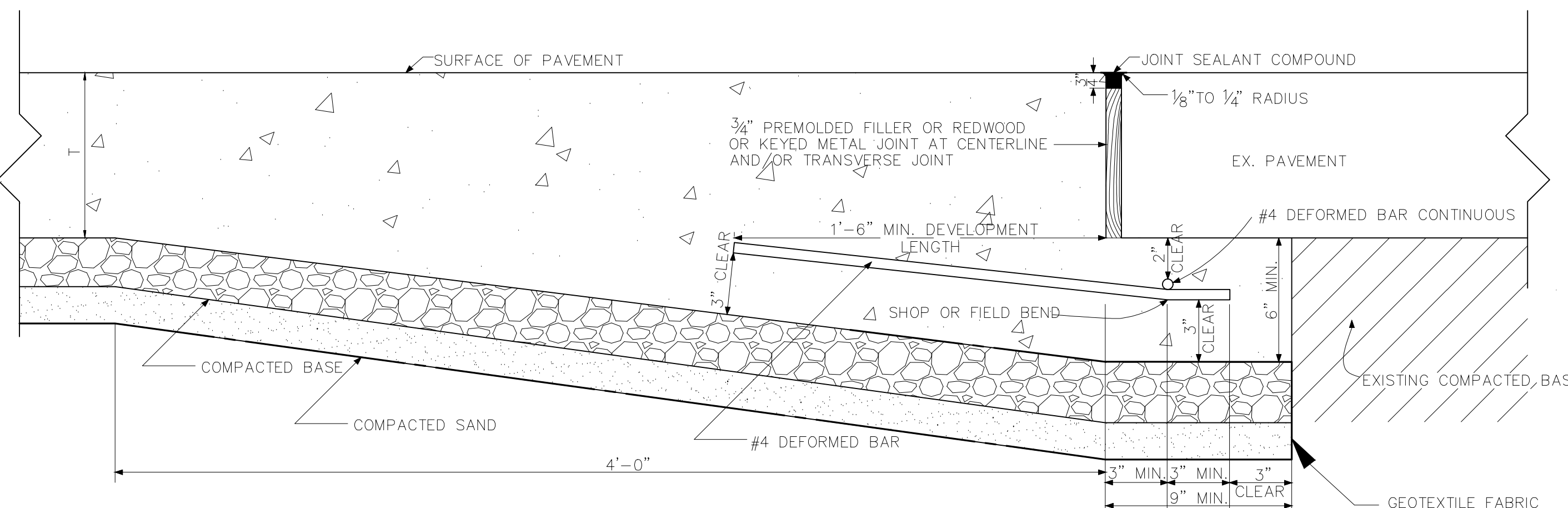
ST. BERNARD PARISH GOVERNMENT
 STANDARD DETAIL PLANS
 INTERSECTION DETAIL

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 SHEET 3 OF 16



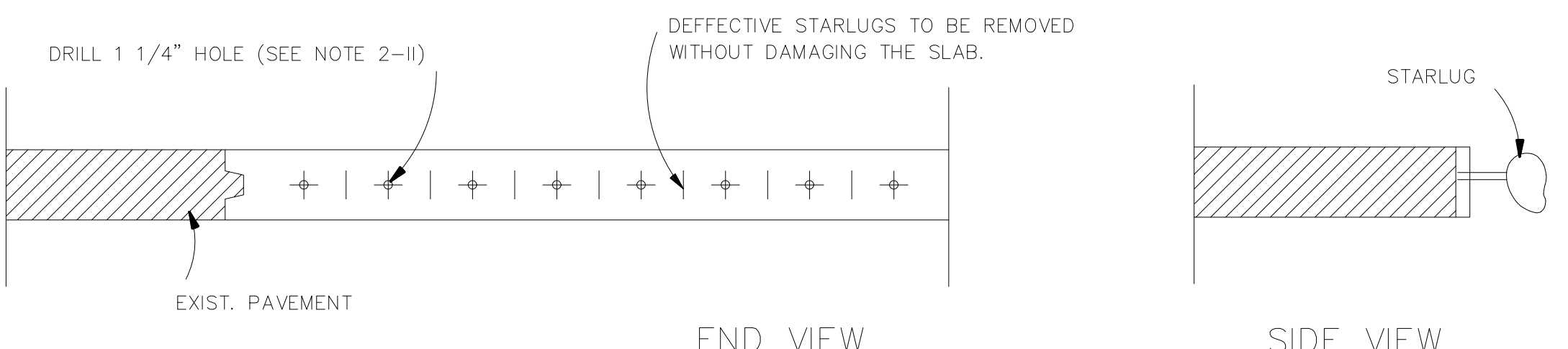
COMPOSITE PAVEMENT REPAIR

N.T.S.



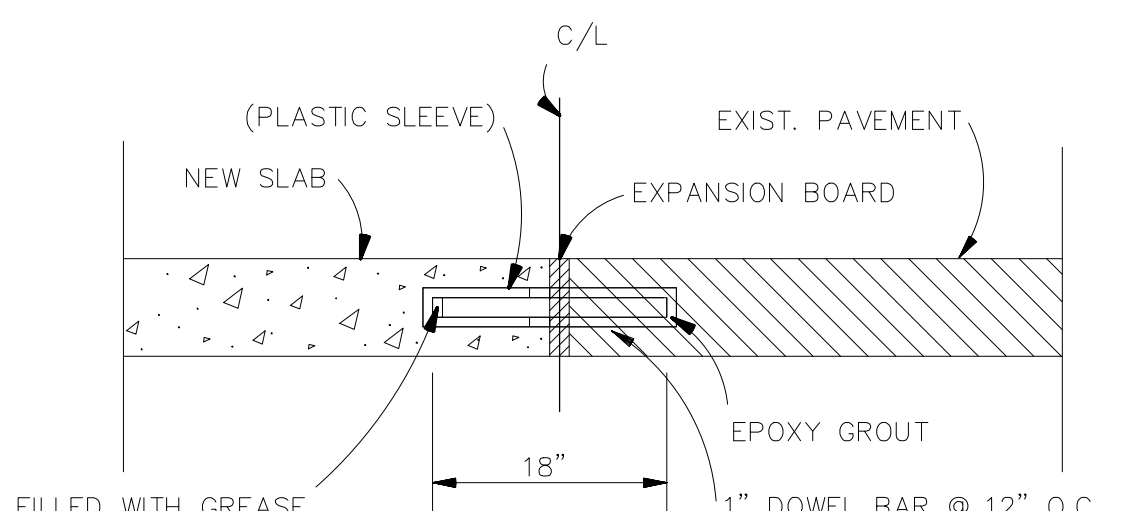
BUTT JOINT

NTS

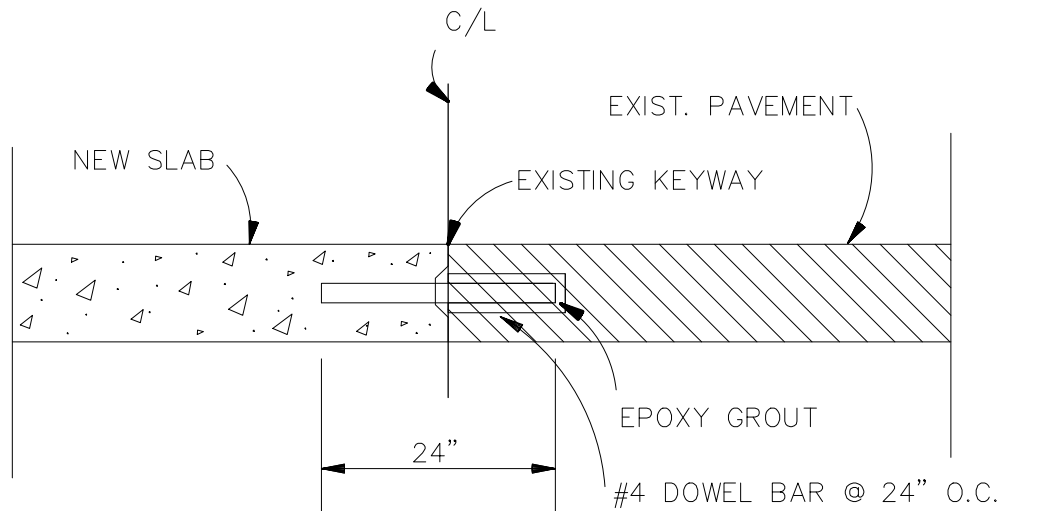


REPLACING JOINT WITH DAMAGED STARLUG SITUATION & DOWELING EXISTING TO PROPOSED CONCRETE

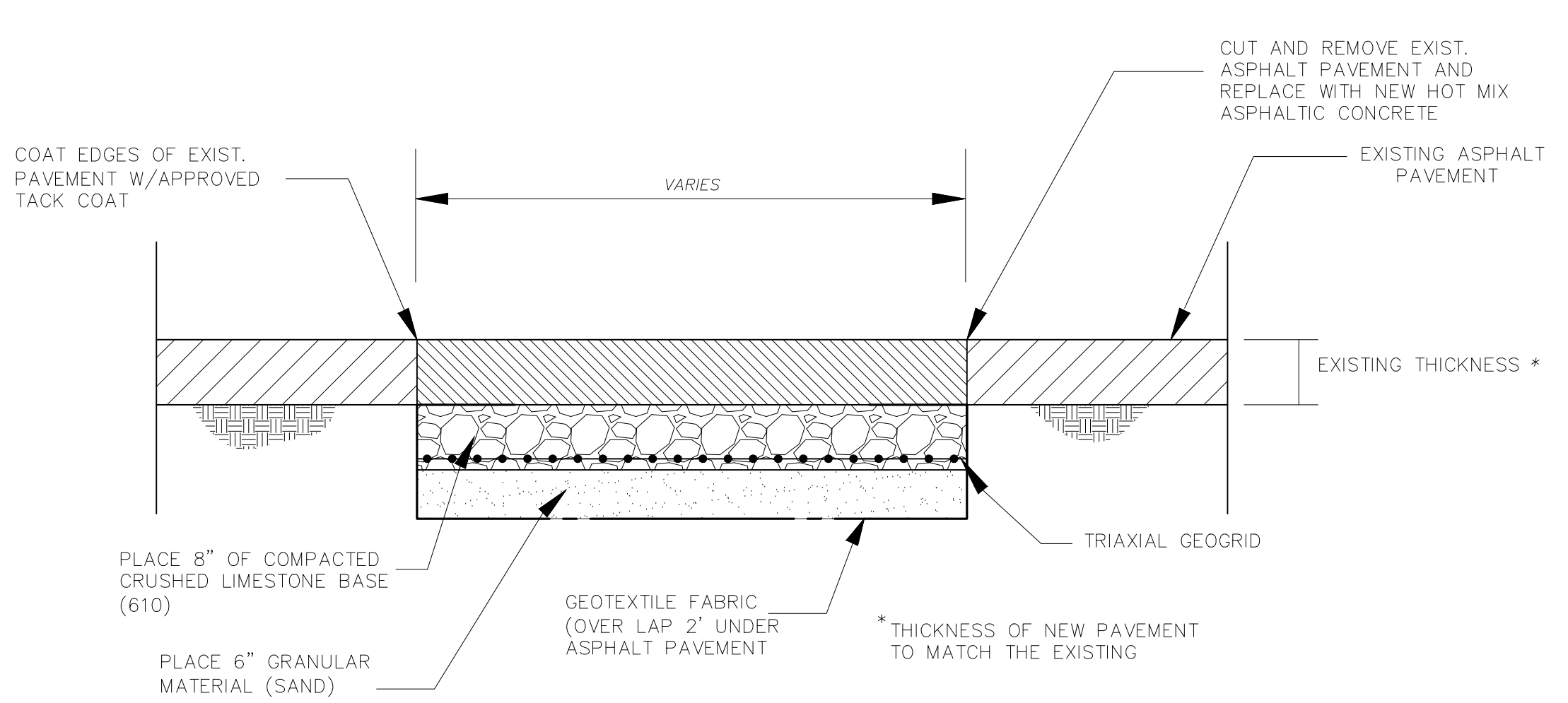
NTS



DOWEL BAR DETAIL FOR TRANSVERSE JOINTS

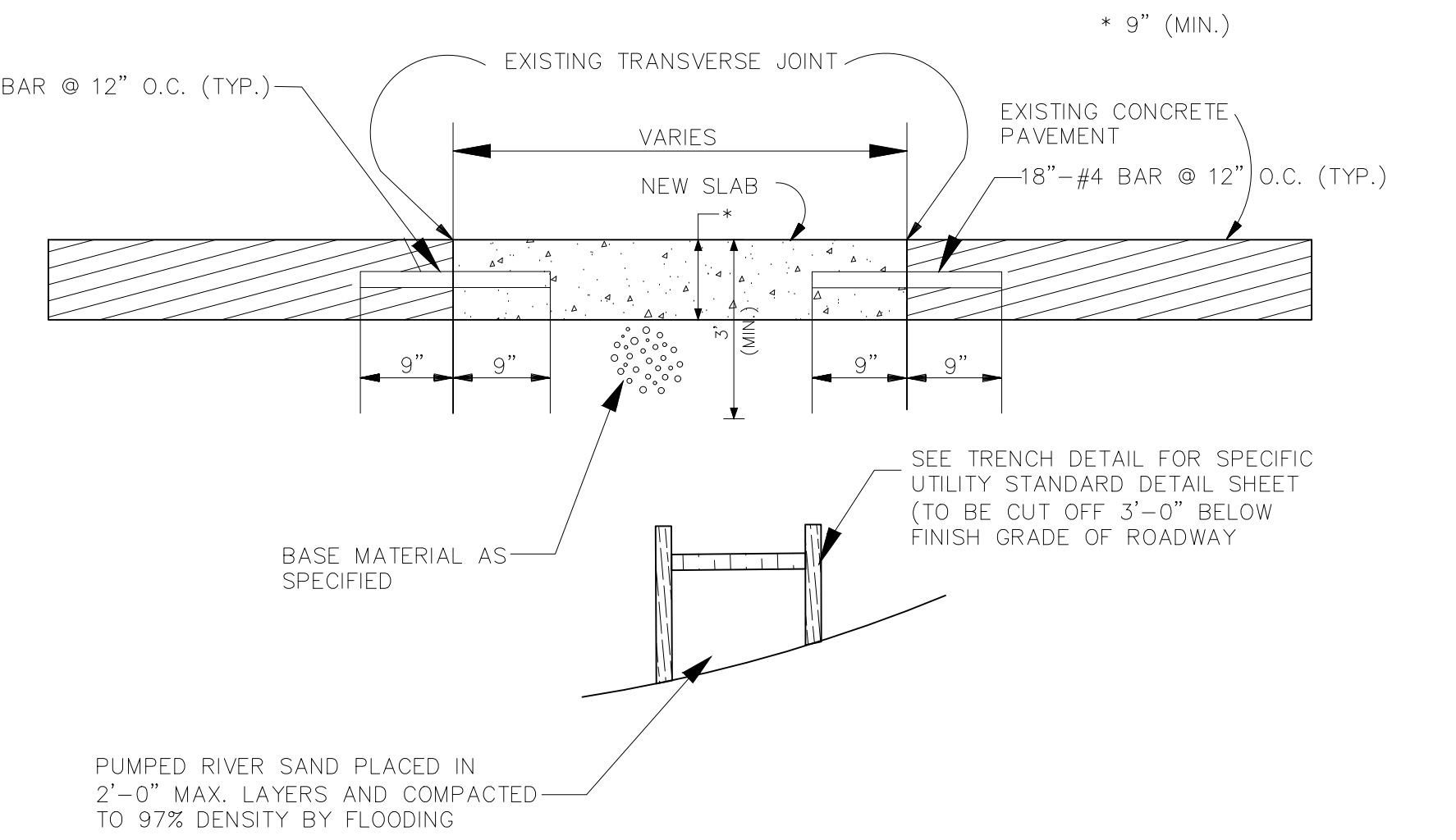


DOWEL BAR DETAIL FOR LONGITUDINAL JOINTS



ASPHALT PAVEMENT REPAIR

N.T.S.



CONCRETE PAVEMENT REPAIR

N.T.S.

- NOTES:
- NOTE: "T" = THICKNESS OF PAVEMENT
 - 8" CLASS II BASE COURSE & 6" EMBANKMENT TO BE INSTALLED ONLY IF EX. BASE IS DEEMED UNSUITABLE BY PROJECT ENGINEER.
 - BUTT JOINT ONLY APPLICABLE WHERE EXISTING CONCRETE IS NOT SUITABLE FOR DOWELING. THE PLACEMENT OF THIS JOINT WILL BE DETERMINED BY PROJECT ENGINEER IN THE FIELD.
 - MINIMUM BAR LENGTH IS TO BE 24"
 - BARS ARE TO BE 12" O.C. AT TRANSVERSE JOINTS AND 24" O.C. AT LONGITUDINAL JOINTS.

- NOTE:
- IF TRENCH IS BETWEEN THE EDGE OF THE ROAD AND 1ST. QUARTER POINT, REMOVE SLABS TO THE QUARTER POINT AND REPLACE THE SECTION TO GRADE AND THICKNESS AS SPECIFIED, AND FORM BUTT JOINT.
 - IF TRENCH IS BETWEEN THE CURB AND CENTERLINE, PAST THE QUARTER POINT, SAW CUT THE PAVEMENT ALONG CENTERLINE, REMOVE HALF THE SLAB, REPLACE HALF SLAB WITH NEW CONCRETE TO SPECIFIED THICKNESS AND FORM A BUTT JOINT ALONG CENTERLINE. INSTALL QUARTER POINT IN THE NEW SLAB.
 - EXISTING SLOPE MAY BE PARABOLIC OR TANGENT. SLOPE OF THE NEW SLAB SHALL MATCH THE EXISTING SLAB.

- NOTES:
- THE ENGINEER WILL DECIDE, PER EXISTING FIELD CONDITIONS, WHETHER TO SALVAGE EXISTING STARLUGS OR REPLACE WITH DOWEL BARS.
 - INSTALLING DOWEL BARS AT BUTT JOINTS
 - REMOVE ALL OF THE STARLUGS FROM THE OLD EXISTING SECTION OF CONCRETE WITHOUT DAMAGING THE SLAB.
 - DRILL 1 1/4" HOLE 9" IN LENGTH BETWEEN STARLUG LOCATIONS IN THE EXISTING SLAB AT CENTER OF SLAB WHERE EXISTING CONCRETE IS > 5".
 - INSERT A 1" PLASTIC COATED SMOOTH DOWEL BAR, 18" LONG, 9" DEEP INTO THE DRILLED HOLE AND GROUT WITH APPROVED EPOXY GROUT.

- GREASE THE REMAINDER OF THE DOWEL BAR AND SLIP A 4" PLASTIC SLEEVE FILLED WITH GREASE OVER END OF BAR AS SHOWN IN DETAIL.
- POUR THE NEW SLAB WITH SMOOTH DOWEL BARS IN POSITION.
- DO NOT TOE CONCRETE UNDER EXPANSION BOARD OR UNDER EXISTING PAVEMENT.
- IF THE EXPANSION BOARD IS DAMAGED AND CANNOT BE SALVAGED, REMOVE THE BOARD AND REPLACE WITH AN APPROVED FLEXIBLE JOINT MATERIAL.
- IF EXISTING CONCRETE IS < 5" A BUTT JOINT WILL BE PLACED ALONG THE FULL LENGTH OF THE TRANSVERSE JOINT.

PROJECT NAME :

PROJECT NUMBER:

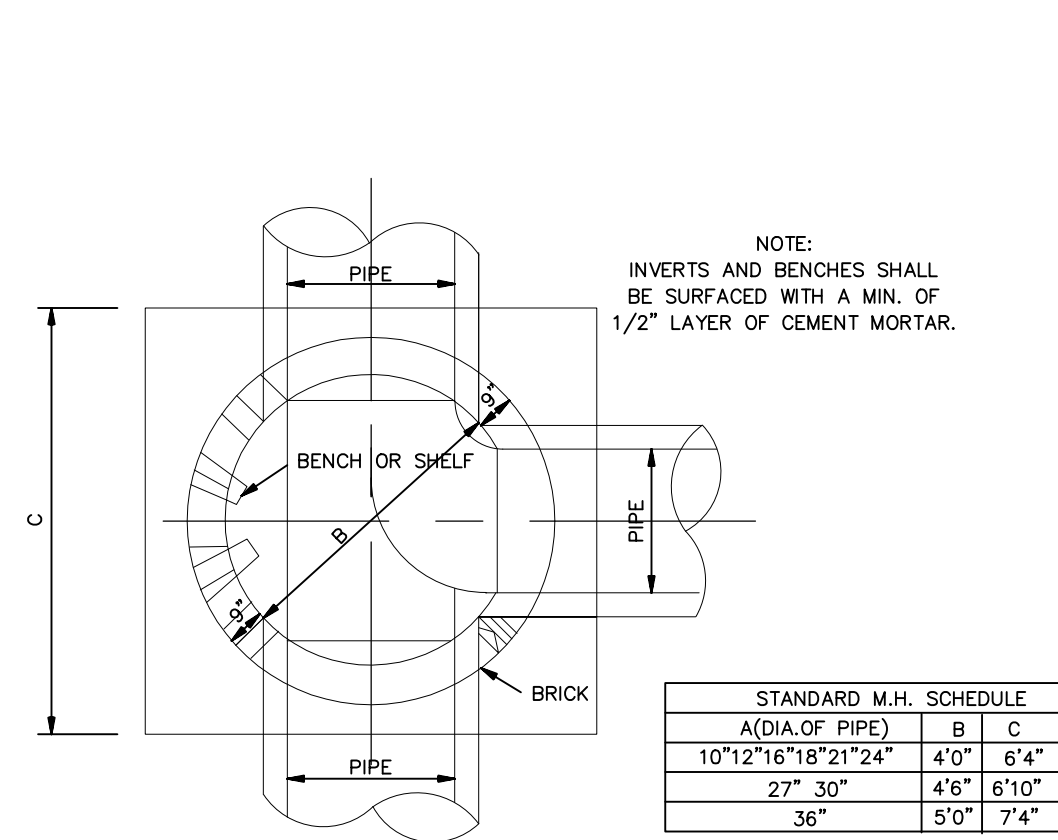


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ST. BERNARD PARISH GOVERNMENT
 STANDARD DETAIL PLANS
 ROADWAY RESTORATION
 AND PAVEMENT REPAIR DETAILS

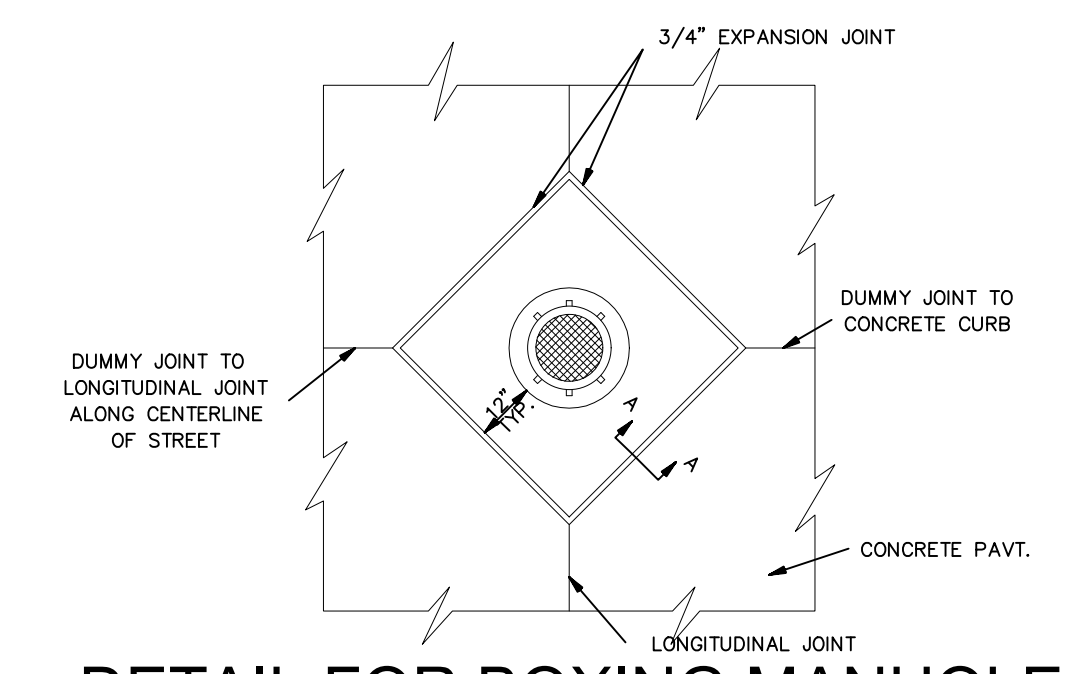
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SD - 4
 SHEET 4 of 16

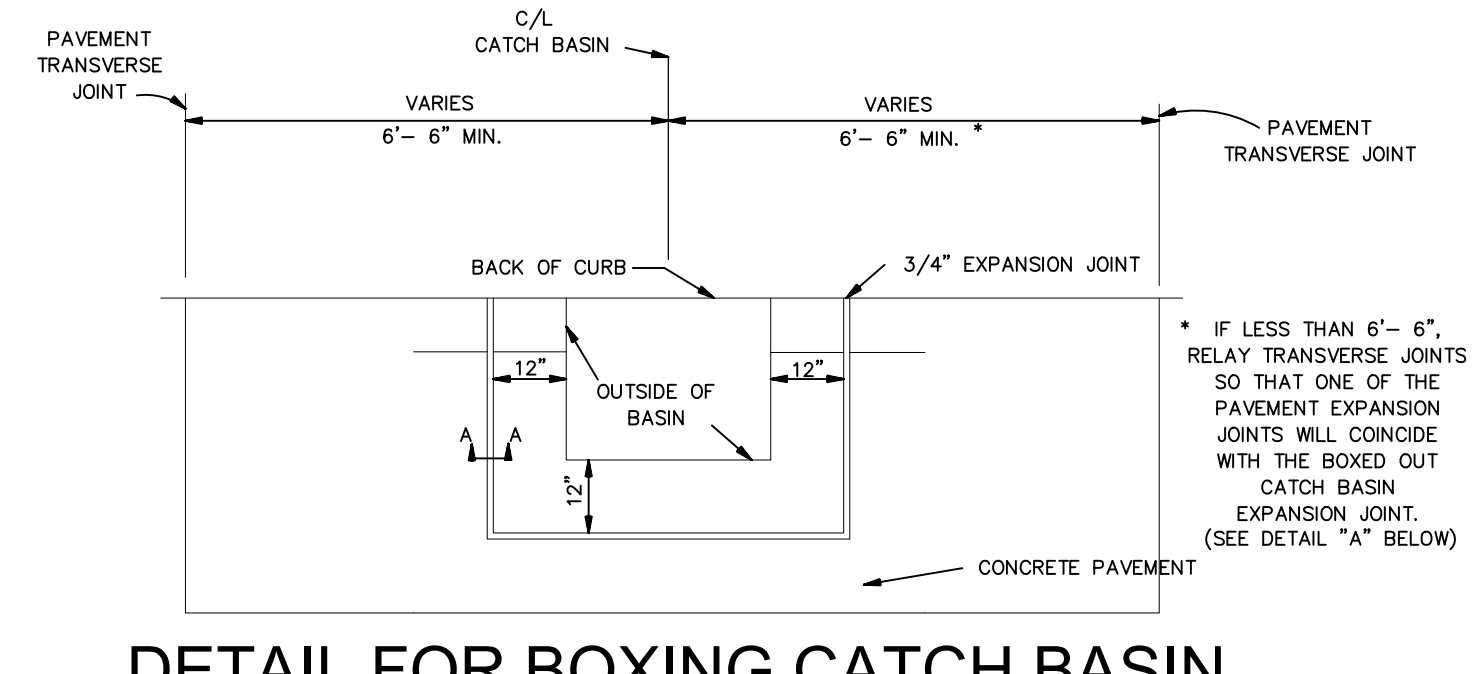


PLAN OF DRAINAGE MANHOLE

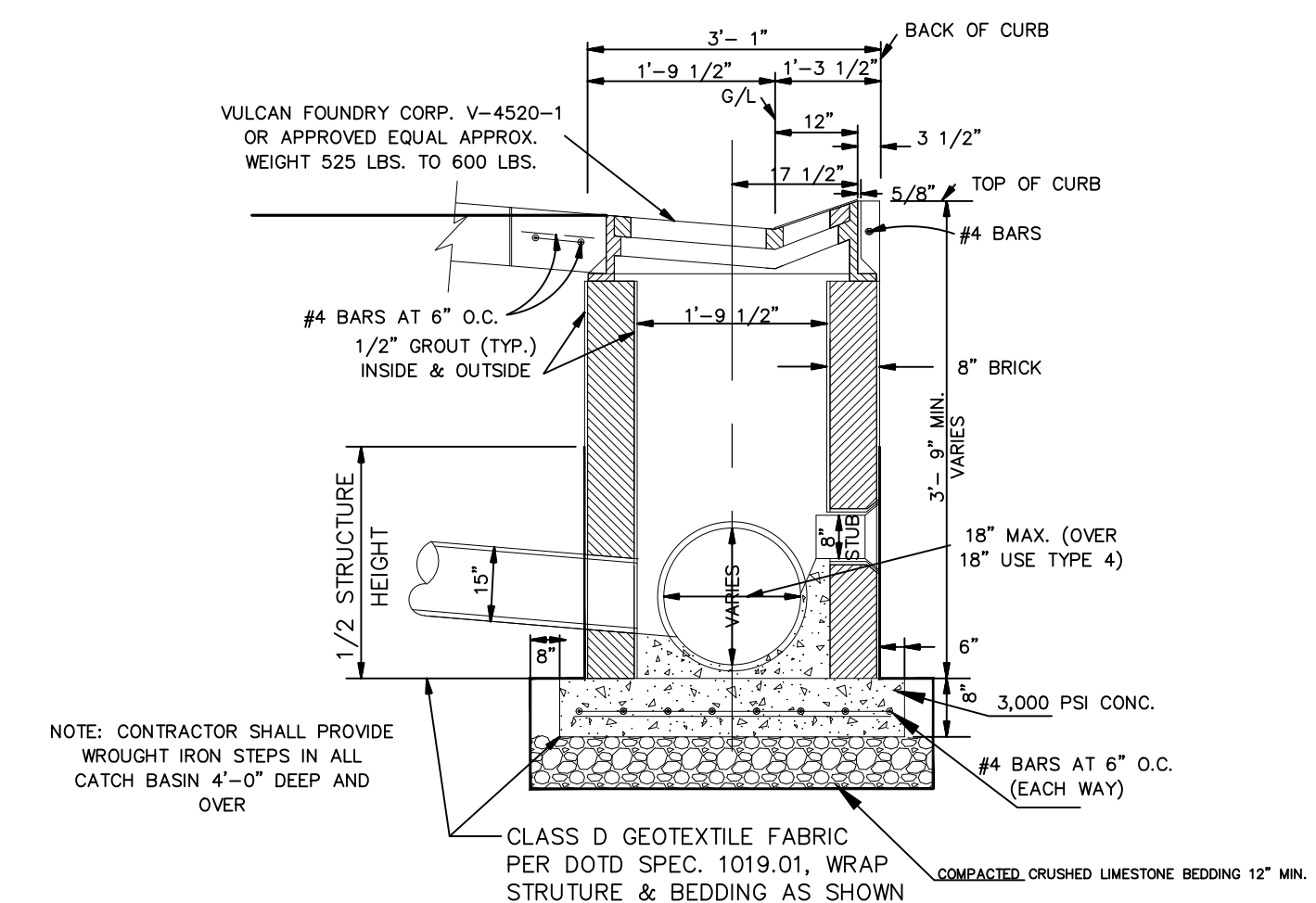
STANDARD M.H. SCHEDULE		
A (DIA OF PIPE)	B	C
10 1/2"	18"	24"
27"	30"	45"
36"	5'0"	7'4"



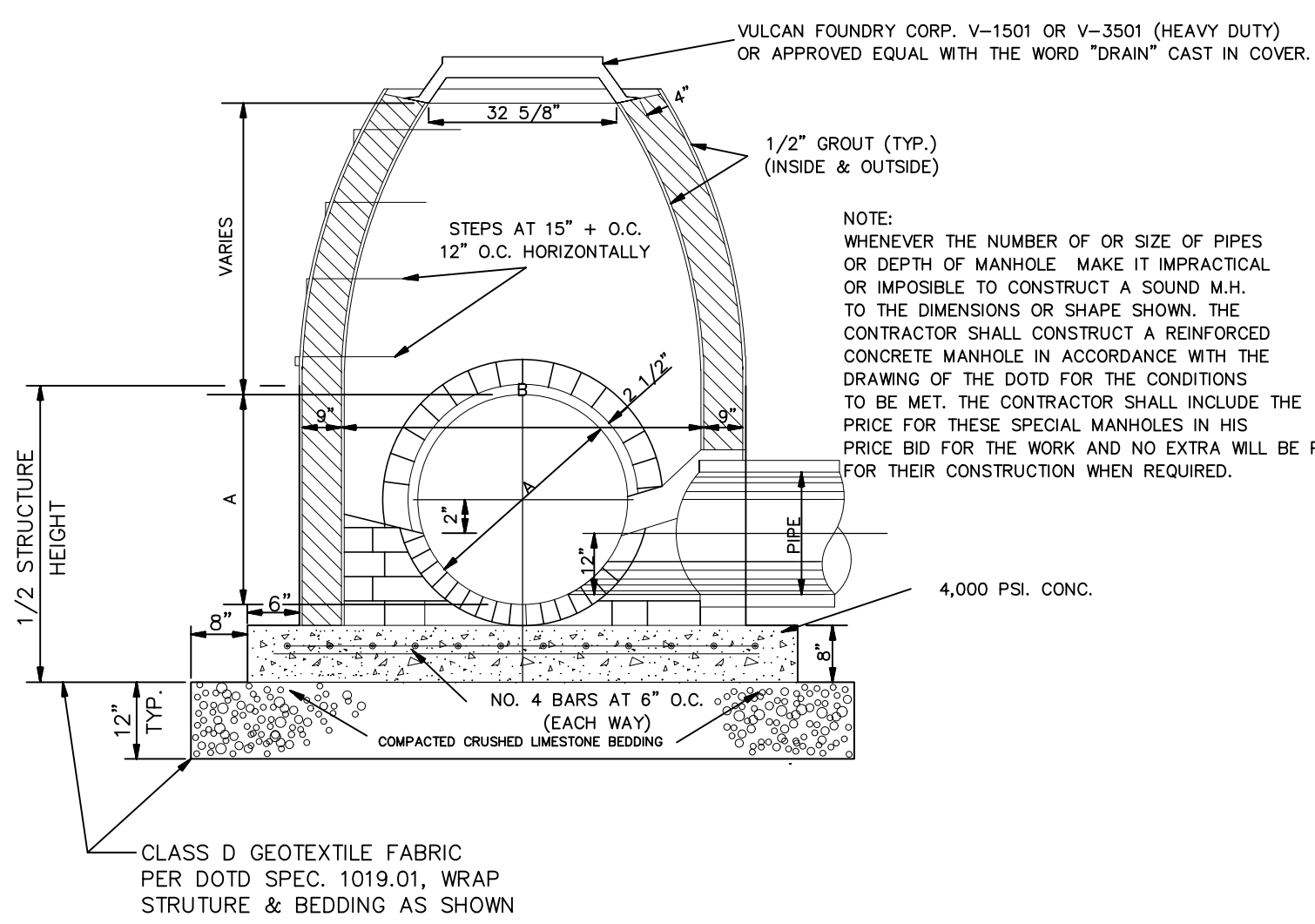
DETAIL FOR BOXING MANHOLE



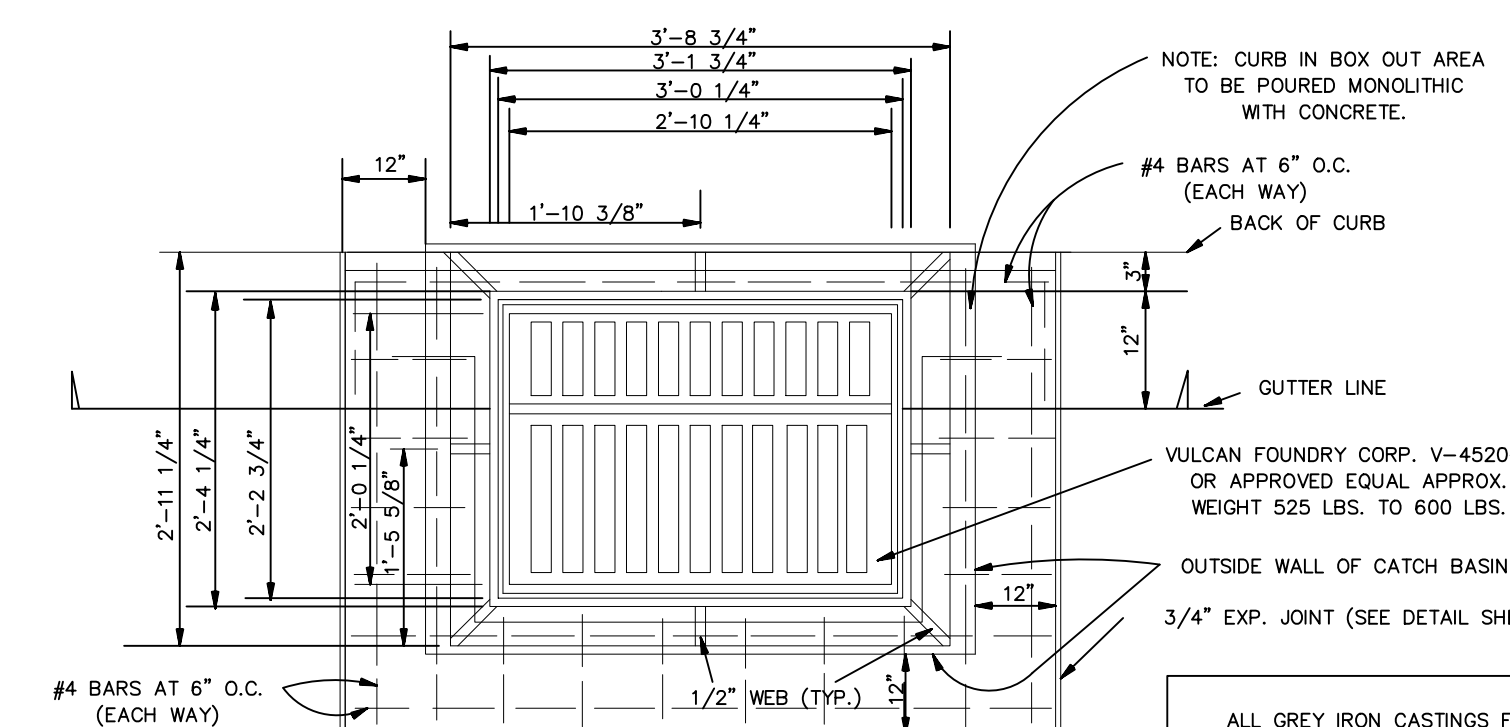
DETAIL FOR BOXING CATCH BASIN (TYPES 2 & 3)



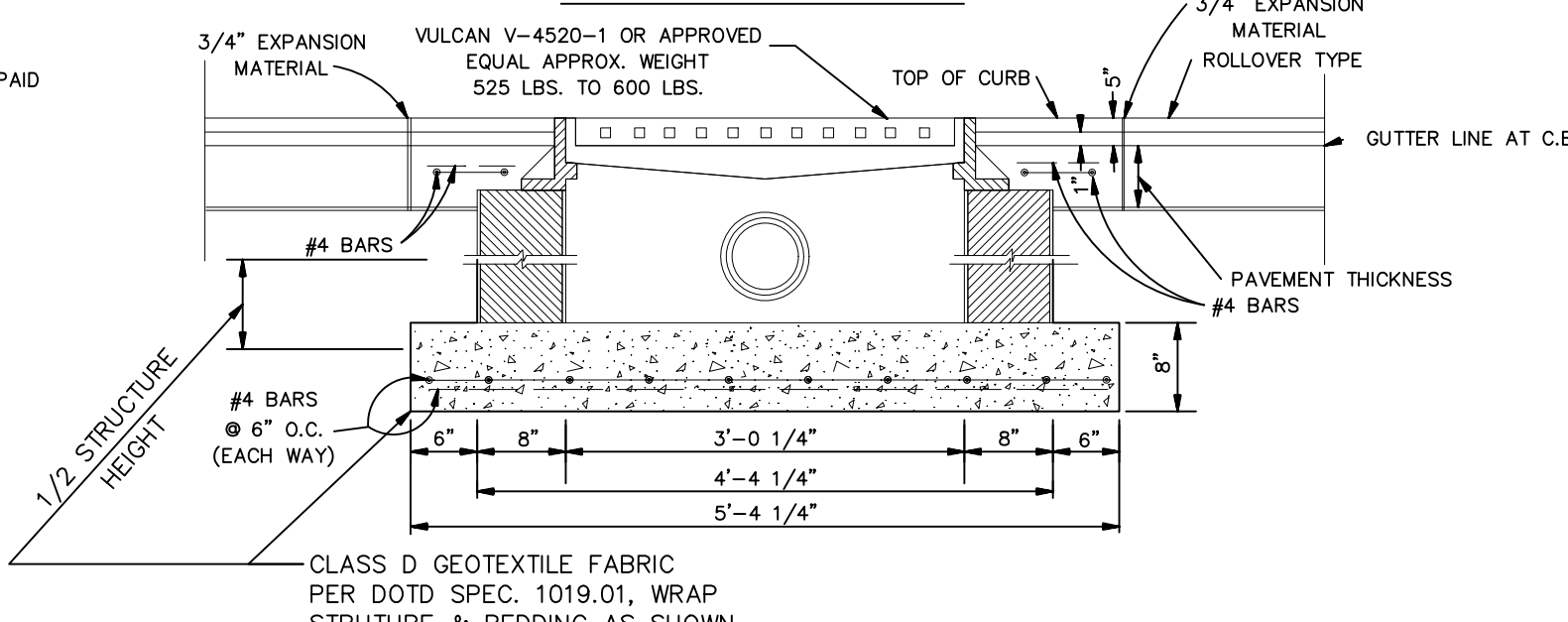
SIDE ELEVATION OF ROLLOVER CATCH BASIN TYPE 2



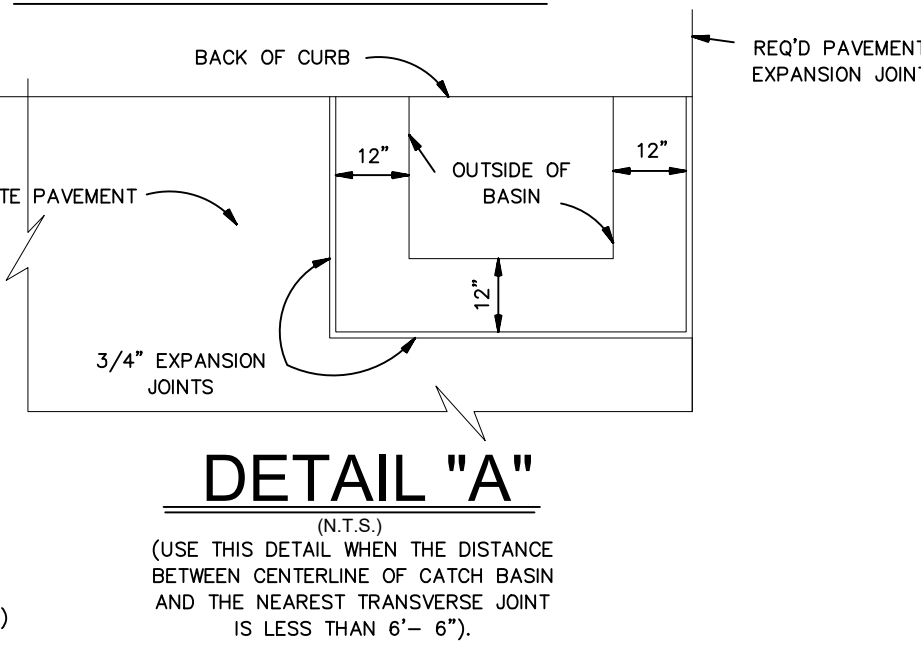
DRAINAGE MANHOLE



TYPE 2 CATCH BASIN PLAN VIEW



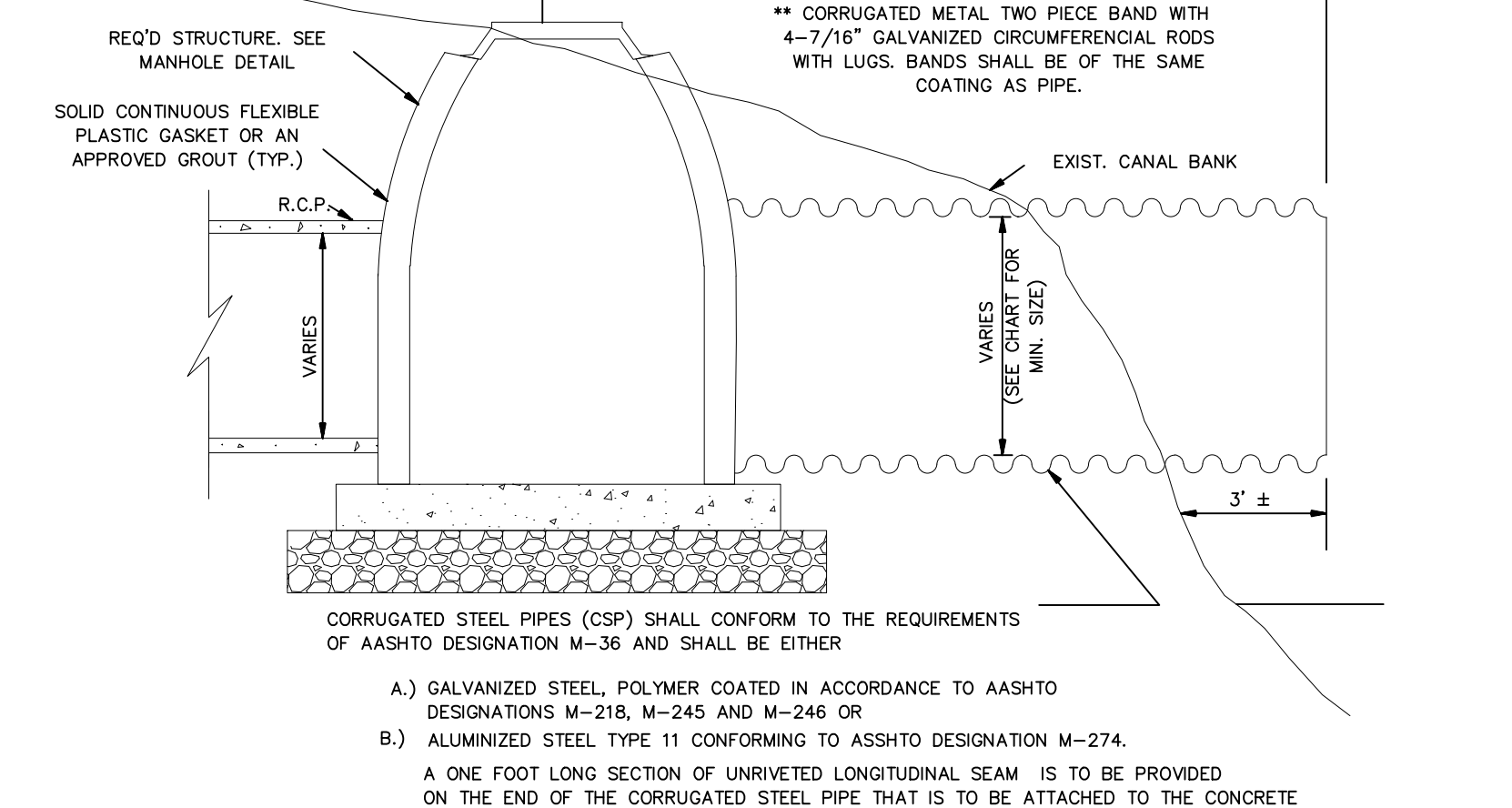
TYPE 2 CATCH BASIN SECTION ALONG GUTTER LINE



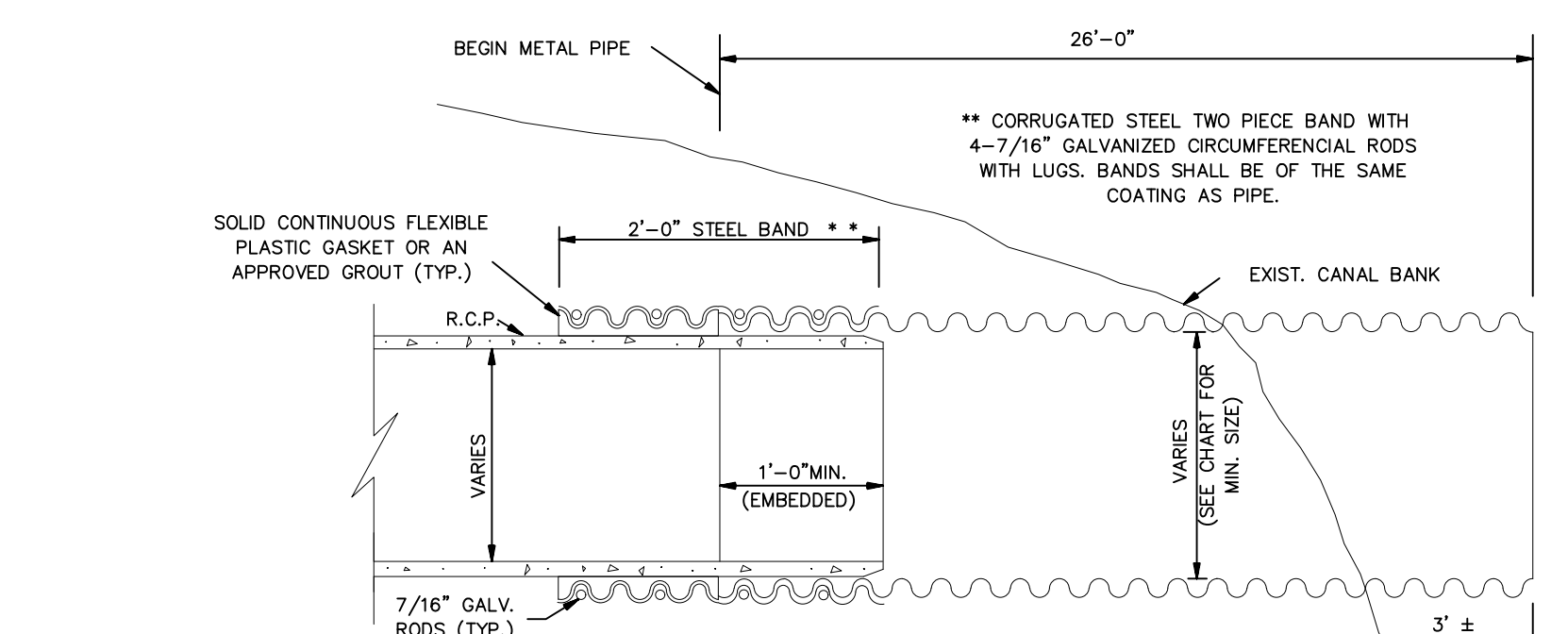
DETAIL "A"

CANAL DISCHARGE PIPE CHART (CMP)					
R.C.P. NOM. DIA.	WALL THICKNESS	R.C.P. O.D.	RE'DD CMP I.D.	GAGE RE'DD	
12"	2"	16"	16.5"	16.5"	Δ 14
15"	2.25"	19.5"	20"	20"	Δ 12
18"	2.5"	23"	23.5"	23.5"	Δ 12
21"	2.75"	26.5"	27"	27"	Δ 12
24"	3"	30"	30.5"	30.5"	Δ 12
27"	3.25"	33.5"	34"	34"	Δ 12
30"	3.50"	37"	37.5"	37.5"	Δ 12
36"	4"	44"	44.5"	44.5"	Δ 12
42"	4.5"	51"	51.5"	51.5"	Δ 12
48"	5"	58"	58.5"	58.5"	Δ 12
54"	5.5"	65"	65.5"	65.5"	* 12
60"	6"	72"	72.5"	72.5"	* 12
66"	6.5"	79"	79.5"	79.5"	* 12
72"	7"	86"	86.5"	86.5"	* 12
78"	7.5"	93"	93.5"	93.5"	* 12
84"	8"	100"	100.5"	100.5"	* 12
90"	8.5"	107"	107.5"	107.5"	* 12
96"	9"	114"	114.5"	114.5"	* 12

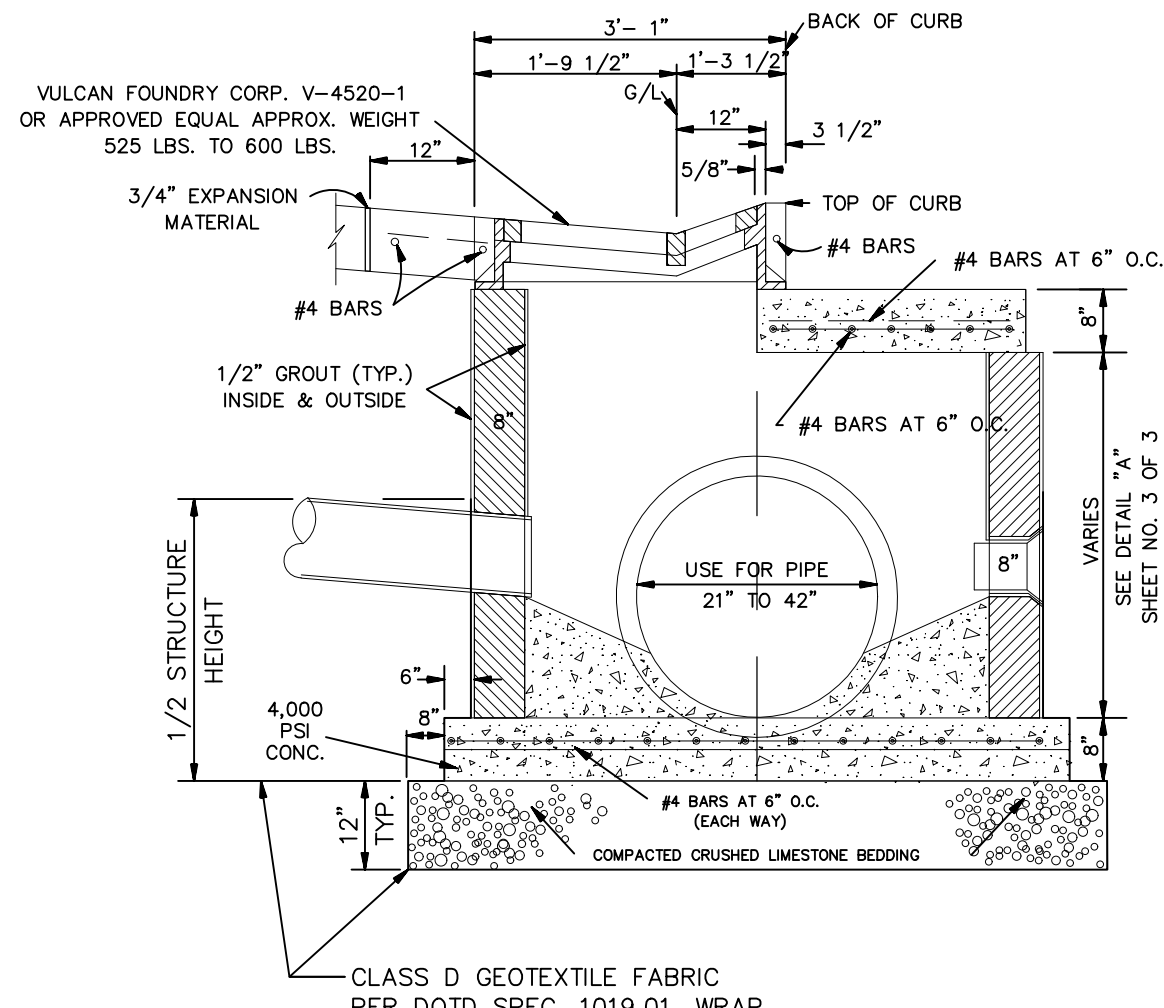
* 2 2/3" x 1 1/2" CORRUGATION REQUIRED.
* 3" x 1" CORRUGATION REQUIRED.



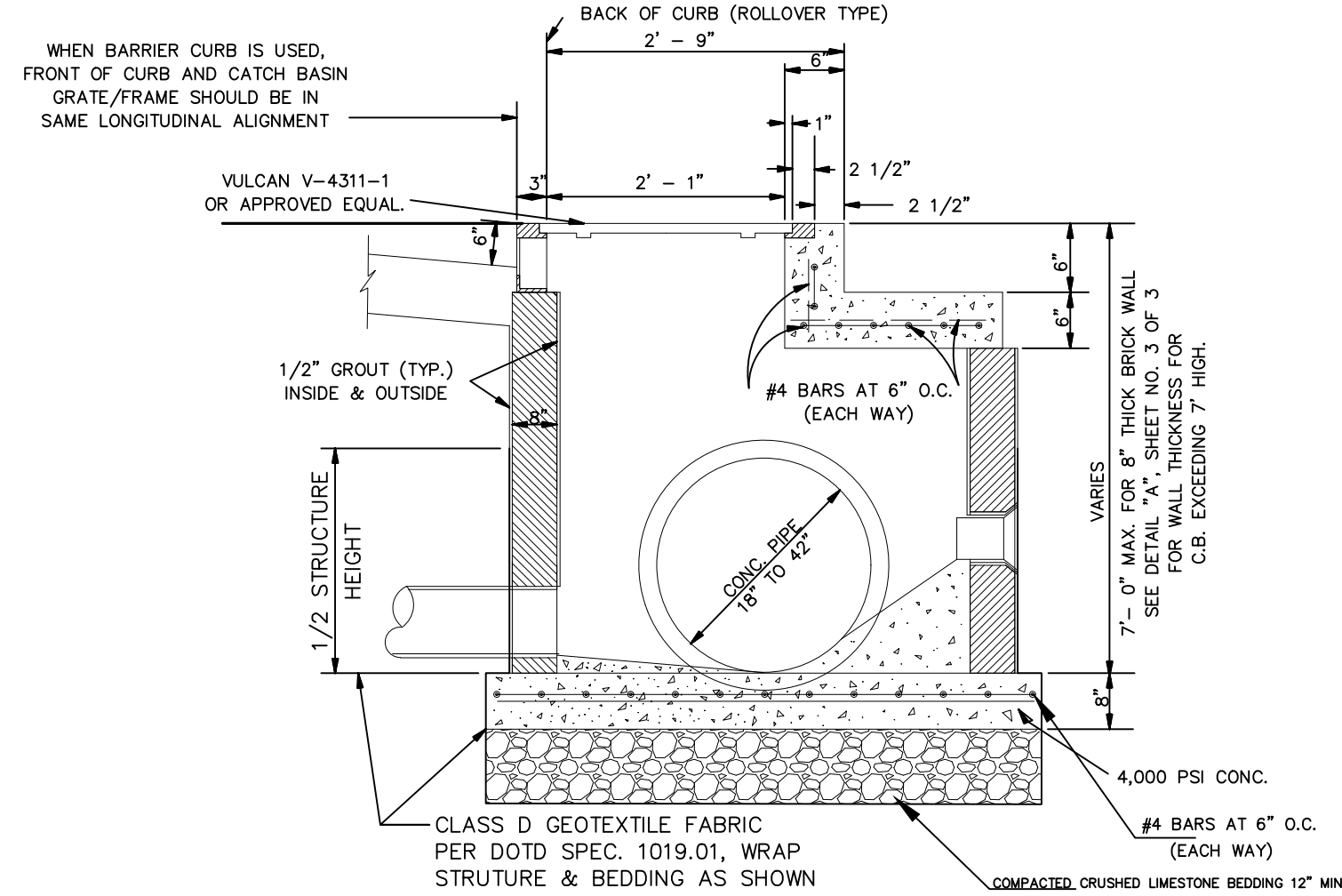
CANAL DISCHARGE PIPE - TYPE A



CANAL DISCHARGE PIPE - TYPE B



TYPE 4 CATCH BASIN



OFFSET CATCH BASIN TYPE NO. 5

POLICY STATEMENT

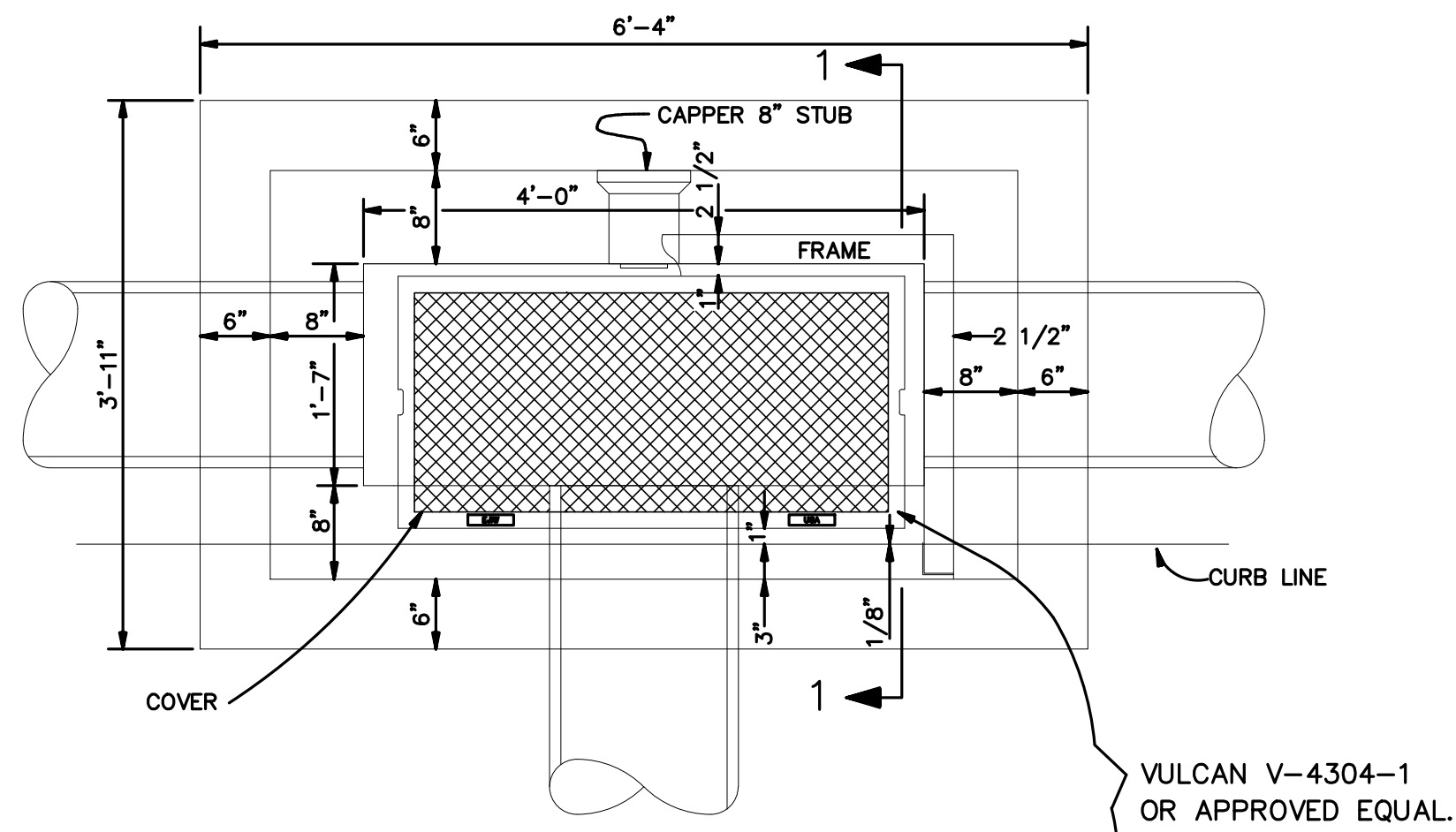
- REQUIRED TECHNICAL INFORMATION FOR DRAINAGE DITCHES OR CANALS WHICH ABUT OR LIE IN THE PROPOSED SUBDIVISIONS:
- FURNISH A MINIMUM OF TWO (2) CROSS-SECTIONS, ONE AT THE UPSTREAM AND THE OTHER AT THE DOWNSTREAM OF ALL EXISTING DITCHES OR CANALS. THESE CROSS-SECTIONS SHALL BE TIED-IN WITH THE PROPERTY LINE/LINES.
 - SUPERIMPOSE THE MASTER DRAINAGE PLAN'S RECOMMENDED DITCH OR CANAL CROSS-SECTIONS ON THE EXISTING CROSS-SECTIONS, THEN DELINEATE THE REQUIRED MAINTENANCE SERVIDUTE ON BOTH SIDES OF THE CANALS OR DITCHES, THESE SERVIDUTES ARE THE DISTANCES BETWEEN PROPERTY LINES AND THE TOP OF THE PROPOSED DITCH OR CANAL BANKS. (20 FEET MINIMUM SERVIDUTE FOR THE TOP WIDTH OF A DITCH LESS THAN 35 FEET AND 35 FEET MINIMUM SERVIDUTE FOR THE TOP WIDTH OF A CANAL LARGER THAN 35 FEET).
 - IF NO RECOMMENDATIONS ARE GIVEN FOR THE PROPOSED CROSS-SECTIONS OF THE DITCHES OR CANALS IN THE MASTER DRAINAGE PLAN THEN FURNISH THE FOLLOWING INFORMATION:
 - DETERMINE FLOW OF RUN OFF AT THE UPSTREAM REACH OF THE DITCH OR CANAL.
 - CALCULATE RUN OFF GENERATED FROM THE PROPOSED SITE.
 - CALCULATE THE PROPOSED CROSS-SECTIONS FOR THE DITCH OR CANAL BASED ON THE SUM OF THESE FLOWS THEN PROCEED AS STEP 2.
 - IF THE EXISTING DITCH IS PROPOSED TO BE RELOCATED OR ABANDONED, THEN A SUITABLE CULVERT/CULVERTS SHALL BE SIZED AND AN ADEQUATE MAINTENANCE SERVIDUTE SHALL BE SHOWN.
 - IN CALCULATING RUN OFF OR SIZING CULVERTS FOLLOW THE PROCEDURES OUTLINED IN THE ST. BERNARD PARISH DRAINAGE DESIGN MANUAL.

PROJECT NAME :

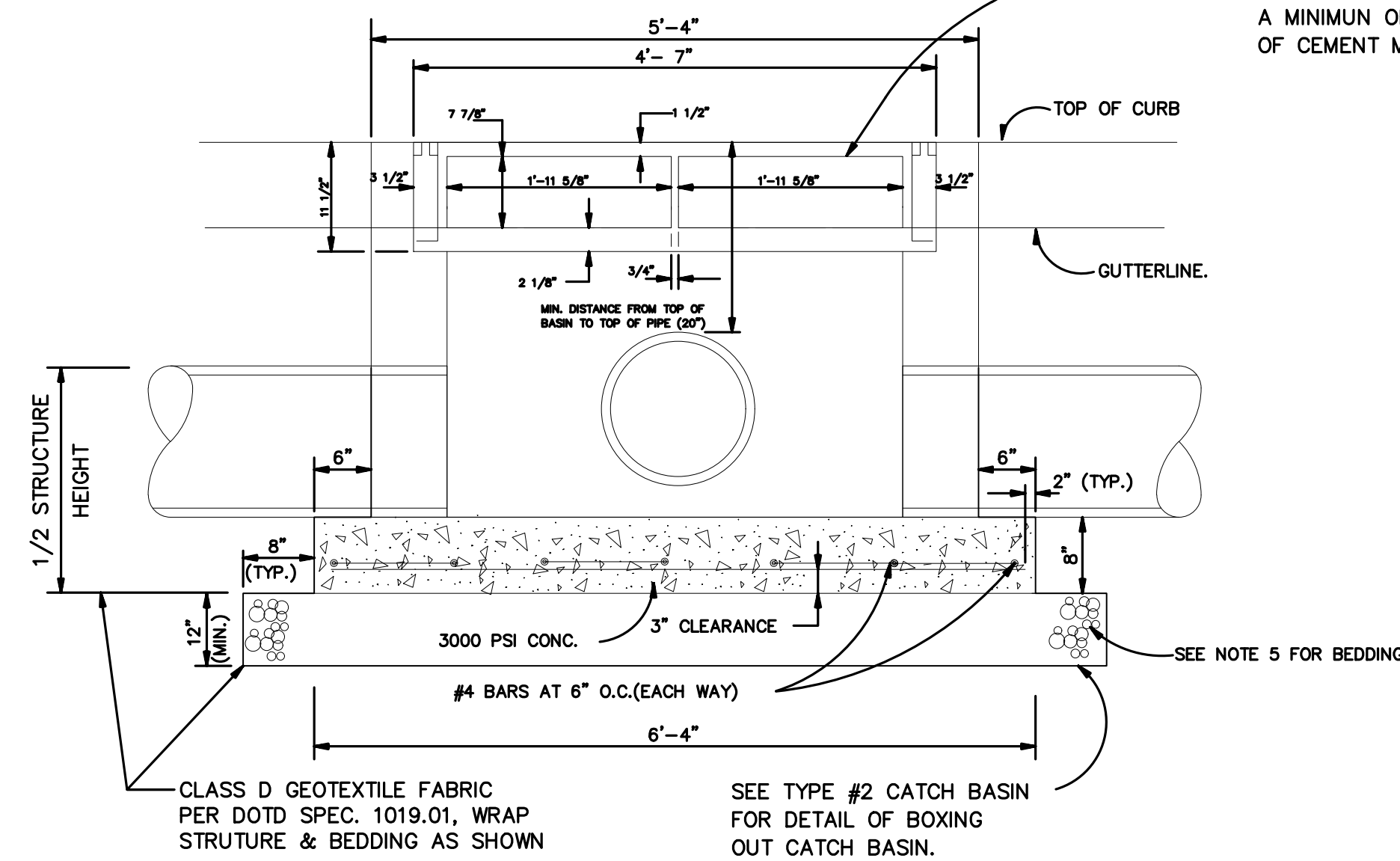
PROJECT NUMBER:

	DATE	08.09.2019	ST. BERNARD PARISH GOVERNMENT STANDARD DETAIL PLANS DRAINAGE DETAILS (1 OF 3)	APPROVED BY		DRAWING NUMBER	SD - 5
	DRAWN BY	MF/AR					
	SCALE:	NTS					
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						SHEET 5 OF 16	

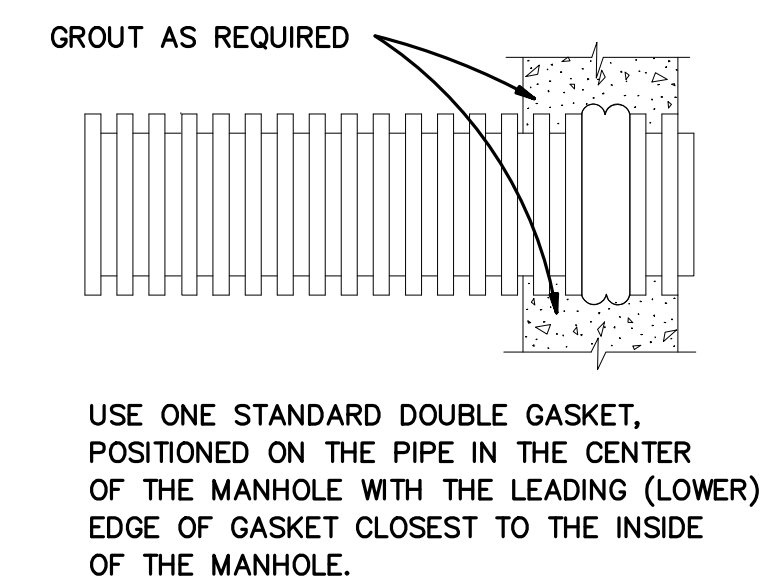
NOTE: ALL GREY IRON CASTINGS FOR MANHOLES AND CATCH-BASINS OF ALL TYPES SHALL CONFORM TO THE REQUIREMENTS OF A.S.T.M. A-48, CLASS 30 AND SHALL BE FURNISHED WITHOUT PAINT. (M306-891) CASTING MUST BE OF DOMESTIC UNITED STATES MANUFACTURE ONLY.



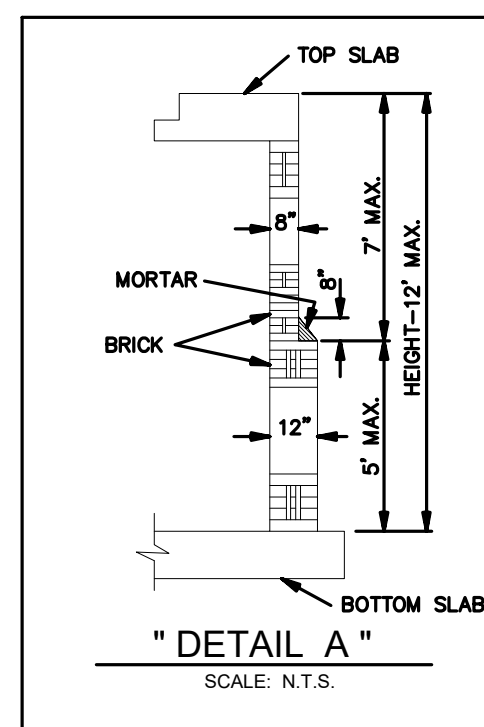
PLAN OF TYPE 1 CATCH BASIN



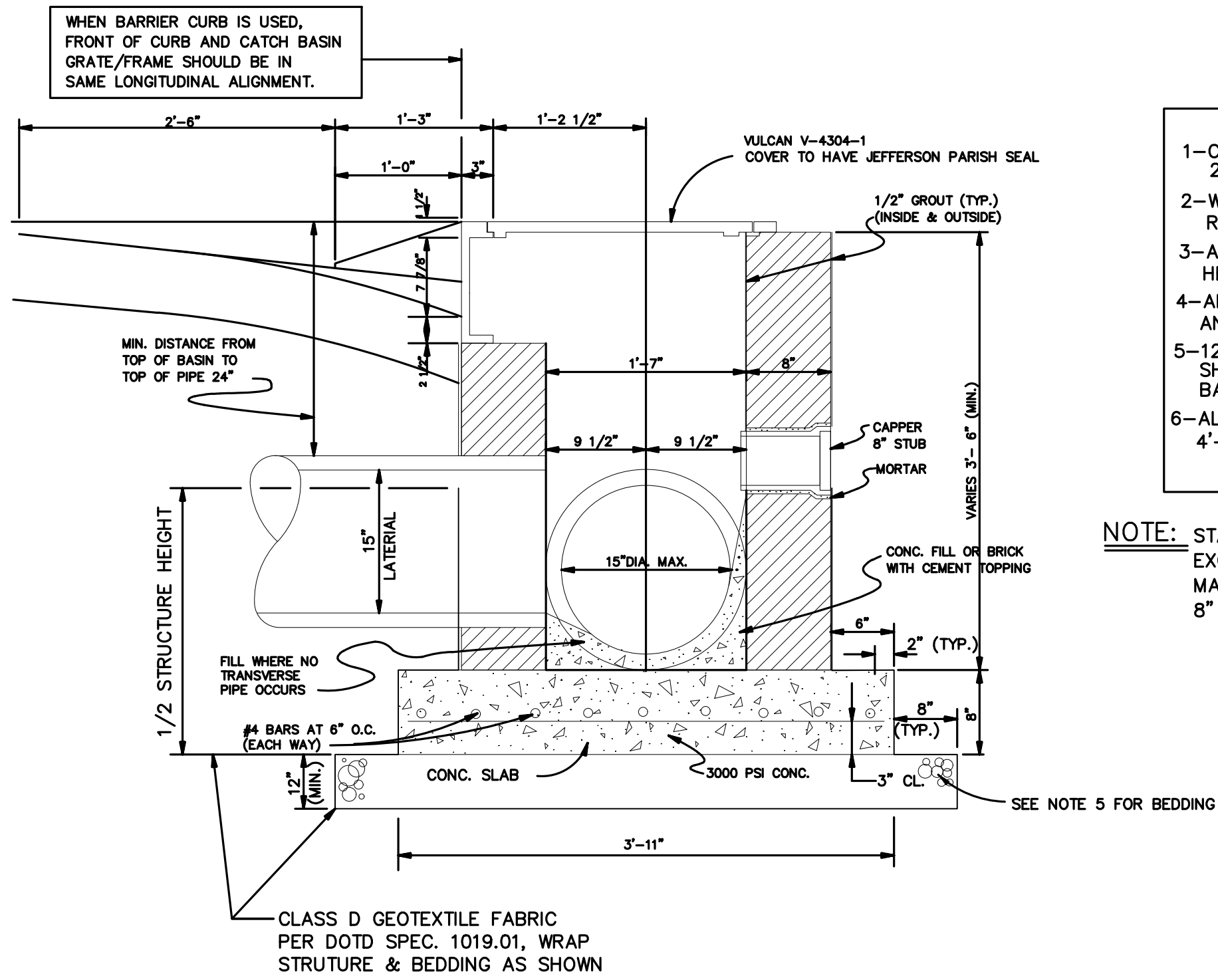
FRONT ELEVATION TYPE 1 CATCH BASIN



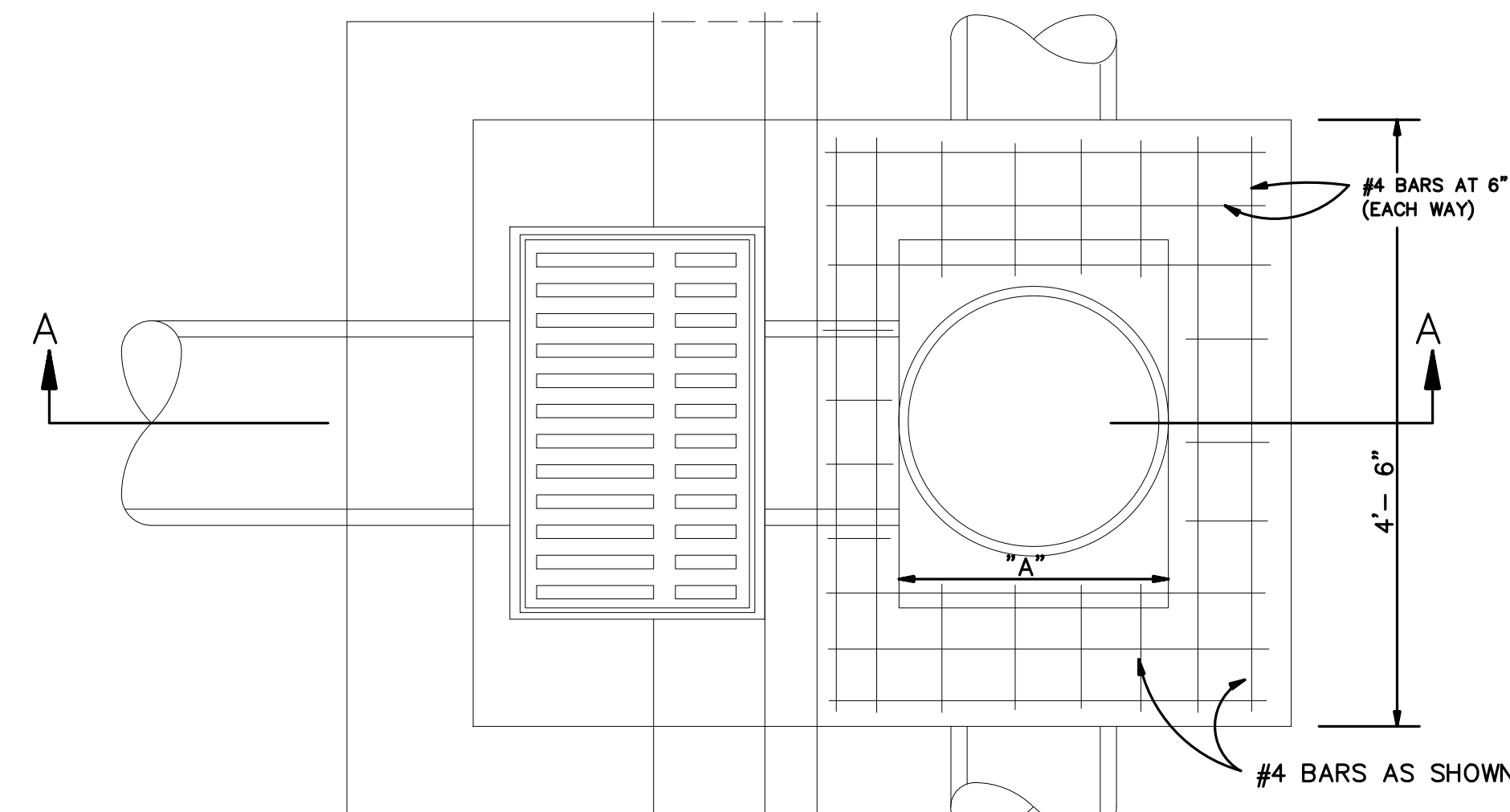
PLASTIC PIPE CONNECTION AT MANHOLE



"DETAIL A"



TYPE 1 CATCH BASIN SECTION 1



PLAN OF TYPE 3 CATCH BASIN

SEE TYPE #2 CATCH BASIN FOR DETAIL OF BOXING OUT CATCH BASIN.

NOTES:

THE DEPARTMENT OF ENGINEERING RESERVES THE RIGHT TO MODIFY PIPE BEDDING REQUIREMENTS IN ACCORDANCE WITH EXISTING FIELD CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

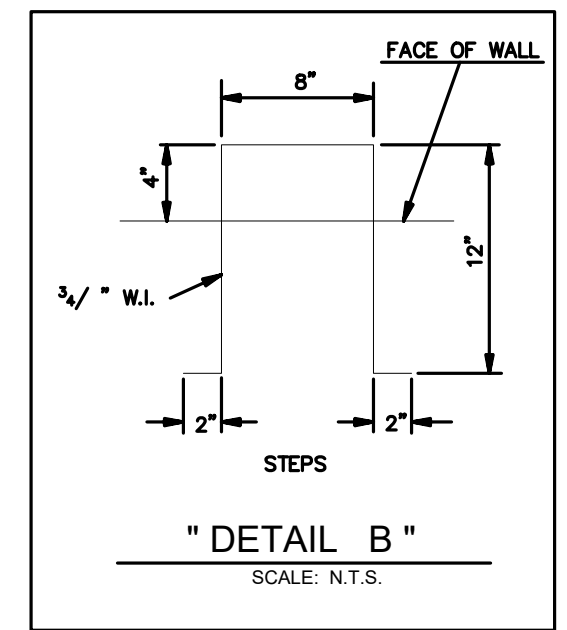
ALL CONCRETE PIPE SHALL BE A.S.T.M. C-76 CLASS III, WALL B, REINFORCED CONCRETE PIPE WITH TYPE 2 JOINT, AND WRAPPED WITH AN 36" PLASTIC FILTER CLOTH (D.O.T.D. SPEC. 1018.15) CENTERED ON THE JOINT AND LAPPED 36". REJECT PIPE, COMMONLY CALLED "SECONDS", WILL NOT BE ACCEPTABLE.

NOTES:

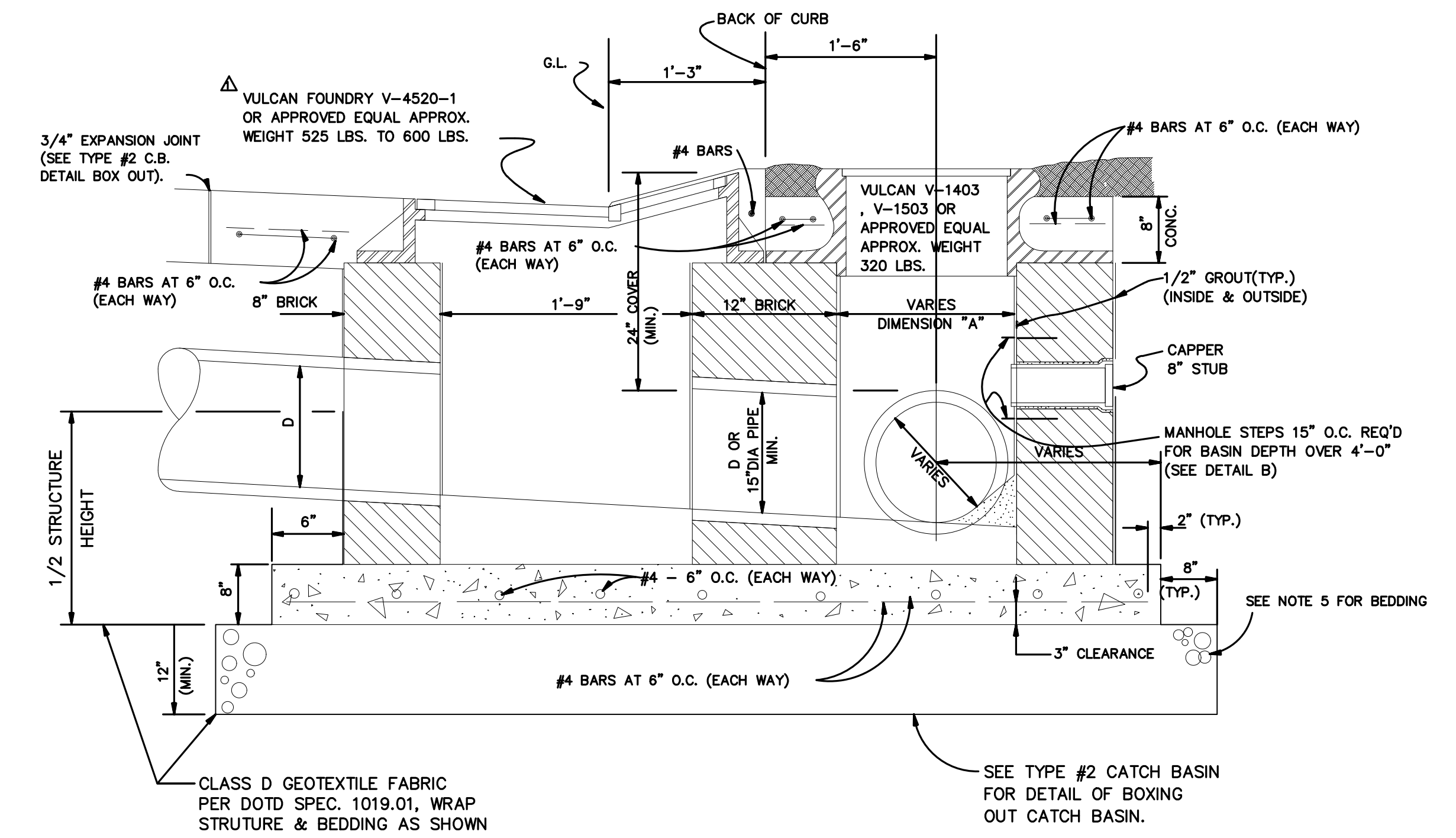
- 1-CONCRETE STRENGTH TO BE 3,000 PSI (MIN.) AT 28 DAYS.
- 2-WALL THICKNESS SHALL BE BASED UPON BASIN HEIGHT. REFER TO DETAIL "A" (SEE BELOW).
- 3-ALL MASONRY TO BE LAID WITH RUNNING BOND AND HEADER COURSE (EVERY FOURTH LAYER).
- 4-ALL WALLS TO BE PLASTERED 1/2" THICK INSIDE AND OUTSIDE.
- 5-12" THICK CRUSHED LIMESTONE BEDDING FOUNDATION SHALL BE REQUIRED UNDER MANHOLES AND CATCH BASINS.
- 6-ALL CATCH BASINS AND MANHOLES GREATER THAN 4'-0" DEEP ARE REQUIRED TO HAVE IRON STEPS.

NOTE: STANDARD FOR DIMENSION "A" IS 24". WHEN DIMENSION "A" EXCEEDS 24" CASTING BECOMES PATTERN NO. VM - 6 AS MANUFACTURED BY VULCAN FOUNDRY OR APPROVED EQUAL AND 8" REINFORCED CONCRETE SLAB IS REQUIRED AS CASTING SEAT.

DIMENSION "A"	REINFORCING	
	# SIZE	# EA. WAY
24" (STANDARD)	# 4	4
24" - 27"	# 5	4
27" - 30"	# 5	6
30" - 36"	# 5	8
36" - 48"	# 6	10



"DETAIL B"



TYPE 3 CATCH BASIN SECTION A-A

PROJECT NAME :

PROJECT NUMBER:



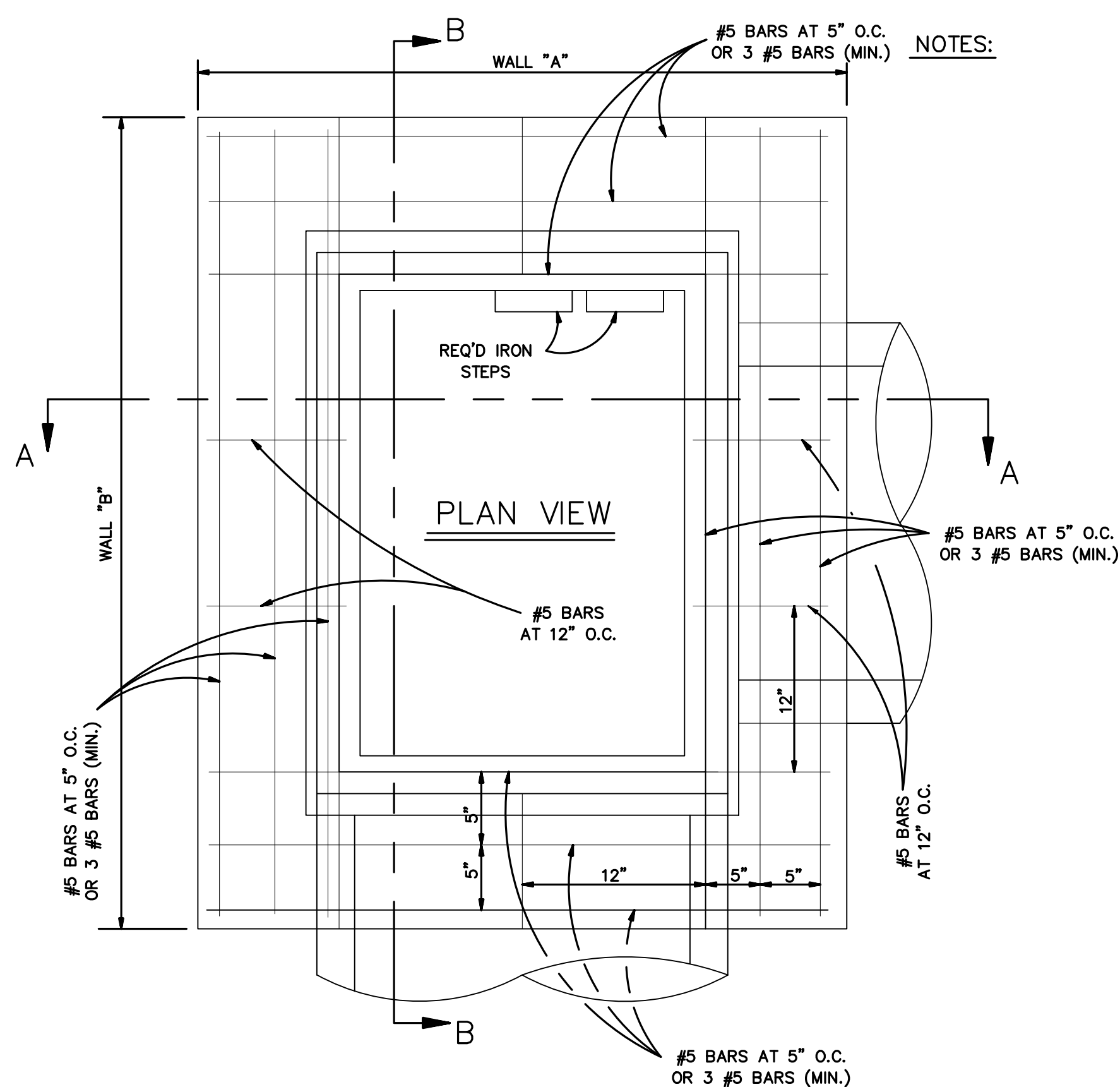
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SCALE:	NTS
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ST. BERNARD PARISH GOVERNMENT
STANDARD DETAIL PLANS
DRAINAGE DETAILS (2 OF 3)

APPROVED BY
DATE

DRAWING NUMBER
SD - 6
SHEET 6 of 16

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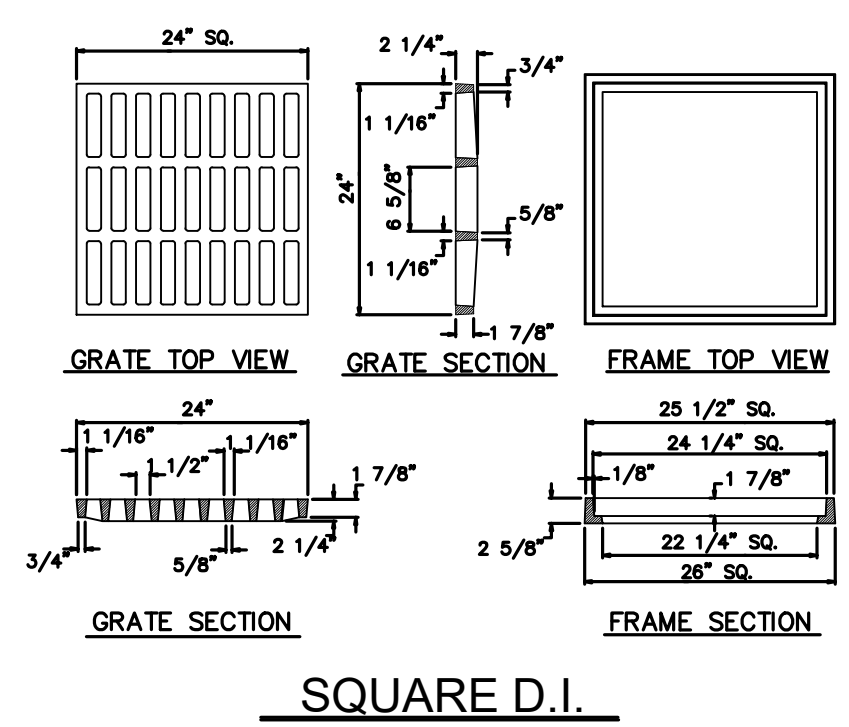


- NOTES:
1. CULVERT SIZE SHOWN PERTAIN TO B & S PIPE. (UNLESS OTHERWISE SPECIFIED).
 2. CONCRETE STRENGTH TO BE 3,000 PSI (MINIMUM) AT 28 DAYS.
 3. DIMENSIONS FOR BOTTOM SLAB AS PER DIMENSIONS FOR WALLS "A" AND "B".
 4. WHEN BOX IS 7'-0" OR LESS IN HEIGHT, WALLS TO BE 8" THICK. WHEN BOX HEIGHT IS GREATER THAN 7'-0" BUT LESS 12'-0", SEE DETAIL "A".
 5. WIDTH OF SHELL BEDDING SHALL BE AS PER DIMENSIONS SHOWN FOR WALLS "A" AND "B" PLUS 2'-0".
 6. ALL MASONRY TO BE LAID WITH RUNNING BOND AND HEADER COURSE (EVERY FOURTH LAYER).
 7. ALL WALLS TO BE PLASTERED INSIDE AND OUTSIDE (1/2" MIN. THICKNESS).
 8. ALL GRATES AND FRAMES SHALL BE VULCAN FOUNDRY OR APPROVED EQUAL. ALL CAST IRON TYPE AND WITHOUT PAINT.

ALL GREY CASTINGS FOR MANHOLES AND CATCH BASINS OF ALL TYPES SHALL CONFORM TO THE REQUIREMENTS OF A.S.T.M. A-48, CLASS 50, AND SHALL BE FURNISHED WITHOUT PAINT (AASHTO#206-89)

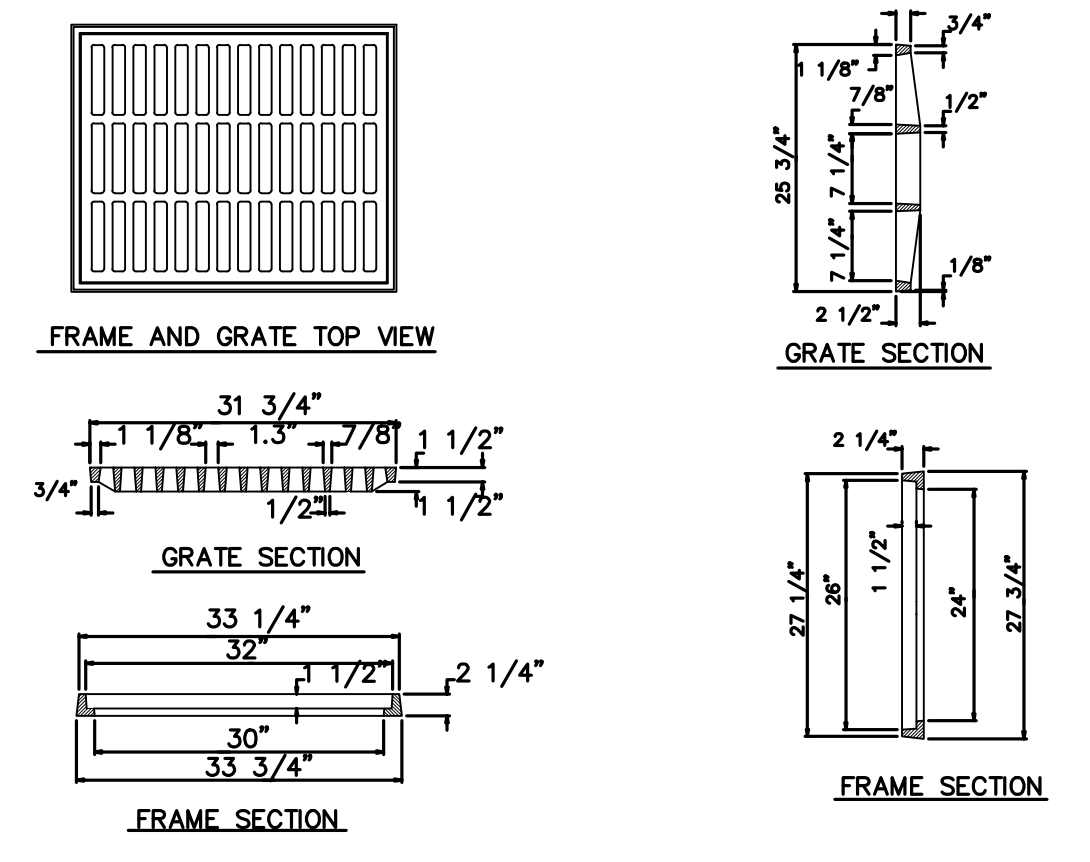
SQUARE " GRATE " (V-5724-1)							
CULVERT SIZE	BOTTOM SLAB	TOP SLAB (A & B)	C & D	CULVERT SIZE	BOTTOM SLAB	TOP SLAB	C & D
12" DIA.	4'-2" x 4'-2"	3'-2" x 3'-2"	7 7/8"	21" DIA. x 24" DIA.	5'-0" x 5'-0"	4'-6" x 4'-6"	15 7/8"
15" DIA.	4'-4" x 4'-4"	3'-4" x 3'-4"	8 7/8"	27" DIA. x 30" DIA.	6'-0" x 6'-0"	5'-0" x 5'-0"	18 7/8"
18" DIA.	4'-6" x 4'-6"	3'-6" x 3'-6"	9 7/8"	36" DIA.	6'-6" x 6'-6"	5'-6" x 5'-6"	21 7/8"

RECTANGULAR " GRATE " (V-5762)							
CULVERT SIZE ON WALLS A & B	WALL "A"	"C"	WALL "B"	"D"			
21" DIA. & 24" DIA. B & S	4'-6"	15" (3 NO.5 BARS)	4'-6"	15" (3 NO.5 BARS)			
27" DIA. & 30" DIA. B & S	5'-0"	18" (3 NO.5 BARS)	5'-0"	18" (3 NO.5 BARS)			
36" DIA. B & S	5'-6"	22 1/2" (3 NO.5 BARS)	5'-6"	19 1/2" (3 NO.5 BARS)			
42" DIA. B & S	6'-0"	27" (4 NO.5 BARS)	6'-0"	24" (4 NO.5 BARS)			
48" DIA. B & S	7'-0"	30" (5 NO.5 BARS)	7'-0"	27" (4 NO.5 BARS)			
54" DIA. T & G	7'-3"	31 1/2" (5 NO.5 BARS)	7'-3"	28 1/2" (5 NO.5 BARS)			
60" DIA. T & G	7'-6"	35" (6 NO.5 BARS)	7'-6"	32" (6 NO.5 BARS)			
72" DIA. T & G	9'-0"	42" (7 NO.5 BARS)	9'-0"	39" (7 NO.5 BARS)			

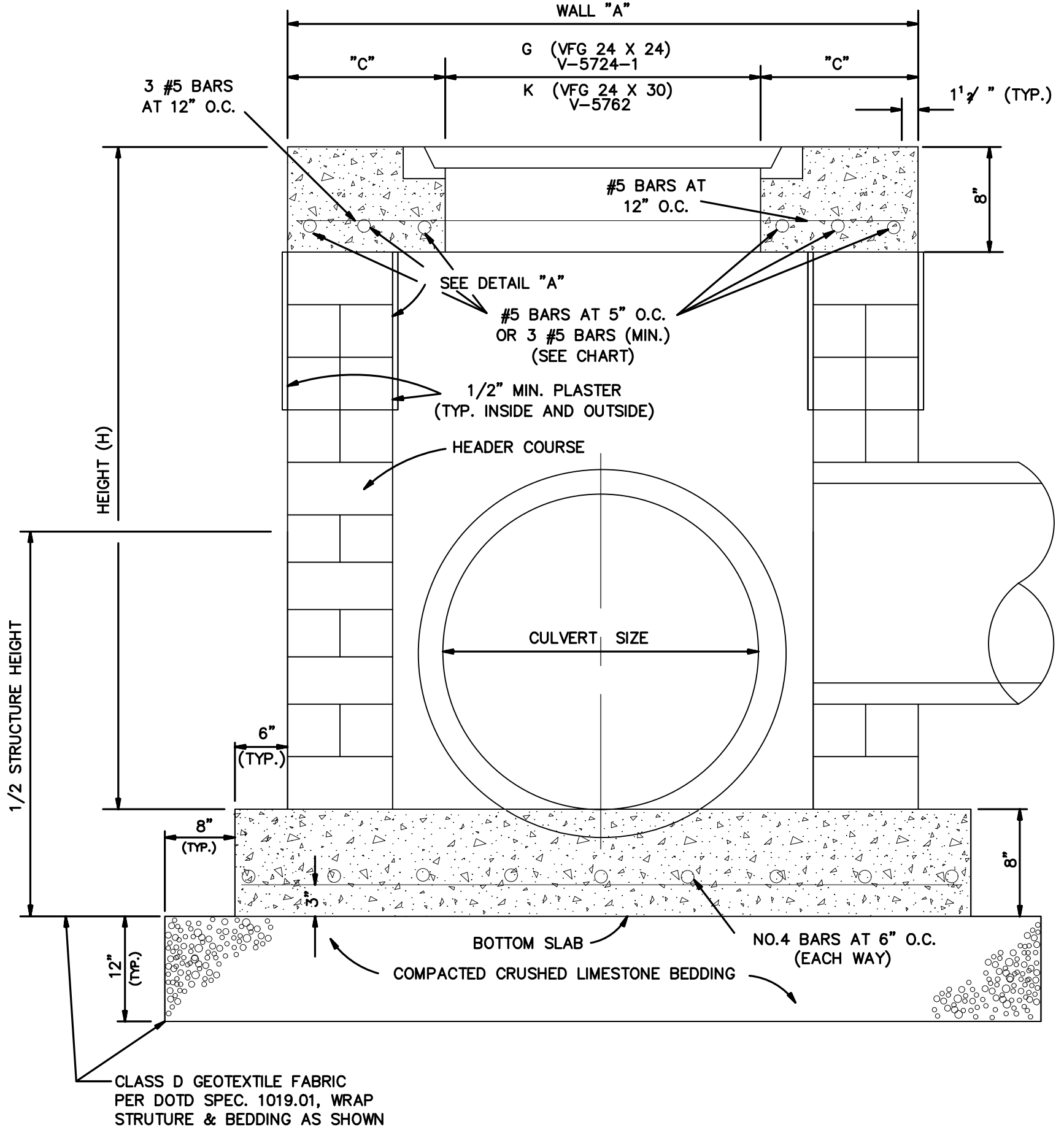


NOTE: SOLID COVERS ARE AVAILABLE ON REQUEST.

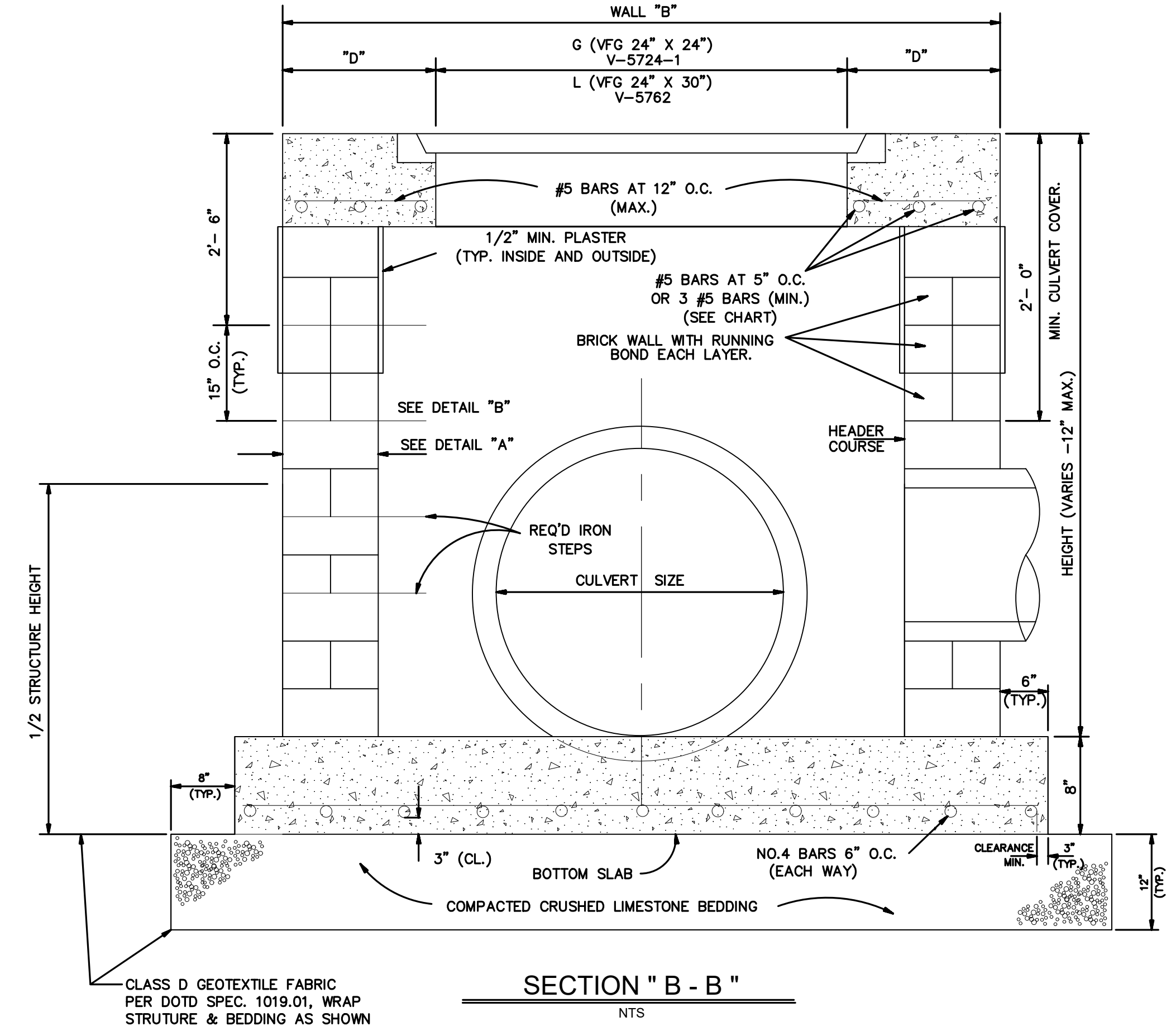
B & S = BELL & SPIGOT
T & G = TONGUE & GROOVE
W.I. = WROUGHT IRON



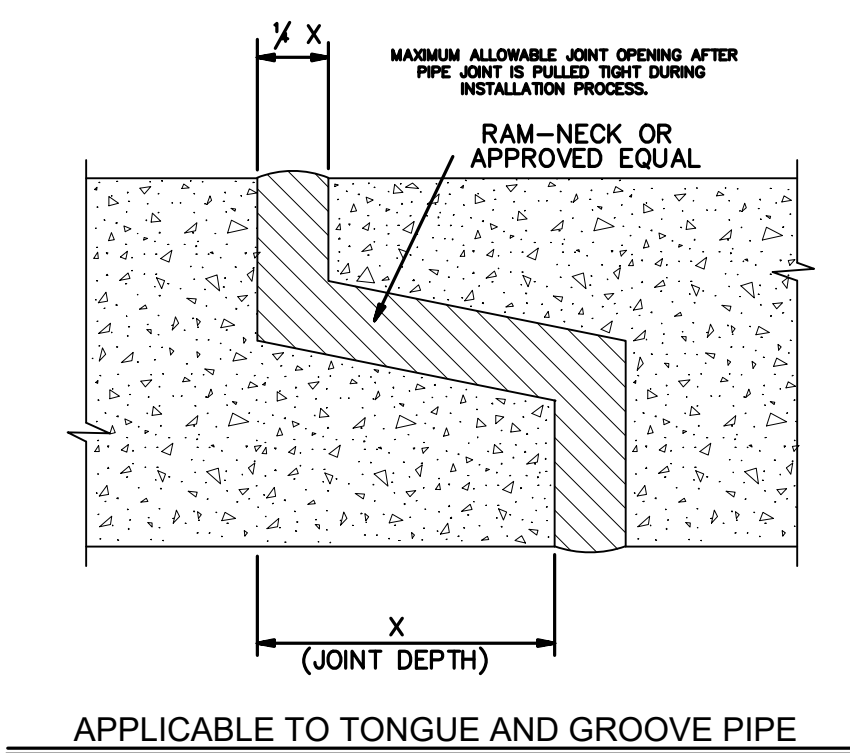
RECTANGULAR D.I.



SECTION "A - A"

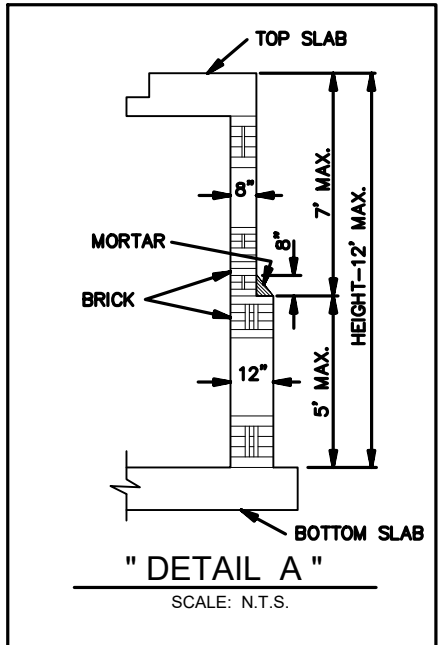
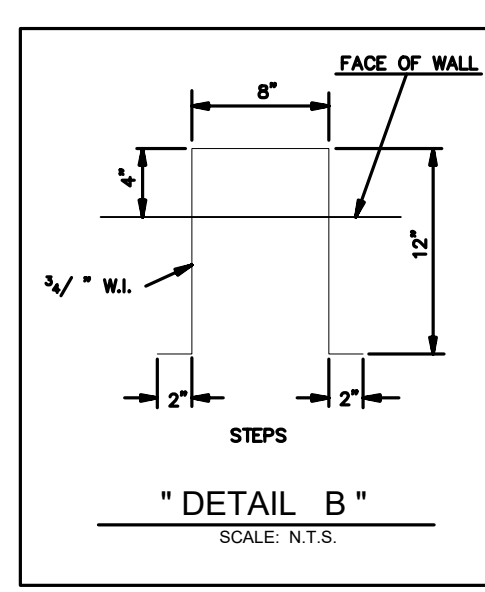


SECTION "B - B"



APPLICABLE TO TONGUE AND GROOVE PIPE (ARCH PIPE ONLY)

ARCH PIPE (RISE X SPAN)	X (INCHES)	Y X (INCHES)
15 1/2" x 22"	2"	3/4"
15 1/2" x 26"	2 1/4"	3/4"
18" x 26 1/2"	3"	3/4"
22 1/2" x 36 1/2"	3 1/2"	3/4"
26 1/2" x 43 1/2"	3"	3/4"
31 1/2" x 51 1/2"	3 1/2"	3/4"
36" x 58 1/2"	4 1/2"	1 1/4"
40 1/2" x 66"	5 1/4"	1 1/4"
45" x 73 1/2"	6"	1 1/2"
54" x 86"	6"	1 1/2"
62 1/2" x 102"	6 1/2"	1 1/2"
77 1/2" x 122"	7"	1 1/2"



DROP INLET

PROJECT NAME :

PROJECT NUMBER :

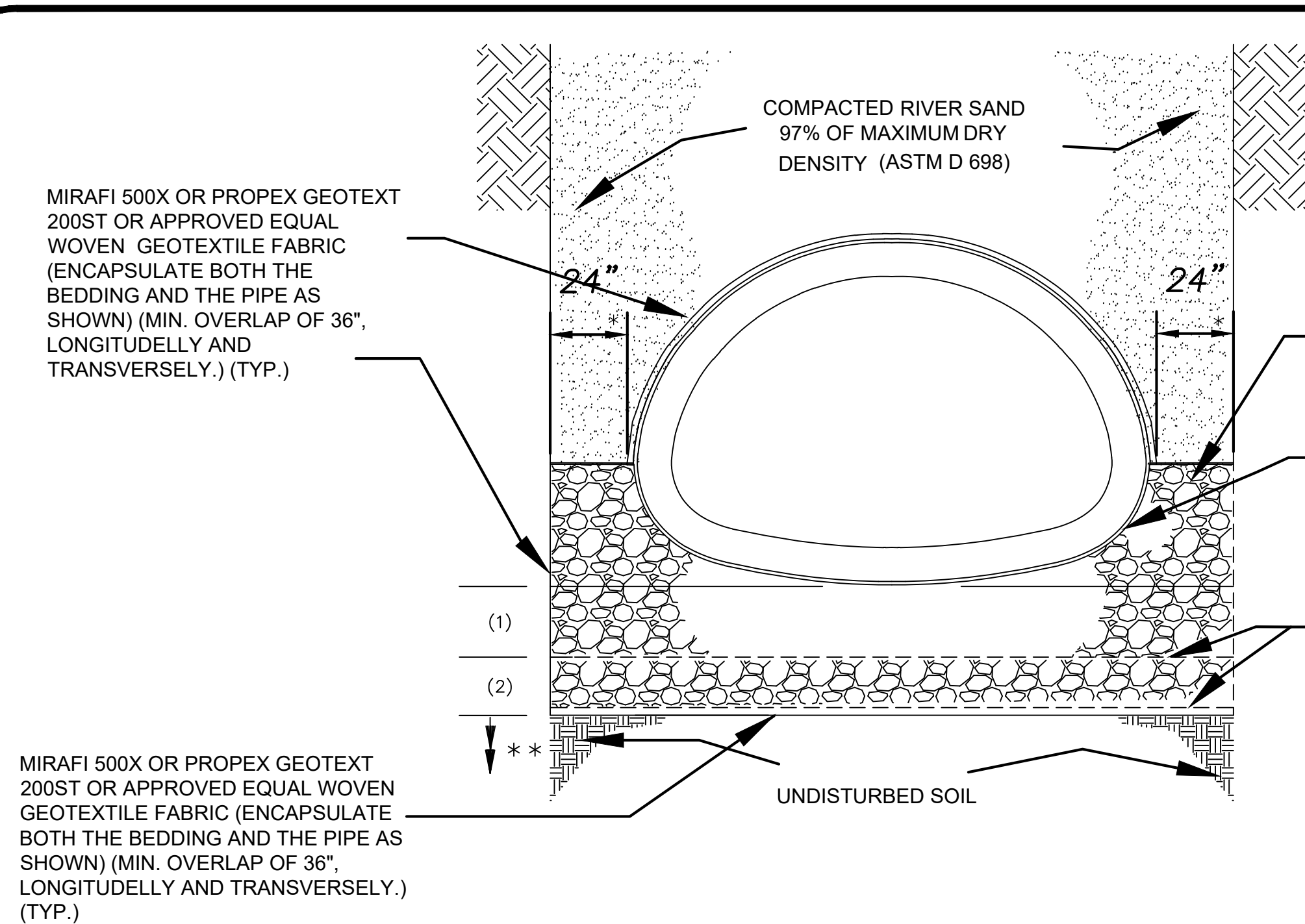


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ST. BERNARD PARISH GOVERNMENT
STANDARD DETAIL PLANS
DRAINAGE DETAILS (3 OF 3)

APPROVED BY: _____
DATE: _____

DRAWING NUMBER: SD - 7
SHEET 7 of 16



TYPICAL CONCRETE DRAINAGE PIPE TRENCH DETAIL
(36"-72" RCP) AND [42"-96" RCPA]
N.T.S.

(RCP) & [RCPA] MINIMUM * BEDDING THICKNESS (in.)**

PIPE SIZE (RCP) [RCPA]	BEDDING LAYER	UNDISTURBED SUBGRADE NET ALLOWABLE SOIL BEARING CAPACITY (psf.)				
		300-400	401-500	501-600	601-700	>700
(36" & 42") [42" & 48"]	(1)	20"	18"	16"	14"	12"
	(2)	8"	8"	8"	8"	8"
TOTAL THICKNESS		28"	26"	24"	22"	20"
(48" & 54") [54" & 60"]	(1)	22"	20"	18"	14"	12"
	(2)	10"	10"	10"	10"	10"
TOTAL THICKNESS		32"	30"	28"	24"	22"
(60" & 72") [72", 84" & 96"]	(1)	34"	30"	26"	16"	14"
	(2)	10"	10"	10"	10"	10"
TOTAL THICKNESS		44"	40"	36"	26"	24"

- NOTES:**
- SIDE BEDDING WIDTH MAY BE REDUCED WITH ST BERNARD'S PARISH PROJECT ENGINEER'S APPROVAL.
 - THE DEPARTMENT OF ENGINEERING RESERVES THE RIGHT TO MODIFY PIPE BEDDING REQUIREMENTS IN ACCORDANCE WITH EXISTING FIELD CONDITIONS ENCOUNTERED DURING CONSTRUCTION.
 - TRENCH SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR. THE PARISH OR ITS REPRESENTATIVES RESERVE THE RIGHT TO REQUIRE THE CONTRACTOR TO MODIFY ANY PORTIONS OF SHORING SYSTEM DEEMED UNSAFE, BUT THE FINAL RESPONSIBILITY FOR THE WORKER'S SAFETY REMAINS WITH THE CONTRACTOR. TRENCH DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST OSHA STANDARDS AND REQUIREMENTS.
 - TIMBER SHEETING, IF USED, MUST REMAIN IN PLACE AND BE CUT OFF A MINIMUM OF 3 FEET BELOW FINISHED GRADE.
 - ALL CONCRETE PIPE SHALL BE A.S.T.M. C-76 (RCP) AND A.S.T.M. C-506 [RCPA], CLASS III, WALL B, REINFORCED CONCRETE PIPE WITH TYPE 2 JOINTS.
 - THE CONTRACTOR MUST REVIEW ALL DETAILS AND CHARTS INCLUDED ON THIS STANDARD DRAWING SHEET PRIOR TO BIDDING. FOR PIPES 36" AND LARGER, THE TRENCH DESIGN AND BEDDING THICKNESSES WILL VARY DEPENDING ON THE "UNDISTURBED SUBGRADE NET ALLOWABLE SOIL BEARING CAPACITY" VALUE. THE "DESCRIPTION SECTION" OF "TECHNICAL SPECIFICATIONS" FOR "CULVERTS AND STORM DRAINS" MUST REFER TO THIS ST BERNARD STANDARD DRAWING AND MUST PROVIDE THE "UNDISTURBED SUBGRADE NET ALLOWABLE SOIL BEARING CAPACITY" VALUE.
 - WHERE GROUND WATER OR AN UNSTABLE TRENCH BOTTOM EXISTS, THE TRENCH BOTTOM SHALL BE STABILIZED (ASTM D2321) TO PROVIDE A WORKING PLATFORM. REMOVE MUCK OR OTHER SOFT MATERIAL, TREE ROOTS, AND/OR ANY OTHER UNDESIRABLE MATERIAL FROM THE TRENCH BOTTOM TO A DEPTH NECESSARY TO ESTABLISH A FIRM FOUNDATION.
 - GEOTECHNICAL REPORT'S RECOMMENDATIONS FOR PIPE BEDDING, IF MORE STRINGENT, SHALL SUPERSEDE THESE MINIMUM THICKNESSES.

LEGEND:
(1) BEDDING LAYER
(RCP) REINFORCED CONCRETE CIRCULAR (ROUND) PIPE.
[RCPA] REINFORCED CONCRETE ARCH PIPE

PIPE DIA.	DIMENSION 'A' MIN.	DIMENSION 'B' MIN.
15	6"	12"
18	6"	12"
21	6"	12"
24	6"	12"
30	12"	12"
36	12"	12"
42	12"	18"
48	12"	18"
54	15"	18"
60	18"	24"
66	18"	24"
72	18"	24"

- NOTES:**
- WHERE GROUND WATER OR UNSTABLE TRENCH BOTTOM EXISTS, TRENCH BOTTOM SHALL BE STABILIZED (ASTM D2321) TO PROVIDE A WORKING PLATFORM.
 - TRENCH DETAIL SHOWN WILL BE MIN. REQUIREMENTS TO SAFEGUARD THE INTEGRITY OF THE DRAIN LINE INSTALLATION AT HEREIN-SPECIFIED DEPTHS. THE CONTRACTOR SHALL PROVIDE SUFFICIENT SHEETING AND BRACING TO PROVIDE SAFE WORKING CONDITIONS FOR HIS WORKMEN.
 - 18" REQ'D CLASS D GEOTEXTILE FABRIC OVER TOP OF CLASS II BASE (TYP.)

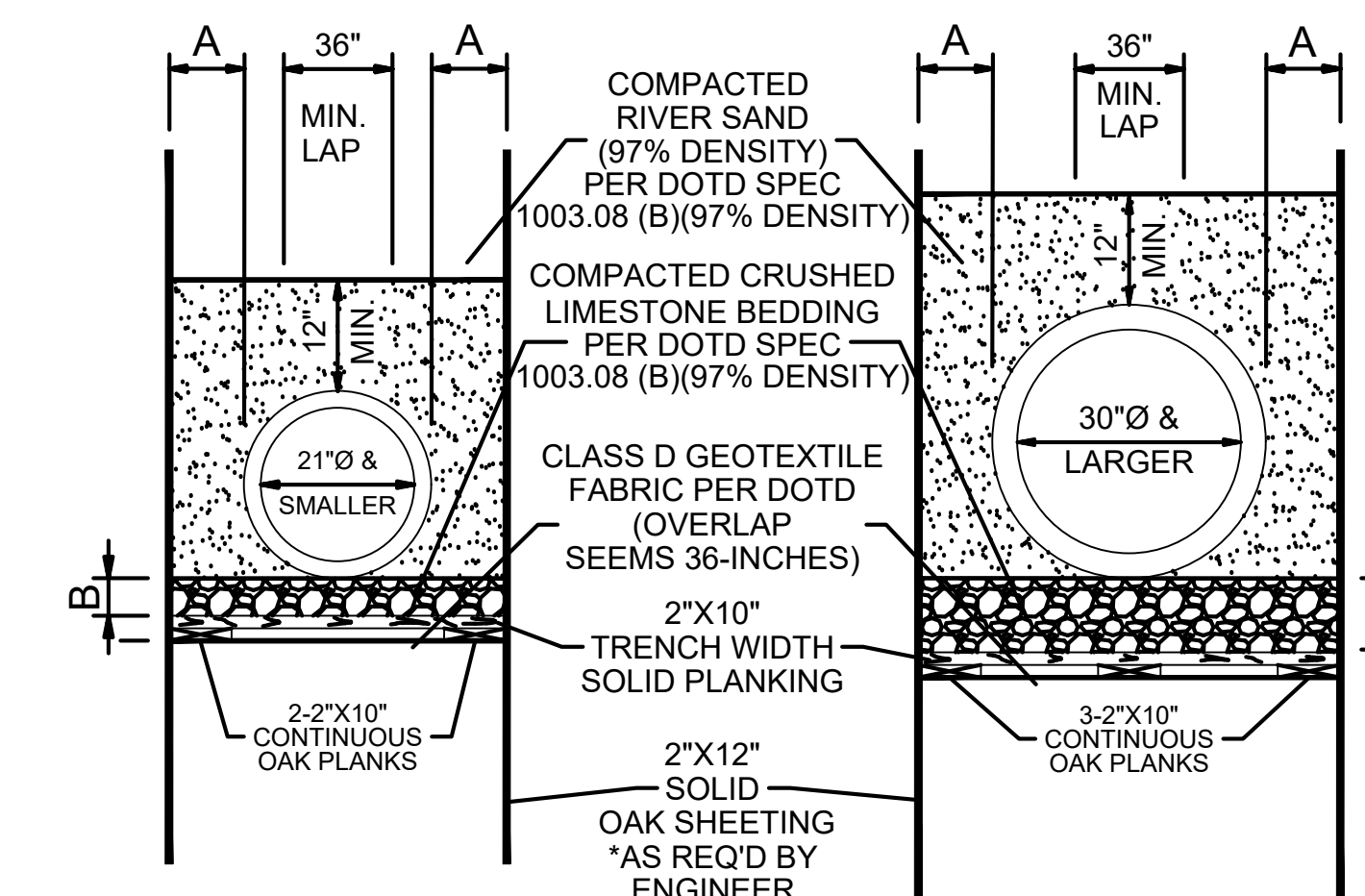
- NOTES:**
- * COMPACTED SAND, ASTM 2321 CLASS II (SW OR SP) MIN. DENSITY 97% STANDARD PROCTOR (ASTM D1557) 2' MAX. LAYERS.
 - ** PROVIDE BELL HOLES AT EACH JOINT.
 - *** COMPACTED SAND, ASTM 2321 CLASS II (SW OR SP) MIN. DENSITY 95% STANDARD PROCTOR (ASTM D1557) 2' MAX. LAYERS.
 - **** COMPACTED CLASS II BASE COURSE (610 LIMESTONE) MIN. DESITY 95% STANDARD PROCTOR (ASTM D1557)

PIPE BEDDING LIMESTONE

57 LIMESTONE		
U.S. SIEVE	METRIC SIEVE	PERCENT PASSING
1 1/2"	37.5 mm	100
1"	25 mm	95-100
3/4"	12.5 mm	25-60
#4	4.75 mm	0-10
#8	2.36 mm	0-5

MODIFIED 610 LIMESTONE

U.S. SIEVE	METRIC SIEVE	PERCENT PASSING
1 1/2"	37.5 mm	100
1"	25 mm	90-100
3/4"	19 mm	70-100
1/2"	12.5 mm	60-90
3/8"	9.5 mm	50-80
#4	4.75 mm	35-65
#40	425 μm	12-32
#200	75 μm	5-12



CIRCULAR PIPE DRAIN LINES
N.T.S.

DRAIN LINE BEDDING AND BACKFILL DETAILS FOR RCP & RCPA

DRAIN LINE BEDDING NOTES:

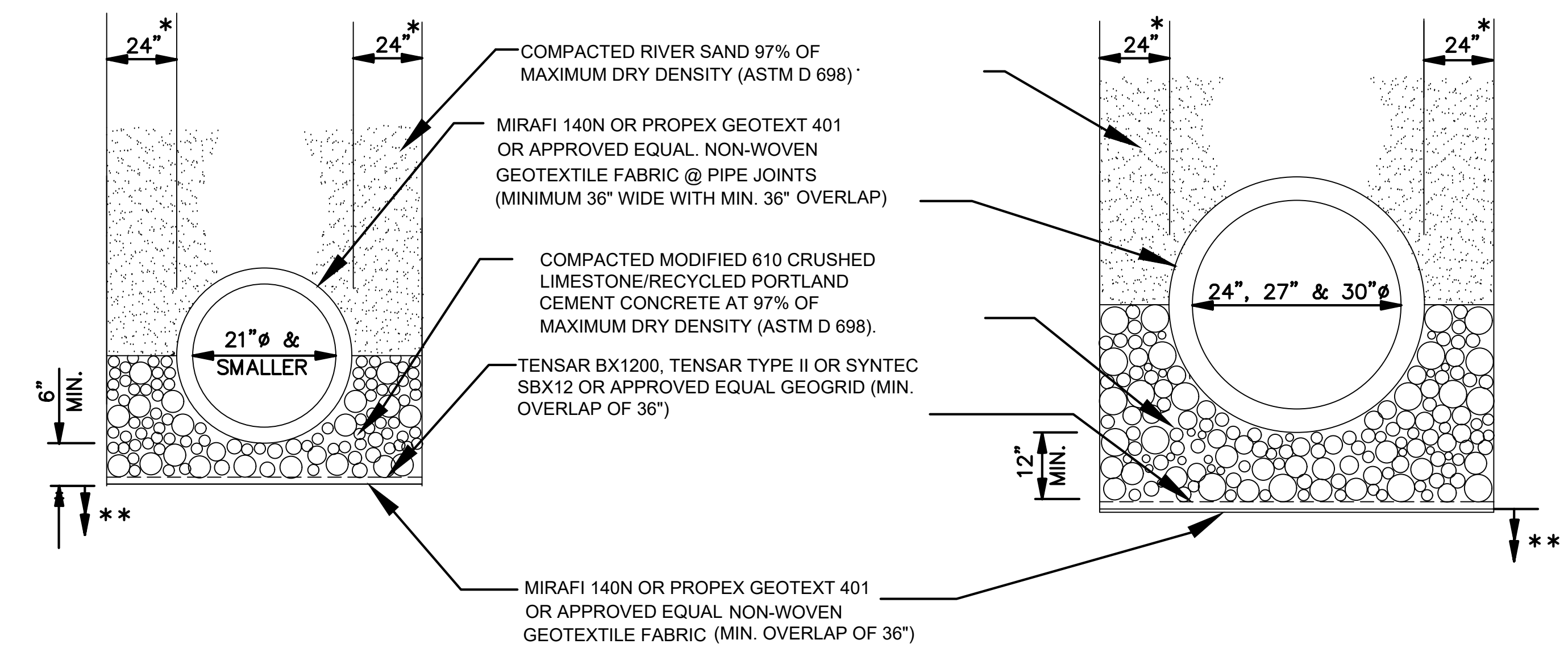
THE DEPARTMENT OF PUBLIC WORKS RESERVES THE RIGHT TO MODIFY PIPE BEDDING REQUIREMENTS IN ACCORDANCE WITH EXISTING FIELD CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

ALL CONCRETE PIPE SHALL BE A.S.T.M. C-76 CLASS III, WALL B, REINFORCED CONCRETE PIPE WITH TYPE 2 JOINT, AND WRAPPED WITH AN 36" PLASTIC FILTER CLOTH (D.O.T.D. SPEC. 1019) CENTERED ON THE JOINT AND LAPPED 36". REJECT PIPE, COMMONLY CALLED "SECONDS", WILL NOT BE ACCEPTABLE. (N.D.P.)

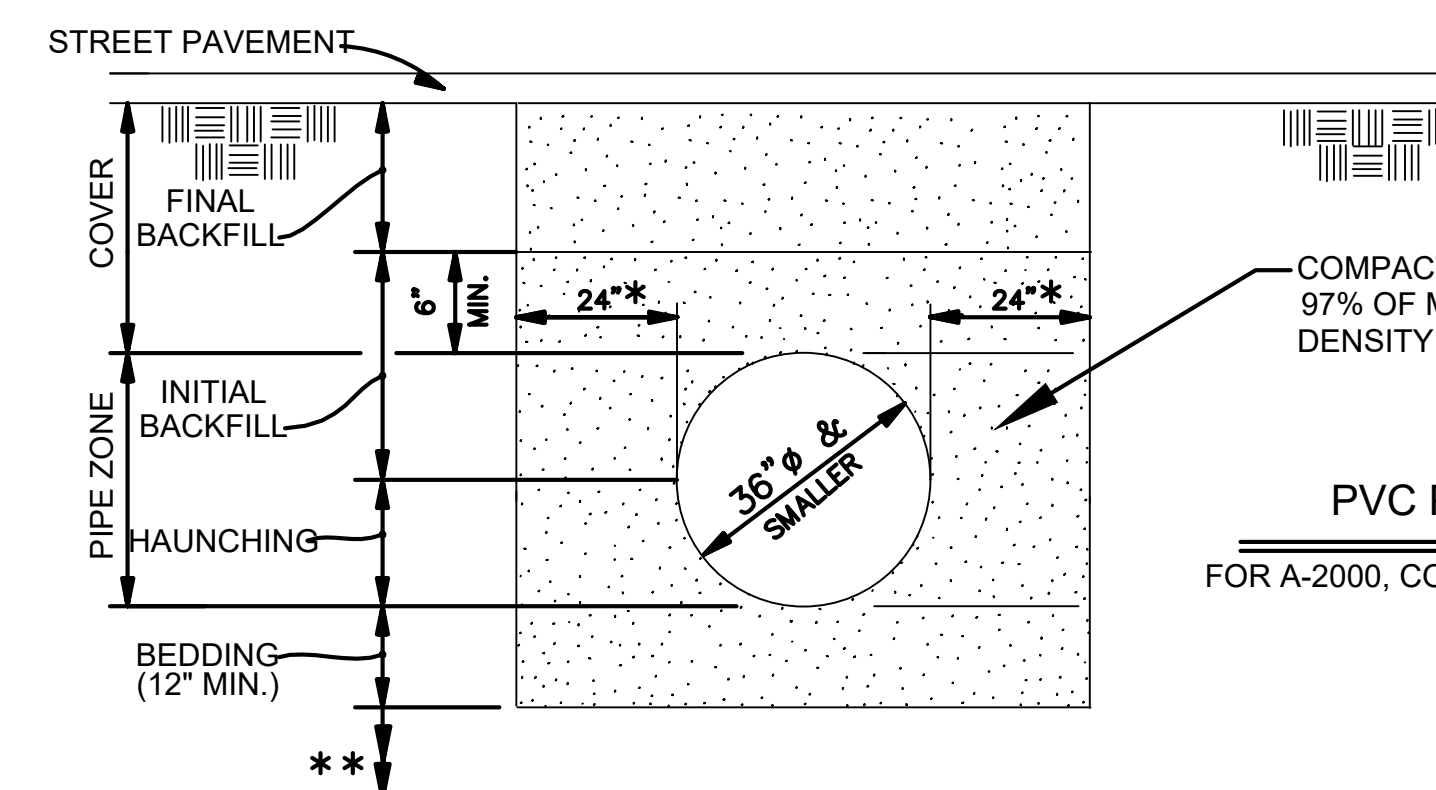
MINIMUM COVER REQUIREMENTS TO BE 12" FOR DRAIN LINES LOCATED WITHIN ROADWAY AND 18" FOR DRAIN LINES LOCATED OUTSIDE OF ROADWAY.

SHEETING IS AT THE OPTION OF THE CONTRACTOR. NO TIMBER SHEETING IS TO BE PULLED FROM THE GROUND. TIMBER SHEETING, WHEN USED, SHALL BE CUT OFF TO A MINIMUM OF 3' BELOW GRADE AND LEFT IN PLACE.

JOINT SHALL BE WRAPPED WITH A 36" WIDE GEOTEXTILE FABRIC (D.O.T.D. SPEC. 1019) CENTERED ON THE JOINT AND LAPPED 36". REJECT PIPE, COMMONLY CALLED "SECONDS", WILL NOT BE ACCEPTABLE. (N.D.P.)



SMALL (RCP) & [RCPA] PIPE TRENCH DETAILS
N.T.S.



PVC PIPE DRAIN LINE STANDARD TRENCH DETAIL
FOR A-2000, CORR-21, AND ULTRA CORR PVC PIPE (ASTM F-794 AND ASTM D2321) N.T.S.

MIN. COVER (PVC PIPE)	PAVEMENT TYPE
12"	CONCRETE
18"	ASPHALT
24"	NON-PAVED

PROJECT NAME :

PROJECT NUMBER:

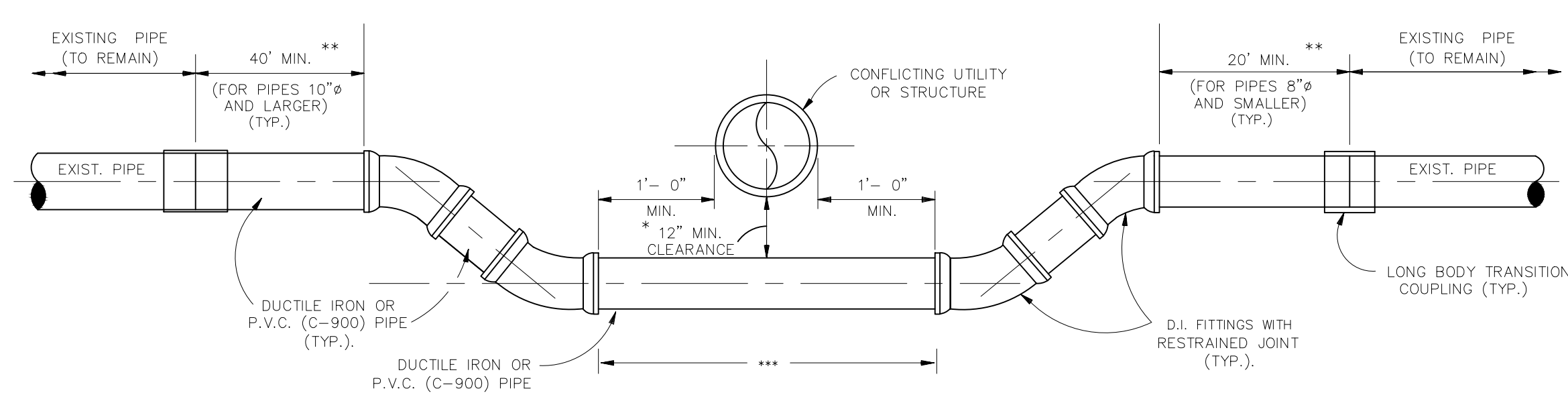
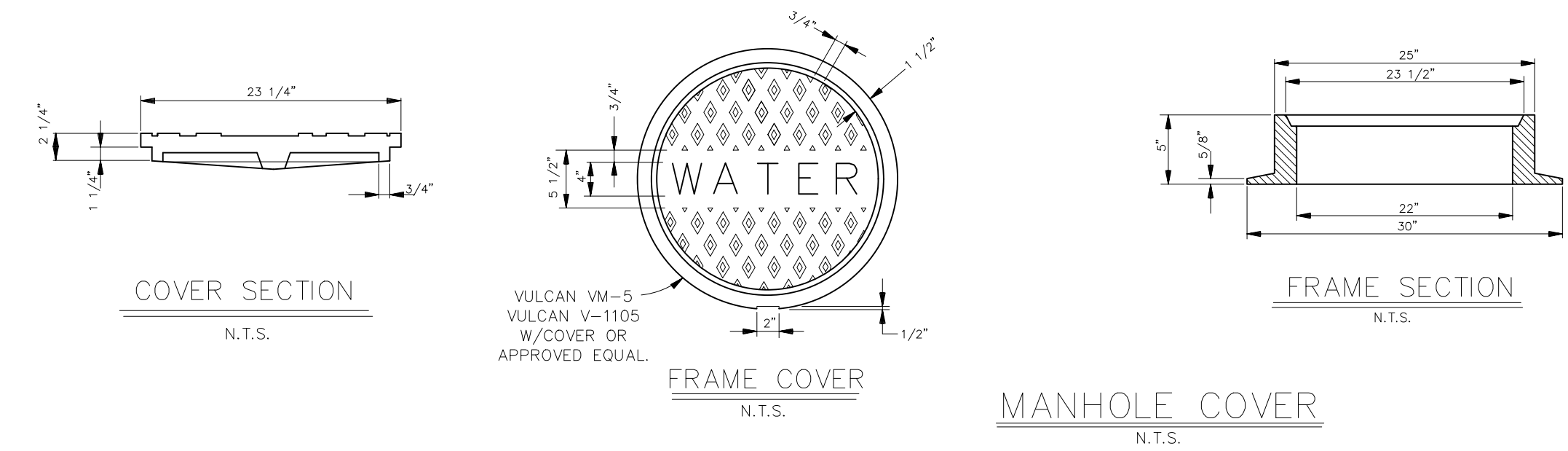


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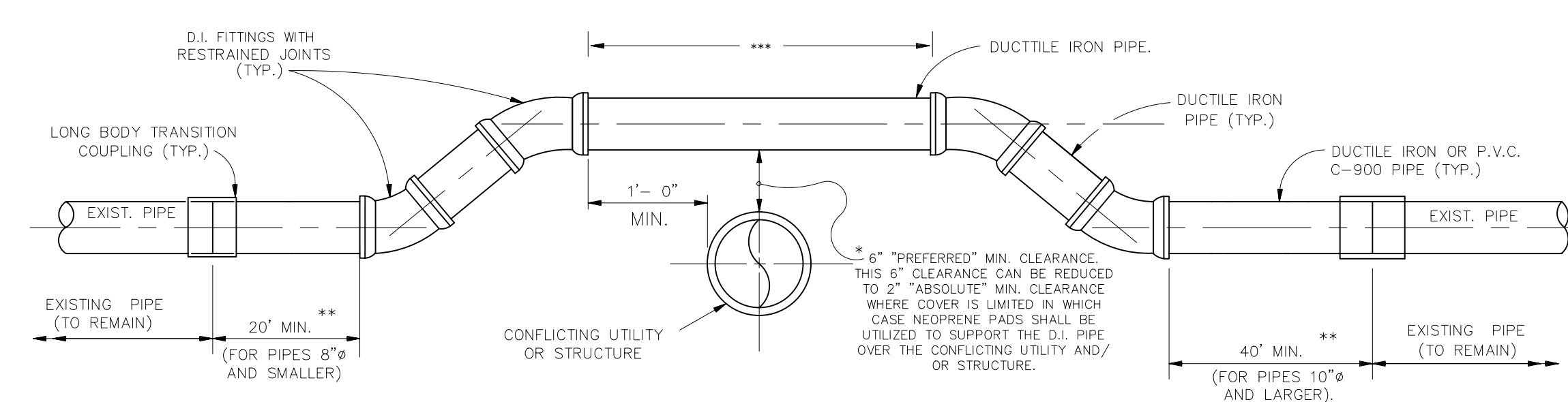
ST. BERNARD PARISH GOVERNMENT
STANDARD DETAIL PLANS
DRAIN LINE BEDDING AND BACKFILL DETAILS

APPROVED BY: _____
DRAWING NUMBER: SD - 8

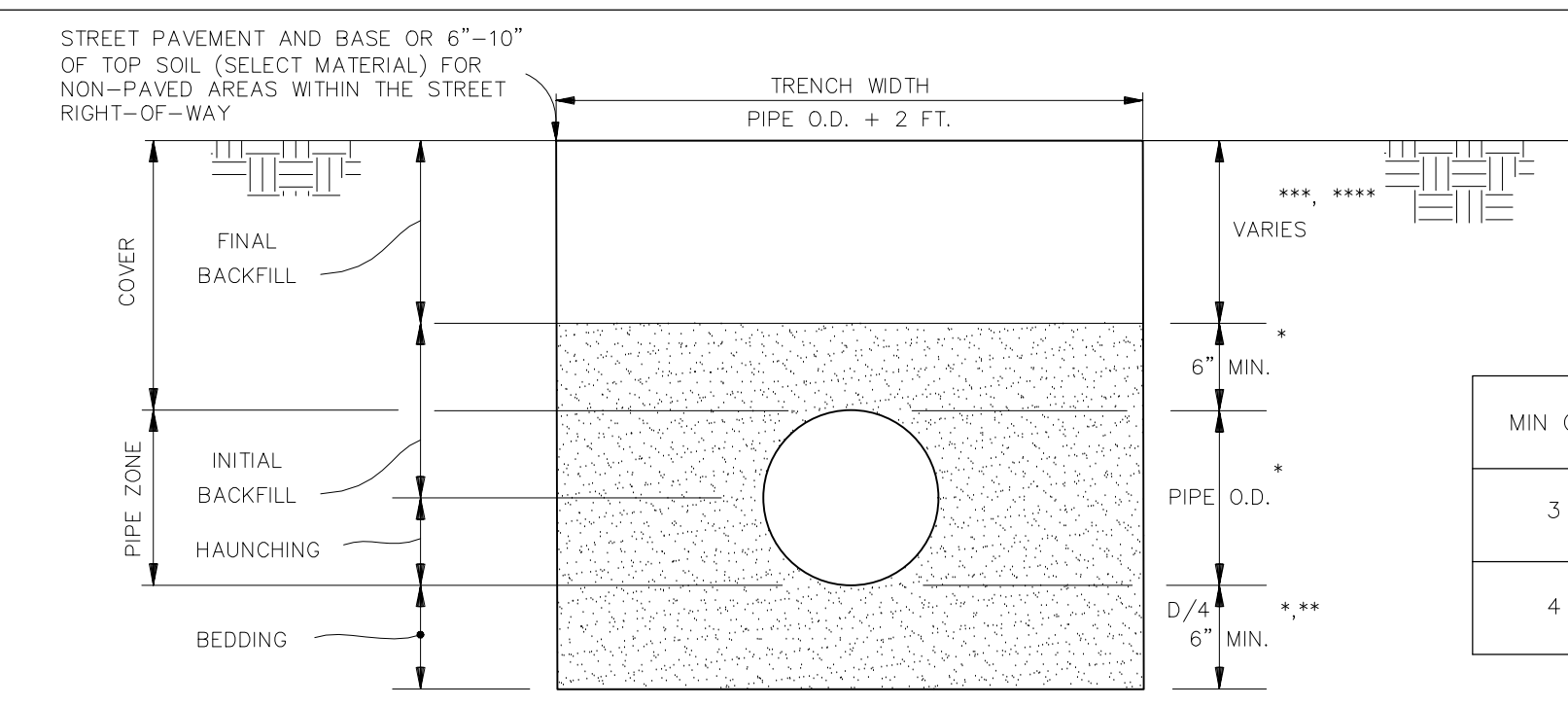
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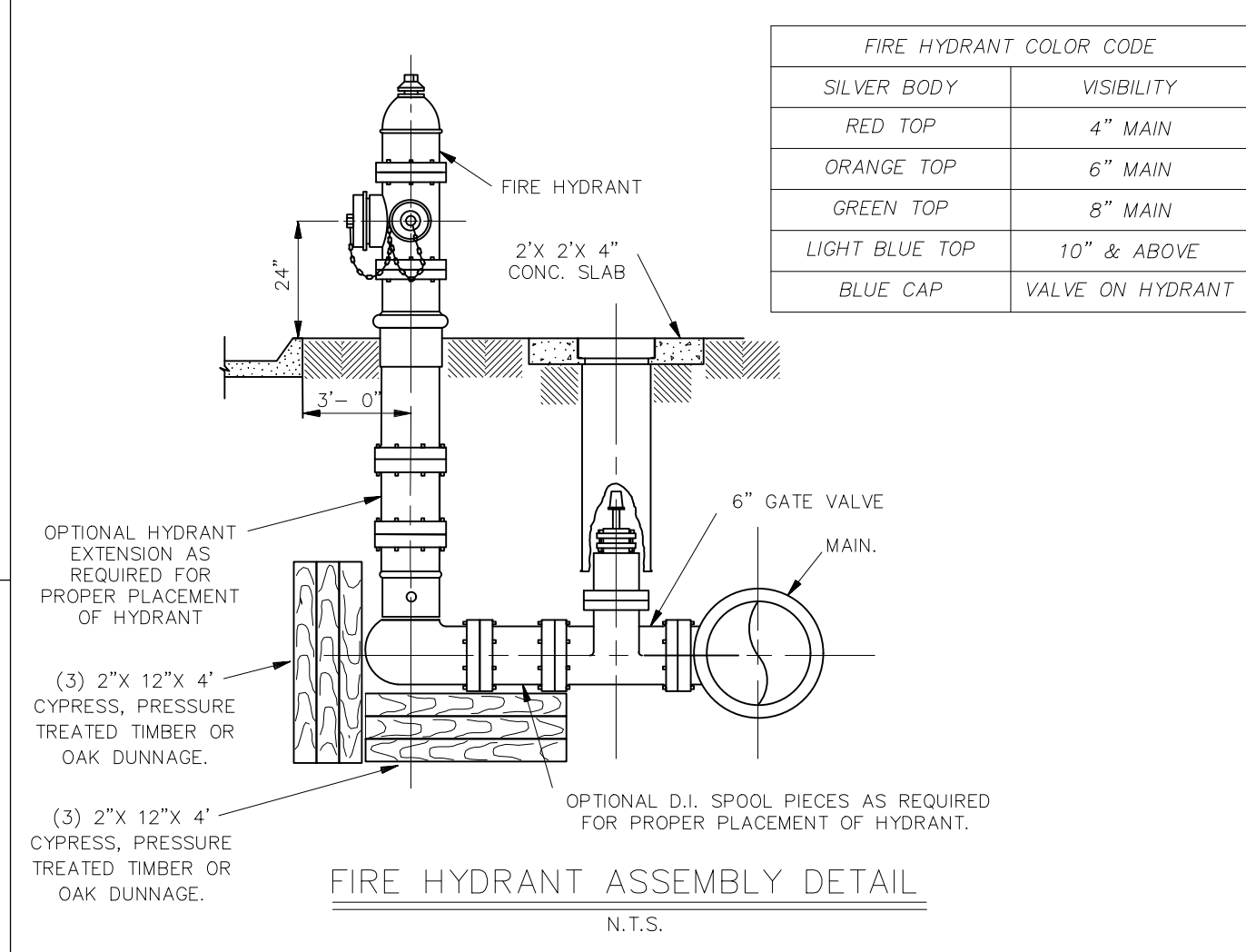
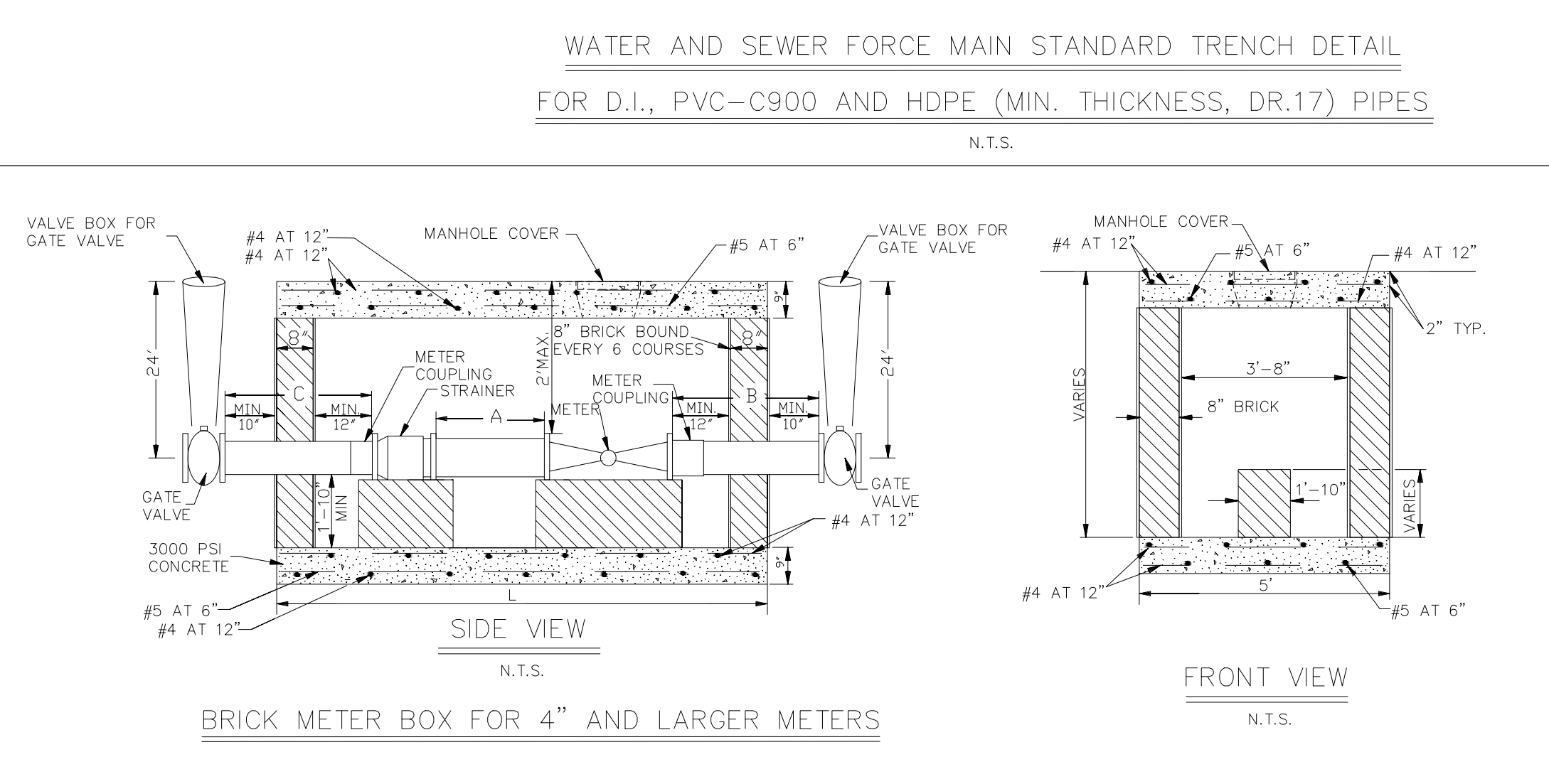
EXCEPTION: MINIMUM CLEARANCE SHALL BE 18" BETWEEN POTABLE WATER AND SANITARY SEWER LINES.
 **REQUIRED MIN. RESTRAINED LENGTH.
 ***ANY LENGTH OF DUCTILE IRON PIPE OR P.V.C. PIPE OVER 20' WILL BE PAID FOR UNDER THE UNIT PRICE FOR DUCTILE IRON PIPE OR P.V.C. PIPE. (20' MAX. INCLUDED IN OFFSET PRICE)



* EXCEPTION: MINIMUM CLEARANCE SHALL BE 18" BETWEEN POTABLE WATER AND SANITARY SEWER LINES.
 ** REQUIRED MIN. RESTRAINED LENGTH.
 *** ANY LENGTH OF DUCTILE IRON PIPE OVER 20' WILL BE PAID FOR UNDER THE UNIT PRICE FOR DUCTILE IRON PIPE (20' MAX. INCLUDED IN OFFSET PRICE).

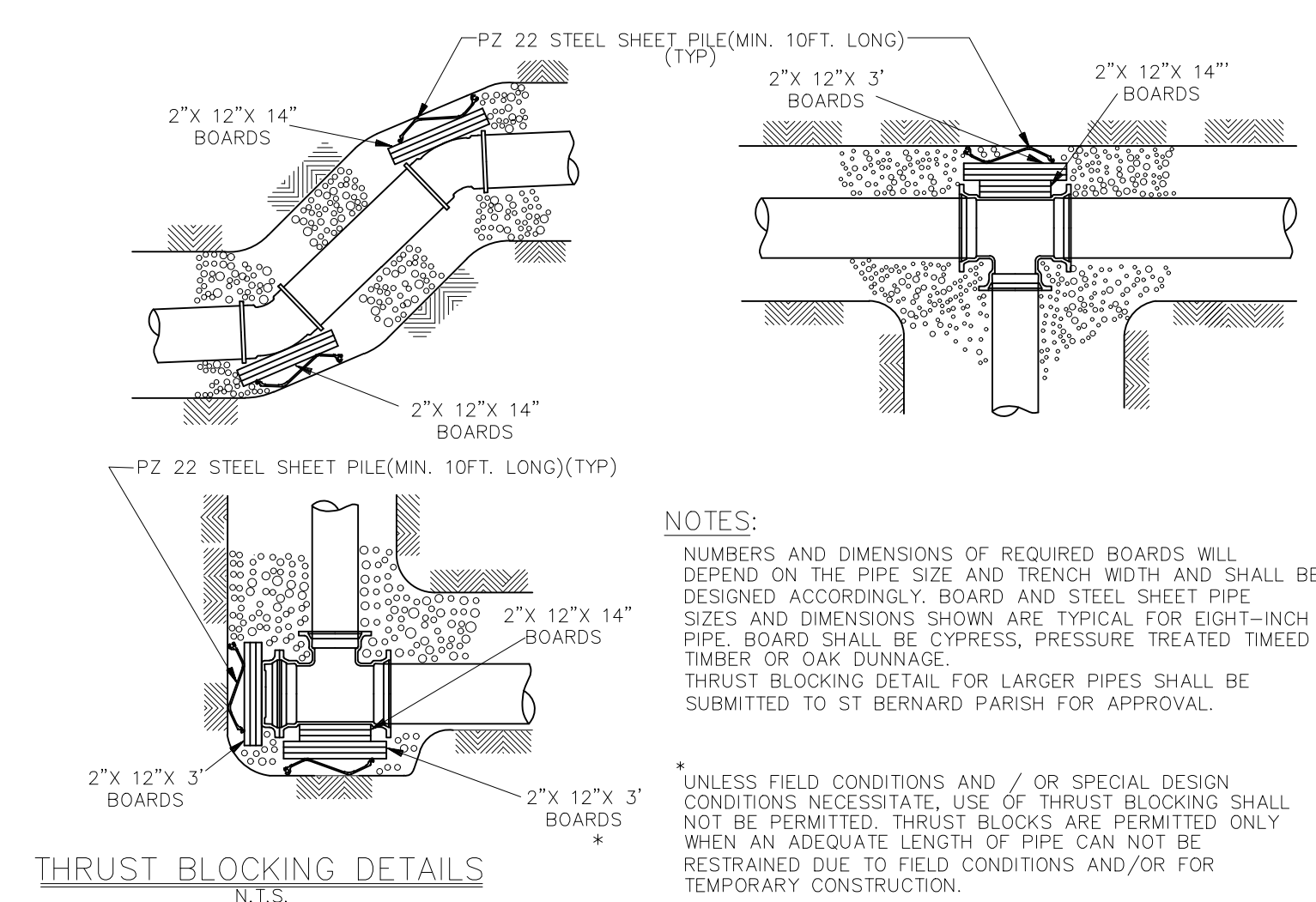


- NOTES:**
- COMPACTED SAND, ASTM 2321 CLASS II (SW OR SP) MIN. DENSITY 90% STANDARD PROCTOR (ASTM D698) 6" MAX. LAYERS.
 - PROVIDE BELL HOLES AT EACH JOINT.
 - SELECT EXCAVATED MATERIAL FREE OF STUMPS, DEBRIS AND VOIDS (CANAL BANKS AND DITCHES ONLY).
 - RIVER SAND WITHIN THE STREET RIGHT-OF-WAY MIN. DENSITY 95% STANDARD PROCTOR (ASTM D698)
- NOTES:**
1. WHERE GROUND WATER OR UNSTABLE TRENCH BOTTOM EXISTS, TRENCH BOTTOM SHALL BE STABILIZED (ASTM D3232) TO PROVIDE A WORKING PLATFORM.
 2. TRENCH DETAIL SHOWN WILL BE MIN. REQUIREMENTS TO SAFEGUARD THE INTEGRITY OF THE WATERLINE. INSTALLATION AT HEREIN-SPECIFIED DEPTHS. THE CONTRACTOR SHALL PROVIDE SUFFICIENT SHEETING AND BRACING TO PROVIDE SAFE WORKING CONDITIONS FOR HIS WORKMEN.



FIRE HYDRANT COLOR CODE

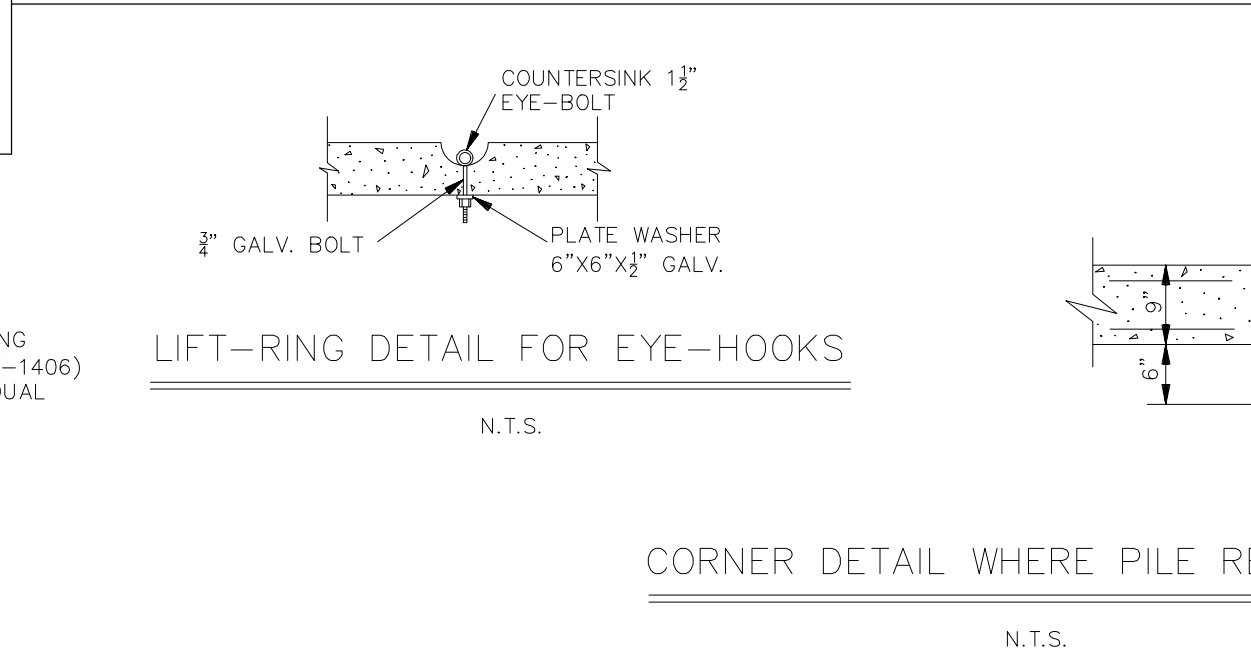
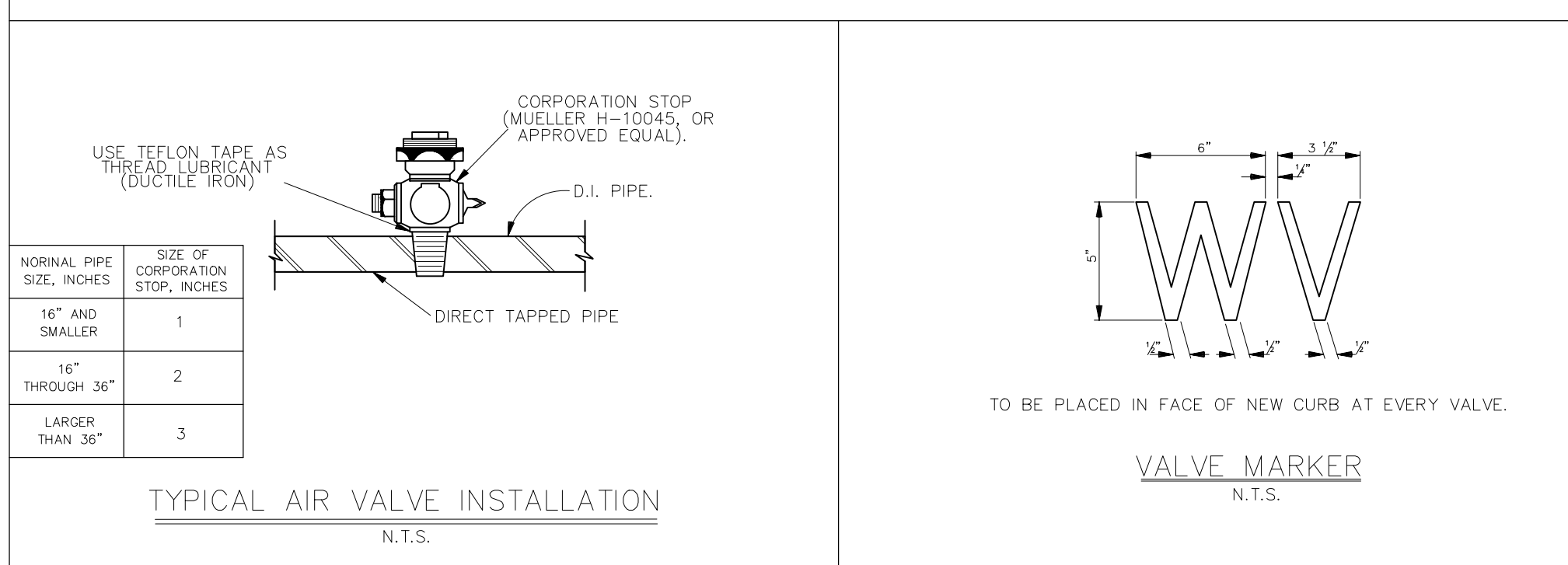
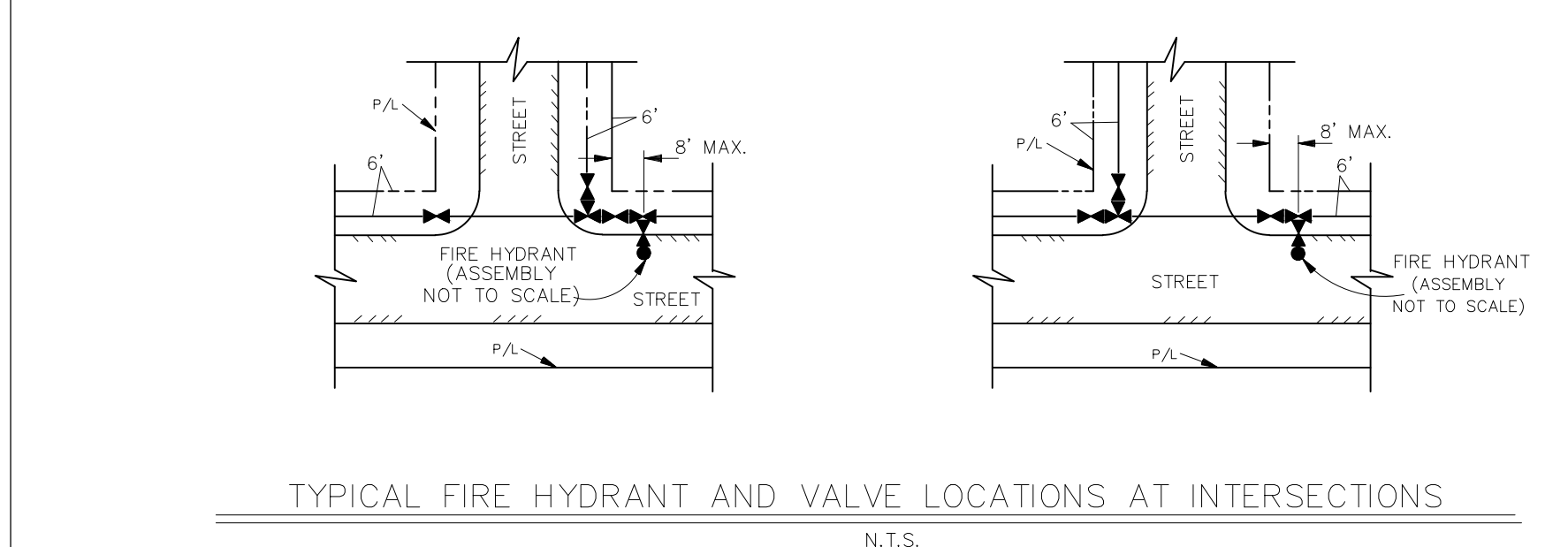
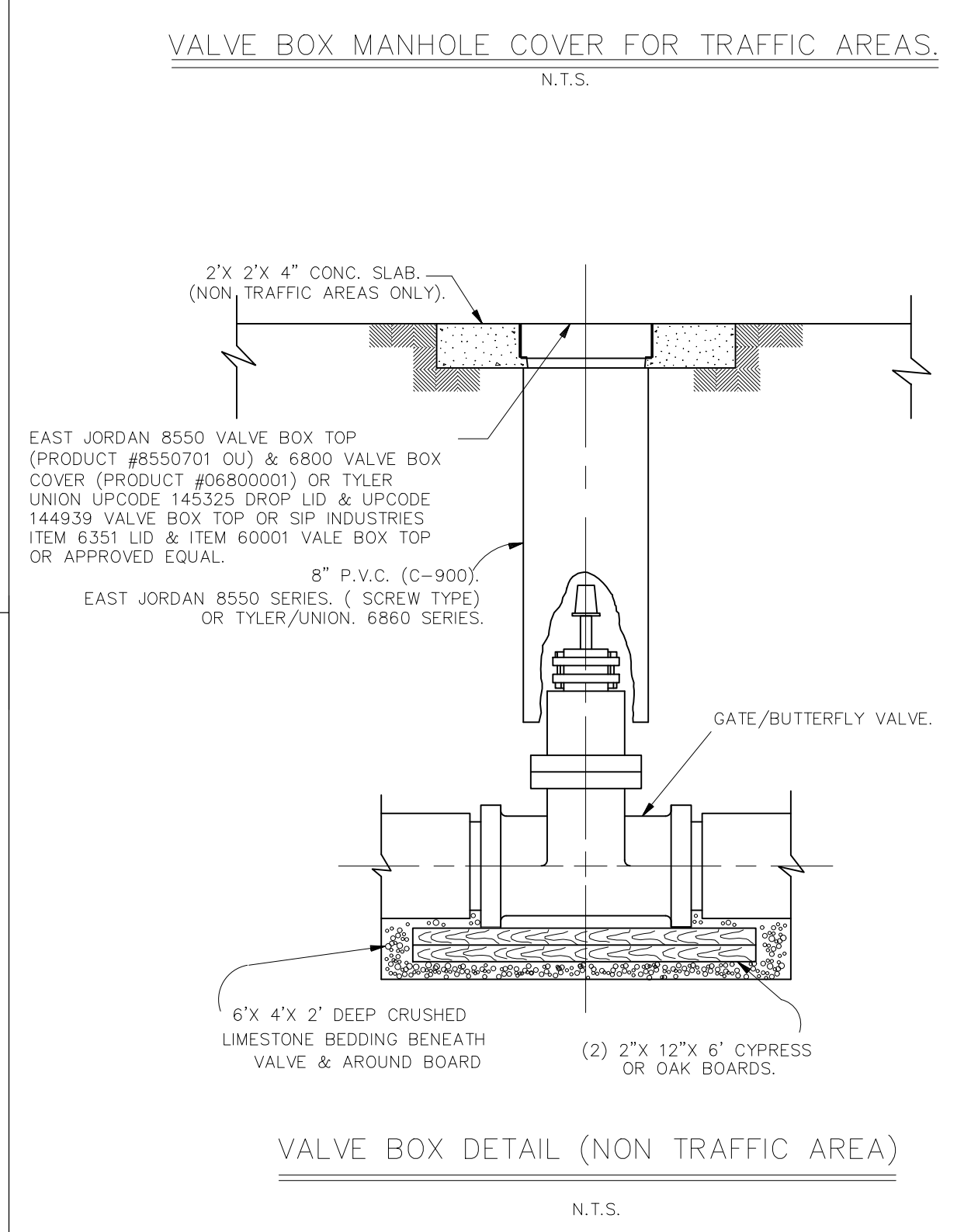
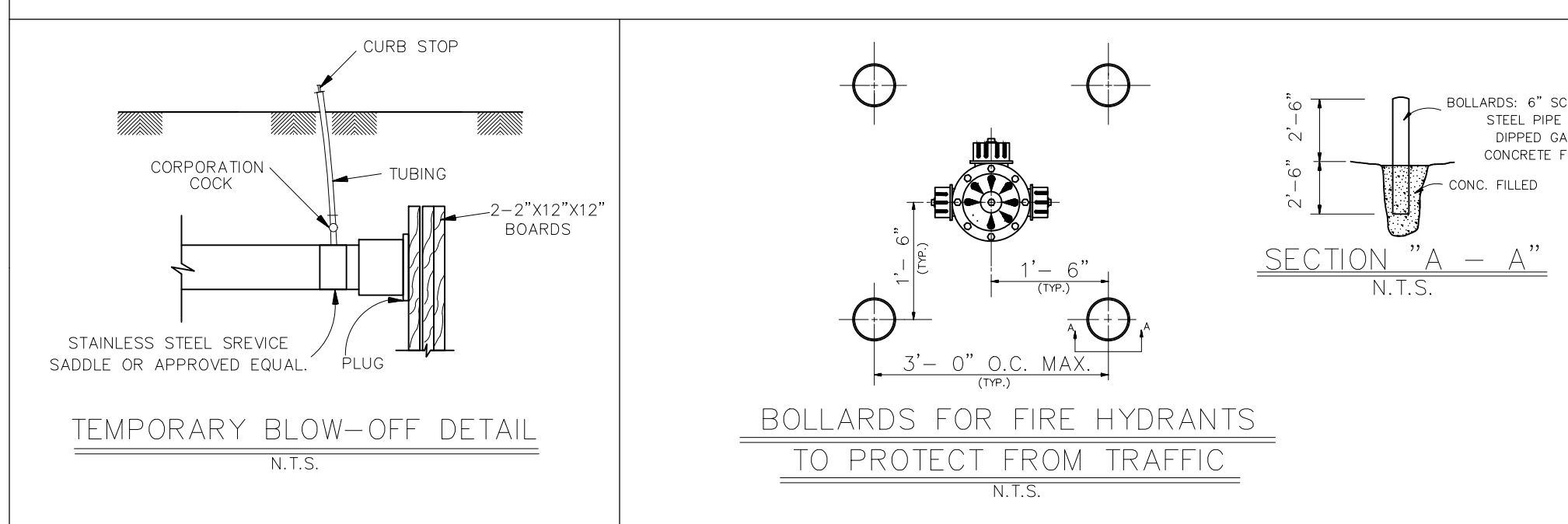
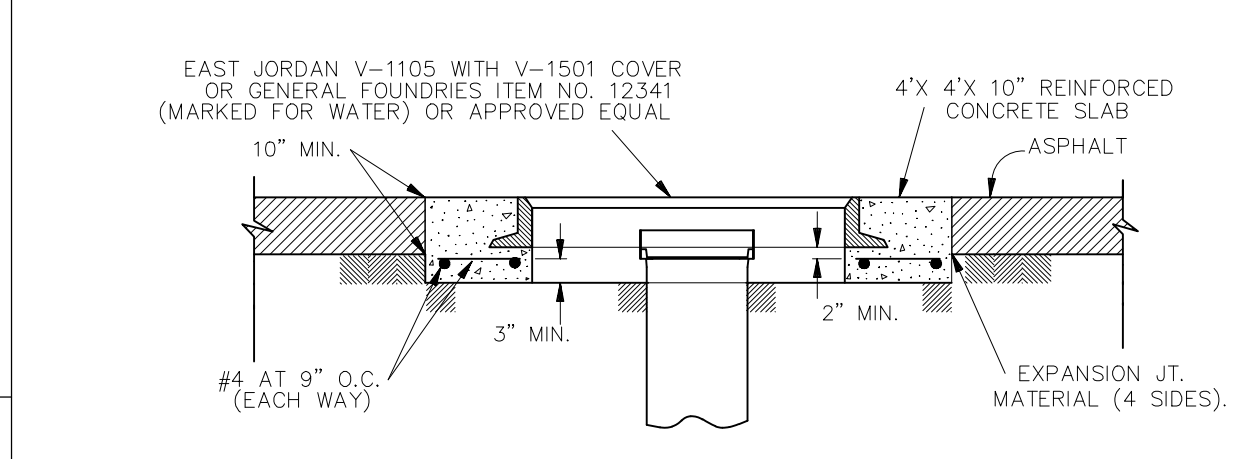
SILVER BODY	VISIBILITY
RED TOP	4" MAIN
ORANGE TOP	6" MAIN
GREEN TOP	8" MAIN
LIGHT BLUE TOP	10" & ABOVE
BLUE CAP	VALVE ON HYDRANT



NOTES:

NUMBERS AND DIMENSIONS OF REQUIRED BOARDS WILL DEPEND ON THE PIPE SIZE AND TRENCH WIDTH AND SHALL BE DESIGNED ACCORDINGLY. BOARD AND STEEL SHEET PIPE SIZES AND DIMENSIONS SHOWN ARE TYPICAL FOR EIGHT-INCH PIPE. BOARD SHALL BE CYPRESS, PRESSURE TREATED TIMBER OR OAK DUNNAGE. THRUST BLOCKING DETAIL FOR LARGER PIPES SHALL BE SUBMITTED TO ST BERNARD PARISH FOR APPROVAL.

UNLESS FIELD CONDITIONS AND / OR SPECIAL DESIGN CONDITIONS NECESSITATE, USE OF THRUST BLOCKING SHALL NOT BE PERMITTED. THRUST BLOCKS ARE PERMITTED ONLY WHEN AN ADEQUATE LENGTH OF PIPE CAN NOT BE RESTRAINED DUE TO FIELD CONDITIONS AND/OR FOR TEMPORARY CONSTRUCTION.



PRECAST METER BOX OPTION SPECIFICATIONS:

- SELF CONSOLIDATING CONCRETE CORPONENTAINING ADMIXTURES MEETING ASTM C494 TYPE A TO ENSURE UNIFORM SUSPENSION OF AGGREGATE THROUGHOUT.
- CONCRETE STRENGTH - 5000 PSI (MIN.) @ 28 DAYS
- REINFORCING STEEL: #4, 5, AND 6 BARS PER ASTM A-615, GRADE 60
- ASTM-A48 C-35 H-20/AASHTO M-306.
- LIFTING ANCHOR BY A.L.PATTERSON, INC. MODEL#LU646 (OR APPROVED EQUAL) WITH MINIMUM SAFE WORKING LOAD OF 4,460 LBS PER ANCHOR.
- SHOP DRAWINGS MUST BE SUBMITTED TO ST BERNARD PARISH FOR APPROVAL.

METER SIZE	APPROXIMATE METER LENGTH (N.)	APPROXIMATE STRAINER LENGTH (N.)	MIN A (N.)	MIN B (N.)	MIN C (N.)	MIN L (N.)
4"	20	20	20	30	30	98
6"	24	24	30	30	30	116
8"	30	30	40	40	30	143

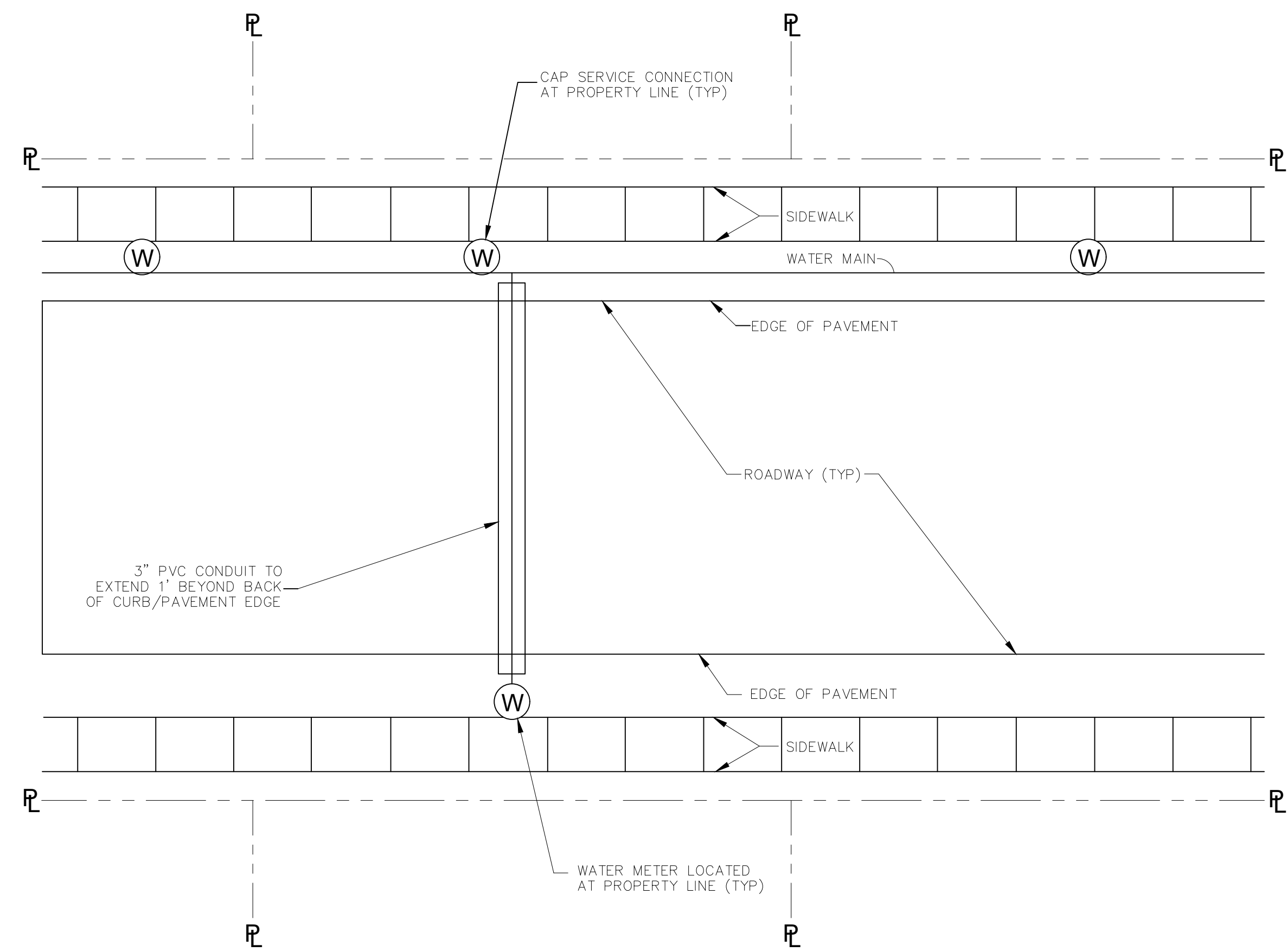


PROJECT NAME :
ST. BERNARD PARISH GOVERNMENT
STANDARD DETAIL PLANS
WATER STANDARD DETAILS

PROJECT NUMBER :

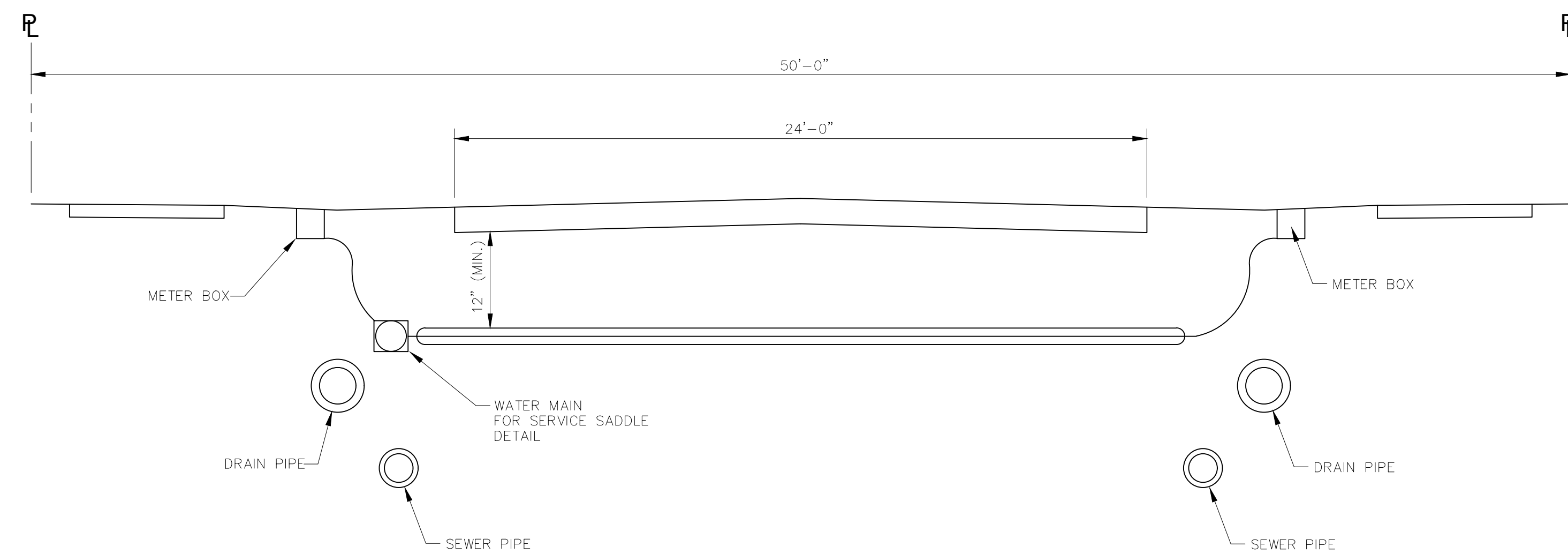
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SD - 10
SHEET 10 OF 16



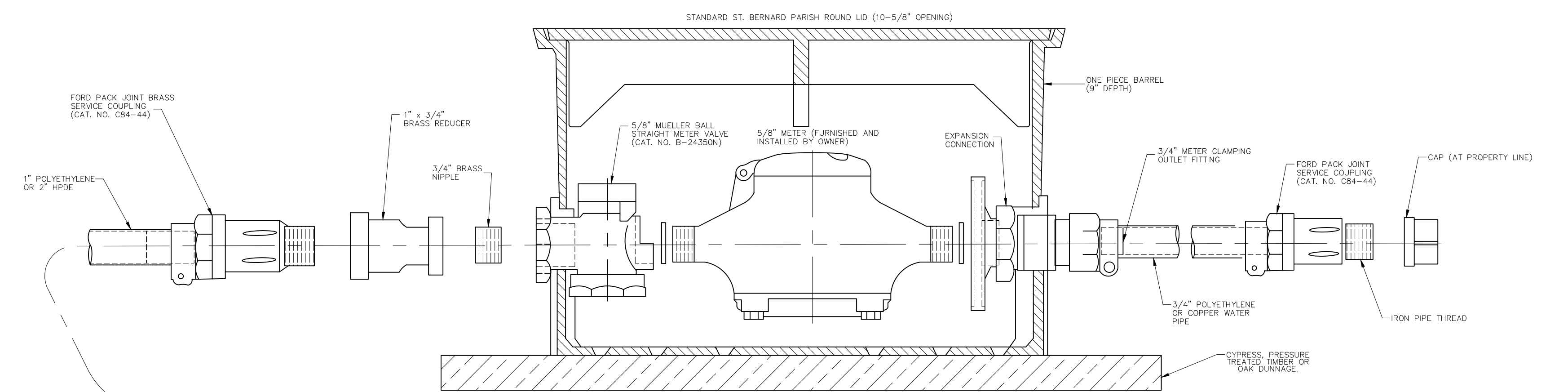
TYPICAL WATER SERVICE CONNECTION PLAN

N.T.S.



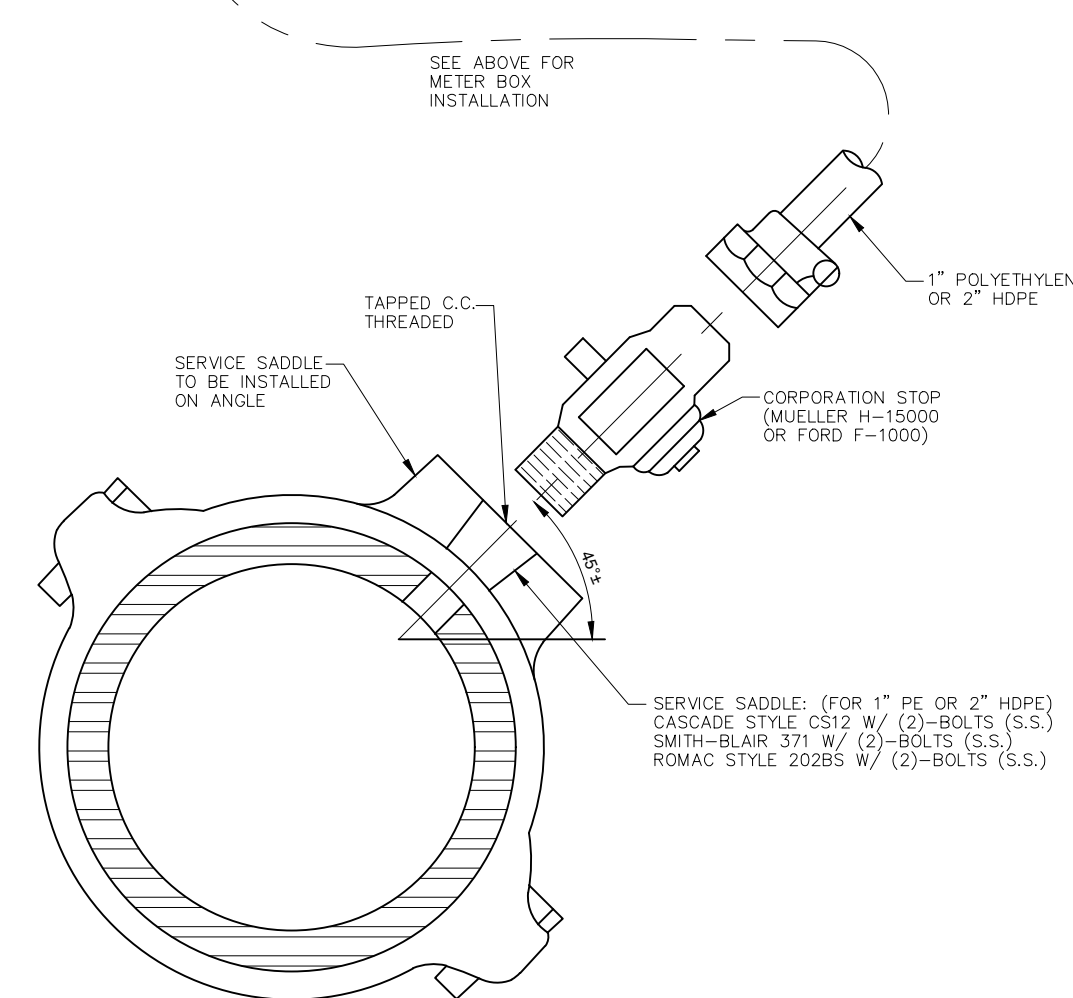
TYPICAL UTILITY SECTION

N.T.S.



5/8" METER BOX INSTALLATION

N.T.S.

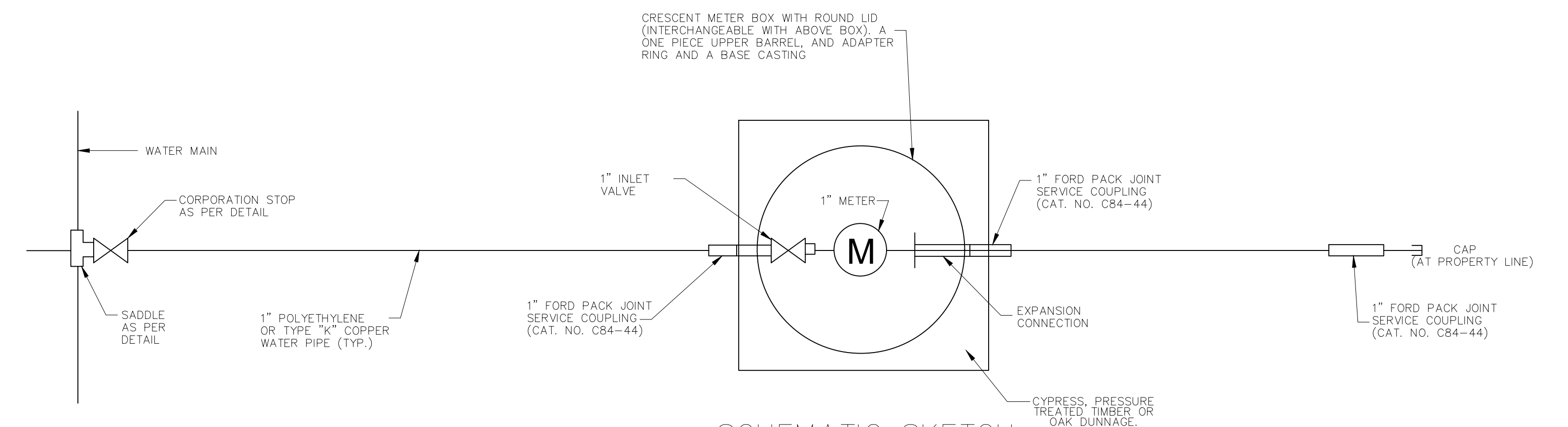


SERVICE SADDLE

N.T.S.

NOTES:

1. TUBING MATERIAL SHALL BE TYPE "K" COPPER OR POLYETHYLENE PR3408 AND SHALL CONFORM TO THE LATEST ISSUE OF ASTM D-2727 AND D-1248 FOR TYPE 3 OR 4 GRADE P-34 CLASS "C"
2. WATER SERVICE CONNECTION TO BE NEAR CENTERLINE OF LOT, MIN. OF 5' HORIZONTALLY FROM SEWER SERVICE CONNECTION.
3. ALL FITTING, CONNECTORS, CORPORATION STOPS AND APPURTENANCES SHALL BE OF DOMESTIC MANUFACTURE, SHALL BE MADE OF LEAD FREE MATERIALS, AND MEET ALL REQUIREMENTS OF AWWA, ASTM AND ANSI FOR USE IN THE POTABLE WATER DISTRIBUTION SYSTEMS.



SCHEMATIC SKETCH
1" WATER METER SERVICE CONNECTION

N.T.S.

PROJECT NAME :

PROJECT NUMBER:

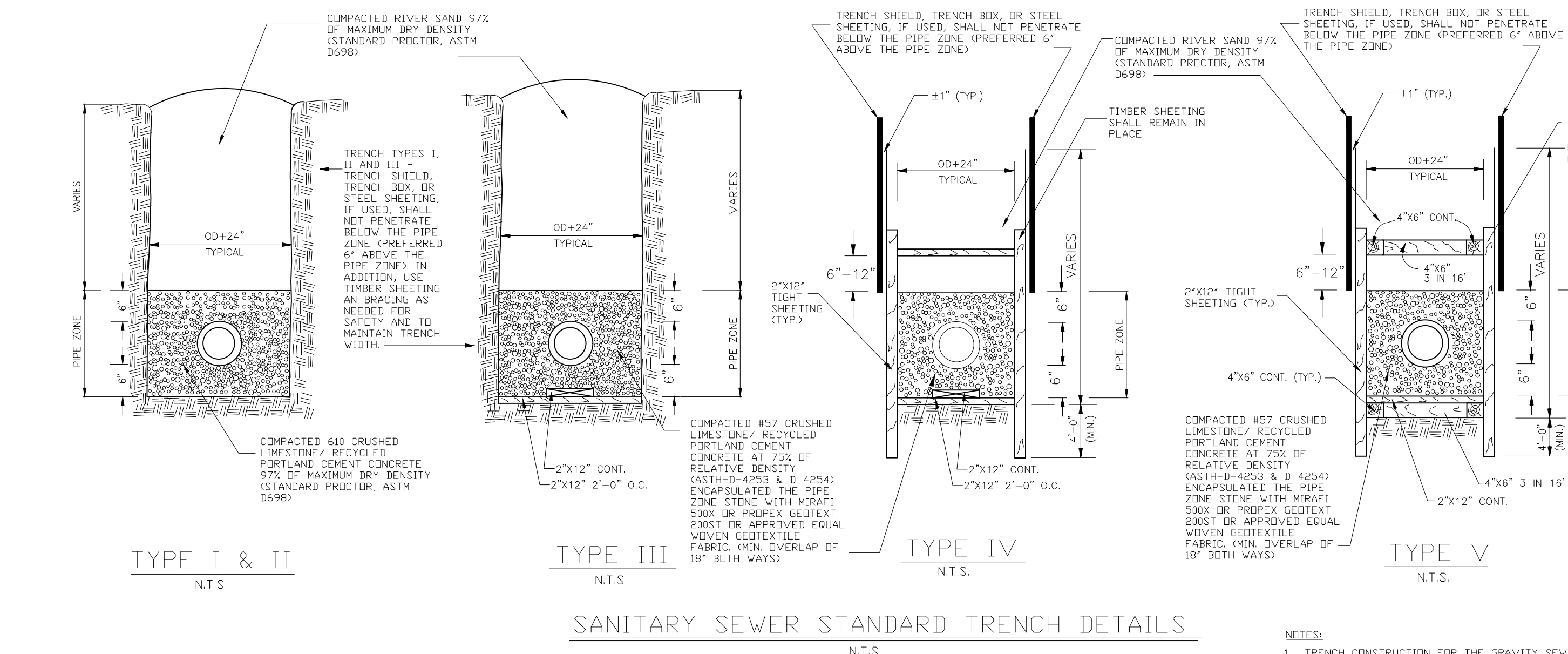
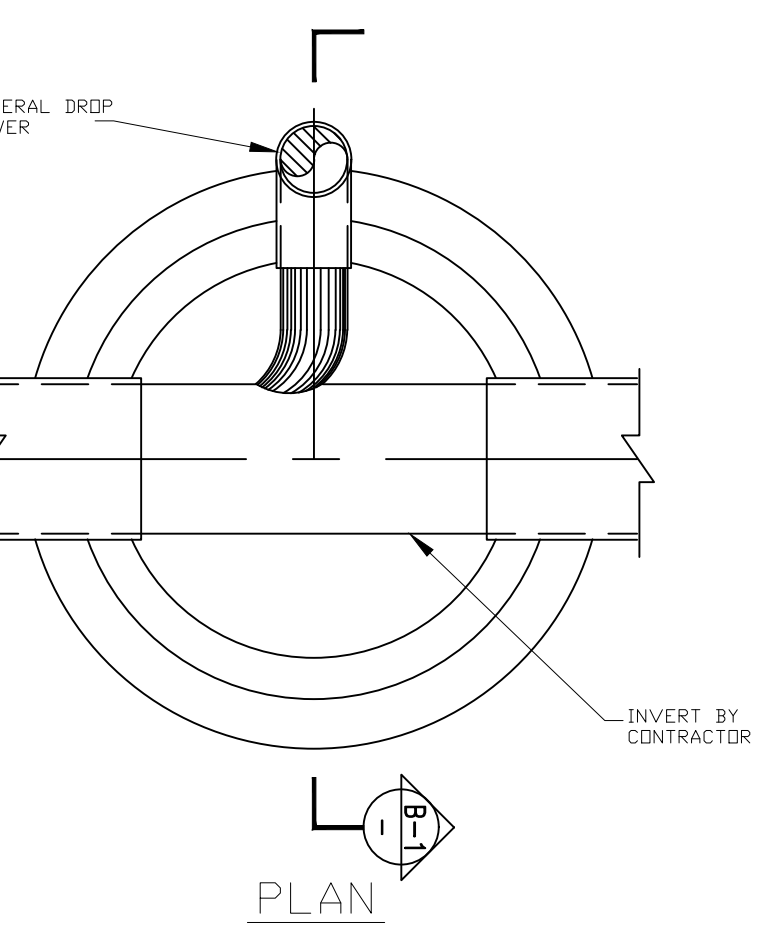
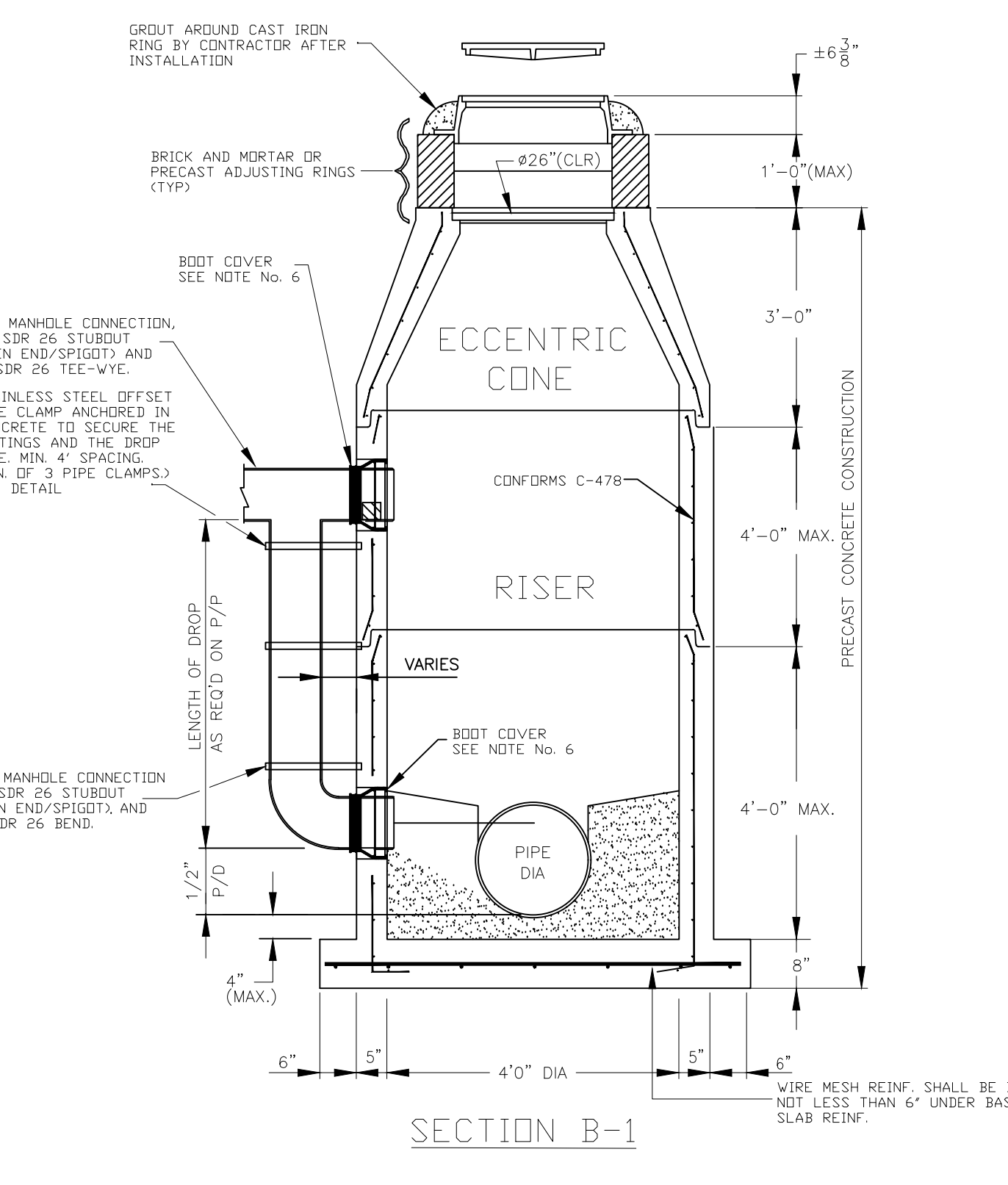
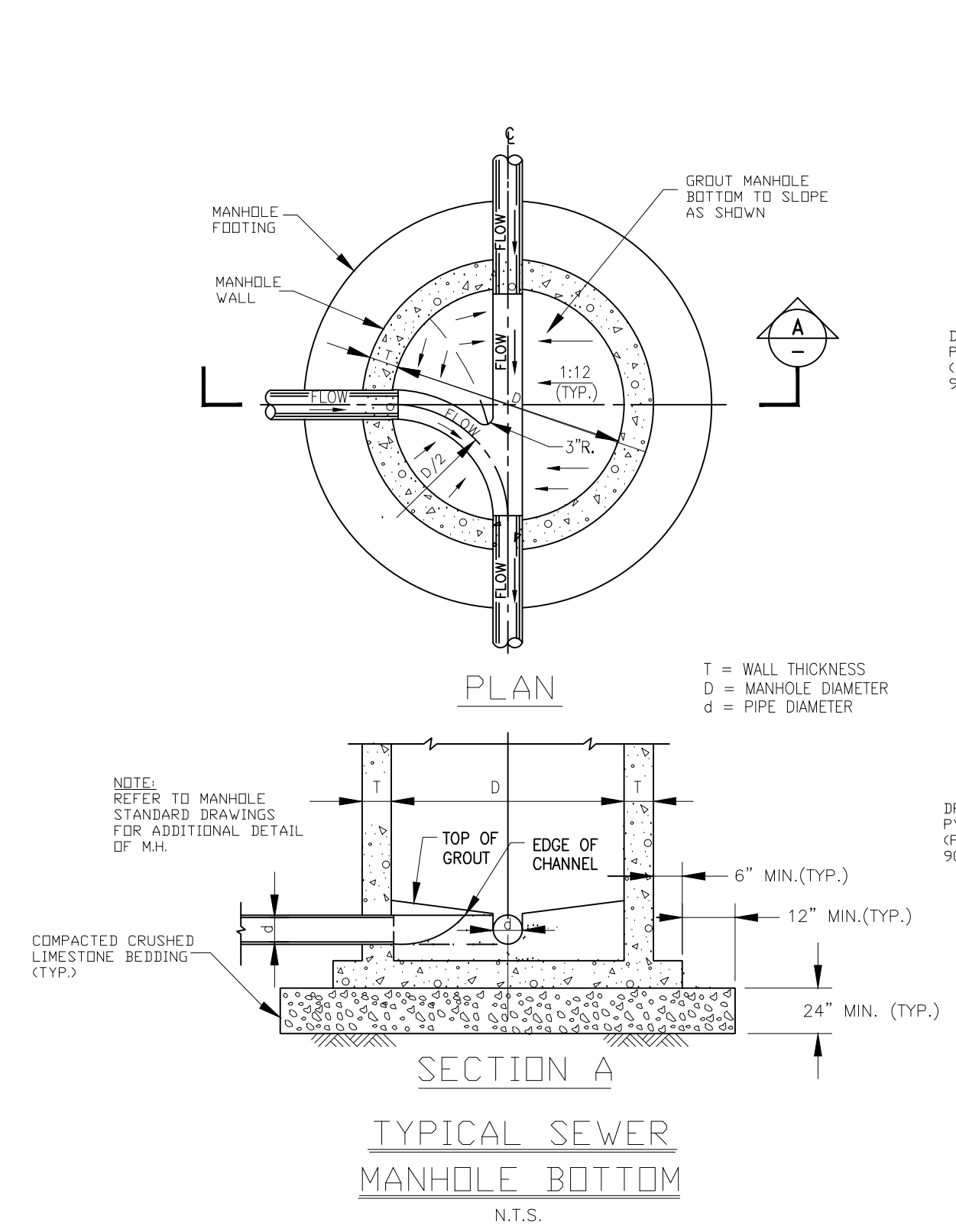


DATE: 08.09.2019
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ST. BERNARD PARISH GOVERNMENT
STANDARD DETAIL PLANS
WATER SERVICE DETAILS

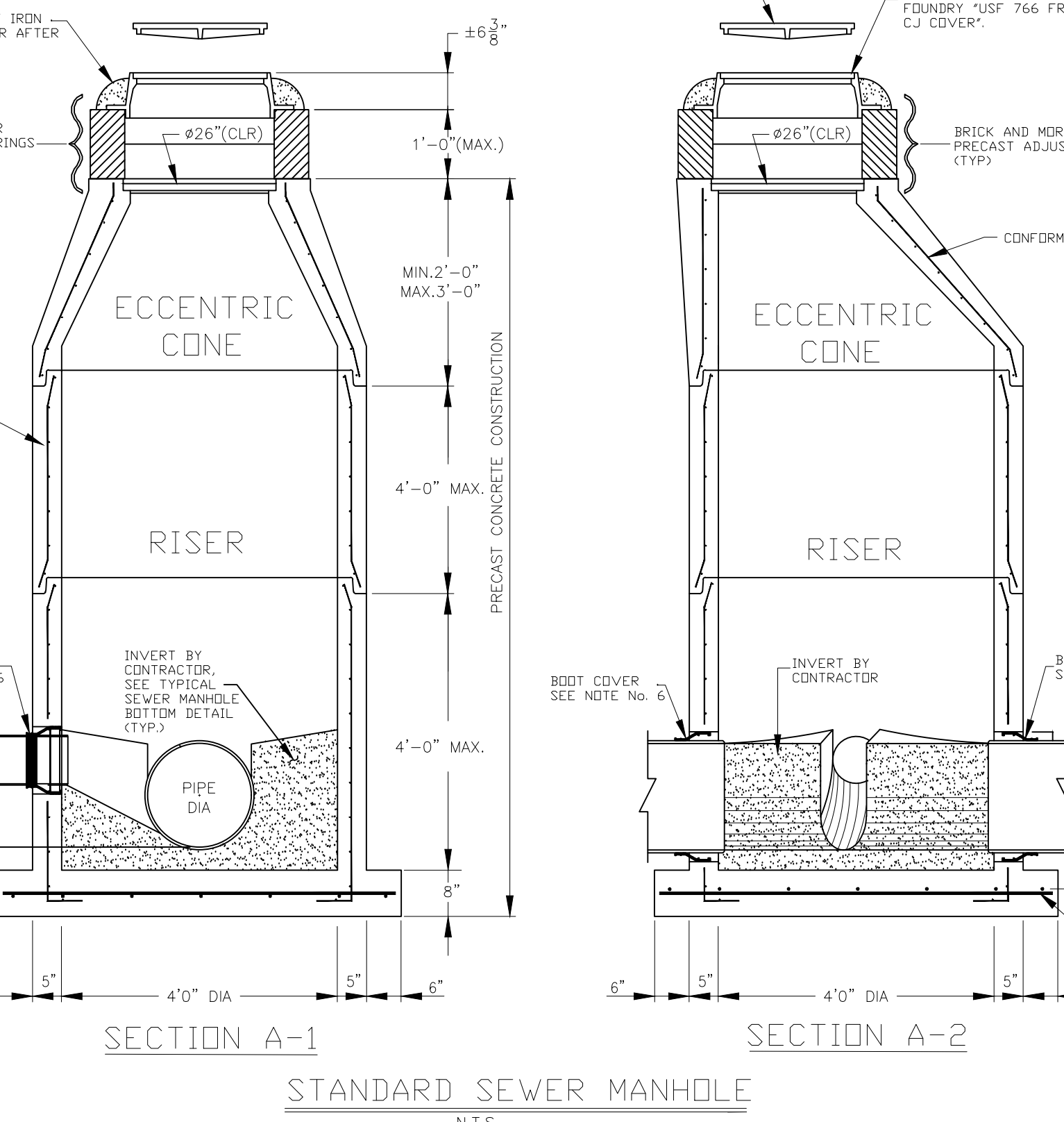
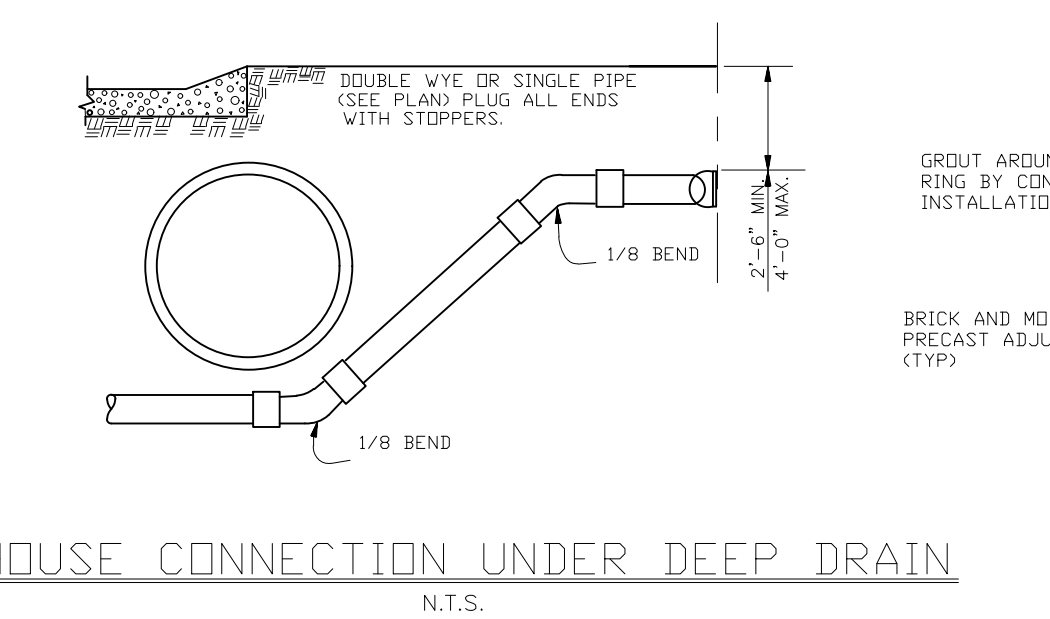
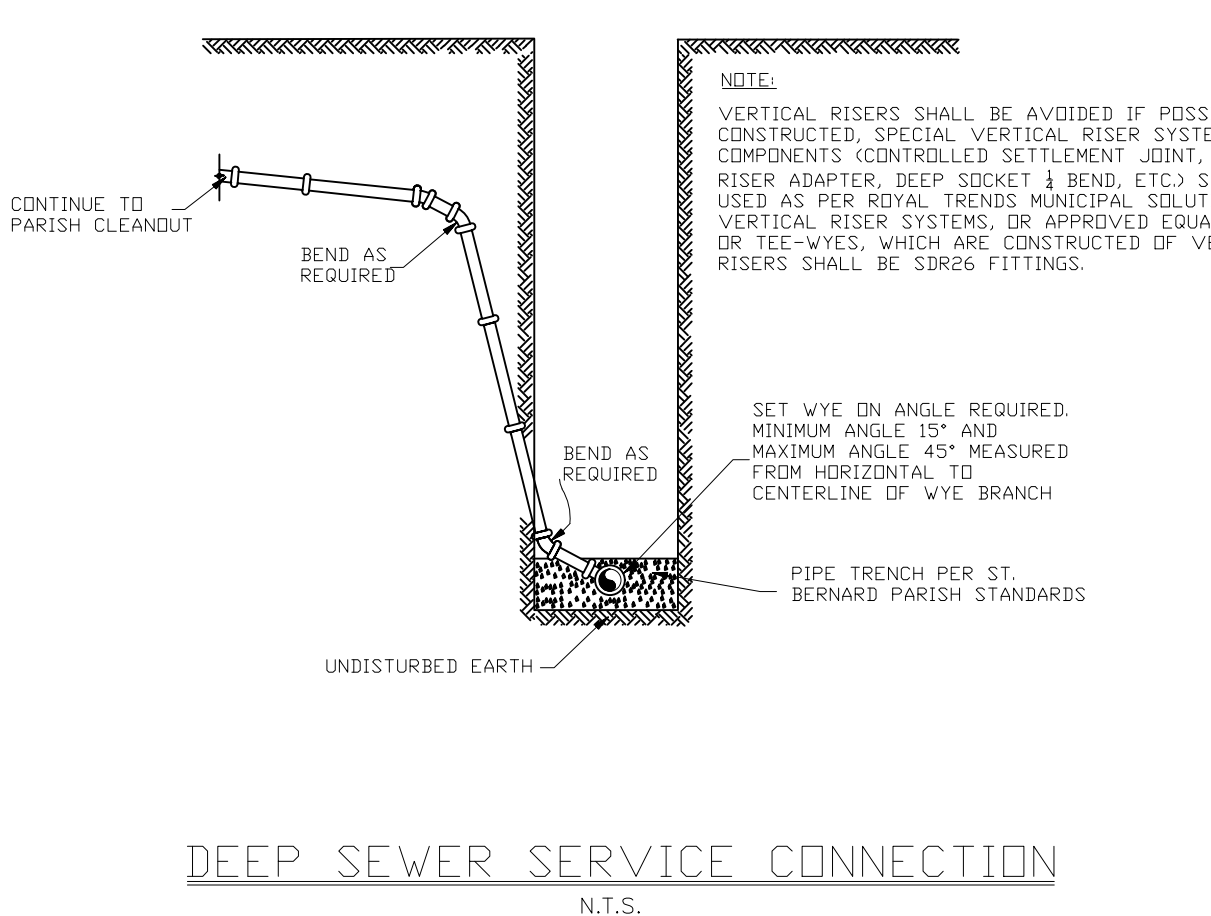
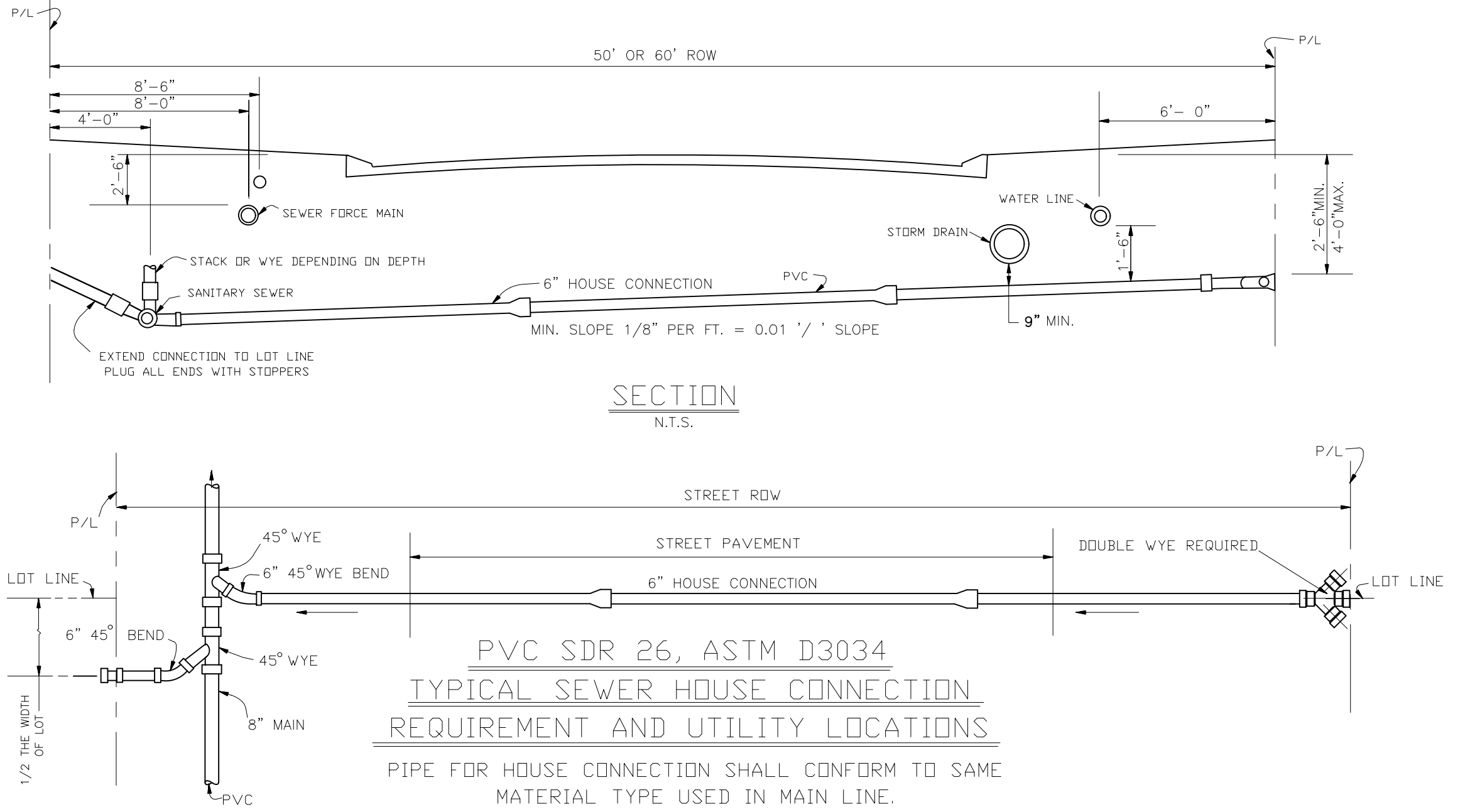
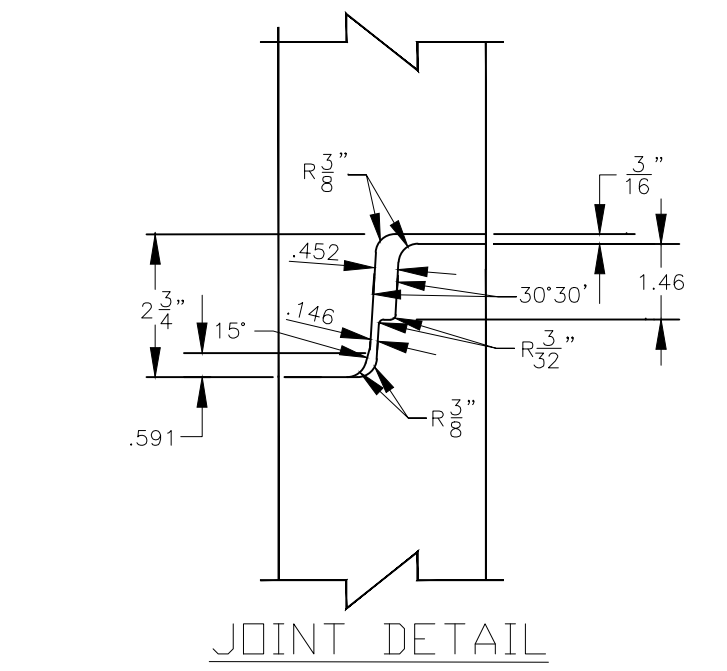
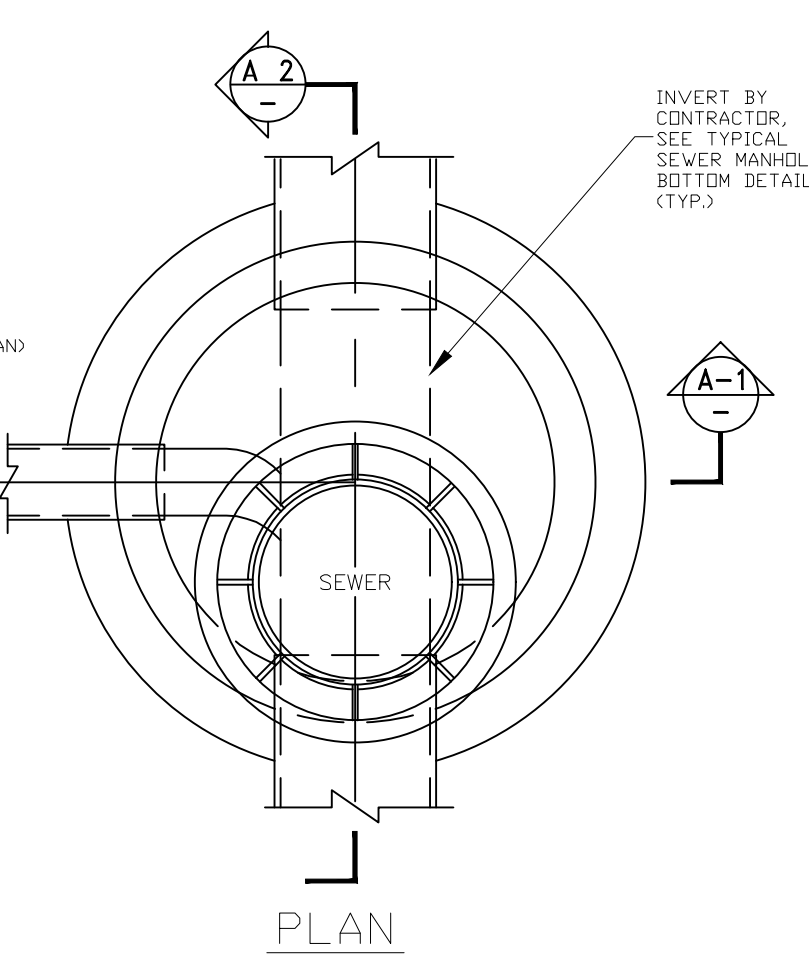
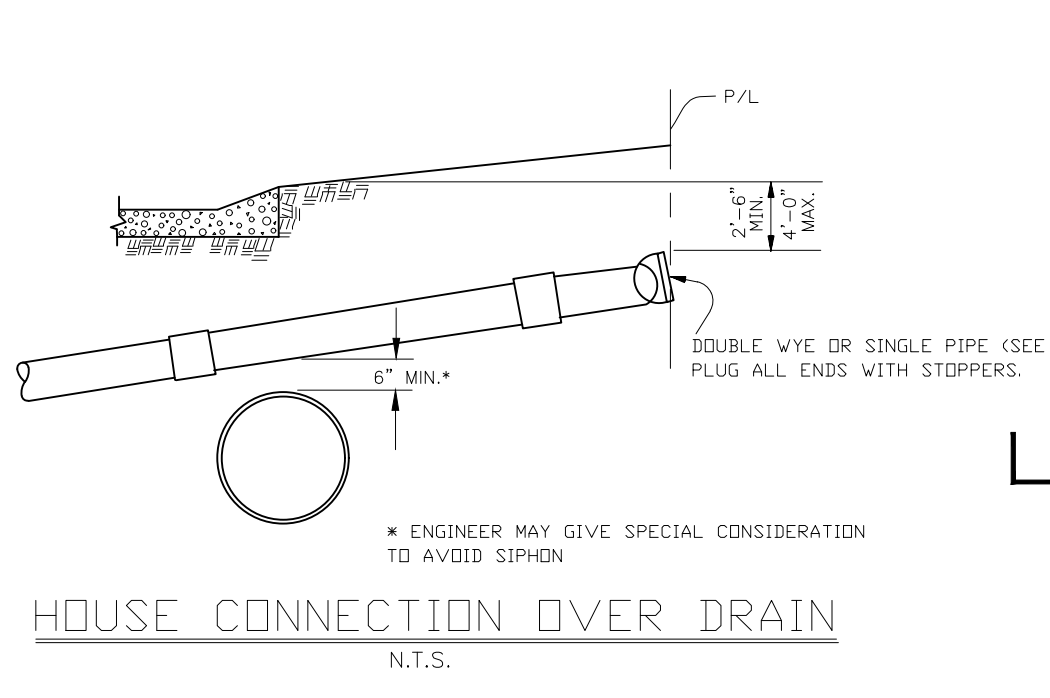
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SD - 11
SHEET 11 of 16

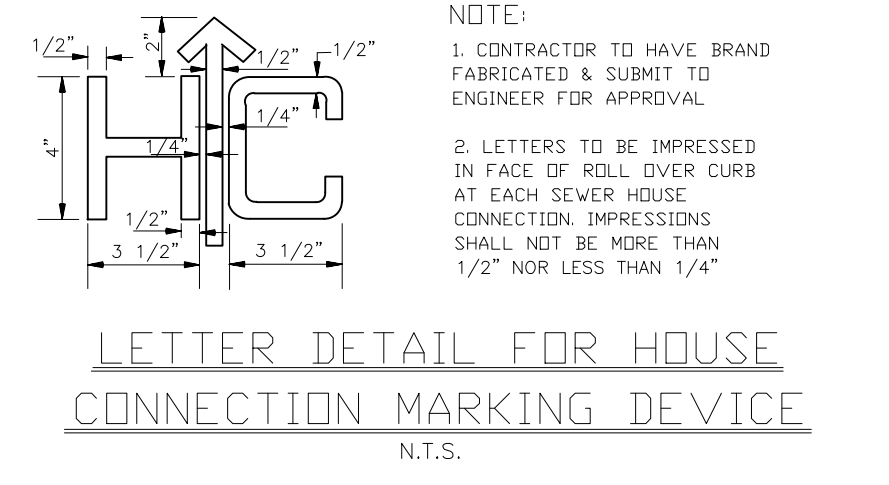
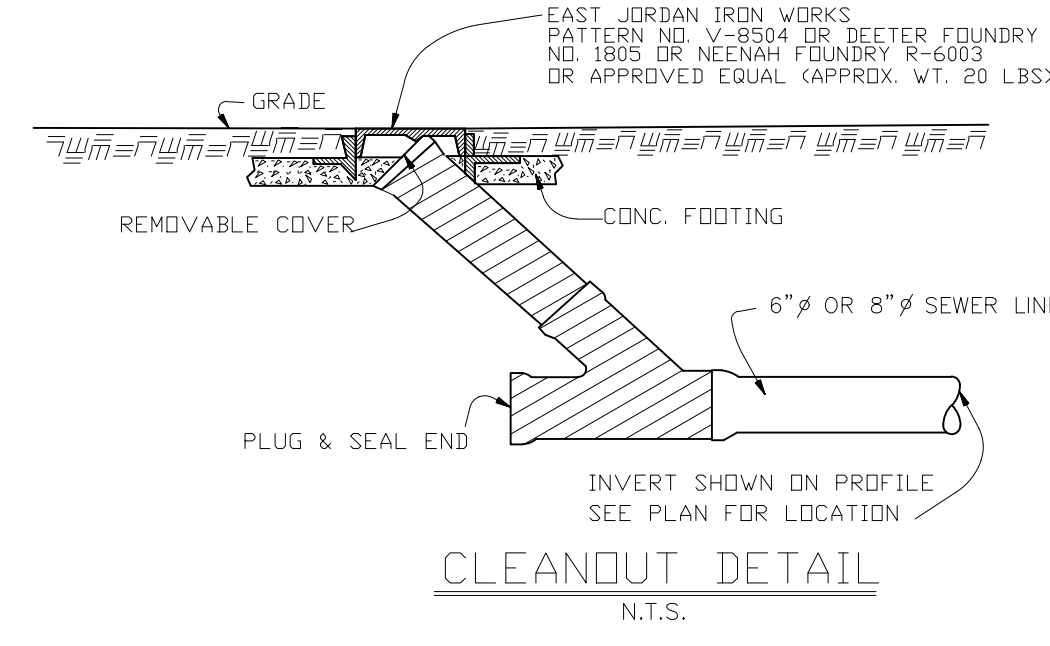
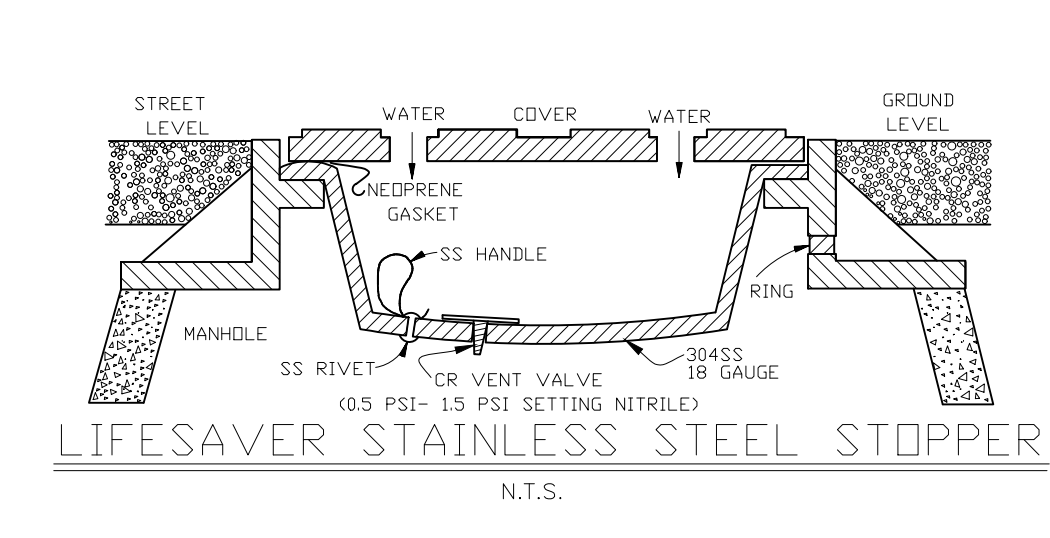


NOTE:
TIMBER SHEETING AND BRACING SHOWN ABOVE ARE MIN. REQUIREMENTS TO CONTROL THE WIDTH OF THE EXCAVATED TRENCH AND TO SAFEGUARD THE INTEGRITY OF THE SEWER FOUNDATION, BEDDING AND BACKFILL. IN ADDITION TO THESE MIN. REQUIREMENTS, THE CONTRACTOR SHALL PROVIDE SUFFICIENT SHEETING AND BRACING TO PROVIDE SAFE WORKING CONDITIONS FOR HIS WORKMEN.

- NOTES:**
- TRENCH CONSTRUCTION FOR THE GRAVITY SEWER LINES SHALL BE DETERMINED BY THE EXISTING SOIL TYPE AND DEPTH OF INSTALLATION.
 - DAL'S HANDPRINT SUCH AS DAL SHALL BE ALLOWED FOR SHEETING, BRACING, AND FOUNDATION LUMBER.
 - ALL THE CONTRACTOR'S OPTION, FOUNDATION LUMBER MAY BE USED IN TRENCH TYPES I & II.
 - THE CONTRACTOR MUST REVIEW AND UNDERSTAND ALL THE DETAILS ON THIS STANDARD DRAWING SHEET PRIOR TO BIDDING.

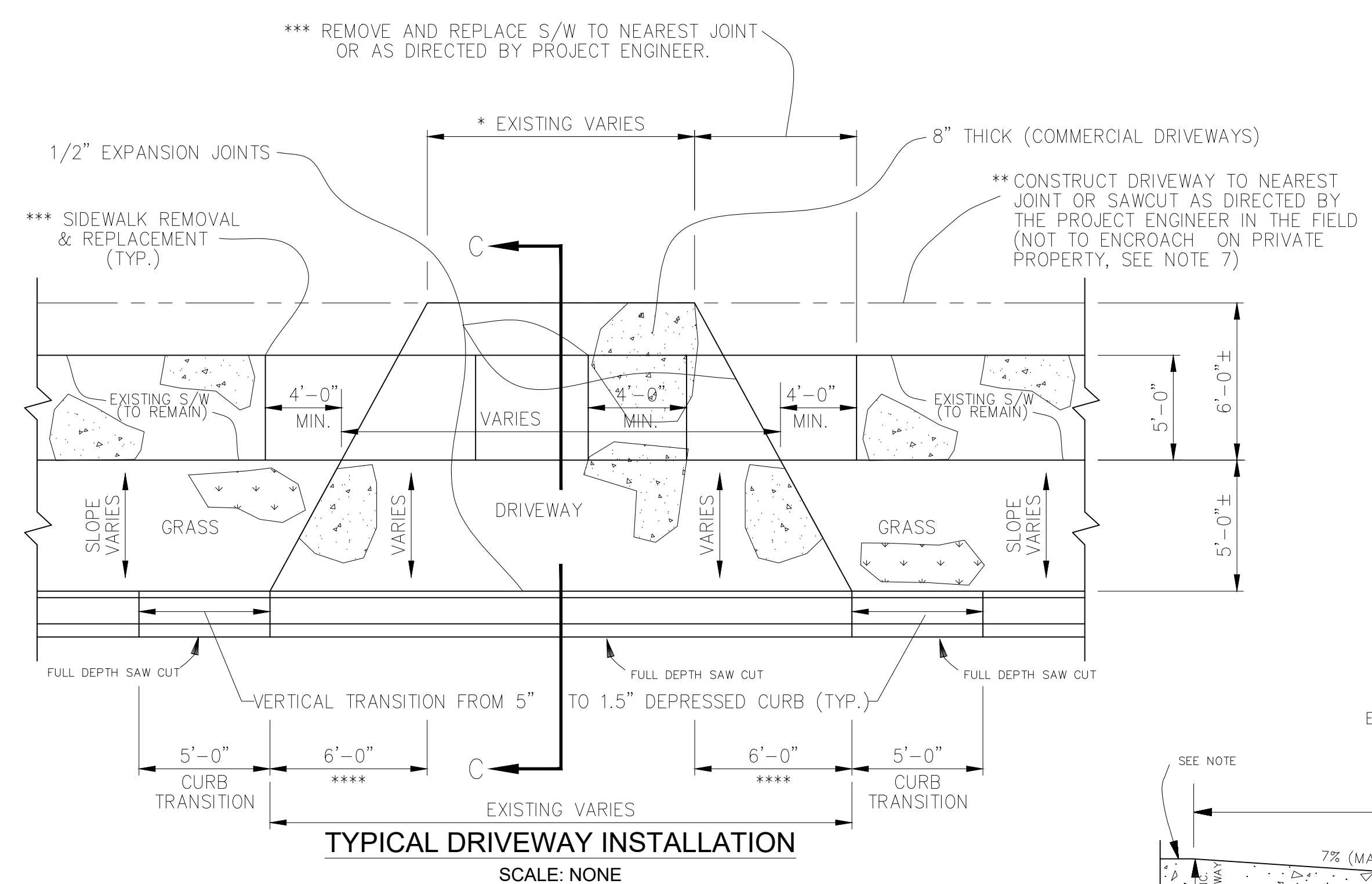


- NOTES:**
- REINFORCING STEEL TO MEET ASTM A-615 GRADE 60, CONCRETE TO BE 4000 PSI IN 28 DAYS.
 - CONCRETE TO CONTAIN XYPEX ADMIX AS PER MANUFACTURER'S RECOMMENDATION.
 - REINFORCING TO MEET AASHTO HS-20 LOADING.
 - JENTS BETWEEN PRECAST LANTS WILL BE SEALED WITH A RUBBER GASKET TO MEET ASTM C-478.
 - PRECAST CONCRETE STRUCTURES TO MEET ASTM C-478.
 - USE RESILIENT BOOT CONNECTORS TO CONNECT PIPES TO MANHOLES. RESILIENT BOOT CONNECTORS AND THEIR INSTALLATION SHALL MEET AND EXCEED ALL REQUIREMENTS OF ASTM C822, ASTM C824, AND ASTM C1478.
 - MANHOLES THAT EXCEED 12 FT IN DEPTH SHALL USE 10\"/>

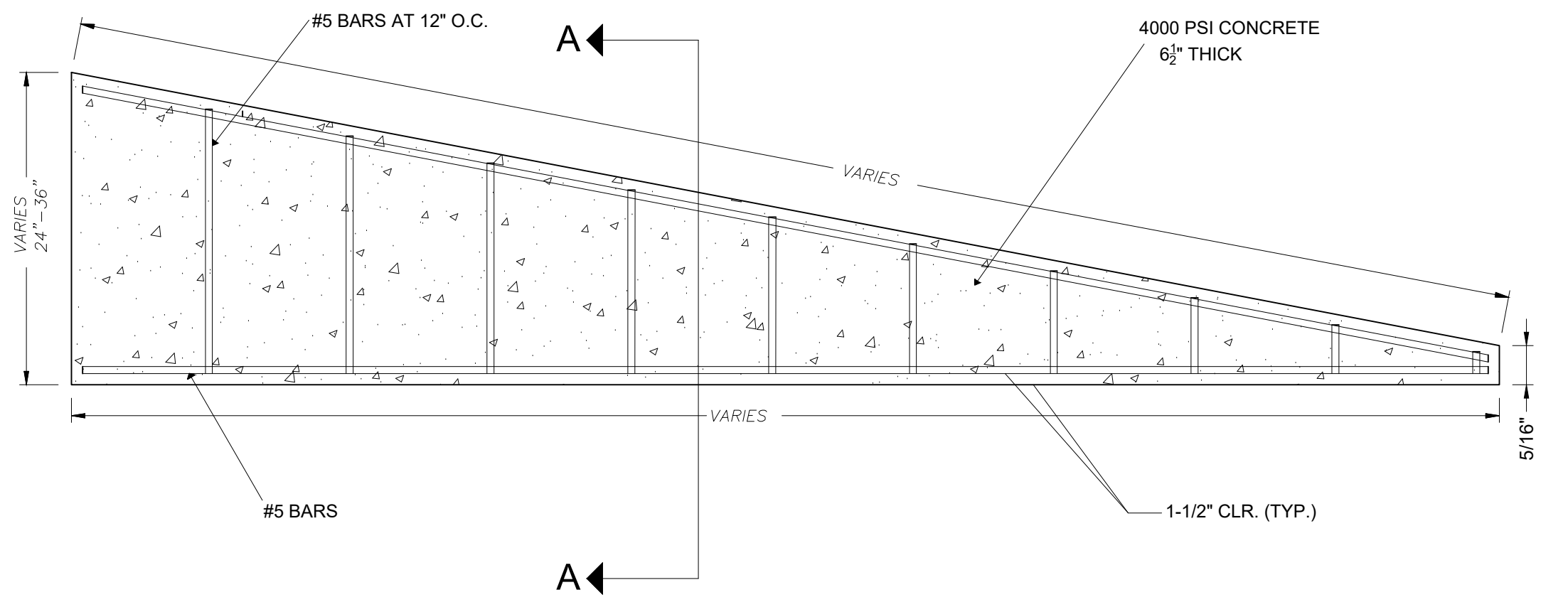


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ST. BERNARD PARISH GOVERNMENT	APPROVED BY :
STANDARD DETAIL PLANS	DRAWING NUMBER
SEWER DETAILS	SD - 12
DATE 08.09.2019	DATE THIS DOCUMENT WILL BE CONSIDERED A COPY ONLY UNLESS EMBOSSED BY A REGISTERED ENGINEER'S SEAL.
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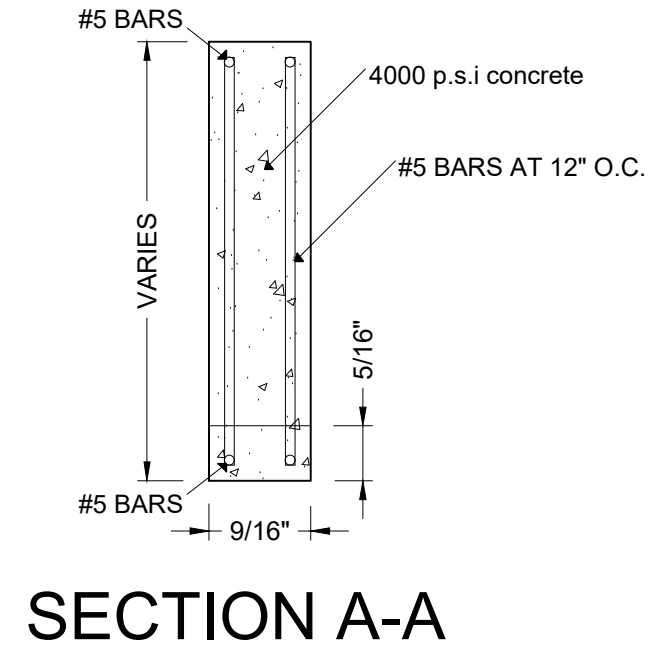




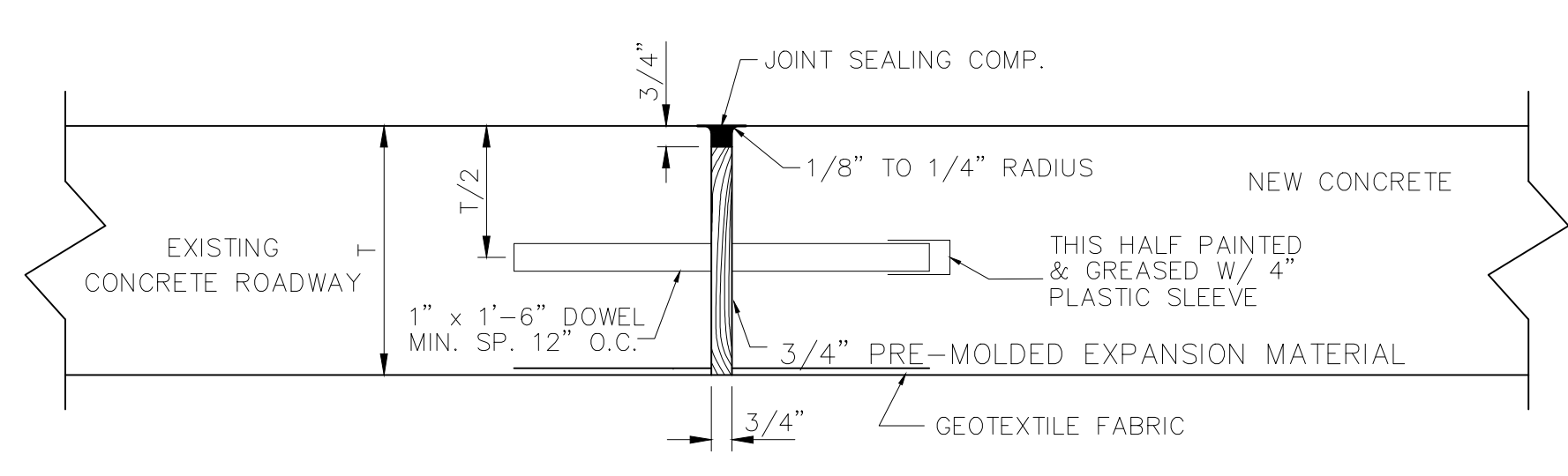
- DRIVEWAY NOTES:**
- 1) DRIVEWAY WIDTH SHALL BE AS DIRECTED BY PROJECT ENGINEER IN FIELD.
 - 2) LIMITS OF DRIVEWAYS SHALL BE AS DIRECTED BY PROJECT ENGINEER IN THE FIELD.
 - 3) LIMITS OF SIDEWALK REMOVAL TO BE DETERMINED IN FIELD BY PROJECT ENGINEER.
 - 4) DRIVEWAYS SHALL BE REINFORCED WITH 6" X 12" 0/1 WWF WEIGHING 77#, PER 110 S.F.
 - 5) FLARE WIDTHS MAY HAVE TO BE ADJUSTED TO MEET FIELD CONDITIONS. PROJECT ENGINEER SHALL DIRECT CONTRACTOR IN FIELD.
 - 6) DRIVEWAY SLOPE SHALL NOT EXCEED 7% WITHOUT WRITTEN APPROVAL FROM PROJECT ENGINEER.
 - 7) NO WORK SHALL BE PERFORMED ON PRIVATE PROPERTY UNLESS THE PARISH HAS OBTAINED A RIGHT OF ENTRY FROM THE PROPERTY OWNER.
 - 8) MATCH EXISTING DRIVEWAY MATERIALS "IN KIND", (EXP. AGGREGATE, BRICK, ETC...) (N.D.P.)
 - 9) IF PROJECT ENGINEER DETERMINES THAT TYPICAL DRIVEWAY DETAIL IS NOT FEASIBLE, CONTRACTOR TO REPLACE "IN KIND".
 - 10) SIDEWALK AND DRIVEWAY APRON THICKNESS SHALL BE 8" FOR COMMERCIAL.



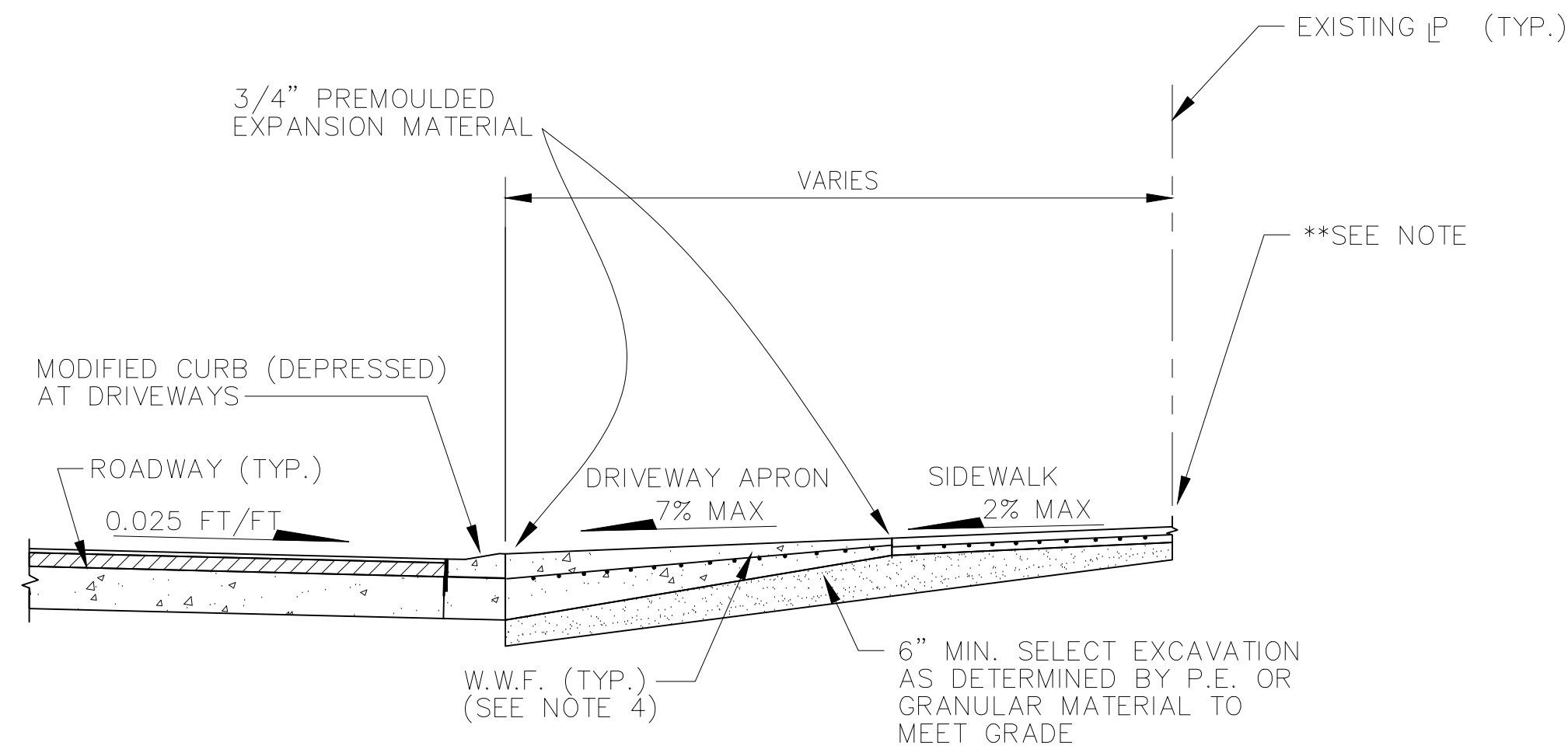
CONCRETE ROADWAY BARRIER PROFILE
N.T.S.



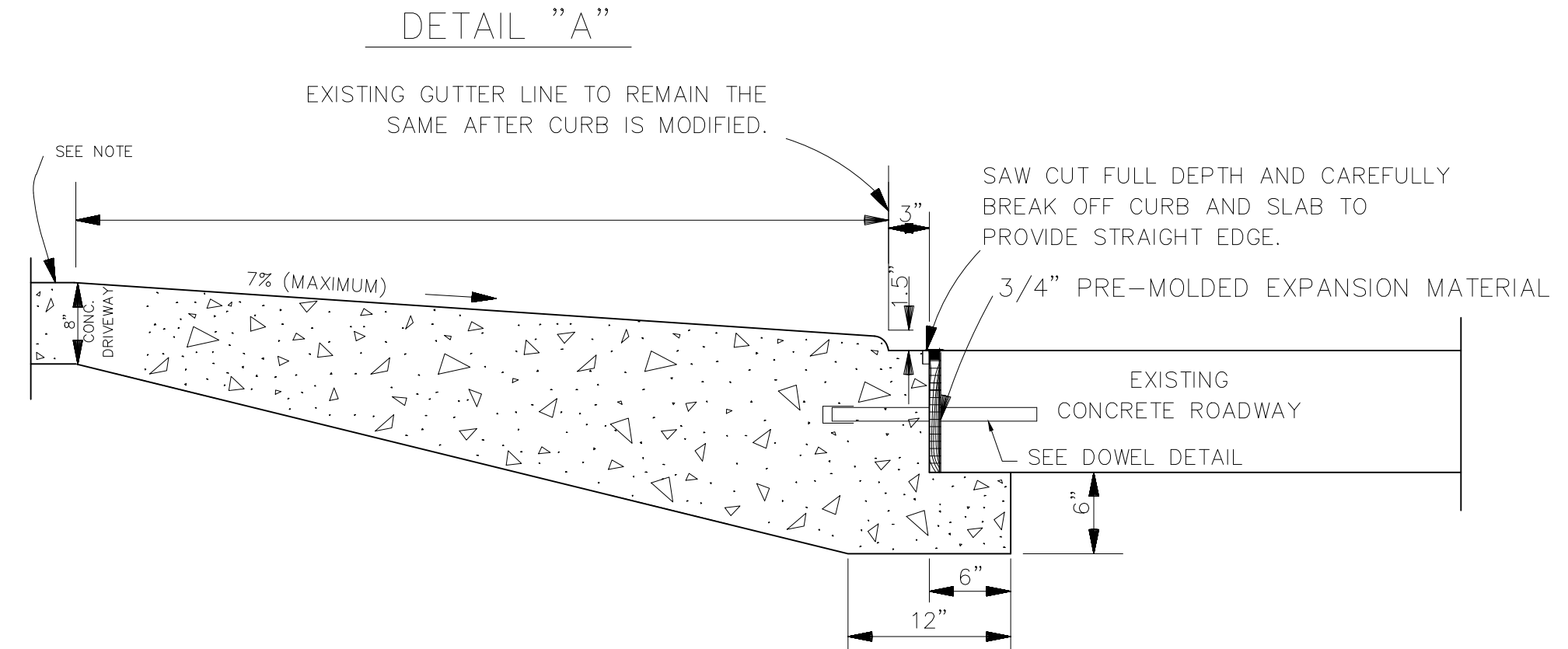
SECTION A-A



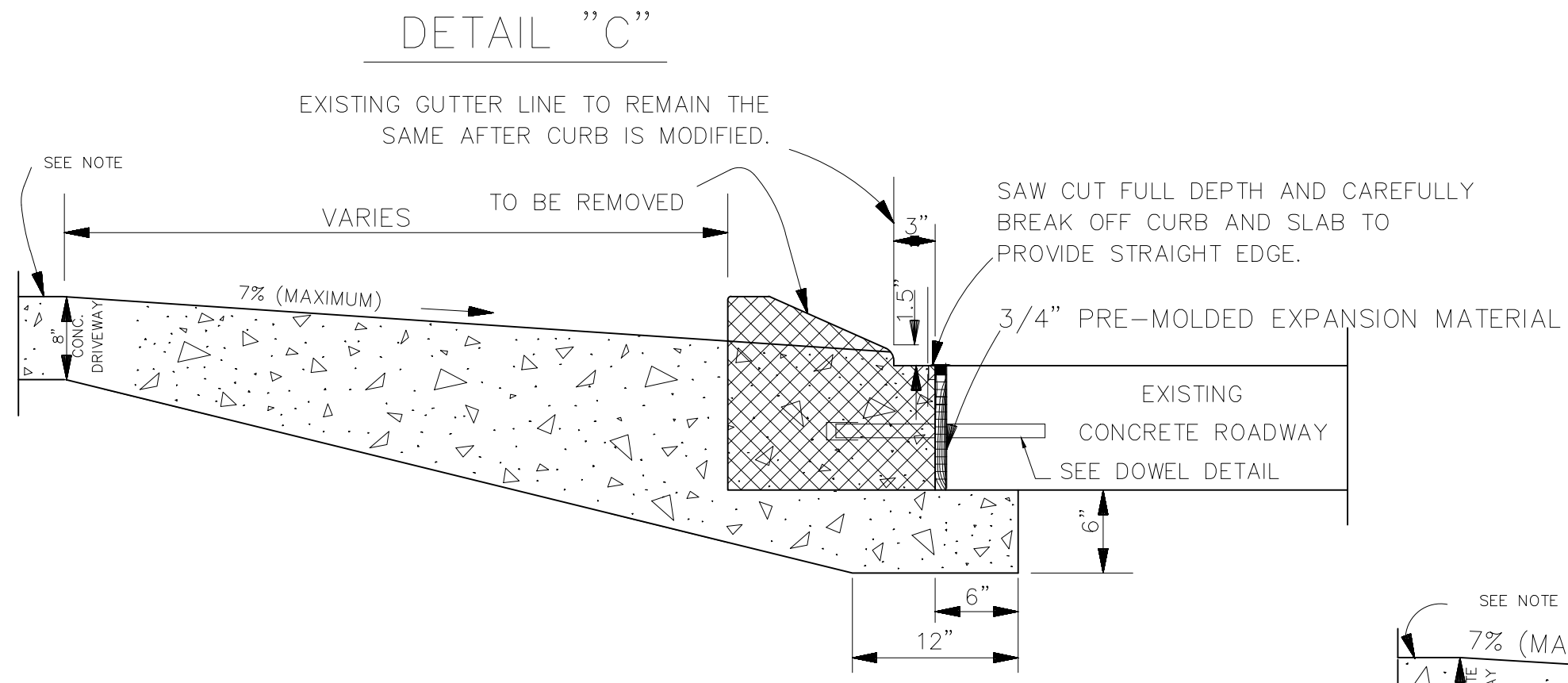
DOWEL DETAIL



SECTION "C-C"
DRIVEWAY TYPICAL SECTION
SCALE: NONE

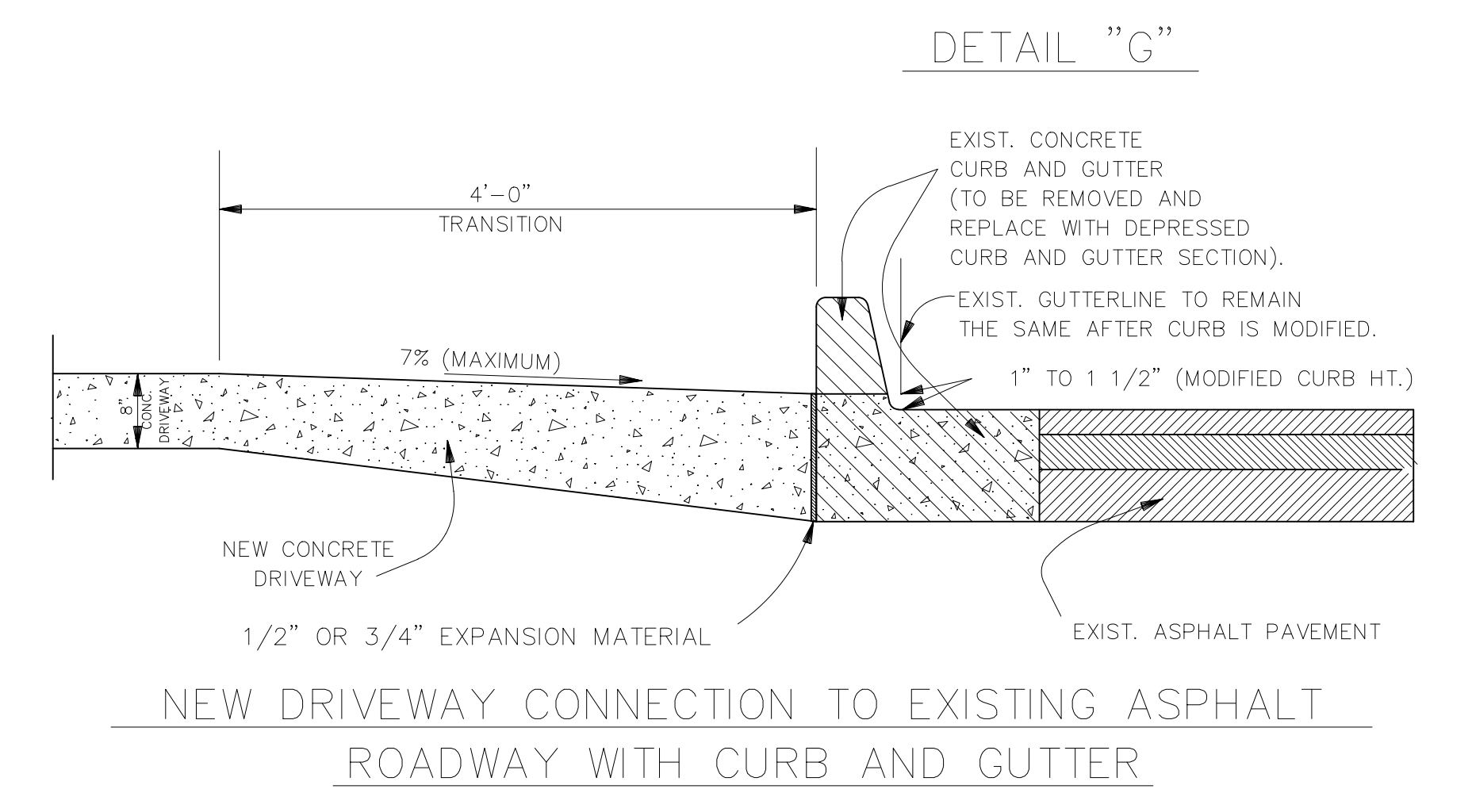


NEW COMMERCIAL DRIVEWAY CONNECTION TO EXISTING CONCRETE ROADWAY (DEPRESSED CURB)

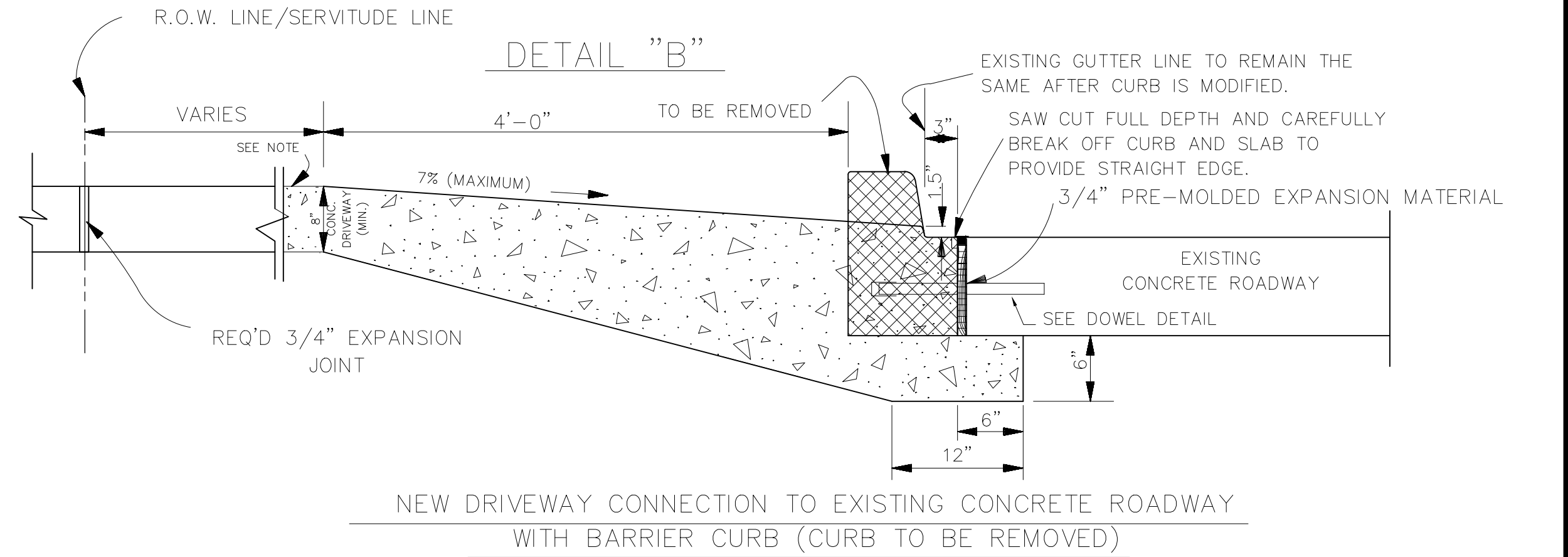


NEW DRIVEWAY CONNECTION TO EXISTING CONCRETE ROADWAY WITH ROLLOVER CURB (CURB TO BE REMOVED)

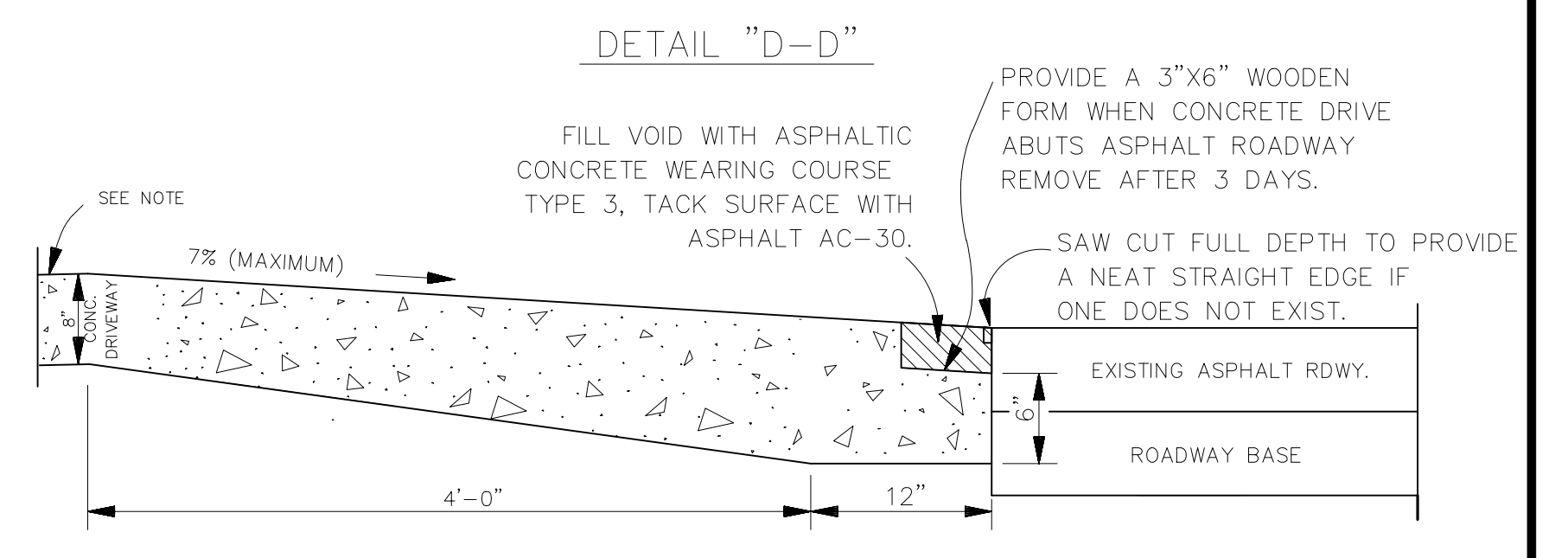
NOTE:
AN EXPANSION JOINT WILL BE REQUIRED ALONG RIGHT-OF-WAY (R.O.W.) LINE OR SERVITUDE LINE. (SEE DETAIL "B") (APPLICABLE IN ALL SITUATIONS).



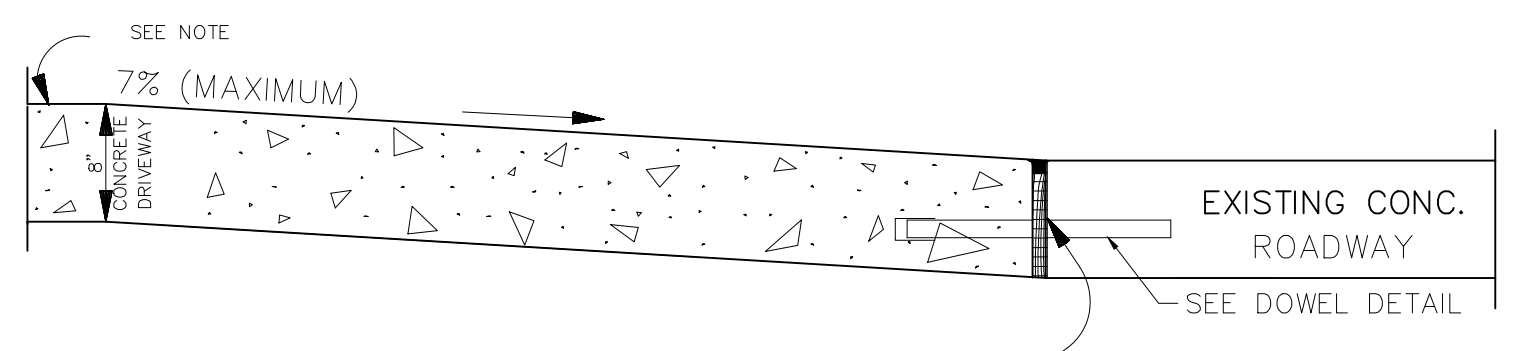
NEW DRIVEWAY CONNECTION TO EXISTING ASPHALT ROADWAY WITH CURB AND GUTTER



NEW DRIVEWAY CONNECTION TO EXISTING CONCRETE ROADWAY WITH BARRIER CURB (CURB TO BE REMOVED)



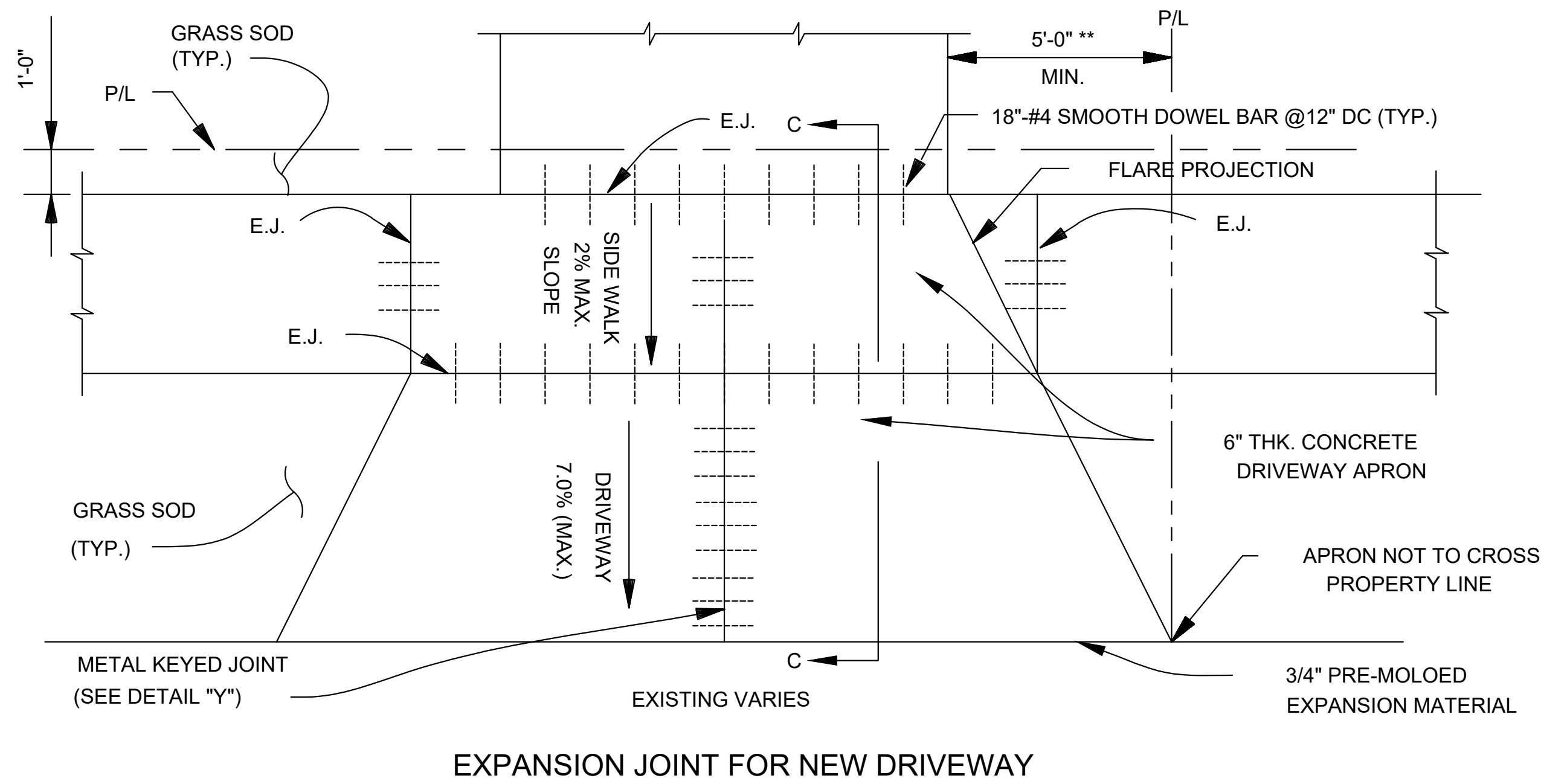
NEW DRIVEWAY CONNECTION TO EXISTING ASPHALT ROADWAY WITHOUT CURB



NEW DRIVEWAY CONNECTION TO EXISTING CONCRETE ROADWAY WITHOUT CURB

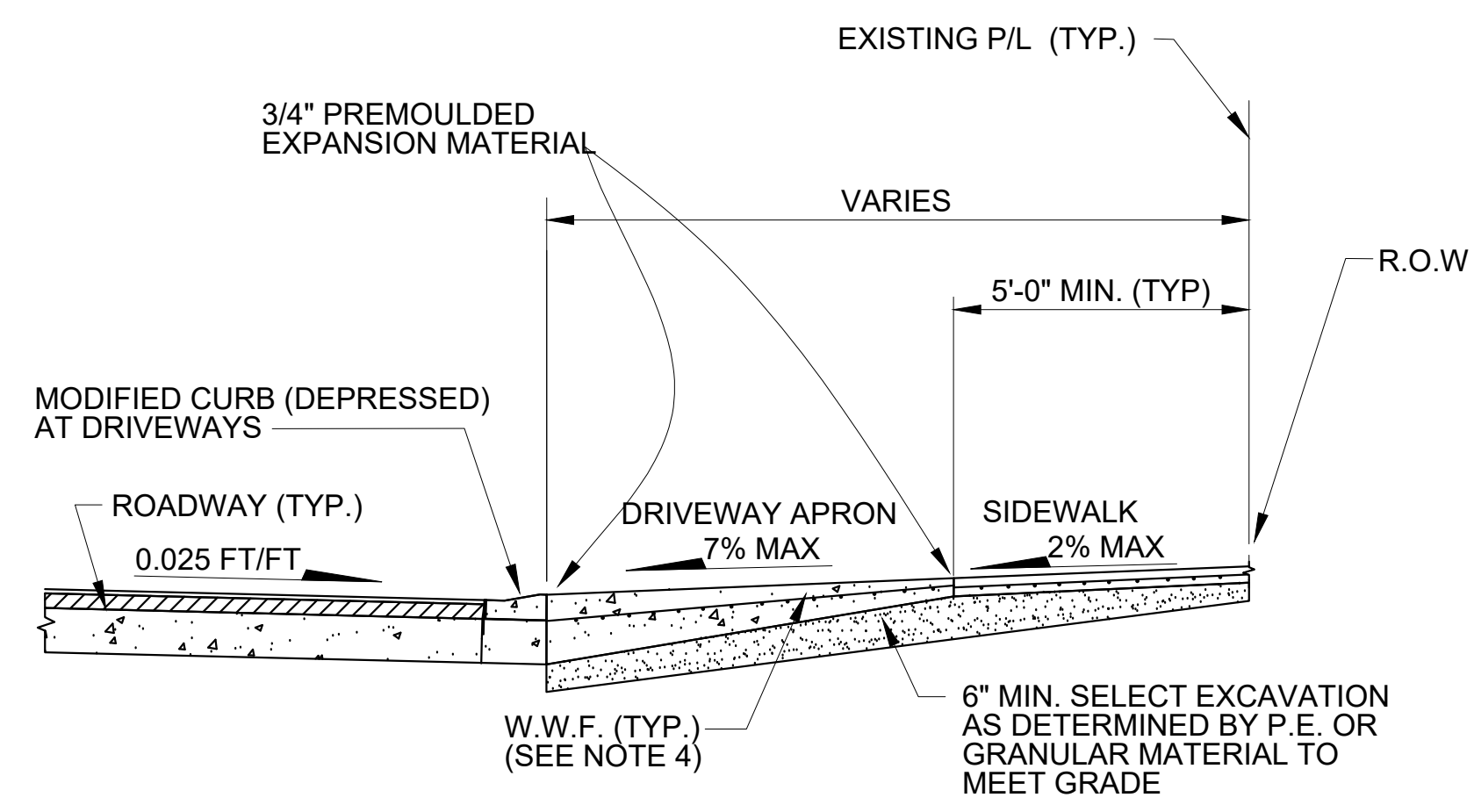


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ST. BERNARD PARISH GOVERNMENT			
STANDARD DETAIL PLANS			
ROADWAY CONNECTION DETAILS			
COMMERCIAL			
DATE	10.28.2019	APPROVED BY	
DRAWN BY	MF/AR	DRAWING NUMBER	SD - 14
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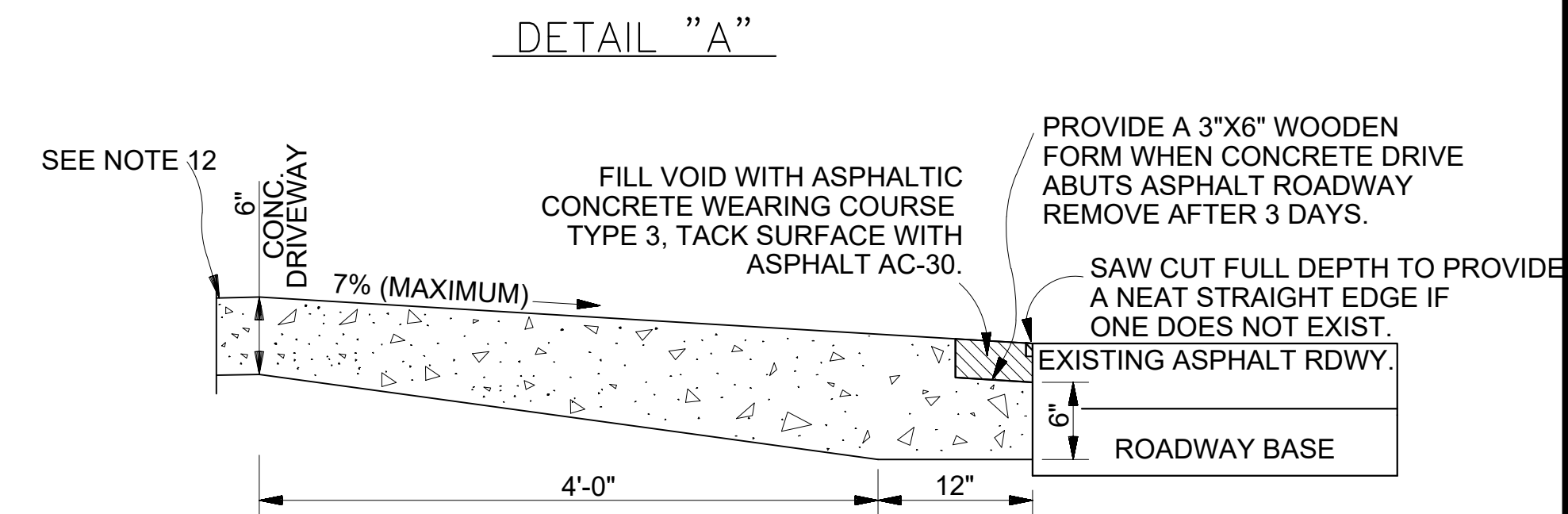


EXPANSION JOINT FOR NEW DRIVEWAY

DETAIL "A"



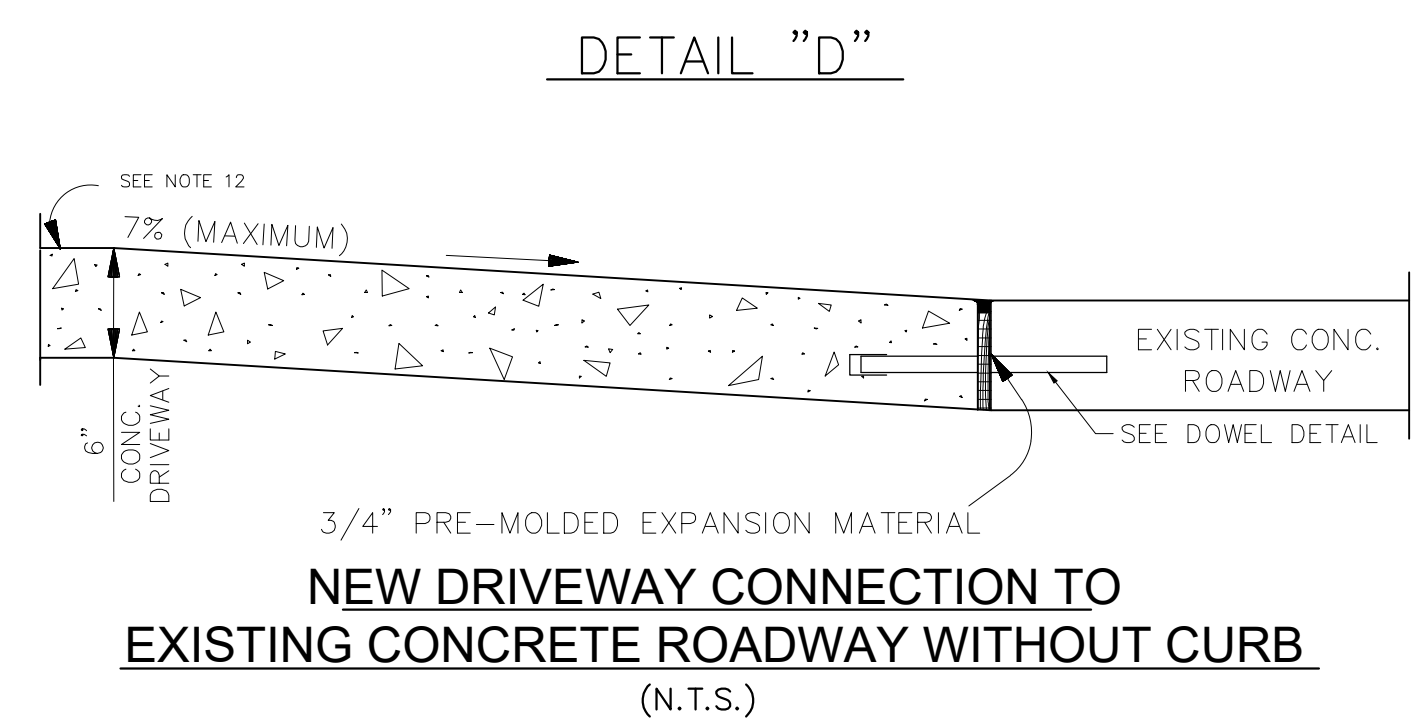
SECTION "C-C"
DRIVEWAY TYPICAL SECTION
SCALE: NONE



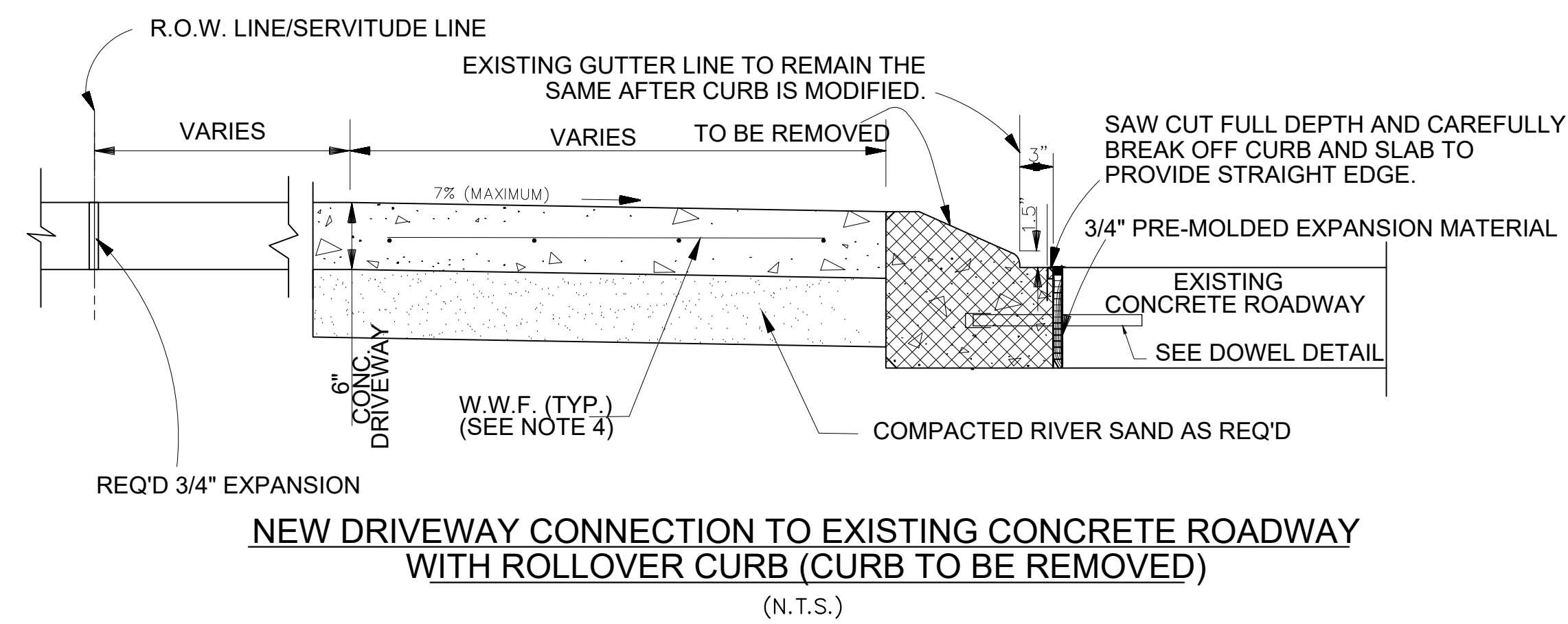
NEW DRIVEWAY CONNECTION TO
EXISTING ASPHALT ROADWAY WITHOUT CURB
(N.T.S.)

DRIVEWAY NOTES:

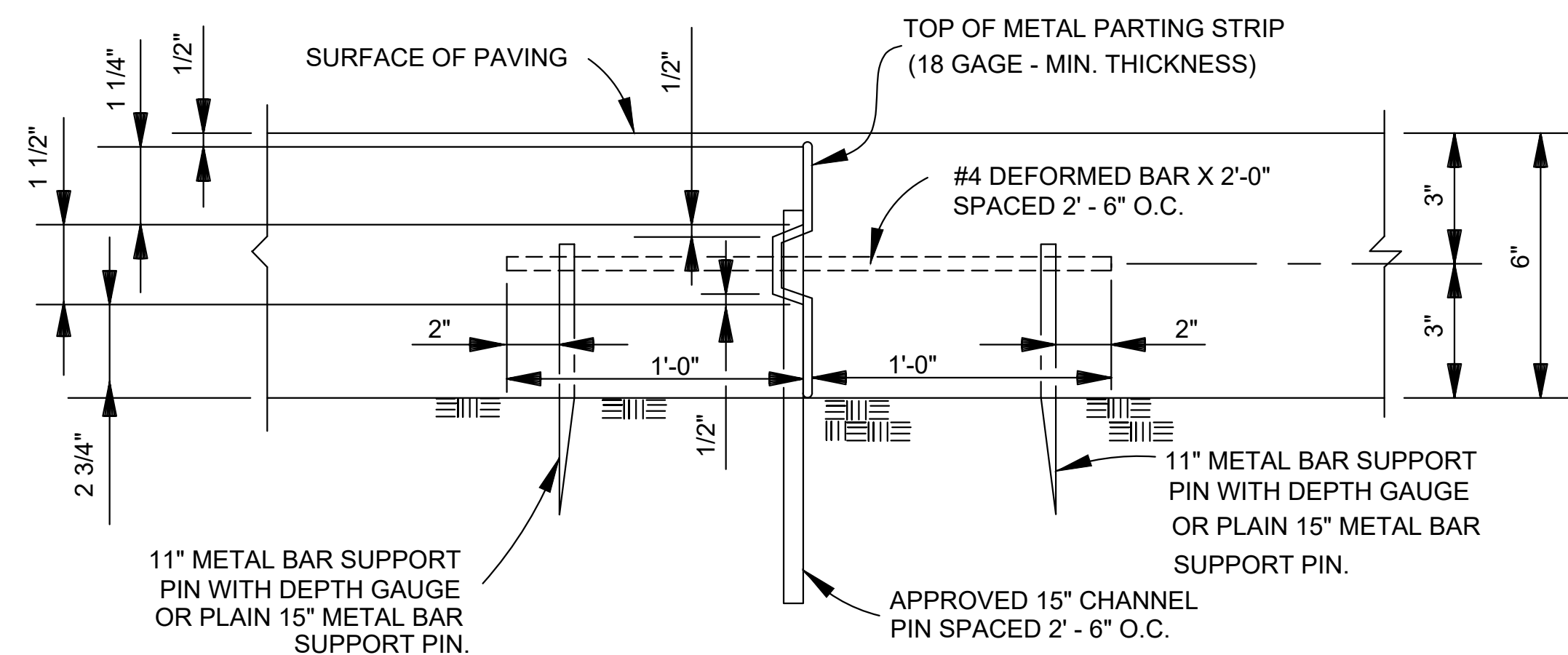
- * 1) DRIVEWAY WIDTH SHALL BE AS DIRECTED BY PROJECT ENGINEER IN FIELD.
- ** 2) LIMITS OF DRIVEWAYS SHALL BE AS DIRECTED BY PROJECT ENGINEER IN THE FIELD.
- *** 3) LIMITS OF SIDEWALK REMOVAL TO BE DETERMINED IN FIELD BY PROJECT ENGINEER.
- 4) DRIVEWAYS SHALL BE REINFORCED WITH 6" X 6" D6.0 BY D6.0 WELDED WIRE FABRIC.
- **** 5) FLARE WIDTHS MAY HAVE TO BE ADJUSTED TO MEET FIELD CONDITIONS. PROJECT ENGINEER SHALL DIRECT CONTRACTOR IN FIELD.
- 6) DRIVEWAY SLOPE SHALL NOT EXCEED 7% WITHOUT WRITTEN APPROVAL FROM PROJECT ENGINEER.
- 7) NO WORK SHALL BE PERFORMED ON PRIVATE PROPERTY UNLESS THE PARISH HAS OBTAINED A RIGHT OF ENTRY FROM THE PROPERTY OWNER.
- 8) MATCH EXISTING DRIVEWAY MATERIALS "IN KIND". (EXP. AGGREGATE, BRICK, ETC...) (N.D.P.)
- 9) IF PROJECT ENGINEER DETERMINES THAT TYPICAL DRIVEWAY DETAIL IS NOT FEASIBLE, CONTRACTOR TO REPLACE "IN KIND".
- 10) SIDEWALK AND DRIVEWAY APRON THICKNESS SHALL BE 6" FOR RESIDENTIAL.
- 11) TRANSITIONS WHERE SIDEWALKS MEET DRIVEWAYS SHALL NOT EXCEED THE MAXIMUM ALLOWABLE SLOPE OF 2.00%.
- 12) EXPANSION JOINTS WILL BE REQUIRED ALONG RIGHT-OF-WAY (R.O.W.) LINE OR SERVIDUTE LINE. (SEE DETAIL B) (APPLICABLE IN ALL SITUATIONS)
- 13) METAL KEYED JOINTS NEEDED FOR DRIVEWAYS GREATER THAN 16 FEET IN WIDTH



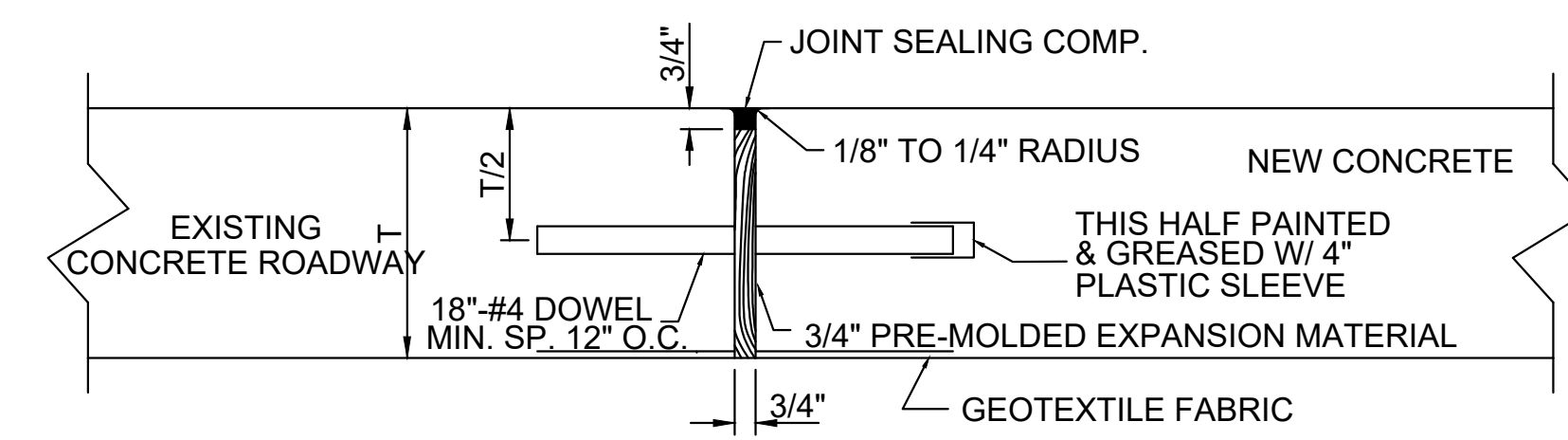
NEW DRIVEWAY CONNECTION TO
EXISTING CONCRETE ROADWAY WITHOUT CURB
(N.T.S.)



NEW DRIVEWAY CONNECTION TO EXISTING CONCRETE ROADWAY
WITH ROLLOVER CURB (CURB TO BE REMOVED)
(N.T.S.)



DETAIL "Y"
N.T.S.



EXPANSION JOINT DETAIL



PROJECT NAME :

PROJECT NUMBER:

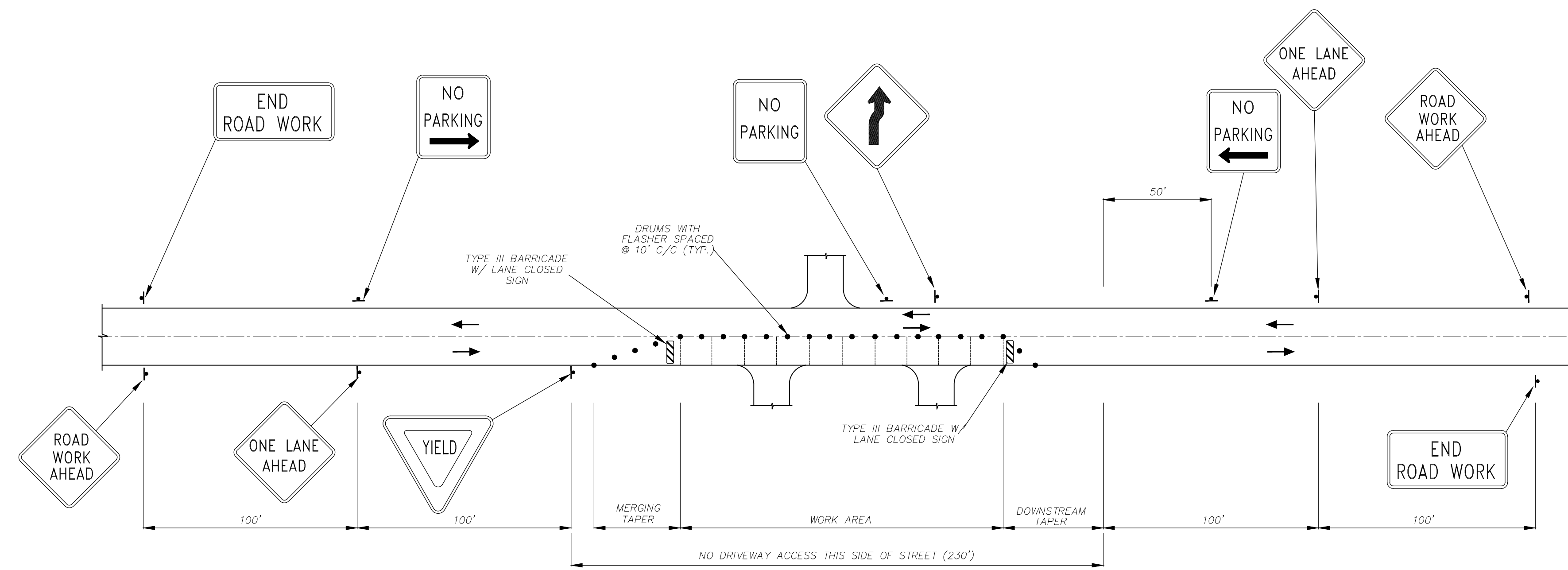
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ST. BERNARD PARISH GOVERNMENT	
STANDARD DETAIL PLANS	
ROADWAY CONNECTION DETAILS	
RESIDENTIAL	

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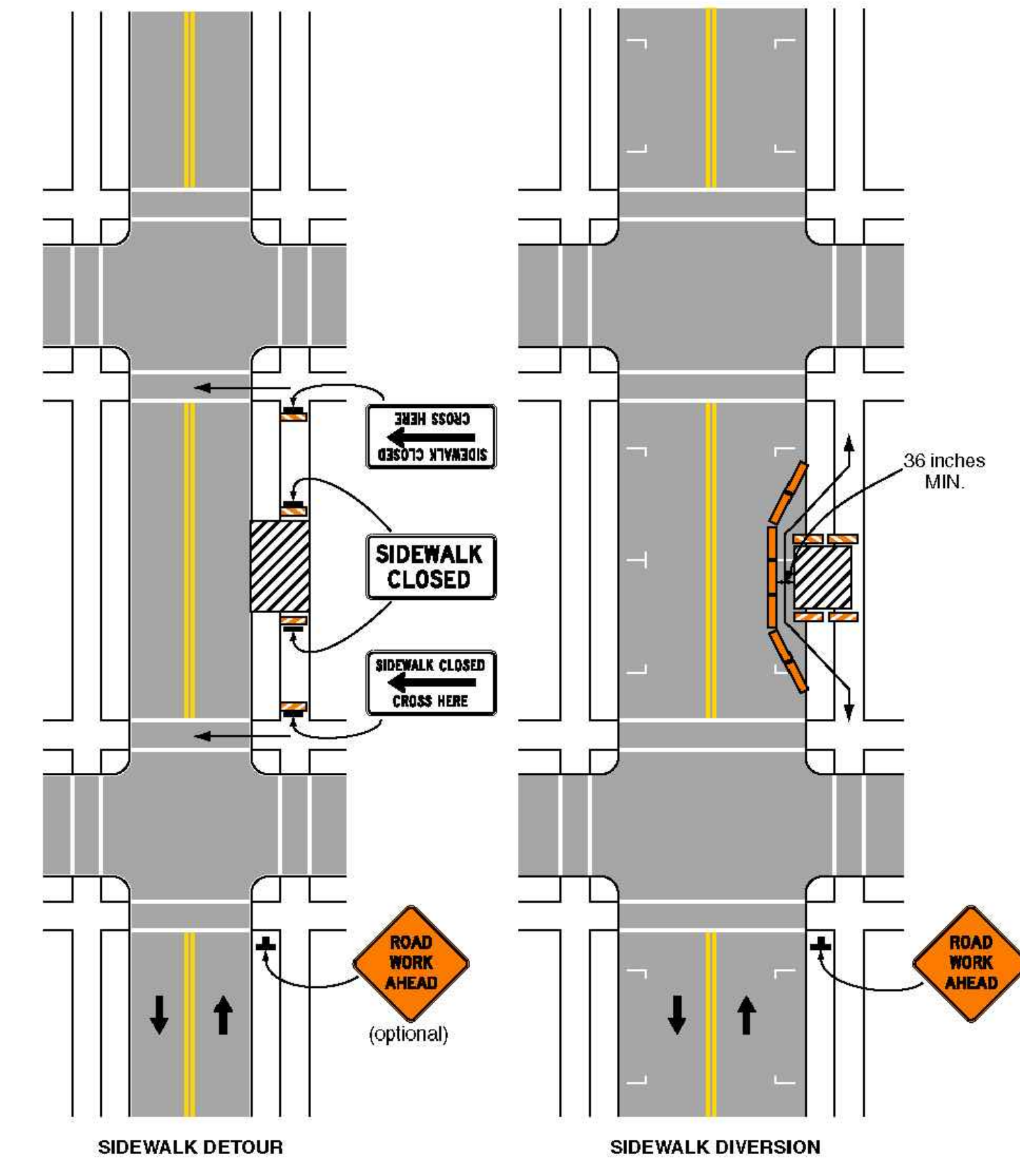
Figure 6H-28. Sidewalk Detour or Diversion (TA-28)



MINIMAL TEMPORARY TRAFFIC CONTROL FOR
TWO-WAY TRAFFIC ON A TWO-WAY STREET
(SEGMENT GREATER THAN 600')
N.T.S.

PLAN NOTES:

- 1) THE TEMPORARY TRAFFIC CONTROL PLANS ON THIS SHEET ARE ONLY TO SERVE AS THE MINIMUM REQUIRED. THE CONTRACTOR SHALL OBTAIN A TRAFFIC CONTROL PLAN FROM A QUALIFIED TRAFFIC CONTROL ENGINEER. QUALIFICATIONS FOR THE TRAFFIC CONTROL ENGINEER SHALL INCLUDE AT LEAST FOUR (4) YEARS OF TRAFFIC ENGINEERING EXPERIENCE AND STATE OF LOUISIANA PROFESSIONAL REGISTRATION. THIS TRAFFIC CONTROL PLAN SHALL HAVE BEEN REVIEWED AND APPROVED BY THE ST. BERNARD PARISH TRAFFIC DIVISION PRIOR TO CONSTRUCTION.
- 2) THE DESIGN AND APPLICATION OF ALL TAPERS, DISTANCES, PAVEMENT MARKINGS, CHANNELIZATION DEVICES AND WARNING SIGNS SHALL CONFORM TO "THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES," LATEST EDITION.



Typical Application 28

Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

Notes for Figure 6H-28—Typical Application 28
Sidewalk Detour or Diversion

Standard:

1. When crosswalks or other pedestrian facilities are closed or relocated, temporary facilities shall be detectable and shall include accessibility features consistent with the features present in the existing pedestrian facility.

Guidance:

2. Where high speeds are anticipated, a temporary traffic barrier and, if necessary, a crash cushion should be used to separate the temporary sidewalks from vehicular traffic.
3. Audible information devices should be considered where midblock closings and changed crosswalk areas cause inadequate communication to be provided to pedestrians who have visual disabilities.

Option:

4. Street lighting may be considered.
5. Only the TTC devices related to pedestrians are shown. Other devices, such as lane closure signing or ROAD NARROWS signs, may be used to control vehicular traffic.
6. For nighttime closures, Type A Flashing warning lights may be used on barricades that support signs and close sidewalks.
7. Type C Steady-Burn or Type D 360-degree Steady-Burn warning lights may be used on channelizing devices separating the temporary sidewalks from vehicular traffic flow.
8. Signs, such as KEEP RIGHT (LEFT), may be placed along a temporary sidewalk to guide or direct pedestrians.

TYPICAL SIDEWALK DETOUR PLAN
(MUTCD TA-28)



PROJECT NAME :

PROJECT NUMBER:

DATE DRAWN BY SCALE:	10.28.2019 MFIAR NTS	ST. BERNARD PARISH GOVERNMENT STANDARD DETAIL PLANS TRAFFIC CONTROL DETAILS	APPROVED BY	DRAWING NUMBER
FILENAME: S:\Public Works Shared\St. Bernard Standard Details				SD - 16
			DATE	SHEET 16 OF 17
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1 GENERAL NOTES

1. MEANS AND METHODS.
THESE DRAWINGS REPRESENT THE STRUCTURAL COMPONENTS IN THEIR FINAL AND FINISHED STATE. CONSTRUCTION PROCEDURES, BRACING METHODS, SAFETY PRECAUTIONS AND MECHANICAL REQUIREMENTS USED TO INSTALL THEM ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR OR SUBCONTRACTOR DOING THE WORK.

2. DISCREPANCIES.
IN CASE OF DISCREPANCIES BETWEEN DRAWINGS, SPECIFICATIONS, REFERRALS STANDARDS, ETC., THE ARCHITECT/ENGINEER (A/E) SHALL DETERMINE WHICH SHALL GOVERN. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE A/E BEFORE PROCEEDING WITH THE WORK. FOR ANY DISCREPANCIES FOUND IN THE CONTRACT DOCUMENT & NOT BROUGHT TO THE ATTENTION OF THE A/E, IT SHALL BE ASSUMED THAT THE CONTRACTOR HAS INCLUDED IN THE PRICE, THE MOST EXPENSIVE WAY TO COMPLETE THE WORK.

3. DRILLING HOLES FOR ANCHORS AND CORING HOLES
IN EXISTING CONCRETE.
A. PRIOR TO DRILLING OR CORING HOLES, THE CONTRACTOR SHALL LOCATE EXISTING REINFORCING STEEL, POST-TENSIONING, CONDUIT, PIPING, ETC. IN THE AREA WHERE NEW HOLES ARE TO BE INSTALLED THROUGH NON-DESTRUCTIVE TESTING SUCH AS WITH AN X-RAY, RADAR, OR WITH OTHER NON-DESTRUCTIVE DEVICES.
B. MARK THE LOCATION & EXTENTS OF ALL REINFORCING STEEL, POST-TENSIONING, CONDUIT, PIPING, AND OTHER EXISTING INTERFERENCES ON THE SURFACE OF THE SLAB.
C. IF NEW HOLE LOCATIONS CONFLICT WITH EXISTING EMBEDDED ELEMENTS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER BEFORE INSTALLING THE NEW HOLES.
D. VERIFY NO CONFLICTS EXIST AT NEW HOLE LOCATIONS BY SMALL DRILLED PILOT HOLES. IF NO CONFLICTS EXIST, COMPLETE THE INSTALLATION. IN THE CASE OF STEEL TO BE FASTENED TO THE CONCRETE WITH MULTIPLE ANCHORS, FABRICATE, FROM A FIELD TEMPLATE, THE STEEL TO BE FASTENED TO THE CONCRETE BY THE ANCHORS AND COMPLETE THE INSTALLATION.
E. WHEN INSTALLING NEW HOLES, THEY SHALL BE EXERCISED SO AS NOT TO NICK OR CUT EXISTING EMBEDDED ELEMENTS.

4. VAPOR BARRIER.
A. UNLESS OTHERWISE STATED IN SPECIFICATIONS, PROVIDE OPAQUE 15 MIL POLYETHYLENE VAPOR BARRIER CONFORMING TO ASTM E1745 ON TOP OF FILL UNDER ALL INTERIOR SLABS AND BEAMS. OMIT ON TOP OF PILES.
B. FOLLOW MANUFACTURER'S RECOMMENDATIONS AND USE MANUFACTURER'S RECOMMENDED ADHESIVE AND PRESSURE-SENSITIVE TAPE FOR SEALING HOLES AND JOINTS IN VAPOR BARRIER.
C. SHALL BE NEATLY PLACED, FOLDED UP TO THE BOTTOM OF THE SLAB AND BEAMS, AND BE IN INTIMATE CONTACT WITH THE FILL.

5. PILES.
WOOD-CONCRETE COMPOSITE PILES
A. TIP PENETRATION BELOW FIRST FLOOR ELEVATION: 76 IN.
B. LOWER TIMBER SECTION:
1. TYPE: UNTREATED TIMBER PILE, ASTM D25
2. MINIMUM TIP DIAMETER: 7"
3. MINIMUM DIAMETER 3'-0" FROM BUTT: 13"
C. CONCRETE UPPER SECTION:
1. TYPE: CAST-IN-PLACE CONCRETE
2. STRENGTH: 3000 PSI @ 28 DAYS
3. LENGTH AS REQUIRED TO EXTEND FROM BUTT OF TIMBER LOWER SECTION TO CUT-OFF ELEVATIONS
D. PREDRILL: 7/8" Ø, 3-BLADE DEMON WET-ROTARY BIT
E. HAMMER: VULCANO, 1 (115,000 FT.-LBS)
F. EXPLORATORY PILES: 10 (9 SHOWN, 1 TBD)
G. LOAD TEST: 17 TONS
H. DESIGN LOAD: 17 TONS

6. CONCRETE.
A. ACI 301-10 SPECIFICATIONS
B. NOMINAL WEIGHT CONCRETE: 150 PCF
C. LIGHTWEIGHT CONCRETE: 115 PCF
D. COMPRESSIVE STRENGTH AT 28 DAYS: 4,000 PSI

7. REINFORCING STEEL.
A. REINFORCING BARS: ASTM A615, GRADE 60 OR 75
B. WELDABLE REINFORCING BARS: ASTM A706, GRADE 60
C. WELDED WIRE MESH: ASTM A1064

8. REINFORCING CLEARANCES REQUIRED FOR STRUCTURALLY SUPPORTED CONCRETE ARE AS FOLLOWS:
ACI 117 STANDARDS, UNLESS SPECIFICALLY NOTED OR SHOWN ON THE DRAWINGS, REINFORCING CLEARANCES SHALL BE AS FOLLOWS:
A. SLABS: 3/4" CLEAR TOP & BOTTOM FORMED.
1. CLEAR ABOVE AND 1" CLEAR BELOW TOP ON GRADE.
B. BEAMS: 1 1/2" CLEAR BOTTOM FORMED, 3" CLEAR BOTTOM CAST ON EARTH, 1 1/2" CLEAR SIDES AND TOP FORMED, 3" CLEAR SIDES EARTH FORMED, 1 1/2" CLEAR TOP.
C. COLUMNS: 1 1/2" CLEAR, TYPICAL.
D. WALLS: 1 1/2" CLEAR, TYPICAL.

9. REINFORCING DETAILS FOR STRUCTURALLY SUPPORTED CONCRETE:
ACI 315 STANDARDS, UNLESS SPECIFICALLY NOTED OR SHOWN ON THE DRAWINGS, BARS AND CONFIGURATIONS SHALL BE AS FOLLOWS:
A. TOP BARS: HOOK AT NON-CONTINUOUS ENDS, LAP 30 DIAS AT MID-SPAN FOR CONTINUOUS REINFORCING NOTED ON THE CONSTRUCTION DOCUMENTS AS FULLY CONT. SEE NOTE "F".
B. BOTTOM BARS: LAP 6" AT CENTER OF SUPPORT.
C. TEMPERATURE REINFORCING IN WALLS AND INTERMEDIATE HORIZONTAL BARS IN WALLS AND BEAMS: TENSION LAP SPLICES, SEE NOTE "F".
D. SLAB TOP REINFORCING SUPPORT BARS: SLAB TOP REINFORCING BARS LESS THAN 6 FEET IN LENGTH SHALL HAVE 2#4 CONT. SUPPORT BARS AND SLAB TOP REINFORCING BARS GREATER THAN 6 FEET IN LENGTH SHALL HAVE #4 SUPPORT BARS EQUALLY SPACED AT NO MORE THAN 4'-0" O.C.
E. CORNER BARS: PROVIDE CORNER BARS AT EACH OUTSIDE CORNER FOR EACH HORIZONTAL BAR IN WALLS AND BEAMS, CORNER BARS SHALL LAP WITH HORIZONTAL BARS. PROVIDE "U" BARS AT WALL ENDS, LAP #3 TO #6 BARS 30" EACH WAY AND LAP #7 TO #11 BARS 48" EACH WAY. HOOK INSIDE BARS IN WALLS AT ENDS.
F. LAP SPLICE TABLE FOR FULLY CONTINUOUS REINFORCING:

10. CONDUITS AND PIPES EMBEDDED IN CONCRETE.
A. CONDUITS, PIPES, AND SLEEVES OF ANY MATERIAL NOT HARMFUL TO CONCRETE SHALL BE PERMITTED TO BE EMBEDDED IN CONCRETE WITH APPROVAL OF THE ENGINEER, PROVIDED THAT REGULATIONS ARE FOLLOWED AS OUTLINED IN THE APPLICABLE ACI CODES.
B. CONDUITS, PIPES, AND SLEEVES PASSING THROUGH A SLAB OR BEAM SHALL NOT SIGNIFICANTLY IMPAIR THE STRENGTH OF CONSTRUCTION AS DETERMINED BY THE ENGINEER.
C. SINGLE CONDUITS AND PIPES OR INTERSECTING CONDUITS AND PIPES SHALL NOT OCCUPY MORE THAN AN 11/2" OF SLAB THICKNESS AND 1/3 THE OVERALL THICKNESS OF BEAMS IN WHICH THEY ARE EMBEDDED, AND THEY SHALL NOT BE SPACED CLOSER THAN THREE DIAMETERS OR WIDTHS ON CENTER. ANY CONDUIT OR PIPE LARGER SHALL BE LOCATED BELOW THE RESPECTIVE SLAB OR BEAM. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL A DIAGRAM DEPICTING THE HOME RUNS OF CONDUIT TO ALL PANELS, TYPICAL.
D. IT WILL NOT BE PERMITTED TO CUT, BEND, OR DISPLACE THE REINFORCING STEEL FROM ITS PROPER LOCATION IN ORDER TO INSTALL CONDUITS AND PIPES.
E. COORDINATION MUST BE MADE BY THE CONTRACTOR AT HIS EXPENSE TO FOLLOW THE ABOVE GUIDELINES.

11. STRUCTURAL STEEL.
A. A.I.S.C. SPECIFICATIONS: STEEL CONSTRUCTION MANUAL, 14TH EDITION; ALL WIDE FLANGE SHAPES ASTM A992 GRADE 50, ALL MISCELLANEOUS SHAPES ASTM A36, HSS SHAPES ASTM A500 GRADE B F_y 48 ksi, STEEL PIPE ASTM A53 GRADE B F_y 35 ksi, HIGH STRENGTH BOLTS A325, 3/4" MIN. EXCEPT AS NOTED OTHERWISE, ANCHOR RODS AND BOLTS ASTM F1554 GRADE 36 EXCEPT AS NOTED OTHERWISE, HEADED CONCRETE ANCHOR (H.C.A.) PER A.I.S.C. SPECIFICATION D1.1, DEFORMED BAR ANCHOR (D.B.A.) ASTM A496, E-70 ELECTRODES.
B. ALL BEAM CONNECTIONS SHALL BE A.I.S.C. STANDARD FRAMED CONNECTIONS. SHOP CONNECTIONS SHALL BE WELDED. FIELD CONNECTIONS SHALL BE BOLTED, EXCEPT CONNECTIONS TO EXISTING CONSTRUCTION SHALL BE WELDED. CONNECTIONS NOT SCHEDULED OR DETAILED OTHERWISE TO BE DESIGNED FOR 1/2 UNIFORM LOAD BEAM CAPACITY FOR PROPER BEAM SPAN AND 2/3 UNIFORM LOAD BEAM CAPACITY FOR PROPER BEAM SPAN FOR COMPOSITE BEAMS.
C. ALL STRUCTURAL STEEL ITEMS AND RESPECTIVE ANCHORS AND FASTENERS PERMANENTLY EXPOSED TO WEATHER SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123. PROVIDE VENT HOLES AS REQUIRED. TOUCH UP ALL DAMAGED COATING WITH HOT STICK GALVANIZING PER ASTM A780. SEE ARCHITECT FOR PAINTING.

12. METAL ROOF DECK.
1.5820 GALVANIZED STEEL ROOF DECK BY VULCRAFT OR APPROVED EQUAL. DECK TO BE CONTINUOUS OVER 3 OR MORE SPANS.
A. DECK PROPERTIES
1. DEPTH: 1 1/2"
2. GAGE: 20
3. MIN. SECTION MODULUS (POSITIVE): 0.234 IN³/PER FT.
4. MIN. SECTION MODULUS (NEGATIVE): 0.247 IN³/PER FT.
5. MIN. MOMENT OF INERTIA (POSITIVE): 0.201 IN⁴/PER FT.
6. MIN. MOMENT OF INERTIA (NEGATIVE): 0.222 IN⁴/PER FT.
7. DESIGN THICKNESS: 0.028"
8. ALLOWABLE STRESS: 33 KSI
B. DECK FASTENING PATTERN:
1. SUPPORT FASTENERS: 5/8" VISIBLE DIAMETER ARC SPOT WELD
2. SUPPORT FASTENER PATTERN: 367
3. SIDELAP FASTENERS: #10 TEK @ 12"

13. OPEN WEB STEEL JOISTS AND JOIST GIRDERS.
A. OPEN WEB STEEL JOISTS AND JOIST GIRDERS SHALL CONFORM TO LATEST EDITIONS OF S.J.I. STANDARD SPECIFICATIONS AND CODE OF STANDARD PRACTICE FOR STEEL JOIST AND JOIST GIRDERS.
B. BASIS OF DESIGN ASD
C. BEARING SEAT MINIMUM CONNECTIONS TO SUPPORTING STRUCTURE:
1. K-SERIES JOISTS: 2'-2" LONG, 1/8" FILLET WELDS, 4" TOTAL
2. LHDLH SERIES JOISTS: 2'-2" LONG, 1/4" FILLET WELDS, 4" TOTAL
3. JOIST GIRDERS: SEE DRAWINGS
D. BRIDGING/UPLIFT DESIGN:
1. PROVIDE ALL BRIDGING AND BRACING, INCLUDING THE BRIDGING AND BRACING AT THE FIRST BOTTOM CHORD PANEL POINT AT EACH END OF THE JOIST REQUIRED FOR UPLIFT DESIGN, AS REQUIRED BY S.J.I. SPECIFICATIONS. ALL BRIDGING AND BRACING SHALL BE FIELD WELDED UNLESS NOTED OTHERWISE. ALL CONTINUOUS BRIDGING AND BRACING MUST BE CONNECTED TO ALL AND ANY BEAMS AND STRUCTURAL WALLS WHICH ARE PARALLEL TO JOISTS. SEE DRAWINGS FOR TYPICAL BRIDGING TERMINATION CONNECTION DETAILS.
2. JOISTS AND BRIDGING AT ROOF SHALL BE DESIGNED FOR A NET UPLIFT. THE NET UPLIFT LOAD COMBINATION SHALL BE CALCULATED BY SUBTRACTING 6 PSF FROM THE APPROPRIATE VALUE (BASED ON EFFECTIVE WIND AREA (EWA) AND ZONE) TAKEN FROM THE WIND CHART REFERENCED UNDER THE DESIGN LOADS. SEE GENERAL NOTE 18 AND ROOF WIND ZONE DIAGRAM DETAIL.
3. THE MANUFACTURER SHALL FURNISH COMPLETE DESIGN CALCULATIONS TO THE ARCHITECT FOR RECORD PURPOSES.

14. MECHANICAL EQUIPMENT:
A. PRIOR TO THE DETAILING OF ANY STRUCTURAL MATERIALS INVOLVED IN THE SUPPORT OF MECHANICAL EQUIPMENT, THE CONTRACTOR SHALL FURNISH TO THE ARCHITECT ALL INFORMATION RELATIVE TO LOADS, LOAD POINTS, DIMENSIONS, ETC. OF THE ACTUAL EQUIPMENT WHICH IS TO BE FURNISHED.
B. ALL DEELS AND MEMBER SIZES SHOWN ON THE STRUCTURAL DRAWINGS ARE TENTATIVE UNTIL SUCH TIME AS THIS INFORMATION IS REVIEWED BY THE ARCHITECT.
C. LOCATION OF SUPPORT BEAMS MUST BE COORDINATED WITH MECHANICAL EQUIPMENT LOCATIONS.
D. COORDINATION MUST BE MADE BY THE CONTRACTOR AT HIS EXPENSE TO FOLLOW THE ABOVE GUIDELINES.

15. POST-INSTALLED ANCHORS TO HARDENED CONCRETE.
A. IN THE INSTALLATION OF ANCHORS, CARE SHALL BE EXERCISED SO AS NOT TO NICK OR CUT EXISTING REINFORCING, CONDUIT, ETC. SEE GENERAL NOTE 3 FOR PROCEDURE FOR DRILLING HOLES IN EXISTING CONCRETE.
B. UNLESS NOTED OTHERWISE, POST-INSTALLED ANCHORS SHALL CONSIST OF THE FOLLOWING ANCHOR TYPES AS PROVIDED BY HILTI, INC. OR APPROVED EQUIPMENT:
1. ANCHORAGE TO CONCRETE:
A. ADHESIVE ANCHORS: HILTI HIT-HY 200 SAFE SET SYSTEM WITH HAS-E THREADED ROD.
B. REBAR DOWELING: HILTI HIT-HY 200 SAFE SET SYSTEM.
C. EXPANSION ANCHORS: HILTI KWIK BOLT 3
2. ANCHORAGE TO SOLID GROUTED MASONRY: HILTI HIT-HY 270 MASONRY ADHESIVE ANCHORING SYSTEM
3. ANCHORAGE TO HOLLOW / MULTI-WYTHE MASONRY: HILTI HIT-HY 270 MASONRY ADHESIVE ANCHORING SYSTEM
C. INSTALL ANCHORS AS PER THE MANUFACTURER'S INSTRUCTIONS, AS INCLUDED IN THE ANCHOR PACKAGING.
D. OVERHEAD ADHESIVE ANCHORS MUST BE INSTALLED USING THE HILTI PROFIS SYSTEM.
E. THE CONTRACTOR SHALL ARRANGE AN ANCHOR MANUFACTURER'S REPRESENTATIVE TO PROVIDE ON-SITE INSTALLATION TRAINING FOR ALL OF THEIR ANCHORING PRODUCTS SPECIFIED. THE STRUCTURAL ENGINEER OF RECORD MUST RECEIVE DOCUMENTED CONFIRMATION THAT ALL OF THE CONTRACTOR'S PERSONNEL WHO INSTALL ANCHORS ARE TRAINED PRIOR TO THE COMMENCEMENT OF INSTALLING ANCHORS.
F. ANCHOR CAPACITY IS DEPENDANT UPON SPACING BETWEEN ADJACENT ANCHORS AND PROXIMITY OF ANCHORS TO EDGE OF CONCRETE. INSTALLATION OF ANCHORS SHALL BE IN ACCORDANCE WITH SPACING AND EDGE CLEARANCES INDICATED ON THE CONTRACT DRAWINGS.

16. OTHER WORK:
COORDINATE ALL OTHER WORK WITH STRUCTURAL. UNLESS DETAILED OR SPECIFIED, THE ARCHITECT IS TO APPROVE ALL OPENINGS, SLEEVES, EMBEDDED ITEMS ETC. INVOLVED IN STRUCTURAL WORK PRIOR TO THEIR BEING SET. DO NOT CUT OR DRILL HOLES IN STRUCTURAL MEMBERS WITHOUT THE APPROVAL OF THE ARCHITECT. ALL SUCH ITEMS SHALL NOT IMPAIR THE STRUCTURAL INTEGRITY OF THE MEMBER AS DETERMINED BY THE ENGINEER OF RECORD.

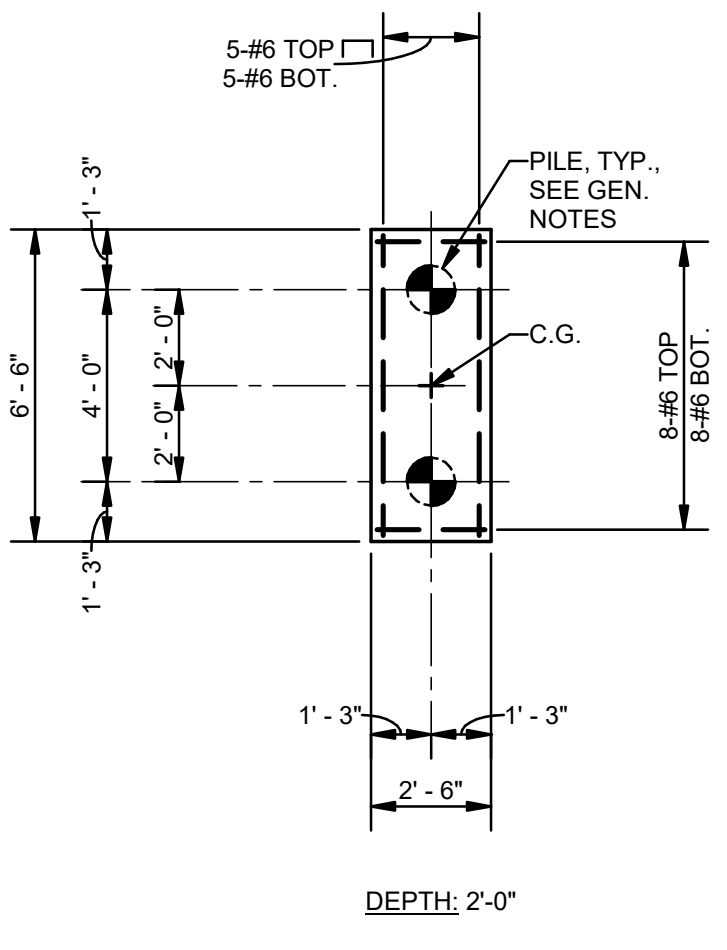
17. CONCRETE MASONRY UNIT CONSTRUCTION:
A. ALL MASONRY CONSTRUCTION SHALL BE IN ACCORDANCE WITH ACI 530/530.1-11 BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES.
B. ALL MASONRY UNITS SHALL BE IN ACCORDANCE WITH ASTM C 90.
C. ASSEMBLED CONCRETE MASONRY SHALL ATTAIN AN ULTIMATE NET AREA COMPRESSIVE STRENGTH (m) OF 1,500 PSI.
C. NET AREA COMPRESSIVE STRENGTH OF CONCRETE MASONRY UNITS: 1,900 PSI MIN.
D. ALL MORTAR SHALL BE TYPE S IN CONFORMANCE WITH ASTM C 270.
E. ALL REINFORCING STEEL SHALL BE IN ACCORDANCE WITH ASTM A615, GRADE 60. SEE DETAILS FOR HORIZONTAL AND VERTICAL REINFORCING REQUIREMENTS. VERTICAL REINFORCING SHALL BE POSITIVELY SECURED IN PLACE AT 4'-0" MAX.
F. THE MASONRY CONTRACTOR SHALL BUILD, REINFORCE AND GROUT THE WALLS IN 4'-0" LIFTS (MAX.) VIBRATING THE GROUT IMMEDIATELY AFTER PLACEMENT.
G. ALL REINFORCED CELLS SHALL BE FULLY GROUTED FROM TOP TO BOTTOM. GROUT SHALL BE 3,000 PSI FINE GROUT IN ACCORDANCE WITH ASTM C476.
H. VERTICAL BARS SHALL BE LAP SPLICED AS FOLLOWS:

18. DESIGN LOADS AND OTHER PERTINENT DESIGN INFORMATION:
A. BUILDING CODE: INTERNATIONAL BUILDING CODE 2021 / ASCE 7-16
B. FLOOR LIVE LOAD
1. VARIES; SEE 8/5001
C. ROOF LIVE LOAD
1. 20 PSF
D. ROOF SNOW LOAD
1. GROUND SNOW LOAD (P_g) 0 PSF
E. WIND LOAD
1. WIND SPEEDS: V_{ult} = 146 MPH; V_{mbd} = 129 MPH
2. RISK CATEGORY: II
3. WIND EXPOSURE CATEGORY: B
4. INTERNAL PRESSURE COEFFICIENT: ±0.18
5. EDGE WIND 2' FEET
6. COMPONENTS AND CLADDING PRESSURES:

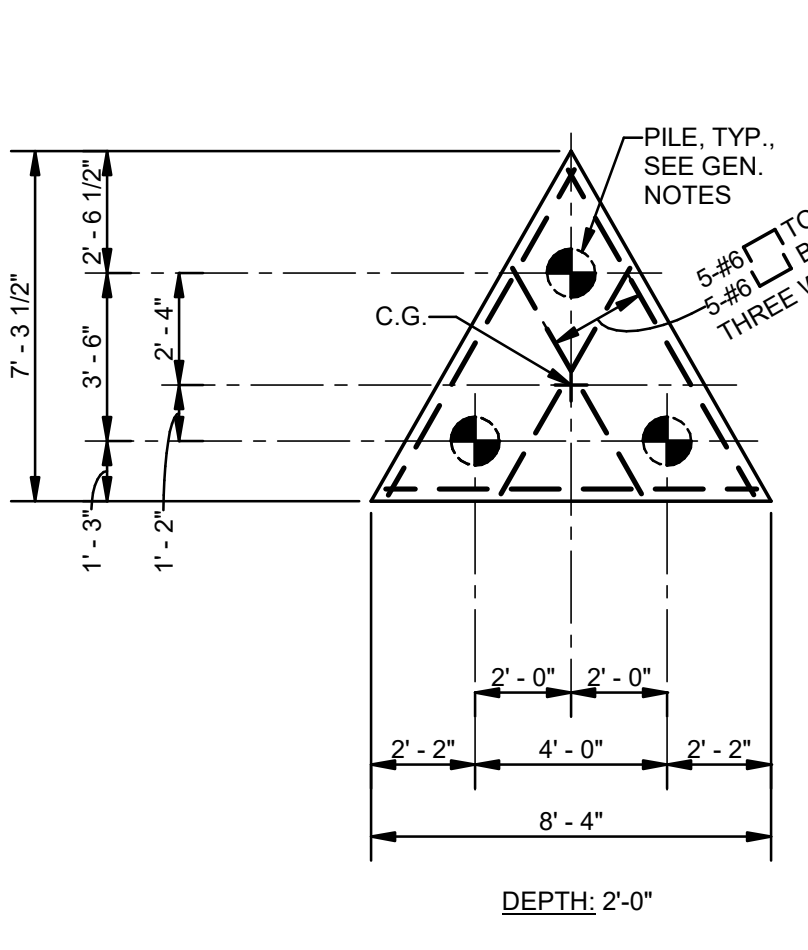
COMPONENTS AND CLADDING DESIGN PRESSURES (PSF)

ZONE	EWA (FT ²)	WIND DIRECTION					OVERLAP				
		1	2	3	4	5	2	3			
≤10	16	-61	16	-81	16	-110	35	-37	48	-75	104
20	15	-57	15	-76	15	-99	33	-36	35	-63	92
50	14	-51	14	-69	14	-85	32	-34	34	-58	76
100	12	-48	12	-64	12	-76	30	-32	32	-52	64
200	12	-45	12	-58	12	-66	27	-31	31	-45	52
≥500	12	-45	12	-55	12	-58	26	-29	28	-39	36

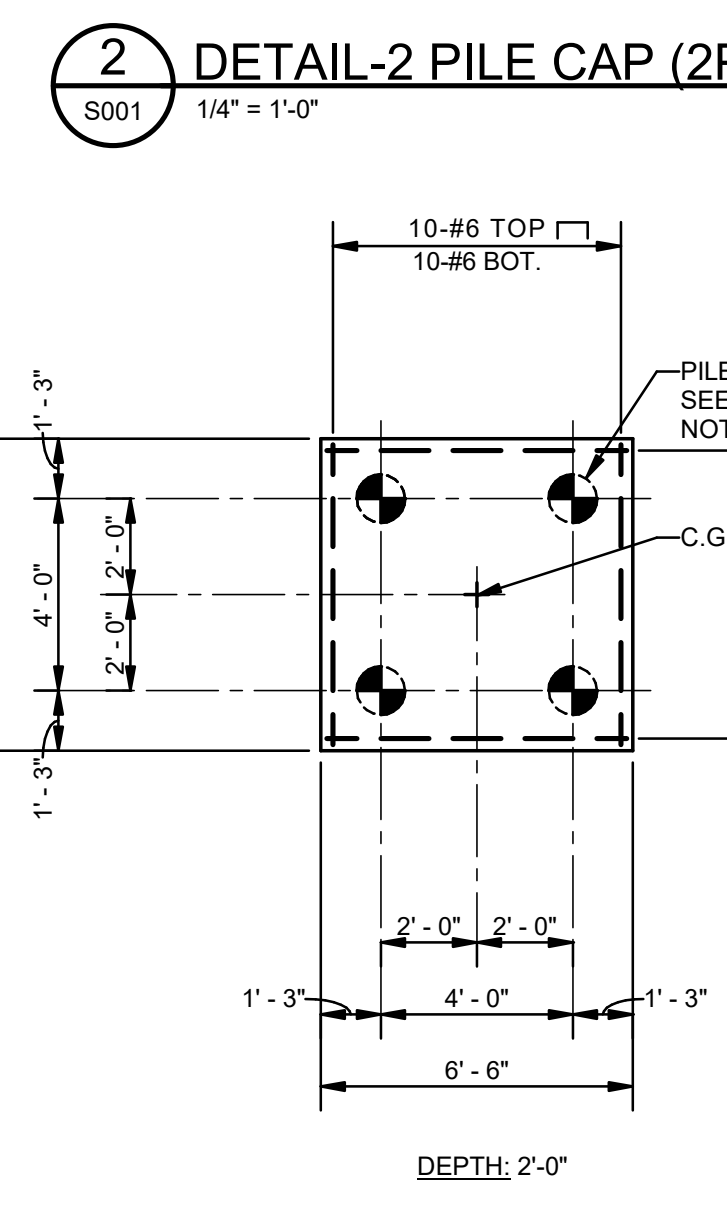
NOTES:
1.) EWA IS EFFECTIVE WIND AREA OF A STRUCTURAL COMPONENT.
2.) FOR ZONE DEFINITIONS, SEE ASCE 7-16 FIGURES 90-1.1 TO 90-4.5B.
3.) PLUS AND MINUS SIGNS SIGNIFY PRESSURES ACTING TOWARD AND AWAY FROM THE SURFACES, RESPECTIVELY.
4.) WIND PRESSURES ABOVE ARE BASED ON V_{ult}.



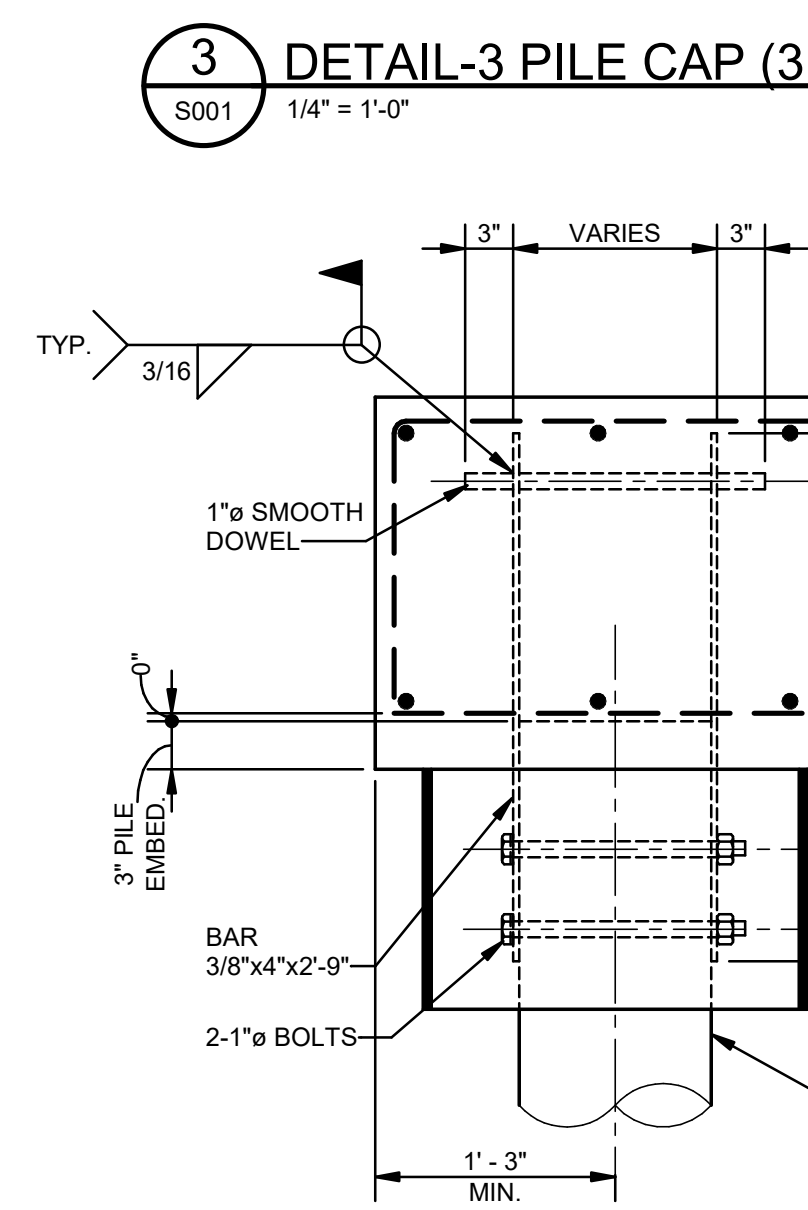
2 DETAIL-2 PILE CAP (2PA)(2PT)
S001 1/4" = 1'-0"



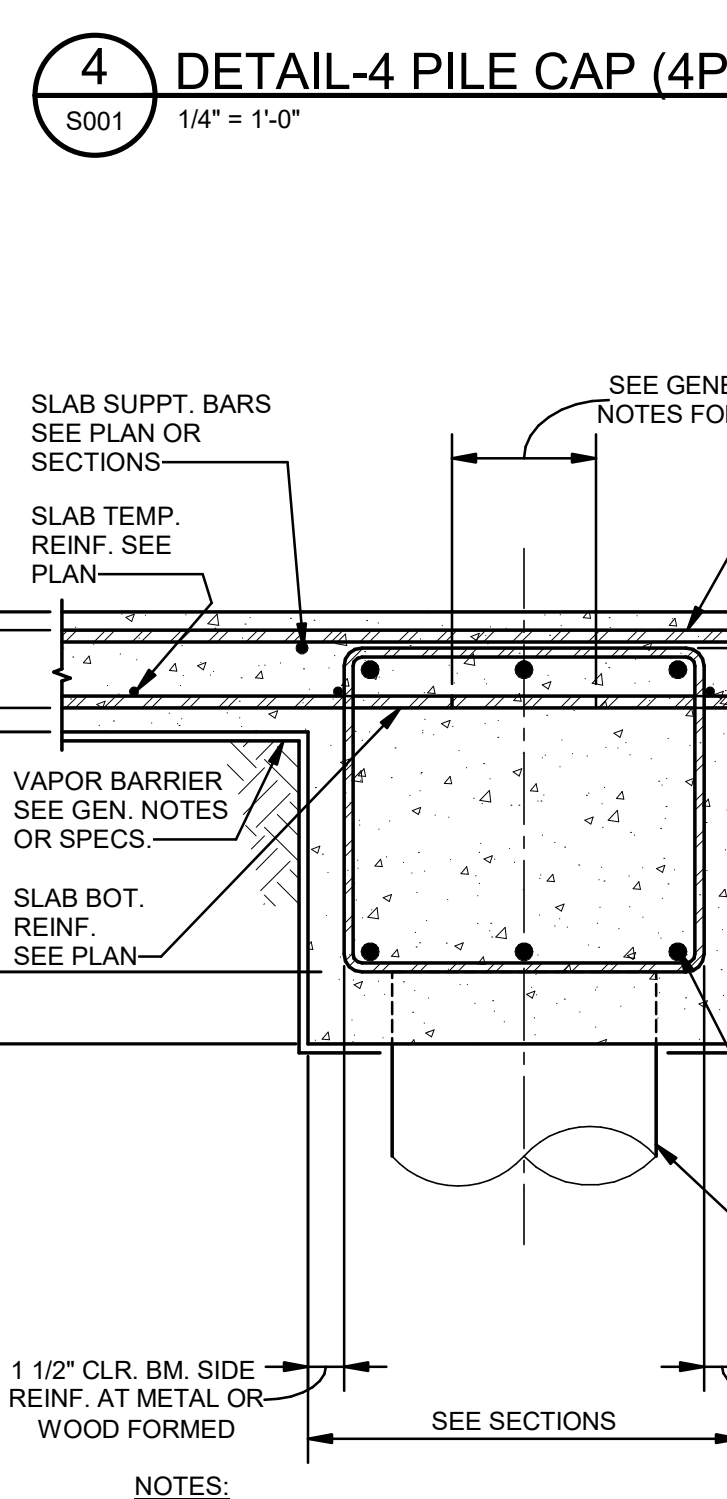
3 DETAIL-3 PILE CAP (3PA)(3PT)
S001 1/4" = 1'-0"



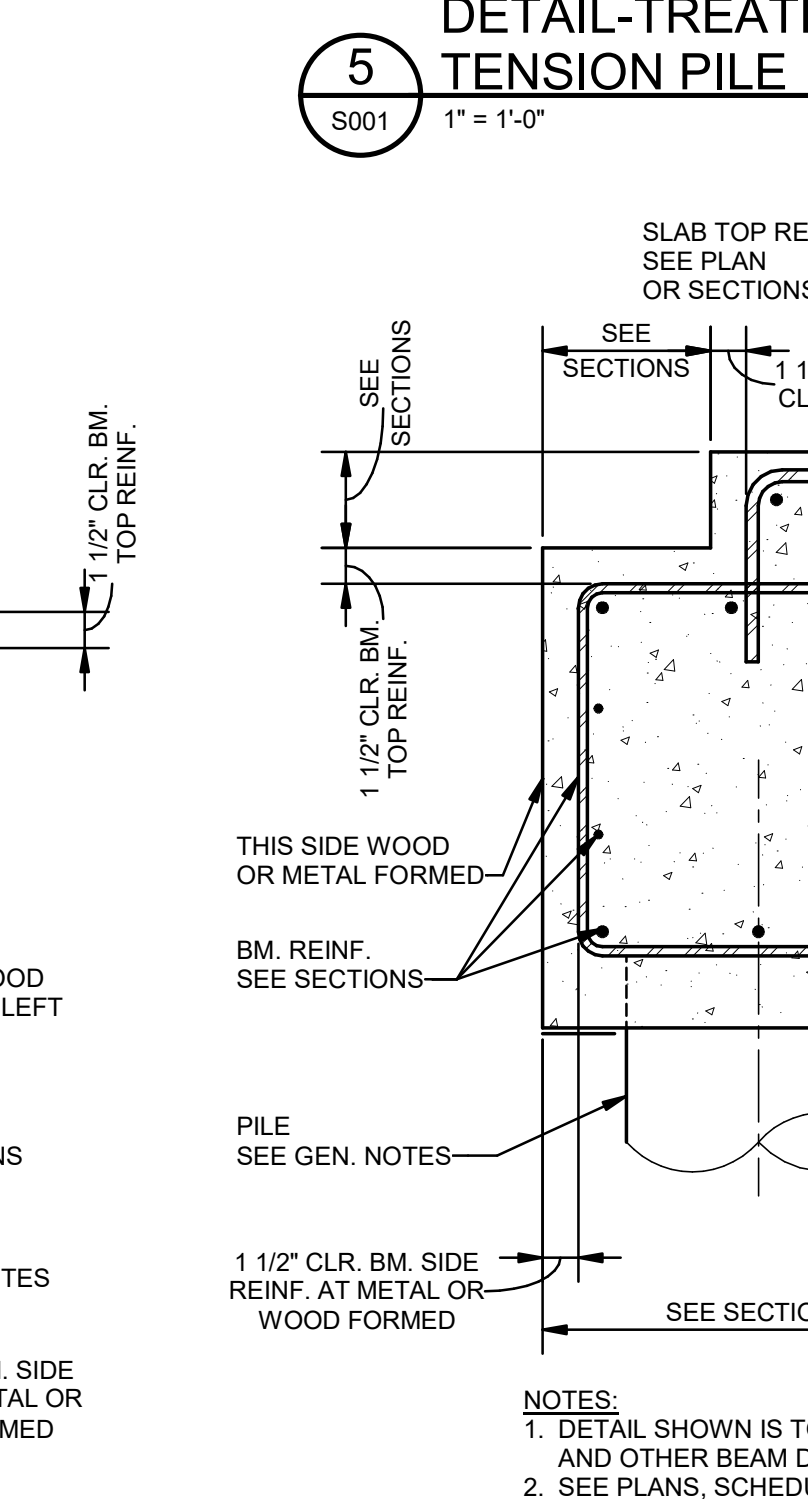
4 DETAIL-4 PILE CAP (4PA)(4PT)
S001 1/4" = 1'-0"



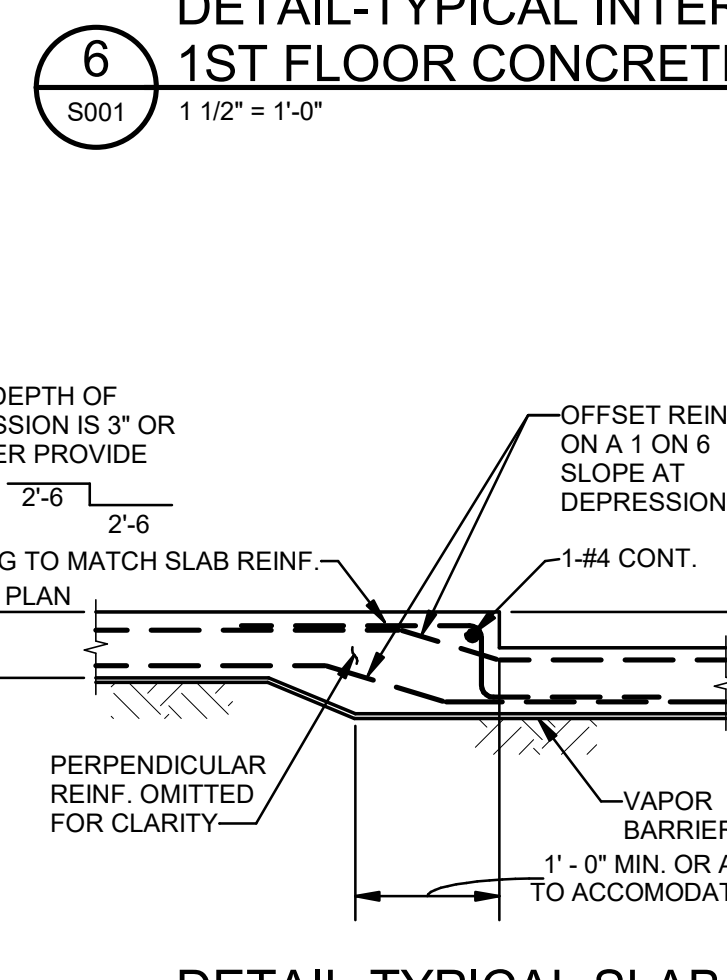
5 DETAIL-TREATED TIMBER TENSION PILE
S001 1" = 1'-0"



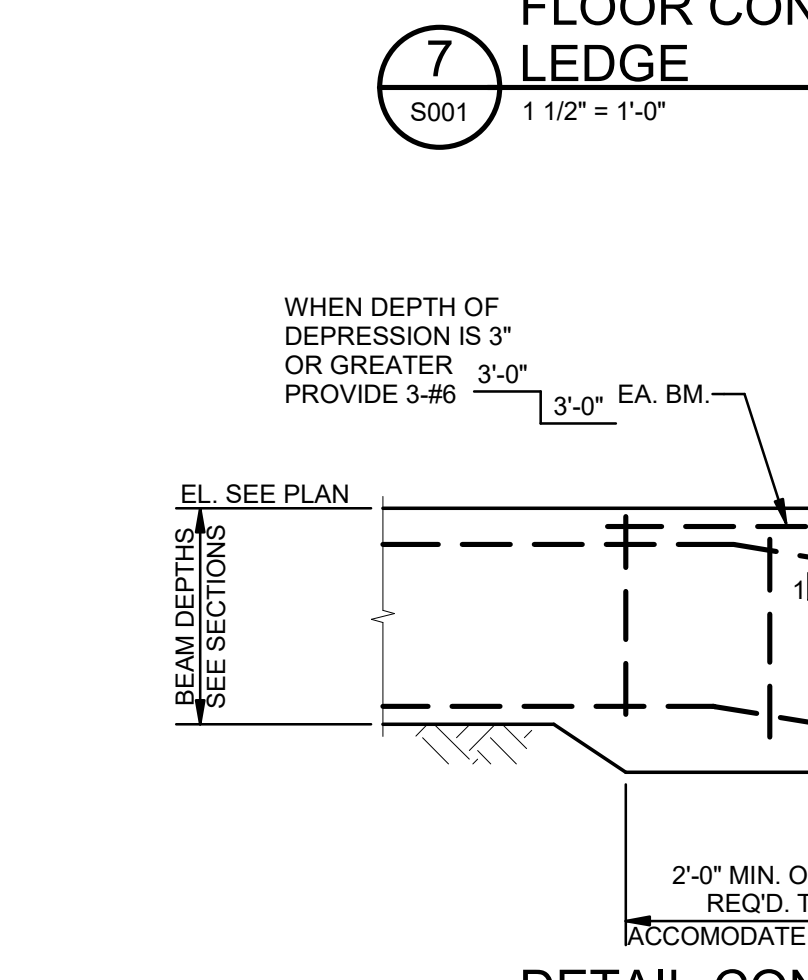
6 DETAIL-TYPICAL INTERIOR 1ST FLOOR CONCRETE BEAM
S001 1 1/2" = 1'-0"



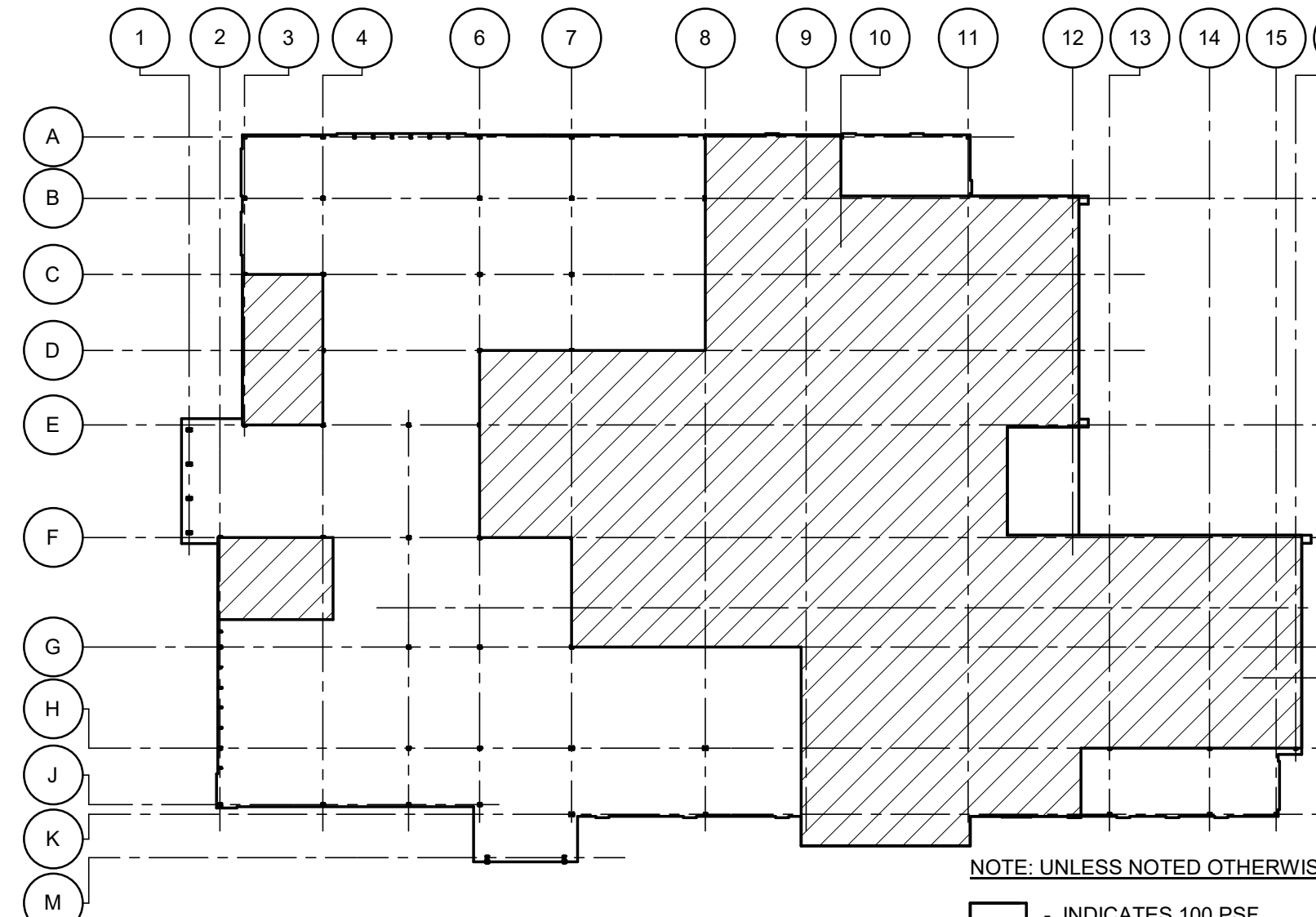
7 DETAIL-TYPICAL EXTERIOR 1ST FLOOR CONCRETE BEAM W/ LEDGE
S001 1 1/2" = 1'-0"



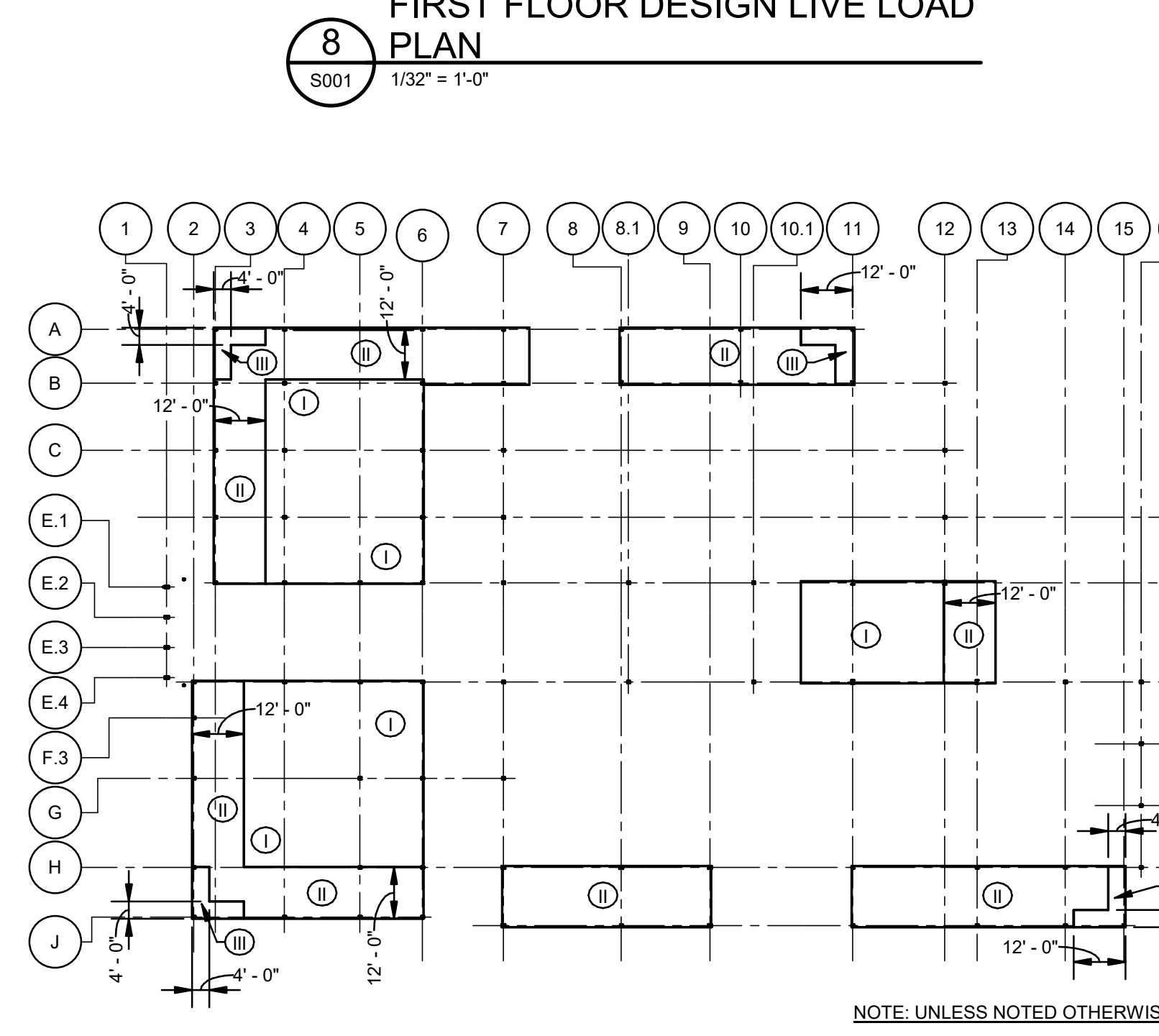
11 DETAIL-TYPICAL SLAB DEPRESSION
S001 NTS



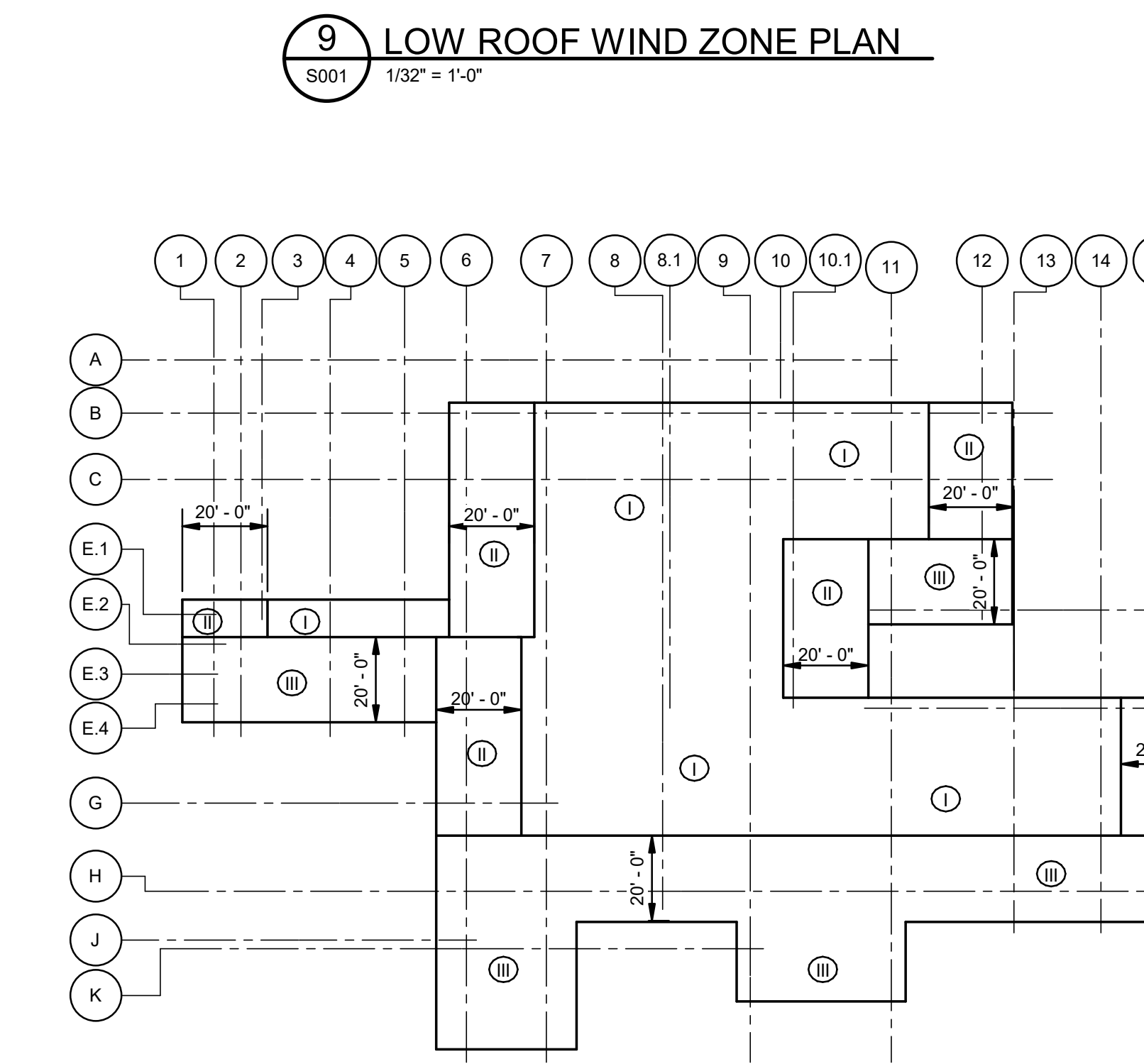
12 DETAIL-CONCRETE BEAM DEPRESSION
S001 NTS



8 FIRST FLOOR DESIGN LIVE LOAD PLAN
S001 1/32" = 1'-0"

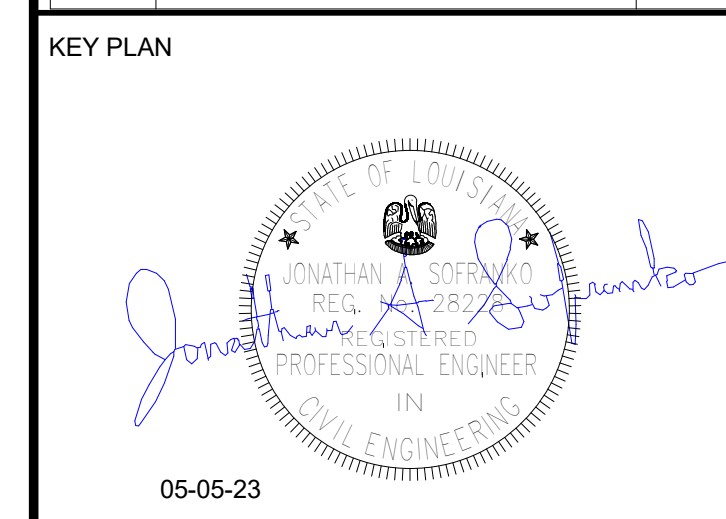


9 LOW ROOF WIND ZONE PLAN
S001 1/32" = 1'-0"



10 HIGH ROOF WIND ZONE PLAN
S001 1/32" = 1'-0"

No.	Description	Date
1	75% CD	04-02-20
2	95% CD	Date 2



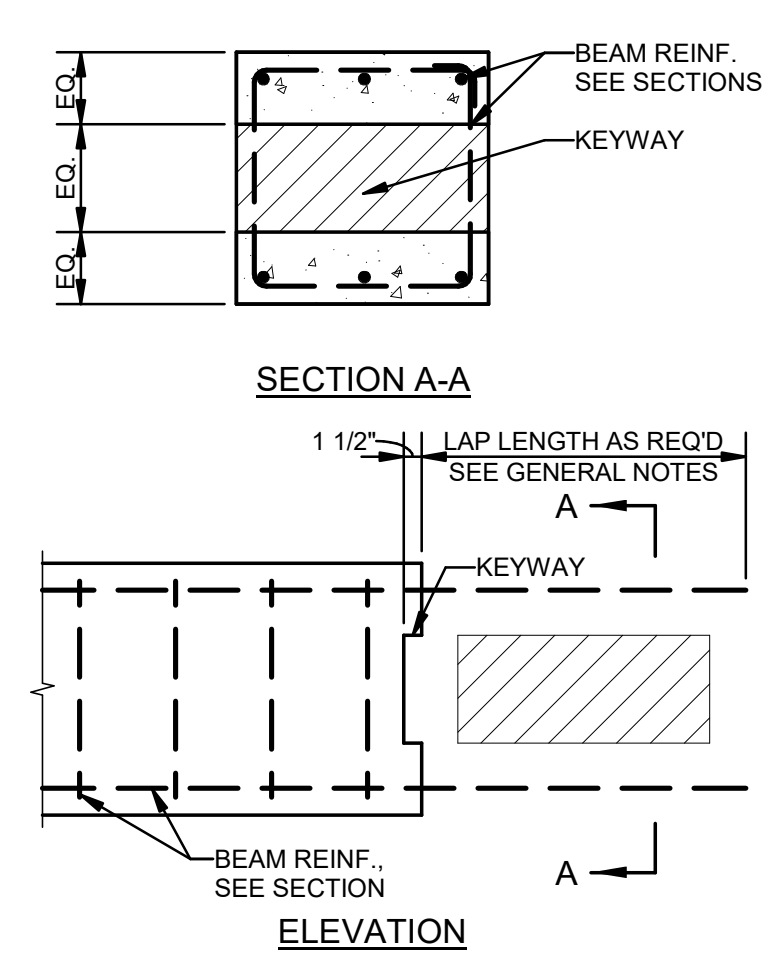
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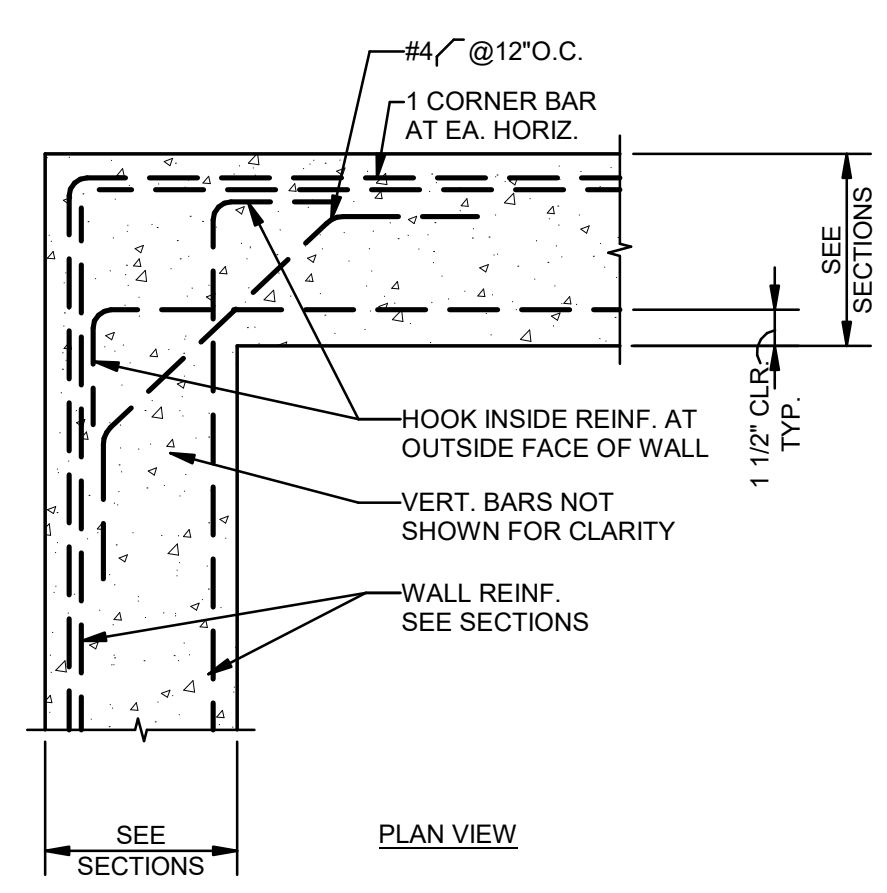
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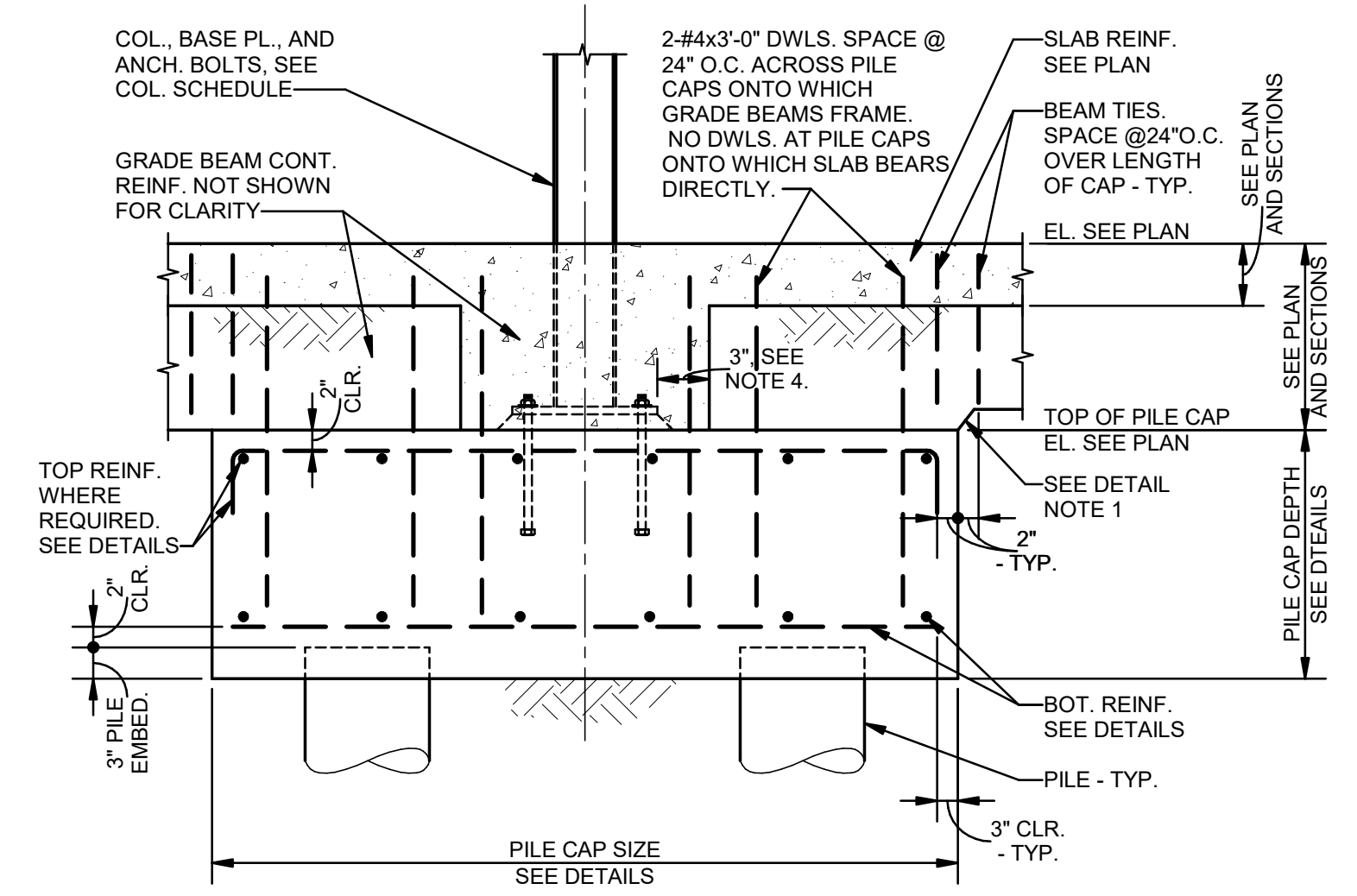
PERMIT DOCUMENTS
DESIGNED BY: JAS CHECKED BY: JAS
DRAWN BY: HSB DATE: 05.05.23
SHEET TITLE: GENERAL NOTES AND TYPICAL DETAILS
PROJECT NO.: MBA - 11884 SHEET NO.: ABM - 201803 S001
MORPHY MAKOFSKY INCORPORATED
CONSULTING ENGINEERS
(504) 488-1317
308 NO. 19192



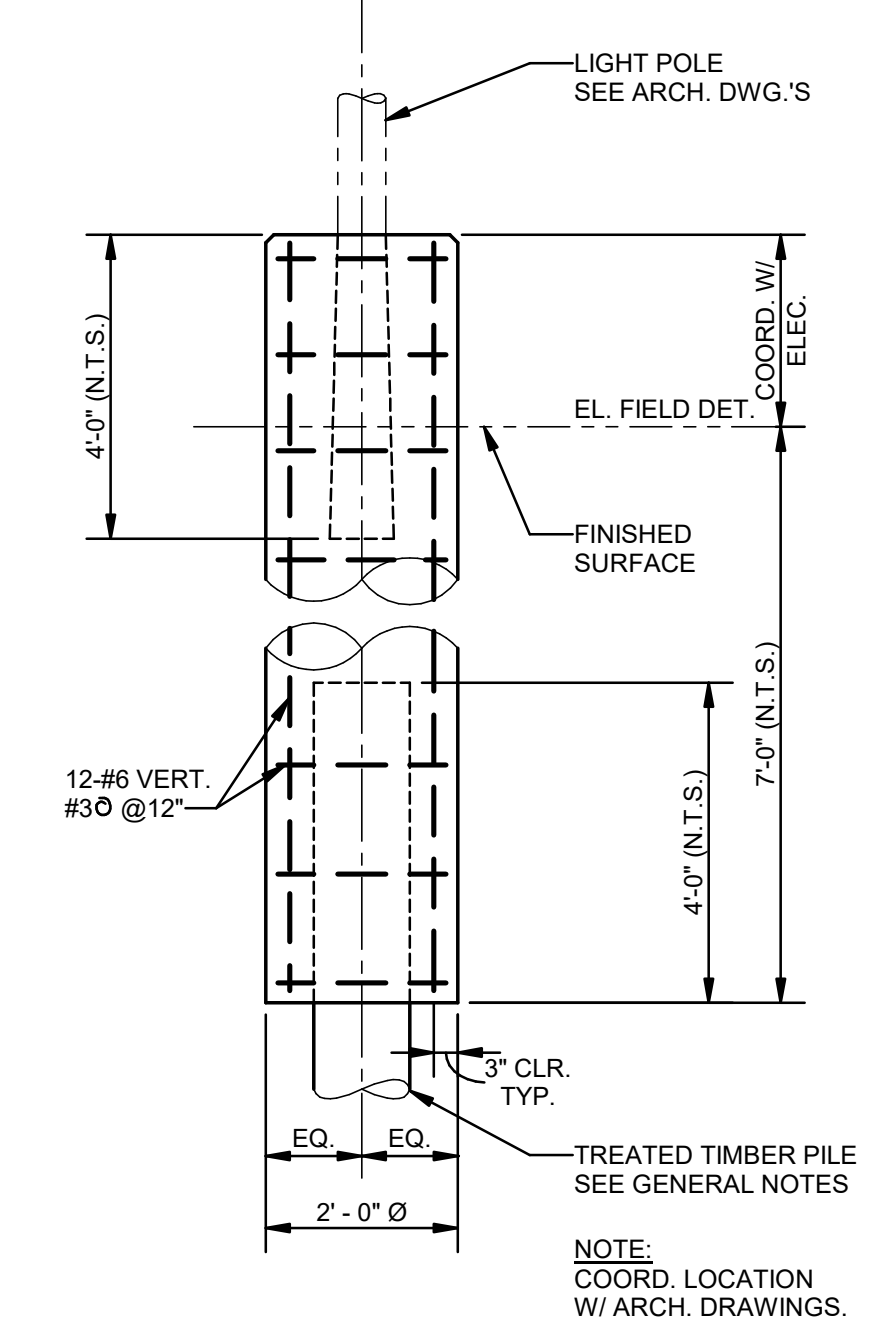
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S002 NTS
DETAIL-TYPICAL CONCRETE BEAM BULKHEAD



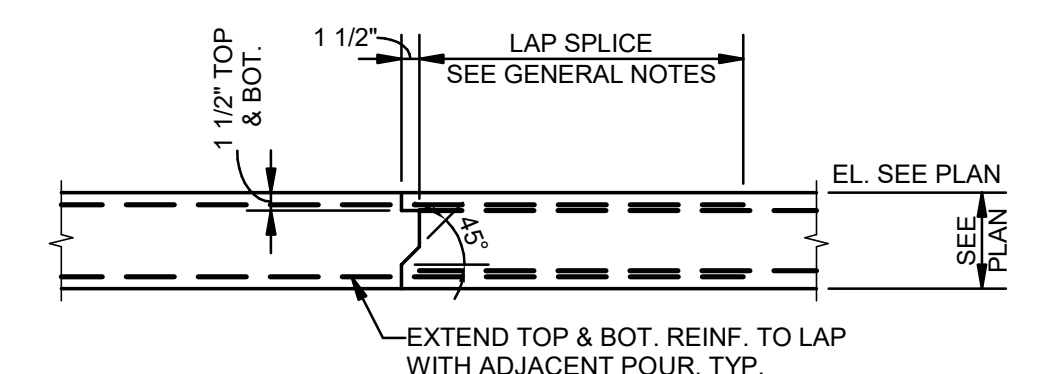
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S002 NTS
DETAIL-TYPICAL WALL REINFORCING LAYOUT



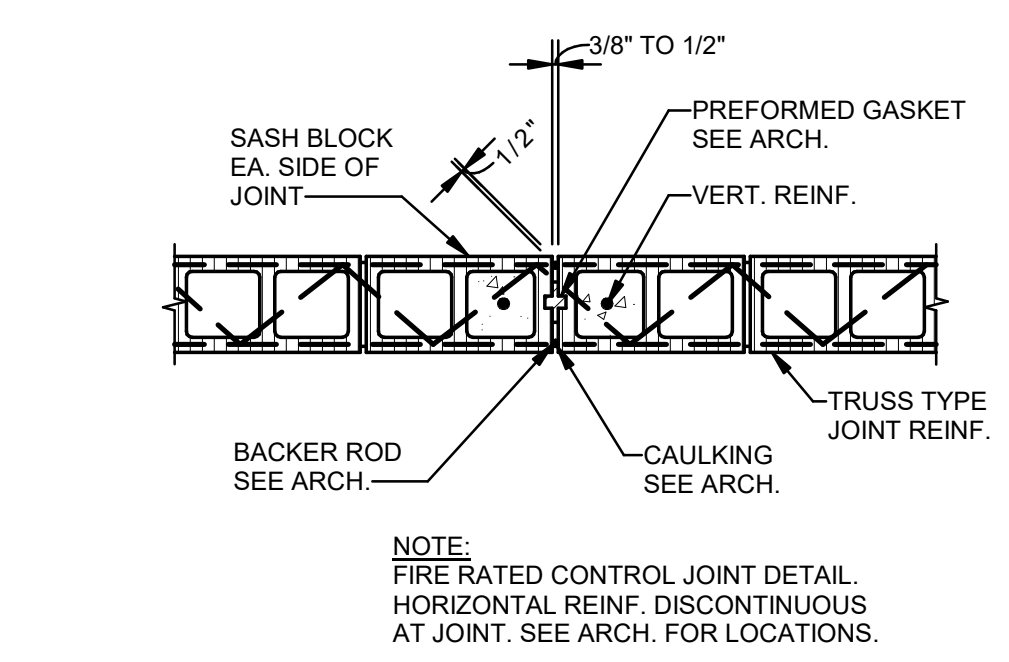
3
S002 3/4" = 1'-0"
DETAIL-TYPICAL PILE CAP W/ STEEL COLUMN



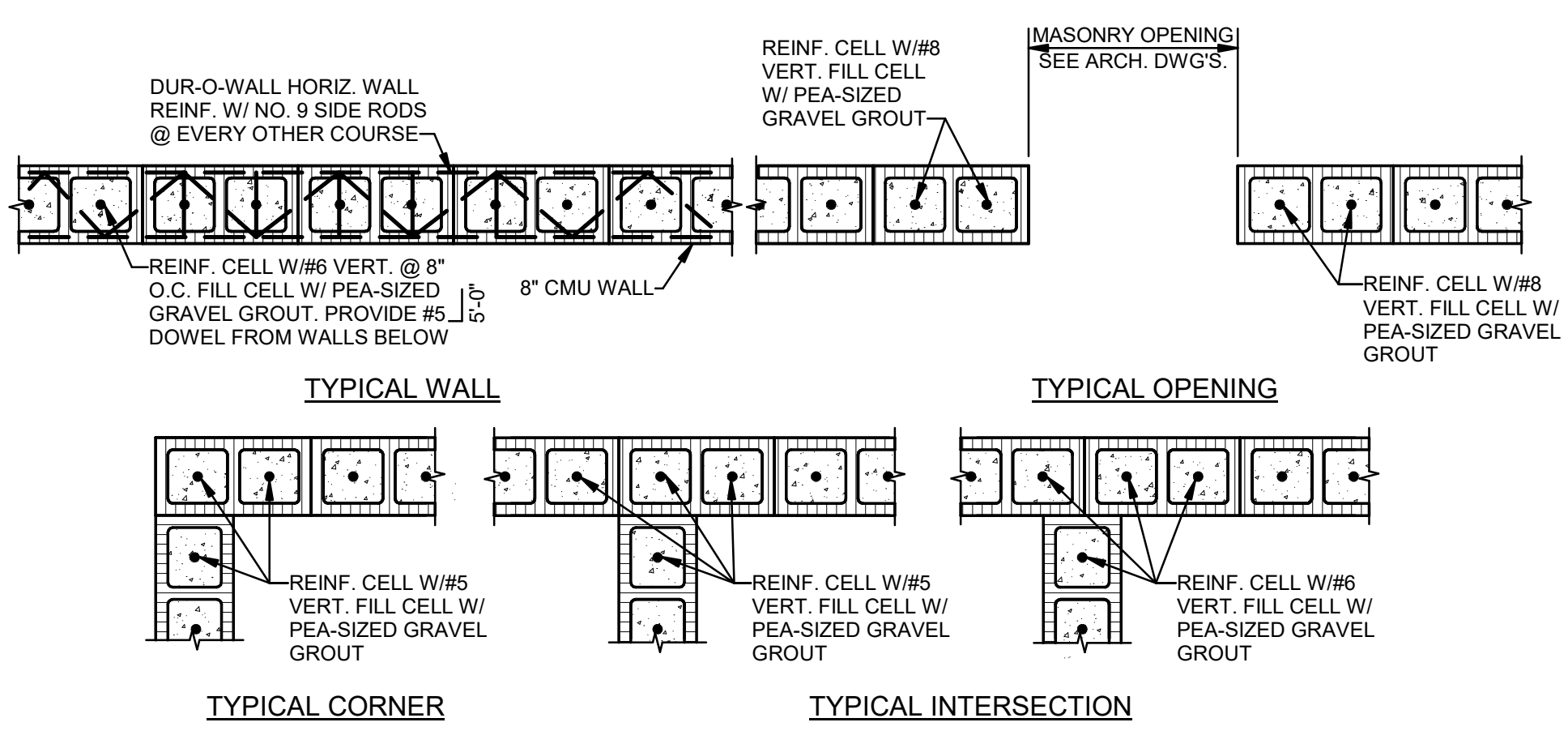
4
S002 NTS
DETAIL-LIGHT POLE FOUNDATION



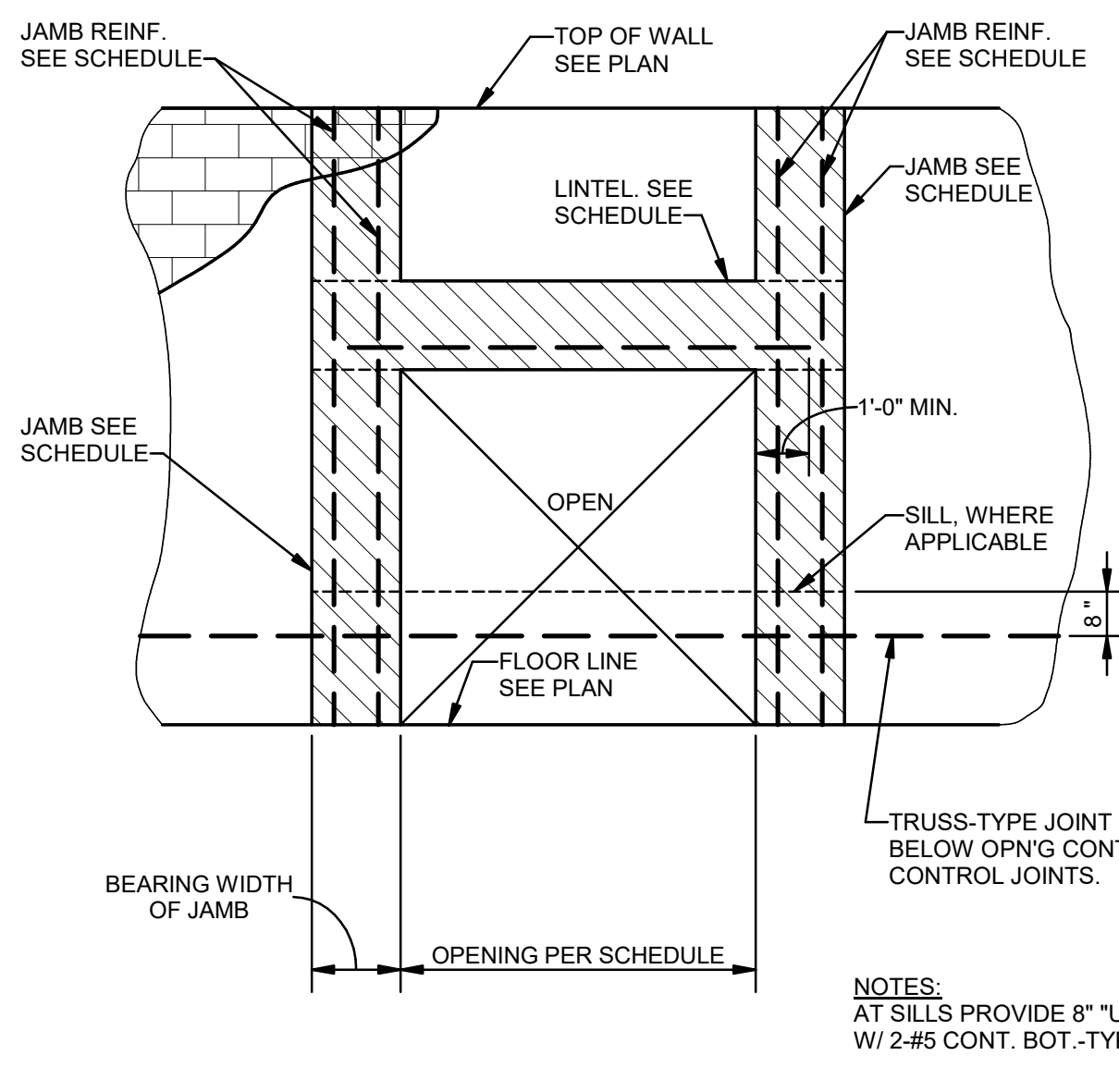
12
S002 NTS
DETAIL-TYPICAL FLOOR SLAB CONSTRUCTION JOINT



7
S002 NTS
TYPICAL CONTROL JOINT DETAIL

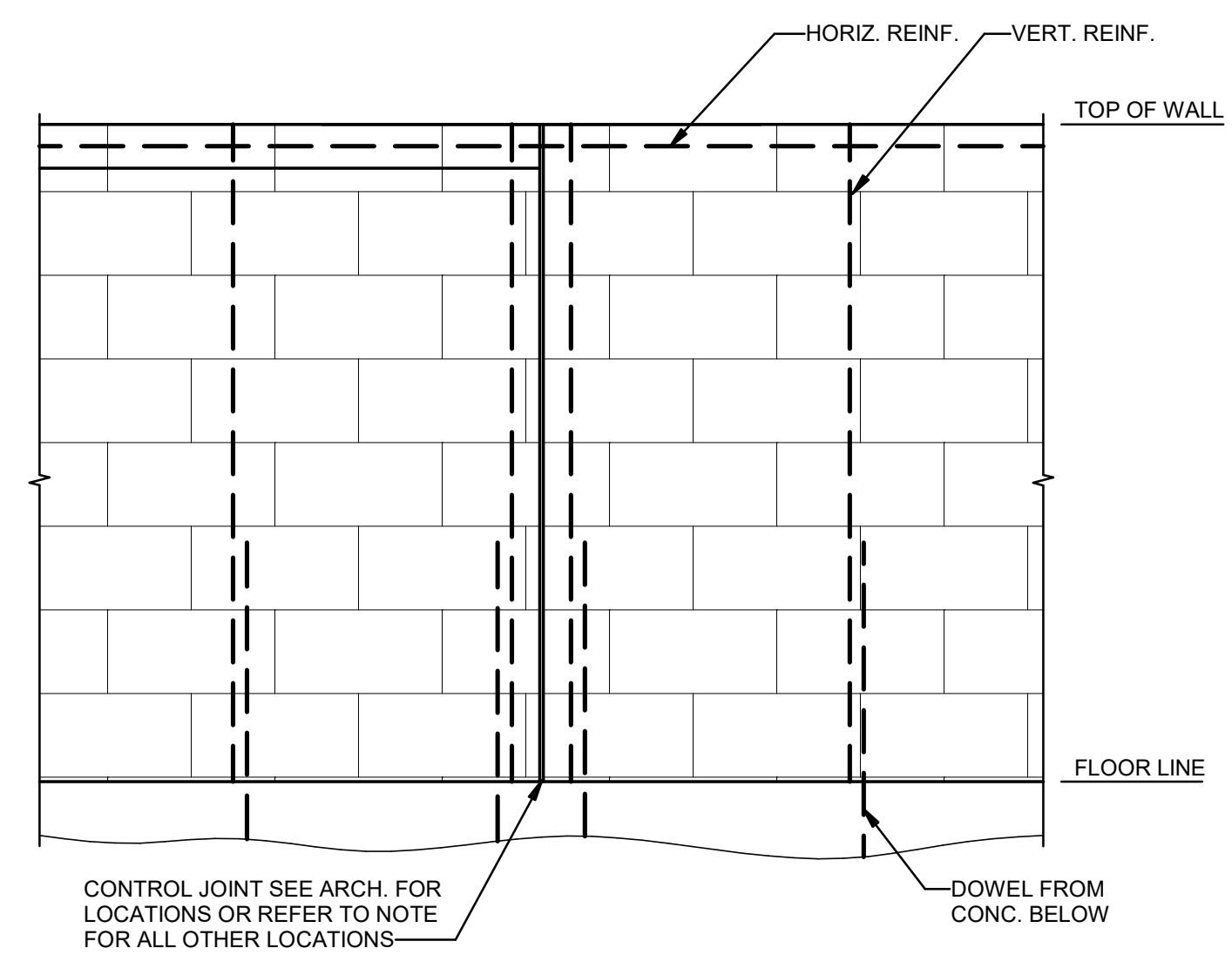


5
S002 NTS
TYPICAL DETAIL-CMU VERTICAL WALL REINFORCEMENT

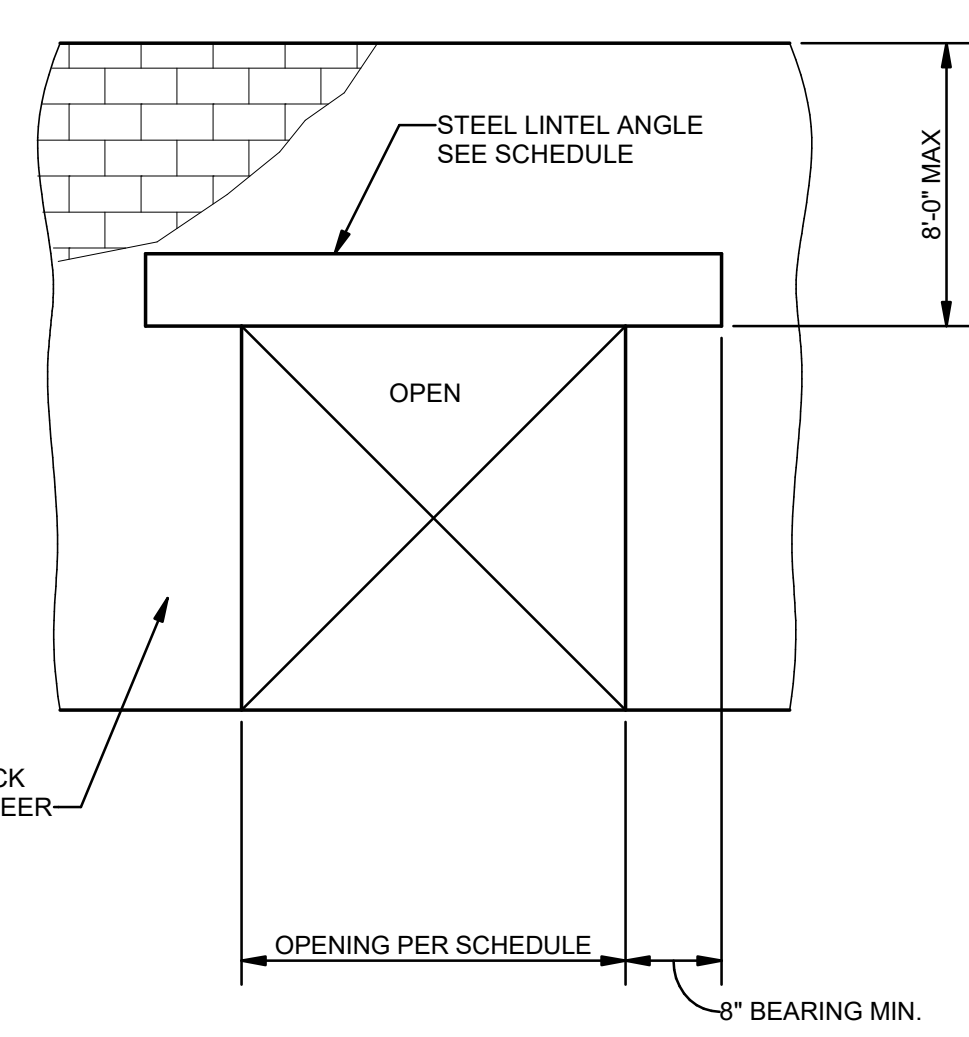


OPENING SIZE (UP TO & INCLUDING)	LINTEL/SILL "U-BLOCK" SIZE AND REINFORCING	BEAR EA. END FULL DIMENSIONS SHOWN
4'-0"	16" "U-BLOCK" 2-#4 CONT. BOT.	8x16 2-#5 VERT
6'-0"	16" "U-BLOCK" 2-#4 CONT. BOT.	8x16 2-#5 VERT
9'-0"	16" "U-BLOCK" 2-#5 CONT. BOT.	8x16 2-#6 VERT
11'-0"	16" "U-BLOCK" 2-#5 CONT. TOP & BOT.	8x16 2-#7 VERT

6
S002 NTS
CMU LINTEL/SILL SCHEDULE INT./EXT. WALL OPENINGS

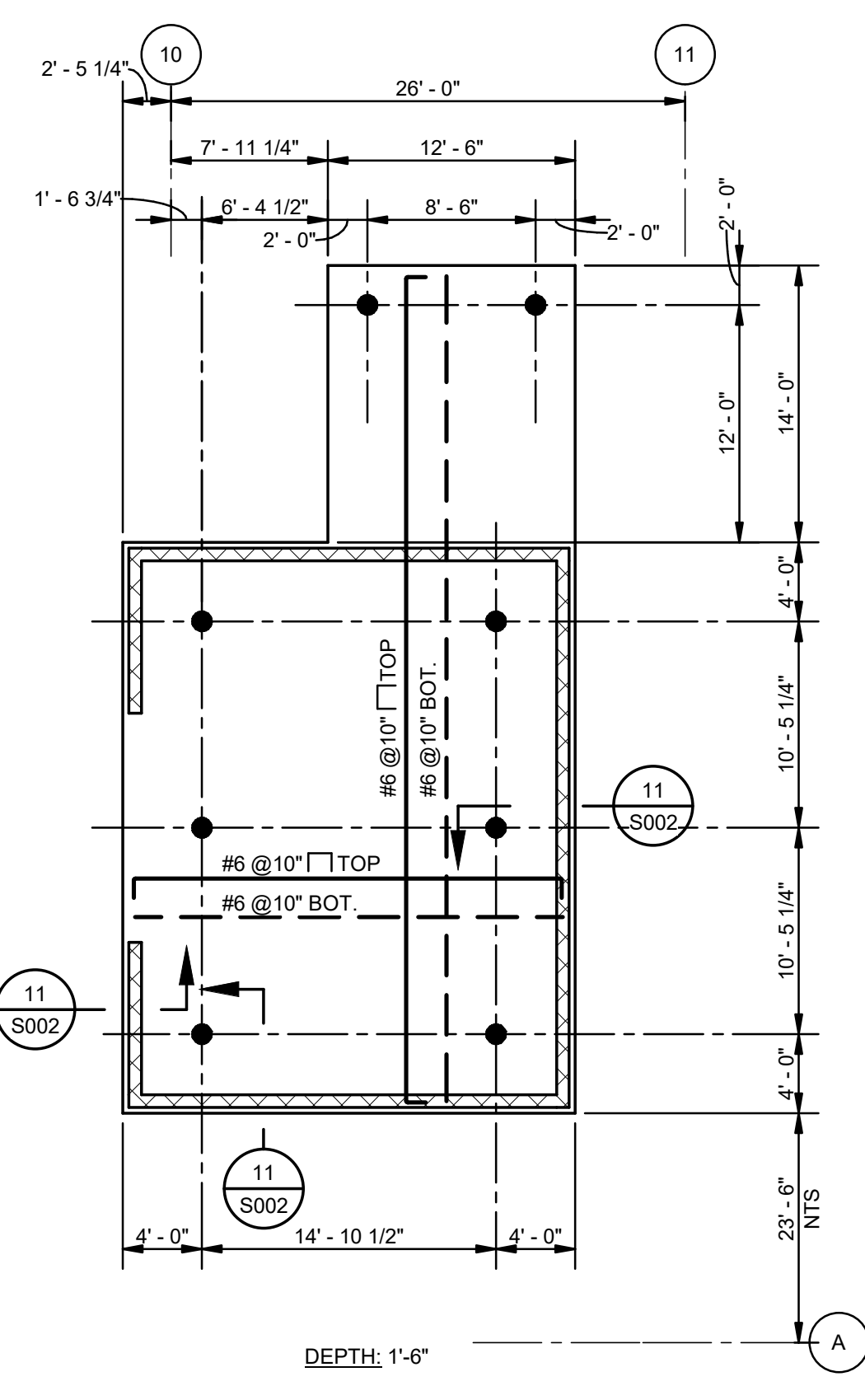


8
S002 NTS
CONTROL JOINT DETAIL-ELEVATION OF MASONRY WALL WITH CONTROL JOINT



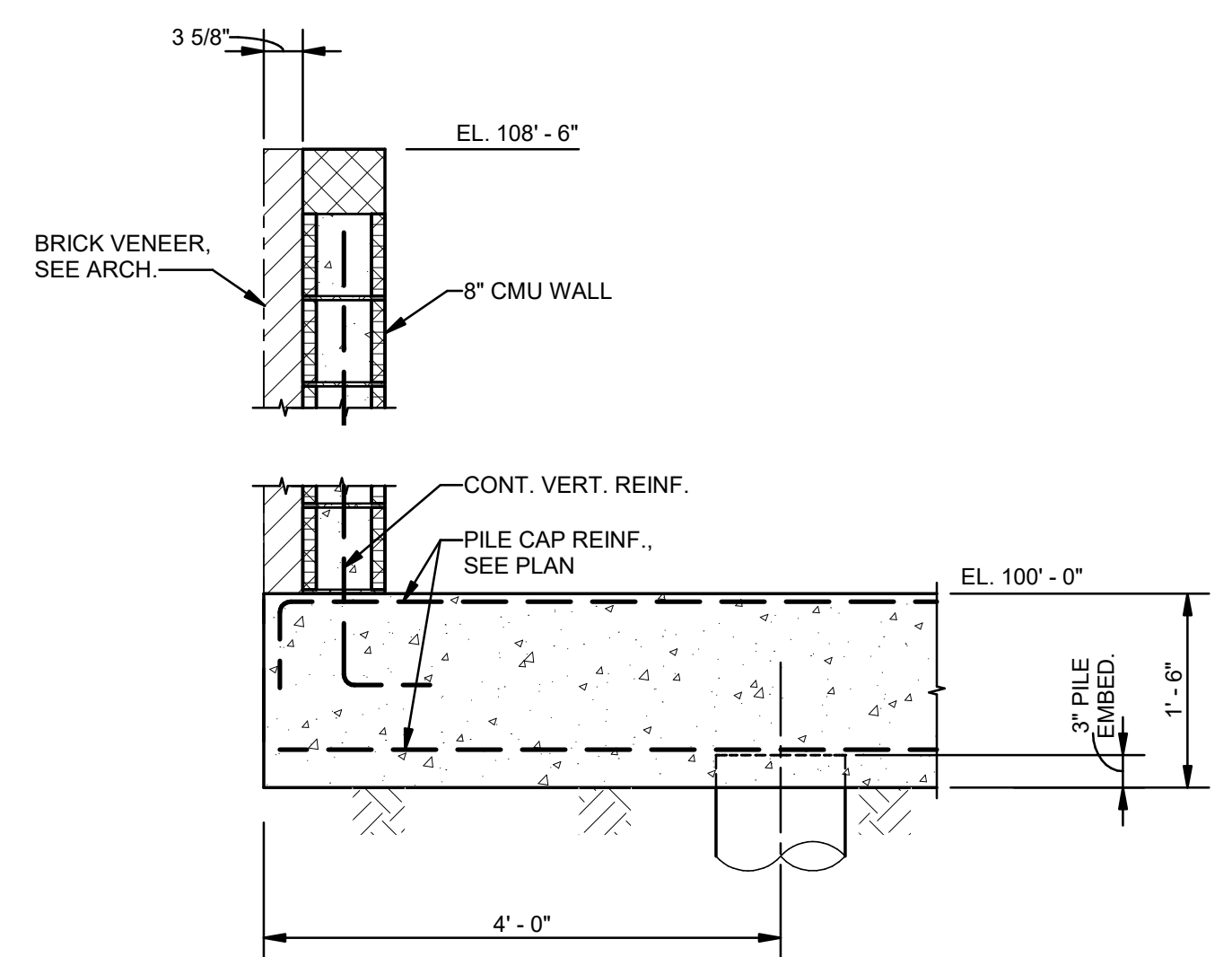
OPENING SIZE (UP TO & INCLUDING)	SIZE OF LINTEL
4'-0"	L3-1/2x3-1/2x3/8
6'-0"	L5-1/2x3-1/2x3/8 (LLV)
8'-0"	L7x4x3/8 (LLV)
10'-0"	BENT PL3/8"x4"x0'-9" (LLV)

9
S002 3/4" = 1'-0"
LINTEL SCHEDULE-STEEL ANGLES



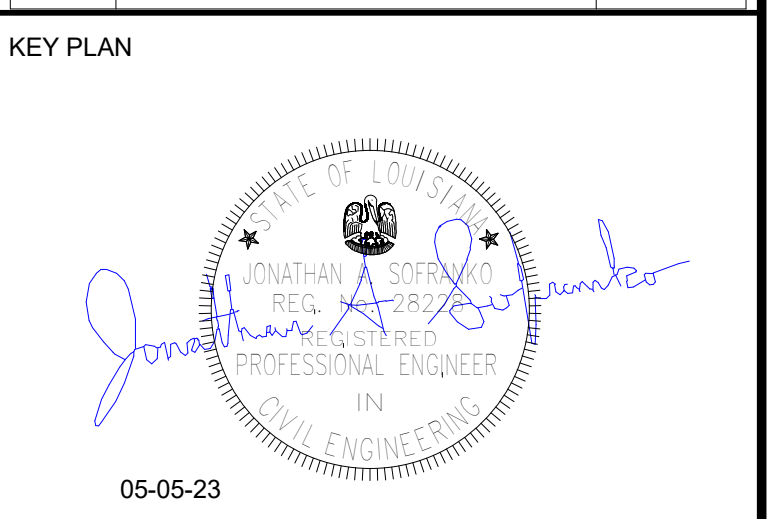
10
S002 1/8" = 1'-0"
CHILLER YARD PILE CAP PLAN

TRANSFORMER PAD FOUNDATION TBD



11
S002 3/4" = 1'-0"
SECTION

No.	Description	Date
1	75% CD	04-02-20
2	95% CD	Date 2

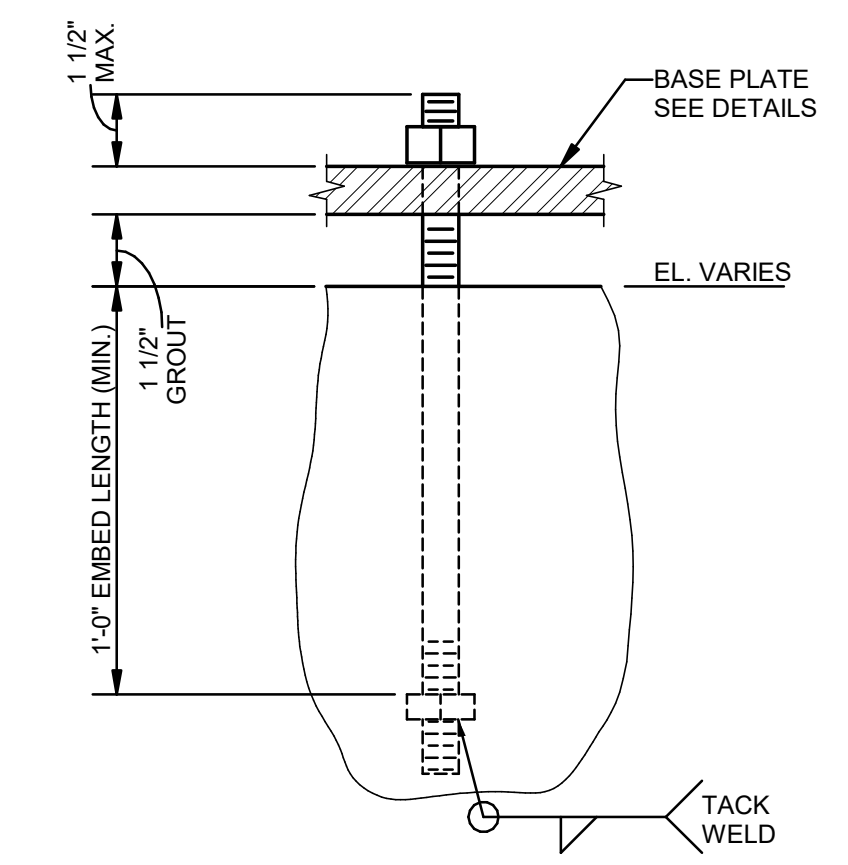


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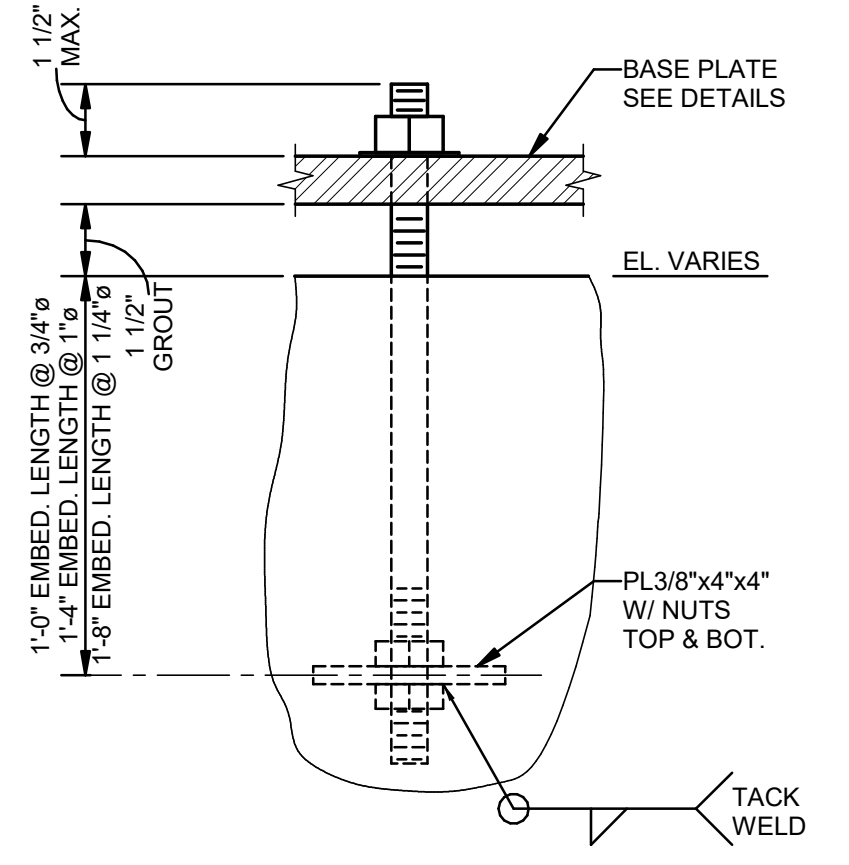
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DRAWN BY HSB DATE 05.05.23
SHEET TITLE
CONCRETE AND CMU TYPICAL DETAILS
PROJECT NO. MBA - 11884
ABM - 201803
SHEET NO. S002



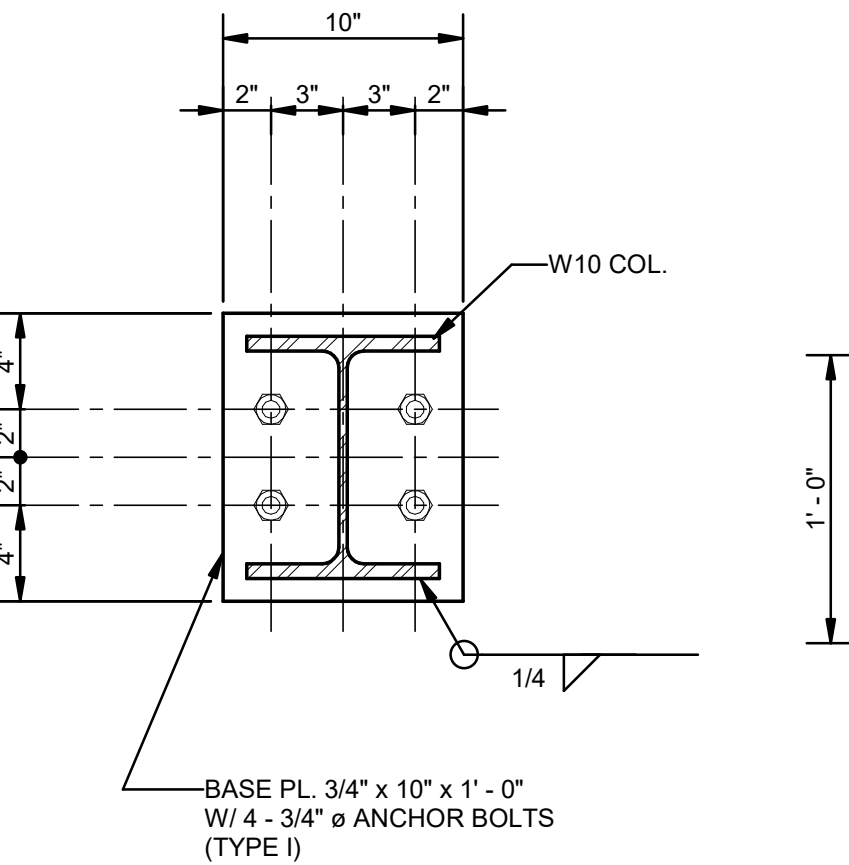
1 COLUMN SCHEDULE		S003 3/4" = 1'-0"	
COLUMN DESCRIPTION	B-6 B-7 B-12 E-3 E-6 E-10.1 F-5 F-6 F-10.1 F-14 F-16 F-1-16	G-7 H-6 H-13 E-11 E-12 F-11 F-13 H-7 H-8 H-9 K-7 K-9	J-6 K-8 K-13 K-15 A-11 B-3 B-4 C-4 D-4 G-2 H-2 J-2
HIGH ROOF EL. SEE PLAN			
LOW ROOF EL. SEE PLAN			
1ST FLOOR EL.	HSS10x6x5/16	W10x45	HSS10x6x5/16
TOP OF PILE CAP EL. SEE PLAN			
BASE PLATE	SEE 5/S003	SEE 4/S003	SEE 5/S003
			SEE 6/S003
			SEE 7/S003
			SEE 8/S003



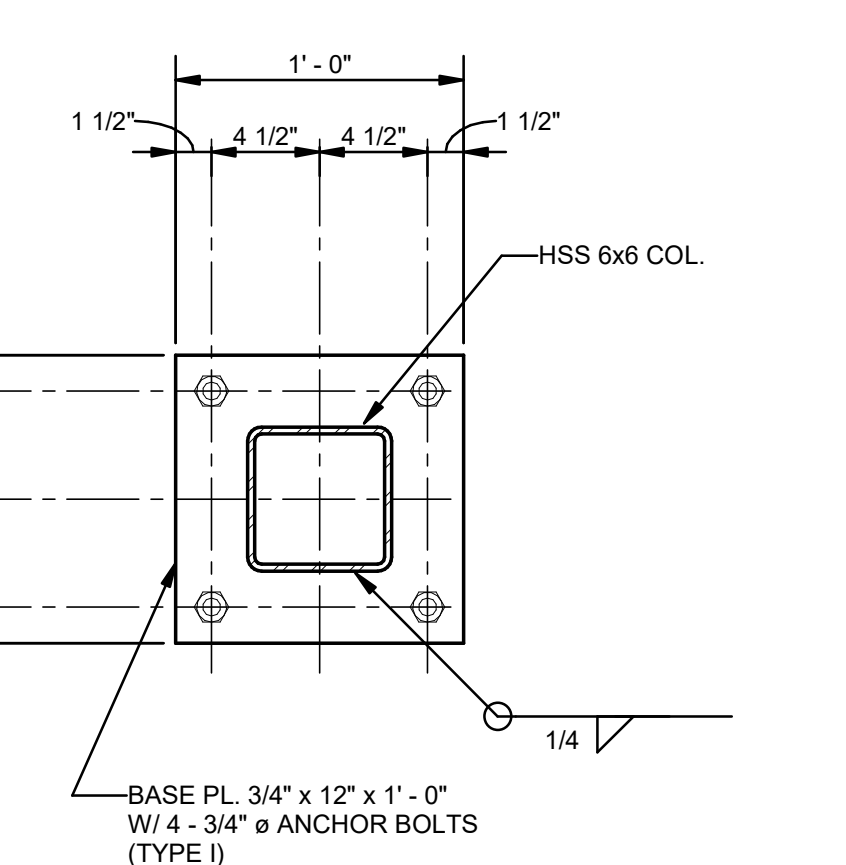
2 DETAIL-ANCHOR BOLT TYPE 1
S003 3" = 1'-0"



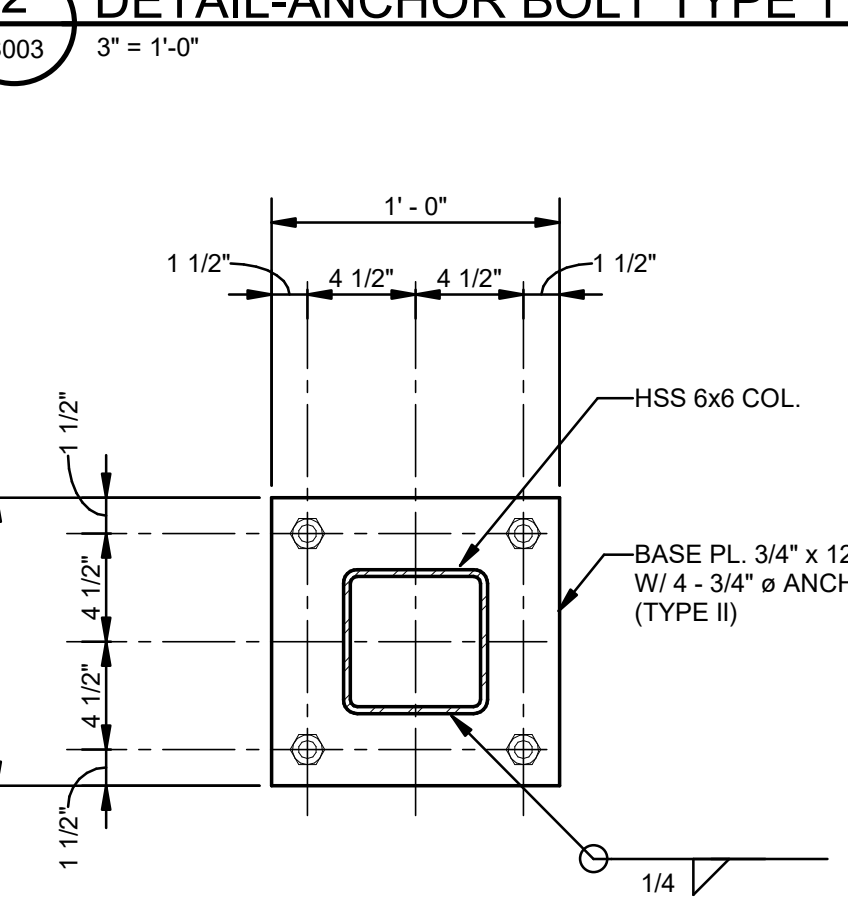
3 DETAIL-ANCHOR BOLT TYPE 2
S003 3" = 1'-0"



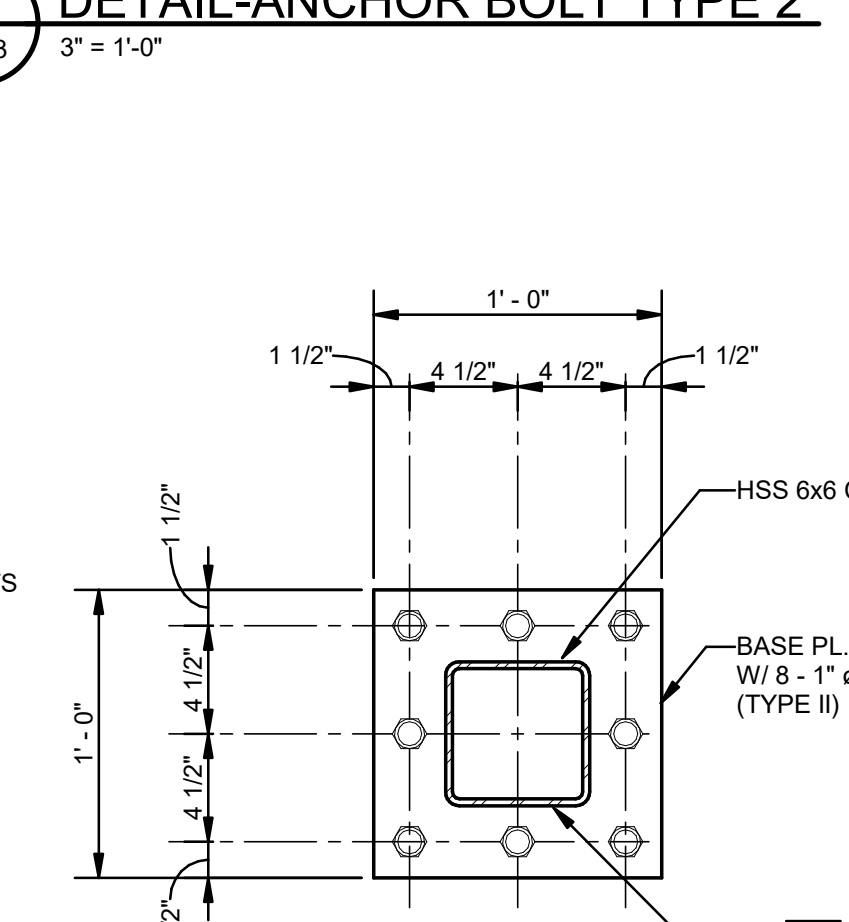
4 DETAIL-BASE PLATE
S003 1 1/2" = 1'-0"



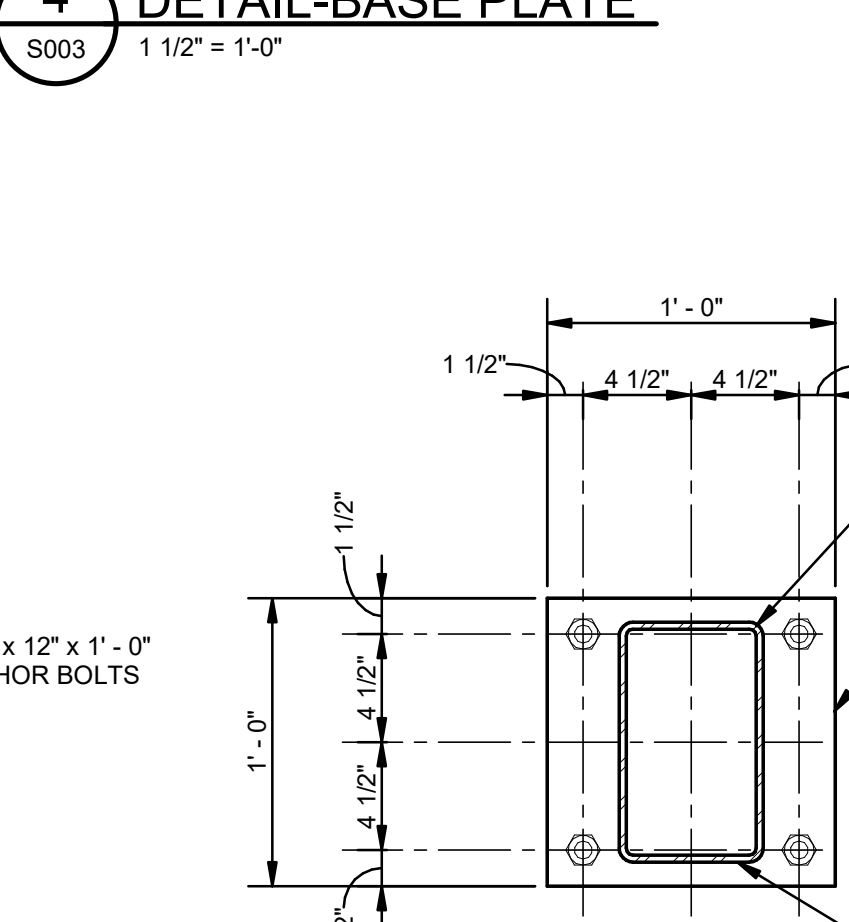
5 DETAIL-BASE PLATE
S003 1 1/2" = 1'-0"



6 DETAIL-BASE PLATE
S003 1 1/2" = 1'-0"

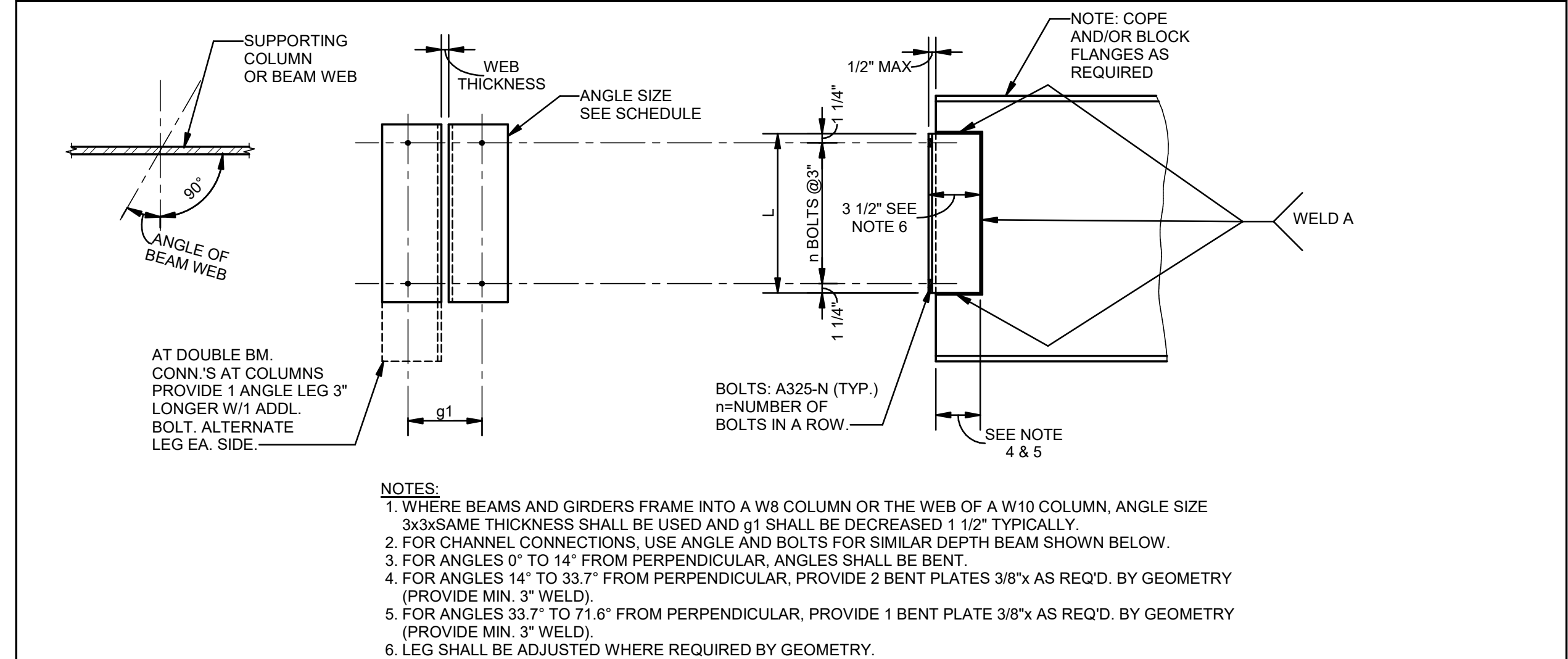


7 DETAIL-BASE PLATE
S003 1 1/2" = 1'-0"

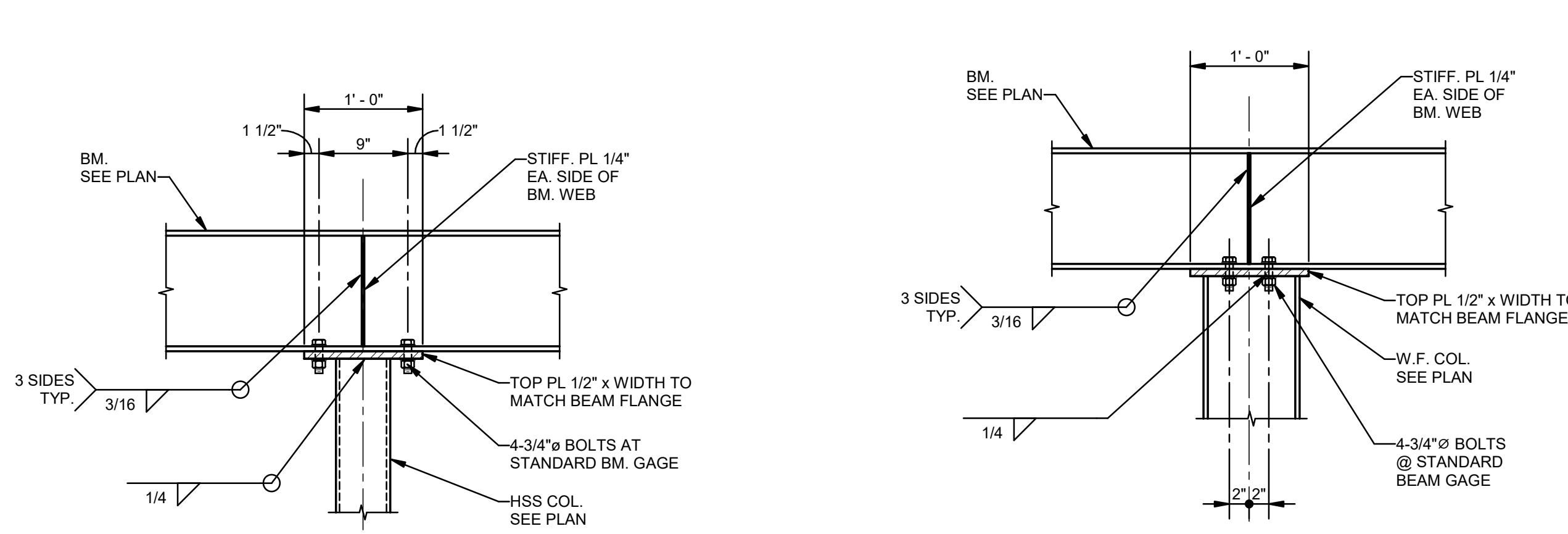


8 DETAIL-BASE PLATE
S003 1 1/2" = 1'-0"

9 TYPICAL BEAM TO BEAM AND BEAM TO WIDE FLANGE COLUMN CONNECTION SCHEDULE AND DETAIL

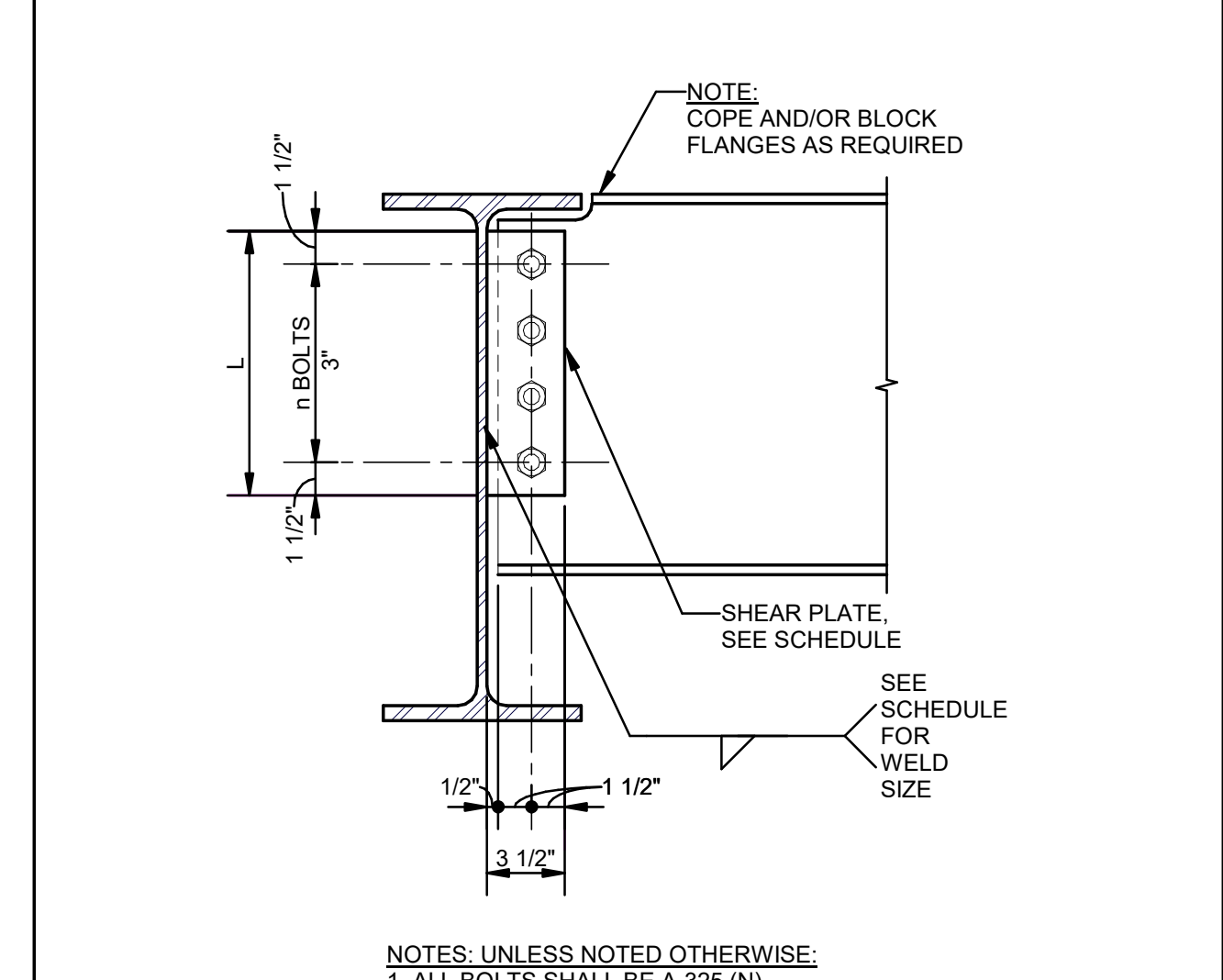


ANGLES 0° TO 33.7°							ANGLES 33.7° TO 71.6°		
BEAM SIZE	ANGLE SIZE	L in.	n	g1	WELD A	BOLT	L in.	n	
C8's, C10's, W8's & W10's	L4x3 1/2x5/16	5 1/2	2	5 1/2	3/16	3/4"	5 1/2	2	
C12's & W12's	L4x3 1/2x5/16	5 1/2	2	5 1/2	3/16	3/4"	8 1/2	3	
W14's	L4x3 1/2x5/16	8 1/2	3	5 1/2	3/16	3/4"	11 1/2	4	
W16's	L4x3 1/2x5/16	8 1/2	3	5 1/2	3/16	3/4"	11 1/2	4	
W18's	L4x3 1/2x5/16	11 1/2	4	5 1/2	3/16	3/4"	14 1/2	5	

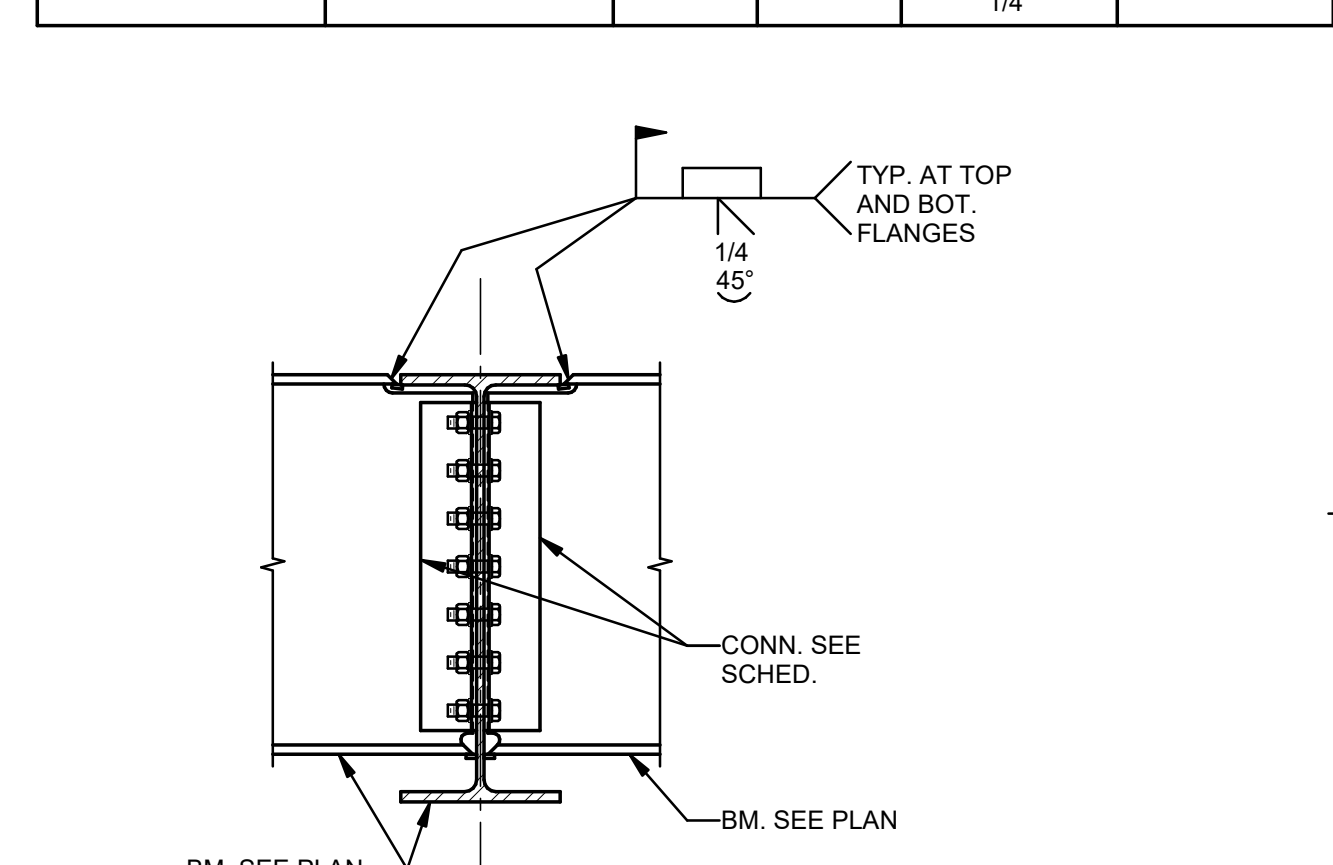


12 TYPICAL DETAIL - CONTINUOUS BEAM OVER HSS COL
S003 1" = 1'-0"

10 ALTERNATE BEAM TO BEAM CONNECTION SCHEDULE AND DETAIL

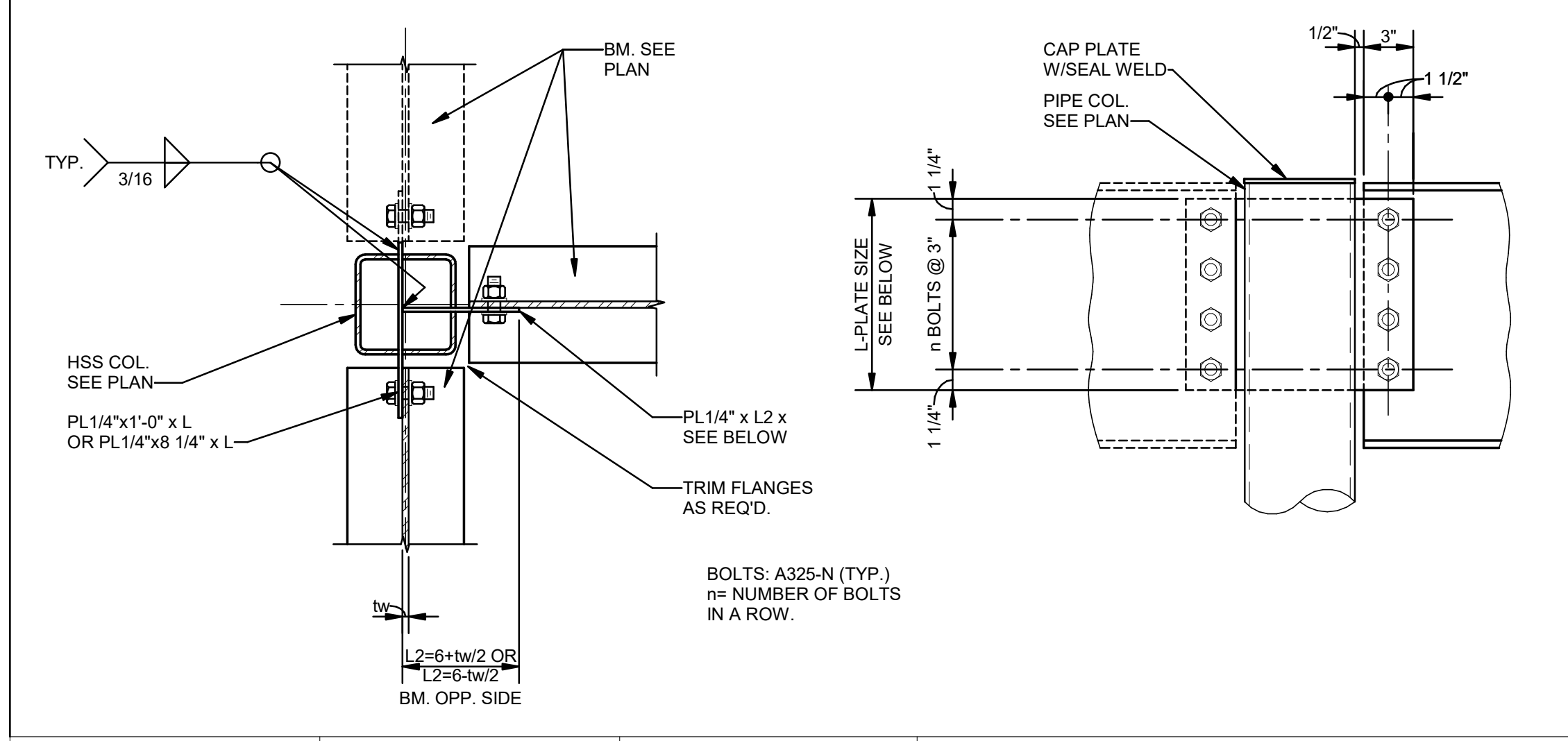


BEAM SIZE	PLATE SIZE	L in.	n	WELD (TYP.) EA SIDE	BOLT DIAMETER
W8's	5/16" x 3 1/2"	6	2	1/4	3/4"
W10's	5/16" x 3 1/2"	6	2	1/4	3/4"
W12's	5/16" x 3 1/2"	9	3	1/4	3/4"
W14's	5/16" x 3 1/2"	9	3	1/4	3/4"
W16's	5/16" x 3 1/2"	12	4	1/4	3/4"
W18's	5/16" x 3 1/2"	12	4	1/4	3/4"

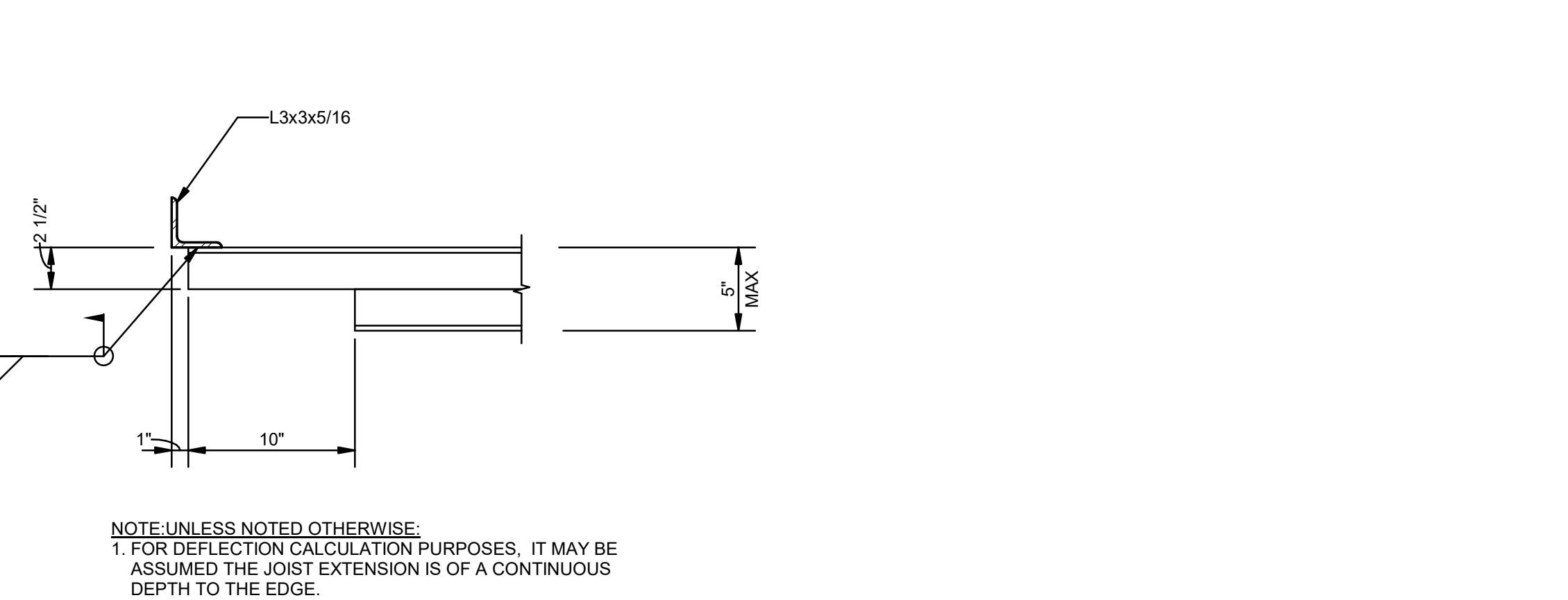


14 DETAIL-TYPICAL MOMENT CONNECTION BEAM TO BEAM
S003 1" = 1'-0"

11 BEAM TO PIPE COLUMN CONNECTION SCHEDULE AND DETAIL



BEAM SIZE	L in.	n	NOTES:
W8's	5 1/2	2-3/4"	A. COPE AND/OR BLOCK FLANGES AS REQUIRED. B. SLOT PIPE TO RECEIVE PLATE AS REQUIRED.
W10's & W12's	8 1/2	3-3/4"	
W14's & W16's	11 1/2	4-3/4"	
W18's	14 1/2	5-3/4"	



15 DETAIL-EDGE OF JOIST EXTENSION
S003 1 1/2" = 1'-0"

No.	Description	Date
1	75% CD	04-02-20
2	95% CD	Date 2

KEY PLAN

Mathes Briere + **BM**
ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
A JOINT VENTURE

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Voice: 504.586.5303. Fax: 504.582.1305

300 Heymann Blvd.
Lafayette, Louisiana 70503
337.233.0614

PROJECT TITLE

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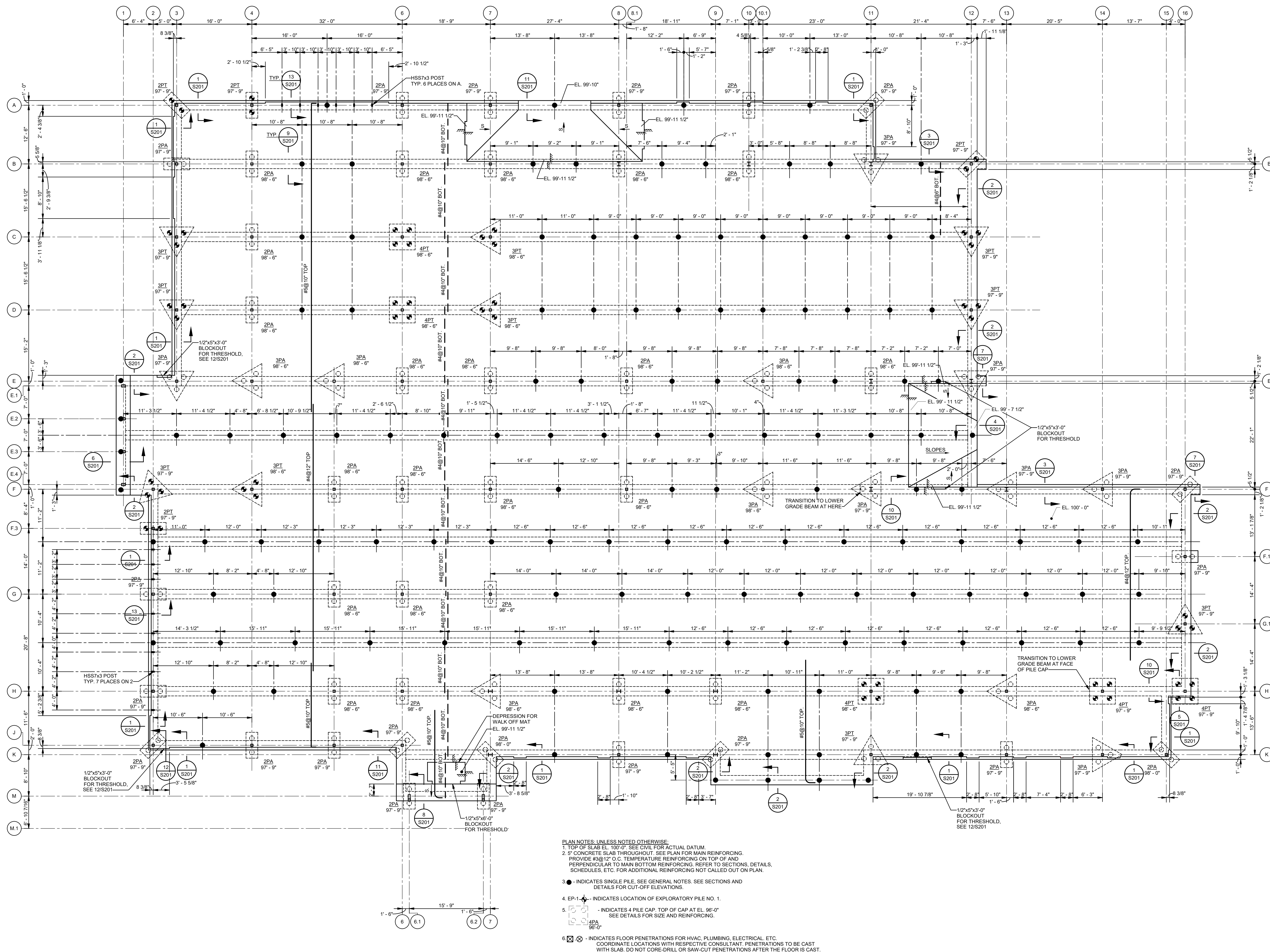
DESIGNED BY JAS	CHECKED BY JAS
DRAWN BY HSB	DATE 05.05.23

SHEET TITLE
TYPICAL STEEL DETAILS AND SCHEDULES

PROJECT NO. MBA - 11884
SHEET NO. ABM - 201803

S003

MORPHY MAKOFSKY INCORPORATED
CONSULTING ENGINEER
(504)488-1317
JOB NO. 19192



- PLAN NOTES: UNLESS NOTED OTHERWISE:**
- TOP OF SLAB EL. 100'-0" SEE CIVIL FOR ACTUAL DATUM.
 - 5" CONCRETE SLAB THROUGHOUT. SEE PLAN FOR MAIN REINFORCING. PROVIDE #3@12" O.C. TEMPERATURE REINFORCING ON TOP OF AND PERPENDICULAR TO MAIN BOTTOM REINFORCING. REFER TO SECTIONS, DETAILS, SCHEDULES, ETC. FOR ADDITIONAL REINFORCING NOT CALLED OUT ON PLAN.
 - INDICATES SINGLE PILE. SEE GENERAL NOTES. SEE SECTIONS AND DETAILS FOR CUT-OFF ELEVATIONS.
 - EP-1 - INDICATES LOCATION OF EXPLORATORY PILE NO. 1.
 - ⊗ INDICATES 4 PILE CAP. TOP OF CAP AT EL. 98'-0" SEE DETAILS FOR SIZE AND REINFORCING.
 - ⊗ - INDICATES FLOOR PENETRATIONS FOR HVAC, PLUMBING, ELECTRICAL, ETC. COORDINATE LOCATIONS WITH RESPECTIVE CONSULTANT. PENETRATIONS TO BE CAST WITH SLAB. DO NOT CORE-DRILL OR SAW-CUT PENETRATIONS AFTER THE FLOOR IS CAST.

FOUNDATION AND FIRST FLOOR FRAMING PLAN
 1/8" = 1'-0"

No.	Description	Date
1	75% CD	04-02-20
2	95% CD	Date 2

KEY PLAN

05-05-23

Mathes Briere ARCHITECTS
 ARCHITECTS BEAZLEY MOLIÈRE
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PROJECT TITLE

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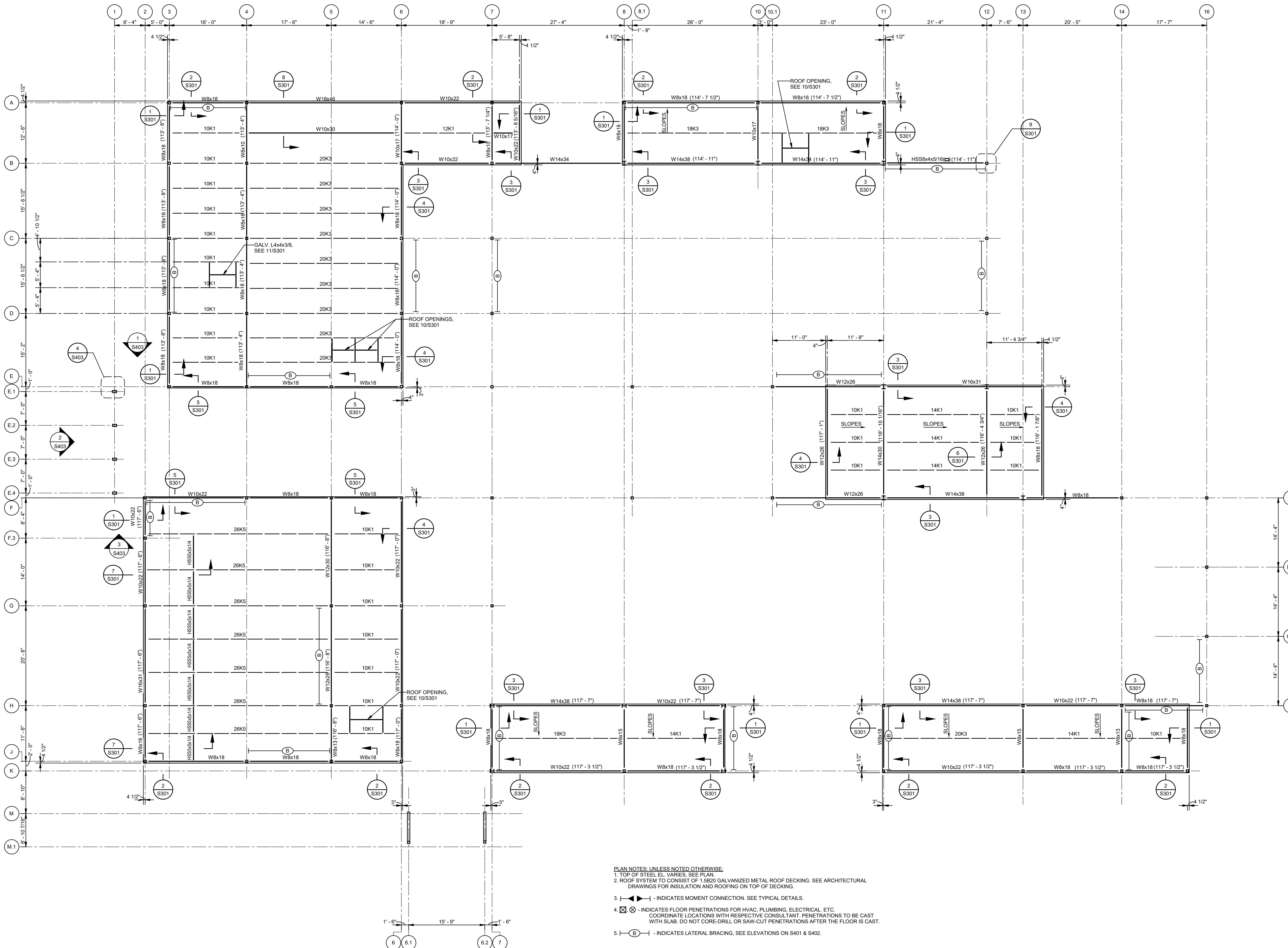
PERMIT DOCUMENTS

DESIGNED BY	JAS	CHECKED BY	JAS
DRAWN BY	HSB	DATE	05.05.23

SHEET TITLE

PROJECT NO.	MBA - 11884	SHEET NO.	S101
ABM - 201803			





PLAN NOTES, UNLESS NOTED OTHERWISE:
 1. TOP OF STEEL EL. VARIES, SEE PLAN.
 2. ROOF SYSTEM TO CONSIST OF 1.8920 GALVANIZED METAL ROOF DECKING, SEE ARCHITECTURAL DRAWINGS FOR INSULATION AND ROOFING ON TOP OF DECKING.
 3. - INDICATES MOMENT CONNECTION, SEE TYPICAL DETAILS.
 4. - INDICATES FLOOR PENETRATIONS FOR HVAC, PLUMBING, ELECTRICAL, ETC. COORDINATE LOCATIONS WITH RESPECTIVE CONSULTANT. PENETRATIONS TO BE CAST WITH SLAB. DO NOT CORE-DRILL OR SAW-CUT PENETRATIONS AFTER THE FLOOR IS CAST.
 5. - INDICATES LATERAL BRACING, SEE ELEVATIONS ON S401 & S402.

1 LOW ROOF FRAMING PLAN
 S102 1/8" = 1'-0"

No.	Description	Date
1	75% CD	04-02-20
2	95% CD	Date 2

KEY PLAN

05-05-23

Mathes Brierre + **ABM**
 ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
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PROJECT TITLE

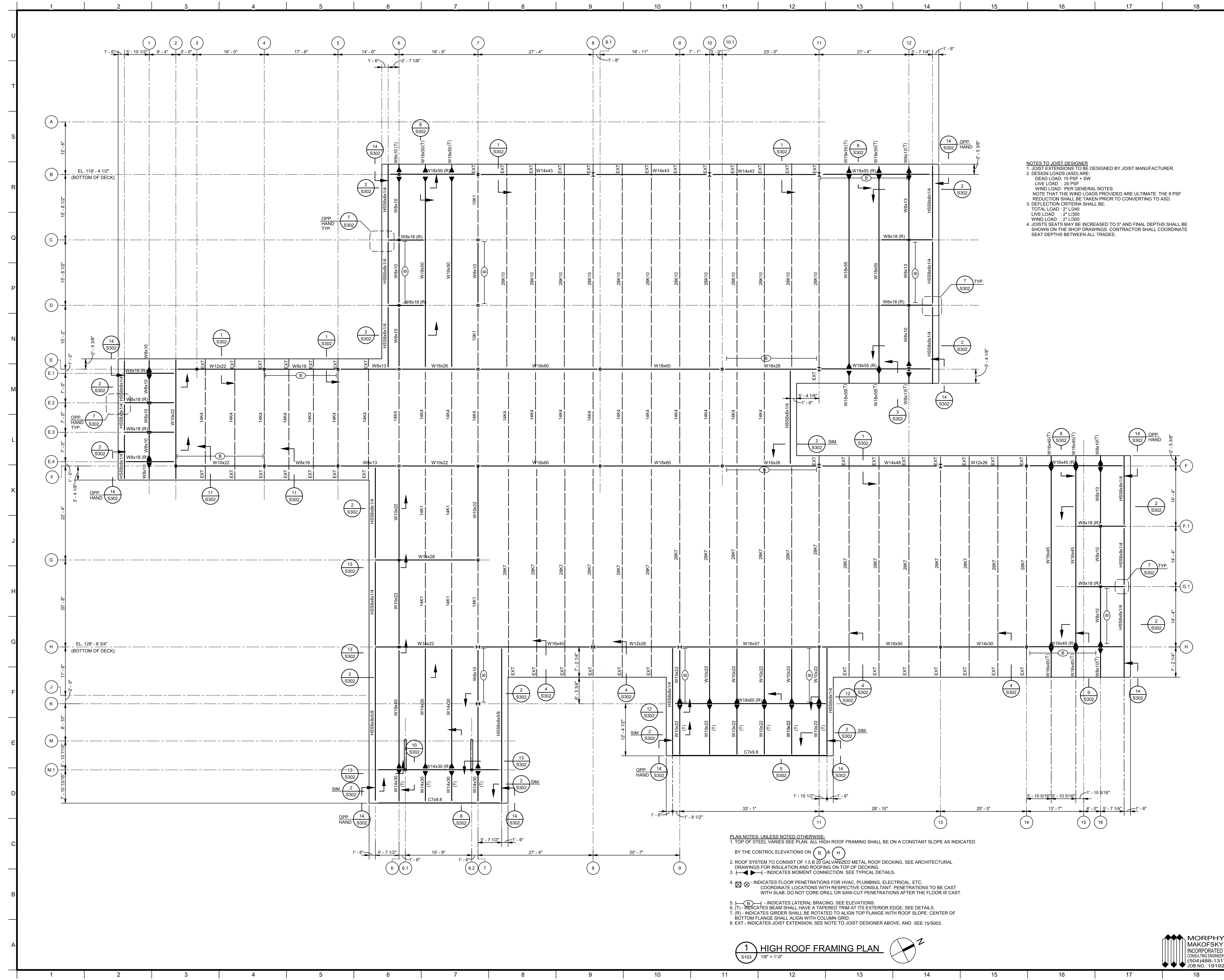
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DESIGNED BY	JAS	CHECKED BY	JAS
DRAWN BY	HSB	DATE	05.05.23
SHEET TITLE			
LOW ROOF FRAMING PLAN			
PROJECT NO.	MBA - 11884	SHEET NO.	S102
ABM - 201803			

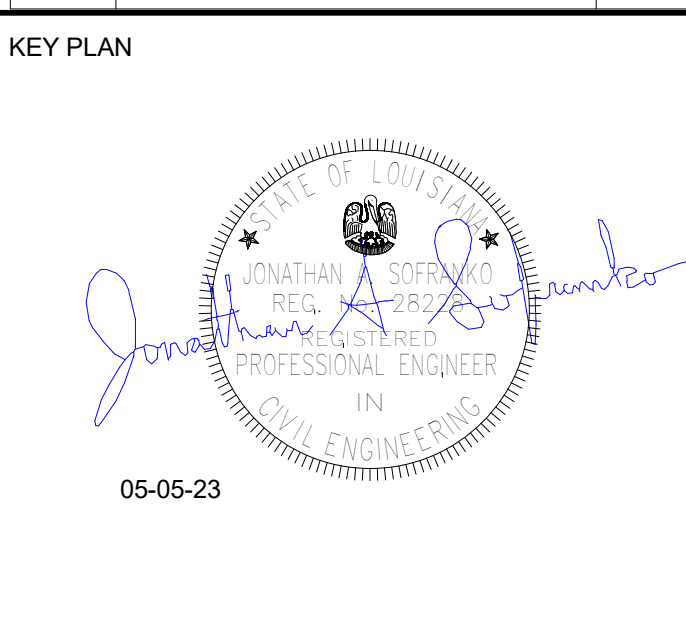




NOTES TO JOIST DESIGNER:
1. JOIST EXTENSIONS TO BE DESIGNED BY JOIST MANUFACTURER.
2. DESIGN LOADS (ASD) ARE:
DEAD LOAD: 15 PSF + SW
LIVE LOAD: 20 PSF
WIND LOAD: PER GENERAL NOTES
NOTE THAT THE WIND LOADS PROVIDED ARE ULTIMATE. THE 6 PSF REDUCTION SHALL BE TAKEN PRIOR TO CONVERTING TO ASD.
3. DEFLECTION CRITERIA SHALL BE:
TOTAL LOAD: 2" L/240
LIVE LOAD: 2" L/300
WIND LOAD: 2" L/300
4. JOIST SEATS MAY BE INCREASED TO 5" AND FINAL DEPTHS SHALL BE SHOWN ON THE SHOP DRAWINGS. CONTRACTOR SHALL COORDINATE SEAT DEPTHS BETWEEN ALL TRADES.

MATERIALS KEYING/ GENERAL NOTES

No.	Description	Date
1	75% CD	04-02-20
2	95% CD	Date 2



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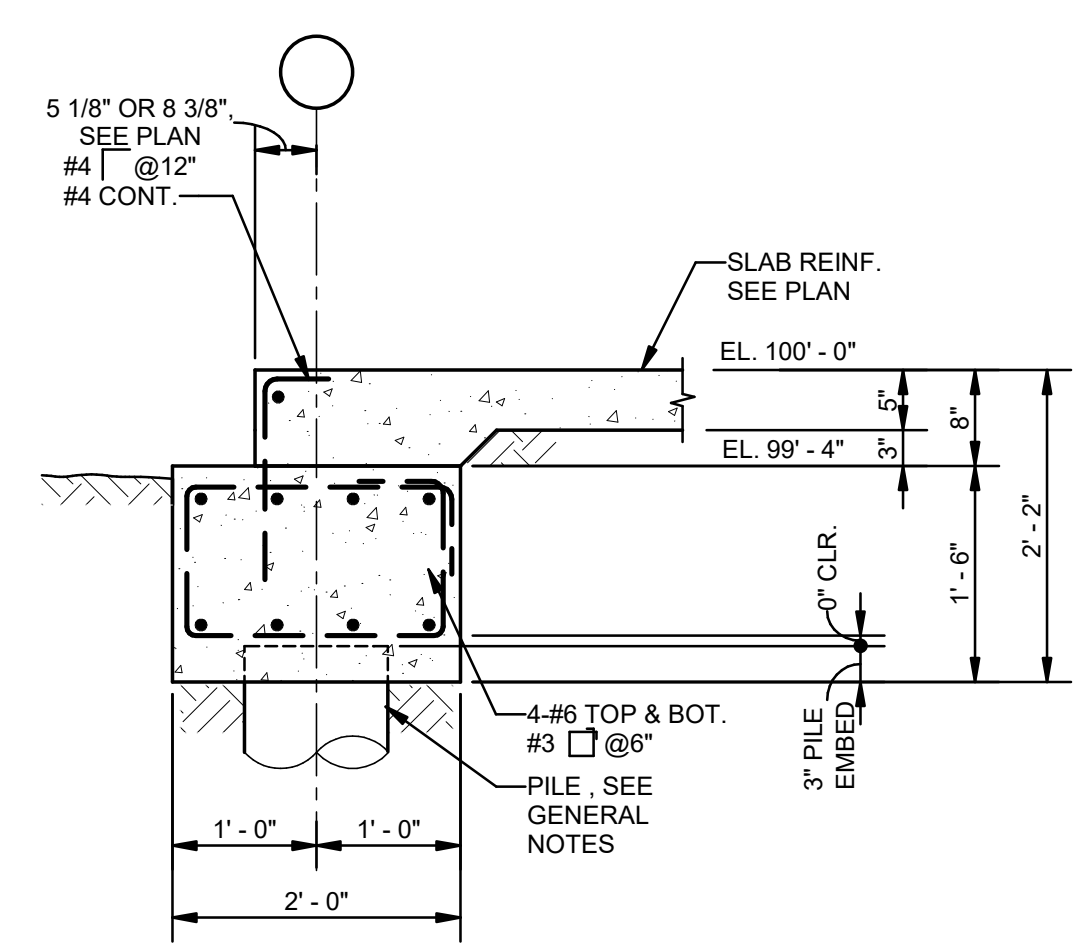
PROJECT TITLE
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DESIGNED BY: JAS CHECKED BY: JAS
DRAWN BY: HSB DATE: 05.05.23
SHEET TITLE: HIGH ROOF FRAMING PLAN
PROJECT NO.: MBA - 11884 SHEET NO.: S103
ABM - 201803

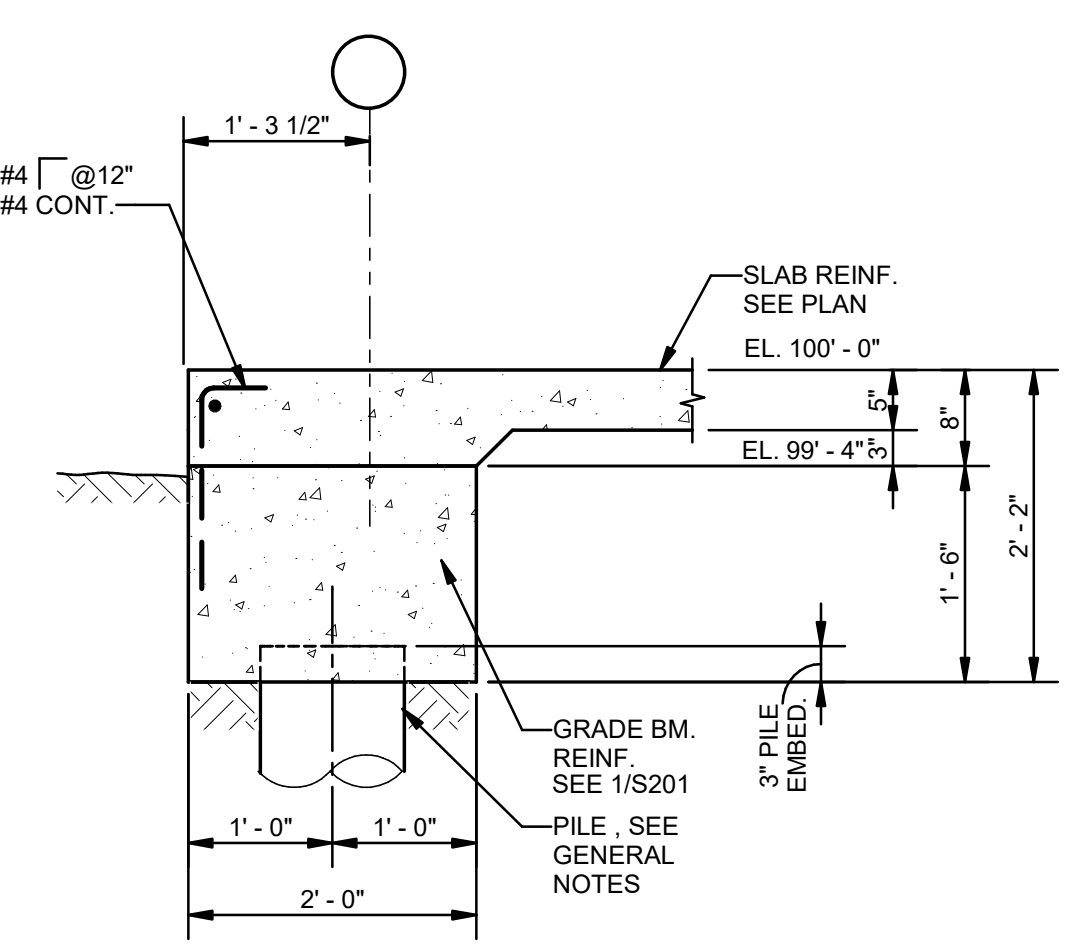


- PLAN NOTES UNLESS NOTED OTHERWISE:**
- TOP OF STEEL VARIES SEE PLAN. ALL HIGH ROOF FRAMING SHALL BE ON A CONSTANT SLOPE AS INDICATED BY THE CONTROL ELEVATIONS ON B & H.
 - ROOF SYSTEM TO CONSIST OF 1.5 B 20 GALVANIZED METAL ROOF DECKING. SEE ARCHITECTURAL DRAWINGS FOR INSULATION AND ROOFING ON TOP OF DECKING.
 - INDICATES FLOOR PENETRATIONS FOR HVAC, PLUMBING, ELECTRICAL, ETC. COORDINATE LOCATIONS WITH RESPECTIVE CONSULTANT. PENETRATIONS TO BE CAST WITH SLAB. DO NOT CORE-DRILL OR SAW-CUT PENETRATIONS AFTER THE FLOOR IS CAST.
 - INDICATES LATERAL BRACING. SEE ELEVATIONS.
 - INDICATES BEAM SHALL HAVE A TAPERED TRIM AT ITS EXTERIOR EDGE. SEE DETAILS.
 - INDICATES GIRDER SHALL BE ROTATED TO ALIGN TOP FLANGE WITH ROOF SLOPE. CENTER OF BOTTOM FLANGE SHALL ALIGN WITH COLUMN GRID.
 - EXT - INDICATES JOIST EXTENSION. SEE NOTE TO JOIST DESIGNER ABOVE, AND SEE 15/3003.

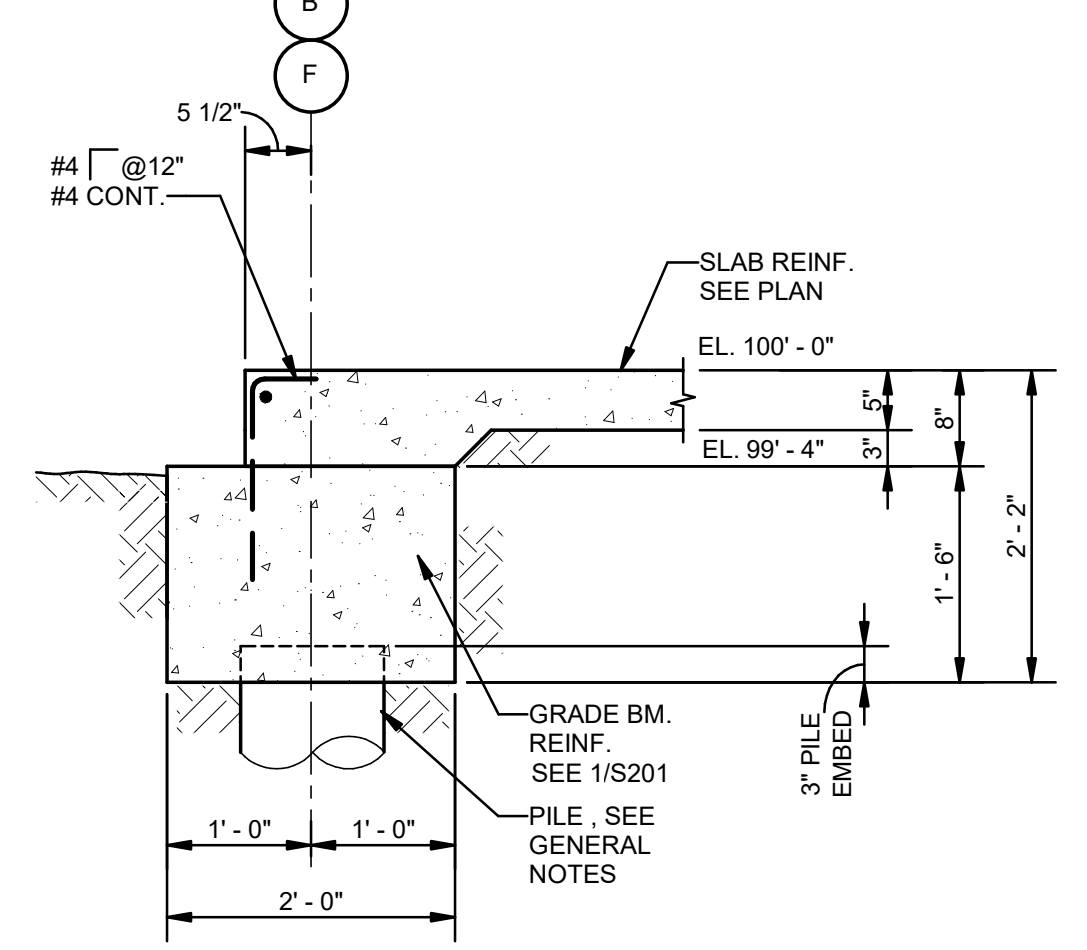
1 HIGH ROOF FRAMING PLAN
S103 1/8" = 1'-0"



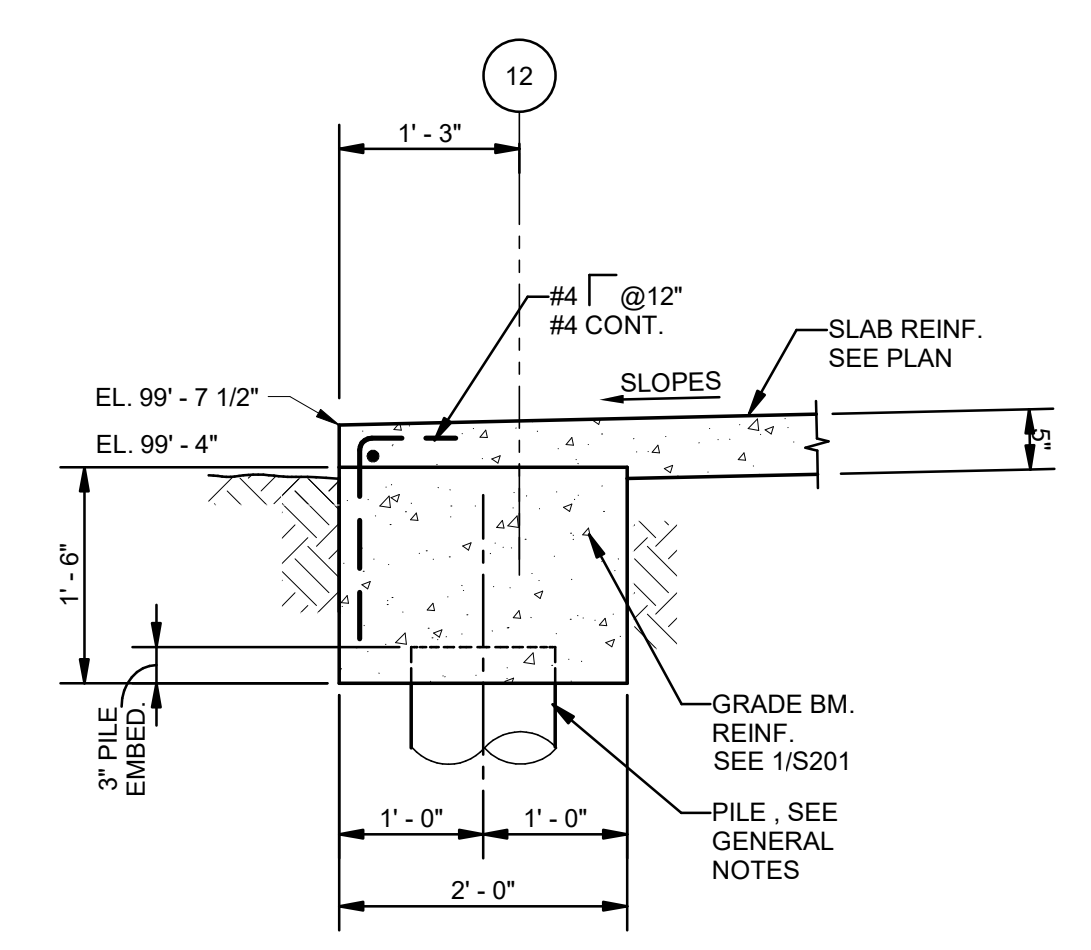
1 SECTION
S201 3/4" = 1'-0"



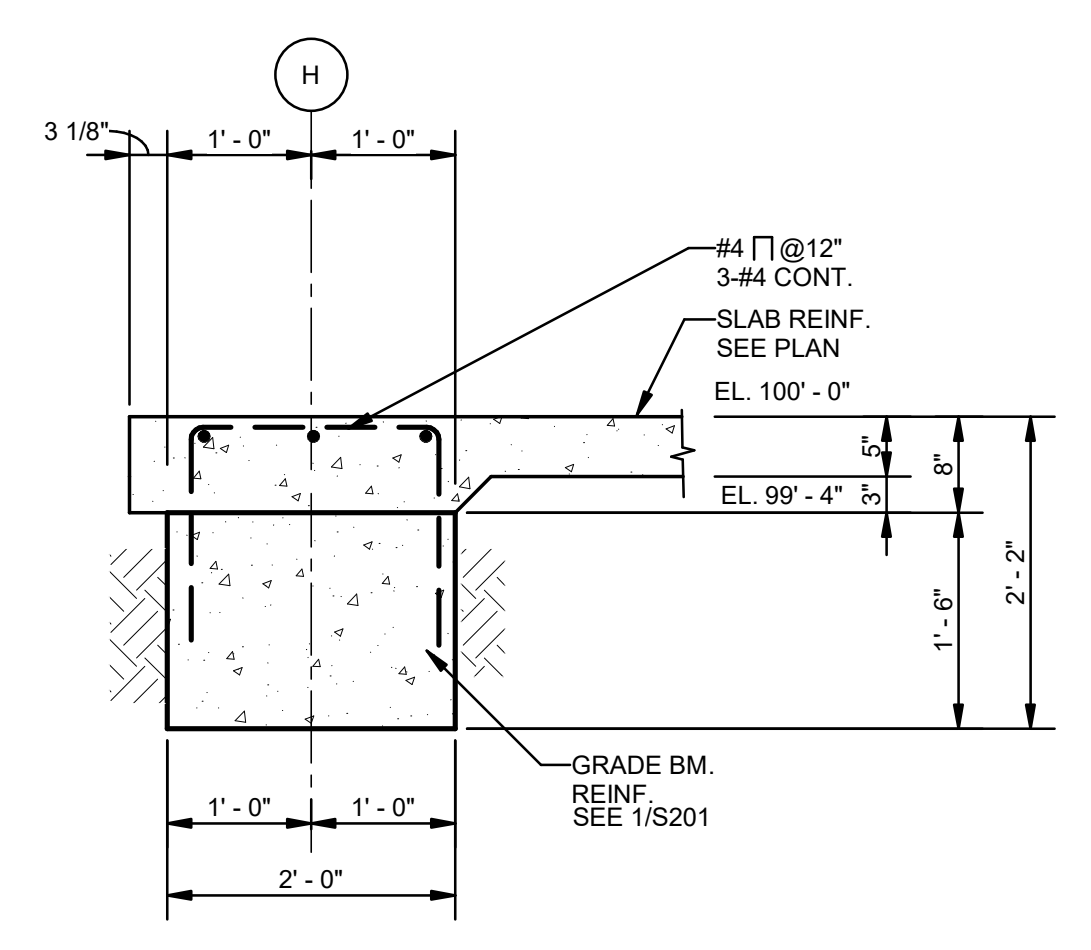
2 SECTION
S201 3/4" = 1'-0"



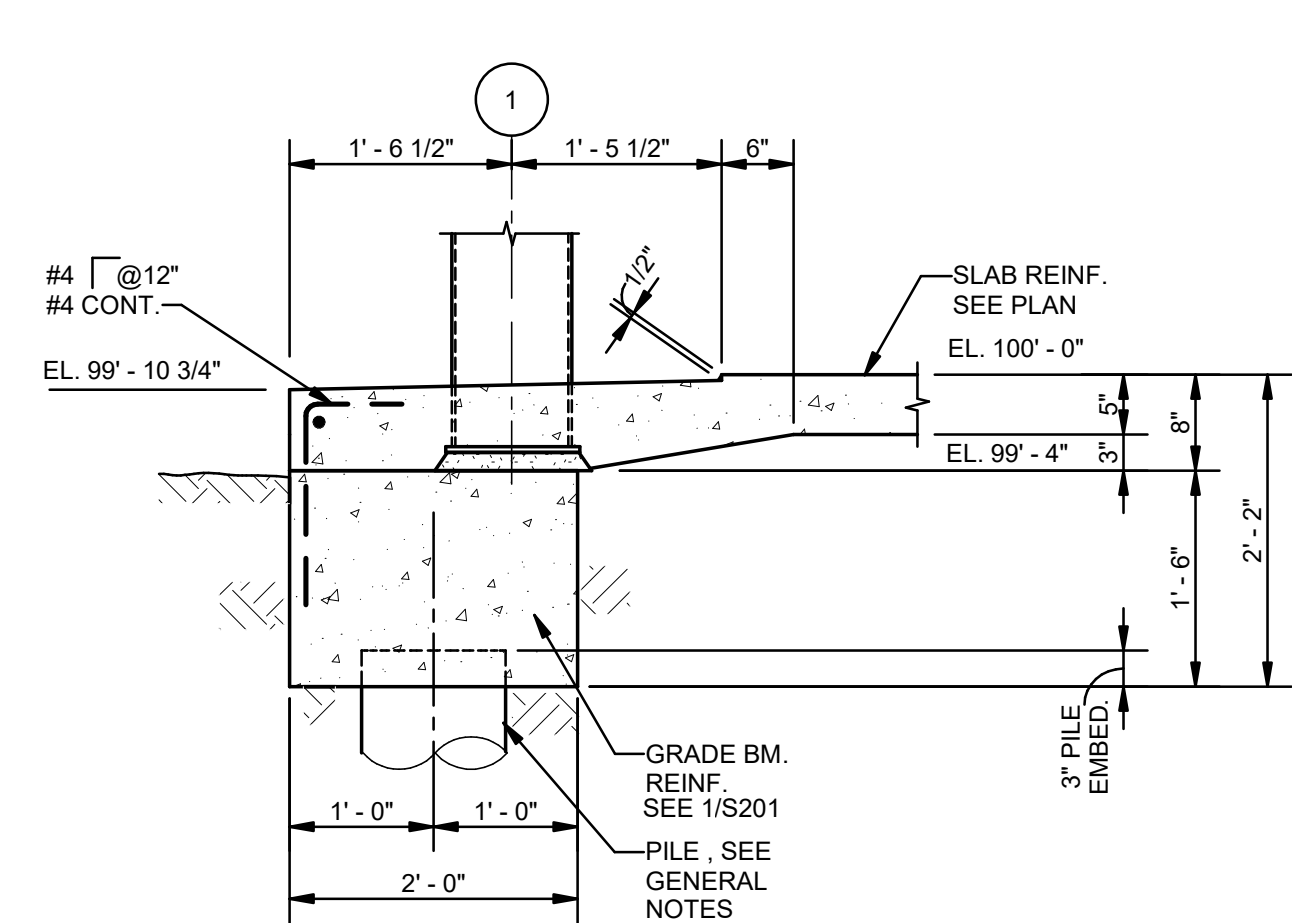
3 SECTION
S201 3/4" = 1'-0"



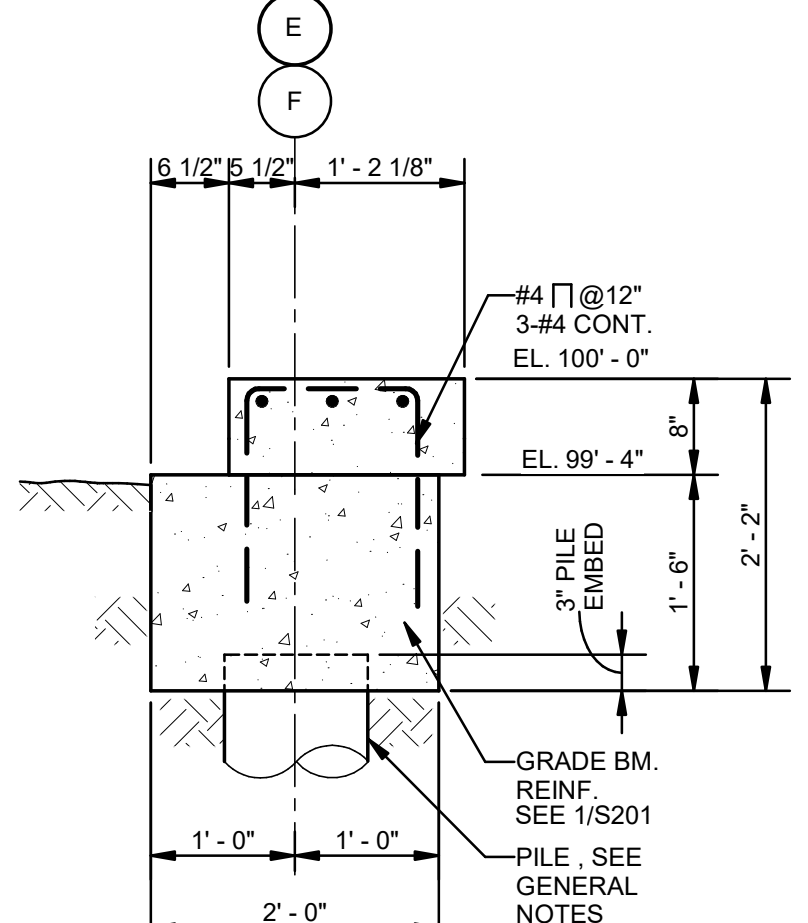
4 SECTION
S201 3/4" = 1'-0"



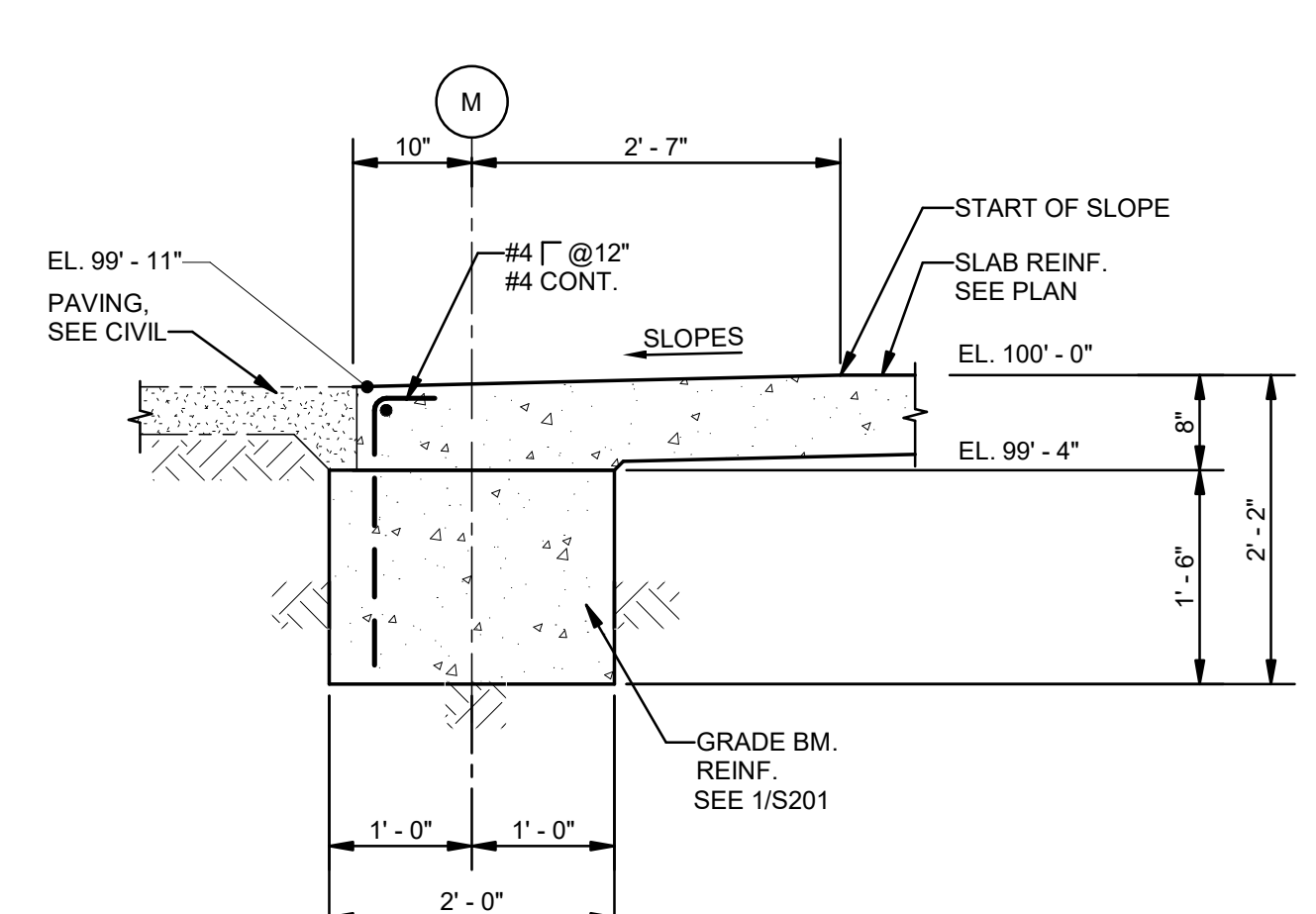
5 SECTION
S201 3/4" = 1'-0"



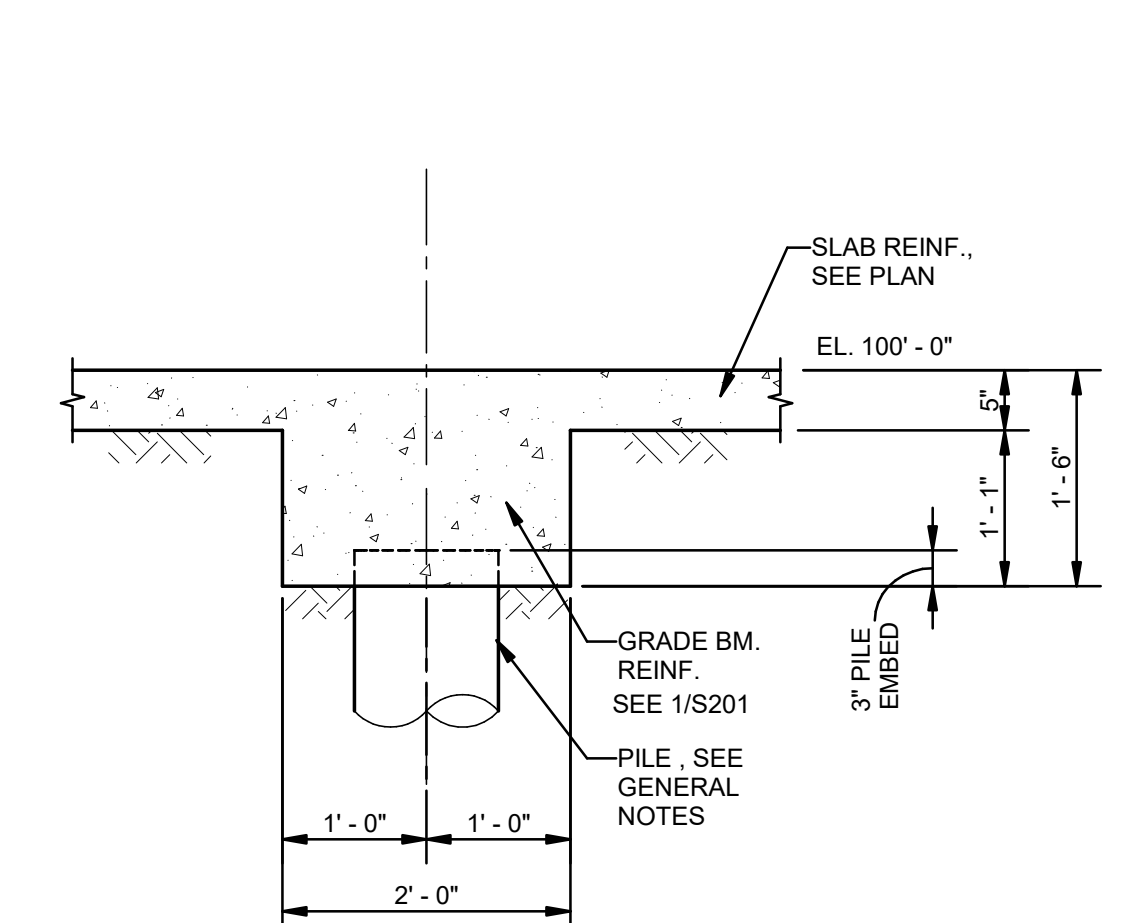
6 SECTION
S201 3/4" = 1'-0"



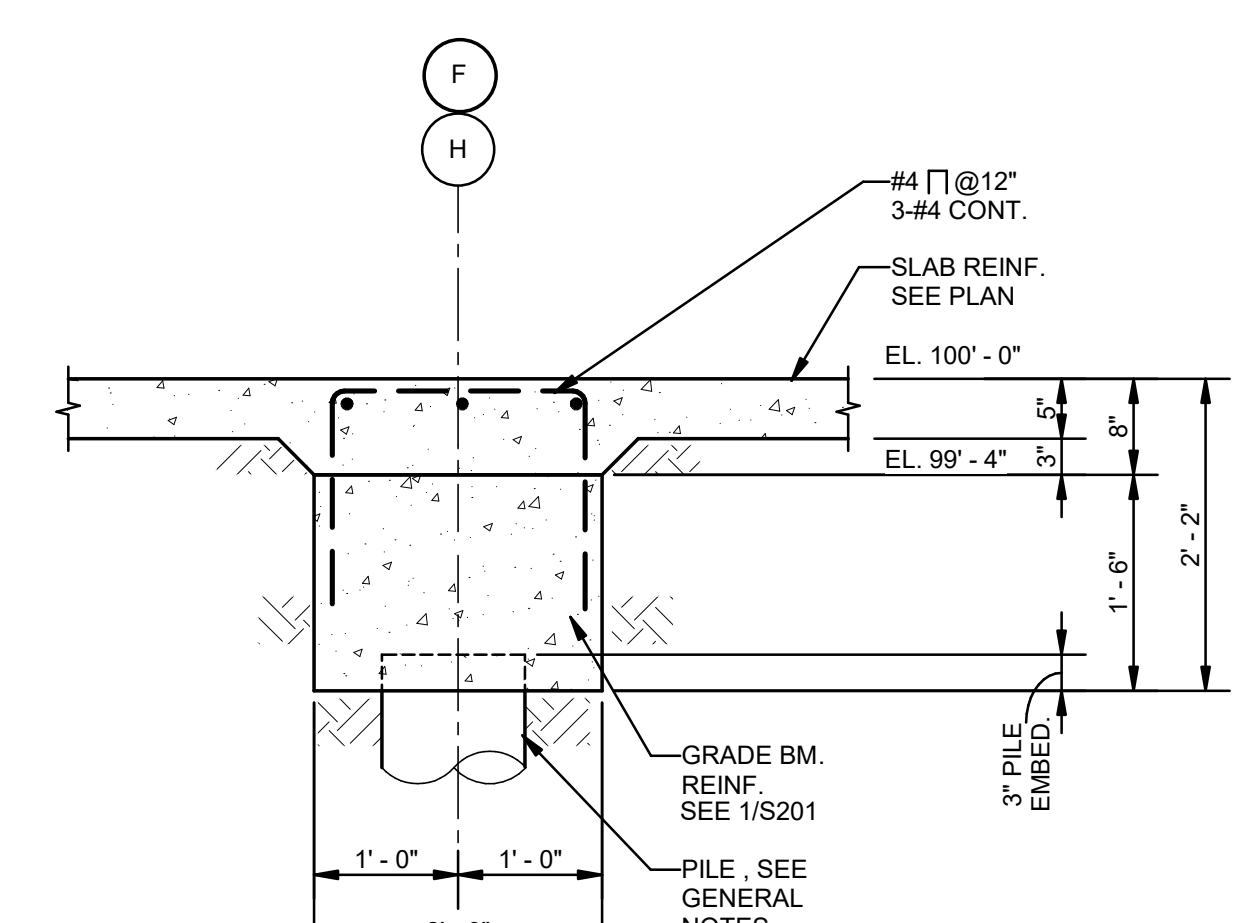
7 SECTION
S201 3/4" = 1'-0"



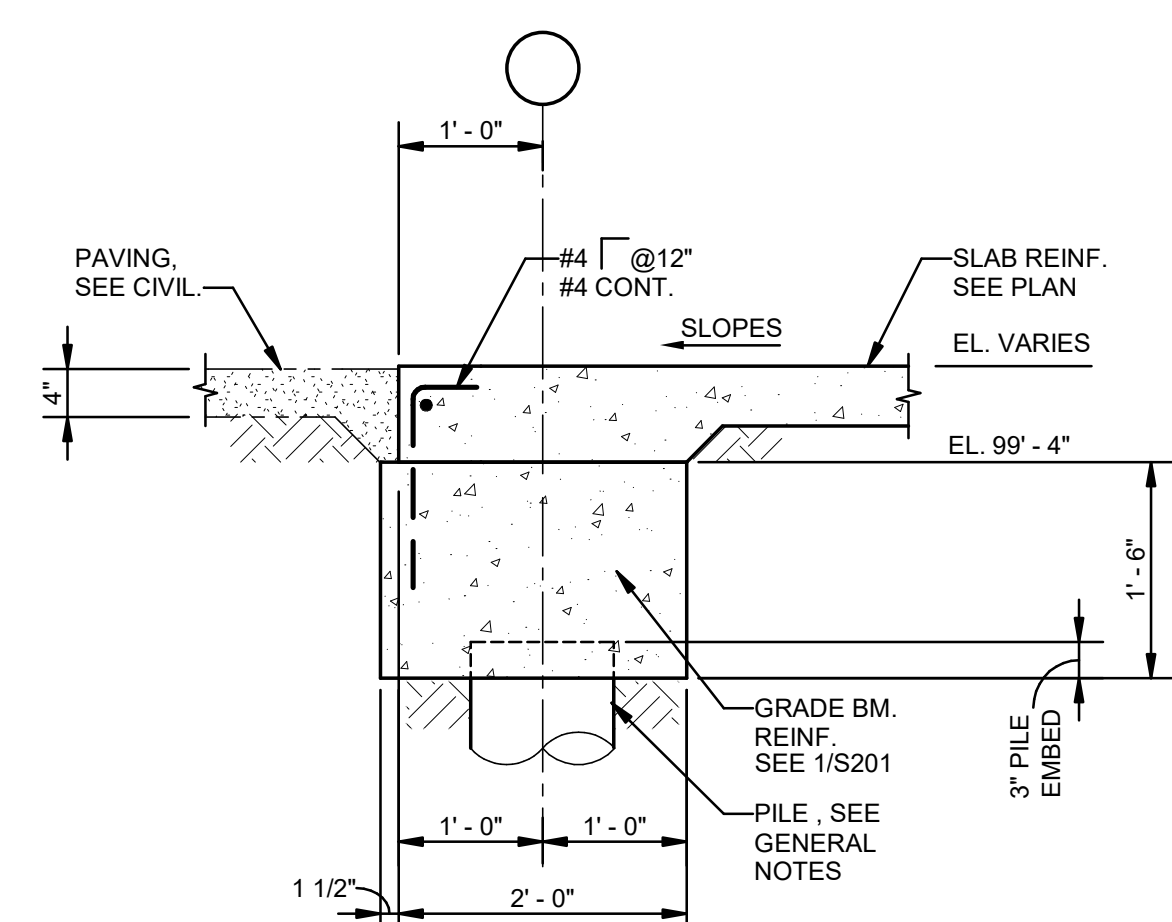
8 SECTION
S201 3/4" = 1'-0"



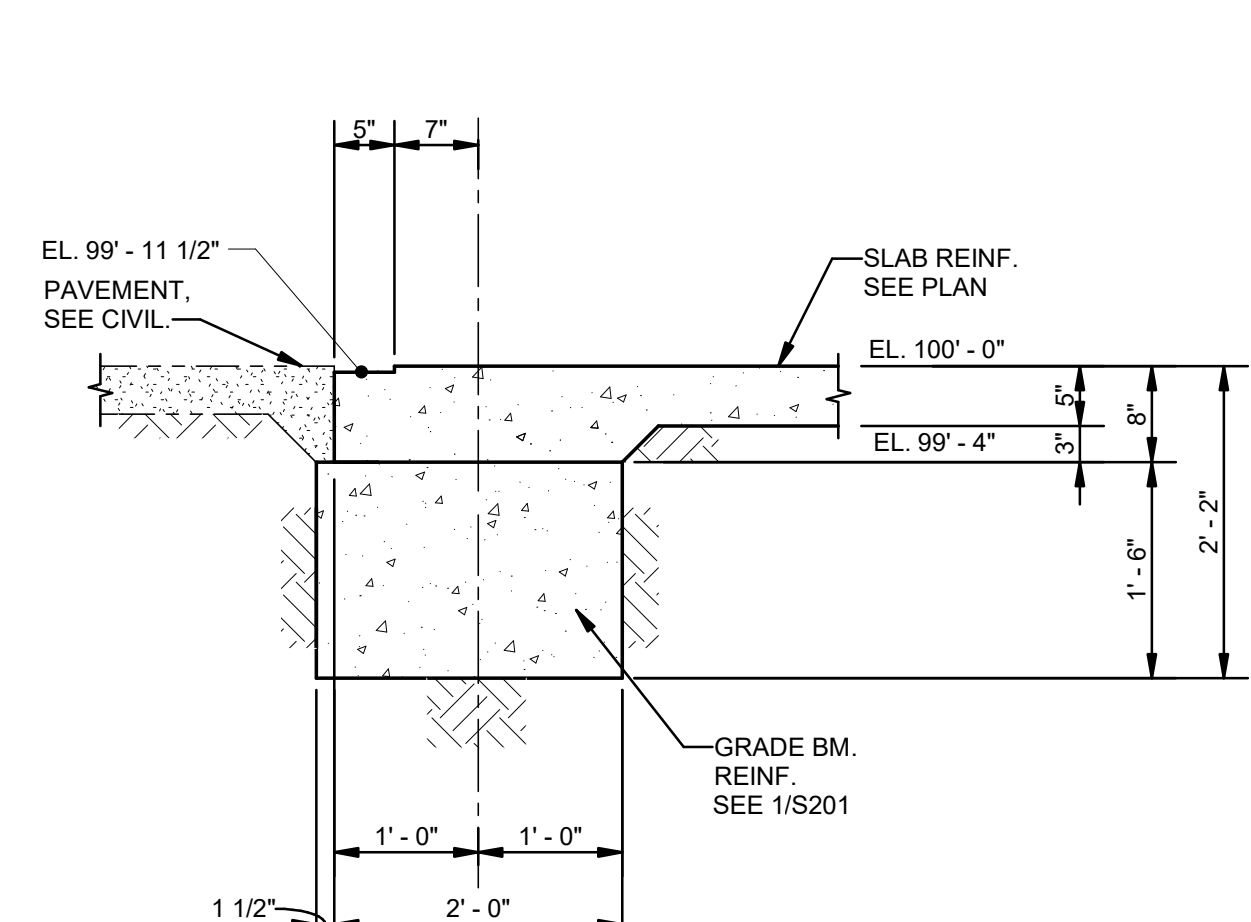
9 SECTION
S201 3/4" = 1'-0"



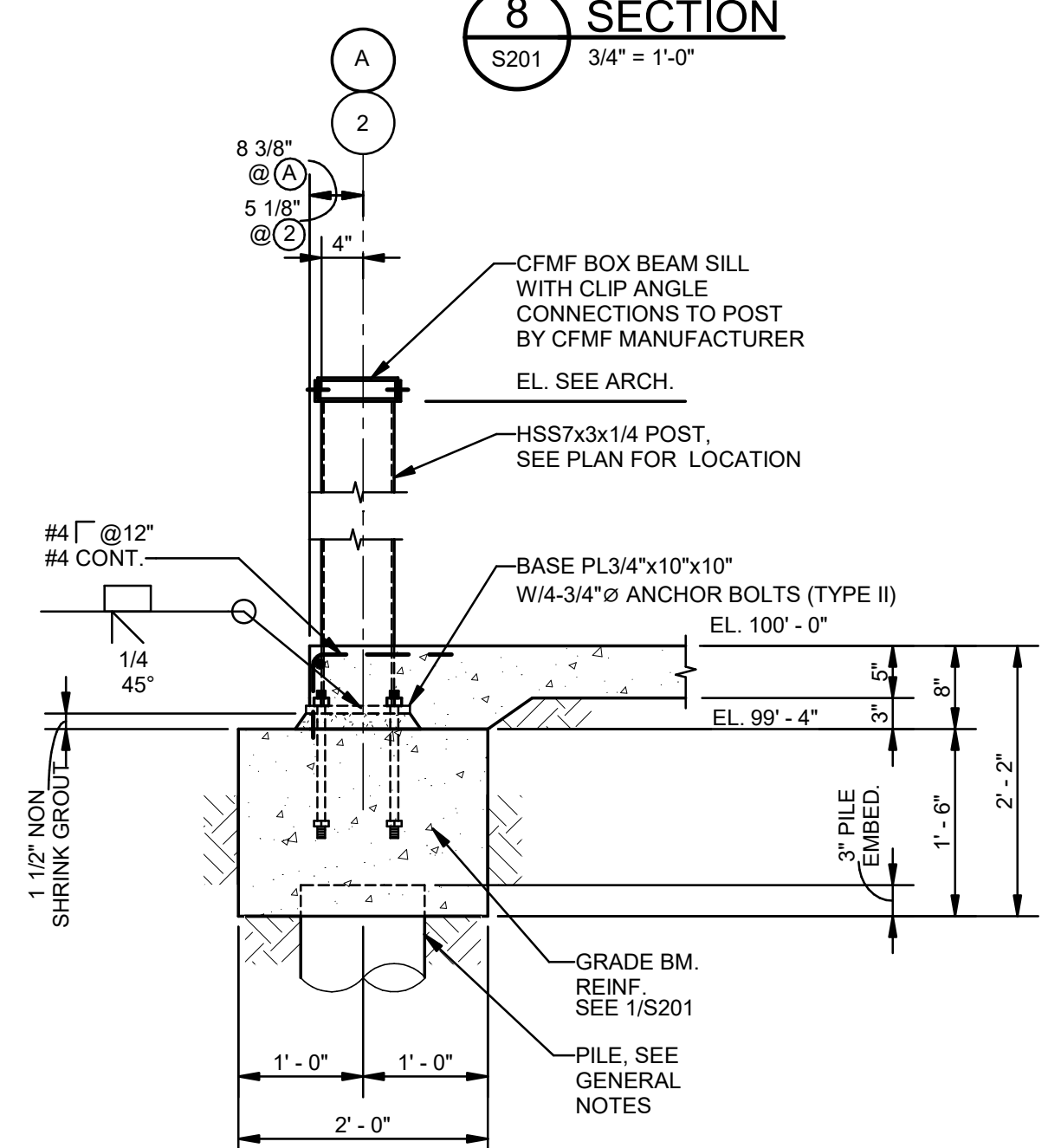
10 SECTION
S201 3/4" = 1'-0"



11 SECTION
S201 3/4" = 1'-0"



12 SECTION
S201 3/4" = 1'-0"



13 SECTION
S201 3/4" = 1'-0"

No.	Description	Date
1	75% CD	04-02-20
2	95% CD	Date 2

KEY PLAN

05-05-23

Mathes Brierre + **BM**
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A JOINT VENTURE

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PROJECT TITLE

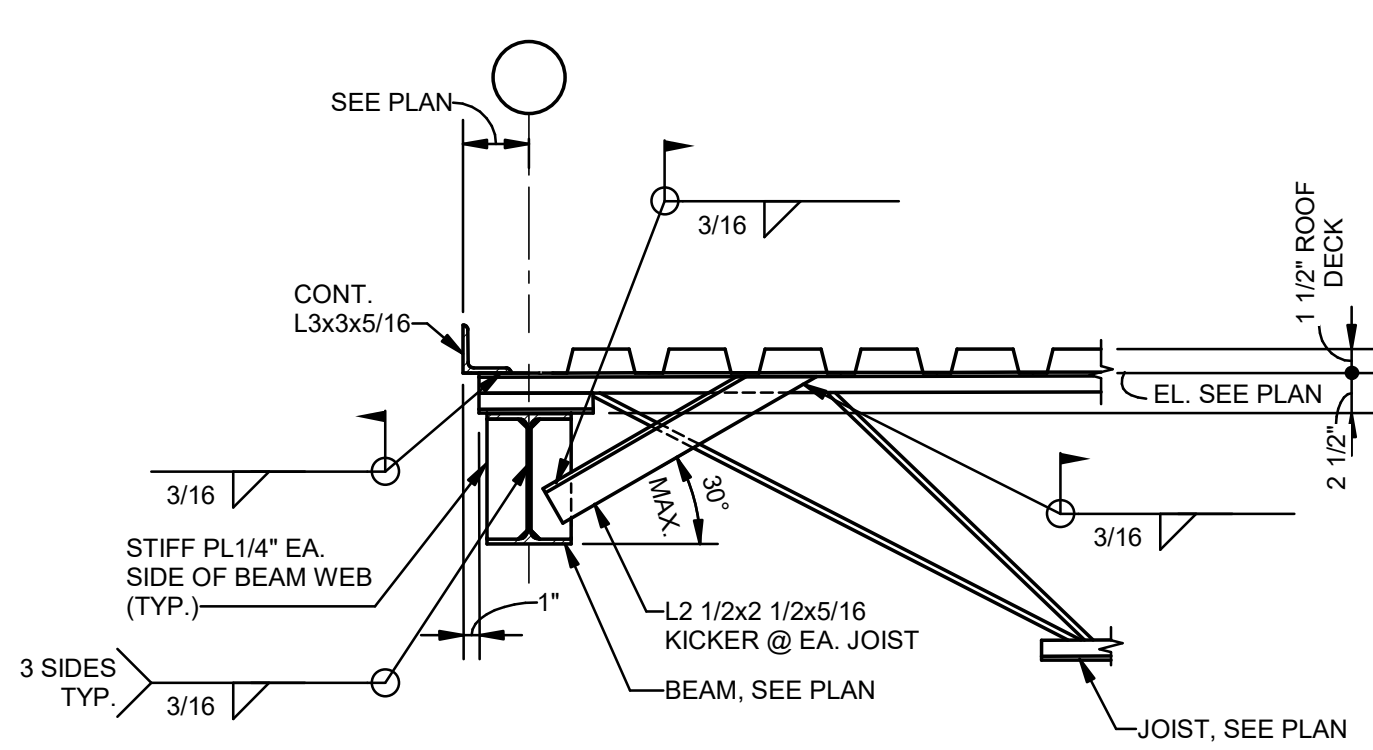
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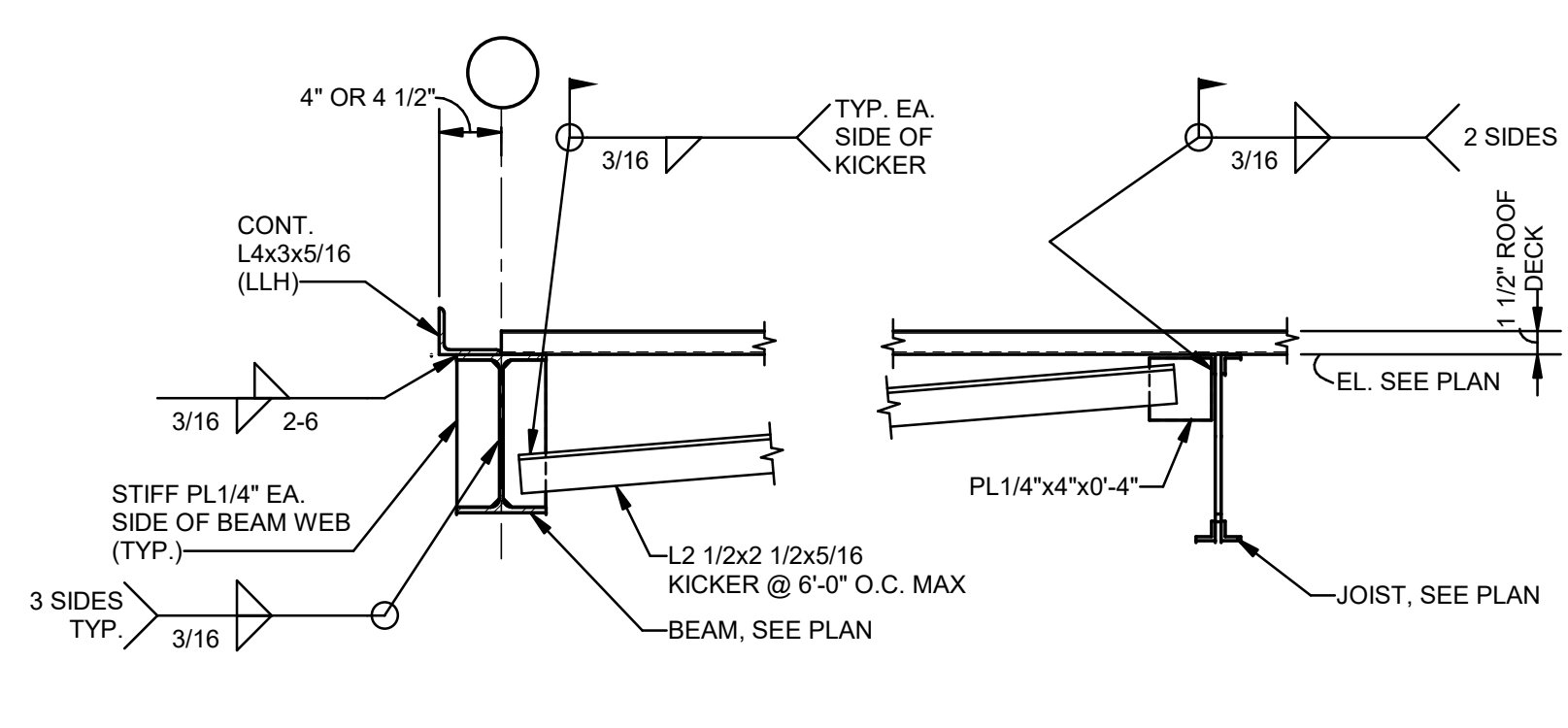
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DRAWN BY	HSB	DATE	05.05.23
SHEET TITLE	SECTIONS		
PROJECT NO.	MBA - 11884	SHEET NO.	S201
	ABM - 201803		

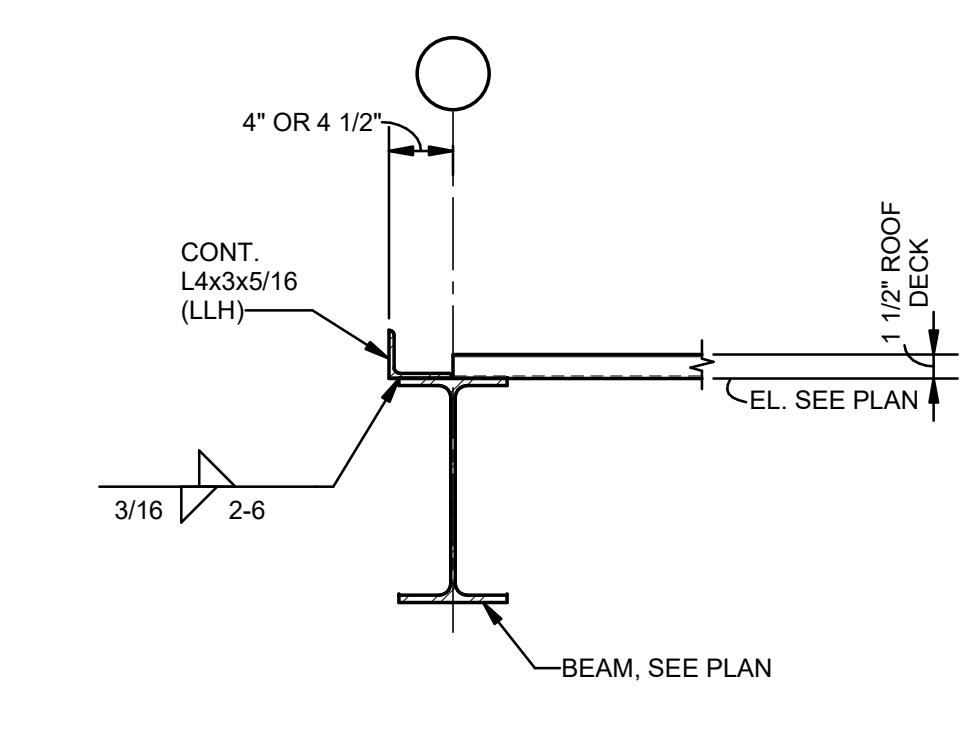
MORPHY
MAKOFSKY
INCORPORATED
CONSULTING ENGINEERS
(504)488-1317
JOB NO. 19192



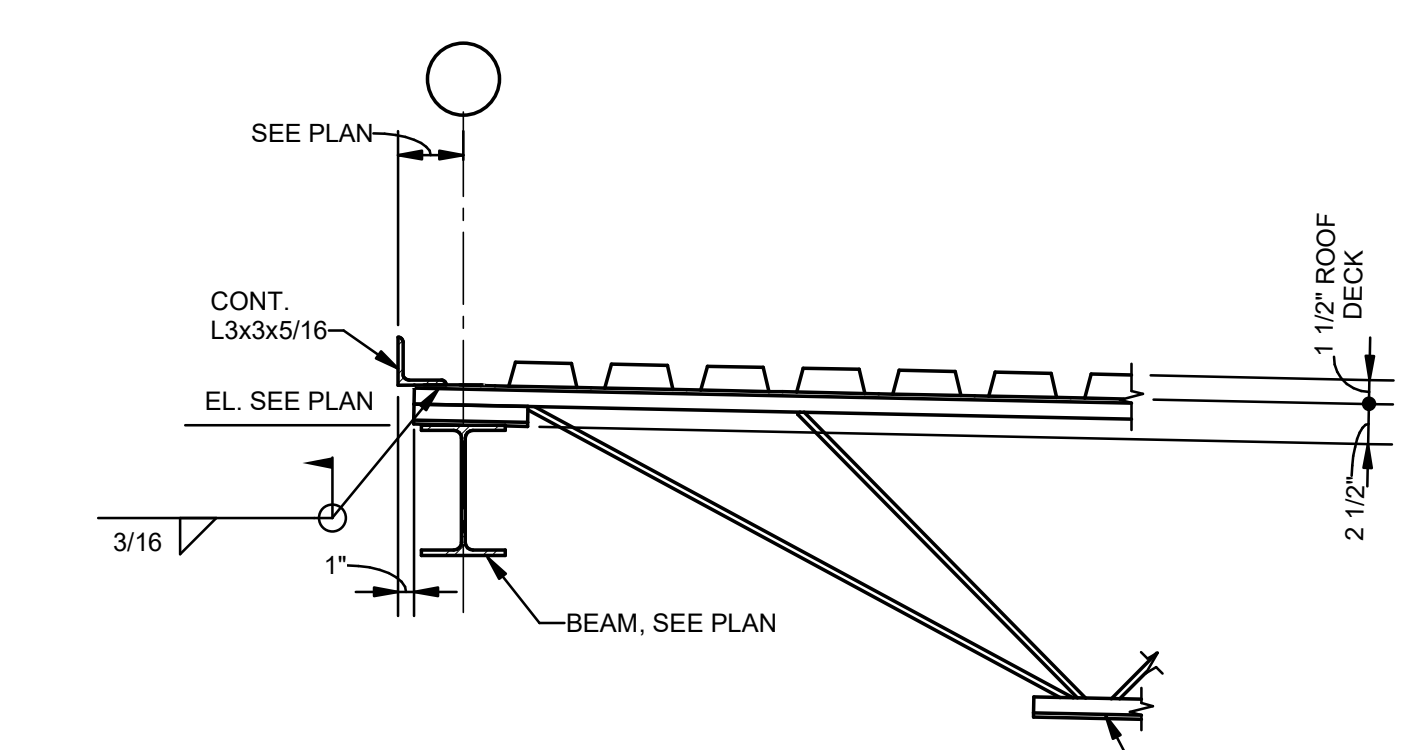
1 SECTION
S301 1" = 1'-0"



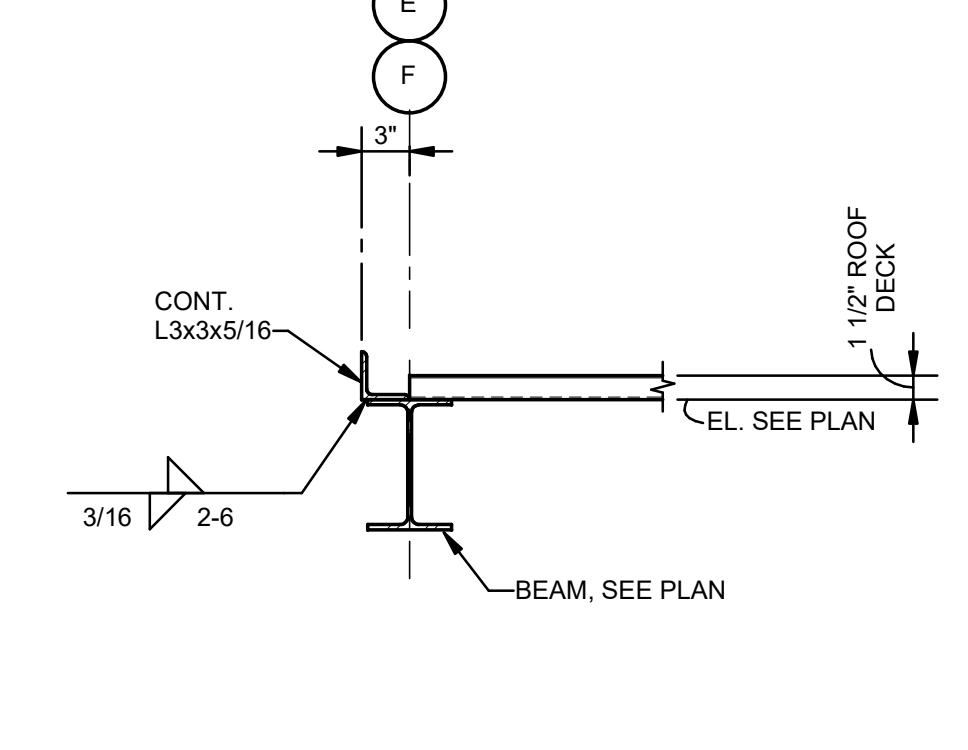
2 SECTION
S301 1" = 1'-0"



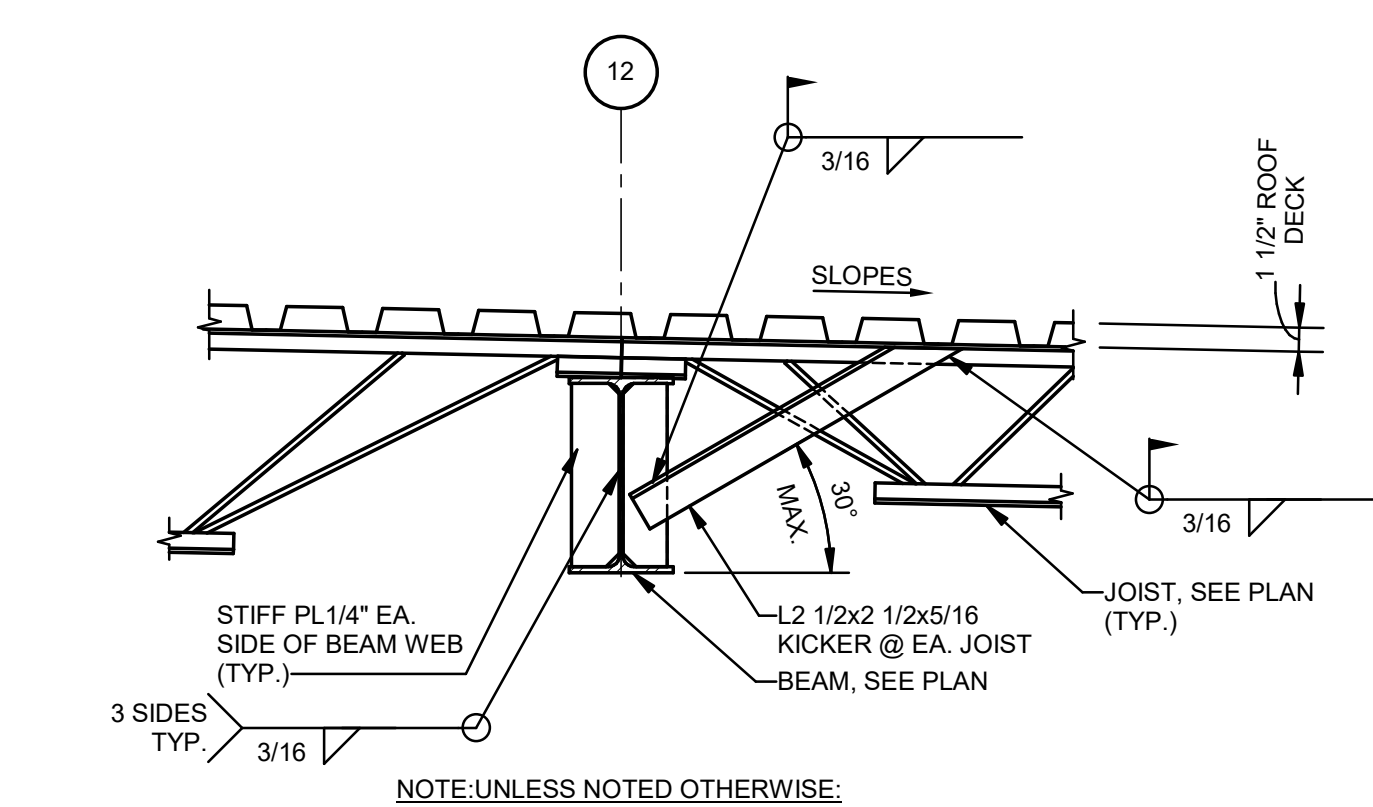
3 SECTION
S301 1" = 1'-0"



4 SECTION
S301 1" = 1'-0"

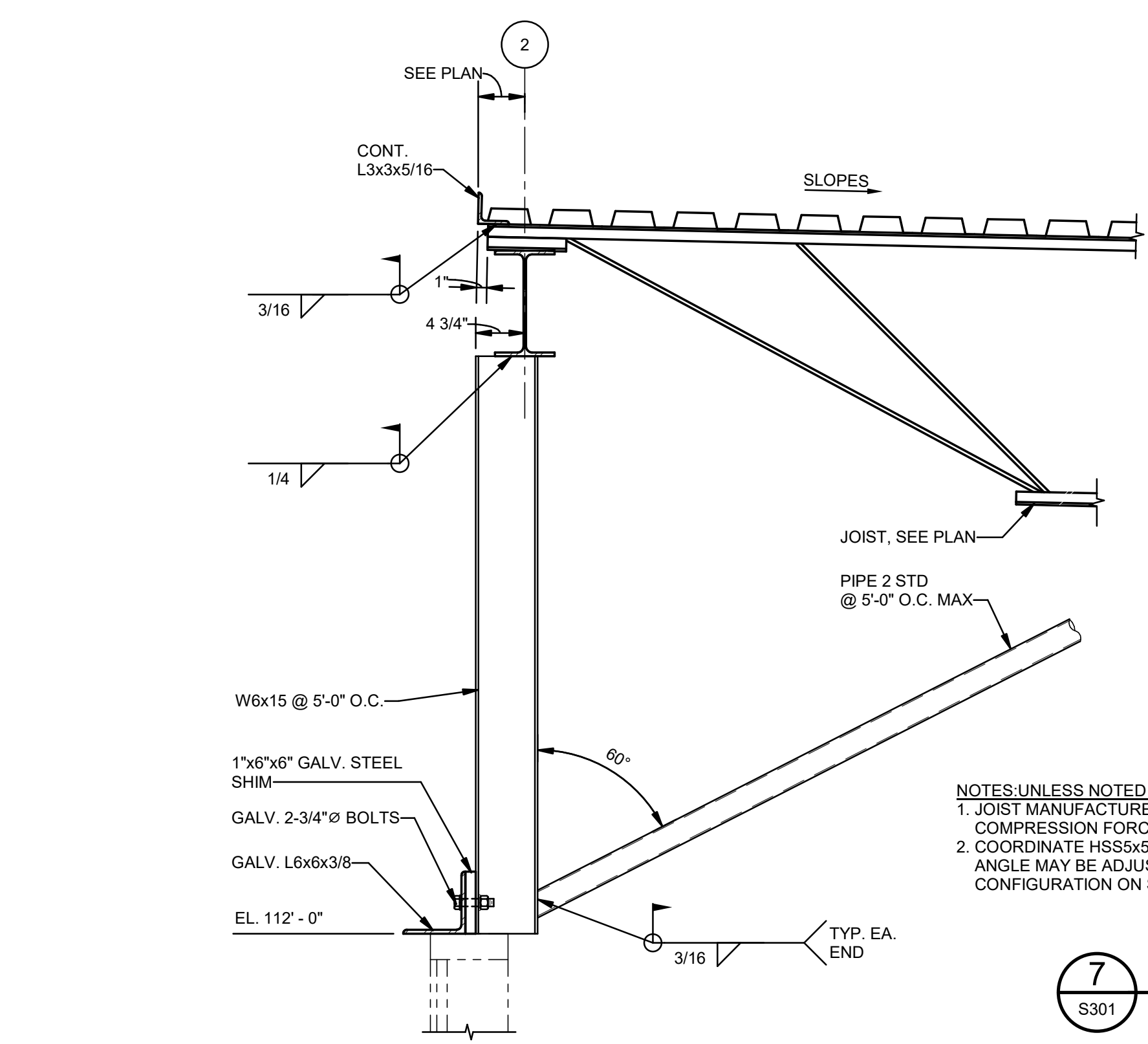


5 SECTION
S301 1" = 1'-0"



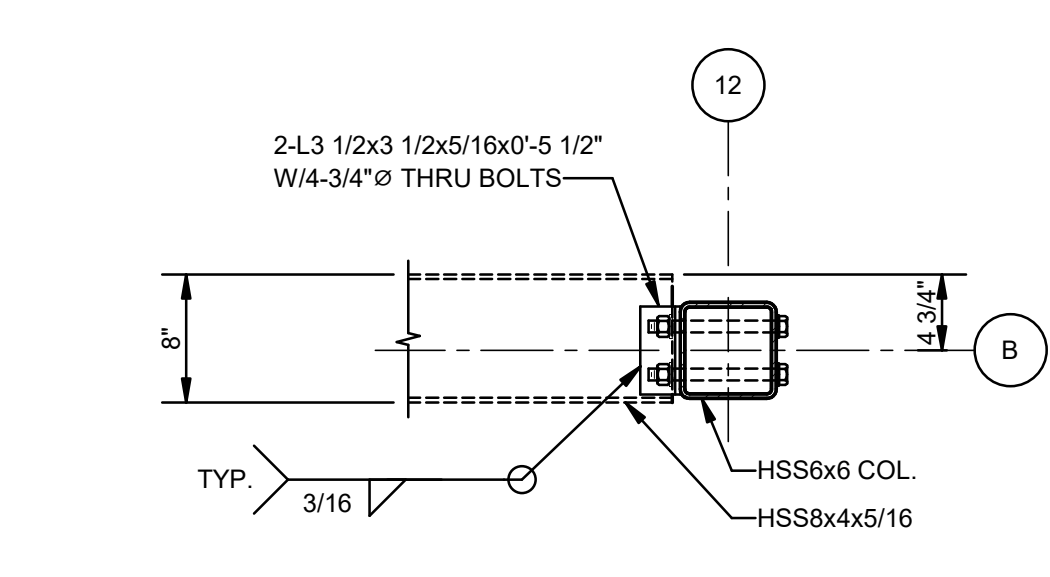
6 SECTION
S301 1" = 1'-0"

NOTE: UNLESS NOTED OTHERWISE:
1. KICKERS MAY BE INSTALLED EITHER SIDE OF BEAM.

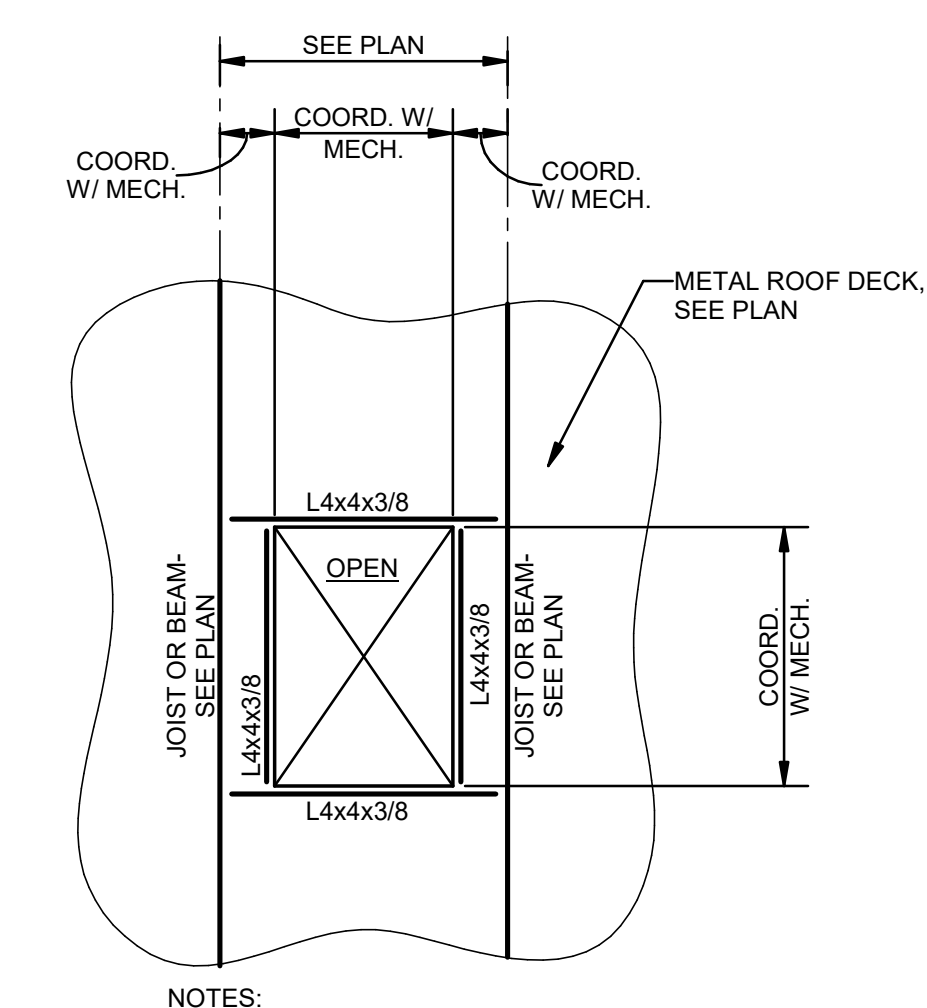


7 SECTION
S301 1" = 1'-0"

NOTES: UNLESS NOTED OTHERWISE:
1. JOIST MANUFACTURER TO ACCOUNT FOR 3.0 KIP TENSION OR COMPRESSION FORCE IN PIPE 2 STD.
2. COORDINATE HSS5x5x1/4 LOCATION WITH JOIST WEB MEMBERS. 60° ANGLE MAY BE ADJUSTED SLIGHTLY TO AVOID CONFLICTS. SHOW FINAL CONFIGURATION ON SHOP DRAWINGS.

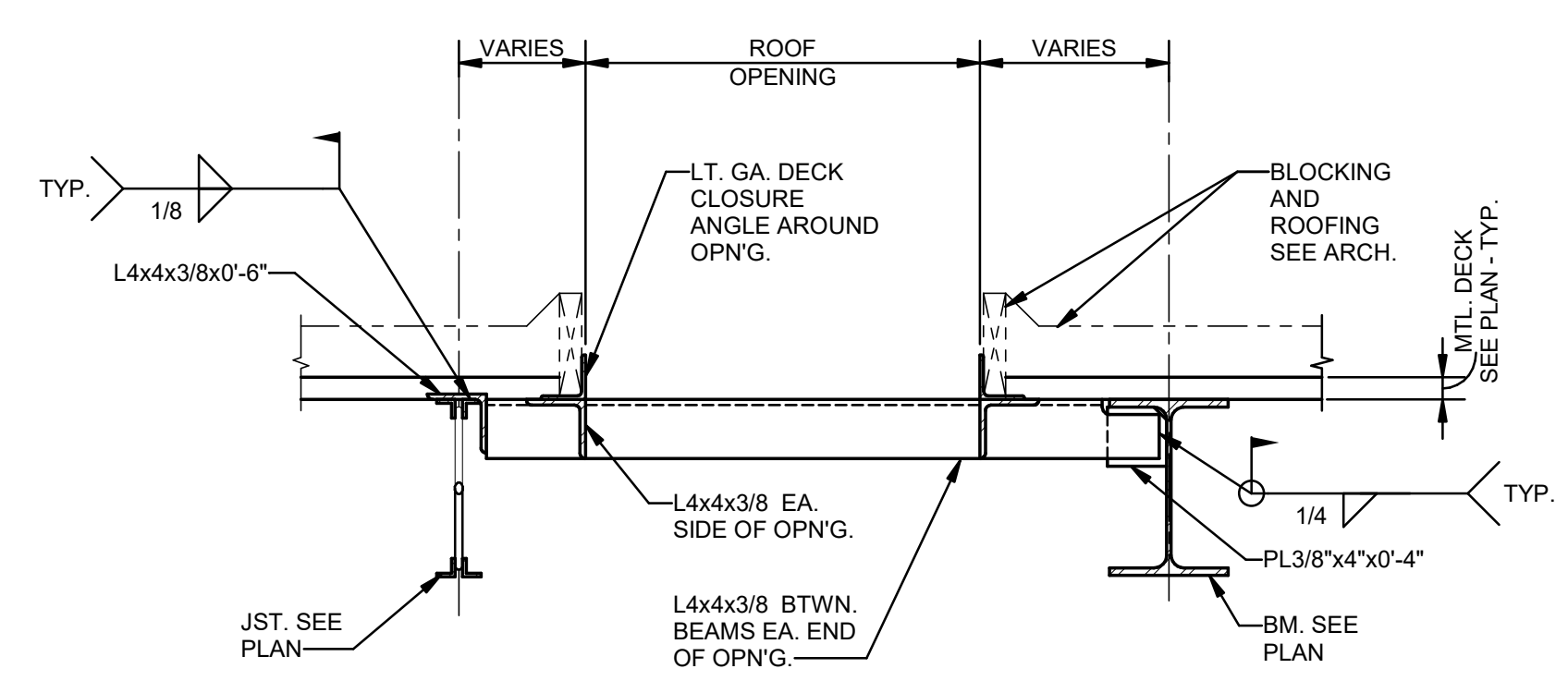


9 PLAN DETAIL
S301 1" = 1'-0"



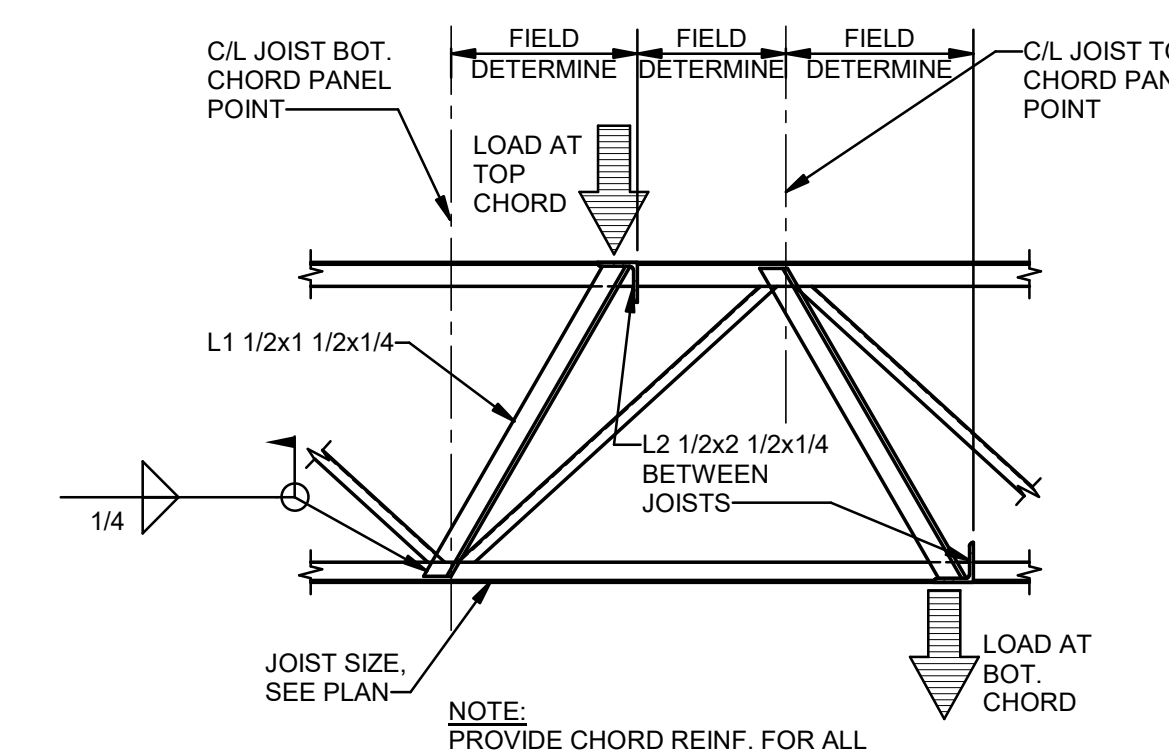
10 PLAN DETAIL-TYP. SLAB OPENING
S301 1/4" = 1'-0"

NOTES:
1. COORDINATE SIZE AND LOCATION OF ALL OPENINGS WITH MECHANICAL.
2. ANY OPENINGS WHICH CANNOT BE FRAMED AS SHOWN SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION FOR REVIEW.



11 DETAIL-TYP. ROOF OPENING
S301 1" = 1'-0"

NOTE: FRAME OUT ALL OPENINGS LARGER THAN 1'-0" AS THUS.



12 DETAIL-TYPICAL JOIST REINF. AT CONCENTRATED LOAD
S301 1" = 1'-0"

NOTE: PROVIDE CHORD REINF. FOR ALL CONCENTRATED LOADS GREATER THAN 50LBS LOCATED MORE THAN 6" FROM C/L PANEL POINT.

No.	Description	Date
1	75% CD	04-02-20
2	95% CD	Date 2

KEY PLAN

05-05-23

Mathes Brierre ARCHITECTS
ARCHITECTS BEAZLEY MOLIÈRE
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PROJECT TITLE

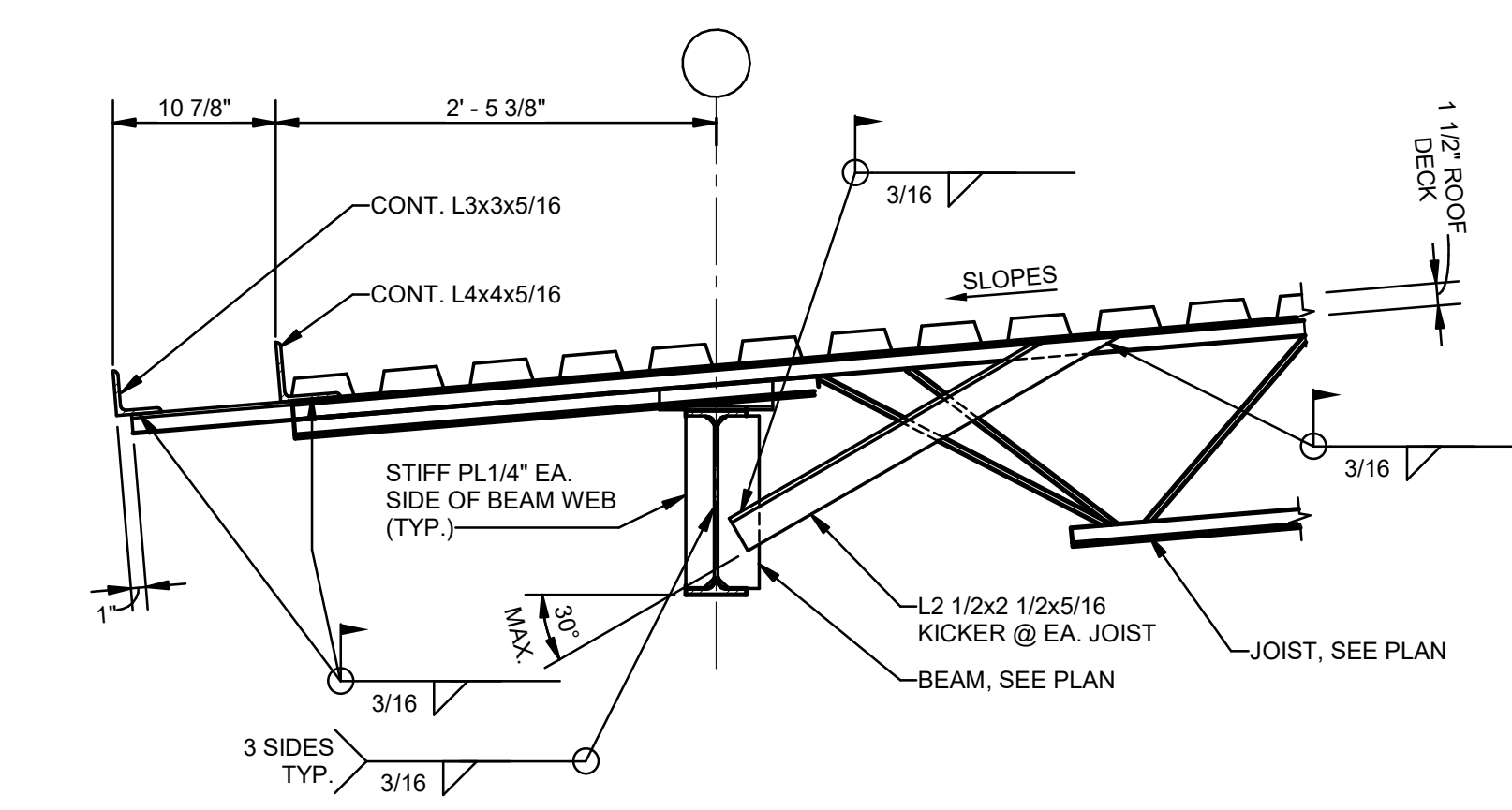
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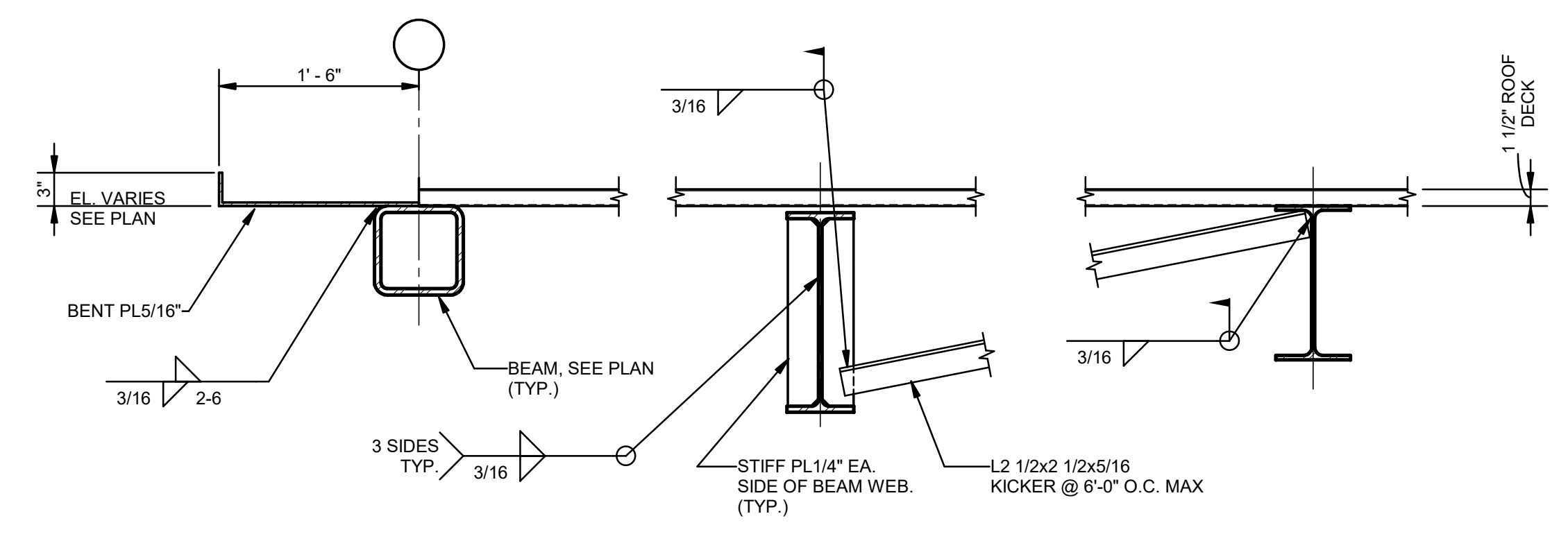
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DESIGNED BY	JAS	CHECKED BY	Checker
DRAWN BY	HSB	DATE	05.05.23
SHEET TITLE	SECTIONS		
PROJECT NO.	MBA - 11884	SHEET NO.	S301
	ABM - 201803		

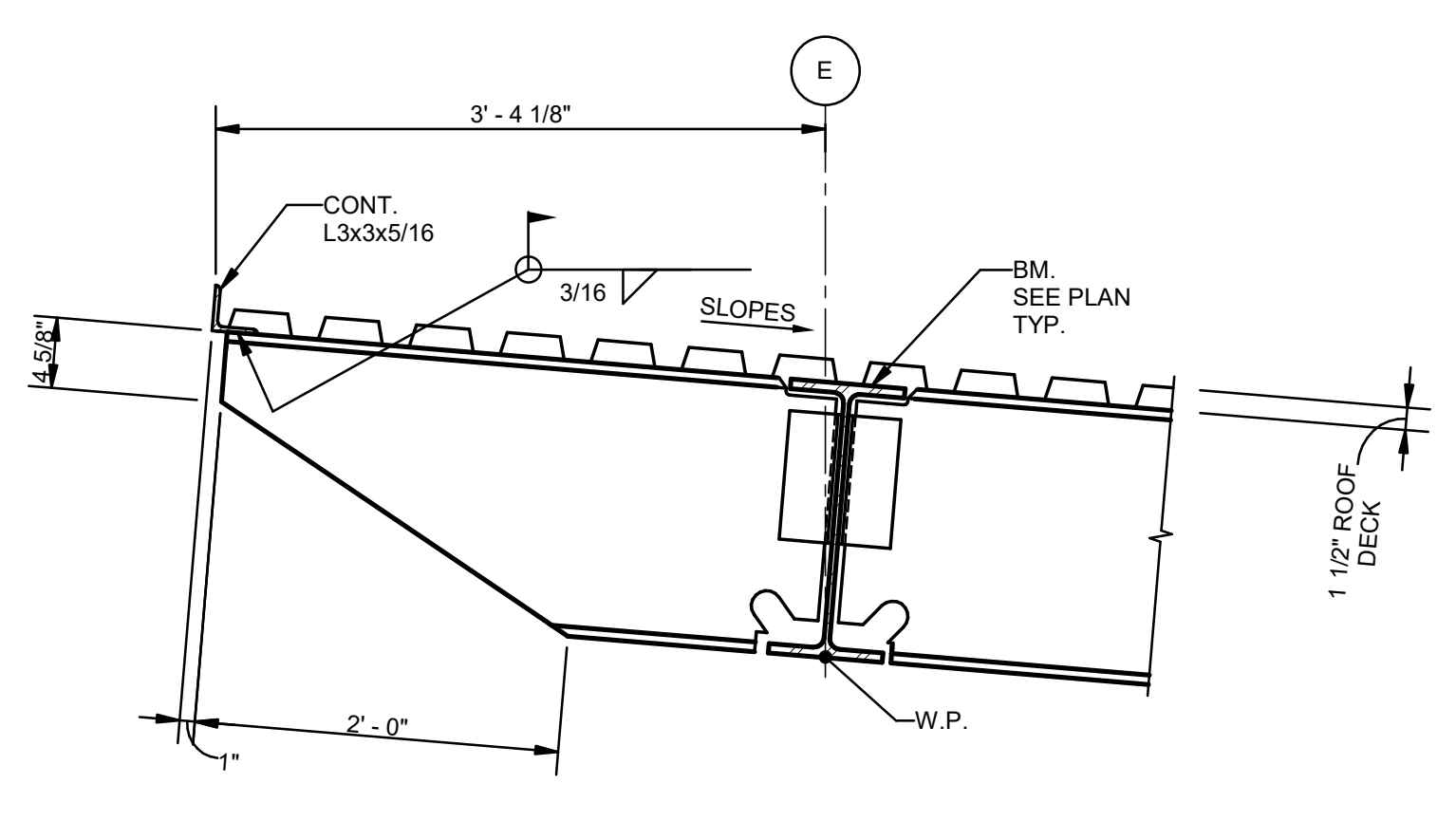




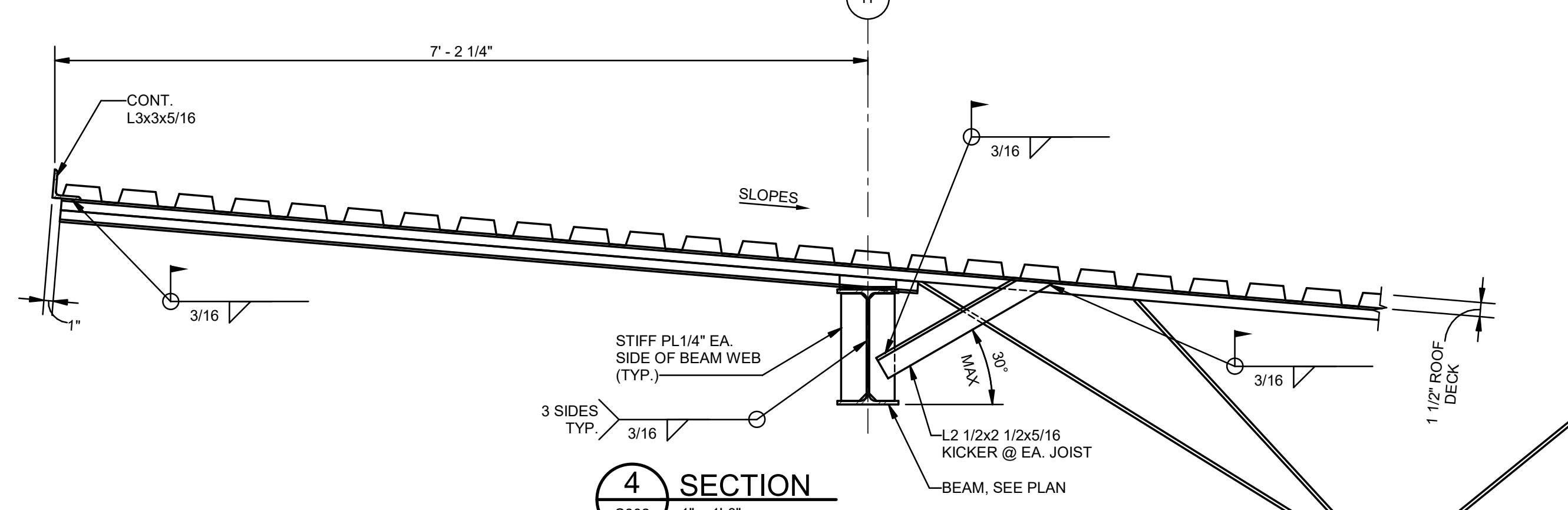
1 SECTION
S302 1" = 1'-0"



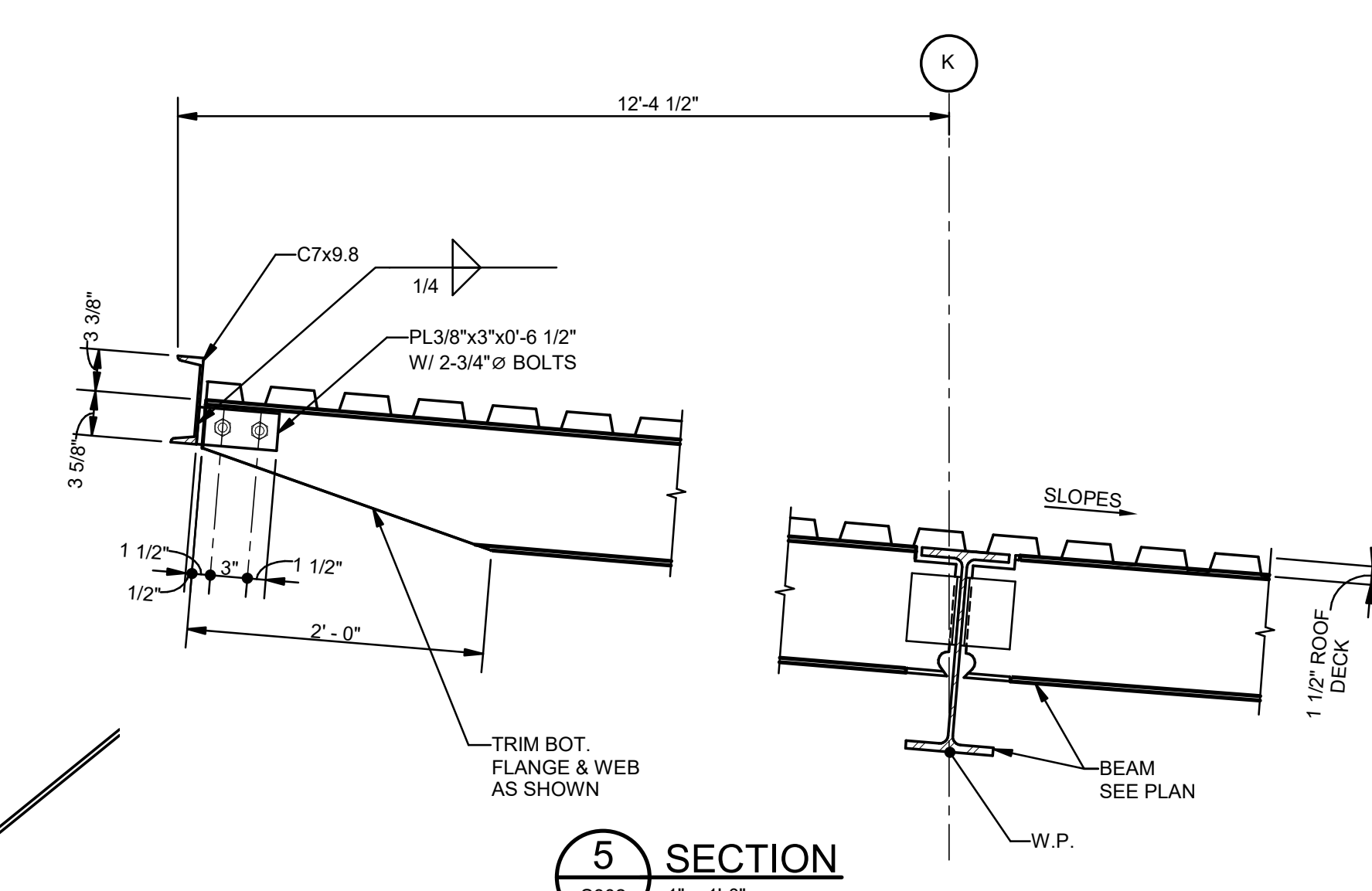
2 SECTION
S302 1" = 1'-0"



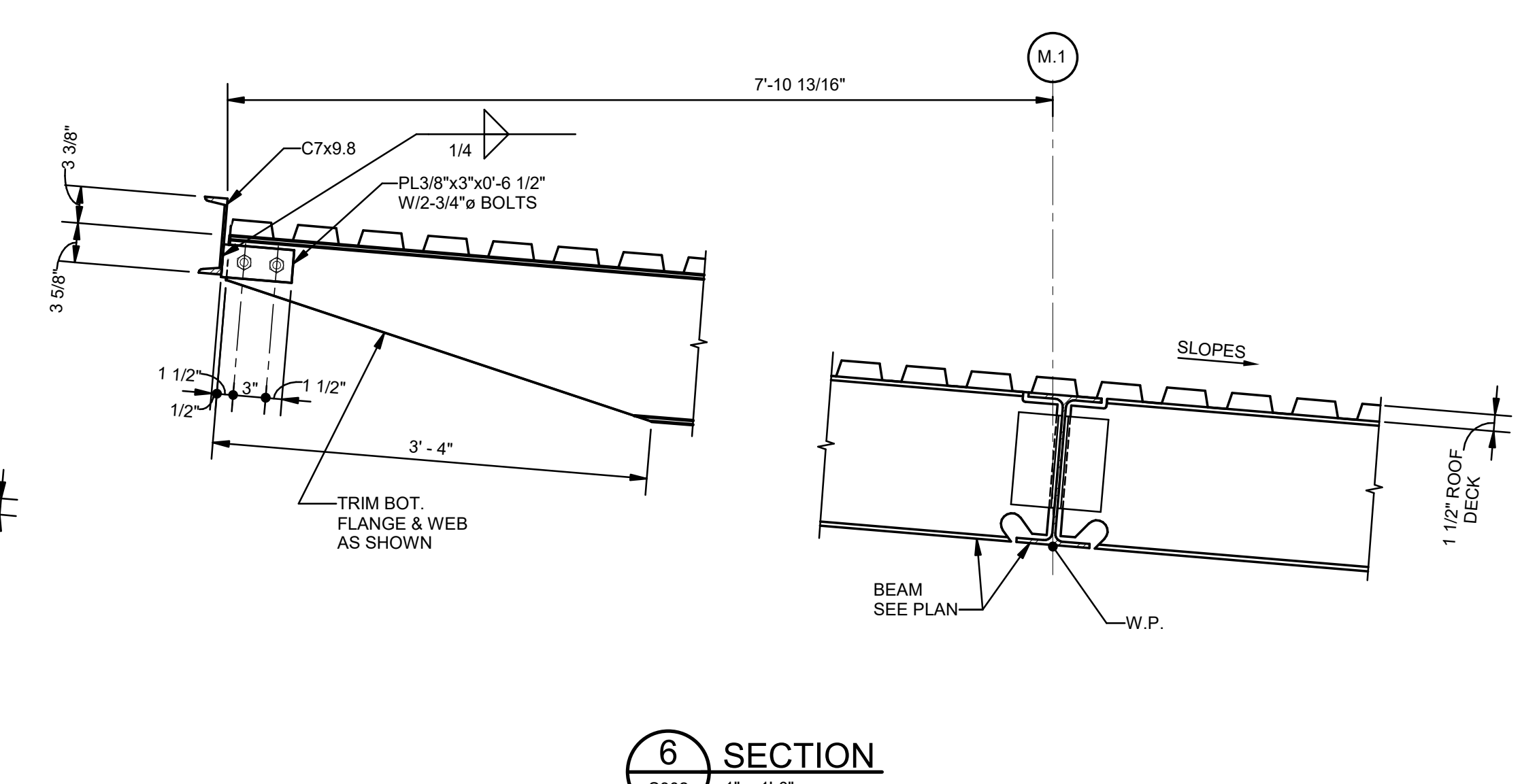
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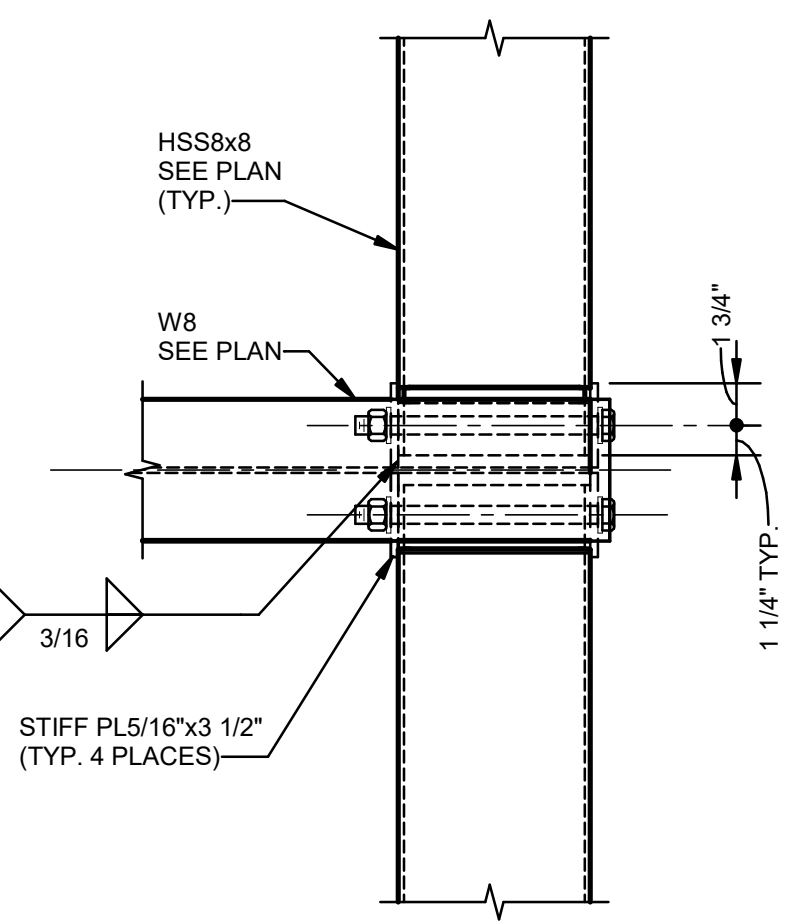
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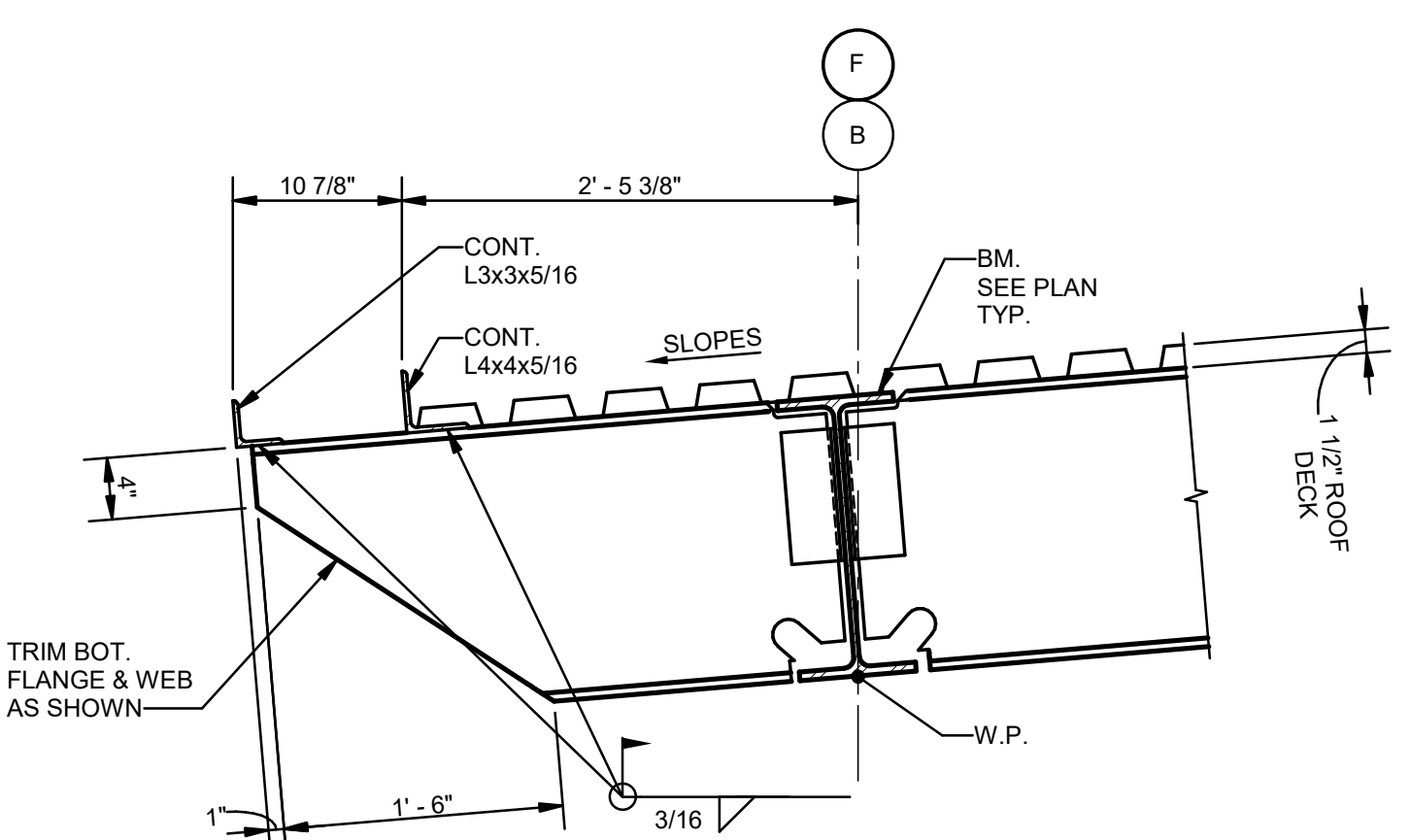
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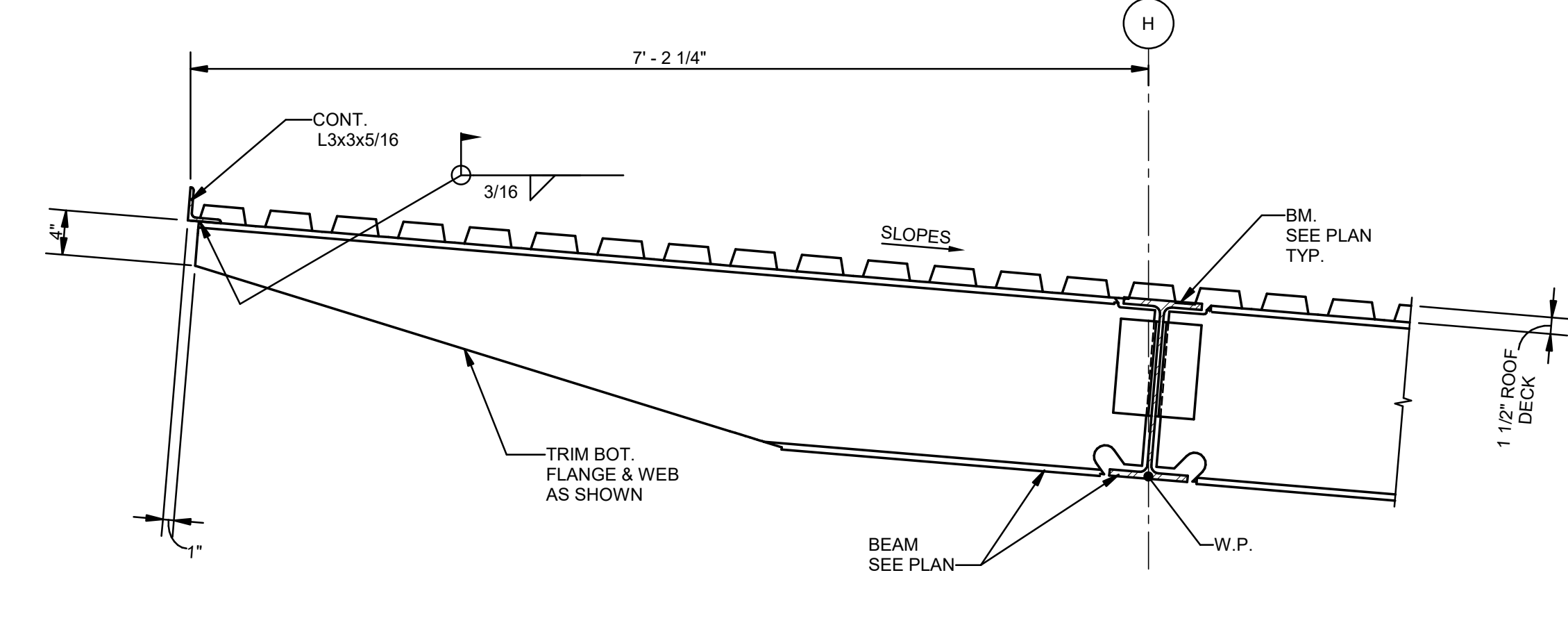
6 SECTION
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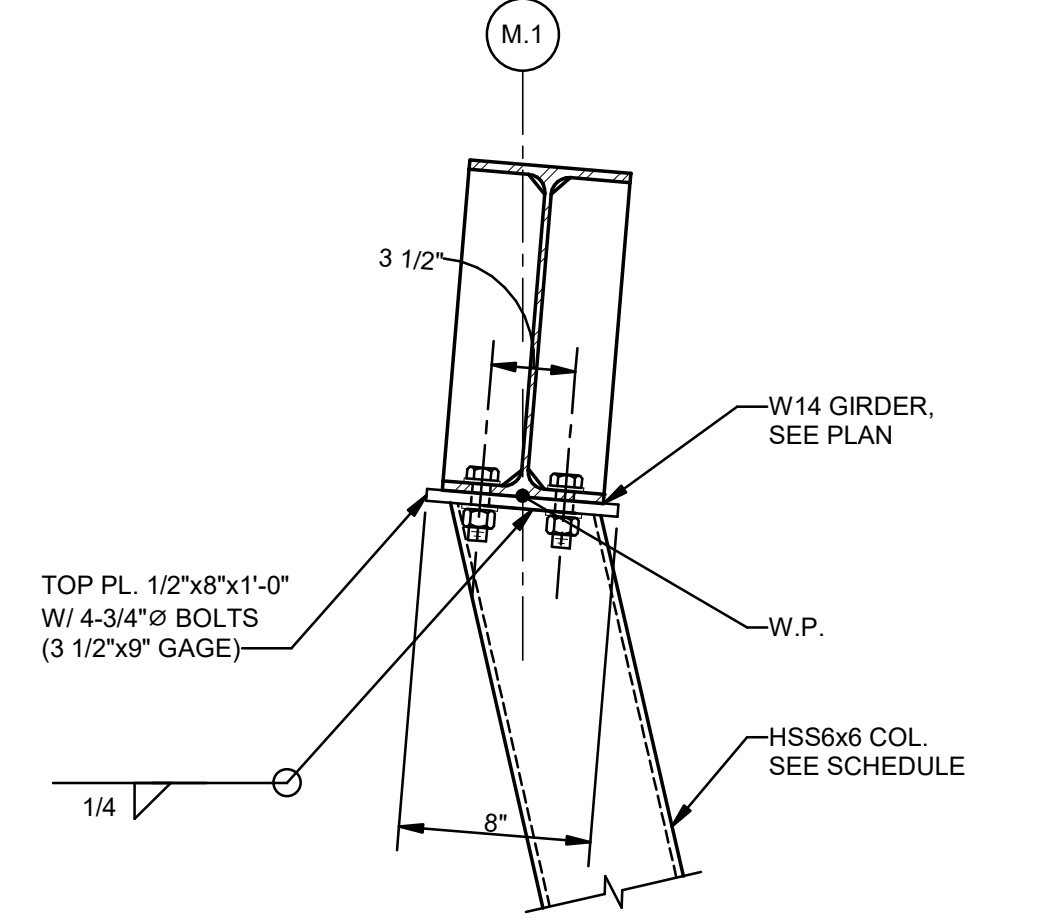
7 PLAN DETAIL
S302 1 1/2" = 1'-0"



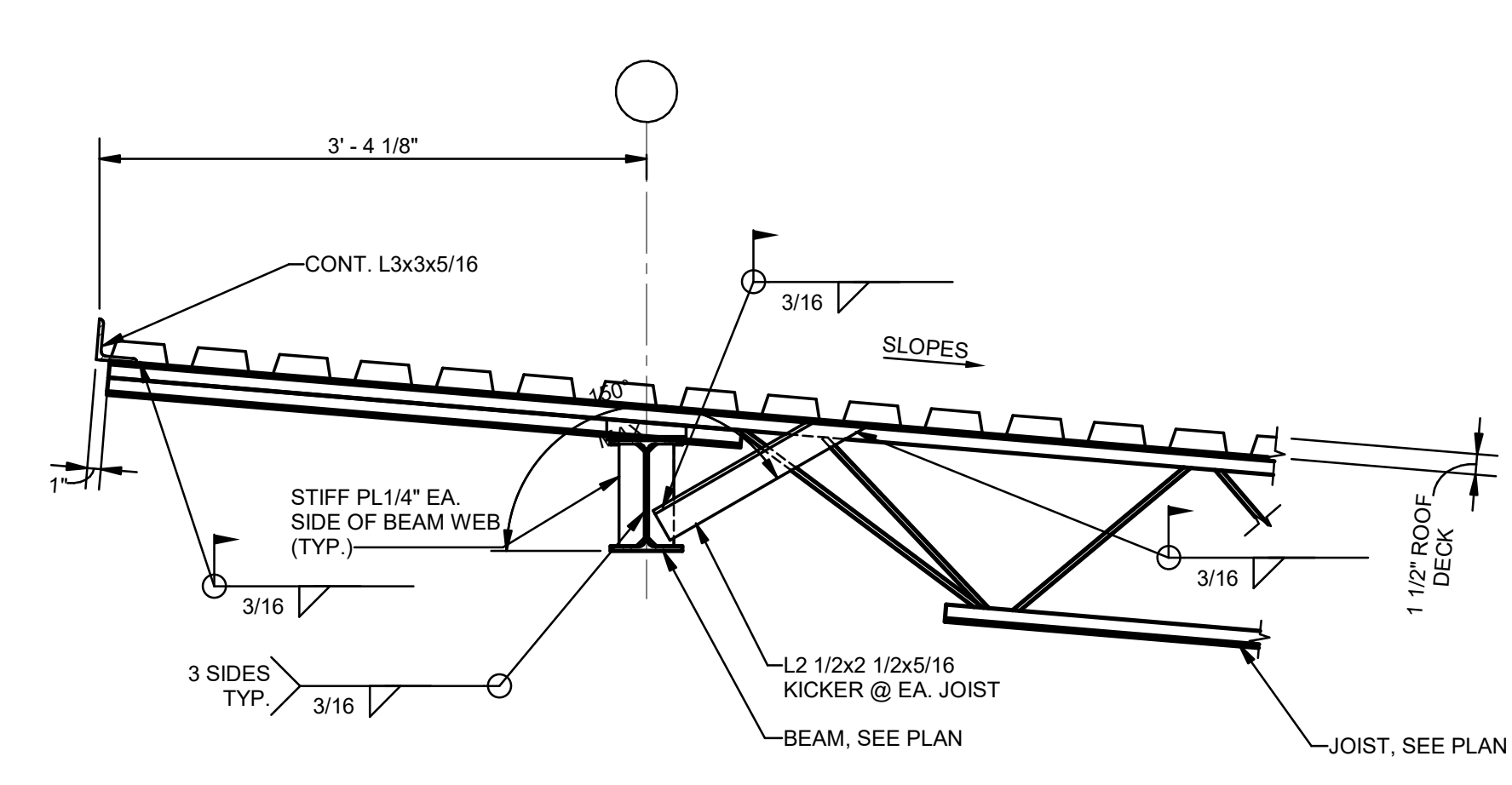
8 SECTION
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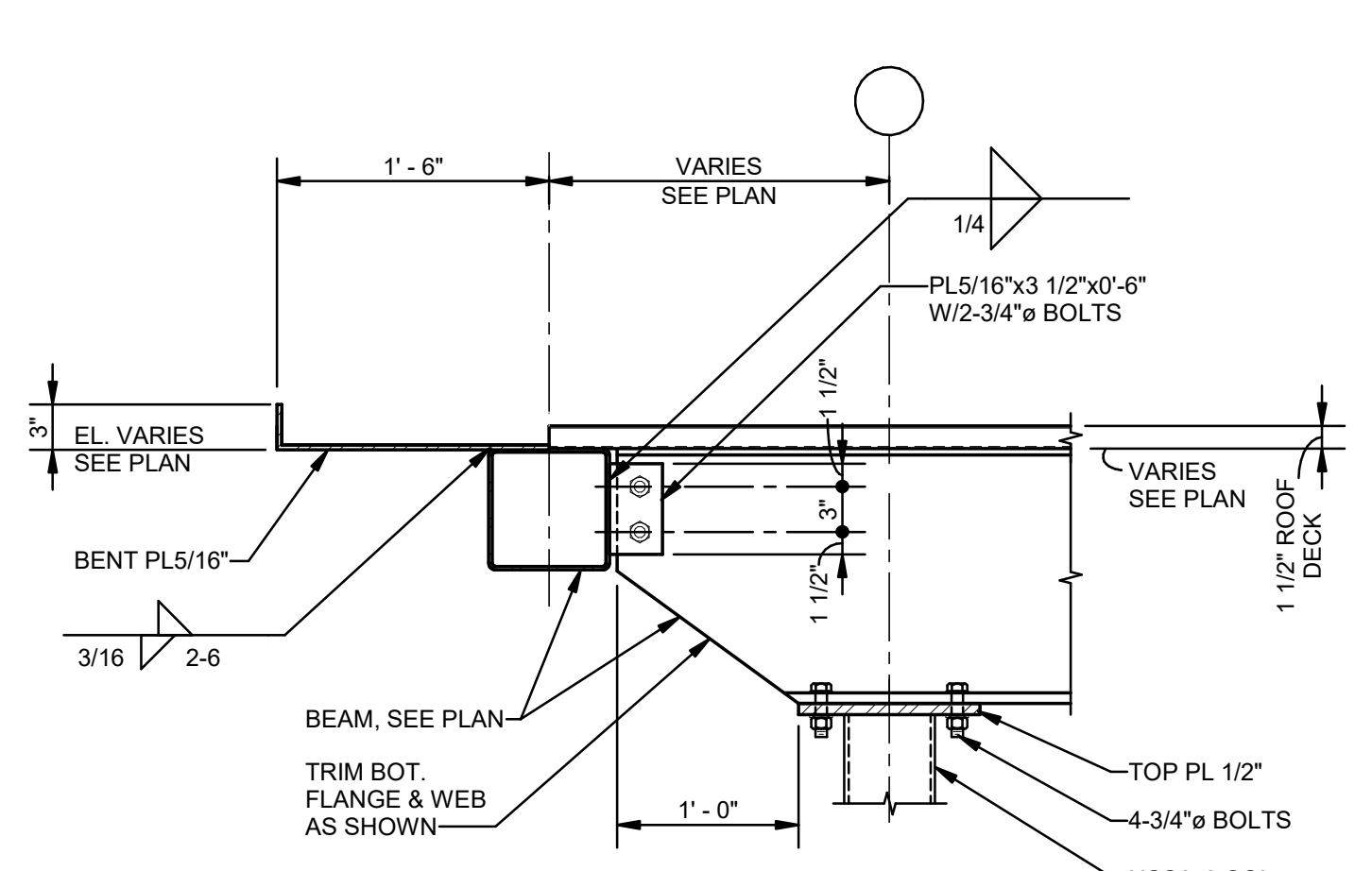
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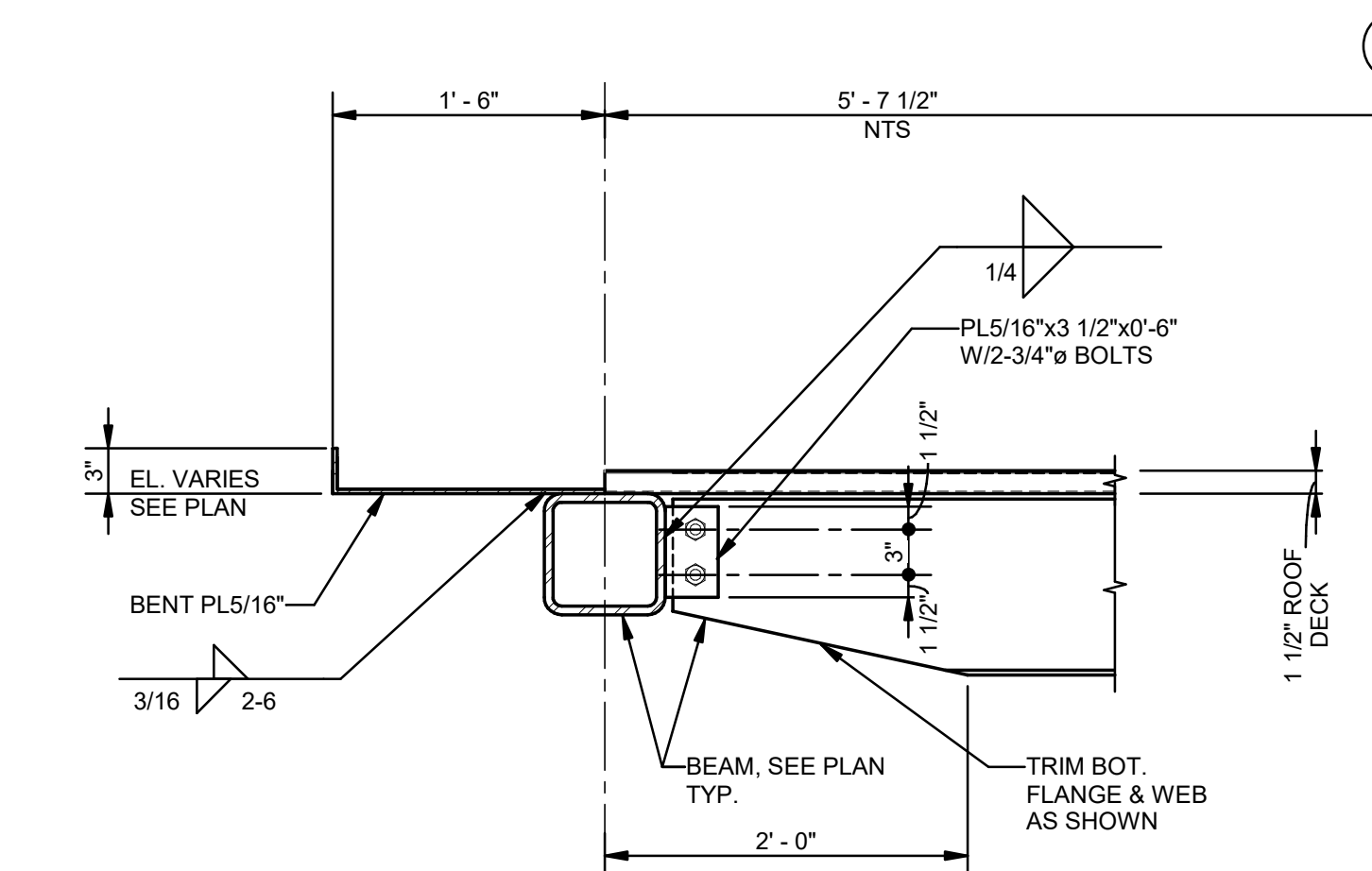
10 SECTION
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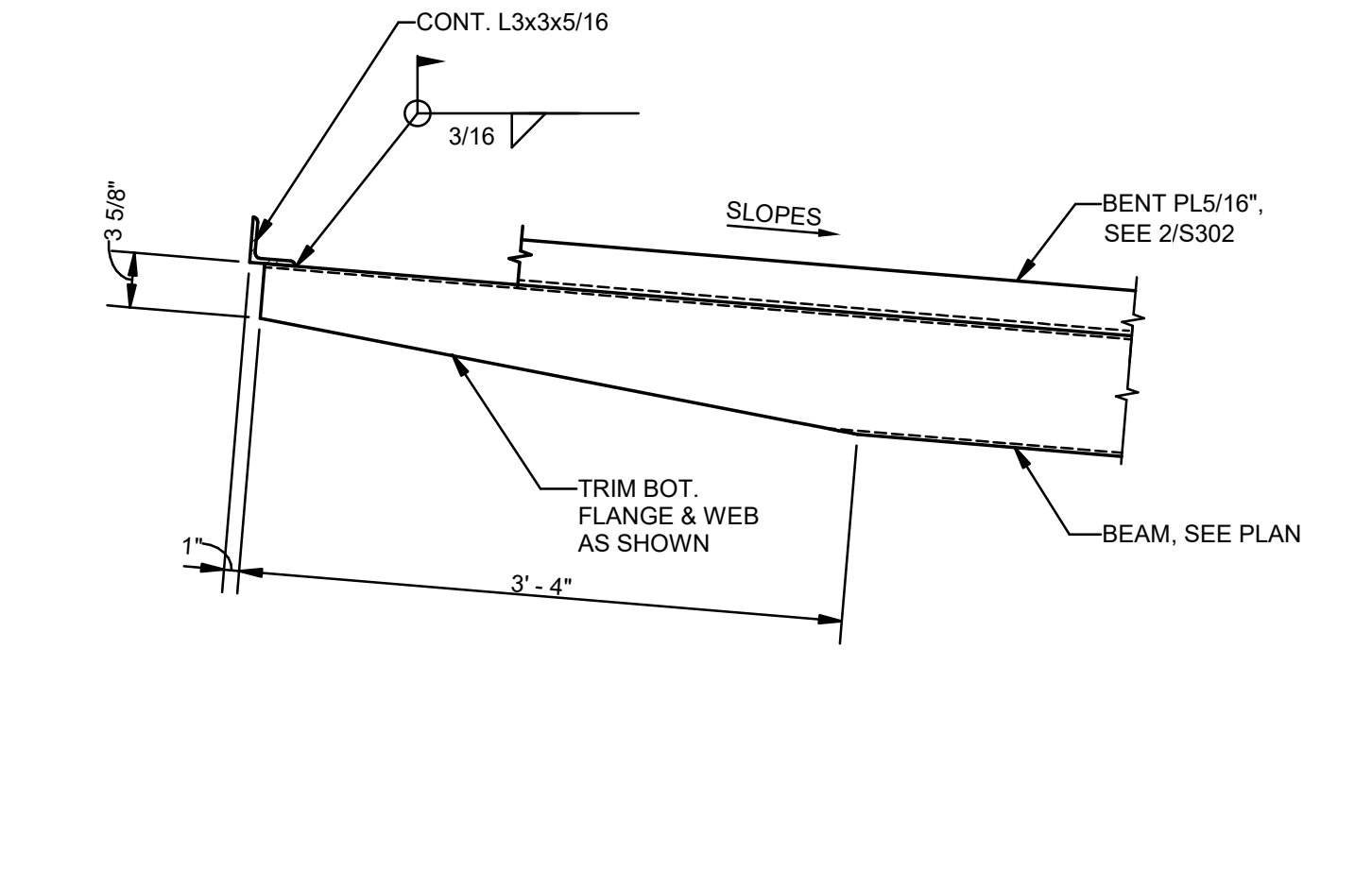
11 SECTION
S302 1" = 1'-0"



12 SECTION
S302 1" = 1'-0"



13 SECTION
S302 1" = 1'-0"



14 SECTION
S302 1" = 1'-0"

No.	Description	Date
1	75% CD	04-02-20
2	95% CD	Date 2

KEY PLAN

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 Voice: 504.586.5303. Fax: 504.582.1305

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PROJECT TITLE

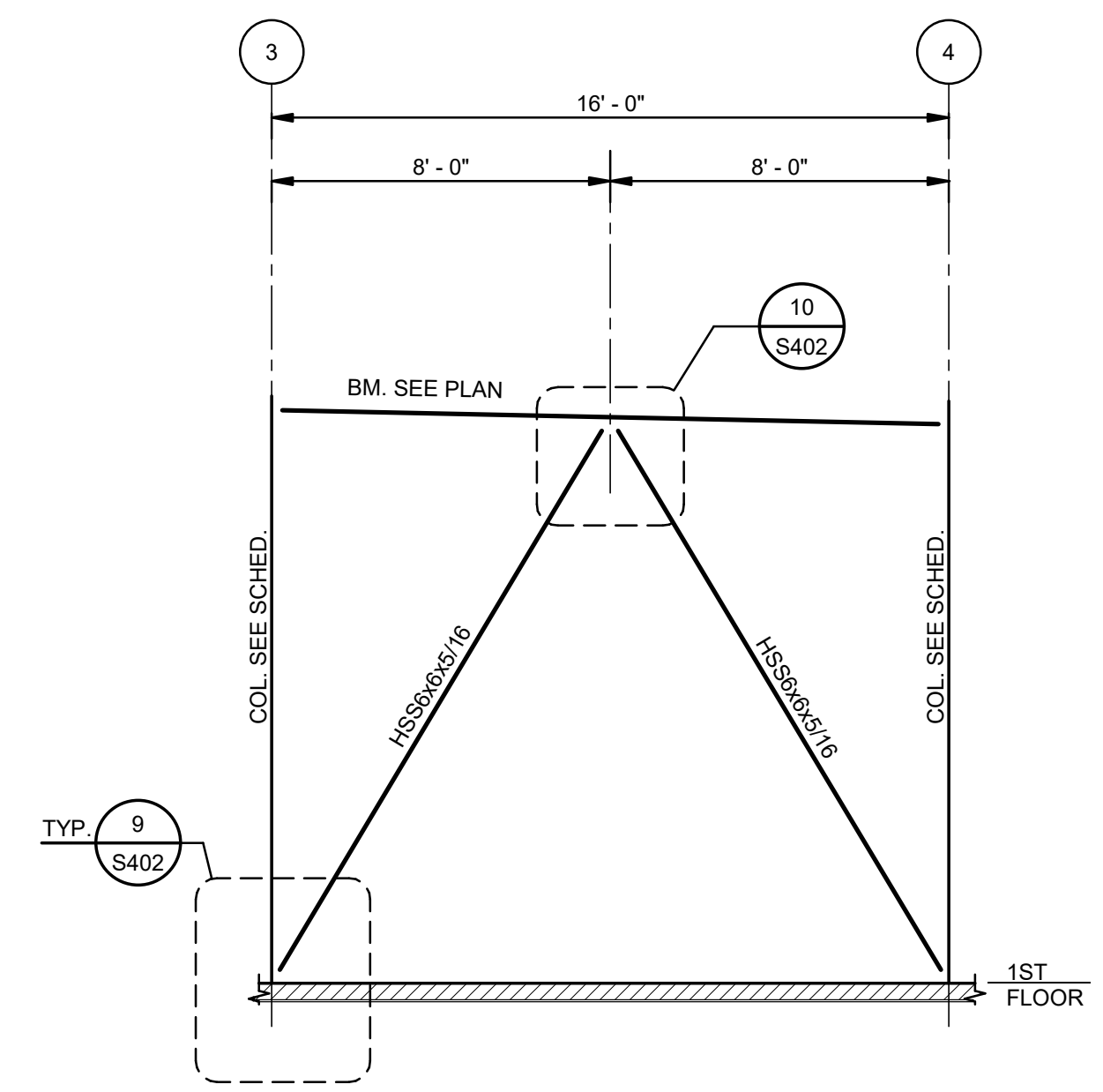
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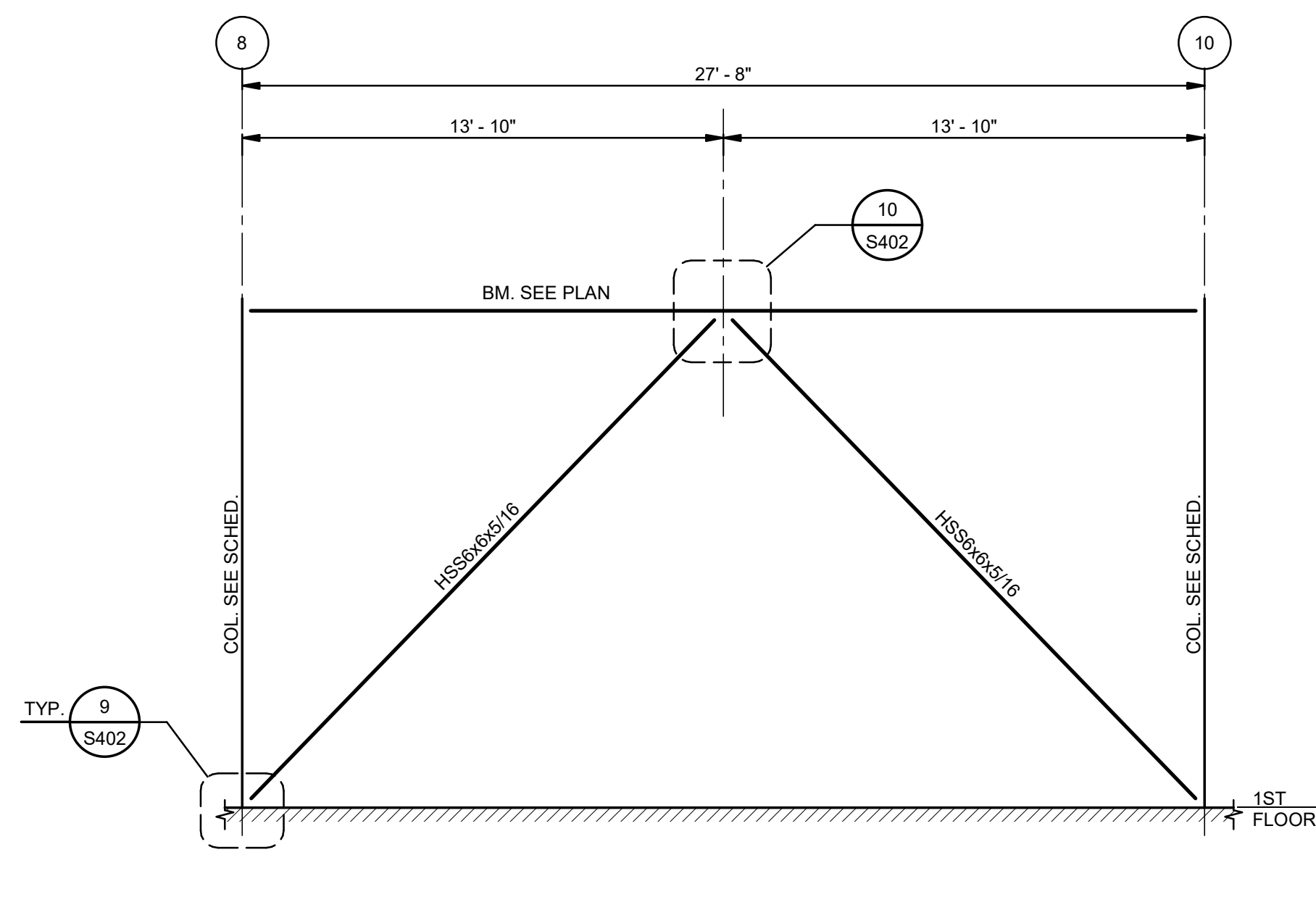
PERMIT DOCUMENTS

DESIGNED BY	JAS	CHECKED BY	Checker
DRAWN BY	HSB	DATE	05.05.23
SHEET TITLE	SECTIONS		
PROJECT NO.	MBA - 11884	SHEET NO.	S302
	ABM - 201803		

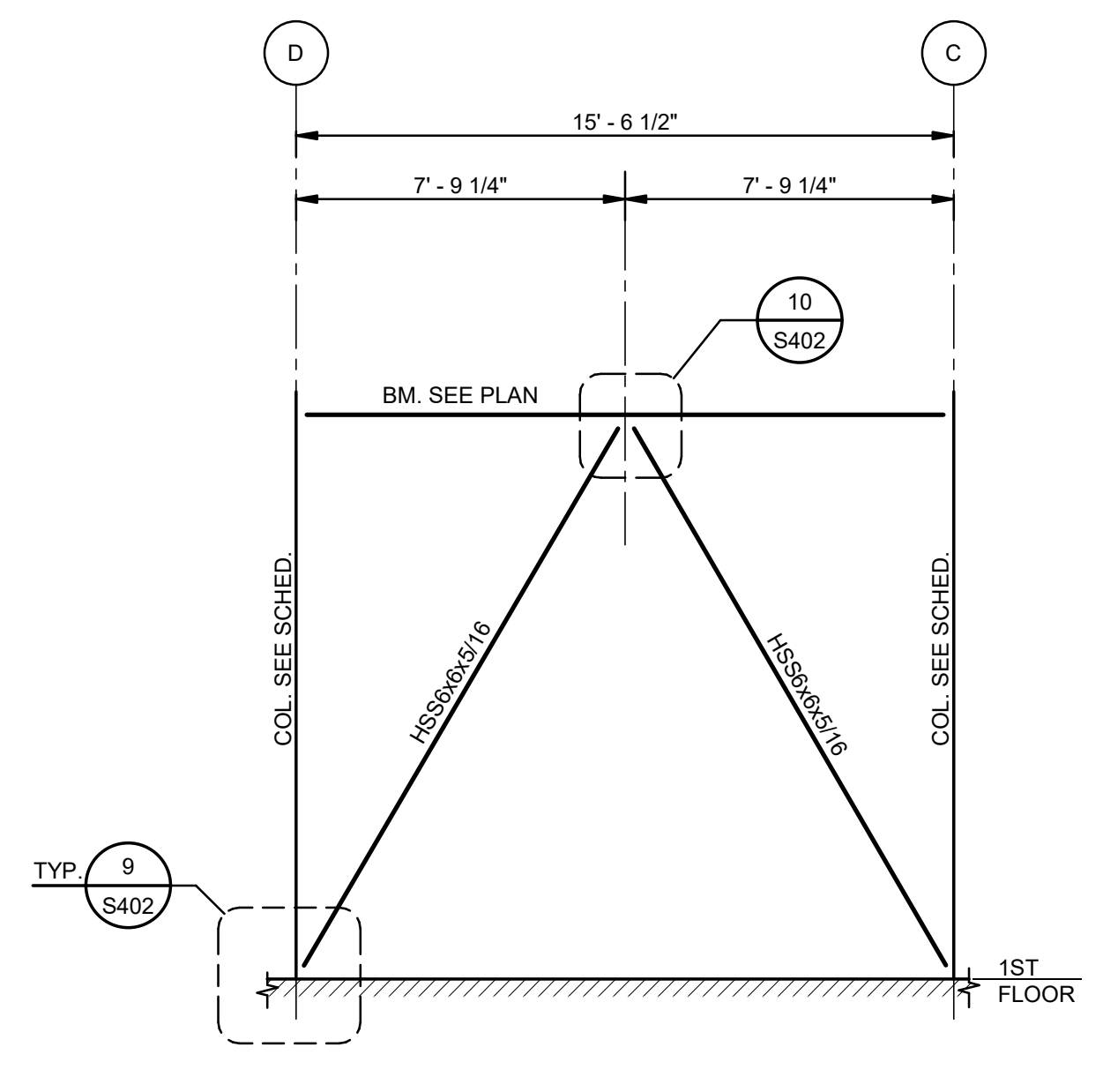
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 CONSULTING ENGINEERS
 (504) 488-1317
 JOB NO. 19192



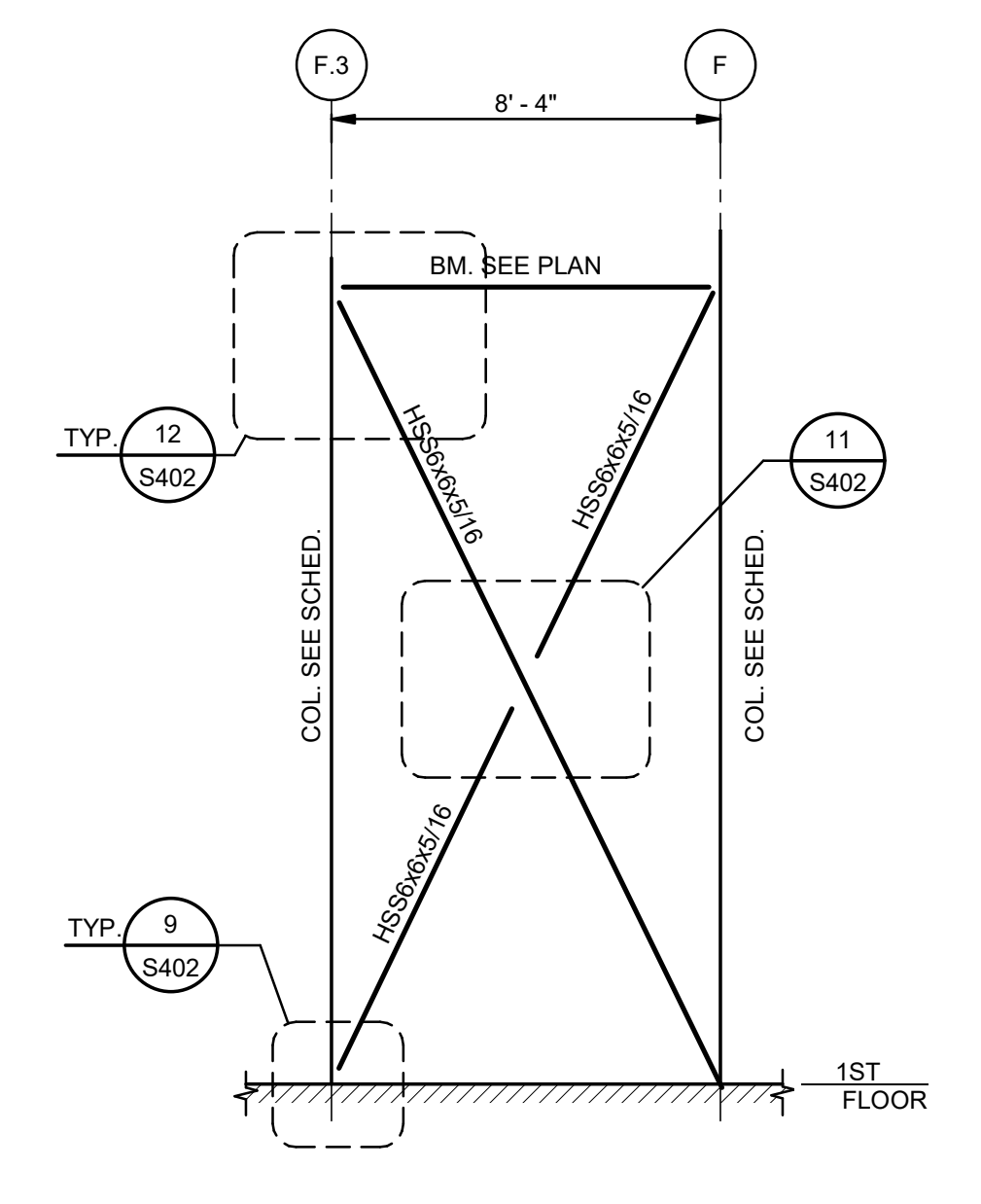
1 ELEVATION-BRACING AT COLUMN LINE A
S401 1/4" = 1'-0"



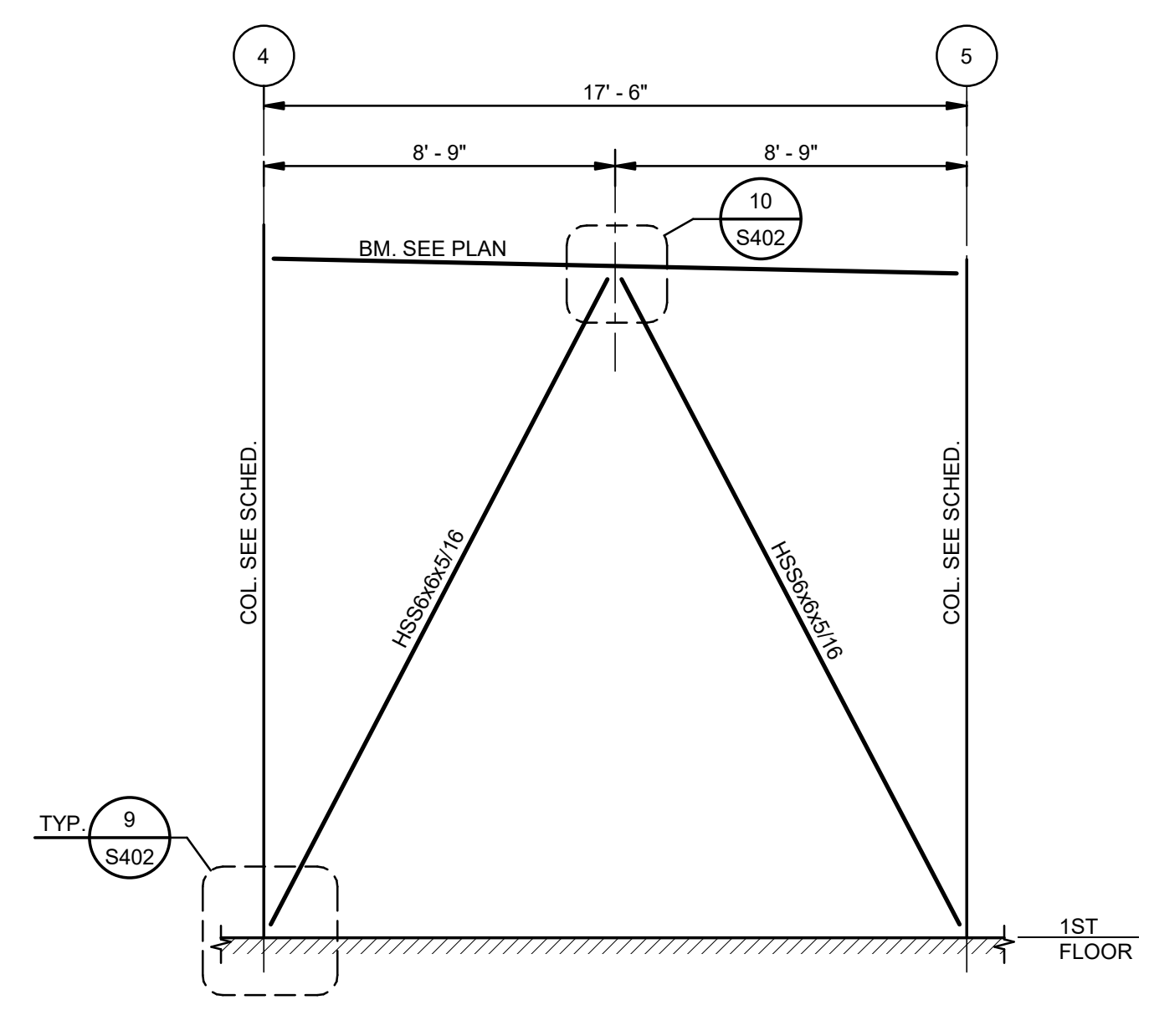
2 ELEVATION-BRACING AT COLUMN LINE A
S401 1/4" = 1'-0"



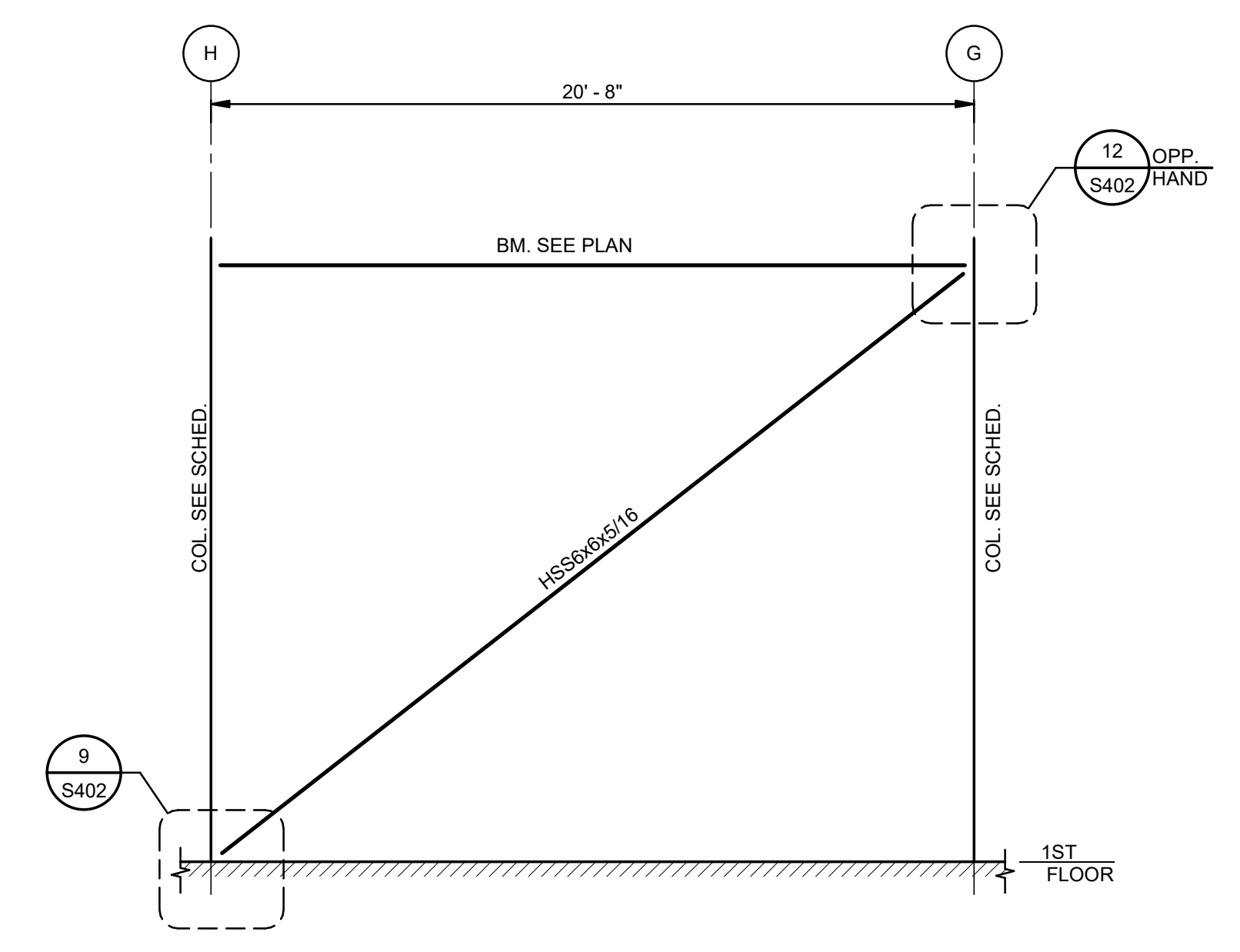
3 ELEVATION-BRACING AT COLUMN LINE 3
S401 1/4" = 1'-0"



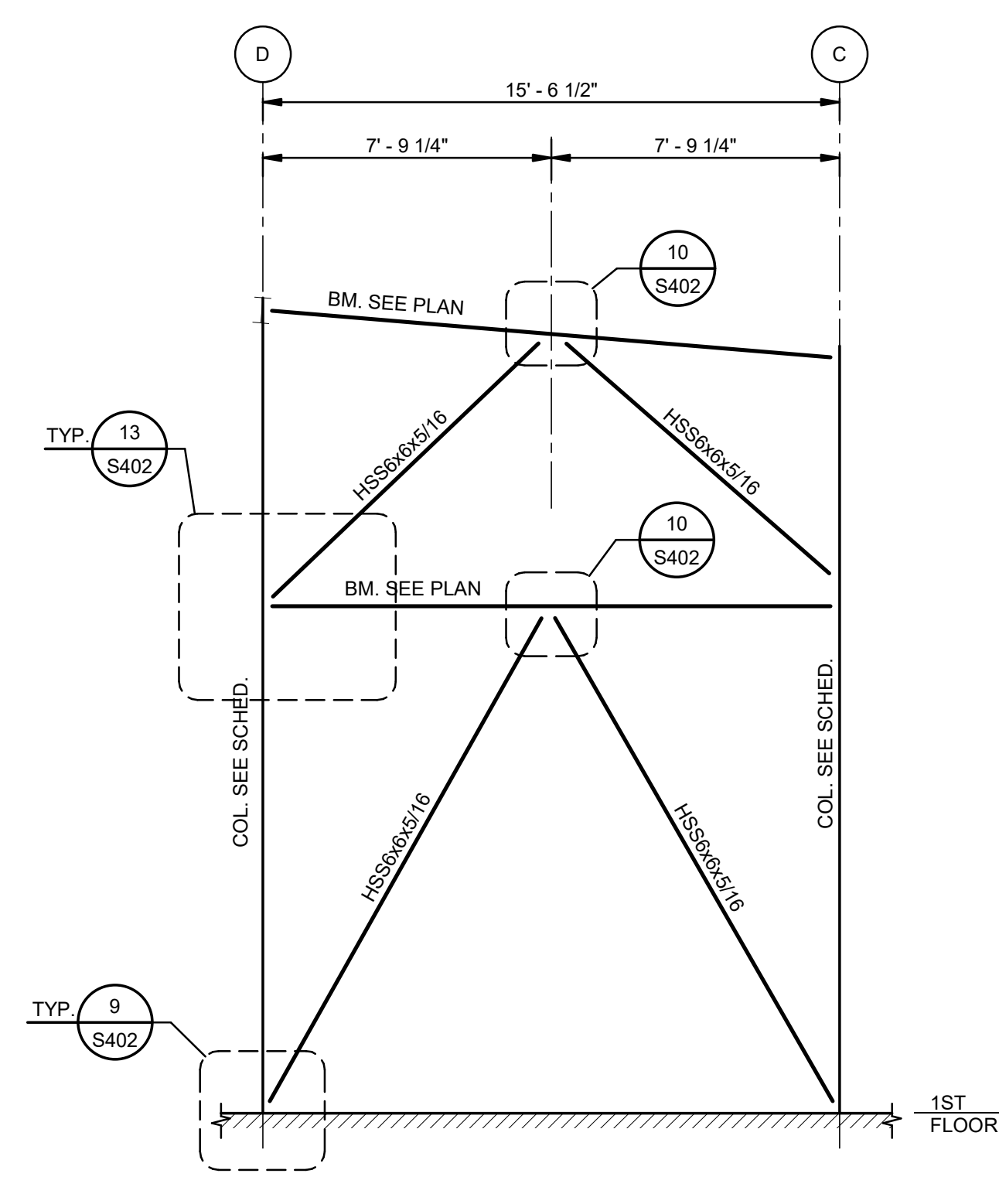
4 ELEVATION-BRACING AT COLUMN LINE 2
S401 1/4" = 1'-0"



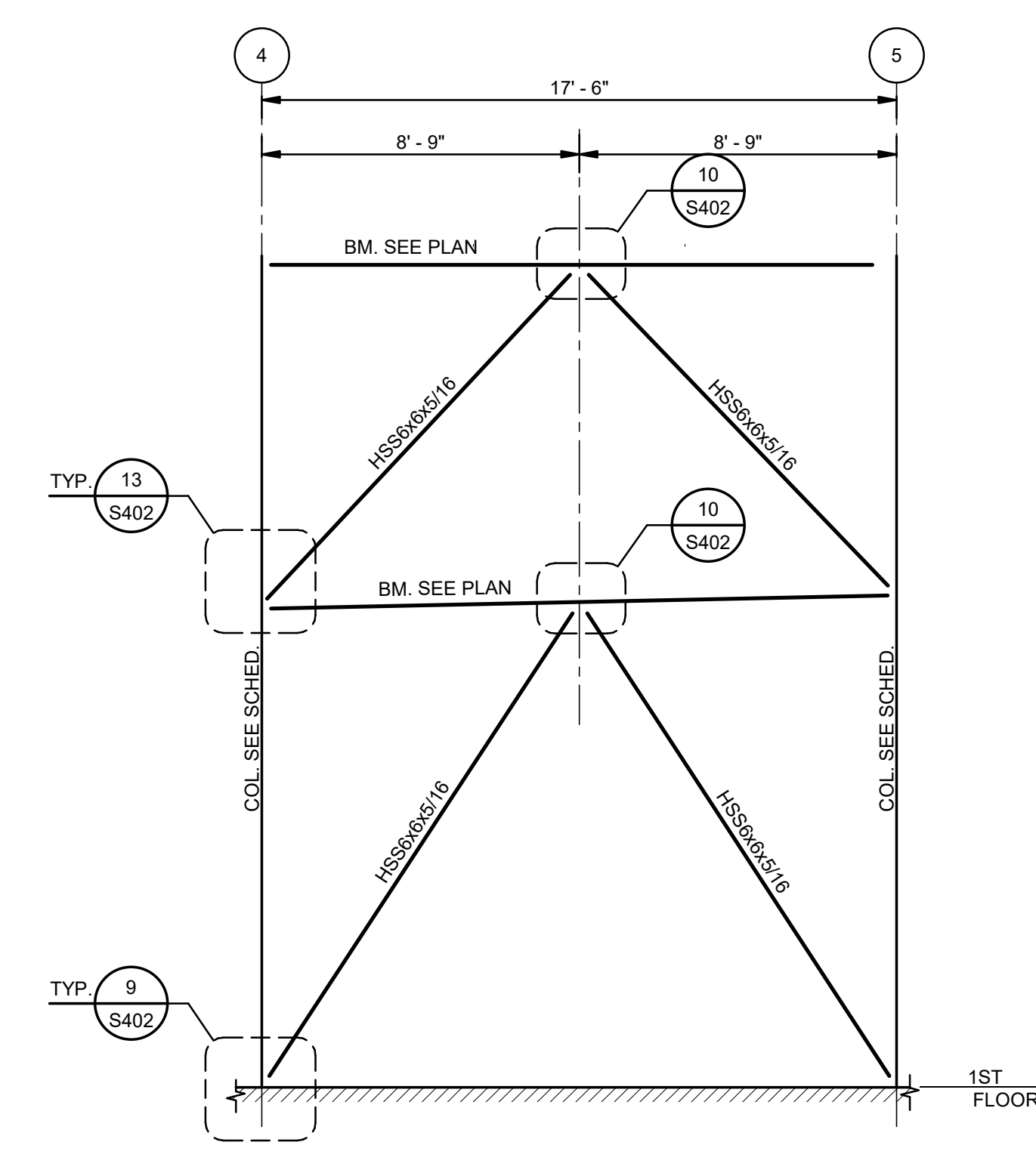
5 ELEVATION-BRACING AT COLUMN LINE J
S401 1/4" = 1'-0"



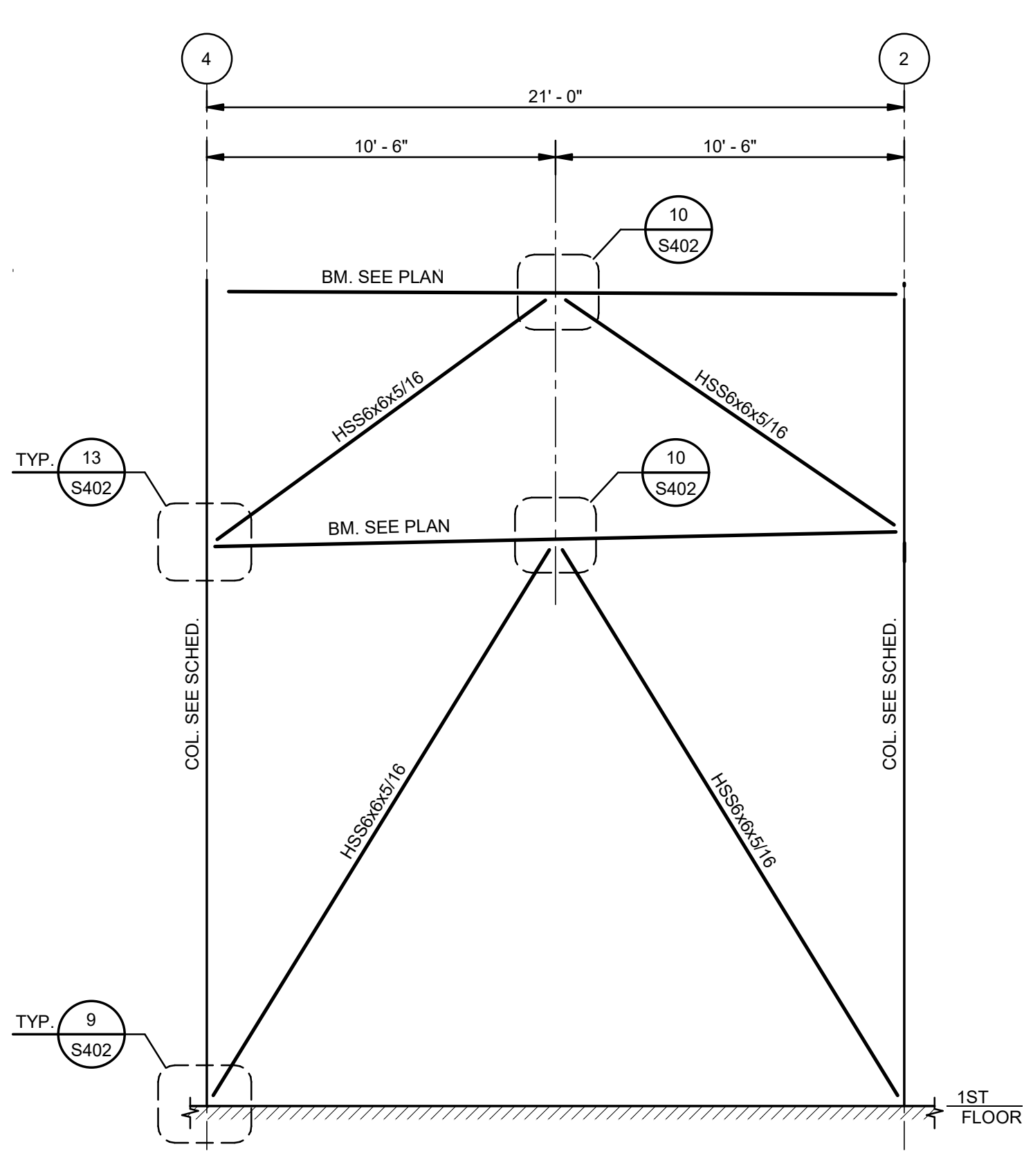
6 ELEVATION-BRACING AT COLUMN LINE 5
S401 1/4" = 1'-0"



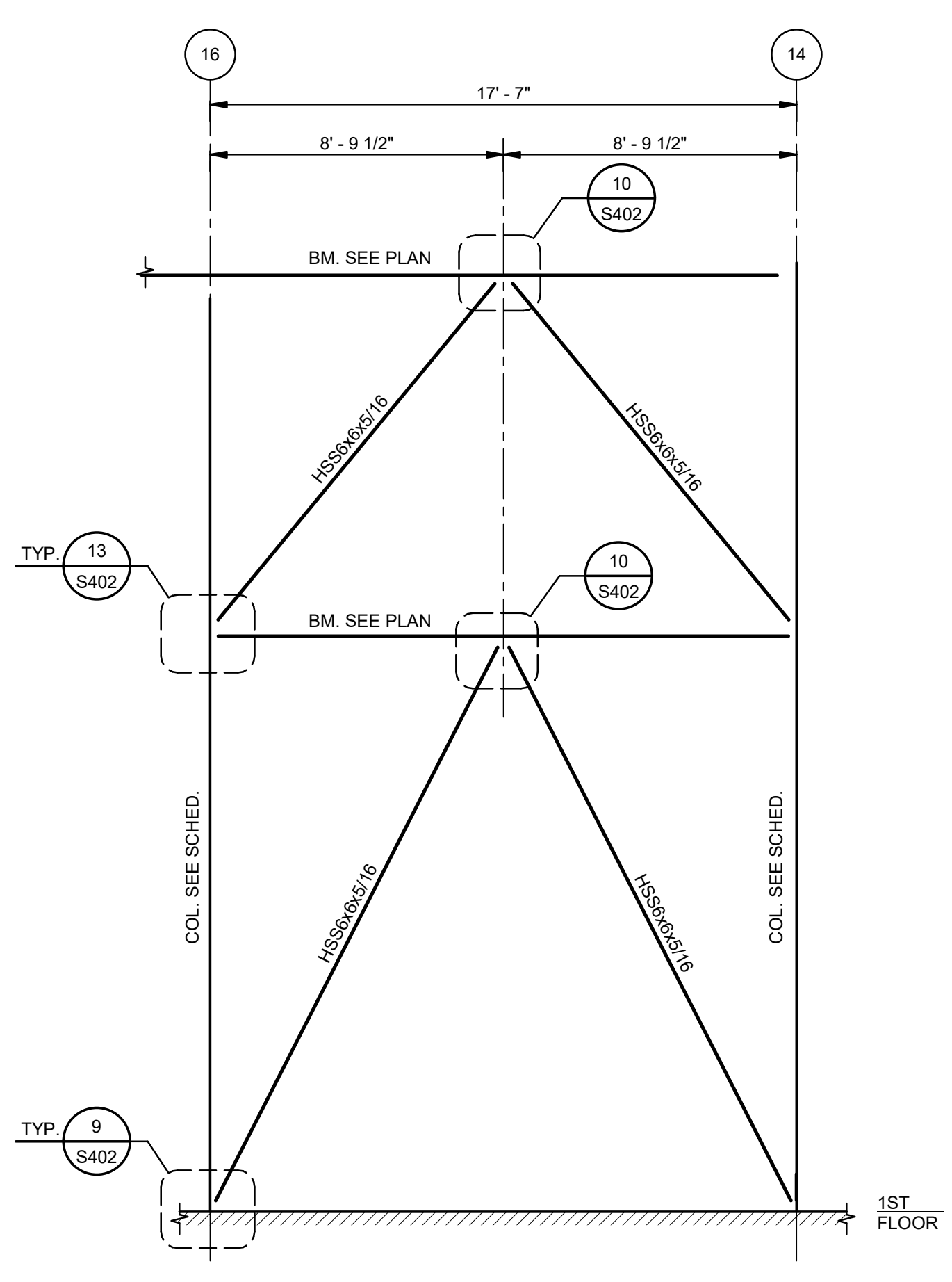
7 ELEVATION-BRACING AT COLUMN LINE 6
S401 1/4" = 1'-0"



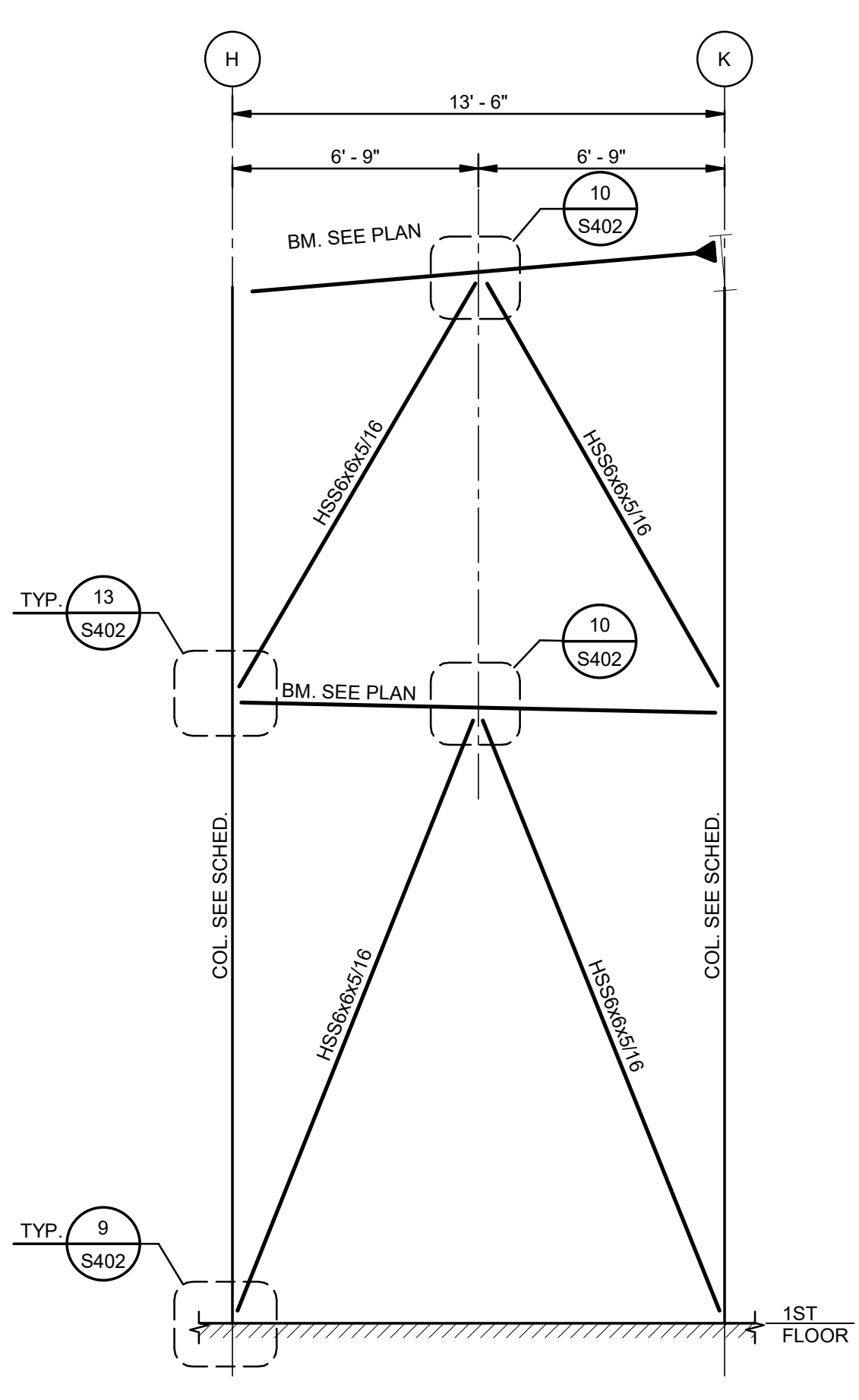
8 ELEVATION-BRACING AT COLUMN LINE E
S401 1/4" = 1'-0"



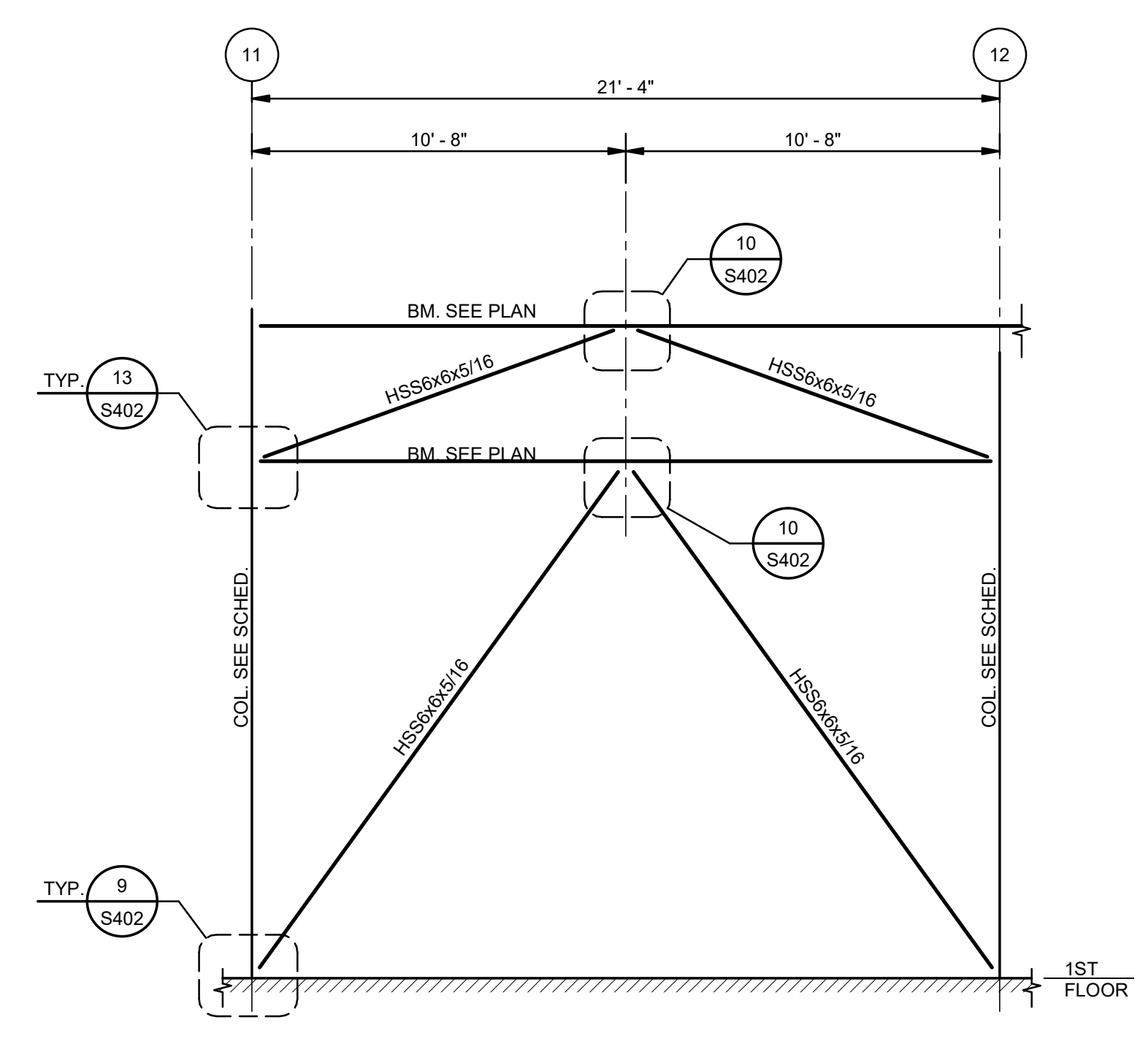
9 ELEVATION-BRACING AT COLUMN LINE F
S401 1/4" = 1'-0"



10 ELEVATION-BRACING AT COLUMN LINE H
S401 1/4" = 1'-0"



11 ELEVATION-BRACING AT COLUMN LINE 11
S401 1/4" = 1'-0"



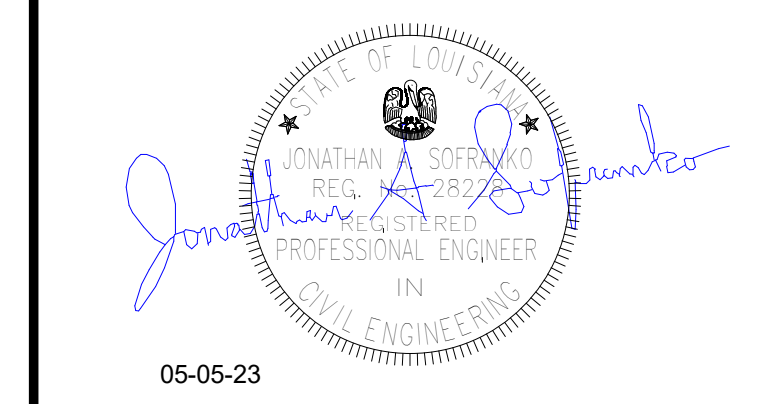
12 ELEVATION-BRACING AT COLUMN LINE B
S401 1/4" = 1'-0"



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7504 JACOBSON BLVD
SUITE 100
NEW ORLEANS, LA 70118
504.488-1317
JOB NO. 19192

No.	Description	Date
1	75% CD	04-02-20
2	95% CD	Date 2

KEY PLAN



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ARCHITECTS ARCHITECTS BEAZLEY MOIERE
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Voice: 504.586.5303, Fax: 504.582.1305
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Lafayette, Louisiana 70503
337.233.0614

PROJECT TITLE

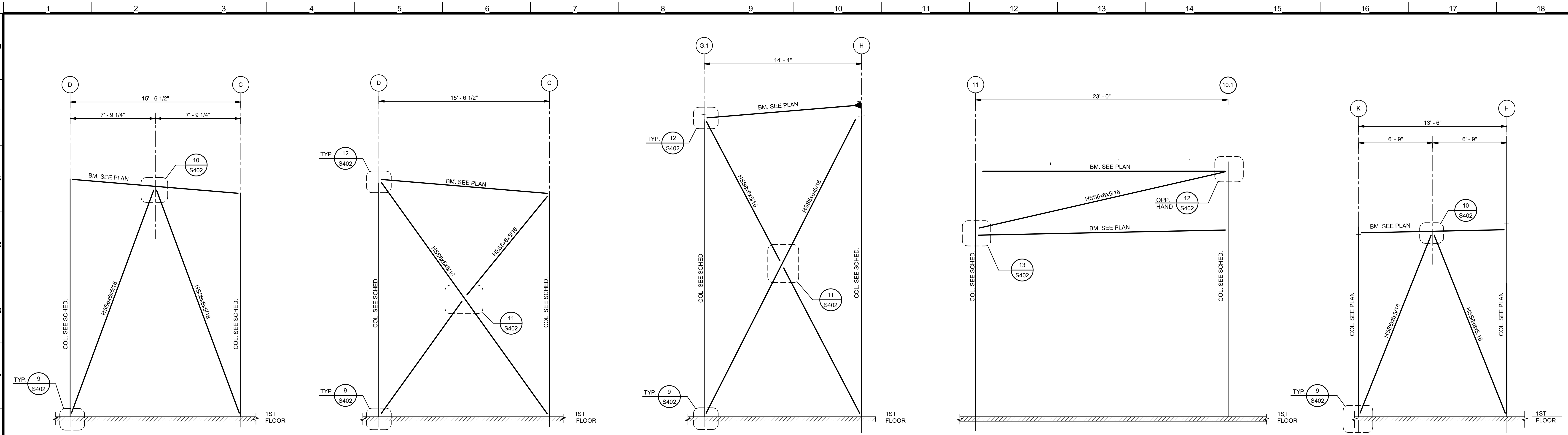
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PERMIT DOCUMENTS

DESIGNED BY	JAS	CHECKED BY	JAS
DRAWN BY	HSB	DATE	05.05.23

SHEET TITLE	
BRACING ELEVATIONS	
PROJECT NO.	SHEET NO.
MBA - 11884	S401
ABM - 201803	



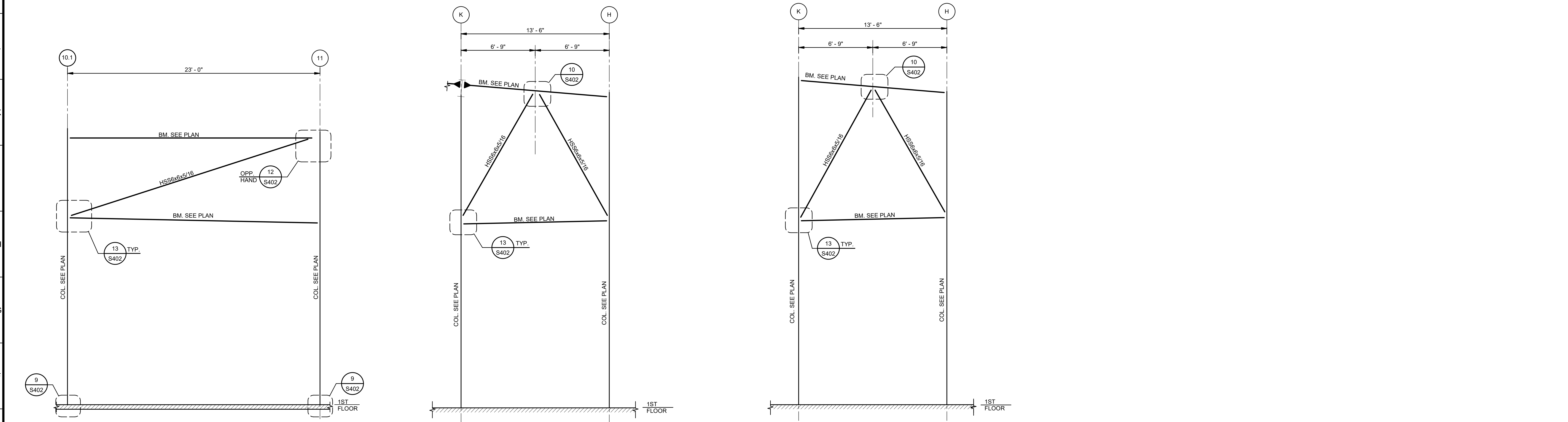
1 ELEVATION-BRACING AT COLUMN LINE 7
1/4" = 1'-0"

2 ELEVATION-BRACING AT COLUMN LINE 12
1/4" = 1'-0"

3 ELEVATION-BRACING AT COLUMN LINE 16
1/4" = 1'-0"

4 ELEVATION-BRACING AT COLUMN LINE E
1/4" = 1'-0"

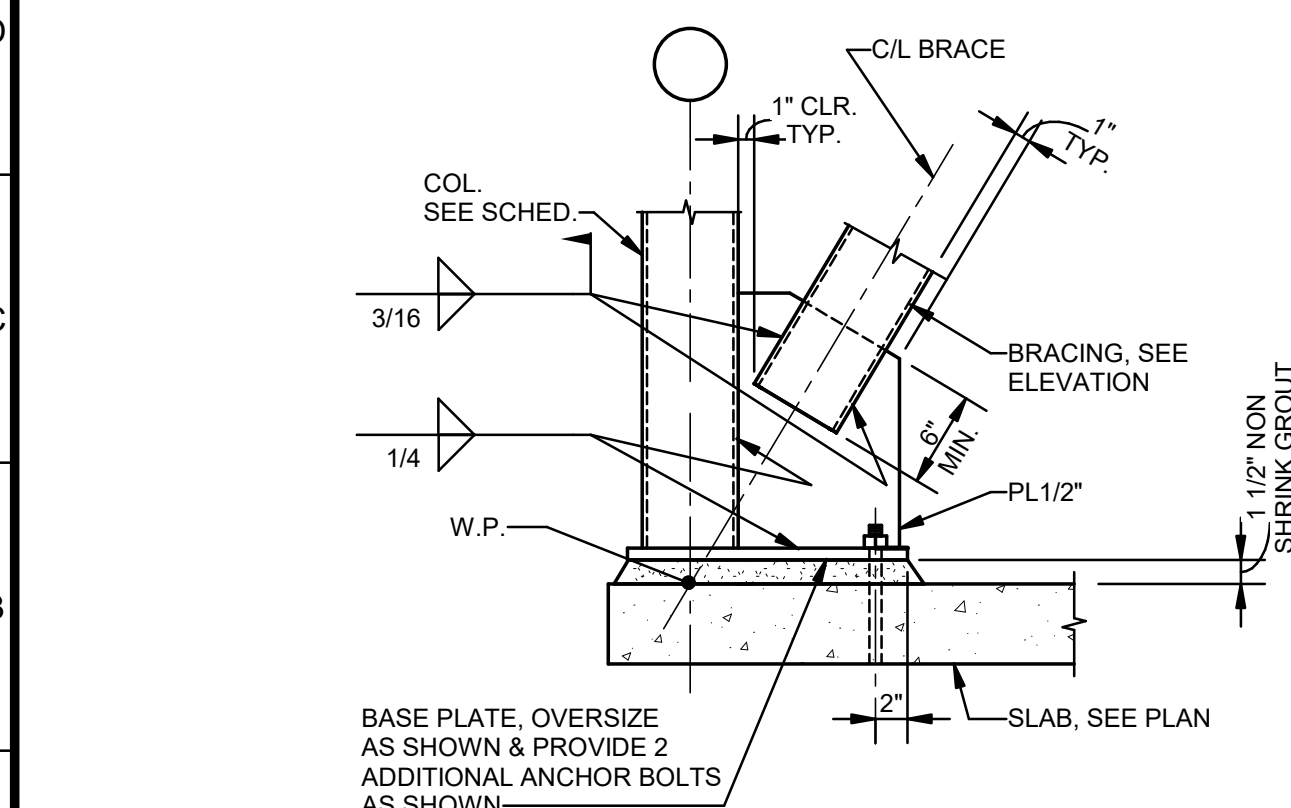
5 ELEVATION-BRACING AT COLUMN LINE 14
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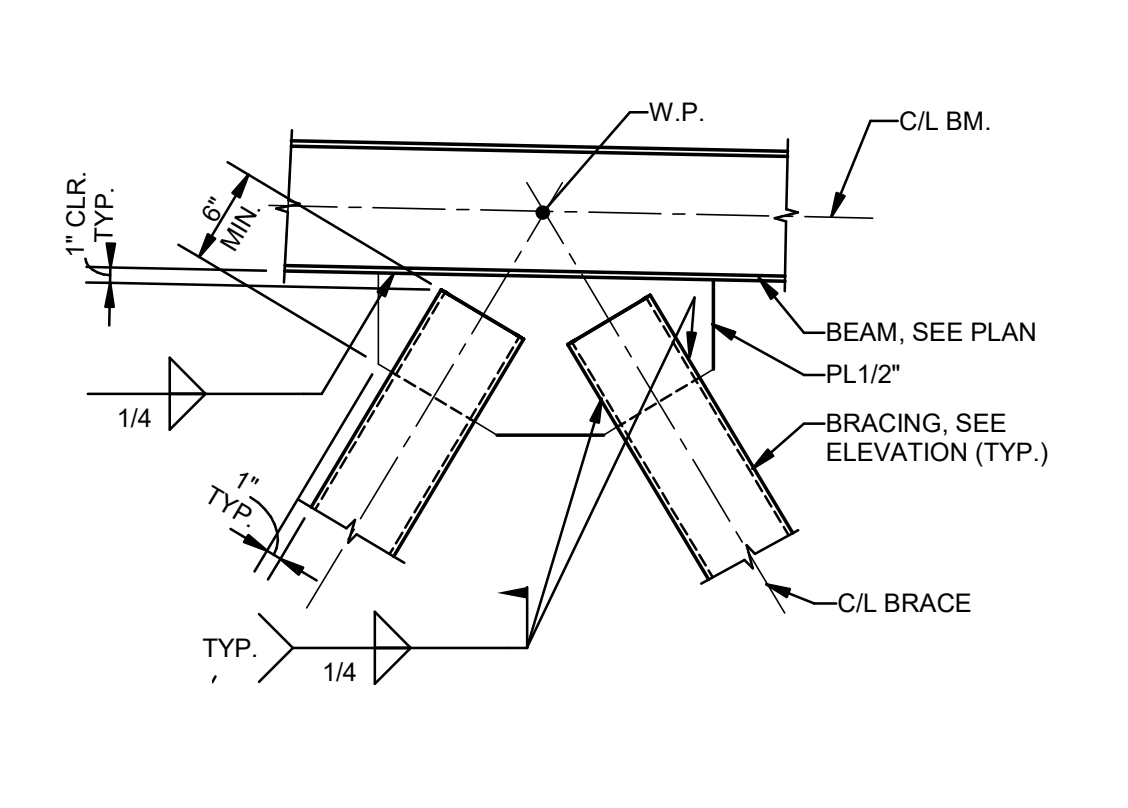
6 ELEVATION-BRACING AT COLUMN LINE F
1/4" = 1'-0"

7 ELEVATION-BRACING AT COLUMN LINE 9
1/4" = 1'-0"

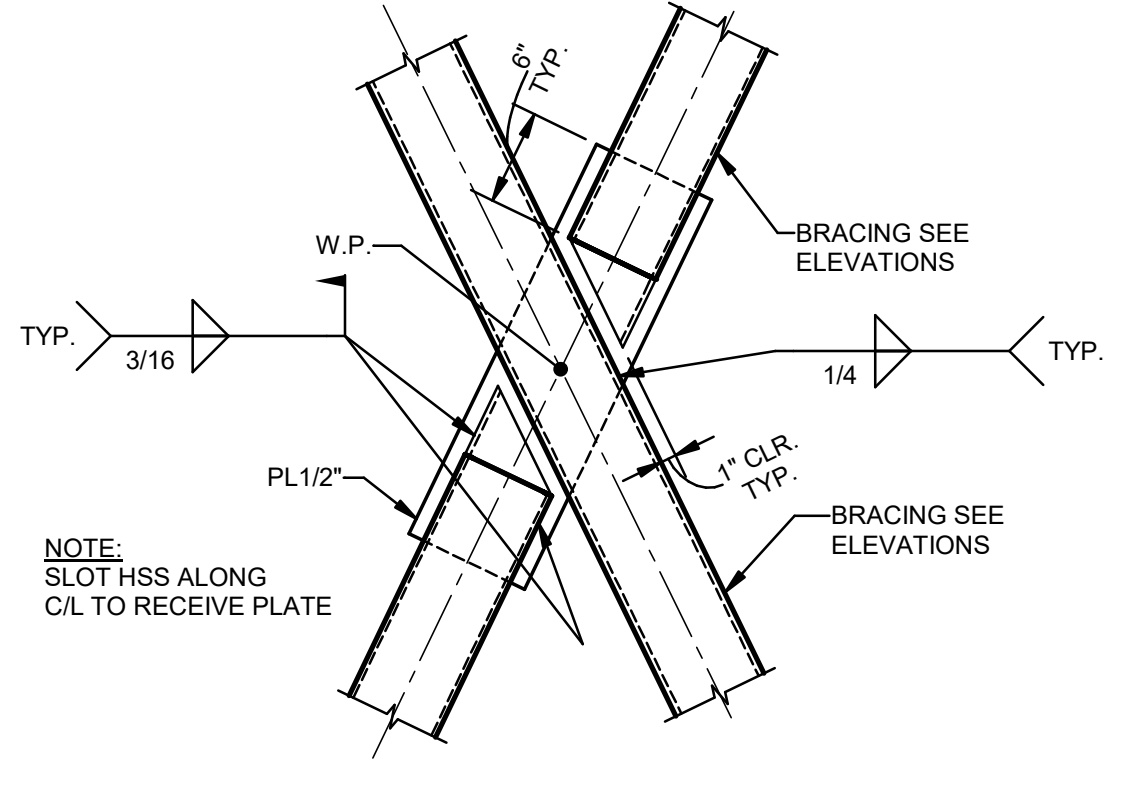
8 ELEVATION-BRACING AT COLUMN LINE 7
1/4" = 1'-0"



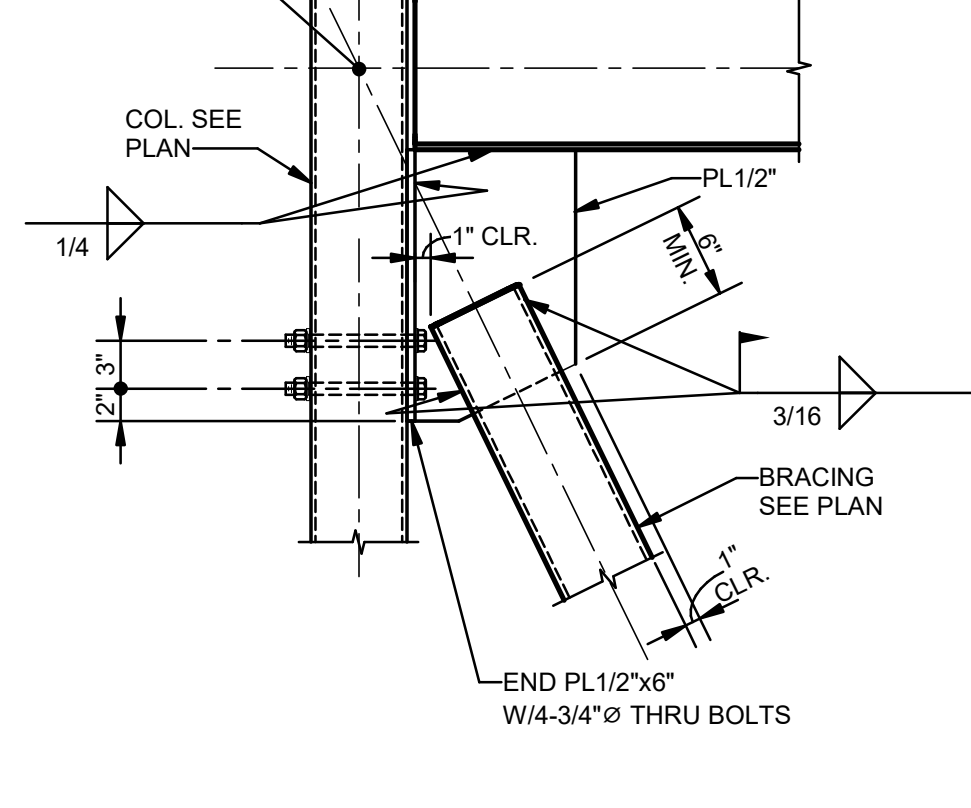
9 DETAIL
1" = 1'-0"



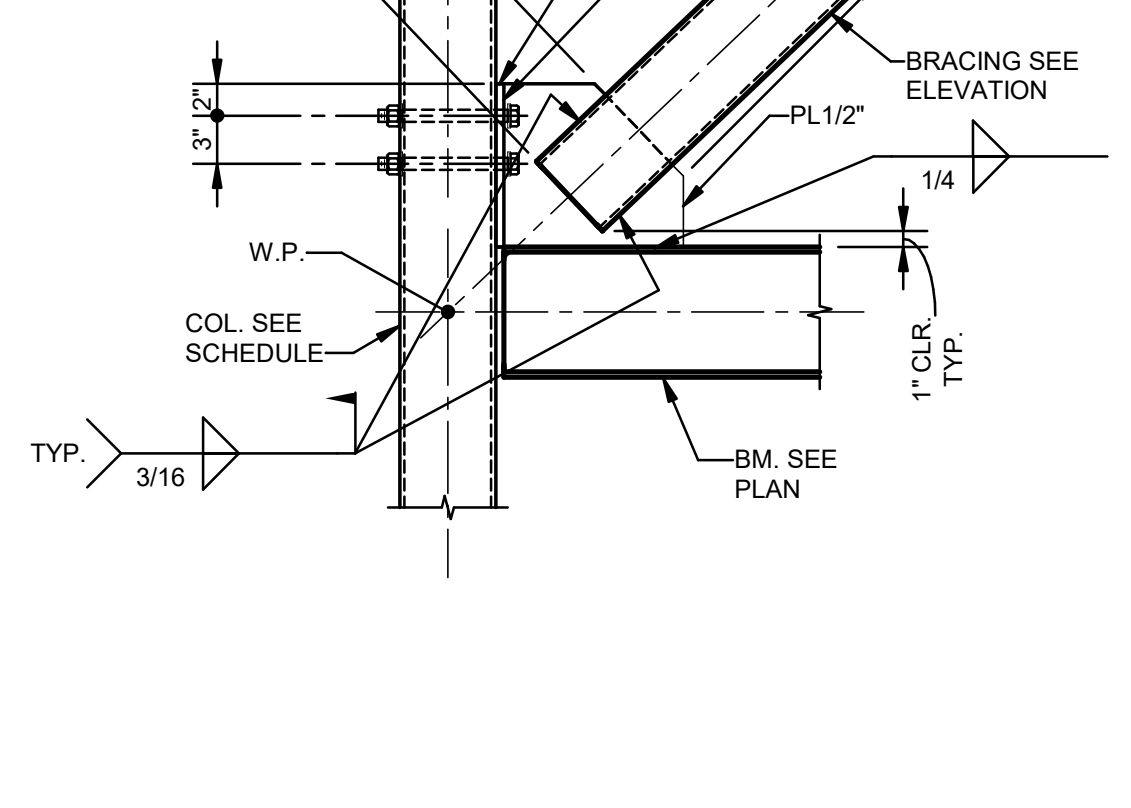
10 DETAIL
1" = 1'-0"



11 DETAIL
1" = 1'-0"

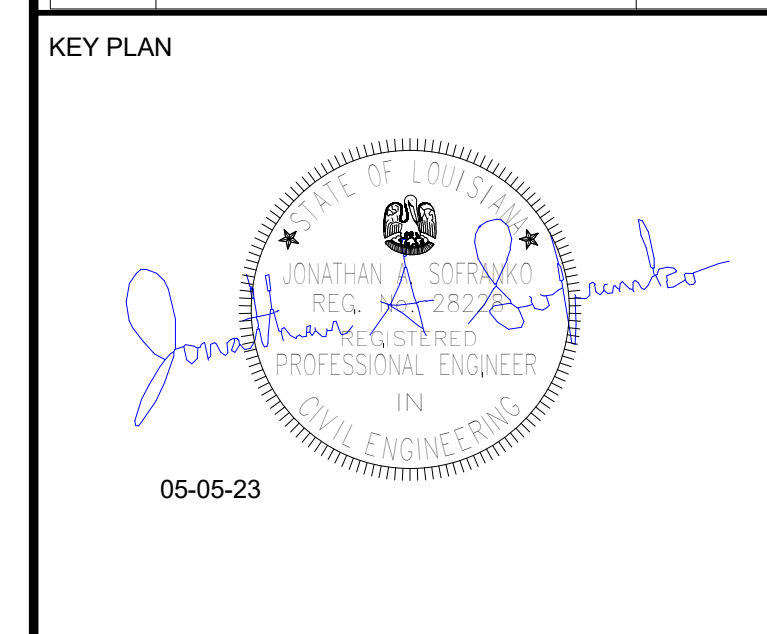


12 DETAIL
1" = 1'-0"



13 DETAIL
1" = 1'-0"

No.	Description	Date
1	75% CD	04-02-20
2	95% CD	Date 2



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Lafayette, Louisiana 70503
337.233.0614

PROJECT TITLE

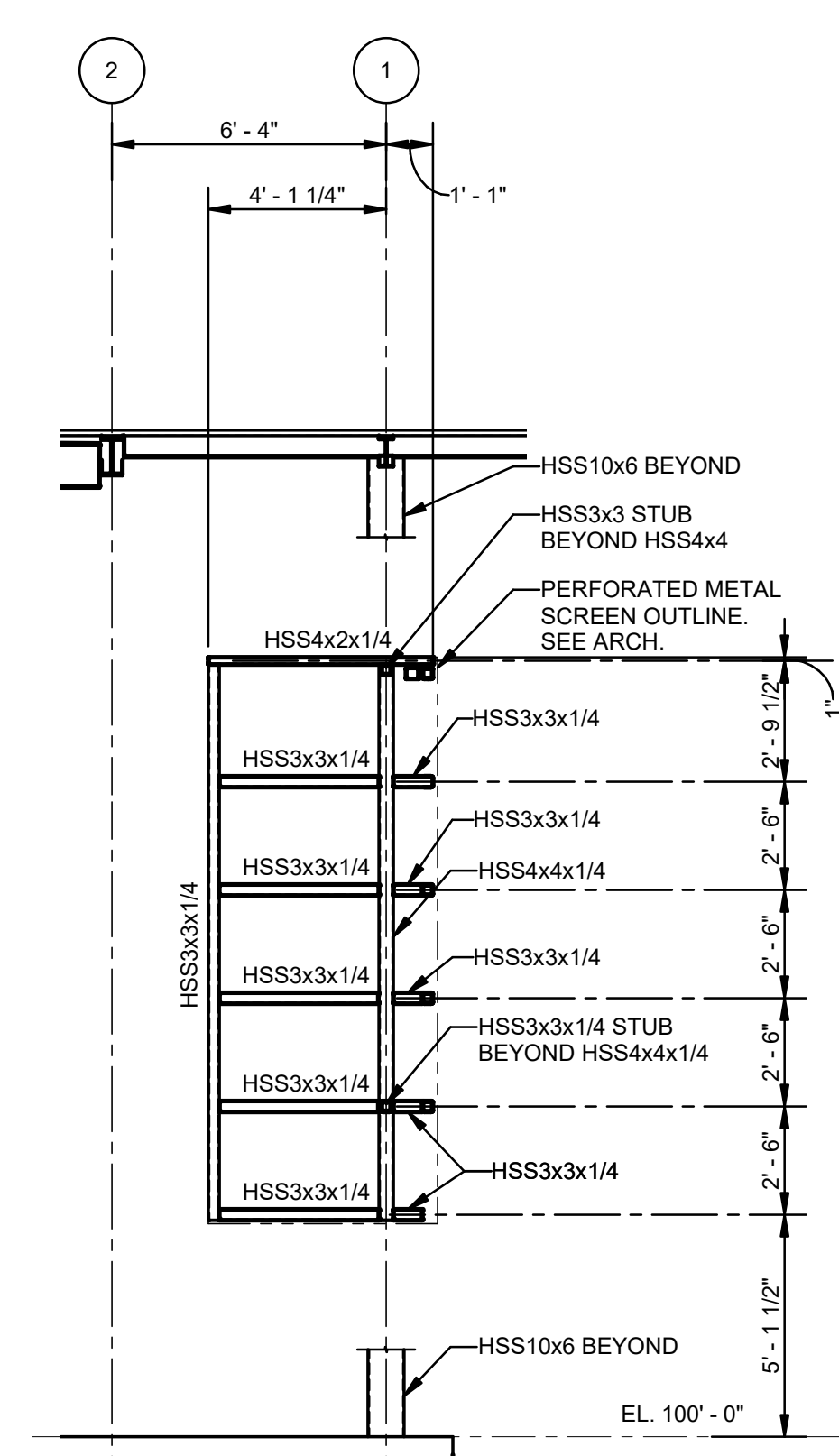
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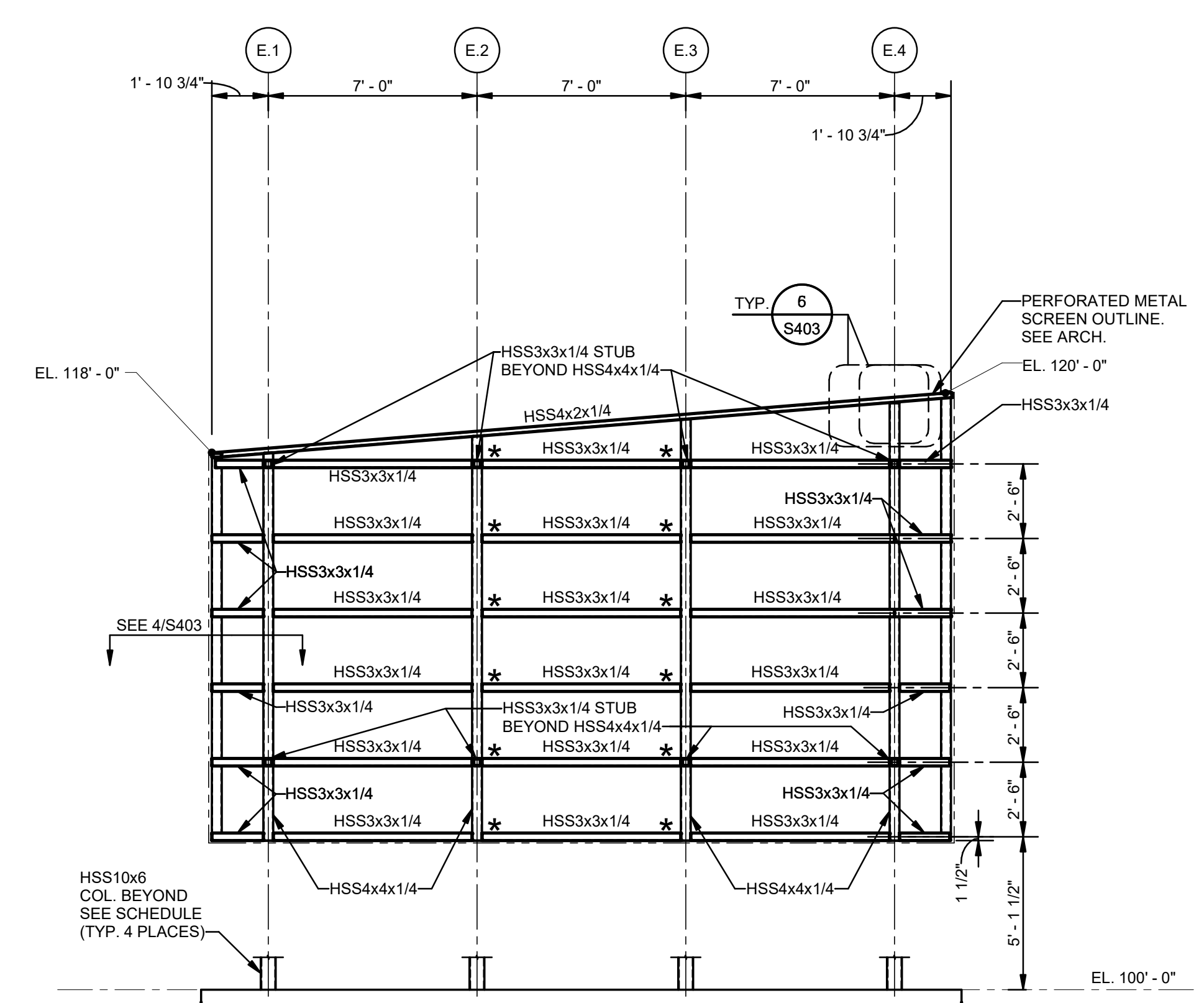
DESIGNED BY	JAS	CHECKED BY	JAS
DRAWN BY	HSB	DATE	05.05.23
SHEET TITLE			
BRACING ELEVATIONS			
PROJECT NO.	MBA - 11884	SHEET NO.	S402
ABM - 201803			

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CONSULTING ENGINEERS
(504)488-1317
JOB NO. 19192



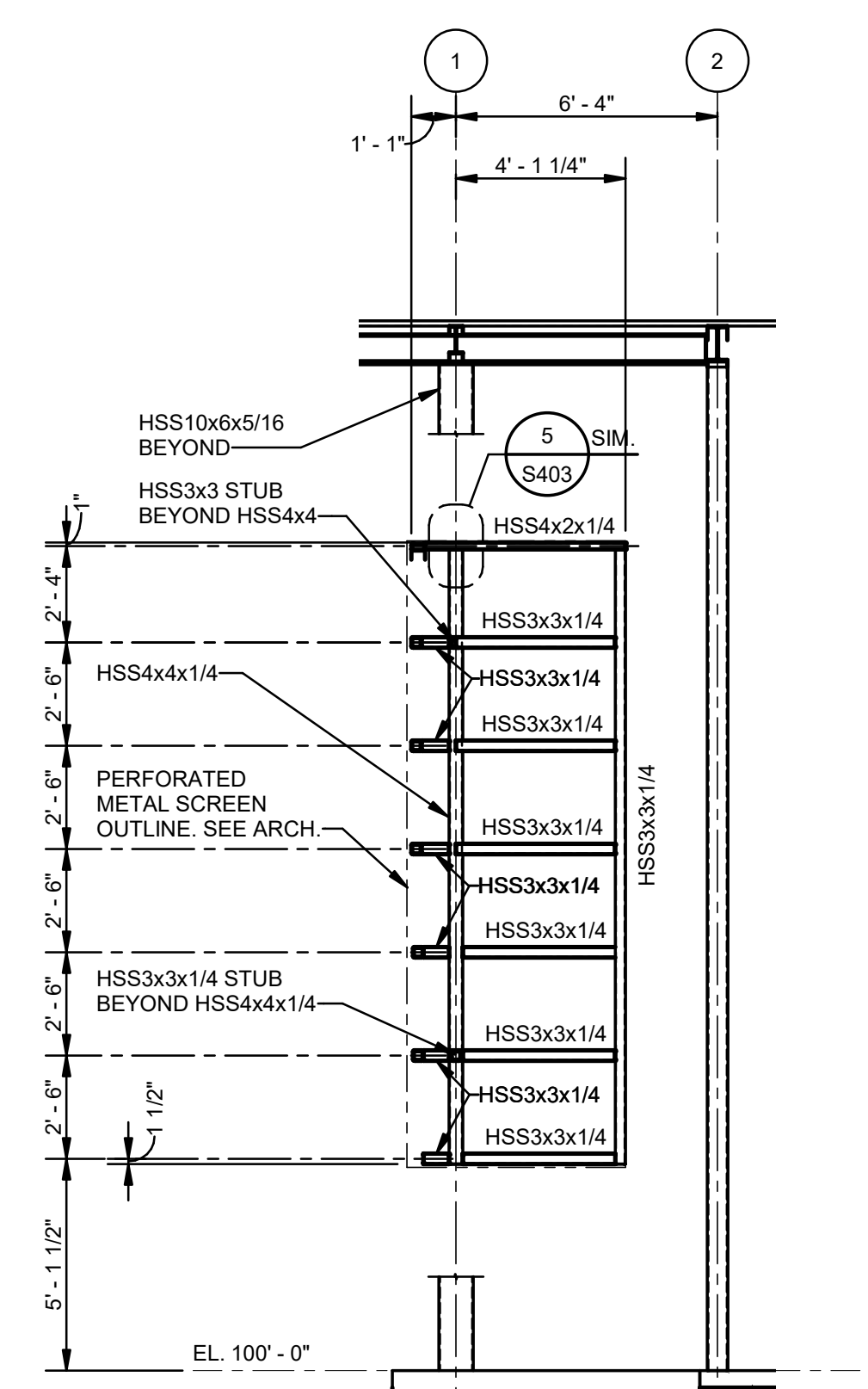
UNLESS NOTED OTHERWISE:
1. ALL STEEL TO BE GALV. & PAINTED. SEE ARCH.

1
PERFORATED METAL SCREEN - WEST ELEVATION
S403 1/4" = 1'-0"



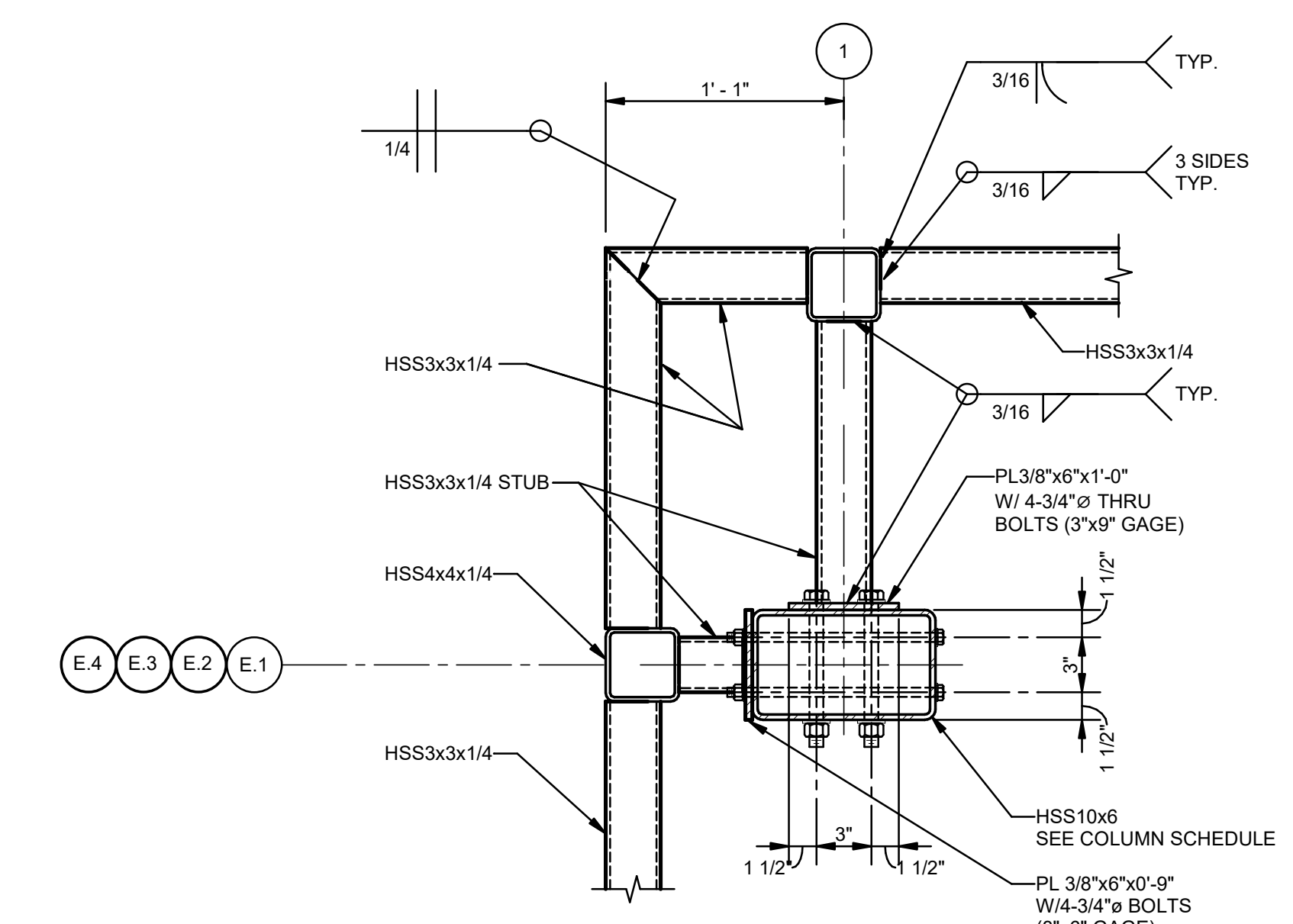
UNLESS NOTED OTHERWISE:
1. ALL STEEL TO BE GALV. & PAINTED. SEE ARCH.
2. * - INDICATES LOCATION OF PERMISSIBLE ALTERNATE BOLTED CONNECTION, SEE 6/S403

2
PERFORATED METAL SCREEN - SOUTH ELEVATION
S403 1/4" = 1'-0"



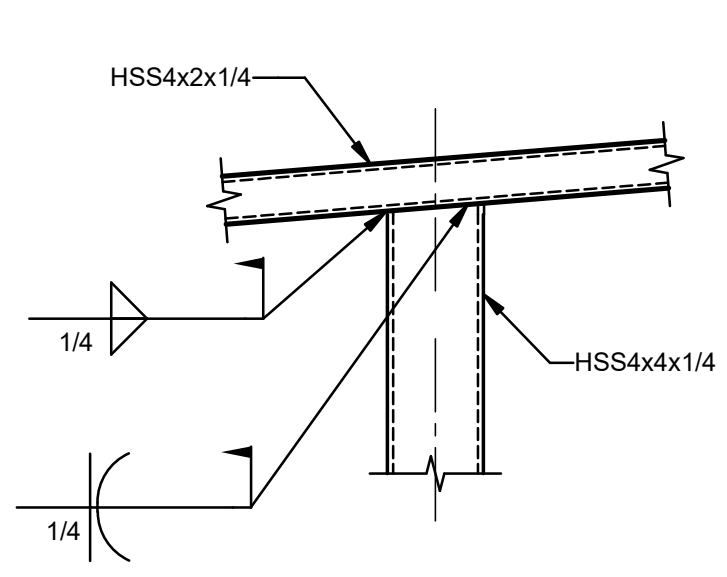
UNLESS NOTED OTHERWISE:
1. ALL STEEL TO BE GALV. & PAINTED. SEE ARCH.

3
PERFORATED METAL SCREEN - EAST ELEVATION
S403 1/4" = 1'-0"



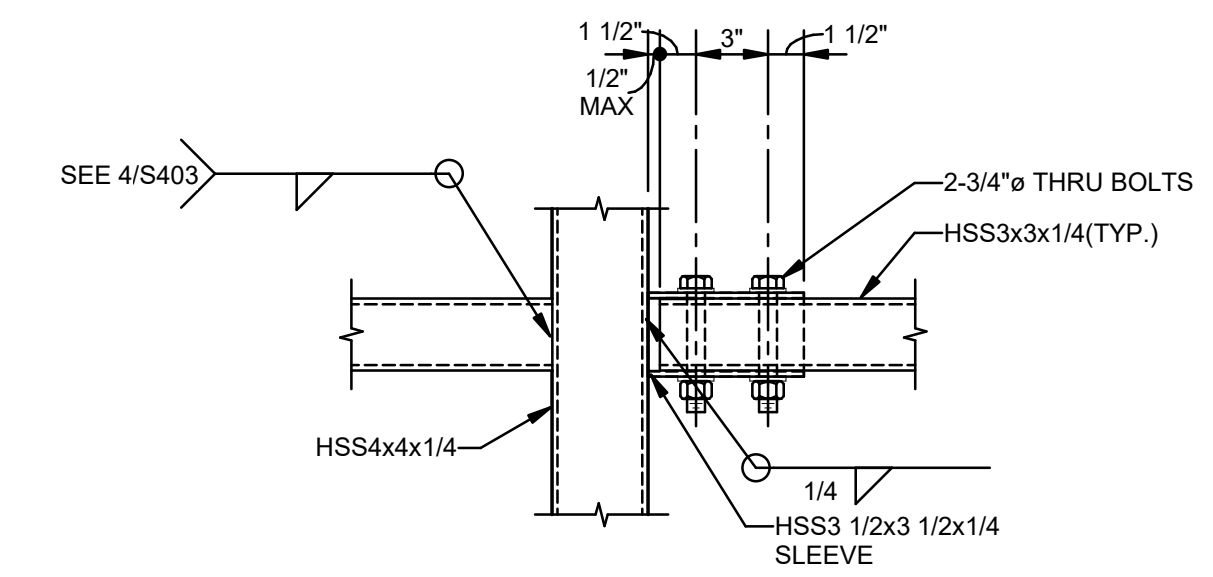
UNLESS NOTED OTHERWISE:
1. ALL STEEL TO BE GALV. & PAINTED. SEE ARCH.

4
PERFORATED METAL SCREEN PLAN DETAIL
S403 1 1/2" = 1'-0"



UNLESS NOTED OTHERWISE:
1. TOUCH UP DAMAGED COATING WITH HOT STICK GALVANIZING. COLD SPRAY GALVANIZING IS NOT PERMITTED.

5
DETAIL
S403 1 1/2" = 1'-0"



6
DETAIL
S403 1 1/2" = 1'-0"

No.	Description	Date
1	75% CD	04-02-20
2	95% CD	Date 2

KEY PLAN

05-05-23

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ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
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Lafayette, Louisiana 70503
337.233.0614

PROJECT TITLE

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DRAWN BY	HSB	DATE	05.05.23
SHEET TITLE			
PERFORATED SCREEN ELEVATIONS			
PROJECT NO.	MBA - 11884	SHEET NO.	S403
CONTRACT NO.	ABM - 201803		

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CONSULTING ENGINEERS
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JOB NO. 19192

Notes:
 Field verify all existing grades to determine amount of materials to be graded around site.
 Elevations shown are referenced from the Base Flood Elevation = ±0.00'
 Refer to sheet L120 for cut and fill diagram to be used for rough grading.
 Refer to Civil Drawings for Utility Plan showing drainage system connections.
 Report any further issues or discrepancies to the architect for consideration.



These plans and specifications have been prepared by or under (my or our) close personal supervision and to the best of (my or our) knowledge and belief, they comply with all government requirements, and that I am inspecting (not inspecting) the work.

No.	Description	Date

KEY PLAN

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 201 St. Charles Avenue, Forty First Floor
 New Orleans, Louisiana 70170-4100
 Voice: 504-586-9303 Fax: 504-582-1305
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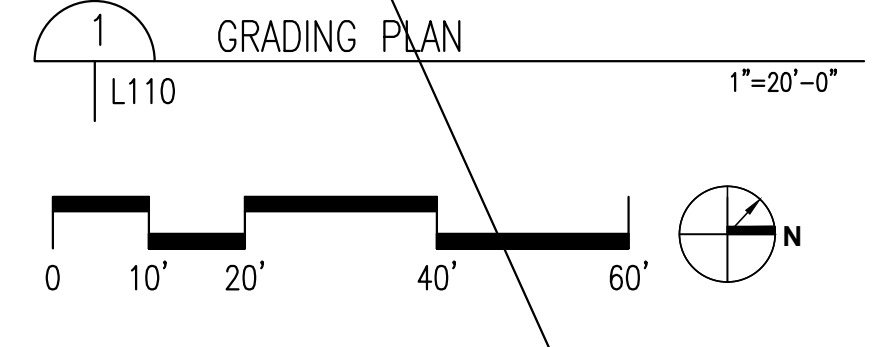
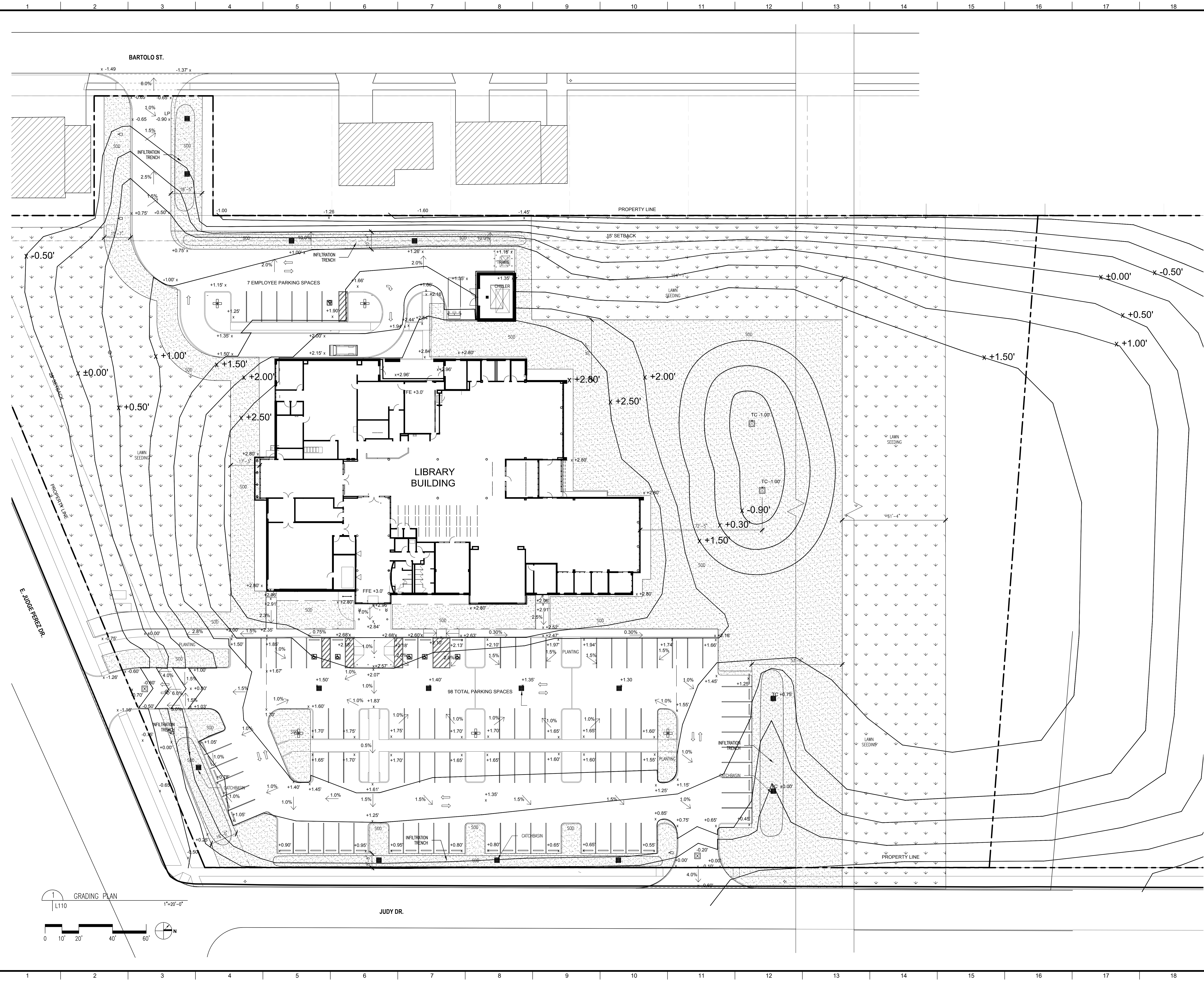
PROJECT TITLE

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DESIGNED BY	KS	CHECKED BY	KS
DRAWN BY	SH	DATE	05.05.2023
SHEET TITLE			
GRADING PLAN			
PROJECT NO.	SHEET NO.		
MBA - 11884	L110		
ABM - 201813			



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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Notes:
 Field verify all existing grades to determine amount of materials to be graded around site.
 Elevations shown are referenced from the Base Flood Elevation = ±0.00'
 Refer to sheet L120 for cut and fill diagram to be used for rough grading.
 Refer to Civil Drawings for Utility Plan showing drainage system connections.
 Report any further issues or discrepancies to the architect for consideration.



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No.	Description	Date

KEY PLAN



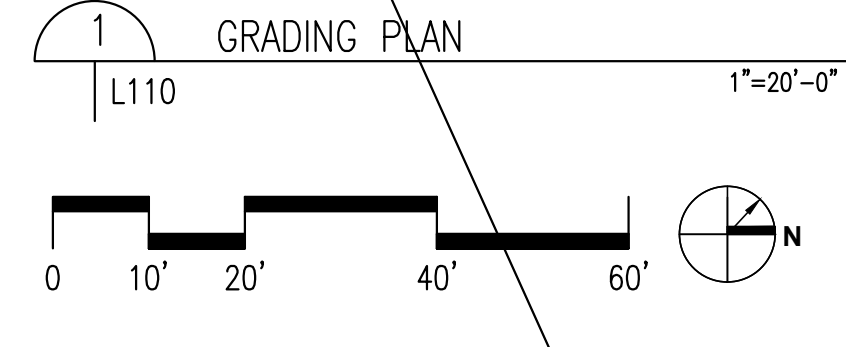
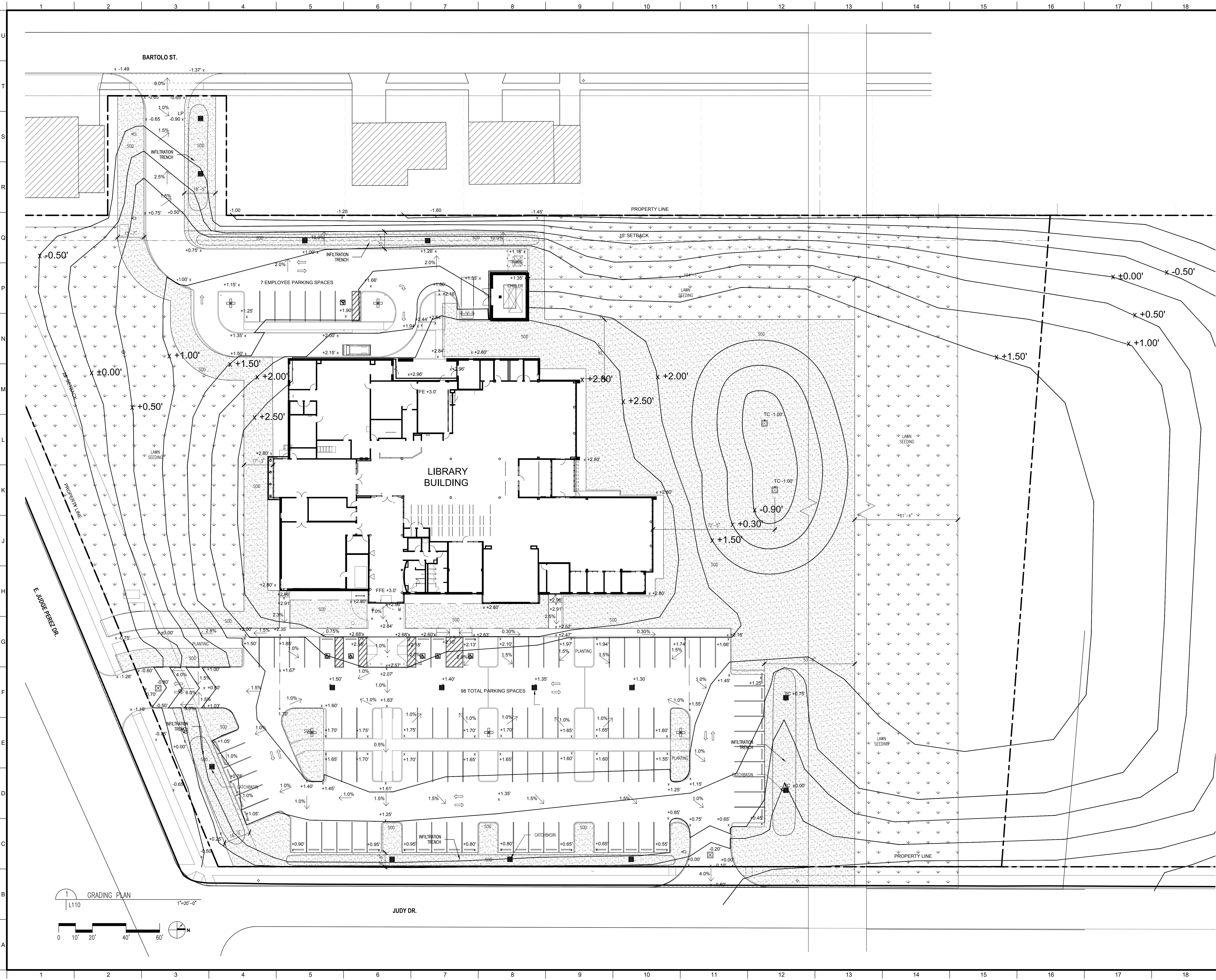
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PROJECT TITLE

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DESIGNED BY	KS	CHECKED BY	KS
DRAWN BY	SH	DATE	05.05.2023
SHEET TITLE GRADING PLAN			
PROJECT NO.	MBA - 11884	SHEET NO.	L110
	ABM - 201813		



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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

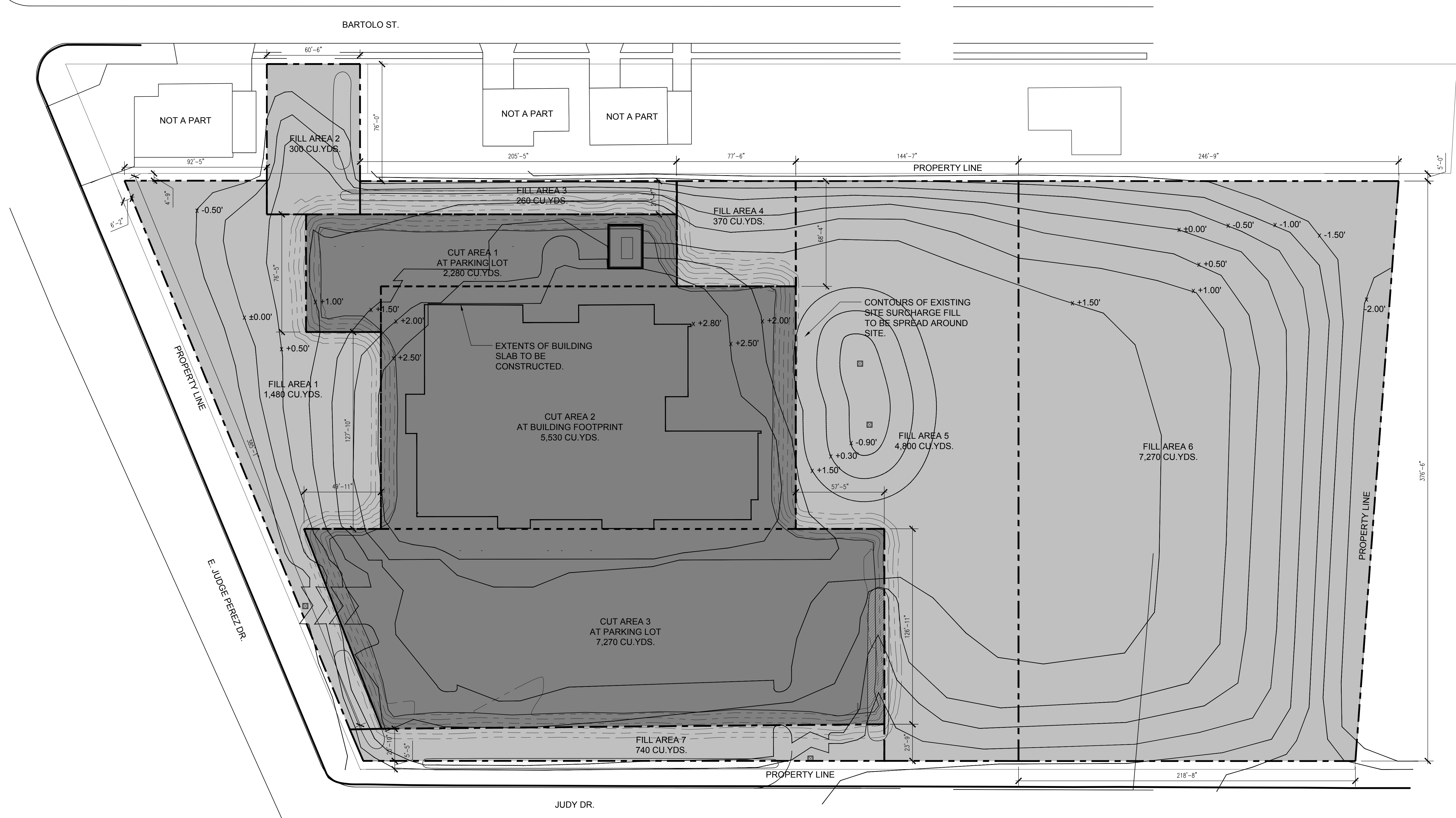
Cut and fill figures shown in this diagram are approximate, based on the amount of surcharge material deposited on the site, and the adjustments to be made to meet the grade elevations required to meet the built elevations shown on sheet L110.

The contractor shall use the grading plan to determine subgrade elevations necessary to meet final grades. If there is extra material remaining after the proper grades are set and the amount of fill necessary has been spread to surrounding area, any extra material shall be spread out into the rear of the site beyond Fill Area 6.

Grades shown on this plan are in reference to Base Flood Elevation = ±0.00'.

Report any further issues or discrepancies to the architect for consideration.

CUT / FILL BALANCE SHEET			
AREA NAME	SPATIAL AREA	SOIL VOLUME	TOTAL VOLUME
CUT AREA 1	12,696 SQ.FT.	2,280 CU.YDS.	
CUT AREA 2	42,418 SQ.FT.	5,530 CU.YDS.	
CUT AREA 3	45,126 SQ.FT.	7,270 CU.YDS.	
TOTAL CUT			15,080 CU.YDS. CUT
FILL AREA 1	24,695 SQ.FT.	1,480 CU.YDS.	
FILL AREA 2	5,903 SQ.FT.	300 CU.YDS.	
FILL AREA 3	4,439 SQ.FT.	260 CU.YDS.	
FILL AREA 4	5,282 SQ.FT.	370 CU.YDS.	
FILL AREA 5	45,770 SQ.FT.	4,800 CU.YDS.	
FILL AREA 6	124,887 SQ.FT.	7,130 CU.YDS.	
FILL AREA 7	7,623 SQ.FT.	740 CU.YDS.	
TOTAL FILL			15,080 CU.YDS. FILL



These plans and specifications have been prepared by or under (my or our) close personal supervision and to the best of (my or our) knowledge and belief, they comply with all government requirements, and that I am inspecting (not inspecting) the work.

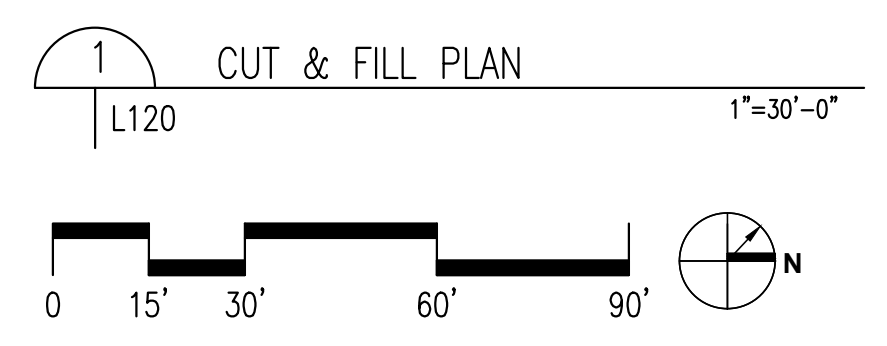
No.	Description	Date

KEY PLAN

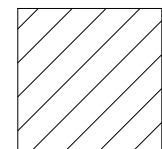
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 ARCHITECTS + ARCHITECTS BEAZLEY MOLIÈRE
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 New Orleans, Louisiana 70170-4100
 Voice: 504.586.9303 Fax: 504.582.1305
 300 Heymann Blvd.
 Lafayette, Louisiana 70503
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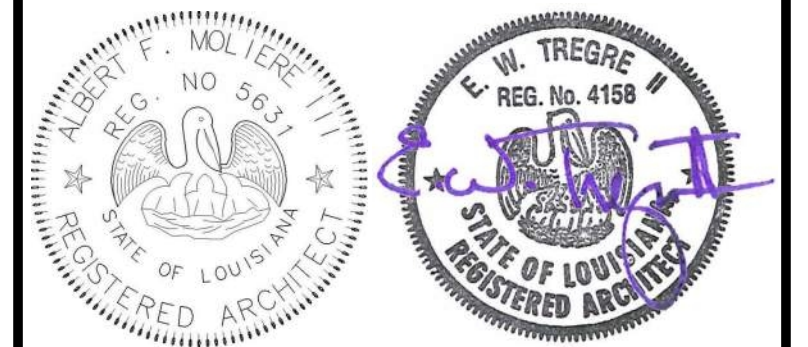
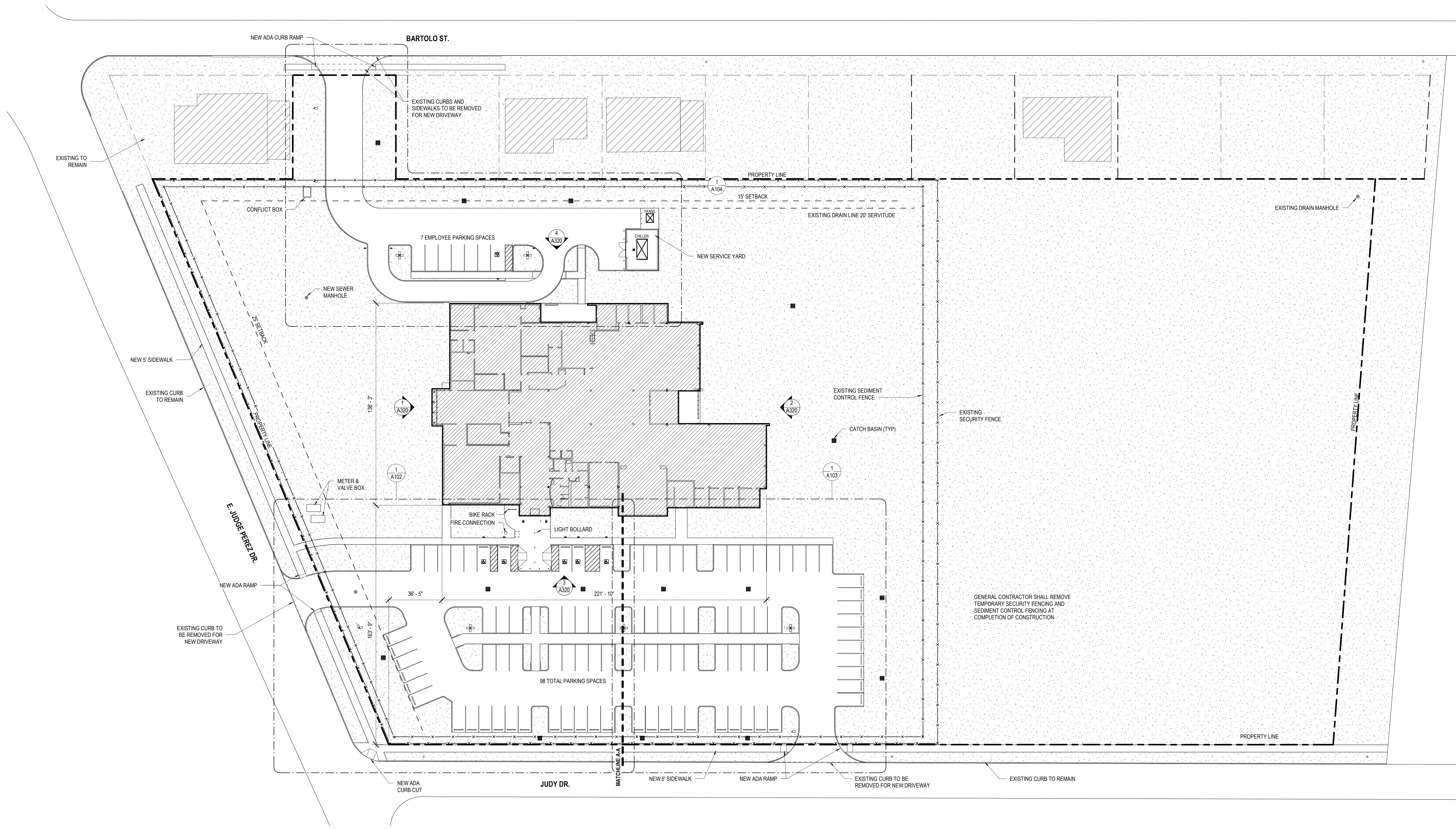
PROJECT TITLE
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DESIGNED BY		CHECKED BY	
KS	KS	KS	KS
DRAWN BY		DATE	
SH	SH	05.05.2023	05.05.2023
SHEET TITLE			
CUT & FILL PLAN			
PROJECT NO.		SHEET NO.	
MBA - 11884	ABM - 201813	L120	L120



SITE PLAN LEGEND

 EXISTING STRUCTURE NOT IN SCOPE



No.	Description	Date

KEY PLAN

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PROJECT TITLE

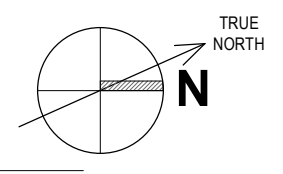
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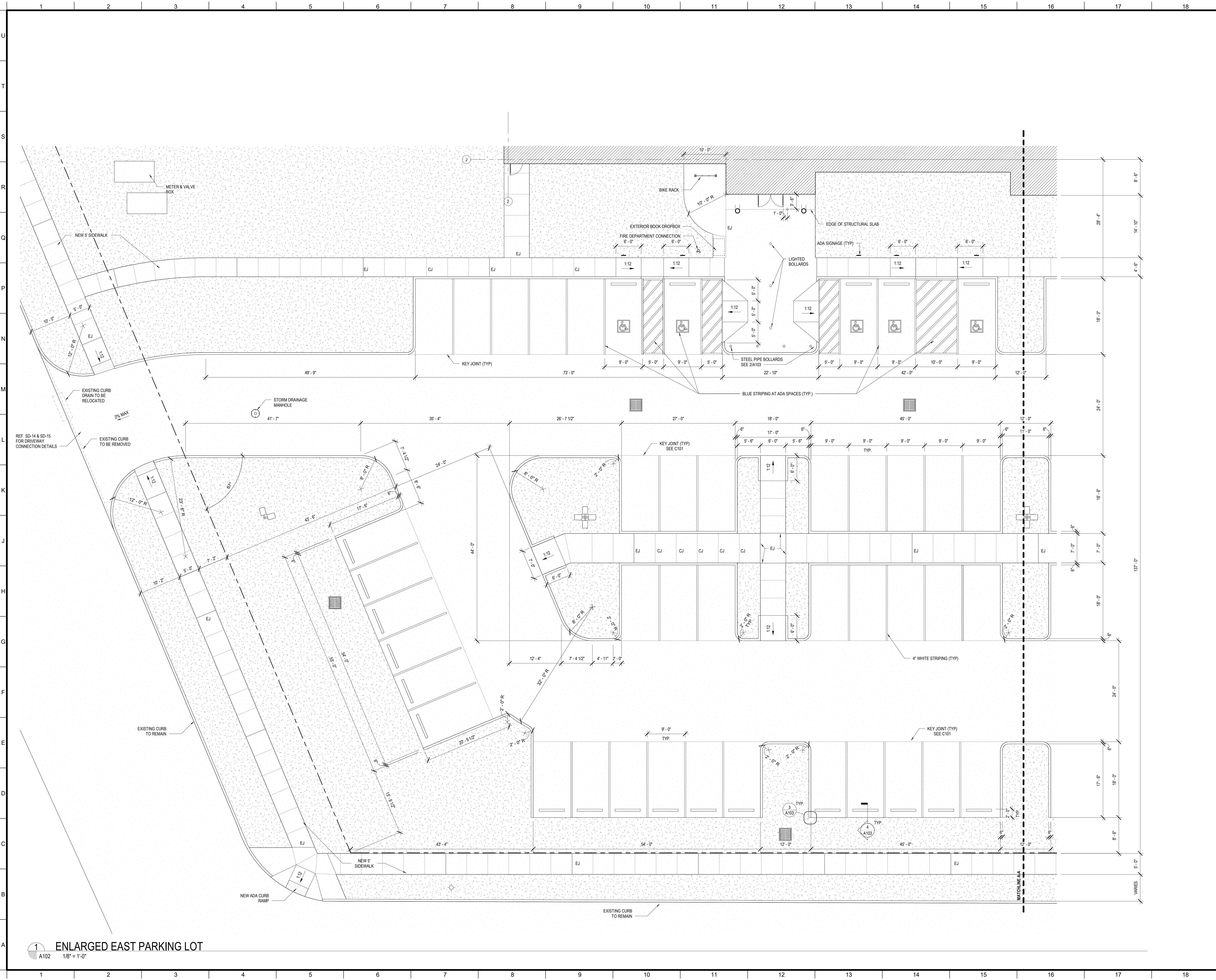
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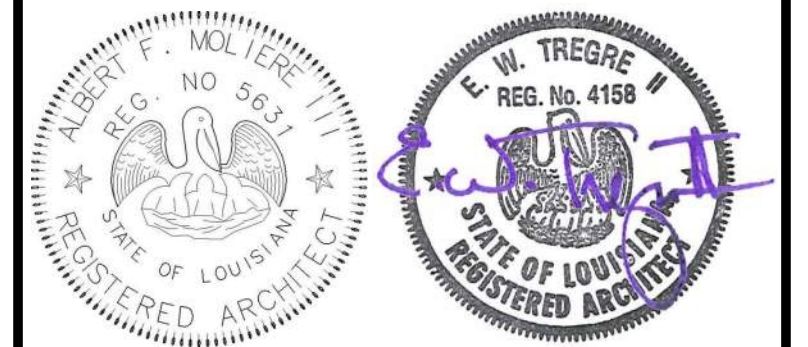
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DRAWN BY	CF/RZ	DATE	05.05.2023
SHEET TITLE			
SITE PLAN			
PROJECT NO.	MBA - 11884	SHEET NO.	A101
ABM - 201813			

SITE PLAN
 A101 1" = 30'-0"





1 ENLARGED EAST PARKING LOT
A102 1/8" = 1'-0"



No.	Description	Date

KEY PLAN

Mathes Brierre + MBM
ARCHITECTS ARCHITECTS/BEAZLEY/MOLIERE
A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
New Orleans, Louisiana 70170-4100
Voice: 504.586.9303 Fax: 504.582.1305

300 Heymann Blvd.
Lafayette, Louisiana 70503
337.233.0614

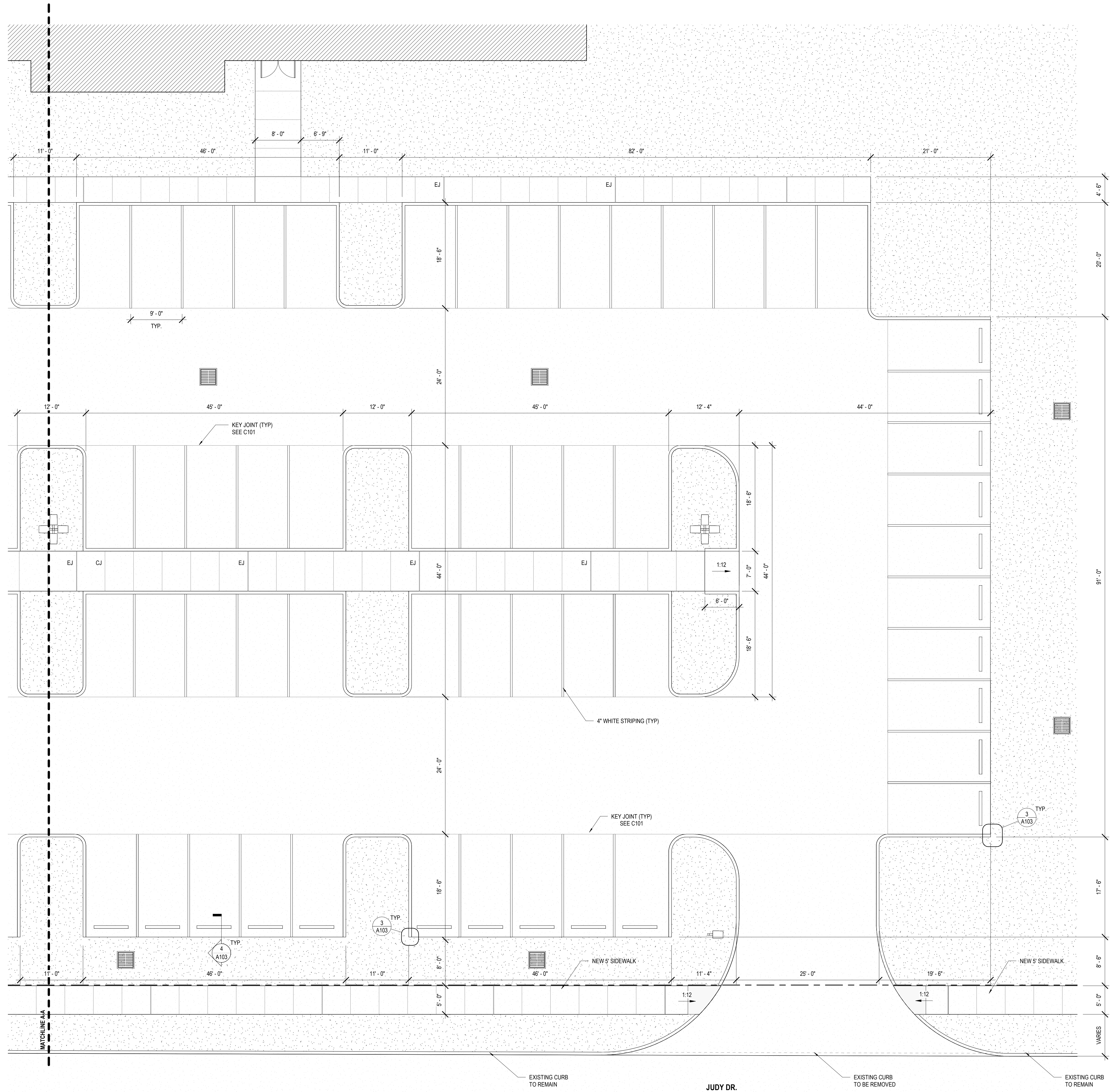
PROJECT TITLE

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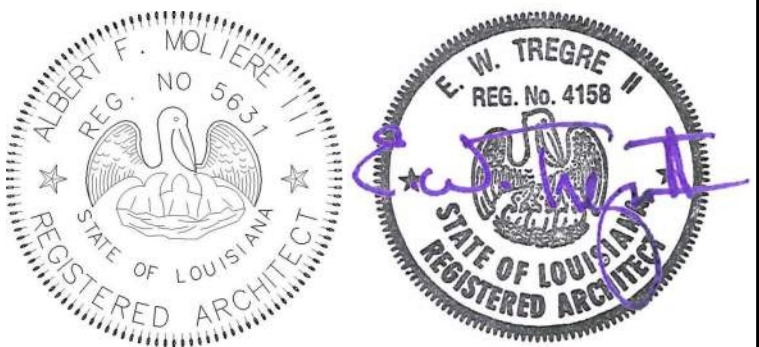
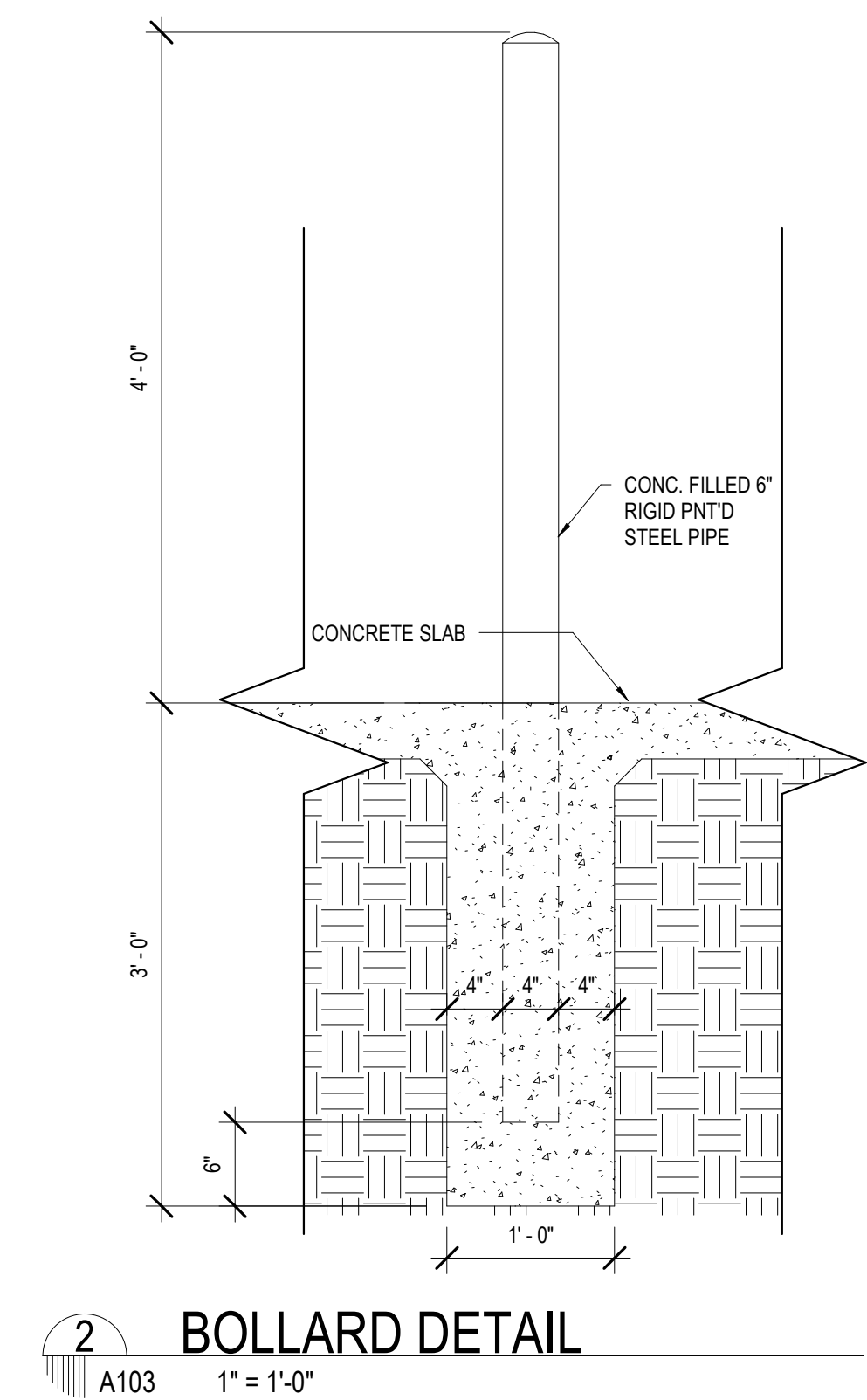
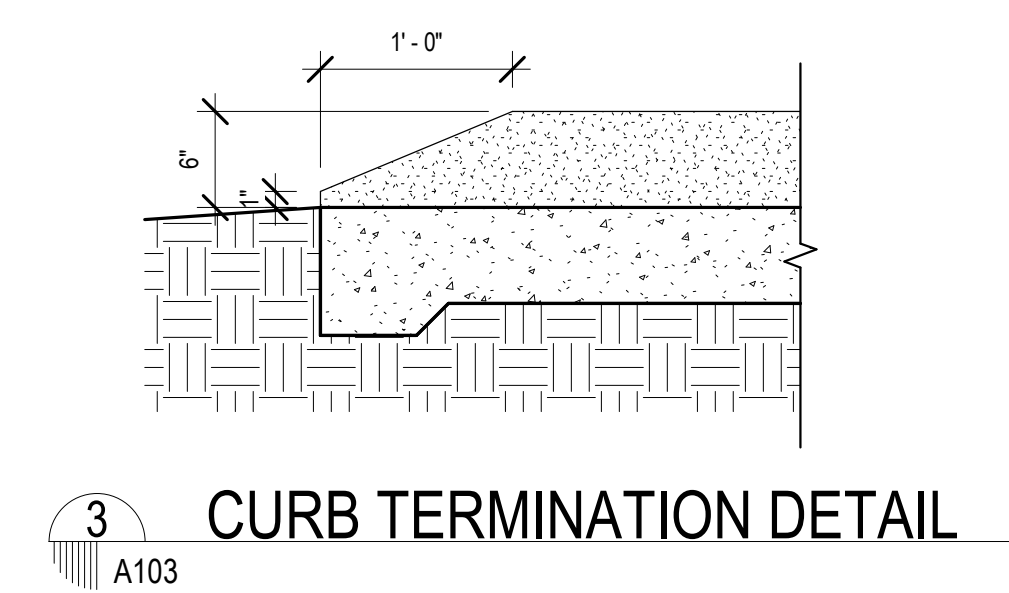
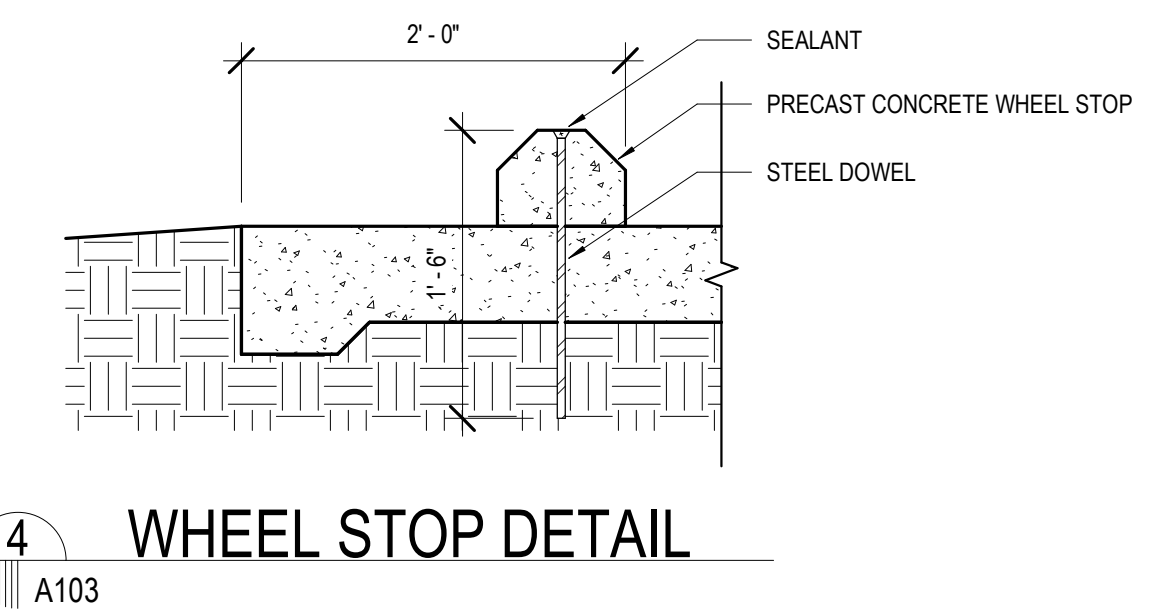
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DESIGNED BY	MBA/ABM	CHECKED BY	PP
DRAWN BY	CF/RZ	DATE	05.05.2023
SHEET TITLE			
ENLARGED SITE PLANS			
PROJECT NO.	MBA - 11884	SHEET NO.	A102
	ABM - 201813		



1 ENLARGED EAST PARKING LOT 2
A103 1/8" = 1'-0"



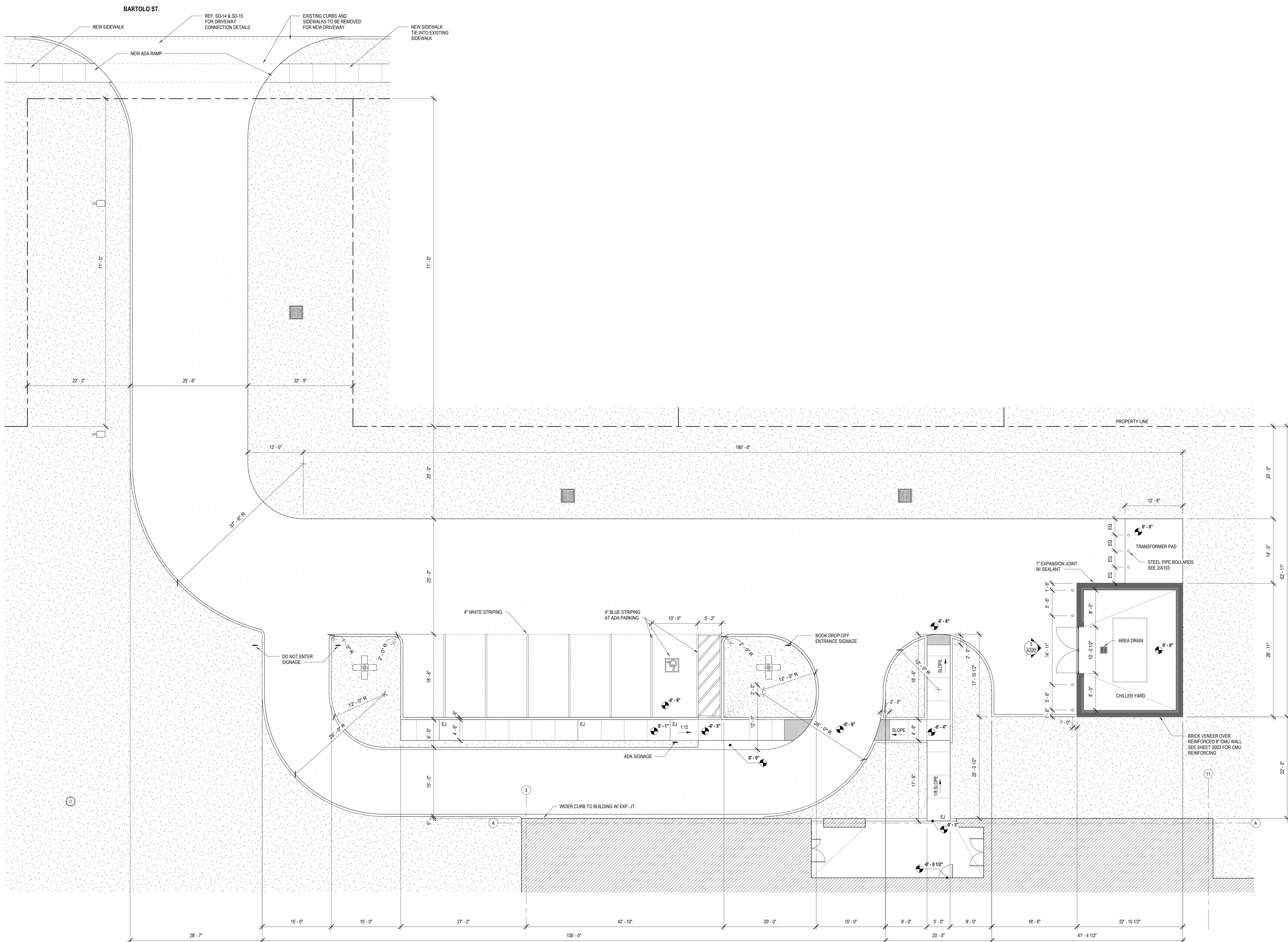
No.	Description	Date

KEY PLAN

Mathes Brierre + MBM
ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
A JOINT VENTURE
201 St. Charles Avenue, Forty First Floor
New Orleans, Louisiana 70170-4100
Voice: 504.586.9303 Fax: 504.582.1305
300 Heymann Blvd.
Lafayette, Louisiana 70503
337.233.0614

PROJECT TITLE
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DESIGNED BY	MBA/ABM	CHECKED BY	PP
DRAWN BY	CF/RZ	DATE	05.05.2023
SHEET TITLE ENLARGED SITE PLANS			
PROJECT NO.	MBA - 11884	SHEET NO.	A103
	ABM - 201813		



No.	Description	Date

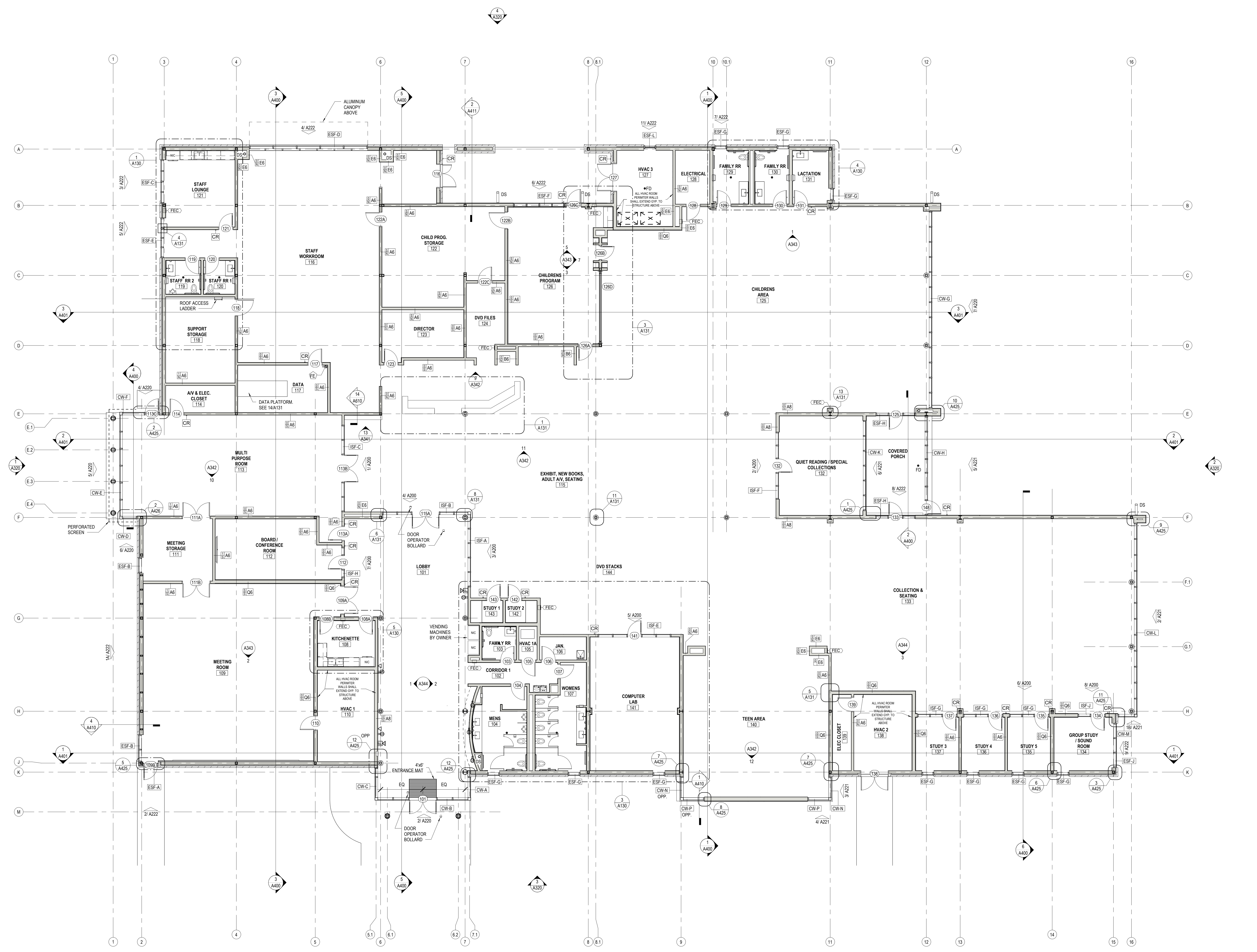
KEY PLAN

Mathes Brierre + BM
 ARCHITECTS ARCHITECTS BEAZLEY MOIERE
 A JOINT VENTURE
 201 St. Charles Avenue, Forty First Floor
 New Orleans, Louisiana 70170-4100
 Voice: 504-586-9303 Fax: 504-582-1305
 300 Heymann Blvd.
 Lafayette, Louisiana 70503
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PROJECT TITLE
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DESIGNED BY	MBA/ABM	CHECKED BY	PP
DRAWN BY	CF/RZ	DATE	05.05.2023
SHEET TITLE ENLARGED SITE PLANS			
PROJECT NO.	MBA - 11884	SHEET NO.	A104
	ABM - 201813		

1 ENLARGED WEST PARKING LOT
 A104 1/8" = 1'-0"



No.	Description	Date

KEY PLAN

Mathes Brierre + IBM
 ARCHITECTS ARCHITECTS BEAZLEYMOLIERE
 A JOINT VENTURE
 201 St. Charles Avenue, Forty First Floor
 New Orleans, Louisiana 70170-4100
 Voice: 504.586.9300 Fax: 504.582.1305
 300 Heymann Blvd.
 Lafayette, Louisiana 70503
 337.233.0614

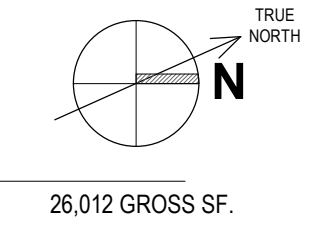
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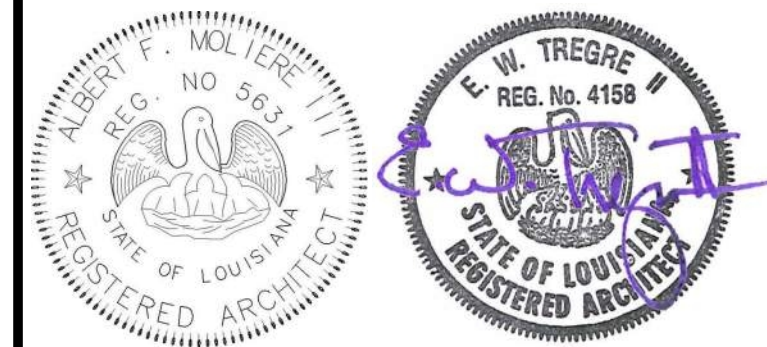
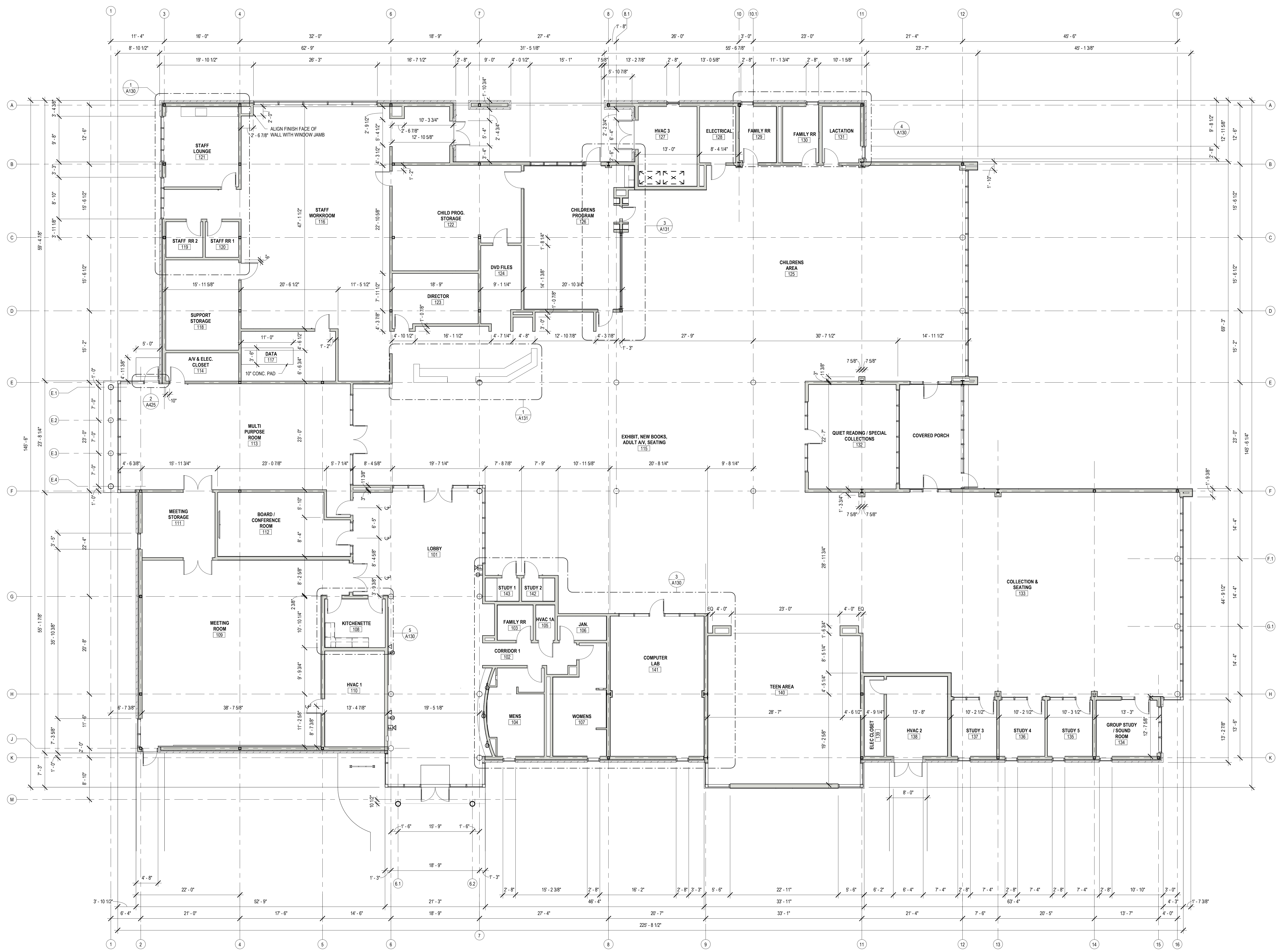
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DESIGNED BY	MBA/ABM	CHECKED BY	PP
DRAWN BY	CF/RZ	DATE	05.05.2023
SHEET TITLE			
FLOOR PLAN			
PROJECT NO.	MBA - 11884	SHEET NO.	A110
	ABM - 201813		

FLOOR PLAN
 1/8" = 1'-0"



26,012 GROSS SF.



No.	Description	Date

KEY PLAN

Mathes Brierre + /BM
 ARCHITECTS ARCHITECTS BEAZLEY MOIERE
 A JOINT VENTURE
 201 St. Charles Avenue, Forty First Floor
 New Orleans, Louisiana 70170-4100
 Voice: 504-586-9303 Fax: 504-582-1305
 300 Heymann Blvd.
 Lafayette, Louisiana 70503
 337.233.0614

PROJECT TITLE

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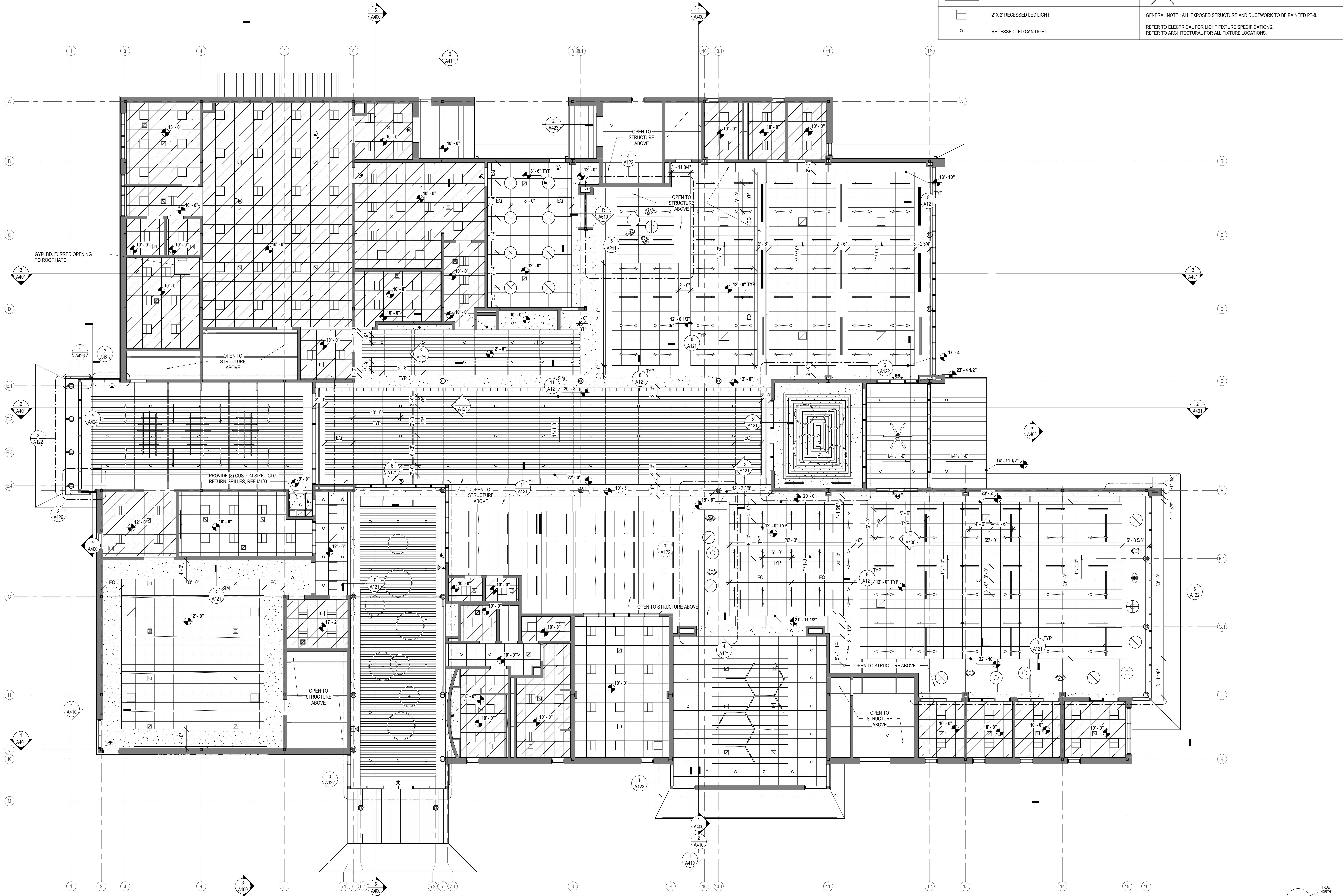
PERMIT DOCUMENTS

DESIGNED BY	MBA/ABM	CHECKED BY	PP
DRAWN BY	CF/RZ	DATE	05.05.2023
SHEET TITLE FLOOR PLAN - DIMENSIONS			
PROJECT NO.	MBA - 11884	SHEET NO.	A111
	ABM - 201813		

1 FLOOR PLAN - DIMENSION PLAN
 1/8" = 1'-0"

REFLECTED CEILING PLAN LEGEND (SEE FINISH SCHEDULE ON A600 FOR BAFFLE AND CEILING TYPES)			
	BF-4, WOOD-LOOK ACOUSTIC BAFFLE CEILING PANEL		RECESSED LED LINEAR LIGHT
	C-1, NOTE USED		ACOUSTIC PENDANT LIGHTING : BF-5 - Frasch Spoke Light (Rectangle)
	C-2, ACOUSTIC CEILING PANEL		ACOUSTIC PENDANT LIGHTING : BF-6 - Frasch Spoke Light (Circle)
	C-3, ACOUSTIC CEILING PANEL		ACOUSTIC PENDANT LIGHTING : BF-7 - Frasch Teardrop 11"
	C-4, PAINTED GYP CEILING		LED PENDANT LIGHTING
	EXPOSED CEILING		LED PENDANT LIGHTING
	BF-1, BF-2, BF-3, ACOUSTIC CEILING BAFFLE. REF TO PLAN FOR TYPE		LED PENDANT LIGHTING
	2 X 2 RECESSED LED LIGHT		LED PENDANT LIGHTING
	RECESSED LED CAN LIGHT		LED PENDANT LIGHTING
GENERAL NOTE : ALL EXPOSED STRUCTURE AND DUCTWORK TO BE PAINTED PF-8. REFER TO ELECTRICAL FOR LIGHT FIXTURE SPECIFICATIONS. REFER TO ARCHITECTURAL FOR ALL FIXTURE LOCATIONS.			

MATERIALS KEYING/ GENERAL NOTES



No.	Description	Date

KEY PLAN

Mathes Brierre + MBM
ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
A JOINT VENTURE

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New Orleans, Louisiana 70170-4100
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337.233.0614

PROJECT TITLE

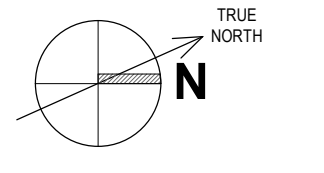
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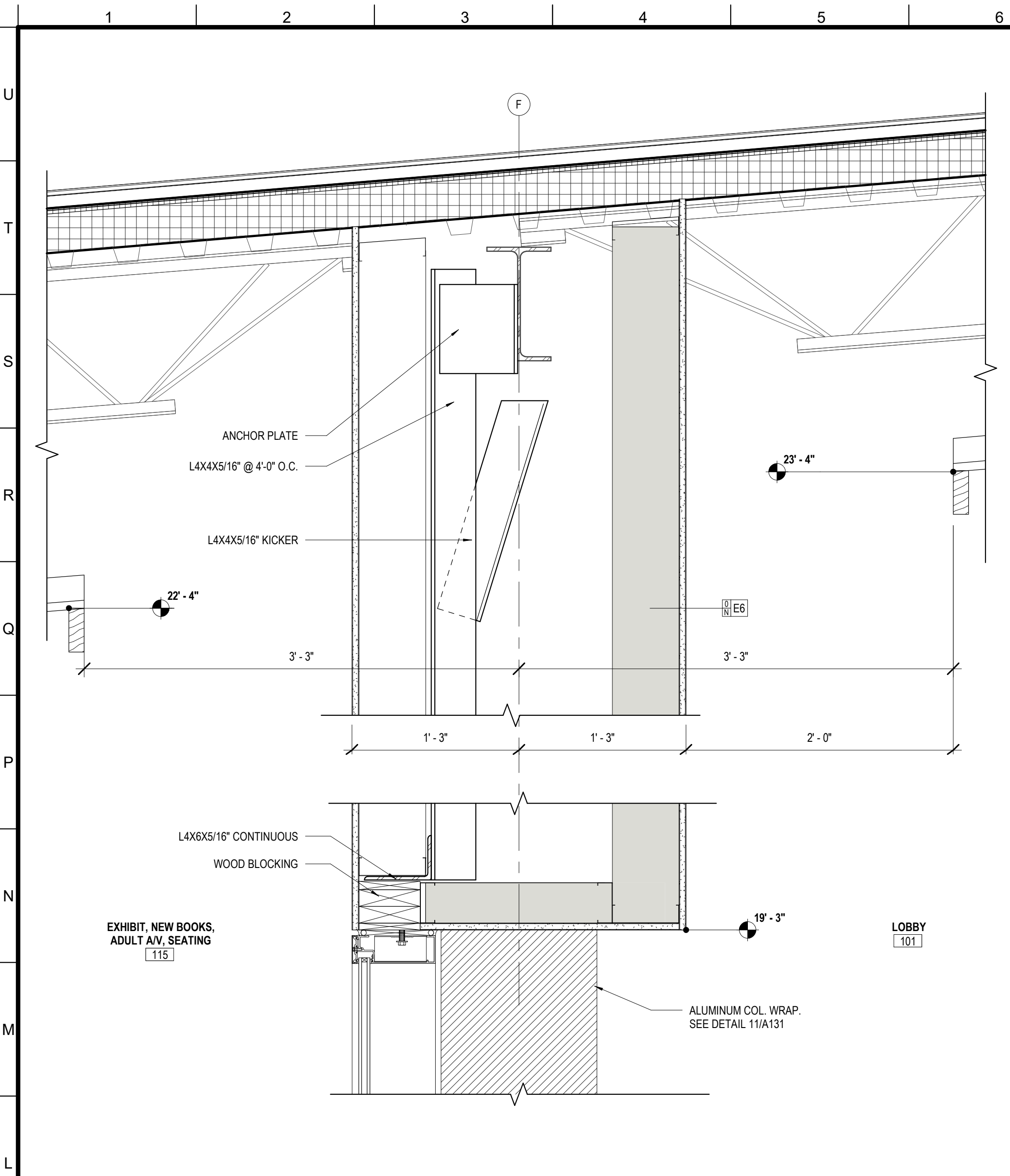
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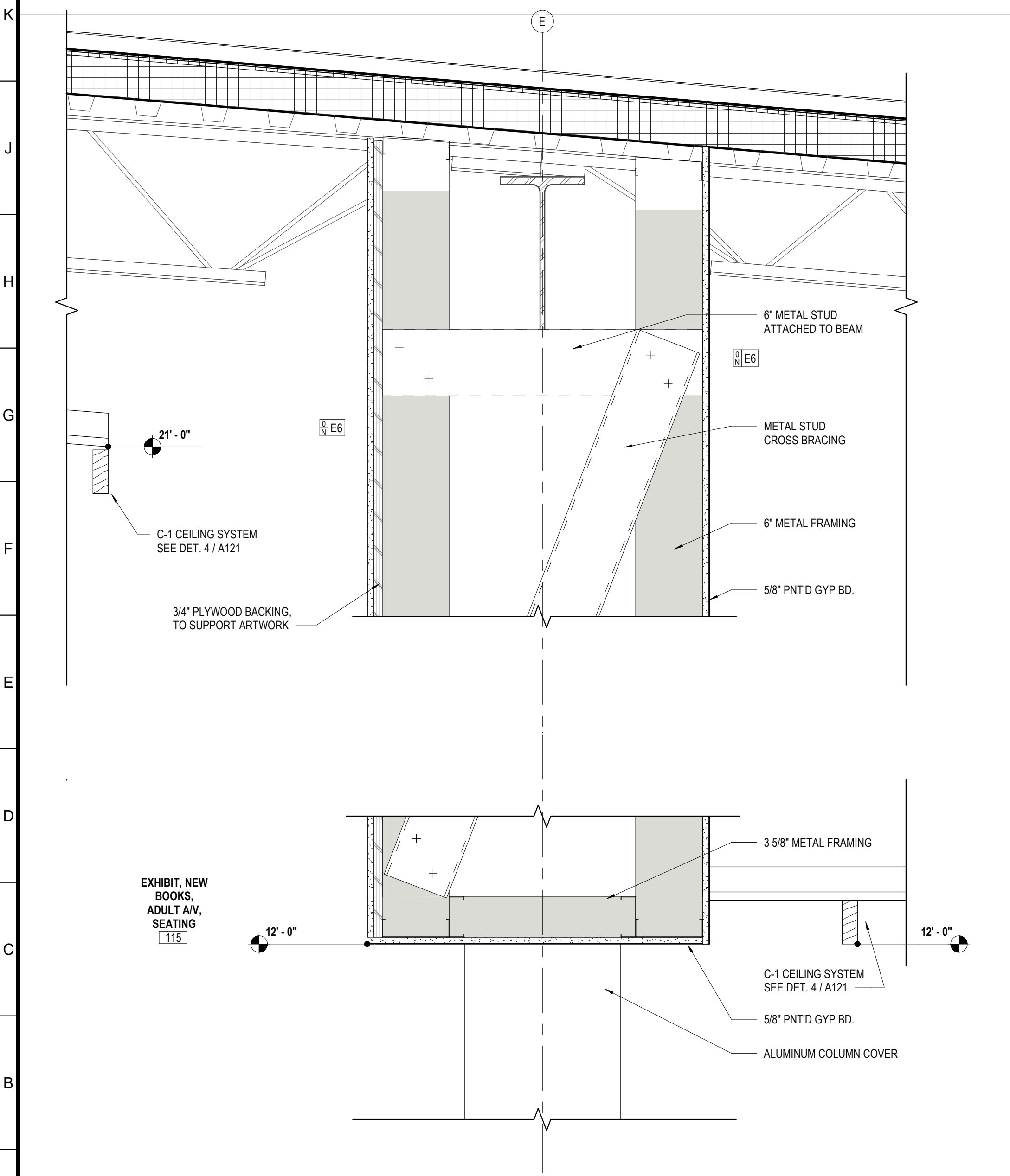
DESIGNED BY	MBA/ABM	CHECKED BY	PP
DRAWN BY	CF/F/RZ	DATE	05.05.2023
SHEET TITLE			
REFLECTED CEILING PLAN			
PROJECT NO.	MBA - 11884	SHEET NO.	A120
	ABM - 201813		

1 FIRST FLOOR - REFLECTED CEILING PLAN
A120 1/8" = 1'-0"

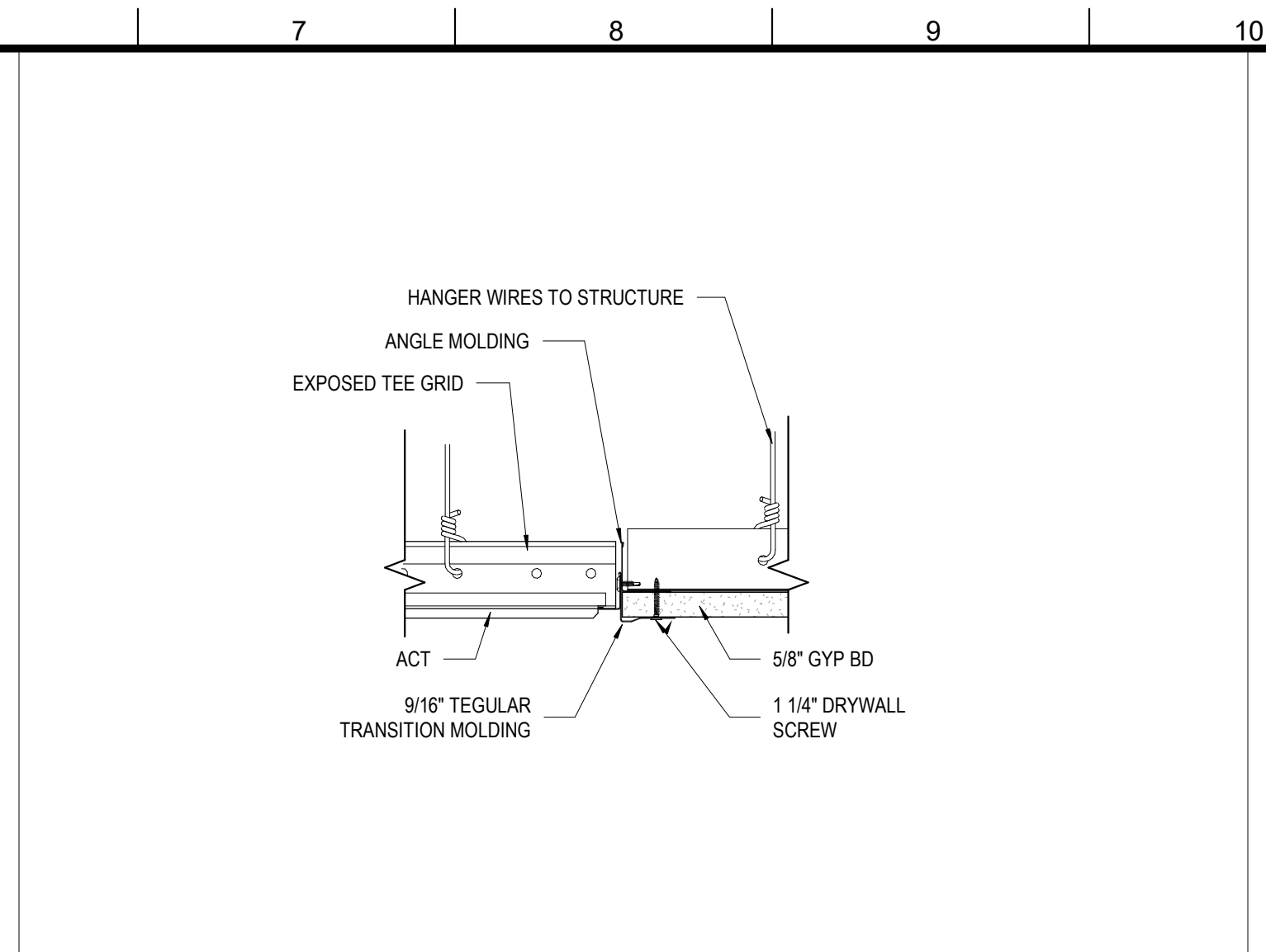




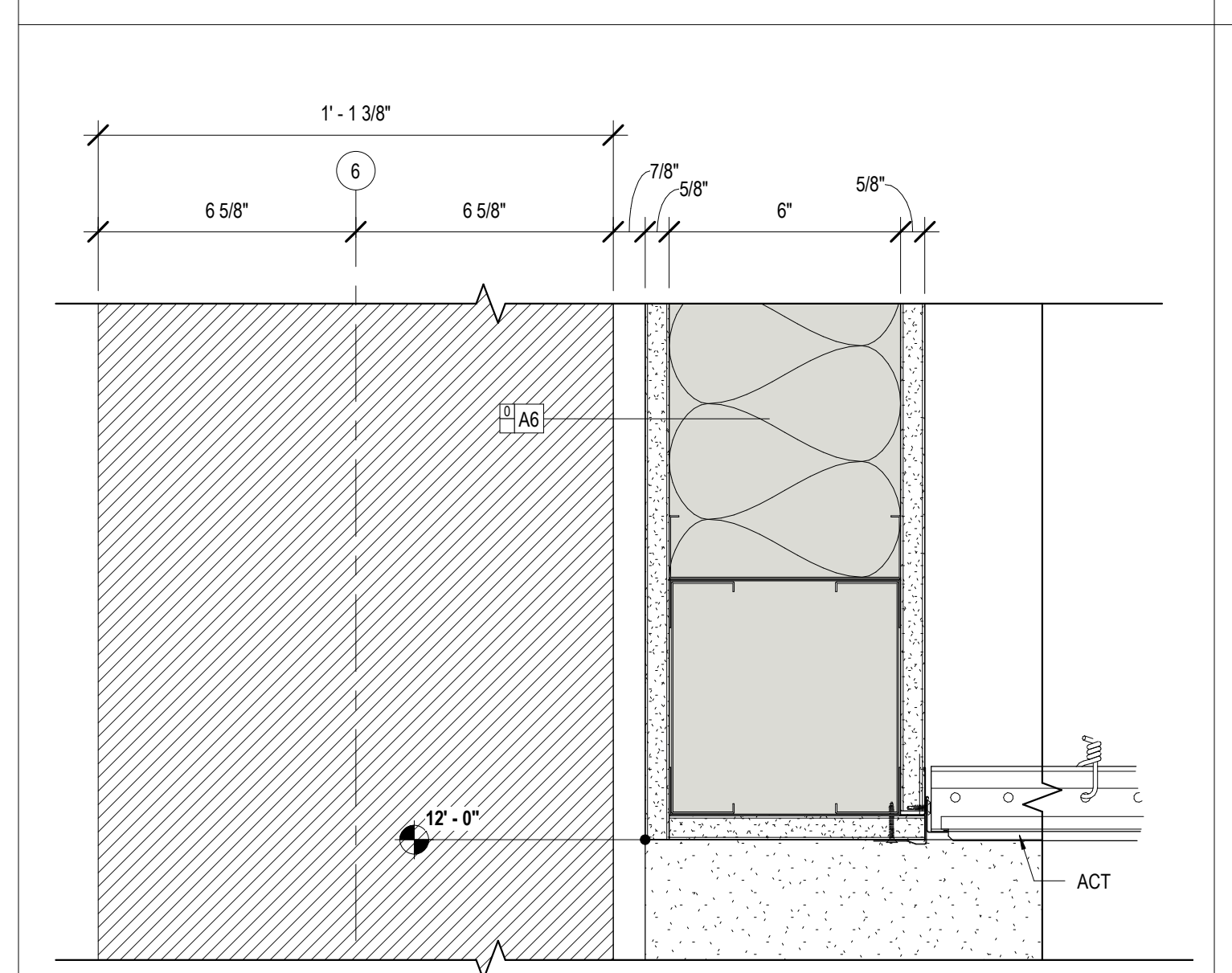
6 CLG DTL - CL F
A121 1 1/2" = 1'-0"



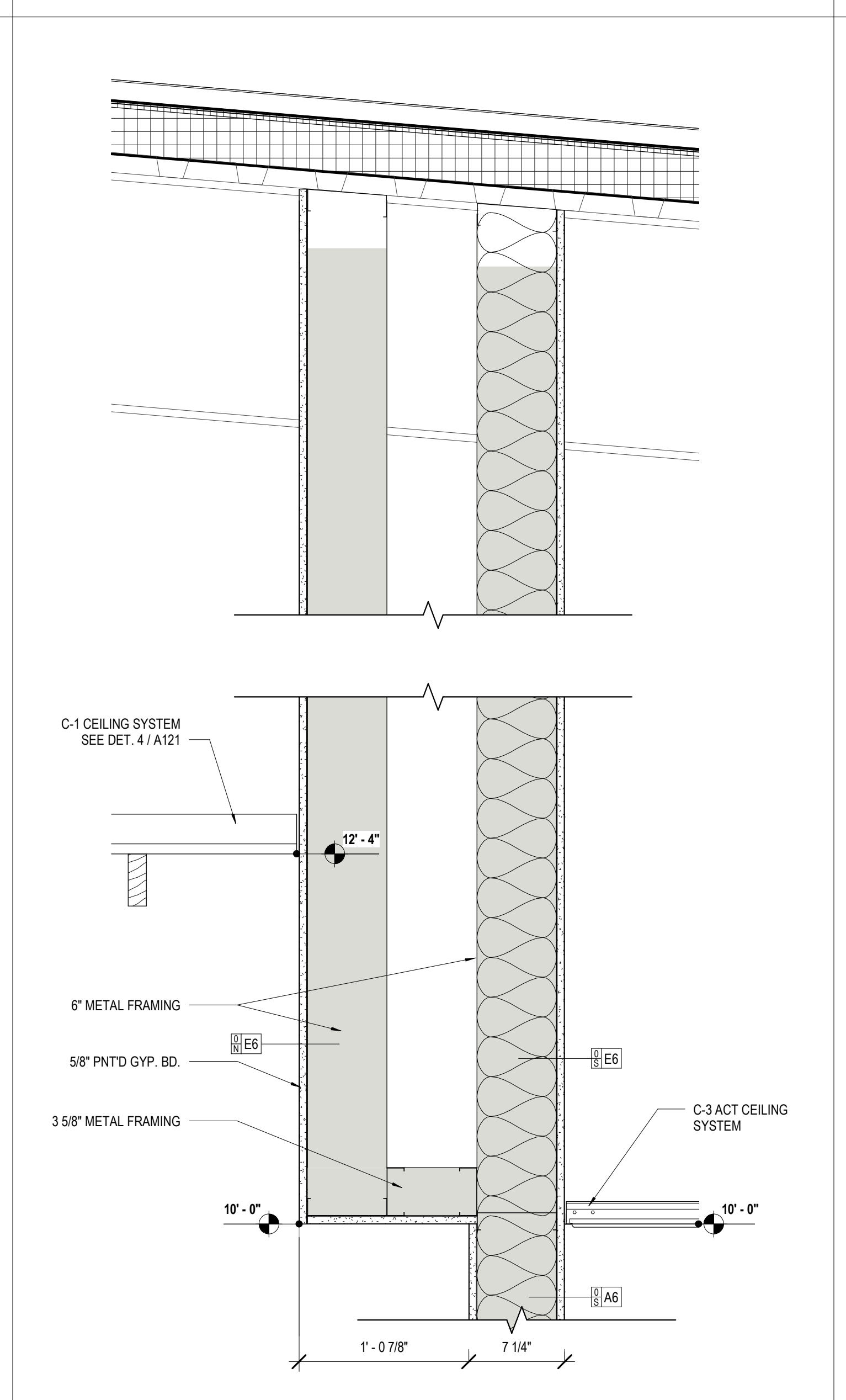
1 CLG DTL - CL E
A121 1 1/2" = 1'-0"



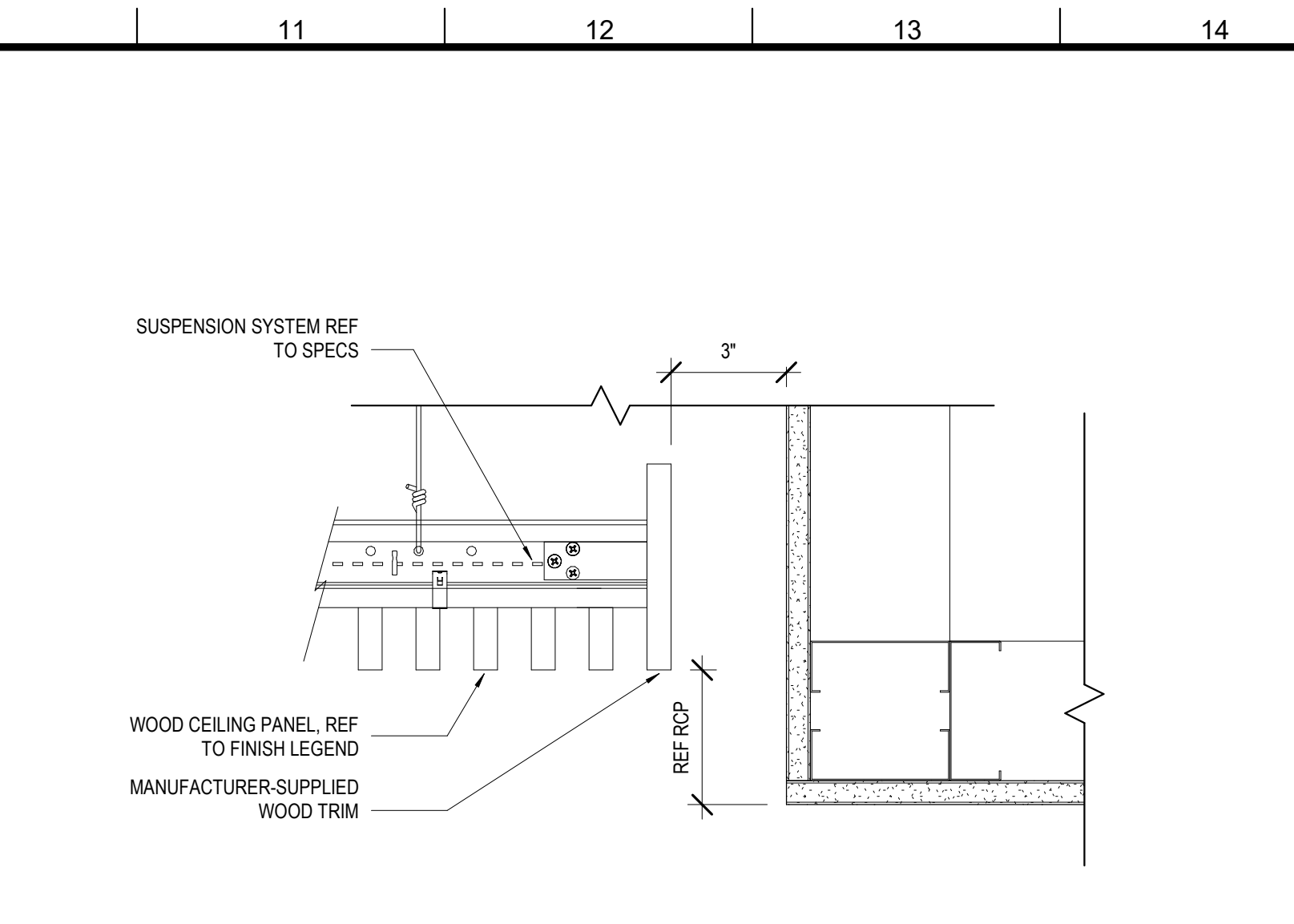
9 DTL @ ACT TO GB CLG.
A121 3" = 1'-0"



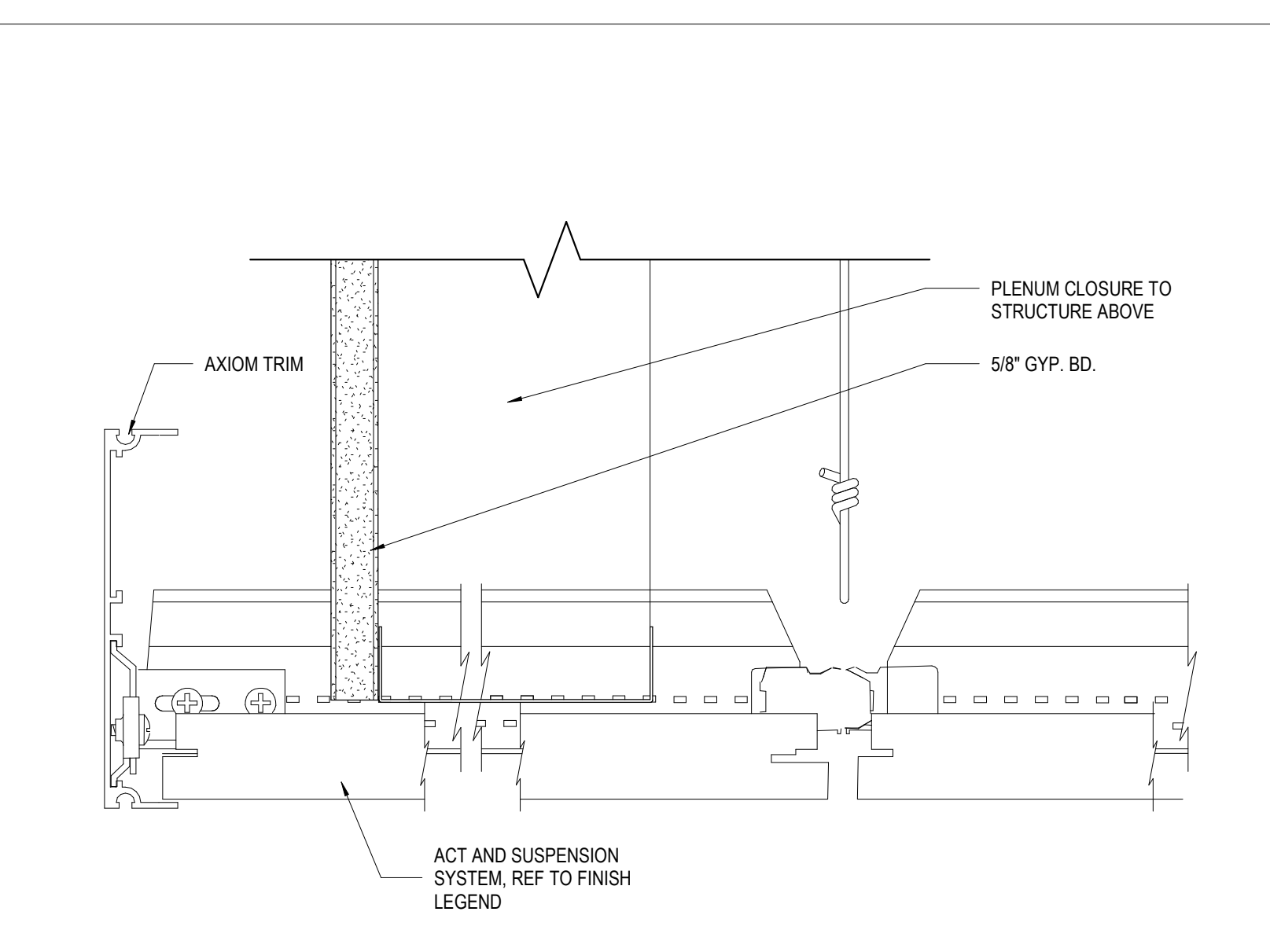
7 CLG DTL - CL G
A121 3" = 1'-0"



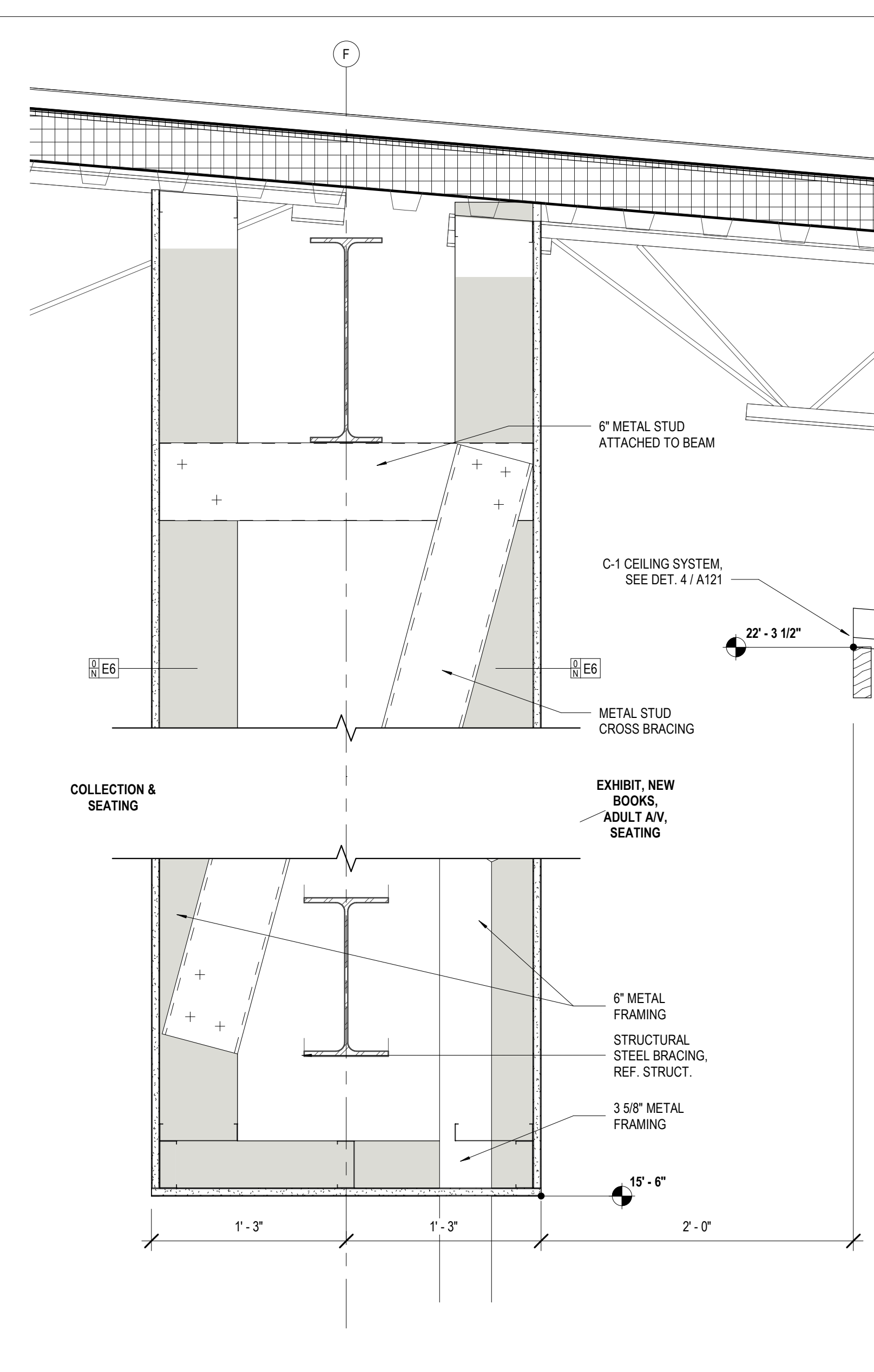
2 CLG DTL - CHECK OUT
A121 1 1/2" = 1'-0"



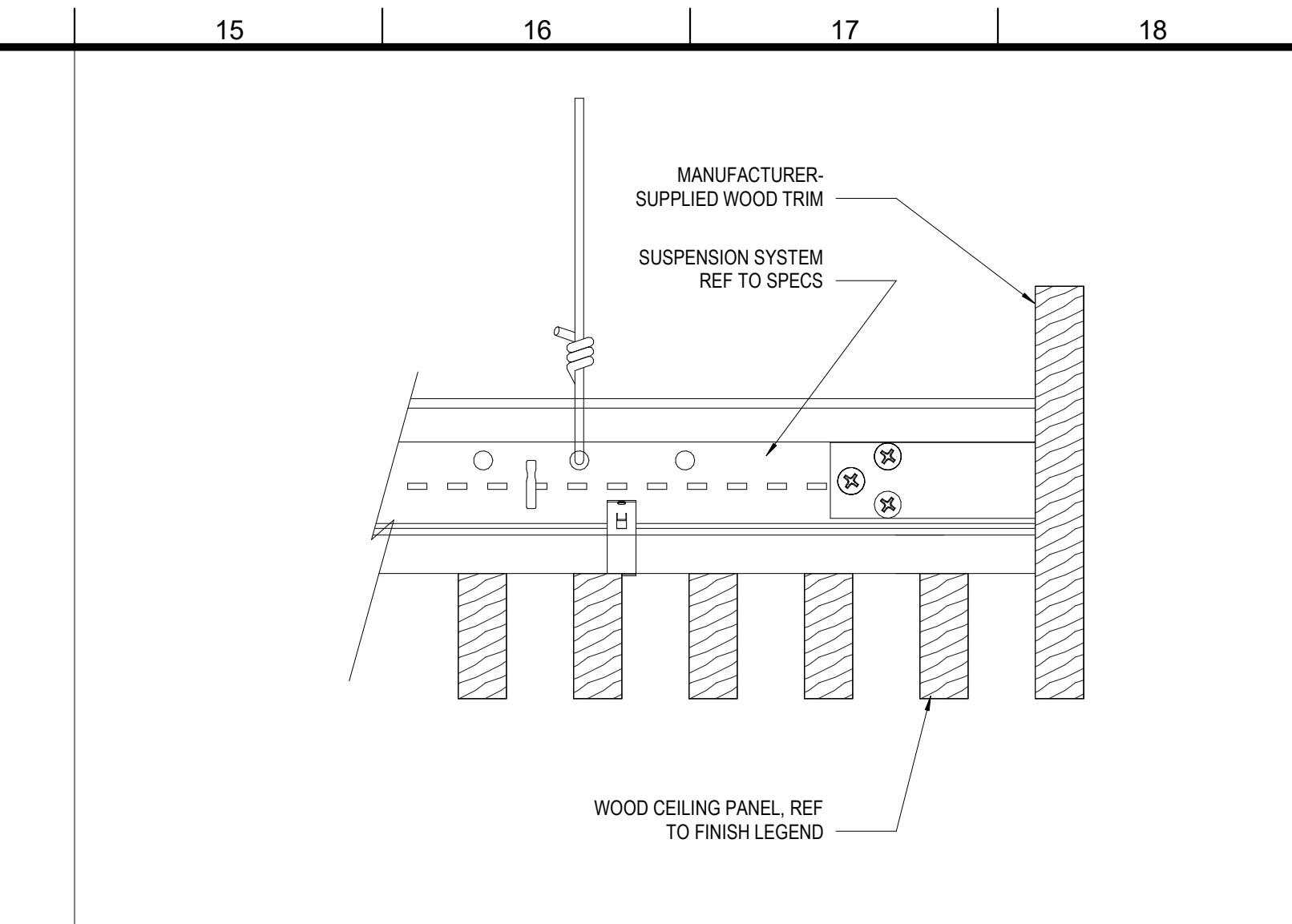
10 CEILING DETAIL @ WOOD CEILING
A121 3" = 1'-0"



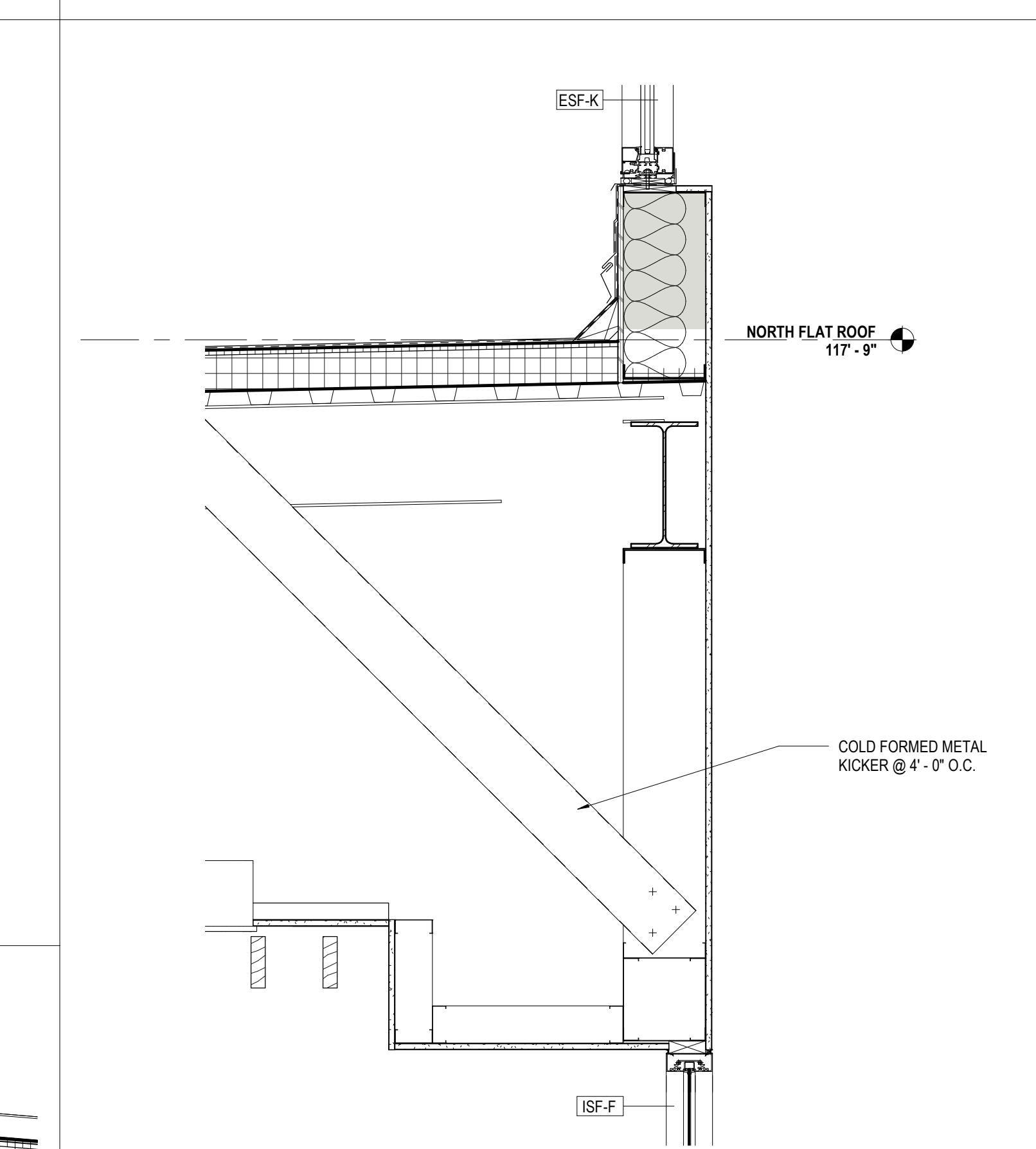
8 CEILING DETAIL @ ACT CEILING
A121 6" = 1'-0"



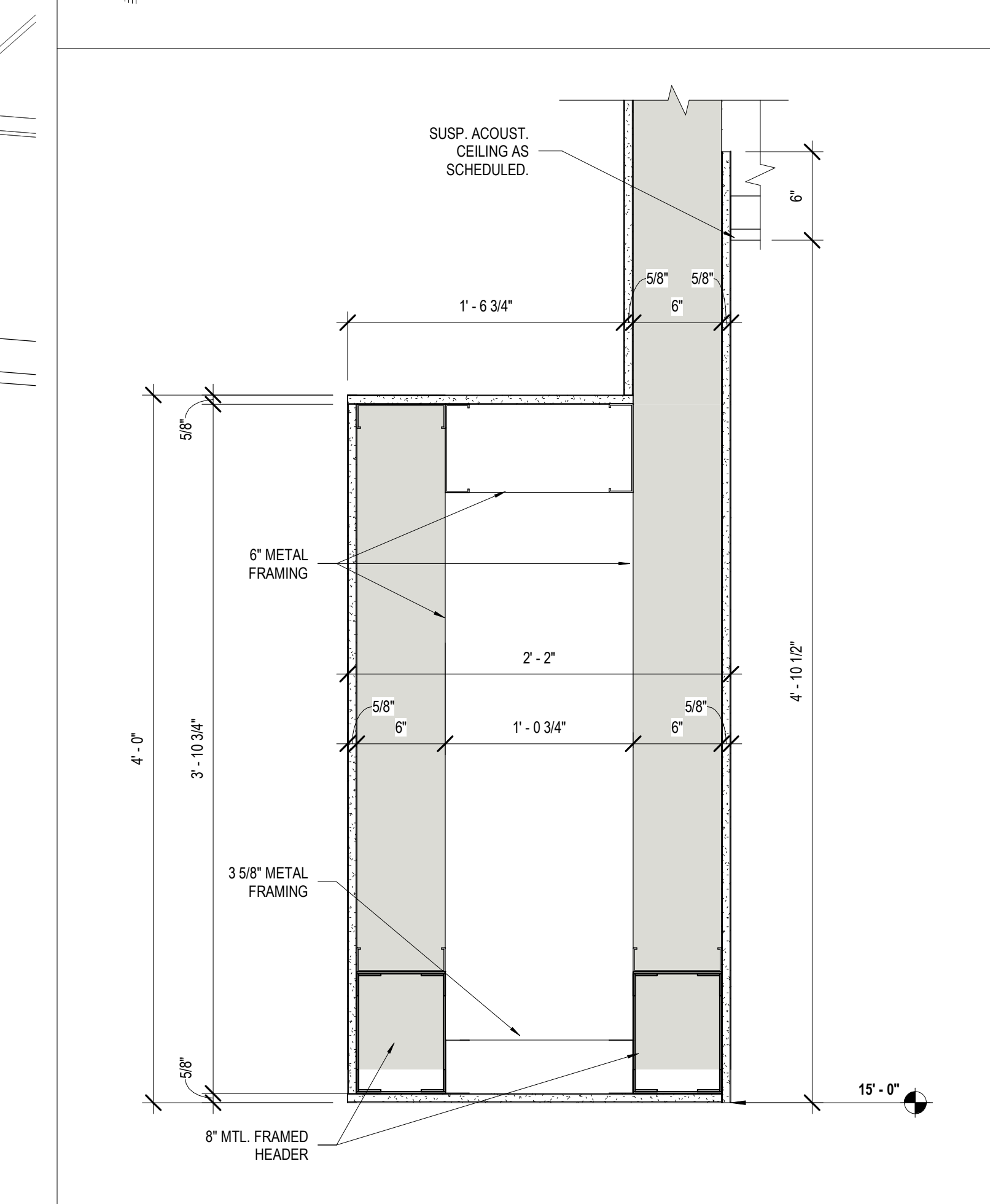
3 CLG DTL - 2
A121 1 1/2" = 1'-0"



11 CEILING DTL. @ WOOD CEILING
A121 6" = 1'-0"



5 CLG DTL - QUIET READING ROOM
A121 1" = 1'-0"



4 TEEN AREA SECTION DETAIL
A121

MATERIALS KEYING/ GENERAL NOTES

No.	Description	Date

KEY PLAN

Mathes Brierre + MBM
ARCHITECTS ARCHITECTS BEAZLEY MOIERE
A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
New Orleans, Louisiana 70170-4100
Voice: 504.586.9303 Fax: 504.582.1305

300 Heymann Blvd.
Lafayette, Louisiana 70503
337.233.0614

PROJECT TITLE

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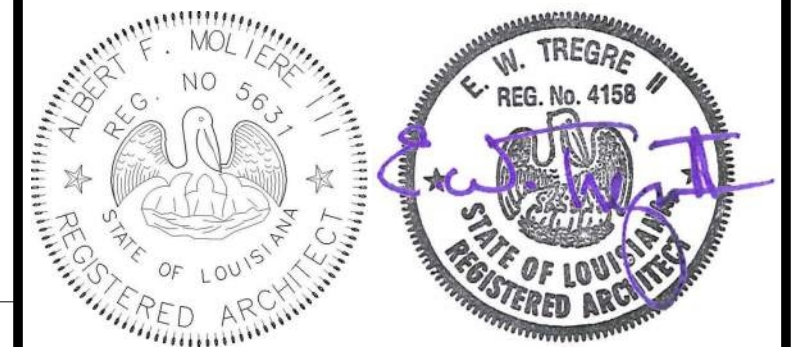
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DESIGNED BY	MBA/ABM	CHECKED BY	PP
DRAWN BY	CF/F/RZ	DATE	05.05.2023
SHEET TITLE			
CEILING DETAILS			
PROJECT NO.	MBA - 11884	SHEET NO.	A121
ABM - 201813			

REFLECTED CEILING PLAN LEGEND (SEE FINISH SCHEDULE ON A600 FOR BAFFLE AND CEILING TYPES)	
	BF-4, WOOD-LOOK ACOUSTIC BAFFLE CEILING PANEL
	C-1, NOTE USED
	C-2, ACOUSTIC CEILING PANEL
	C-3, ACOUSTIC CEILING PANEL
	C-4, PAINTED GYP CEILING
	EXPOSED CEILING
	BF-1, BF-2, BF-3, ACOUSTIC CEILING BAFFLE, REF TO PLAN FOR TYPE
	2' X 2' RECESSED LED LIGHT
	RECESSED LED CAN LIGHT
	RECESSED LED LINEAR LIGHT
	ACOUSTIC PENDANT LIGHTING : BF-5 - Frash Spoke Light (Rectangle)
	ACOUSTIC PENDANT LIGHTING : BF-6 - Frash Spoke Light (Circle)
	ACOUSTIC PENDANT LIGHTING : BF-7 - Frash Teardrop 11"
	LED PENDANT LIGHTING
	LED PENDANT LIGHTING
	LED PENDANT LIGHTING
GENERAL NOTE : ALL EXPOSED STRUCTURE AND DUCTWORK TO BE PAINTED PT-8. REFER TO ELECTRICAL FOR LIGHT FIXTURE SPECIFICATIONS. REFER TO ARCHITECTURAL FOR ALL FIXTURE LOCATIONS.	

MATERIALS KEYING/ GENERAL NOTES



No.	Description	Date

KEY PLAN

Mathes Brierre + IBM
 ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
 A JOINT VENTURE
 201 St. Charles Avenue, Forty First Floor
 New Orleans, Louisiana 70170-4100
 Voice: 504.586.9303 Fax: 504.582.1305
 300 Heymann Blvd.
 Lafayette, Louisiana 70503
 337.233.0614

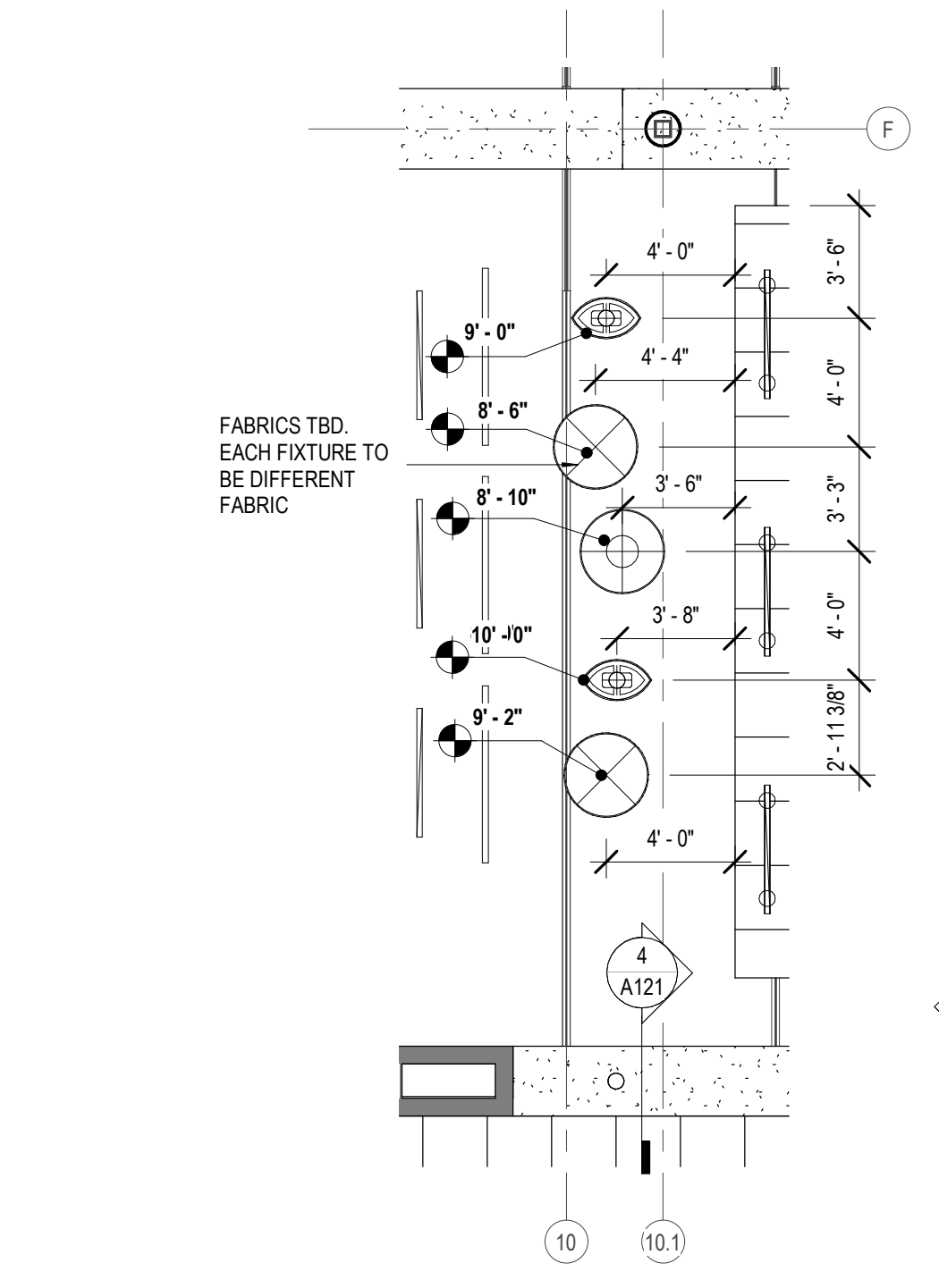
PROJECT TITLE

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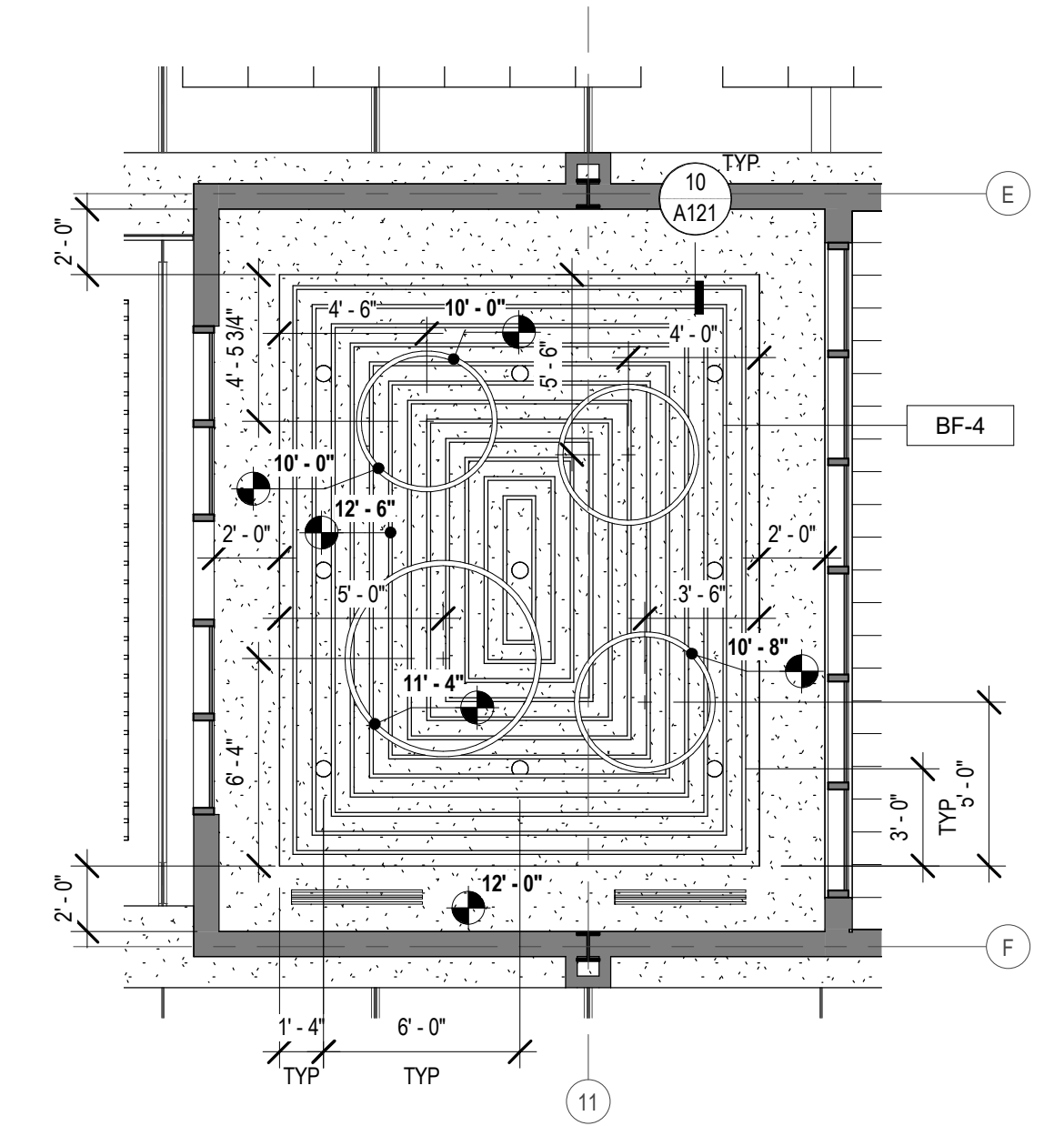
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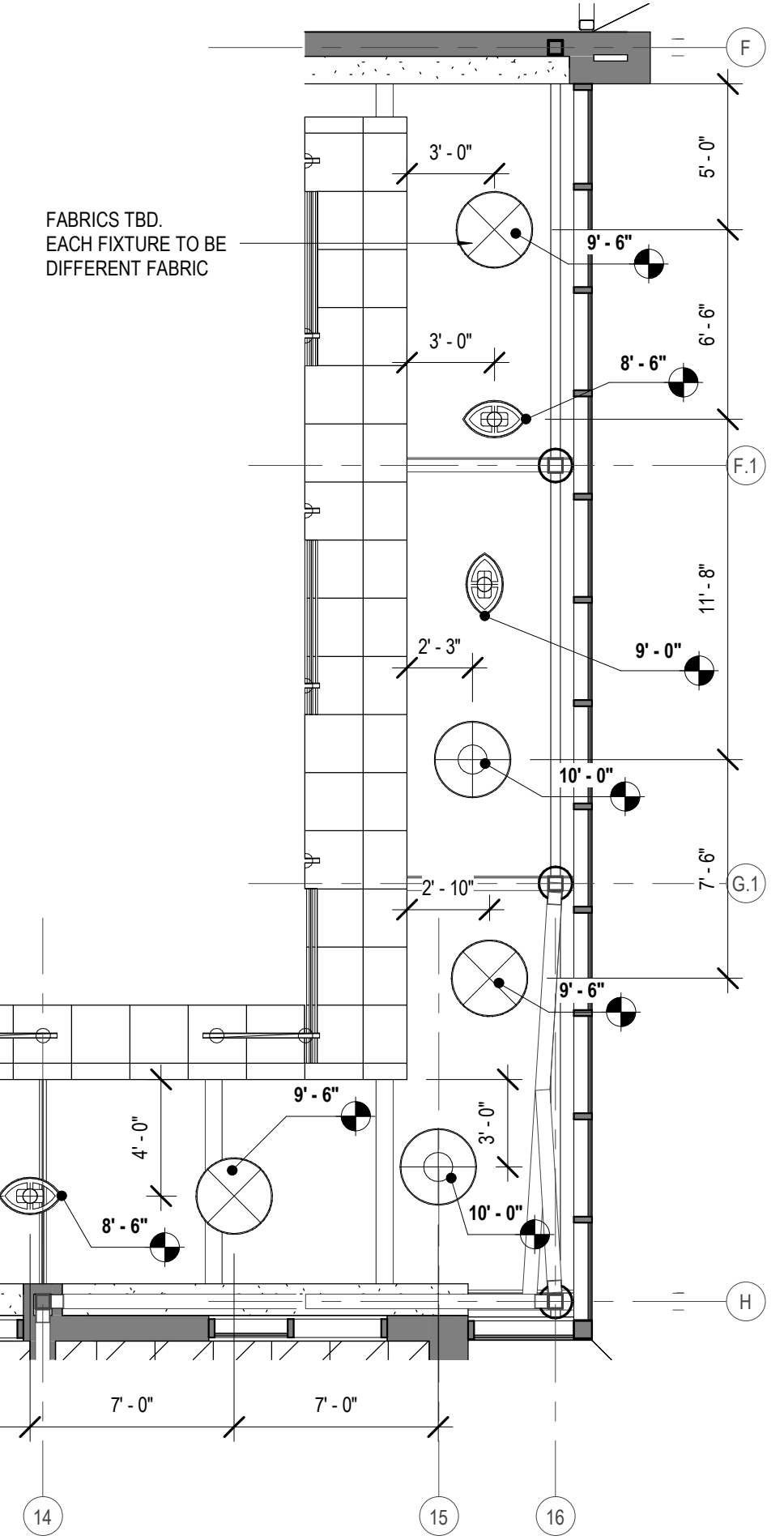
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DRAWN BY	FA	DATE	05.05.2023
SHEET TITLE ENLARGED REFLECTED CEILING PLANS			
PROJECT NO.	MBA - 11884	SHEET NO.	A122
ABM - 201813			



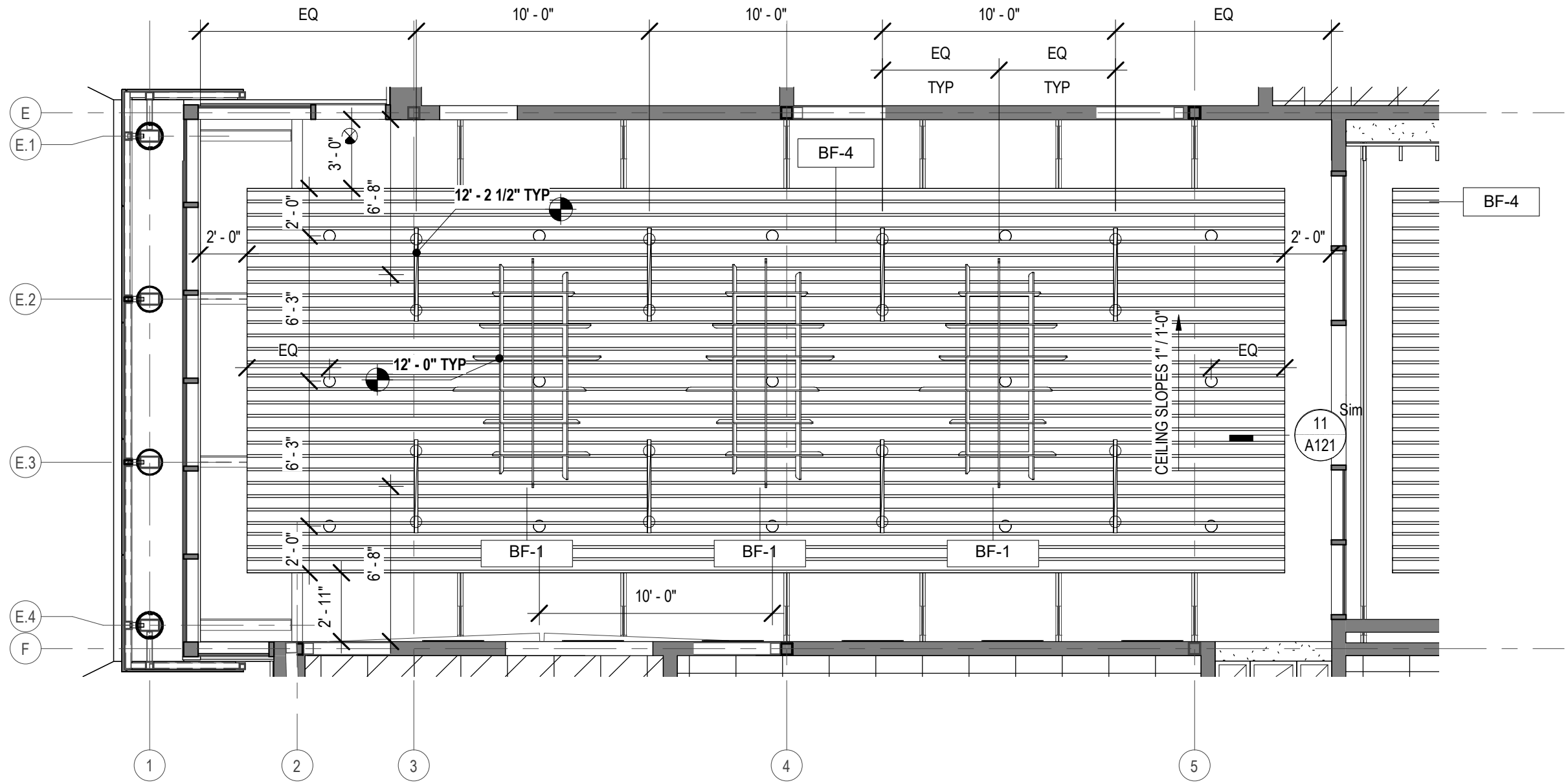
7 ENLARGED REFLECTED CEILING PLAN
 A122 3/16" = 1'-0"



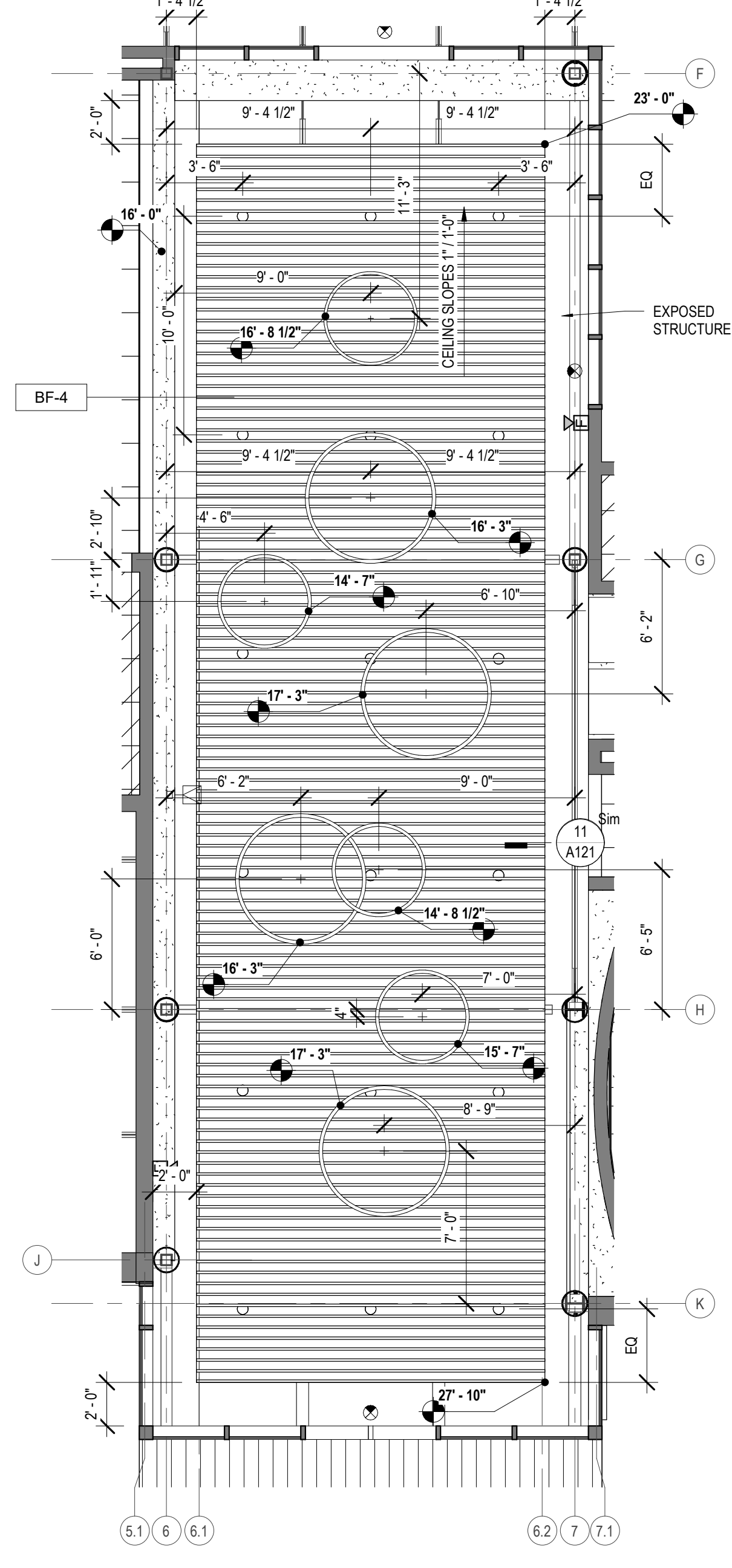
6 ENLARGED REFLECTED CEILING PLAN
 A121



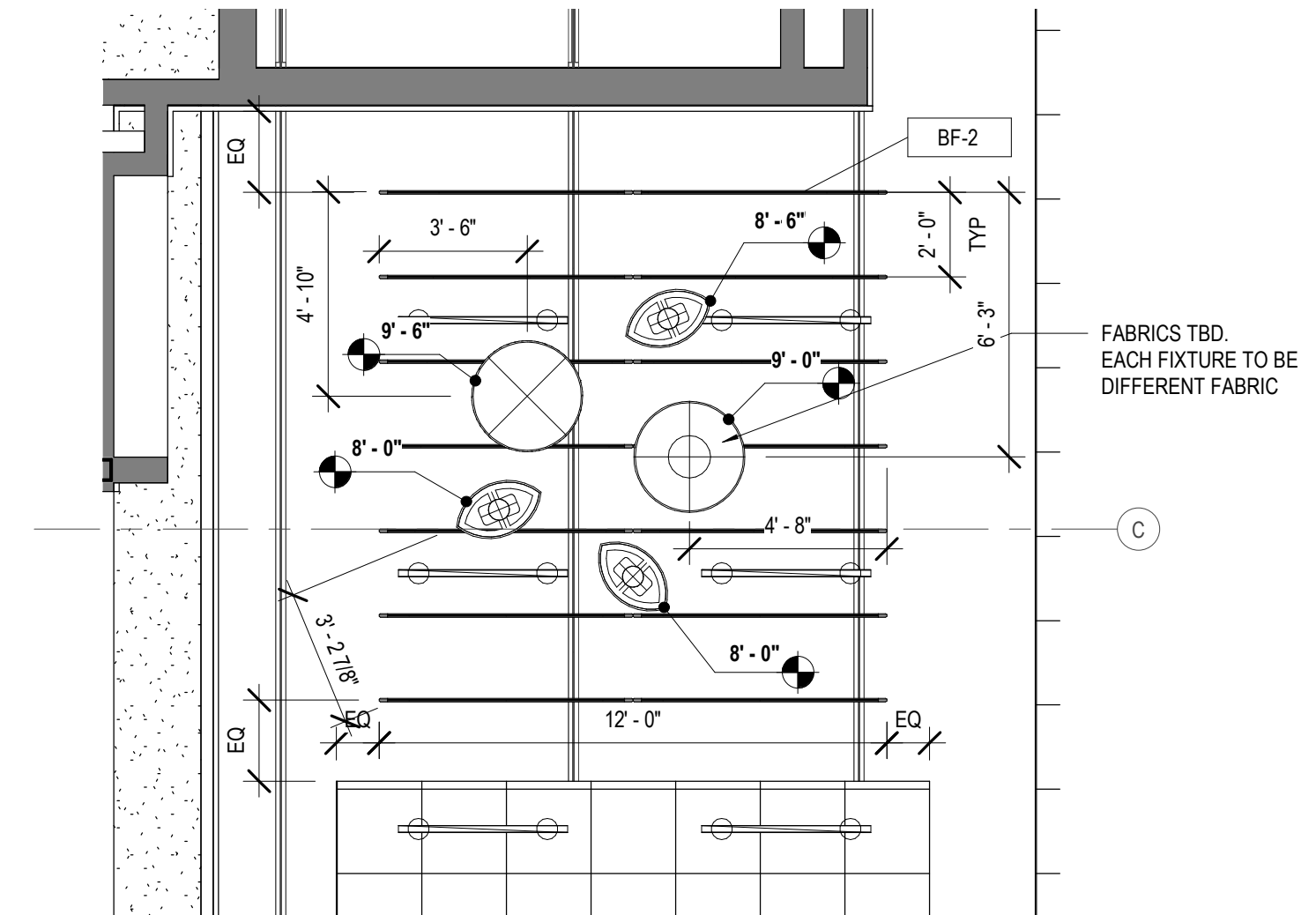
5 ENLARGED REFLECTED CEILING PLAN
 A122 3/16" = 1'-0"



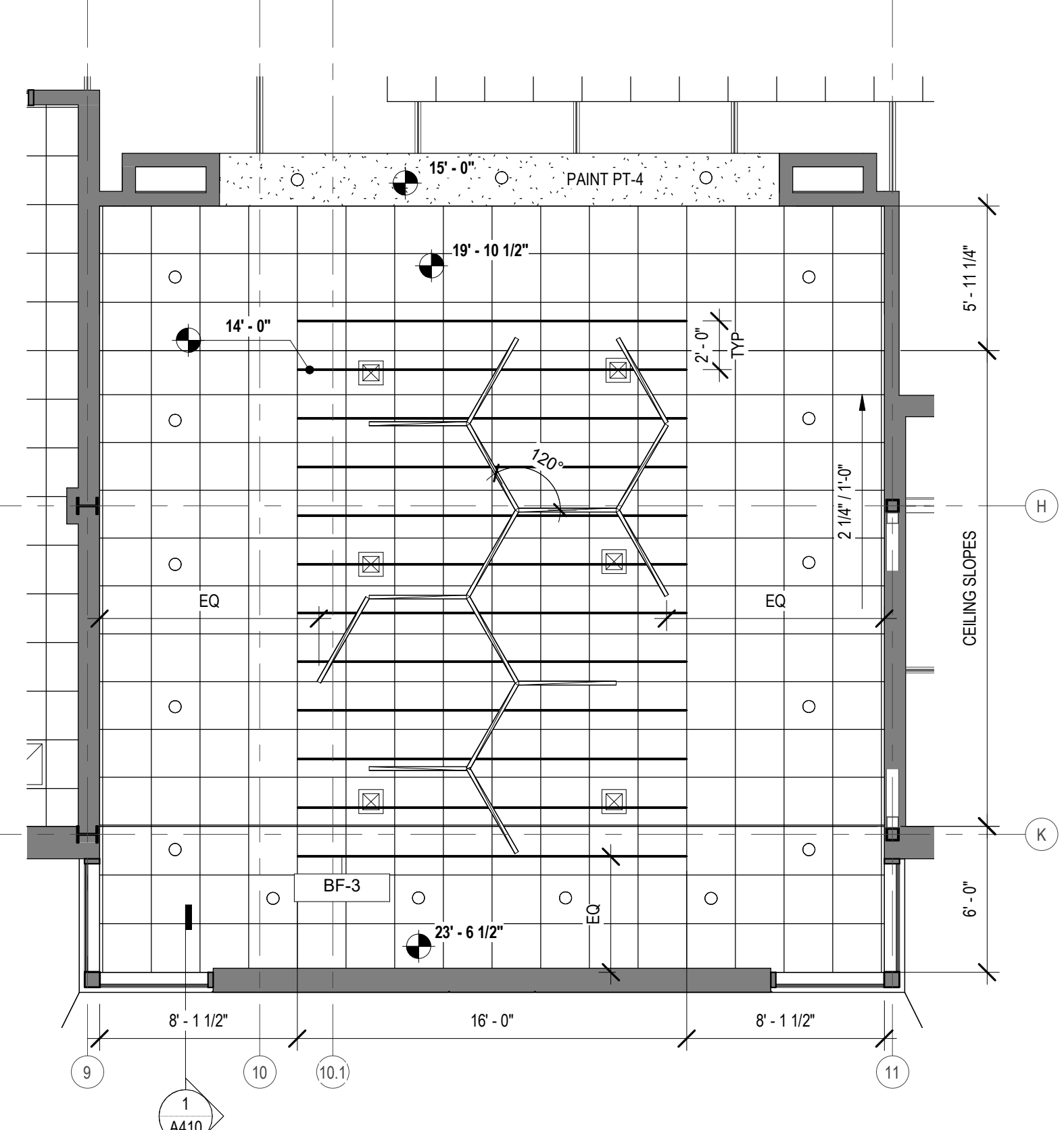
2 ENLARGED REFLECTED CEILING PLAN
 A122 3/16" = 1'-0"



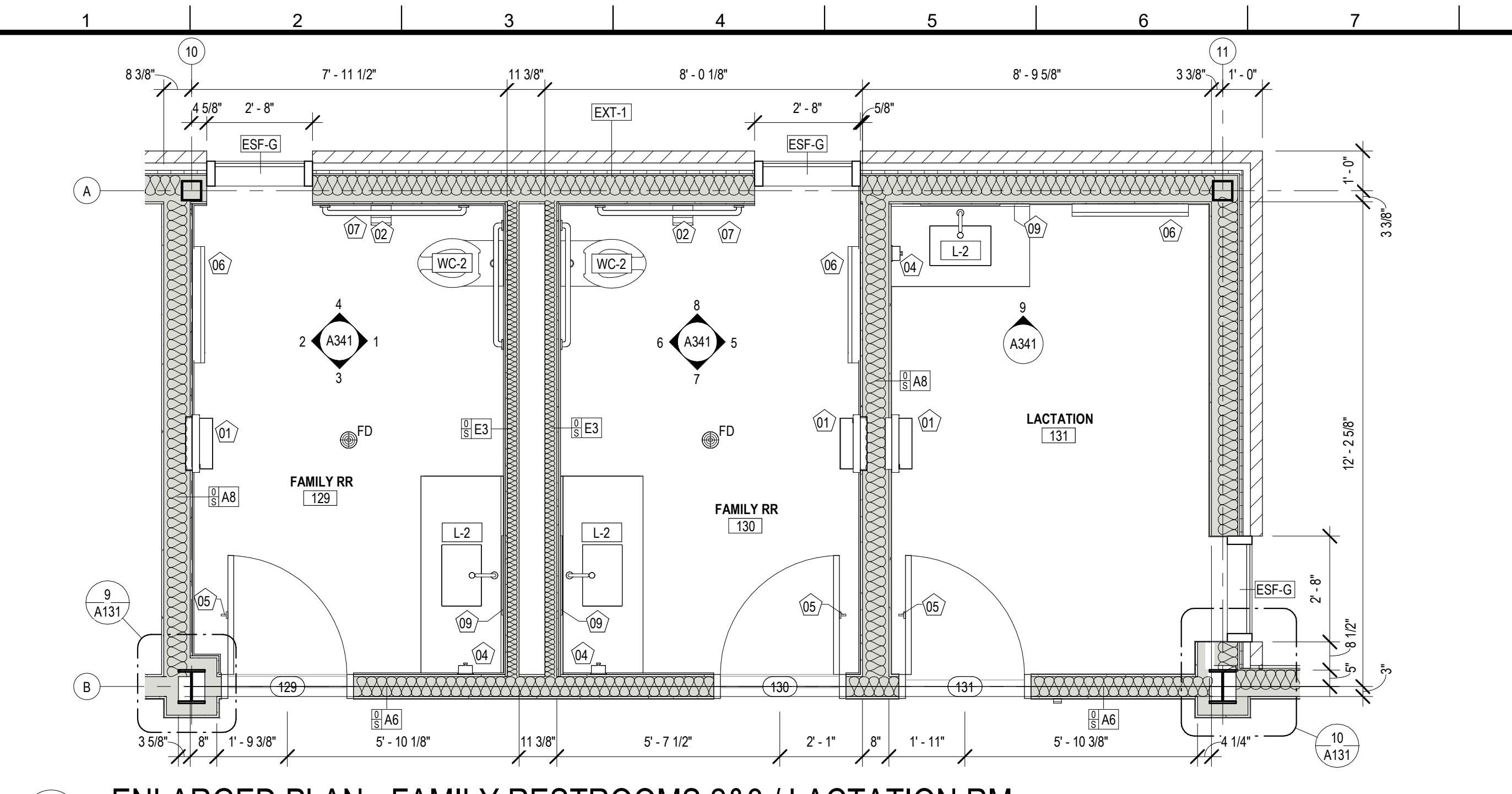
3 ENLARGED REFLECTED CEILING PLAN
 A122 3/16" = 1'-0"



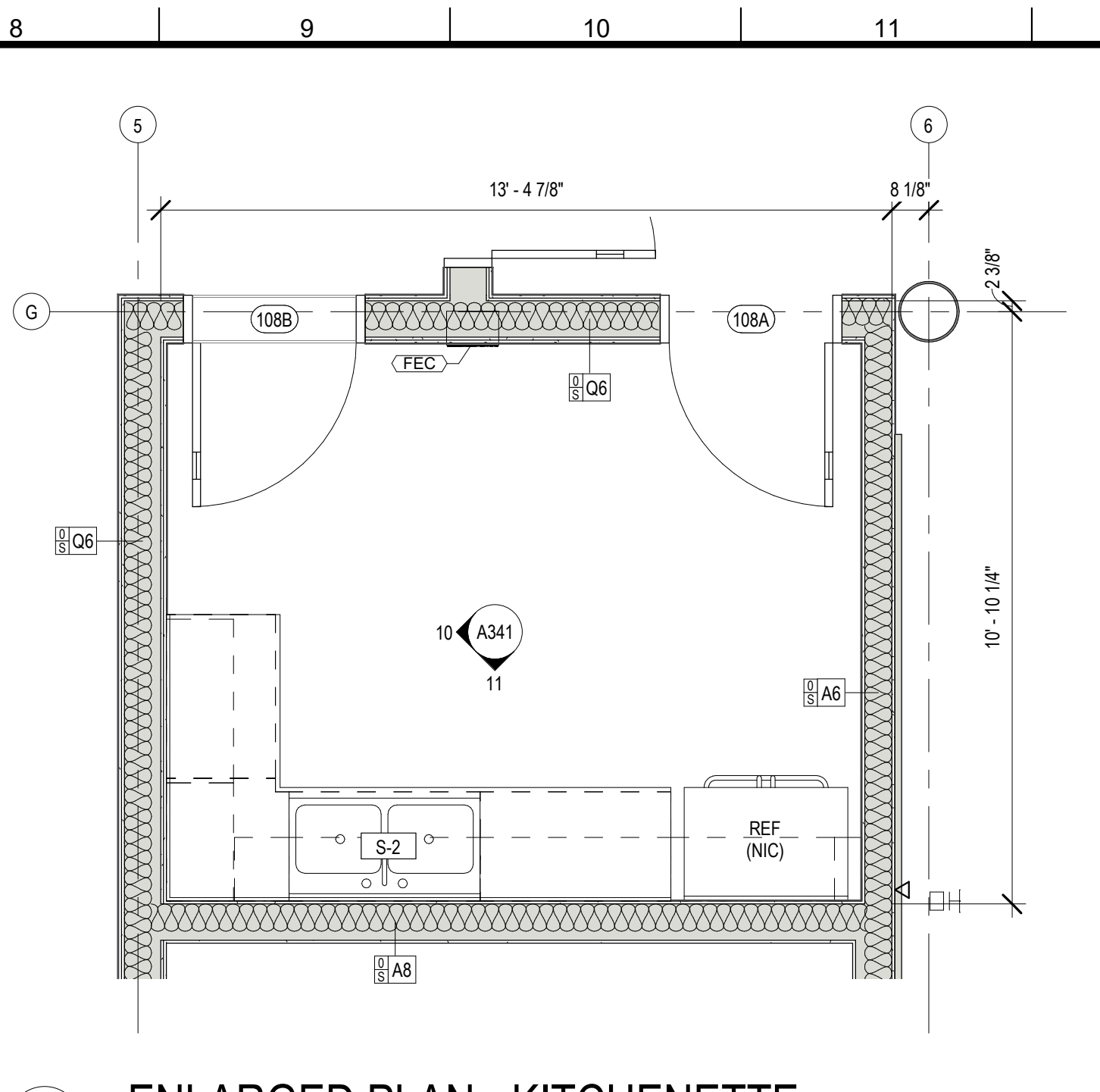
4 ENLARGED REFLECTED CEILING PLAN
 A122



1 ENLARGED REFLECTED CEILING PLAN
 A122 3/16" = 1'-0"



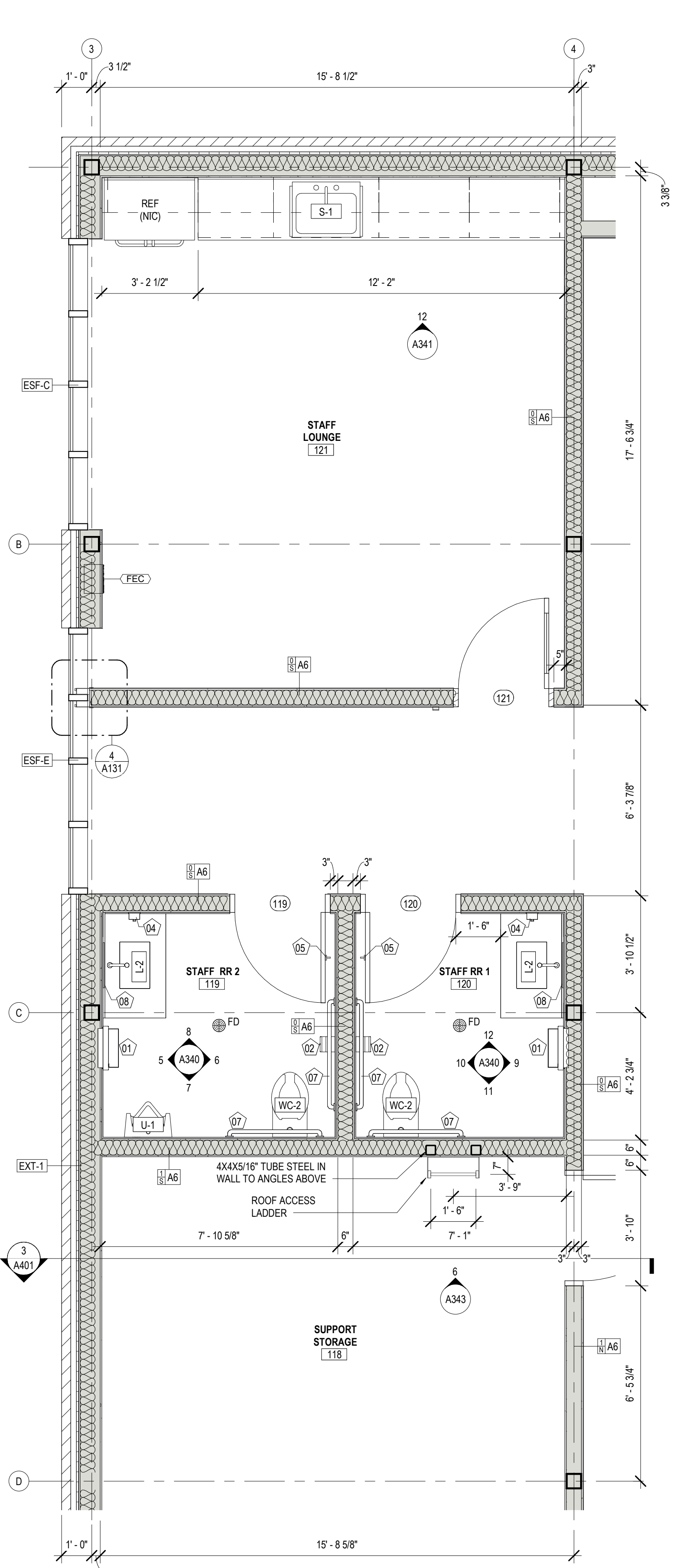
4 ENLARGED PLAN - FAMILY RESTROOMS 2&3 / LACTATION RM
A130 3/8" = 1'-0"



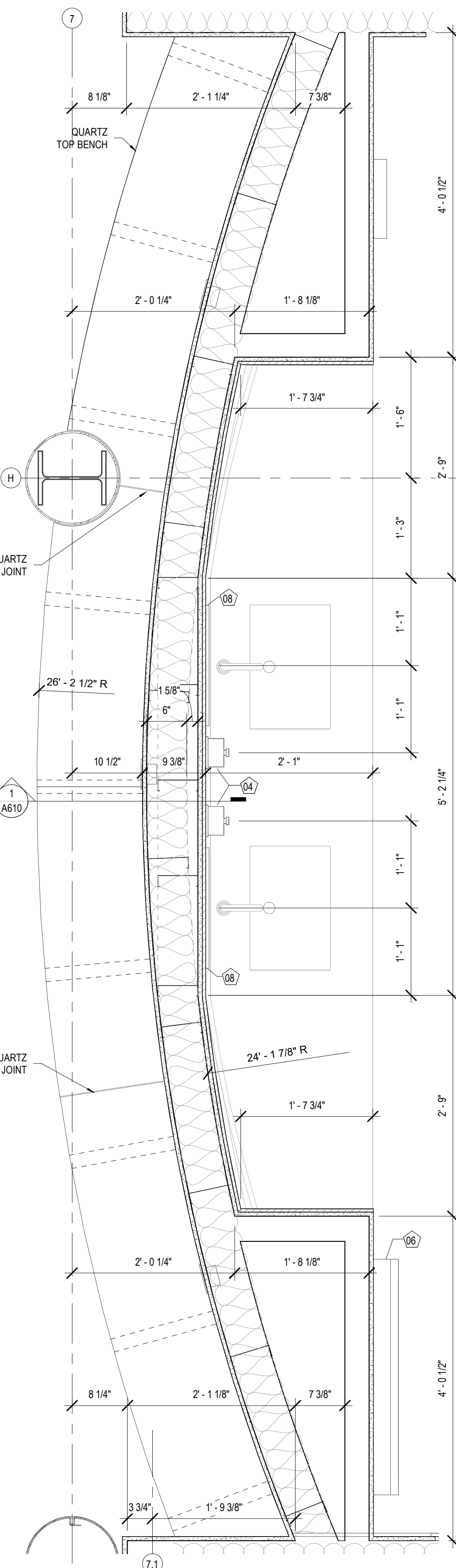
5 ENLARGED PLAN - KITCHENETTE
A130 3/8" = 1'-0"

MARK	ITEM	DESCRIPTION	MANUFACTURER	MODEL #	COMMENTS
EWC-1	DRINKING FOUNTAIN	WALL HUNG HILO WATER COOLER	HALSEY TAYLOR	HTHB-HAC2BLSS-WF	
L-2	LAVATORY	UNDERCOUNTER MOUNT SINK	KOHLER CO.	2214	UNDERMOUNT
S-1	KITCHEN SINK	SINGLE KITCHEN SINK	ELKAY MANUFACTURING	DSESR12721	DROP-IN
S-2	KITCHEN SINK	2 COMPARTMENT KITCHEN SINK	ELKAY MANUFACTURING	LRAD-3321	DROP-IN
SS-1	SERVICE SINK	MOLDED STONE MFP SERVICE BASIN	AMERICAN STANDARD	7692	
U-1	WALL HUNG URINAL	WALL HUNG URINAL	KOHLER CO.	K-4491-ET	
U-2	WALL HUNG URINAL ADA	ACCESSIBLE WALL HUNG URINAL	KOHLER CO.	K-4491-ET	17" MAX AFF TO RIM
WC-1	WALL HUNG WATER CLOSET	ELONGATED WALL HUNG TOILET	KOHLER CO.	K-4325	
WC-2	WALL HUNG WATER CLOSET ADA	ACCESSIBLE ELONGATED WALL HUNG TOILET	KOHLER CO.	K-4325	17" - 19" AFF TO TOP OF SEAT

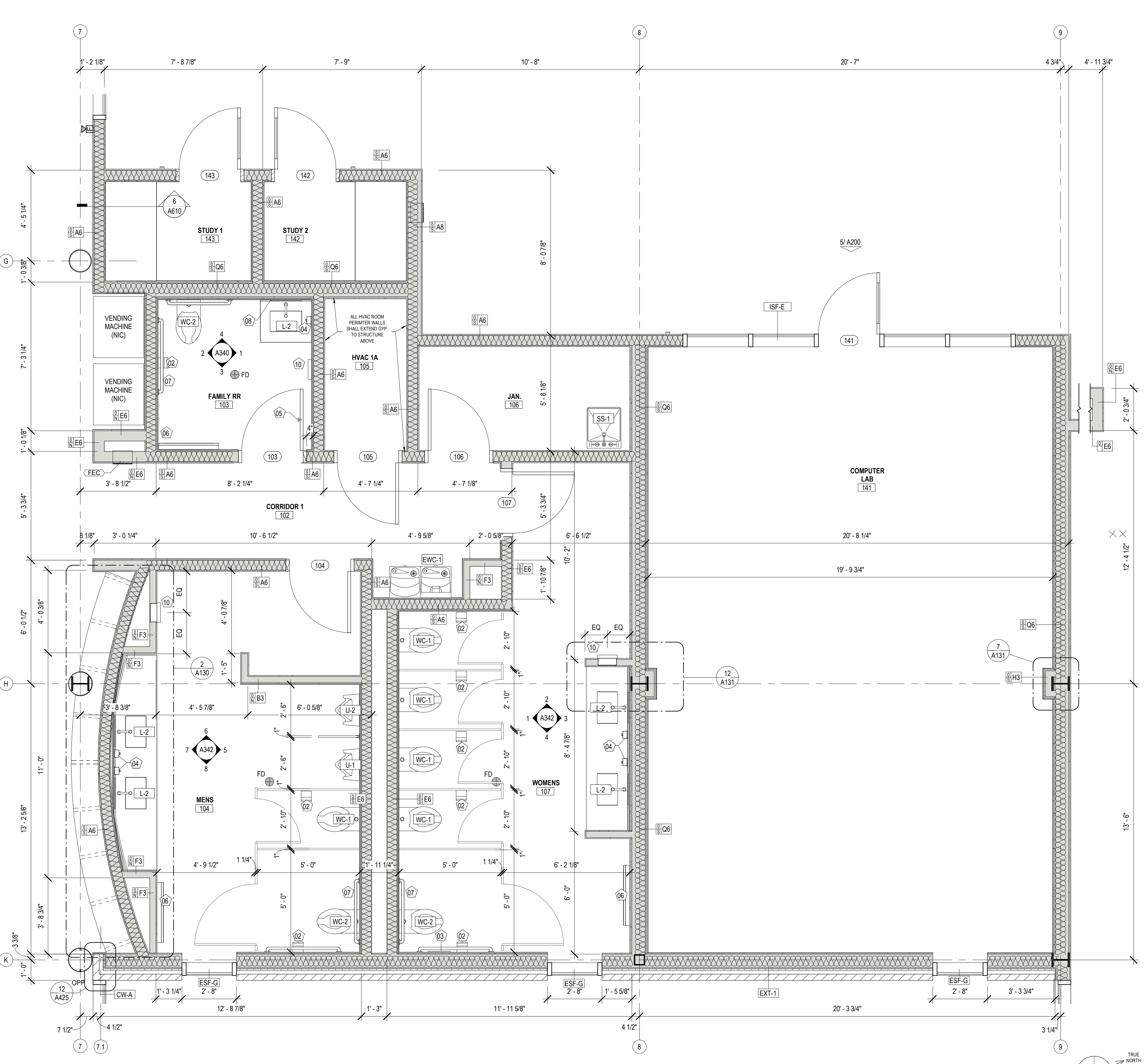
MARK	DESCRIPTION	MANUFACTURER	MODEL #	Type	Comments
01	PAPER TOWEL DISPENSER / WASTE RECEPTACLE	BOBRICK WASHROOM EQUIPMENT, INC.	B-3942	Toilet Accessory	
02	TOILET TISSUE DISPENSER	BOBRICK WASHROOM EQUIPMENT, INC.	B-2888	Toilet Accessory	
03	SANITARY NAPKIN DISPOSAL	BOBRICK WASHROOM EQUIPMENT, INC.	B-35139	Toilet Accessory	
04	SOAP DISPENSER	BOBRICK WASHROOM EQUIPMENT, INC.	B-2111	Toilet Accessory	
05	COAT HOOK	BOBRICK WASHROOM EQUIPMENT, INC.	B-670	Toilet Accessory	
06	BABY CHANGING STATION	BOBRICK WASHROOM EQUIPMENT, INC.	K8200-05SS	Toilet Accessory	
07	36" & 42" GRAB BAR	BOBRICK WASHROOM EQUIPMENT, INC.	B-680	Toilet Accessory	
08	GLASS MIRROR W/ SS FRAME - 18" W x 30" H	BOBRICK WASHROOM EQUIPMENT, INC.	B-290 1830	Toilet Accessory	
09	GLASS MIRROR W/ SS FRAME - 24" W x 30" H	BOBRICK WASHROOM EQUIPMENT, INC.	B-165 2430	Toilet Accessory	
10	ELECTRIC HAND DRYER	BOBRICK WASHROOM EQUIPMENT, INC.	B-3725 115V	Toilet Accessory	



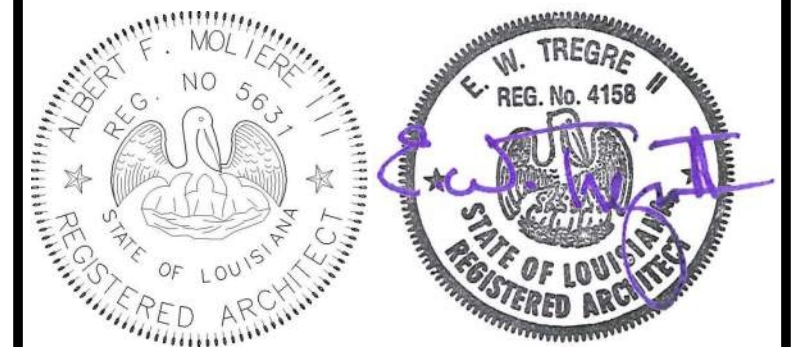
1 ENLARGED PLAN - STAFF RESTROOM 1 & 2
A130 3/8" = 1'-0"



2 ENL. PLAN - MENS RESTROOM
A130 1" = 1'-0"



3 ENLARGED PLAN - PARTIAL FLOOR PLAN
A130 3/8" = 1'-0"



No.	Description	Date

KEY PLAN

Mathes Brierre + /BM
ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
A JOINT VENTURE
201 St. Charles Avenue, Forty First Floor
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Voice: 504.586.9303 Fax: 504.582.1305
300 Heymann Blvd.
Lafayette, Louisiana 70503
337.233.0614

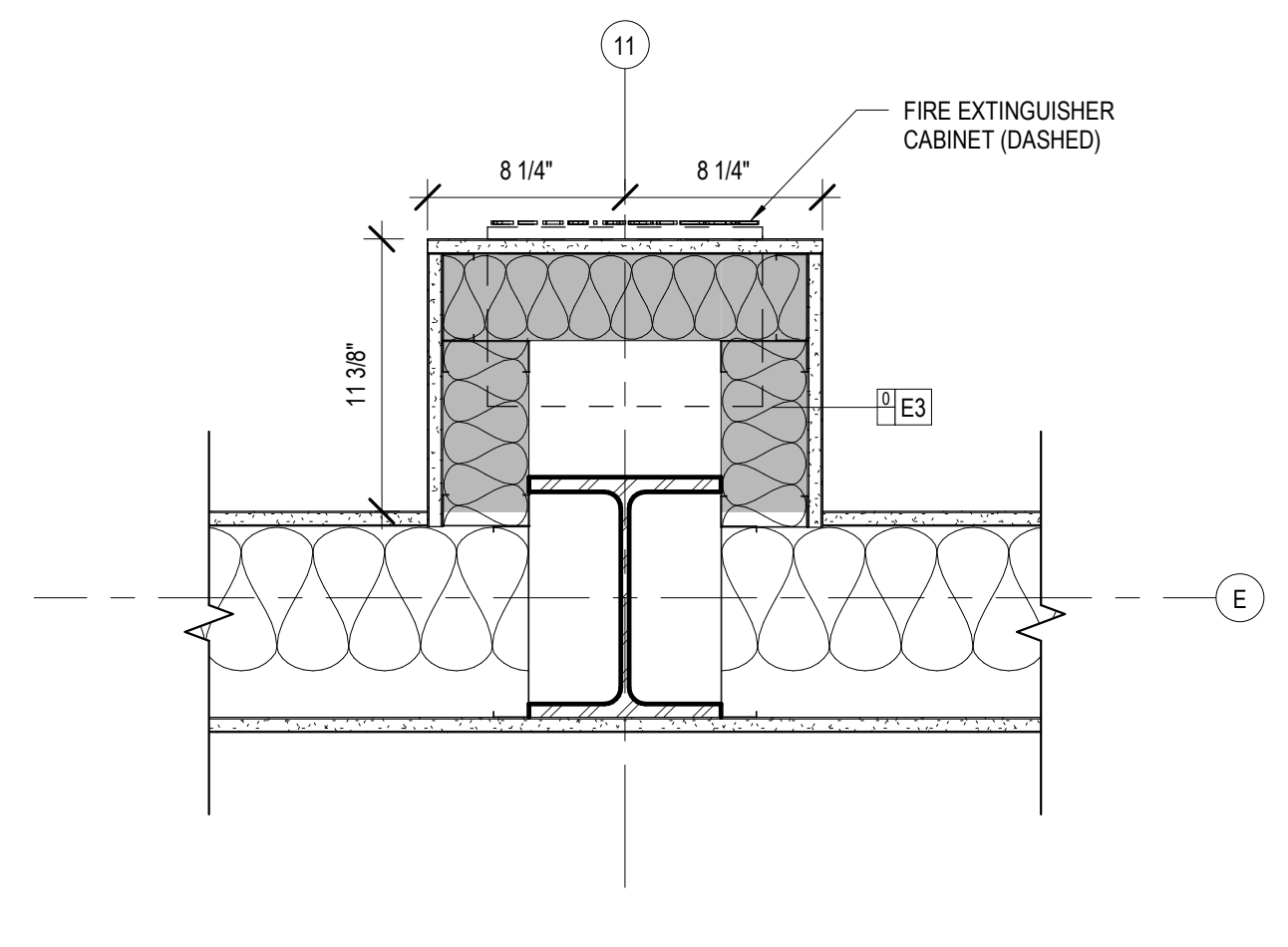
PROJECT TITLE

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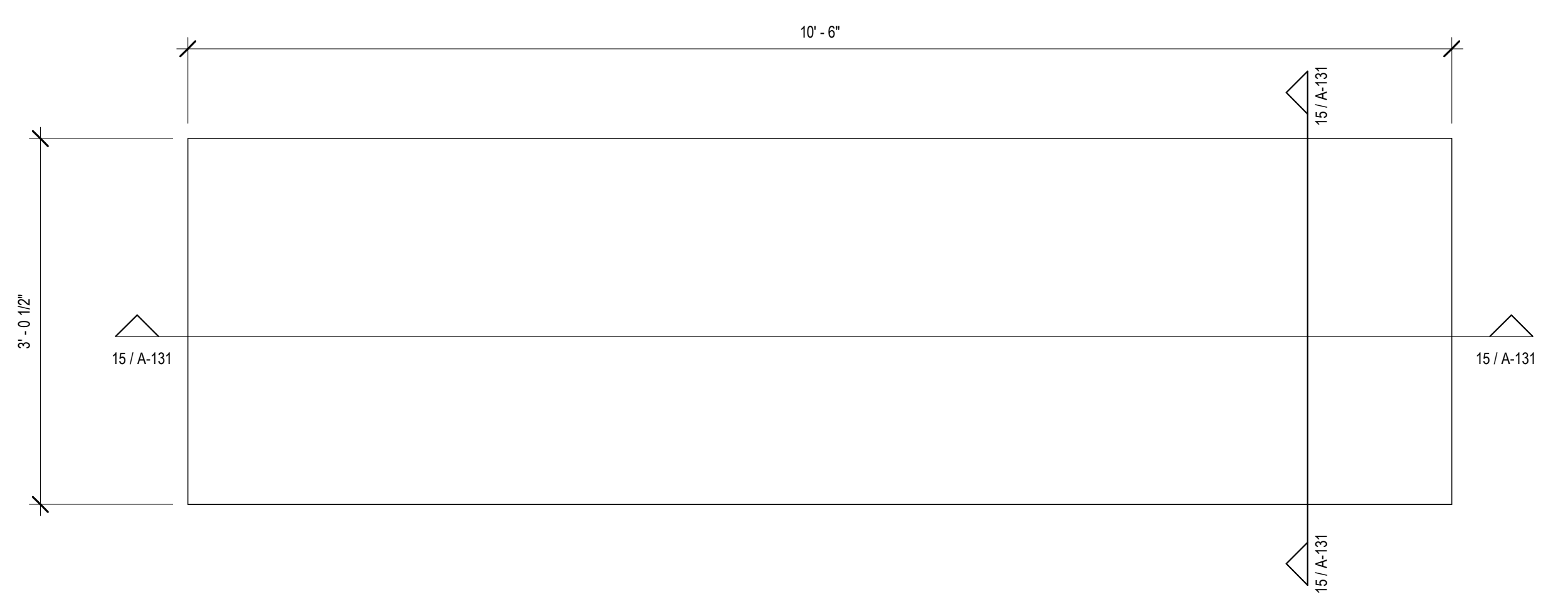
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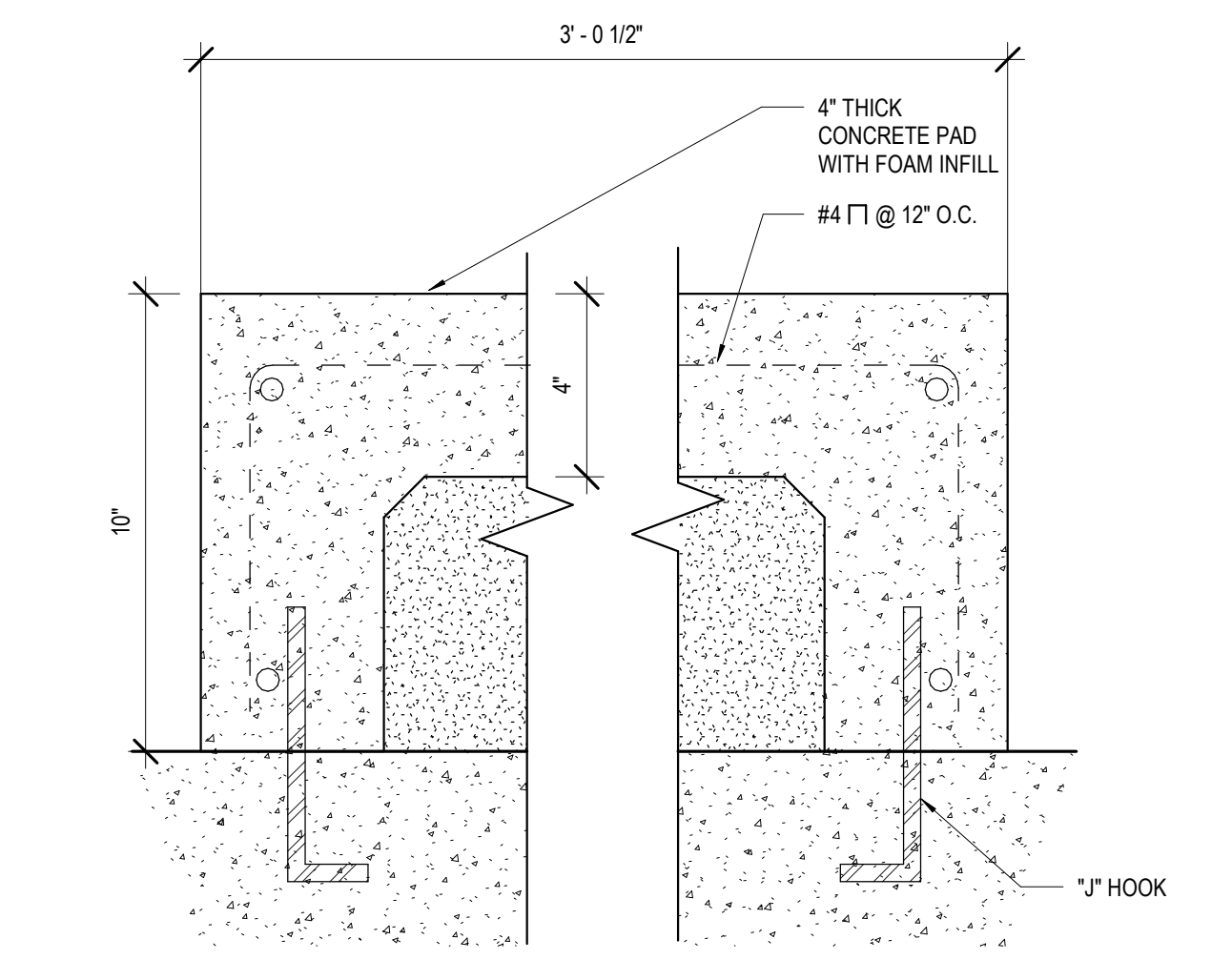
DESIGNED BY	MBA/ABM	CHECKED BY	PP
DRAWN BY	CF/RZ	DATE	05.05.2023
SHEET TITLE	ENLARGED PLANS / DETAILS		
PROJECT NO.	MBA - 11884	SHEET NO.	A130
	ABM - 201813		



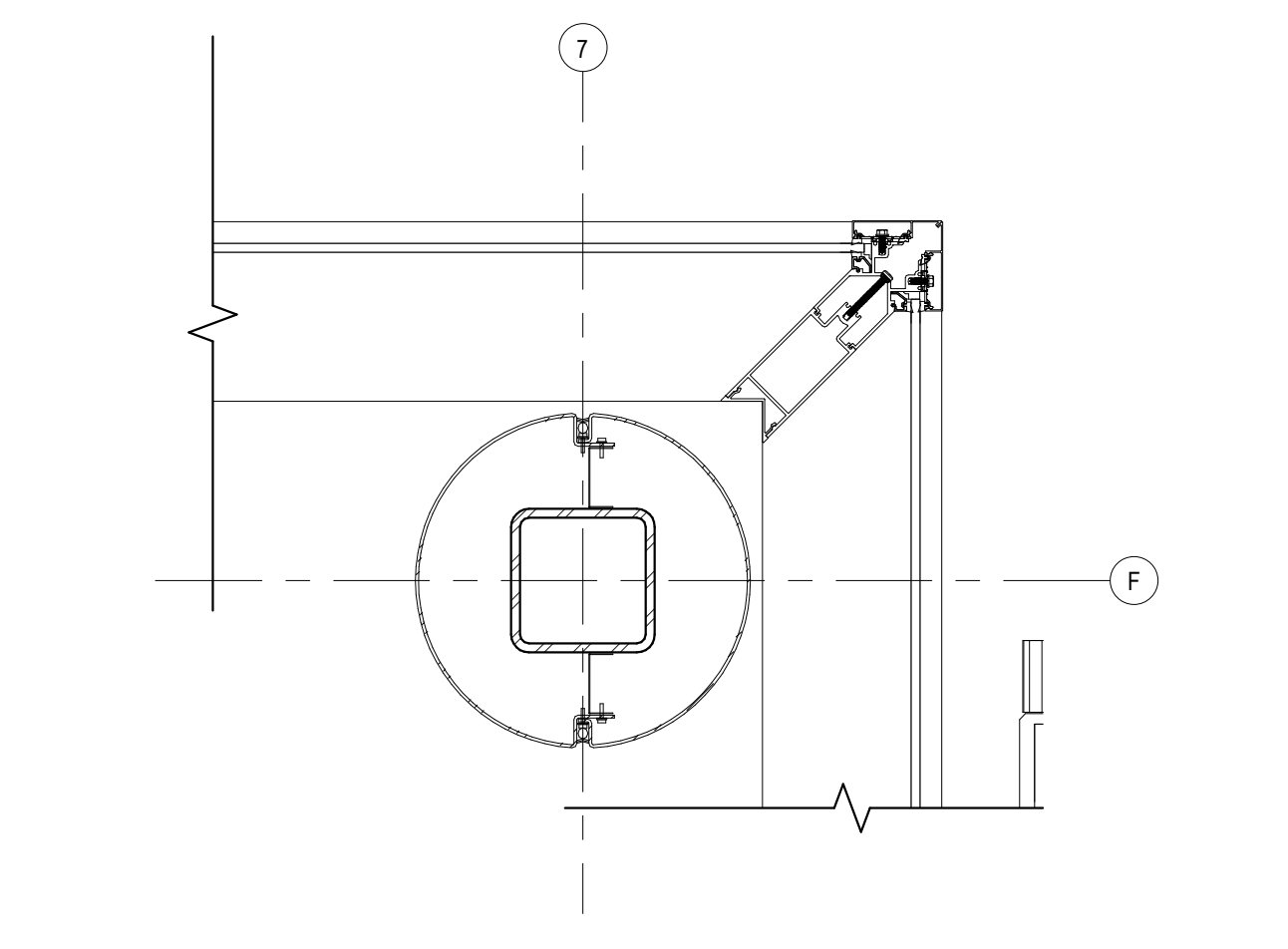
13 PLAN DETAIL - COLUMN 11/E
A131



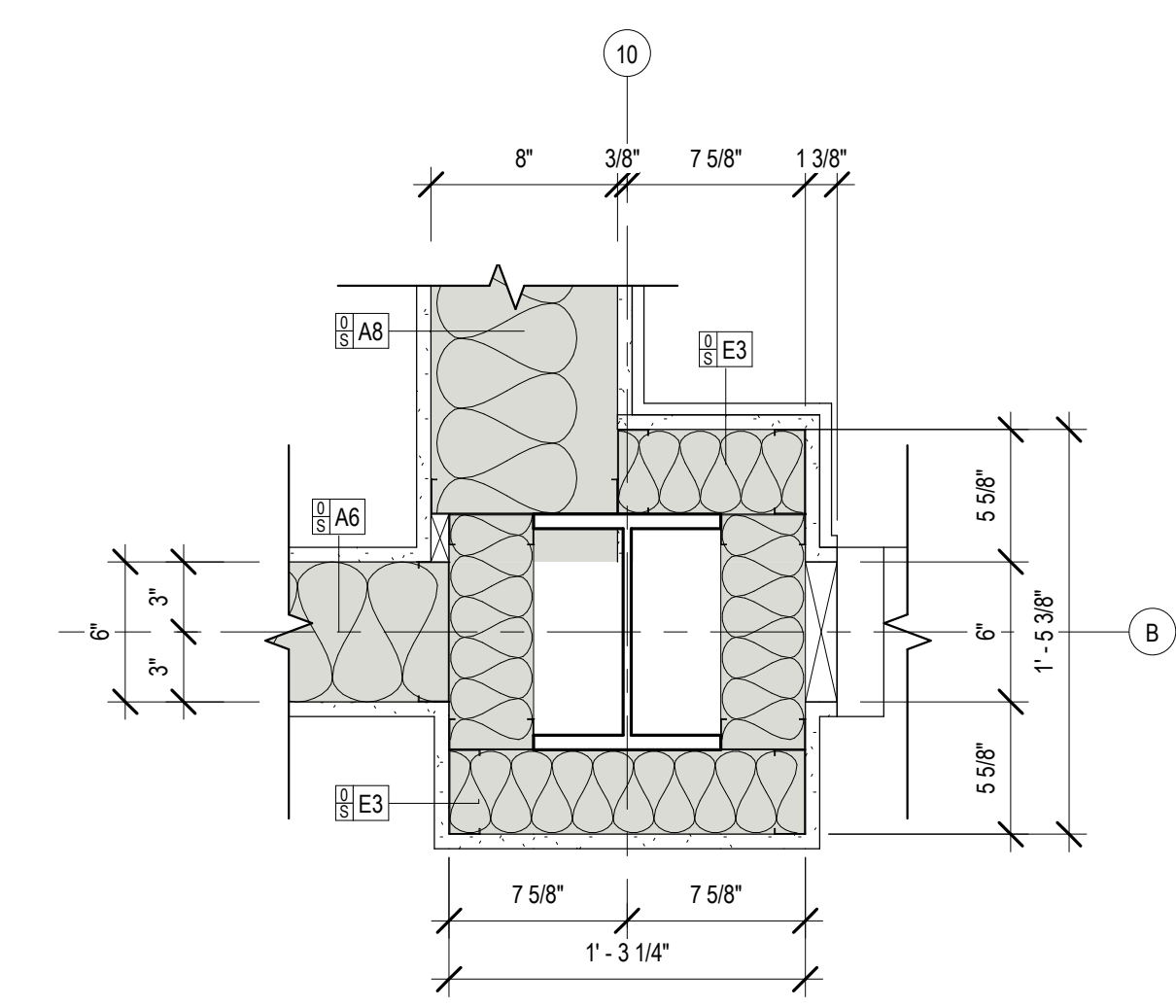
14 DATA ROOM RACK PLATFORM PLAN
A131



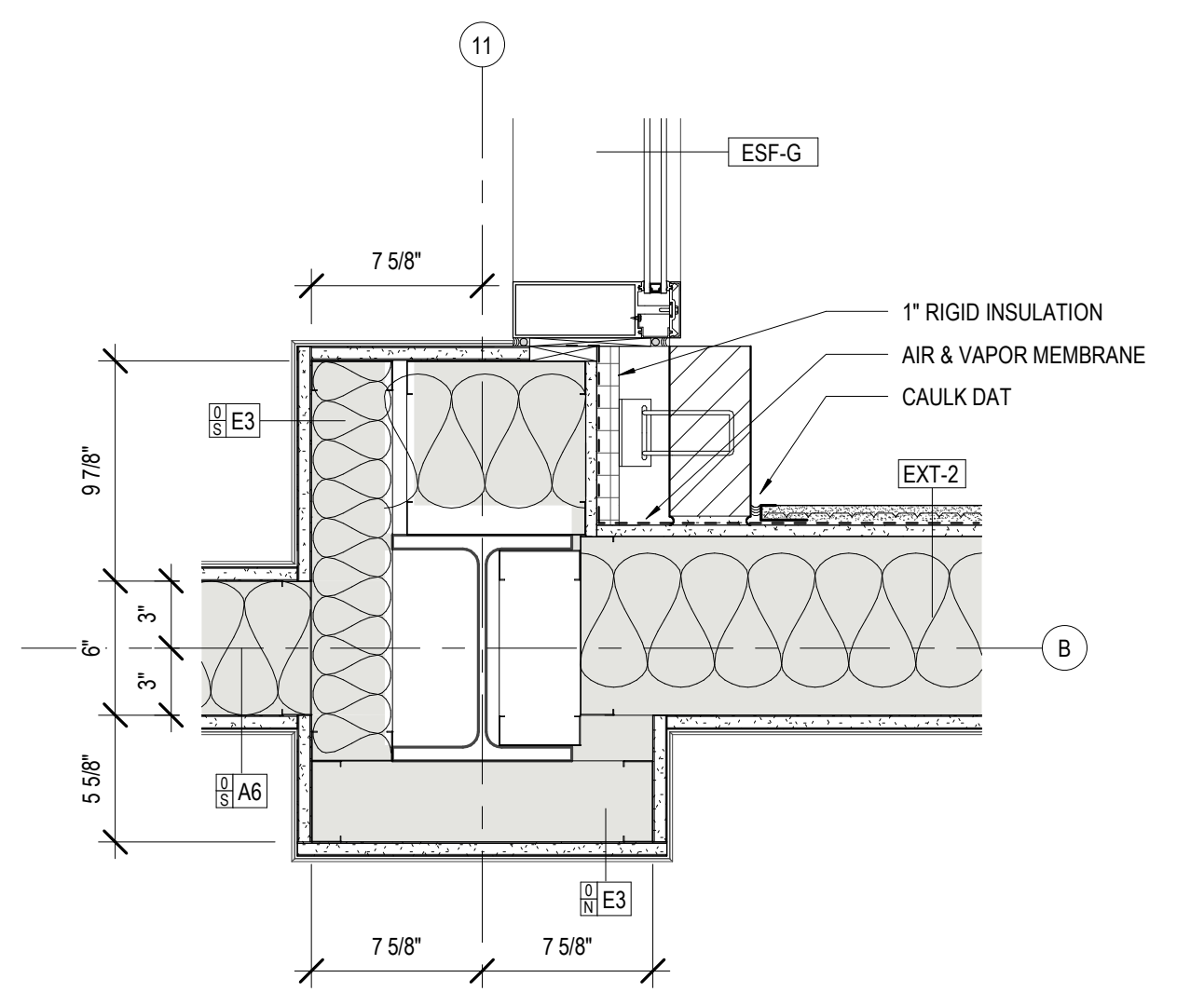
15 PLATFORM SECTION
A131



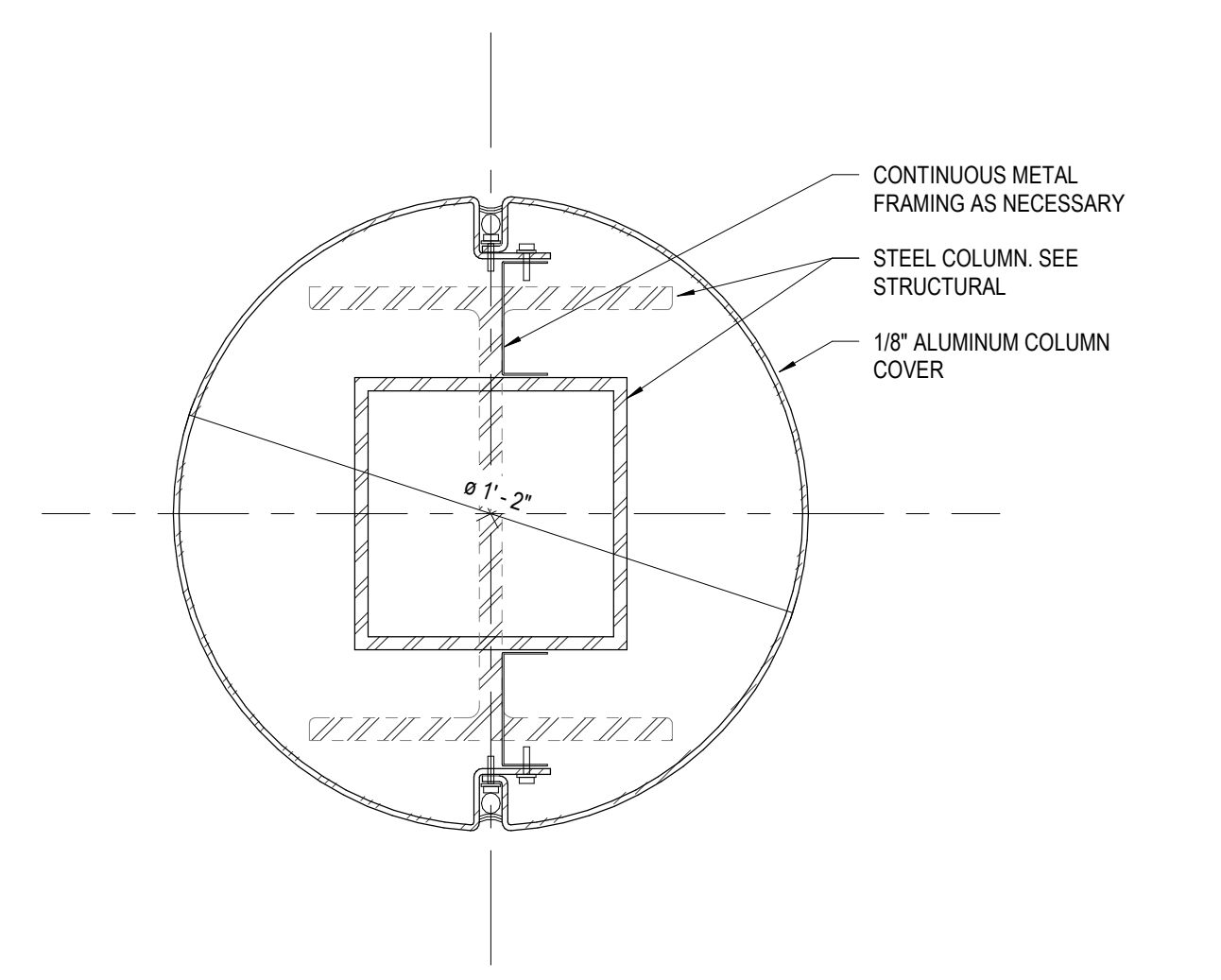
8 LOBBY COLUMN @ STOREFRONT
A131



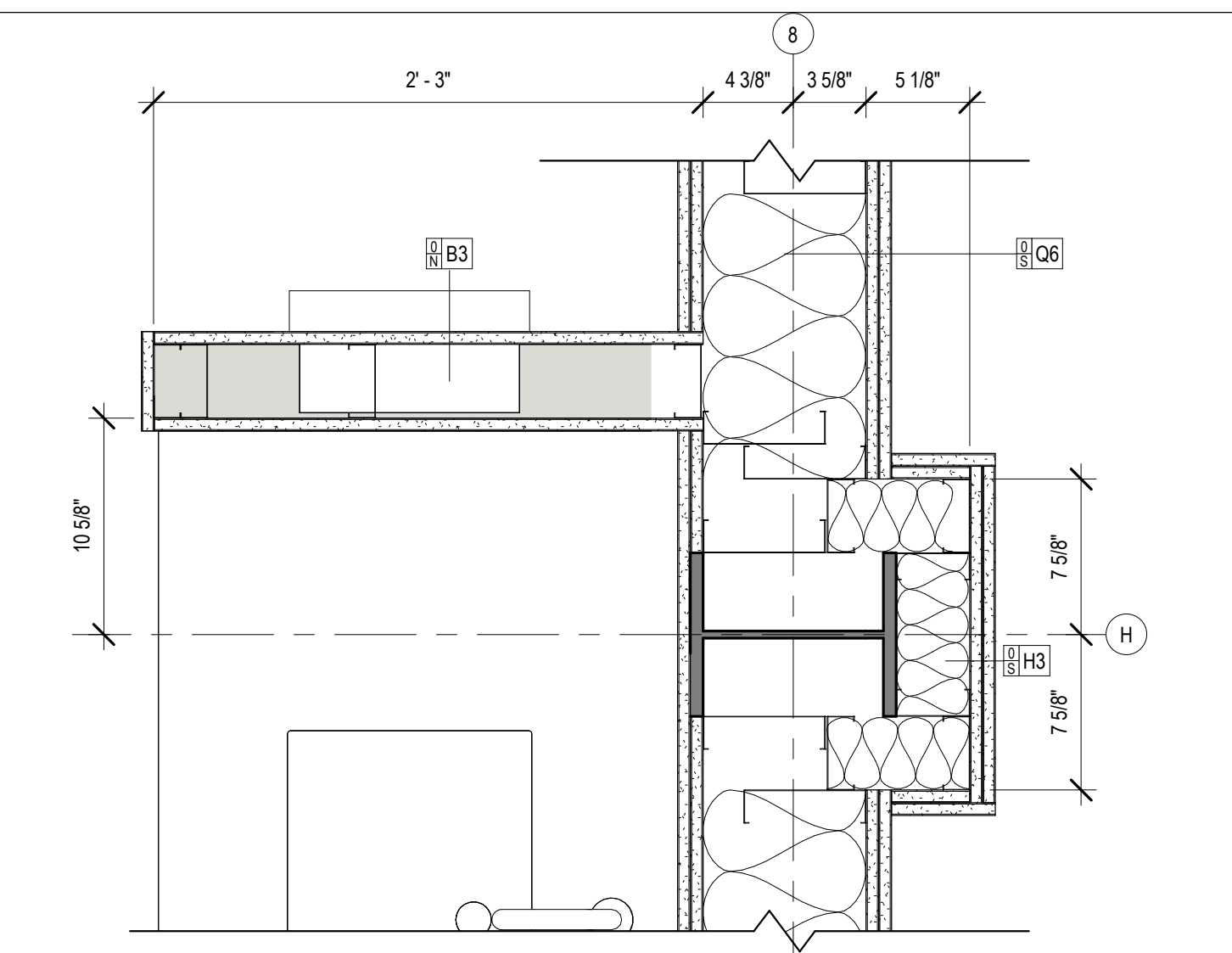
9 PLAN DETAIL - COLUMN 10/B
A131 1 1/2" = 1'-0"



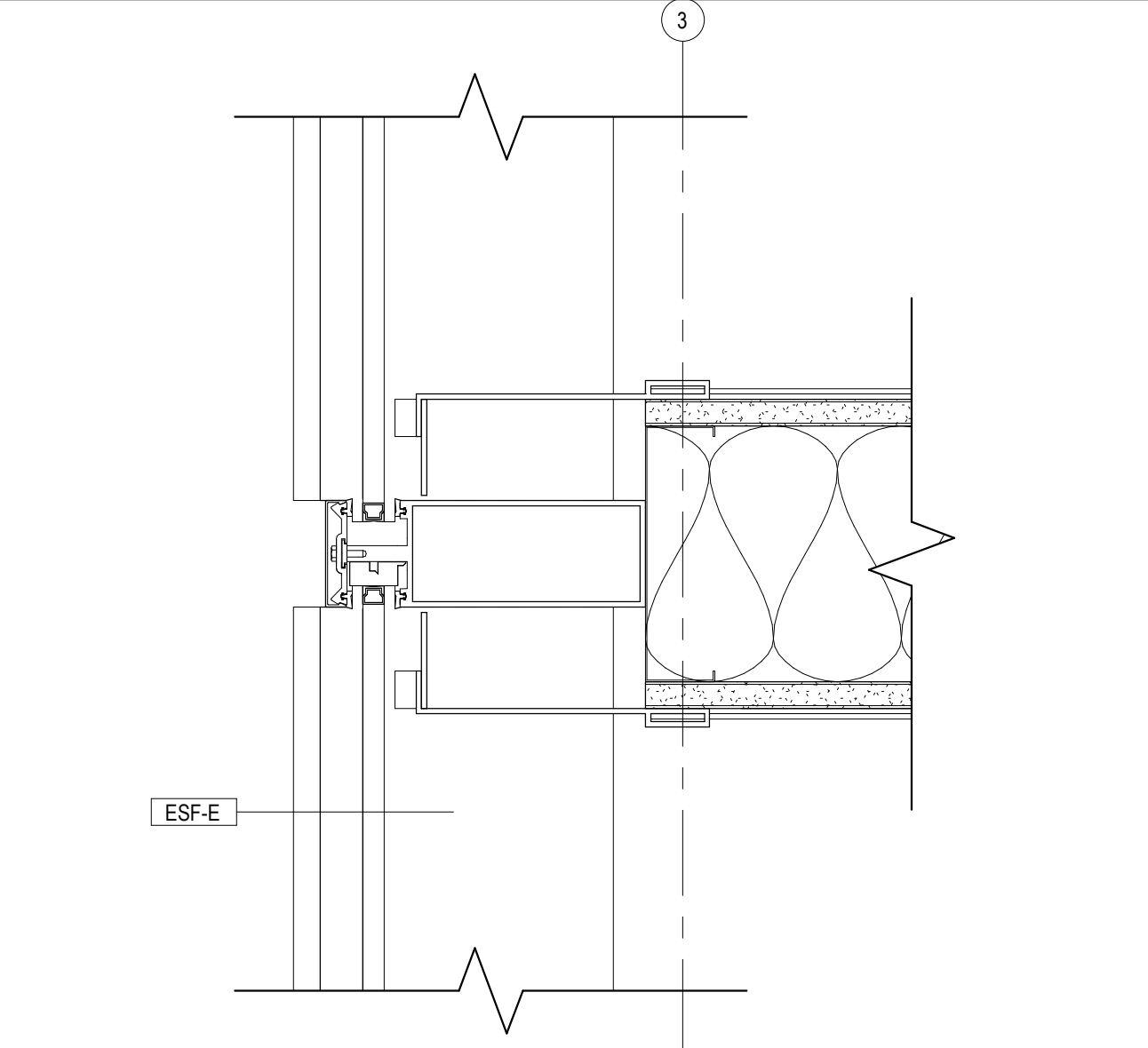
10 PLAN DETAIL - COLUMN 11/B
A131 1 1/2" = 1'-0"



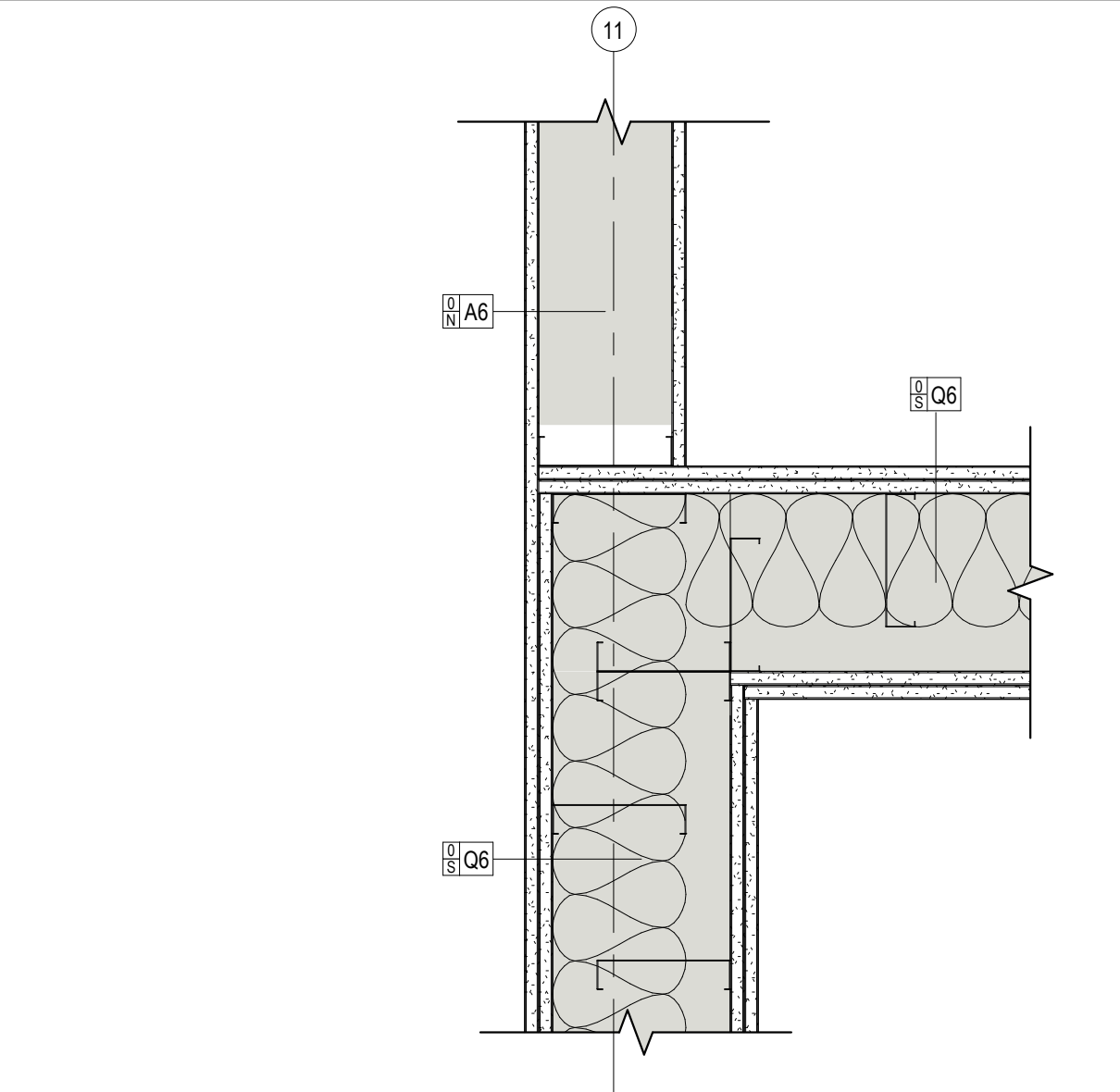
11 DETAIL - TYP. COLUMN WRAP
A131 3" = 1'-0"



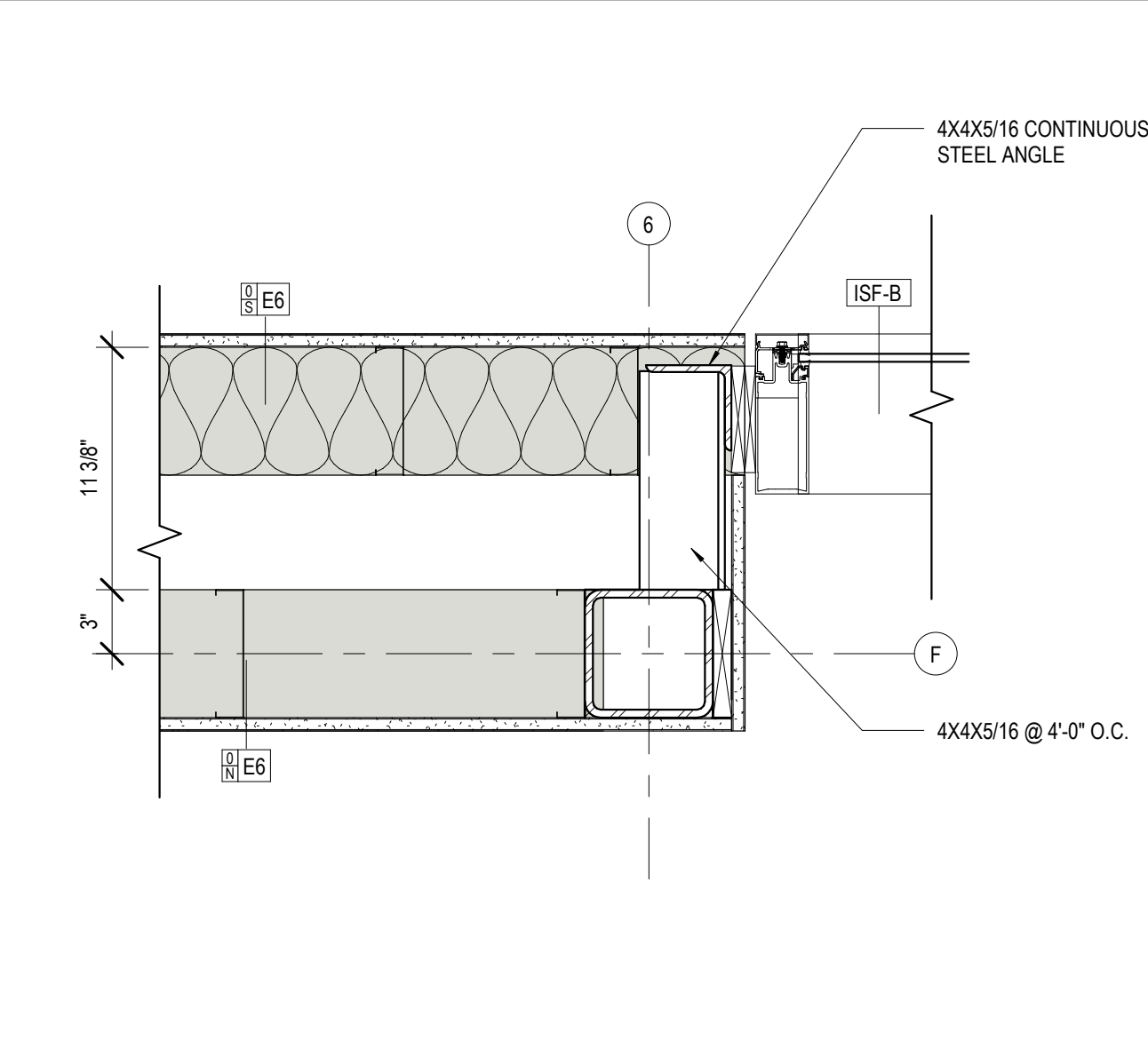
12 PLAN DETAIL - COLUMN 8/H
A131 1 1/2" = 1'-0"



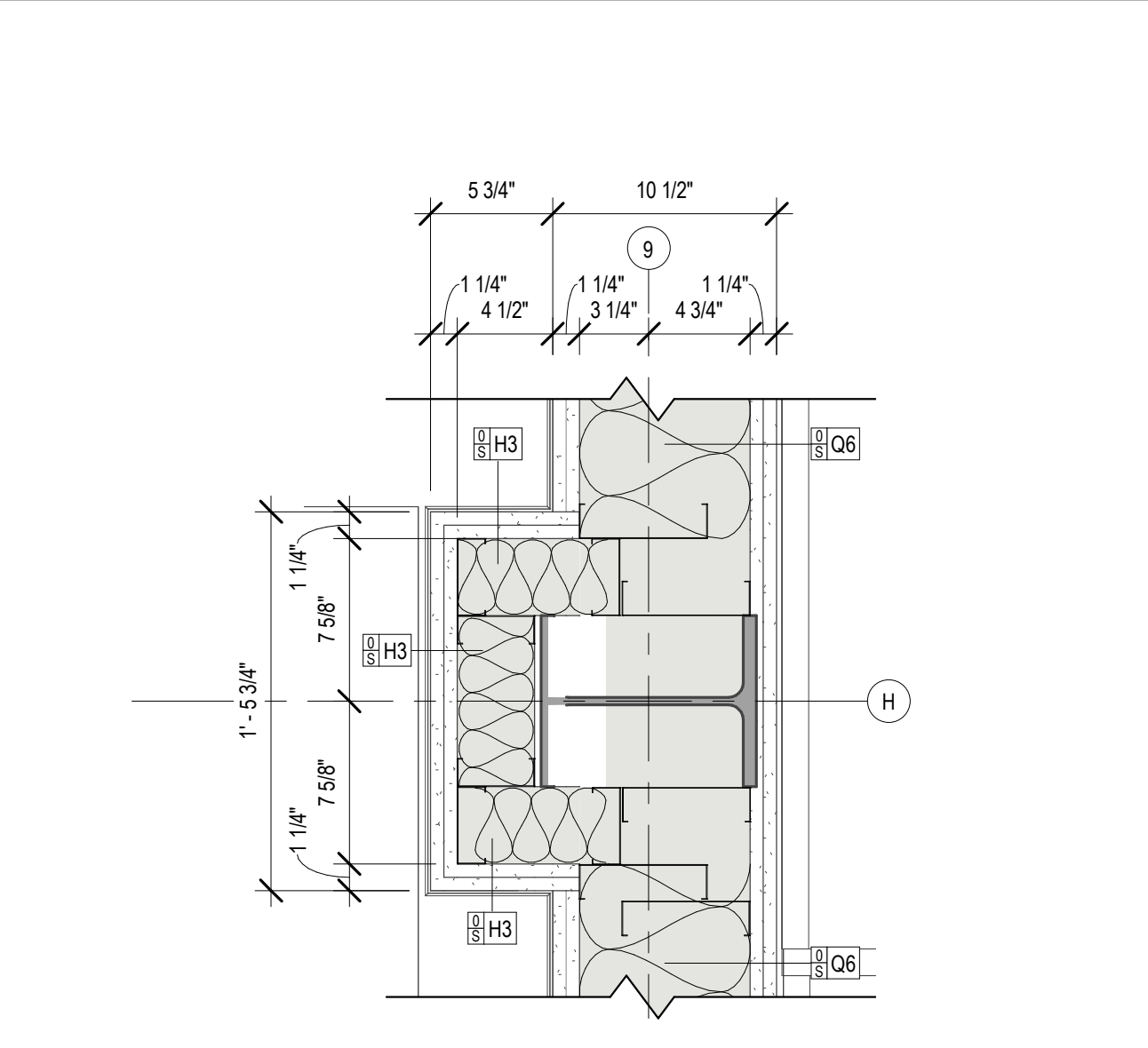
4 WALL CLOSURE @ CURTAIN WALL
A131 3" = 1'-0"



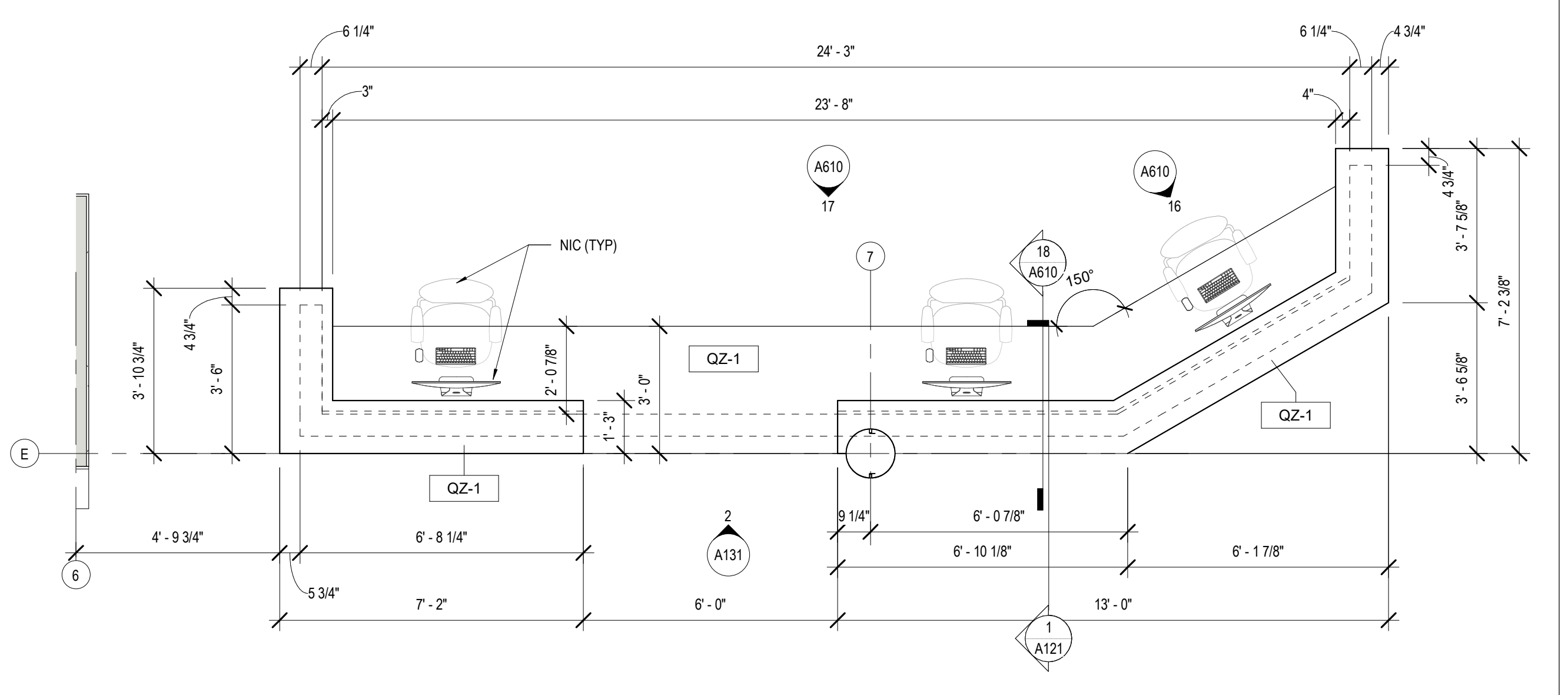
5 ACOUSTIC WALL TRANSITION
A131 1 1/2" = 1'-0"



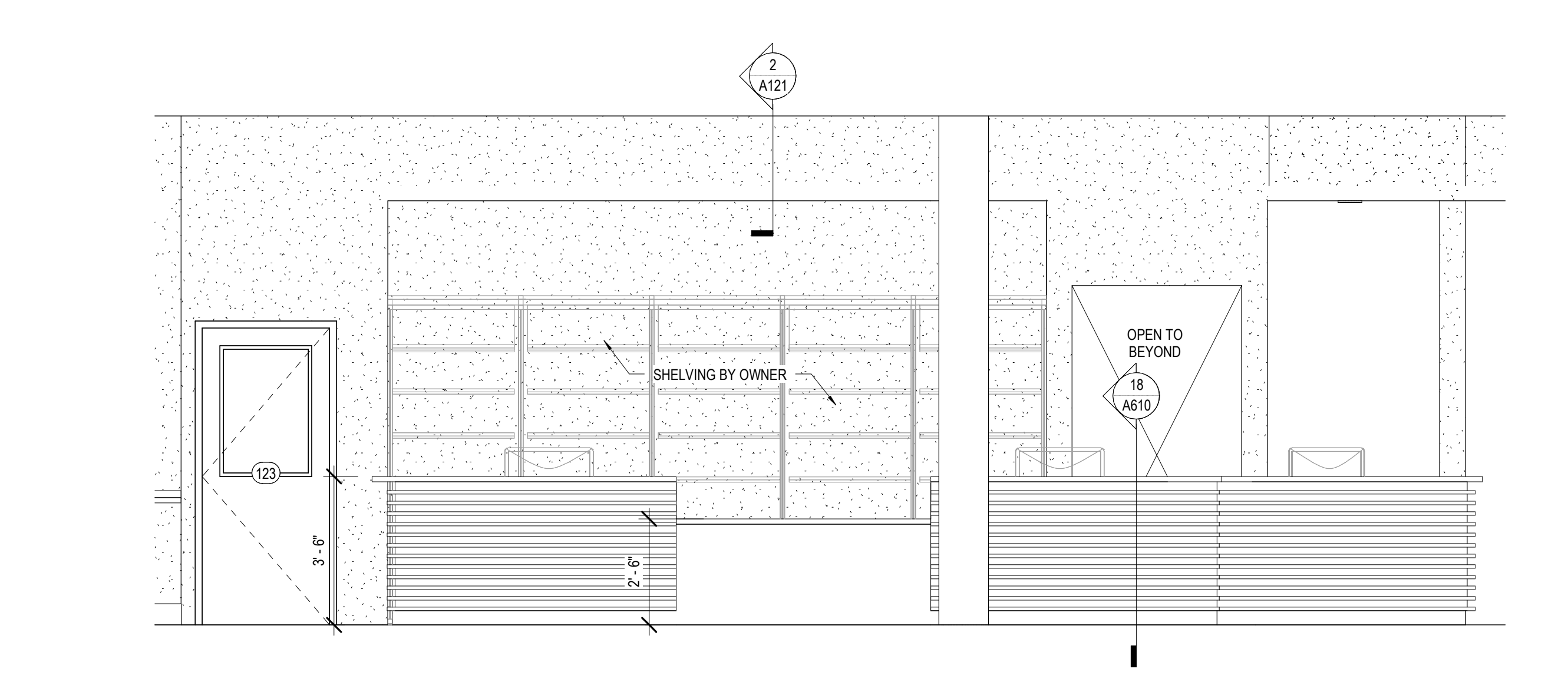
6 LOBBY COLUMN @ STOREFRONT
A131 1 1/2" = 1'-0"



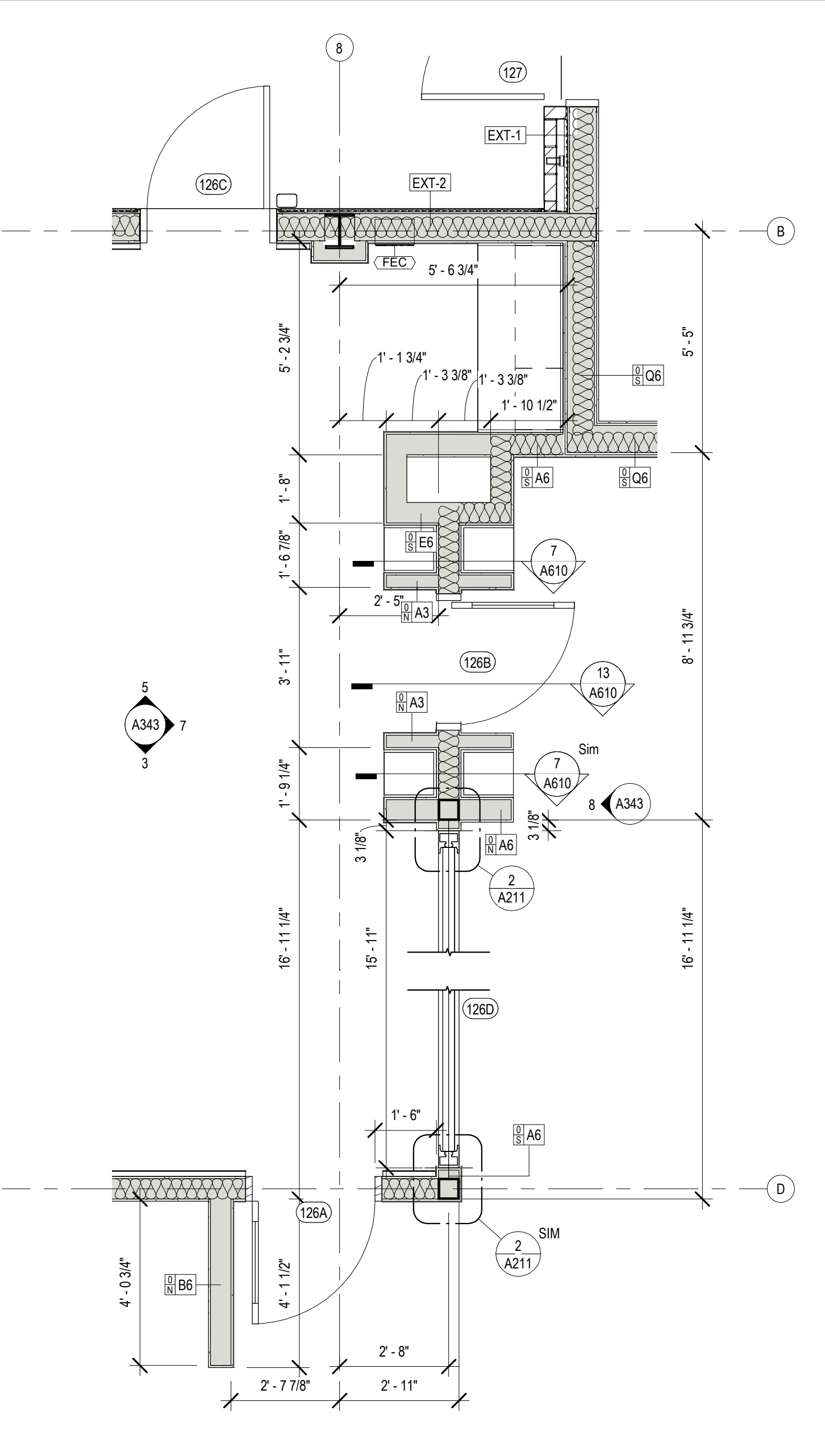
7 PLAN DETAIL - COLUMN 9/H
A131 1 1/2" = 1'-0"



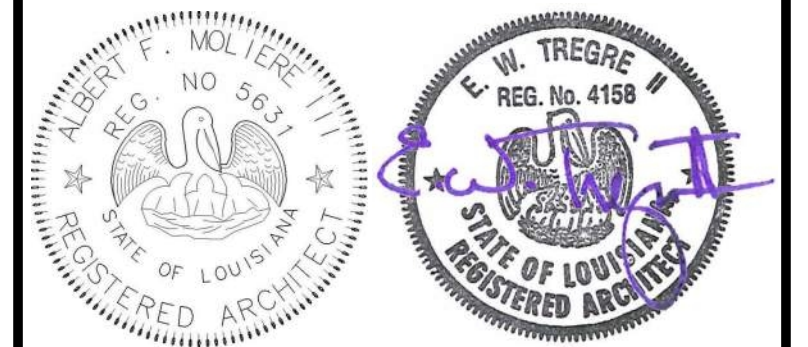
1 ENLARGED PLAN - CHECKOUT DESK
A131 3/8" = 1'-0"



2 CHECK OUT ELEV
A131 3/8" = 1'-0"



3 ENLARGED PLAN - CHILDREN'S ENTRANCE
A131 3/8" = 1'-0"



No.	Description	Date

KEY PLAN

Mathes Brierre + MBM
ARCHITECTS ARCHITECTS BEAZLEY MOIERE
A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
New Orleans, Louisiana 70170-4100
Voice: 504. 586. 9303. Fax: 504. 582. 1305

300 Heymann Blvd.
Lafayette, Louisiana 70503
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PROJECT TITLE

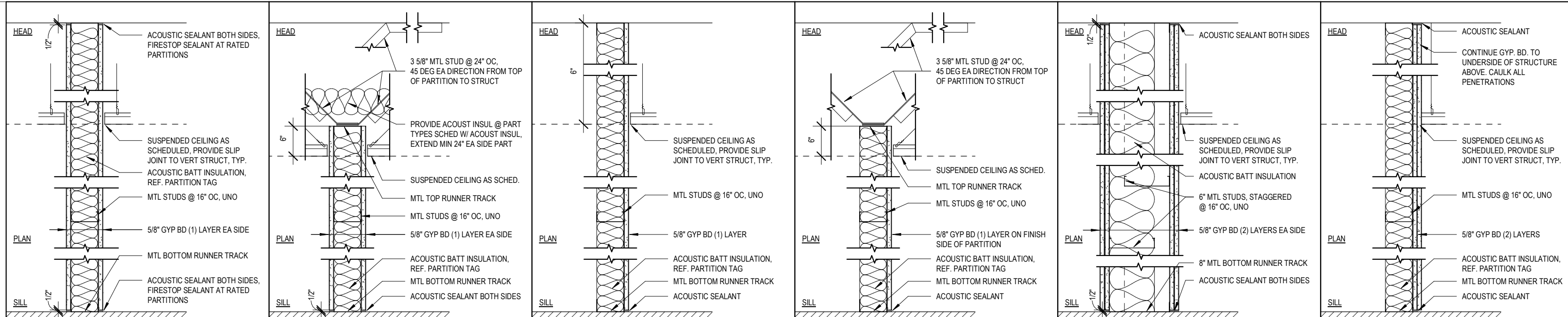
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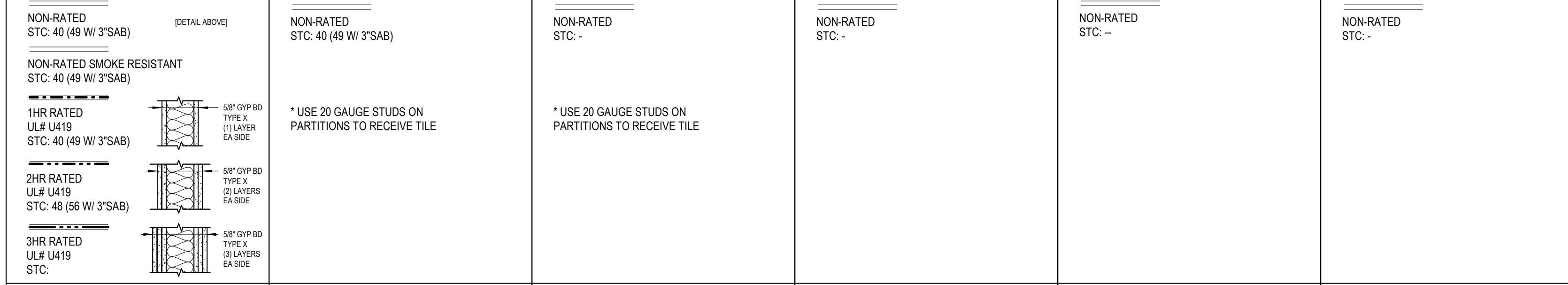
PERMIT DOCUMENTS

DESIGNED BY	MBA/ABM	CHECKED BY	PP
DRAWN BY	CF/RZ	DATE	05.05.2023
SHEET TITLE ENLARGED PLANS / DETAILS			
PROJECT NO.	MBA - 11884	SHEET NO.	A131
	ABM - 201813		

PARTITION TYPES

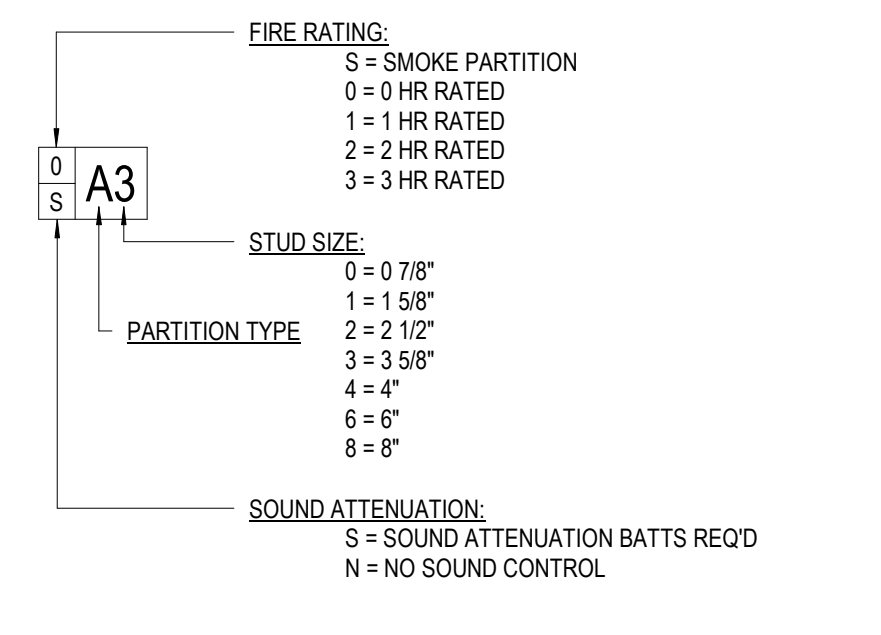


FULL HEIGHT PARTITION 6\"/>



A			B			E			F			Q			H		
TYPE	STUD SIZE	TOTAL WIDTH	TYPE	STUD SIZE	TOTAL WIDTH	TYPE	STUD SIZE	TOTAL WIDTH	TYPE	STUD SIZE	TOTAL WIDTH	TYPE	STUD SIZE	TOTAL WIDTH	TYPE	STUD SIZE	TOTAL WIDTH
A2	2 1/2"	3 3/4" 5" 6 1/4"	B2	2 1/2"	3 3/4"	E1	1 5/8"	2 1/4"	F1	1 5/8"	2 1/4"	Q6	6"	10 1/2"	H1	1 5/8"	2 7/8"
A3	3 5/8"	4 7/8" 6 1/8" 7 3/8"	B3	3 5/8"	4 7/8"	E2	2 1/2"	3 1/8"	F2	2 1/2"	3 1/8"				H2	2 1/2"	3 3/4"
A4	4"	5 1/4" 6 1/2" 7 3/4"	B4	4"	5 1/4"	E3	3 5/8"	4 1/4"	F3	3 5/8"	4 1/4"				H3	3 5/8"	4 7/8"
A6	6"	7 1/4" 8 1/2" 9 3/4"	B6	6"	7 1/4"	E4	4"	4 5/8"	F4	4"	4 5/8"				H4	4"	5 1/4"
A8	8"	9 1/4" 10 1/2" 11 3/4"	B8	8"	9 1/4"	E6	6"	6 5/8"	F6	6"	6 5/8"				H6	6"	7 1/4"

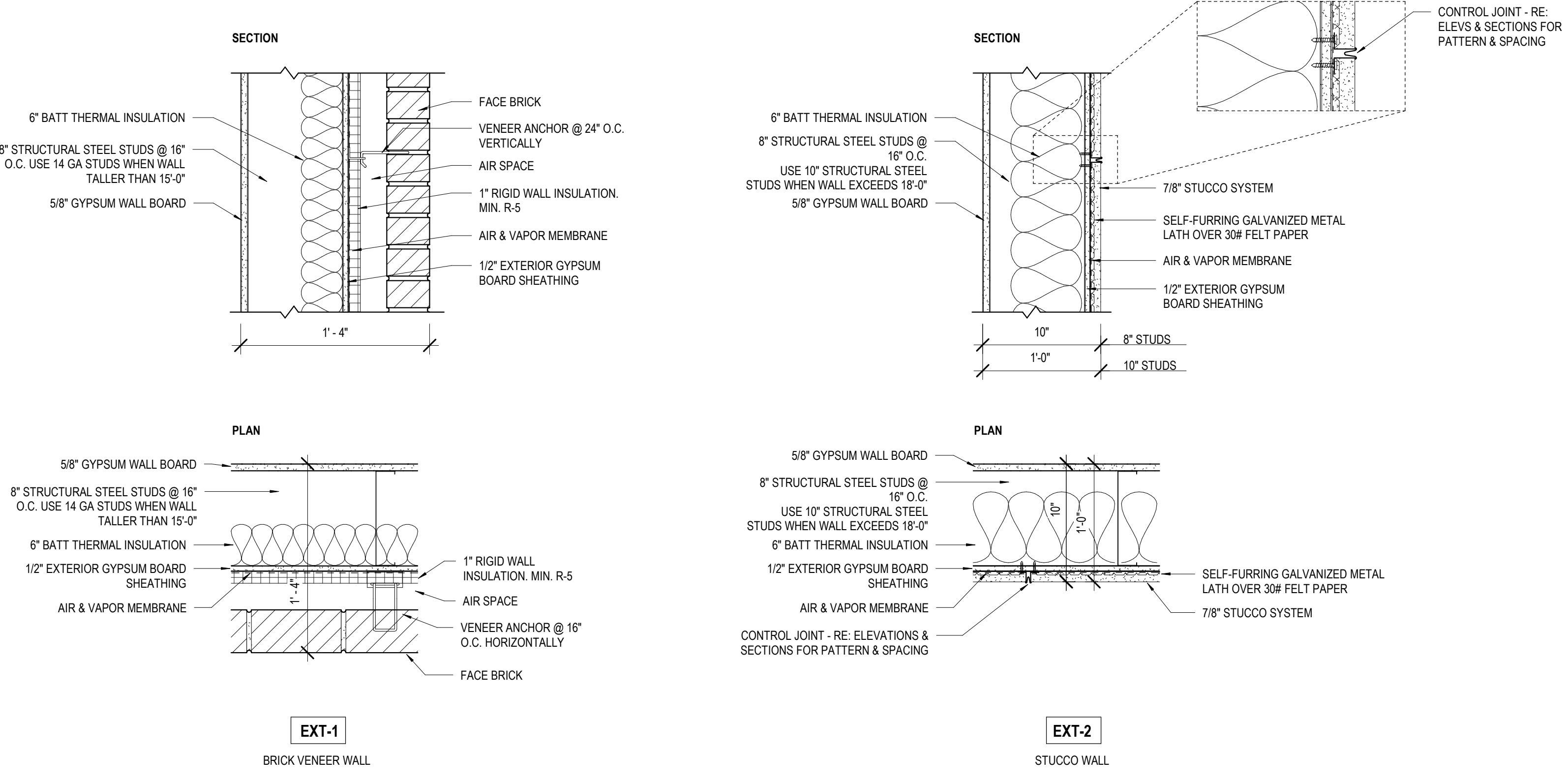
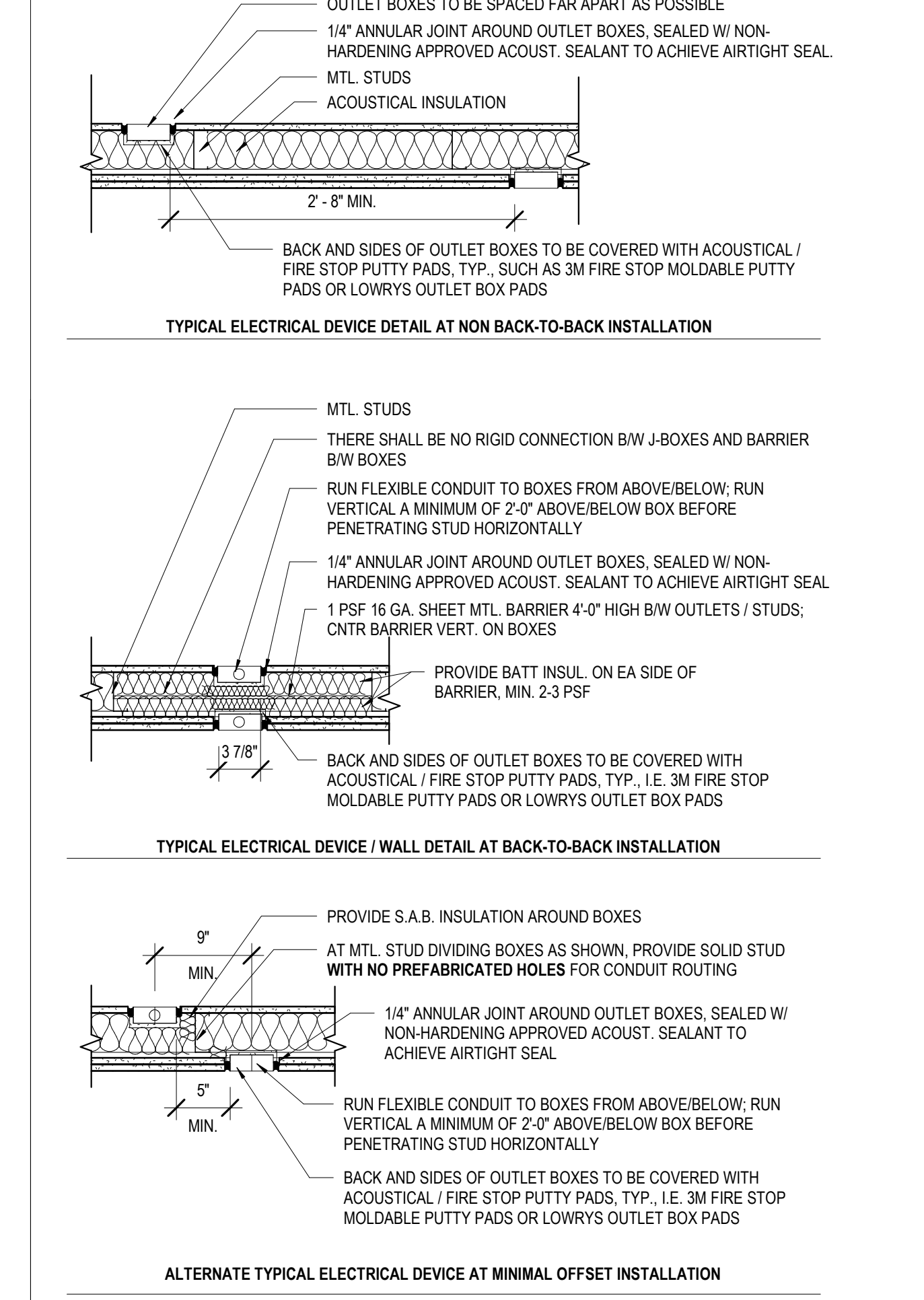
PARTITION TAG LEGEND



PARTITION NOTES

- LINE OF "STRUCTURE" AS SHOWN AT PARTITION TYPE HEAD CONDITIONS IS DIAGRAMMATIC ONLY AND DOES NOT INDICATE EXACT CONSTRUCTION CONDITIONS. OFFSET PARTITION CONSTRUCTION AS NECESSARY TO EXTEND WALL TO DECK ABOVE & SEAL AS SHOWN.
- PROVIDE DEFLECTION TRACKS OR CLIPS FOR ALL PARTITIONS ABUTTING STRUCTURE ABOVE.
- EXTEND RATED PARTITIONS THROUGH THE INTERIOR FACE OF EXTERIOR WALL GYPSUM BOARD & SEAL TO THE INSIDE FACE OF THE EXTERIOR BUILDING WALL SHEATHING. REFER PARTITION INTERSECTION DRAWINGS.
- INTERIOR METAL STUD PARTITIONS ARE DIMENSIONED FROM FACE OF STUD.
- ROOMS W/ PARTITIONS TO RECEIVE SOUND ATTENUATION BLANKETS (SAB) ARE IDENTIFIED ON PLAN W/ AN "S" TO THE LEFT OF THE PARTITION TYPE. EXTEND SAB THE FULL LENGTH & HEIGHT OF ALL ROOM PERIMETER PARTITIONS TO PROVIDE A COMPLETE ROOM ENCLOSURE. NOTE THAT "SUB-ROOMS" MAY BE INCLUDED W/IN THE OVERALL PERIMETER SAB ENCLOSURE. U.N.O. PROVIDE 3" BATTS W/ MIN. 2.5 #/CF DENSITY. REFER TO SPECIFICATIONS FOR ACCEPTABLE SOUND ATTENUATION BATTS PRODUCTS.
- MAINTAIN THE FIRE-PROTECTION RATINGS FOR ALL OPENINGS IN RATED PARTITIONS.
- IDENTIFY ALL RATED PARTITIONS WITH LABELS LOCATED 6" ABOVE THE CEILING AT MAX. 10'-0" O.C. WITH 1 1/2" HIGH LETTERS. CLEARLY LEGIBLE & BRIGHTLY INDICATED AGAINST A CONTRASTING BACKGROUND.
- CONSTRUCT ALL CORRIDOR WALLS TO RESIST THE PASSAGE OF SMOKE. I.E., TO BE SMOKE TIGHT.
- WHERE THICKNESS VARIES BETWEEN TWO PARTITIONS IN AN UNINTERRUPTED CONTINUOUS WALL PLANE - OFFSET STUDS AND ALIGN FACE OF PARTITIONS.
- PROVIDE 20 GAUGE DOUBLE STUDS @ EACH DOOR & WINDOW JAMB.
- METAL STUD FRAMING - MIN. 22 GAUGE @ 16" O.C. U.N.O.
- BLOCKING: PROVIDE 16 GAGE SHEET METAL STRAP BLOCKING FOR ALL WALL MOUNTED ITEMS, U.N.O.
- PARTITIONS SHALL HAVE SEALANT AT THE HEAD, SILL, THROUGH PENETRATIONS, OPENINGS, AND JUNCTURES WITH DISSIMILAR AIR MATERIALS.
- REFER TO SPEC SECTION 01 81 XY (PERFORMANCE REQUIREMENTS - ACOUSTIC CONSIDERATIONS) FOR ADDITIONAL PROJECT REQUIREMENTS.

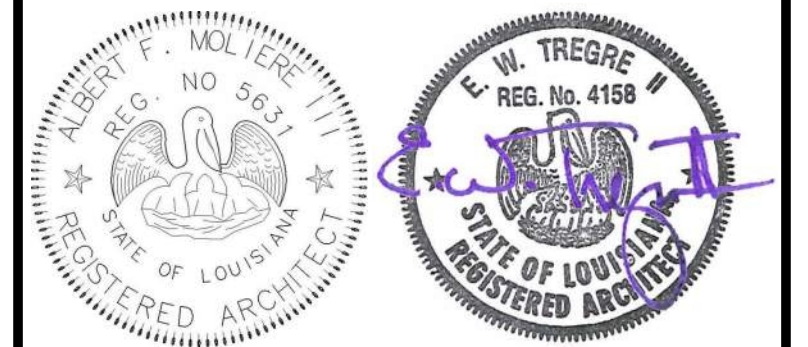
TYPICAL J-BOX MOUNTING DETAILS



EXTERIOR WALL TYPES

1 1/2" = 1'-0"

MATERIALS KEYING/ GENERAL NOTES



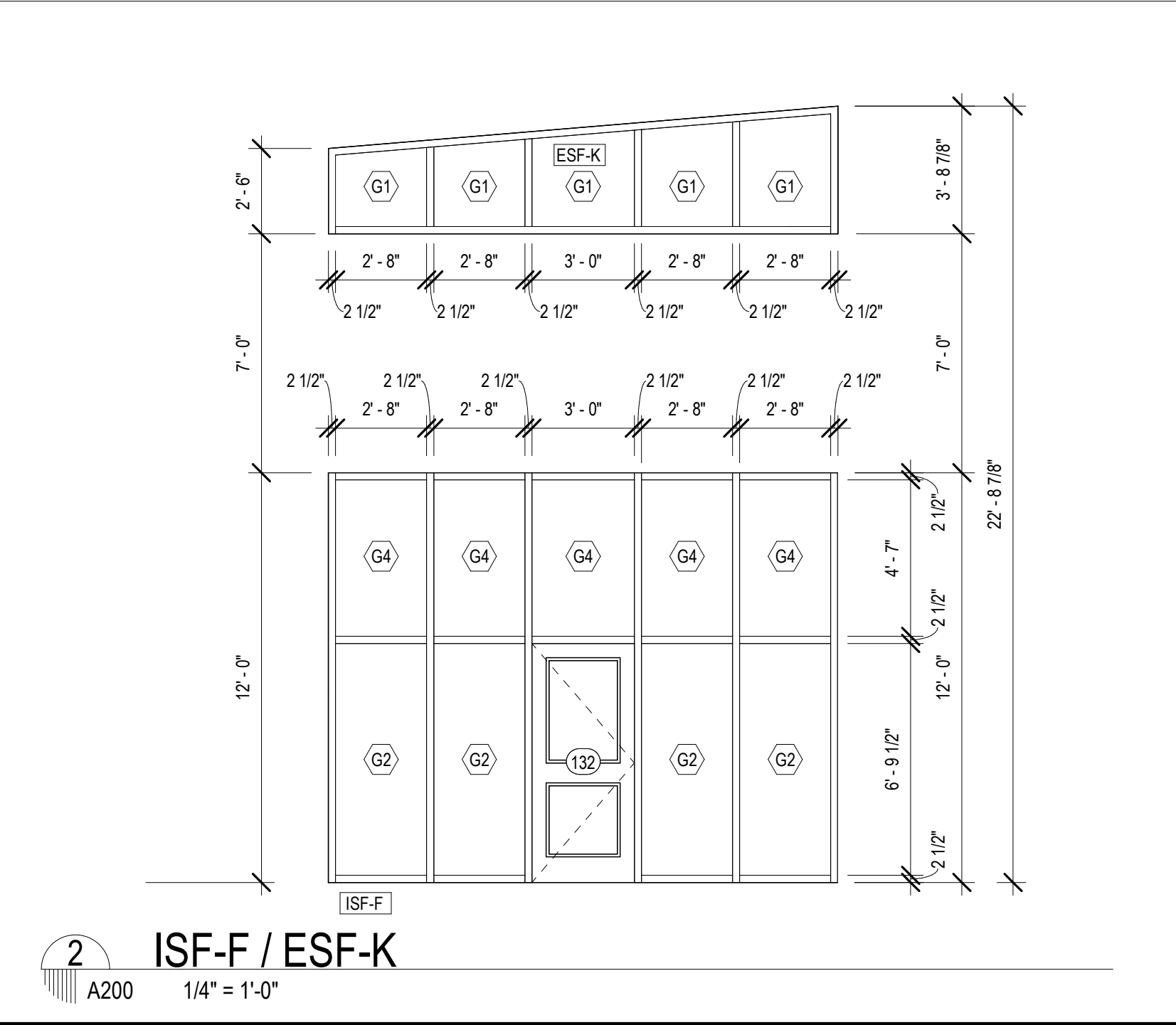
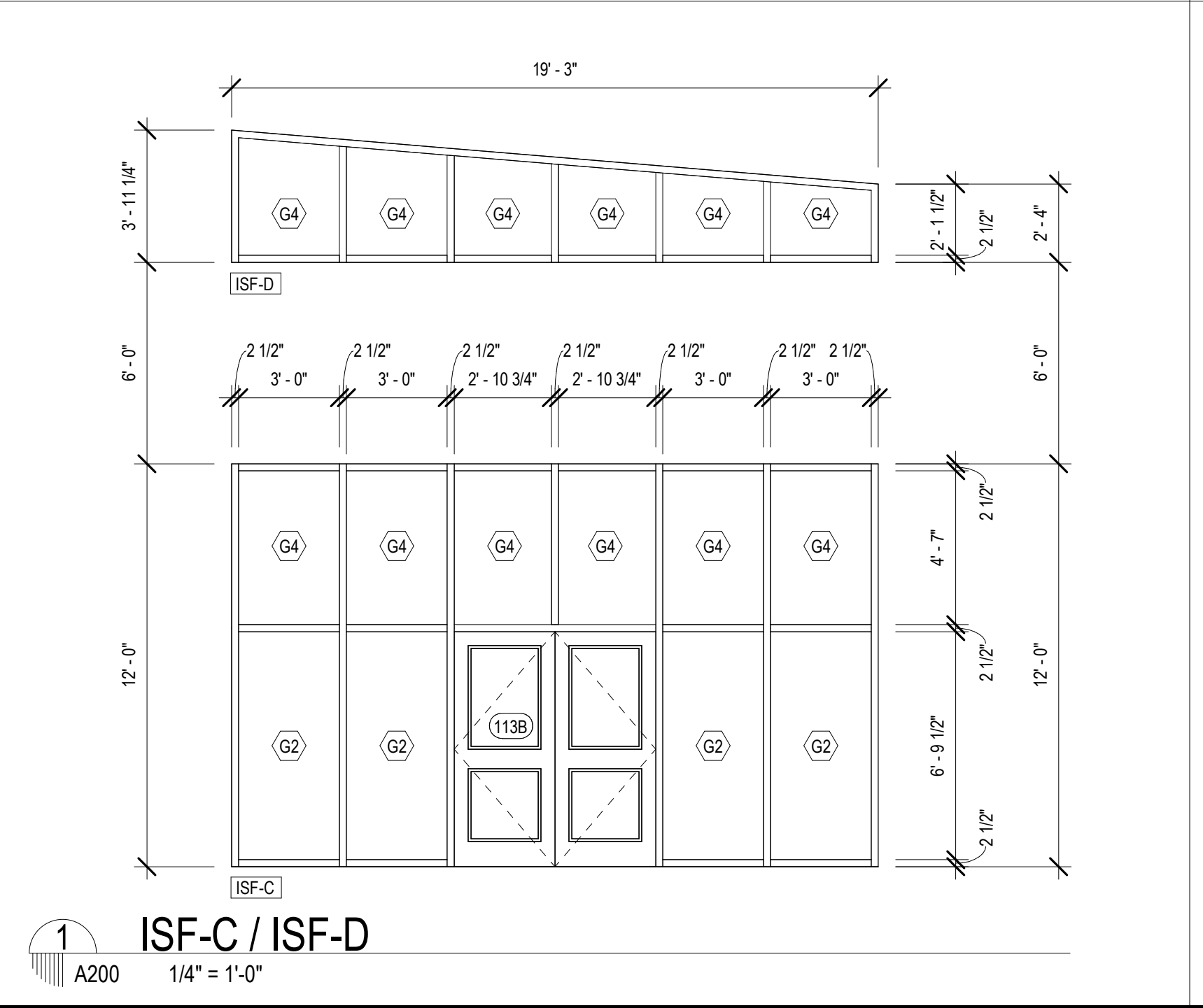
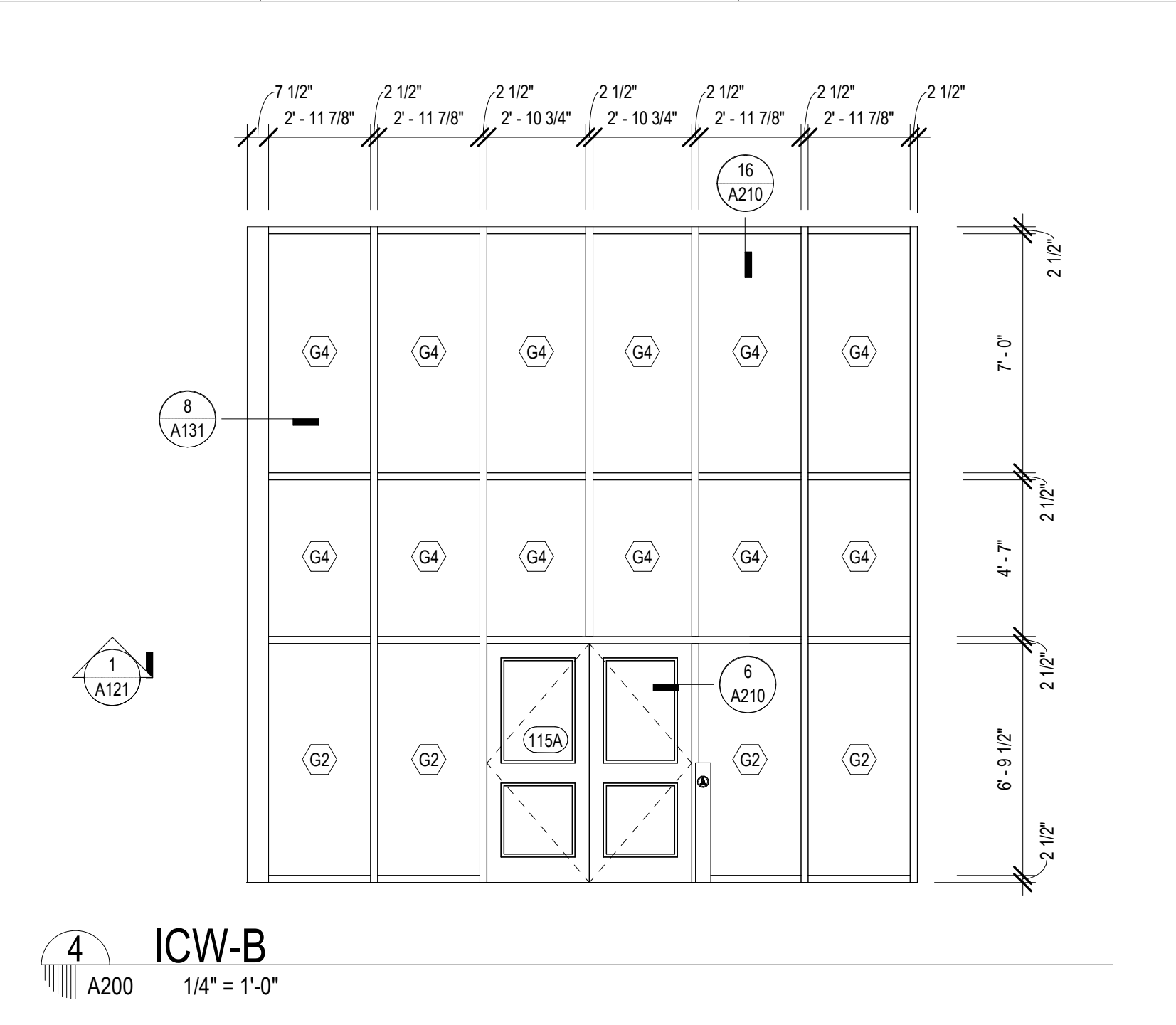
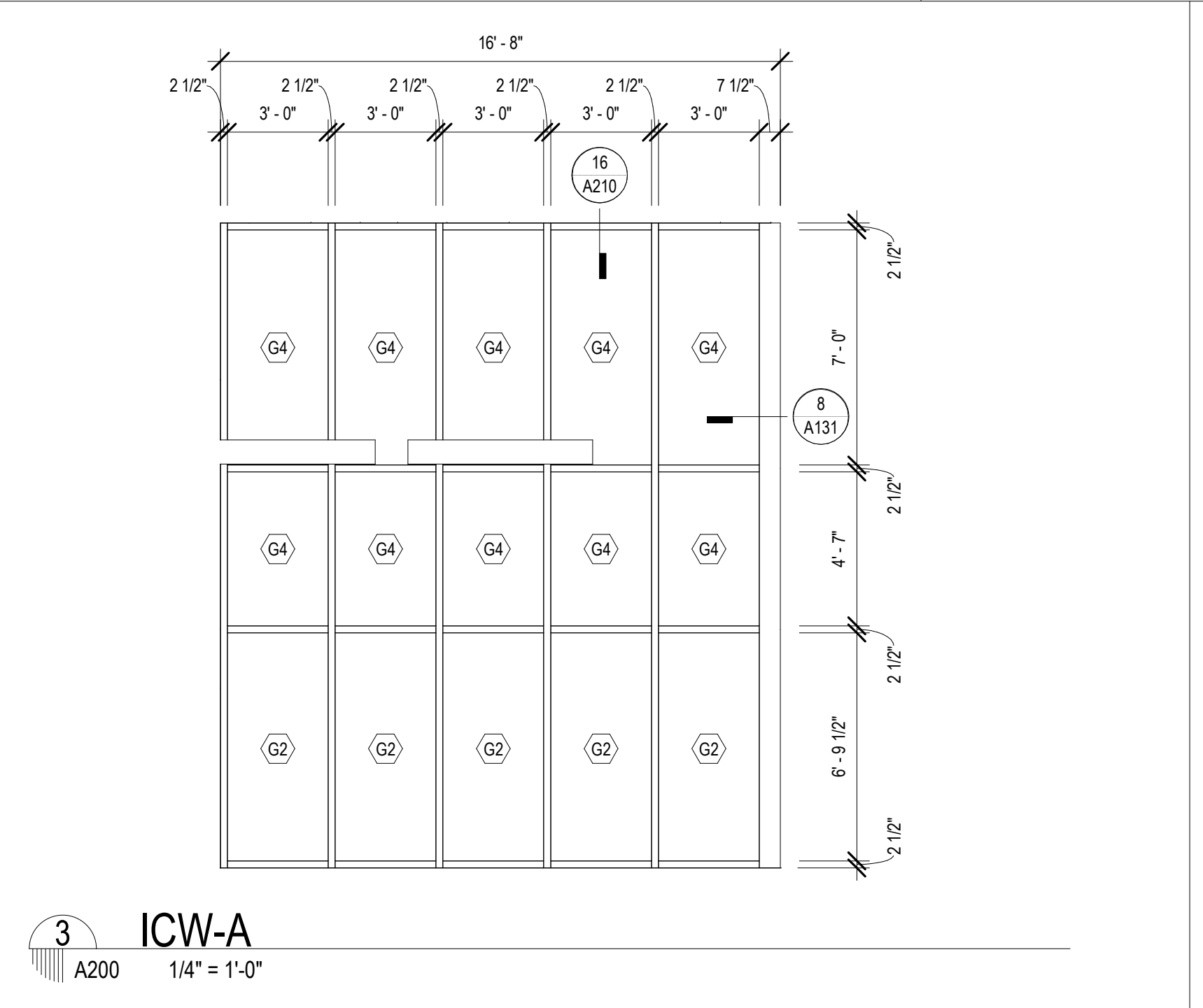
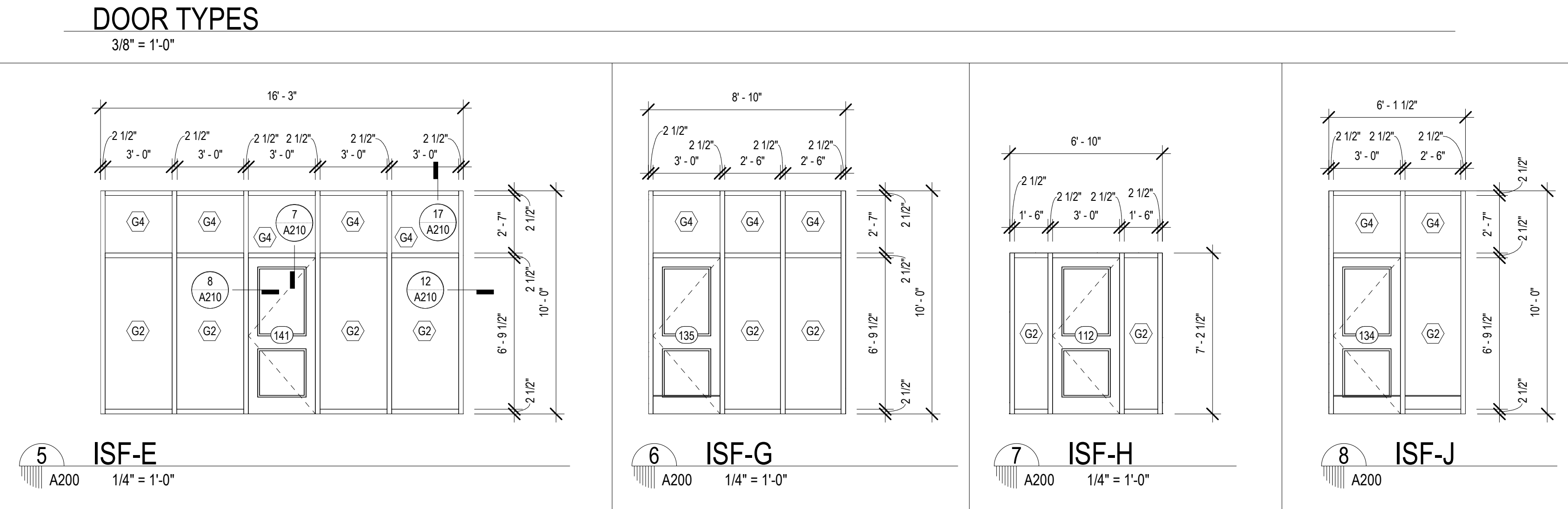
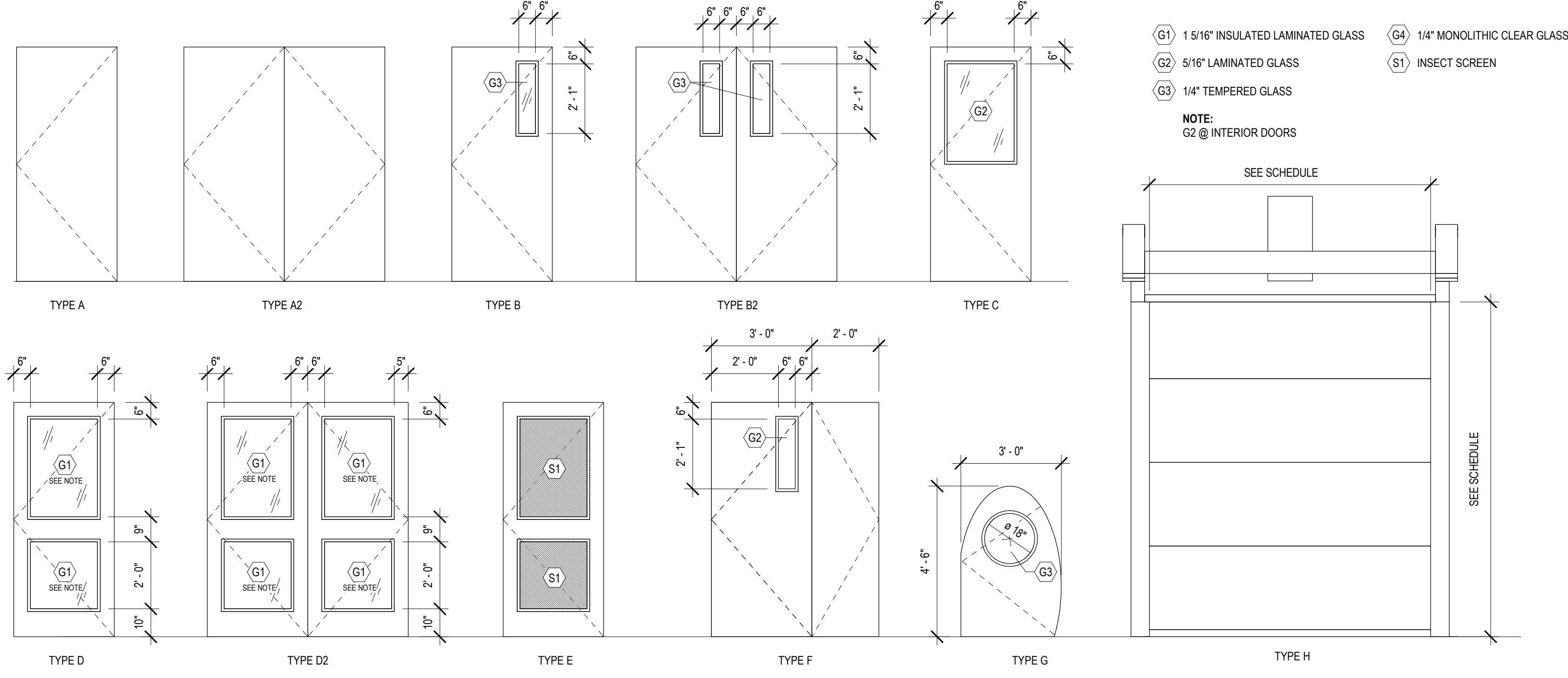
No.	Description	Date

KEY PLAN

Mathes Brierre + **BM**
 ARCHITECTS + ARCHITECTS BEAZLEY+MOLIERE
 A JOINT VENTURE
 201 St. Charles Avenue, Forty First Floor
 New Orleans, Louisiana 70170-4100
 Voice: 504-586-9303 Fax: 504-582-1305
 300 Heymann Blvd.
 Lafayette, Louisiana 70503
 337.233.0614

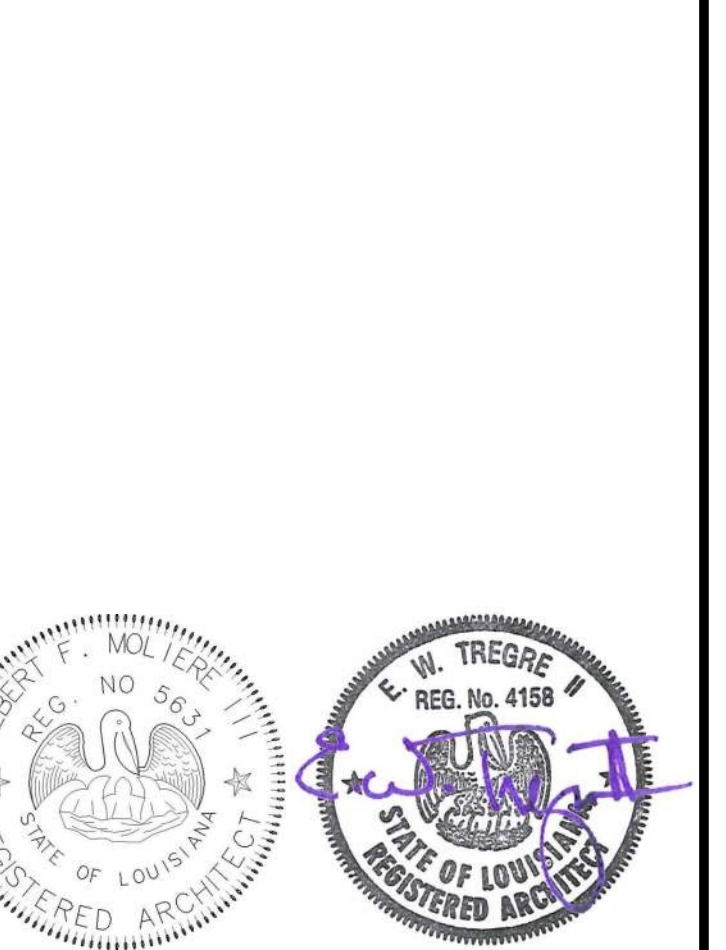
PROJECT TITLE
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 PERMIT DOCUMENTS
 DESIGNED BY MBA/ABM CHECKED BY PP
 DRAWN BY CF/RZ DATE 05.05.2023
 SHEET TITLE WALL TYPES
 PROJECT NO. MBA - 11884 SHEET NO. A150
 ABM - 201813

DOOR SCHEDULE												
MARK	DOOR TYPE	ASSOCIATED ROOM		DOOR DIMENSIONS		MATERIAL			DOOR DETAILS			COMMENTS
		ROOM NAME	WIDTH	HEIGHT	DOOR	FRAME	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	GLAZING	DOOR RATING	
101	D2	LOBBY	3'-0"	7'-0"	WOOD	HM	20/A210	15/A210	5/A210	G1-1 5/16" INSULLAM. GLASS		
103	A	FAMILY RR	3'-0"	7'-0"	WOOD	HM	20/A210	15/A210	5/A210			
104	A	MENS	3'-0"	7'-0"	WOOD	HM	20/A210	15/A210	5/A210			
105	A	HVAC 1A	3'-0"	7'-0"	WOOD	HM	20/A210	15/A210	5/A210			
106	A	JAN.	3'-0"	7'-0"	WOOD	HM	20/A210	15/A210	5/A210			
107	A	WOMENS	3'-0"	7'-0"	WOOD	HM	20/A210	15/A210	5/A210			
108A	B	KITCHENETTE	3'-0"	7'-0"	WOOD	HM	19/A210	14/A210	5/A210	G3-1/4" TEMP. GLASS		
108B	B	KITCHENETTE	3'-0"	7'-0"	WOOD	HM	19/A210	14/A210	3/A210	G3-1/4" TEMP. GLASS		
109A	B2	MEETING ROOM	6'-0"	7'-0"	WOOD	HM	19/A210	14/A210	3/A210	G3-1/4" TEMP. GLASS		
109B	D	MEETING ROOM	3'-0"	7'-0"	ALUM	ALUM	PER MANUF.	5/A425	1/A210	G1-1 5/16" INSULLAM. GLASS		
110	A	HVAC 1	3'-0"	7'-0"	WOOD	HM	19/A210	14/A210	5/A210			
111A	A2	MEETING STORAGE	6'-0"	7'-0"	WOOD	HM	20/A210	15/A210	9/A210		SOUND	ALL WOOD HVAC DOORS TO BE LINED W/ GALV. SHEET METAL W/ DULLED CORNERS AT INTERIOR SIDE OF DOOR.
111B	A2	MEETING STORAGE	6'-0"	7'-0"	WOOD	HM	20/A210	15/A210	9/A210		SMOKE - 20MIN	
112	D	BOARD / CONFERENCE ROOM	3'-0"	7'-0"	WOOD	ALUM	18/A210	8/A210	3/A210		SMOKE - 20MIN	
113A	B	MULTI PURPOSE ROOM	3'-0"	7'-0"	WOOD	HM	20/A210	15/A210	3/A210	G3-1/4" TEMP. GLASS		
113B	D2	MULTI PURPOSE ROOM	6'-0"	7'-0"	ALUM	ALUM	PER MANUF.	6/A210	1/A210	G2-5/16" LAMINATED GLASS		
113C	D	MULTI PURPOSE ROOM	3'-0"	7'-0"	ALUM	ALUM	PER MANUF.	10/A425	1/A210	G1-1 5/16" INSULLAM. GLASS		
114	A	AV & ELEC. CLOSET	3'-0"	7'-0"	WOOD	HM	20/A210	15/A210	4/A210			
115A	D2	EXHIBIT. NEW BOOKS. ADULT AV. SEATING	6'-0"	7'-0"	ALUM	ALUM	6/A210	6/A210	6/A210	G2-5/16" LAMINATED GLASS		
116	F	STAFF WORKROOM	5'-0"	7'-0"	HM	HM	4/A211	5/A211	1/A210	G2-5/16" LAMINATED GLASS		GALVANIZED DOOR & FRAME
117	A	DATA	3'-0"	7'-0"	WOOD	HM	20/A210	15/A210	9/A210			
118	A	SUPPORT STORAGE	3'-0"	7'-0"	WOOD	HM	20/A210	15/A210	9/A210		SMOKE - 20MIN	
119	A	STAFF RR 2	3'-0"	7'-0"	WOOD	HM	20/A210	15/A210	4/A210			
120	A	STAFF RR 1	3'-0"	7'-0"	WOOD	HM	20/A210	15/A210	4/A210			
121	C	STAFF LOUNGE	3'-0"	7'-0"	WOOD	HM	20/A210	15/A210	9/A210	G2-5/16" LAMINATED GLASS		
122A	A	CHILD PROG. STORAGE	3'-0"	7'-0"	WOOD	HM	20/A210	15/A210	9/A210		SMOKE - 20MIN	
122B	A	CHILD PROG. STORAGE	3'-0"	7'-0"	WOOD	HM	20/A210	15/A210	9/A210		SMOKE - 20MIN	
122C	A	CHILD PROG. STORAGE	3'-0"	7'-0"	WOOD	HM	20/A210	15/A210	9/A210		SMOKE - 20MIN	
123	C	DIRECTOR	3'-0"	7'-0"	WOOD	HM	20/A210	15/A210	3/A210	G2-5/16" LAMINATED GLASS		
125	D	CHILDRENS AREA	3'-0"	7'-0"	ALUM	ALUM	PER MANUF.	8/A210	1/A210	G1-1 5/16" INSULLAM. GLASS		
126A	C	CHILDRENS PROGRAM	3'-0"	7'-0"	WOOD	HM	20/A210	15/A210	9/A210	G2-5/16" LAMINATED GLASS		
126B	G	CHILDRENS AREA	3'-0"	4'-6"	WOOD	WOOD	6/211	7/A211	1/A210	G3-1/4" TEMP. GLASS		
126C	A	CHILDRENS PROGRAM	3'-0"	7'-0"	HM	HM	6/211	7/A211	1/A210			GALVANIZED DOOR & FRAME
126D	H	CHILDRENS PROGRAM	15'-11"	12'-0"	RE-FIN. SCHED.	ALUM						GALVANIZED DOOR & FRAME
127	A2	HVAC 3	6'-0"	7'-0"	HM	HM	4/A211	5/A211	1/A210			
128	A	ELECTRICAL	3'-0"	7'-0"	WOOD	HM	20/A210	15/A210	4/A210			
129	A	FAMILY RR	3'-0"	7'-0"	WOOD	HM	20/A210	15/A210	4/A210			
130	A	FAMILY RR	3'-0"	7'-0"	WOOD	HM	20/A210	15/A210	4/A210			
131	A	LACTATION	3'-0"	7'-0"	WOOD	HM	20/A210	15/A210	9/A210			
132	D	QUIET READING / SPECIAL COLLECTIONS	3'-0"	7'-0"	WOOD	ALUM	7/A210	8/A210	1/A210	G2-5/16" LAMINATED GLASS		
133	D	COVERED PORCH	3'-0"	7'-0"	ALUM	ALUM	PER MANUF.	6/A210	1/A210	G1-1 5/16" INSULLAM. GLASS		
134	D	GROUP STUDY / SOUND ROOM	3'-0"	7'-0"	WOOD	ALUM	7817/A210	8813/A210	1/A210	G2-5/16" LAMINATED GLASS		
135	D	STUDY 5	3'-0"	7'-0"	WOOD	ALUM	7817/A210	8813/A210	1/A210	G2-5/16" LAMINATED GLASS		
136	D	STUDY 4	3'-0"	7'-0"	WOOD	ALUM	7817/A210	8813/A210	1/A210	G2-5/16" LAMINATED GLASS		
137	D	STUDY 3	3'-0"	7'-0"	WOOD	ALUM	7817/A210	8813/A210	1/A210	G2-5/16" LAMINATED GLASS		
138	A2	HVAC 2	6'-0"	7'-0"	HM	HM	4/A211	5/A211	1/A210			
139	A	ELEC CLOSET	3'-0"	7'-0"	WOOD	HM	20/A210	15/A210	4/A210			
141	D	COMPUTER LAB	3'-0"	7'-0"	WOOD	ALUM	7/A210	8/A210	1/A210	G2-5/16" LAMINATED GLASS		
142	C	STUDY 2	3'-0"	7'-0"	WOOD	HM	20/A210	15/A210	9/A210	G2-5/16" LAMINATED GLASS		
143	C	STUDY 1	3'-0"	7'-0"	WOOD	HM	20/A210	15/A210	9/A210	G2-5/16" LAMINATED GLASS		
148	E	COVERED PORCH	3'-0"	7'-0"	ALUM	ALUM	PER MANUF.	PER MANUF.	1/A210	SCREEN		



MATERIALS KEYING/ GENERAL NOTES

CURTAIN WALL SHEET DIRECTORY	
MARK	SHEET NO.
CW-A @ LOBBY N	A220
CW-C @ LOBBY SOUTH	A220
CW-W @ COLLECTION & SEATING EAST	A221
ESF-A @ QUIET READING	A222
CURTAIN WALL	
CW-A @ LOBBY NORTH - ALT 1	A220
CW-B @ LOBBY SOUTH - ALT 3	A220
CW-D @ MULTI. EAST	A220
CW-E @ MULTI-PURPOSE SOUTH	A220
CW-F @ MULTI. WEST	A220
CW-G @ CHILDRENS NORTH	A220
CW-H @ SCREEN WALL @ COVERED PORCH	A221
CW-I @ QUIET READING NORTH	A221
CW-L @ COLLECTION & SEATING NORTH	A221
CW-M @ COLLECTION & SEATING EAST ALT 2	A221
CW-N @ TEEN AREA	A221
CW-P @ TEEN EAST	A221
EXTERIOR STOREFRONT	
ESF-A @ MEET. EAST	A222
ESF-B @ MEETING ROOM SOUTH	A222
ESF-C @ STAFF LOUNGE SOUTH	A222
ESF-D @ STAFF WORKROOM WEST	A222
ESF-E @ STAFF WK. SOUTH	A222
ESF-F @ CHLD. PROGRM	A222
ESF-G	A222
ESF-H @ COVERED PORCH	A222
ESF-J @ GROUP STUDY NORTH	A222
ESF-L @ HVAC 3	A222
INTERIOR STOREFRONT	
ICW-A	A200
ICW-B	A200
ISF-C / ISF-D	A200
ISF-F / ISF-K	A200
ISF-G	A200



No.	Description	Date

KEY PLAN

Mathes Brierre + ARCHITECTS BEAZLEY-MOIERE A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
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337.233.0614

PROJECT TITLE

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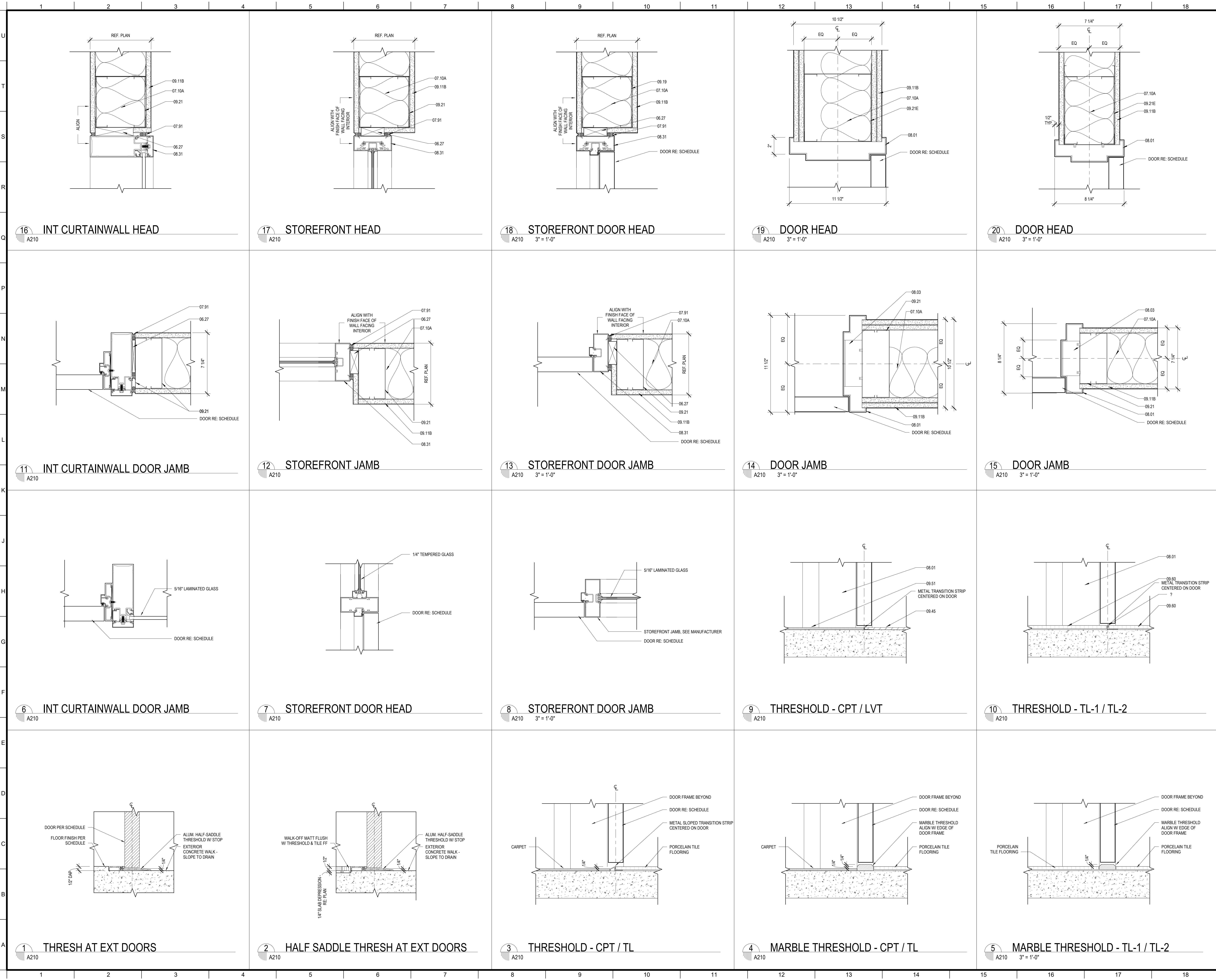
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PERMIT DOCUMENTS

DESIGNED BY	MBA/ABM	CHECKED BY	PP
DRAWN BY	CF/RZ	DATE	05.05.2023

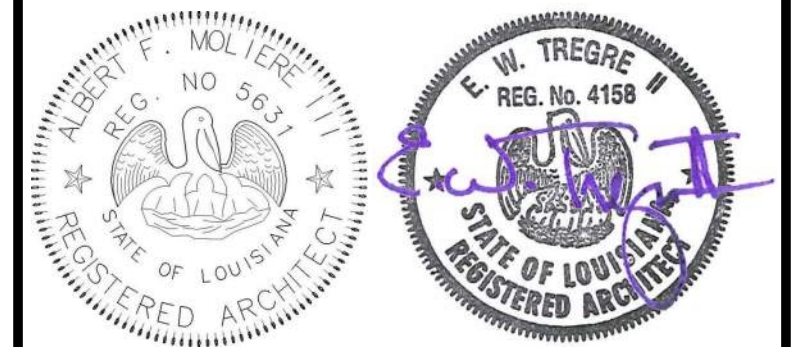
SHEET TITLE: DOOR & WINDOW SCHEDULE & TYPES

PROJECT NO.	MBA - 11884	SHEET NO.	A200
	ABM - 201813		



MATERIALS KEYING/ GENERAL NOTES

Keynote Legend	
Key Value	Keynote Text
06.27	WOOD BLOCKING (06 10 00)
07.10A	BATT SOUND INSULATION (6" THK)
07.91	BACKER ROD & SEALANT
08.01	HOLLOW METAL FRAME (08 11 00)
08.03	FRAME ANCHOR - SCREWED TO STUD (08 11 00)
08.31	ALUMINUM FRAME (08 40 00)
09.11B	GYPSUM BOARD (5/8" THICK) ADDITIONAL LAYERS WHERE SHOWN
09.19	LIGHT GAUGE METAL FRAMING - RE: STRUCTURAL (09 26 00)
09.21	LIGHT GAUGE METAL STUDS (09 26 00)
09.21E	8" METAL STUDS
09.45	LUXURY VINYL TILE (09 65 00)
09.51	CARPET (09 68 00)
09.60	PORCELAIN TILE



No.	Description	Date

KEY PLAN

Mathes Brierre + /BM
 ARCHITECTS + ARCHITECTS BEAZLEY MOIERE
 A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
 New Orleans, Louisiana 70170-4100
 Voice: 504.586.9303 Fax: 504.582.1305

300 Heymann Blvd.
 Lafayette, Louisiana 70503
 337.233.0614

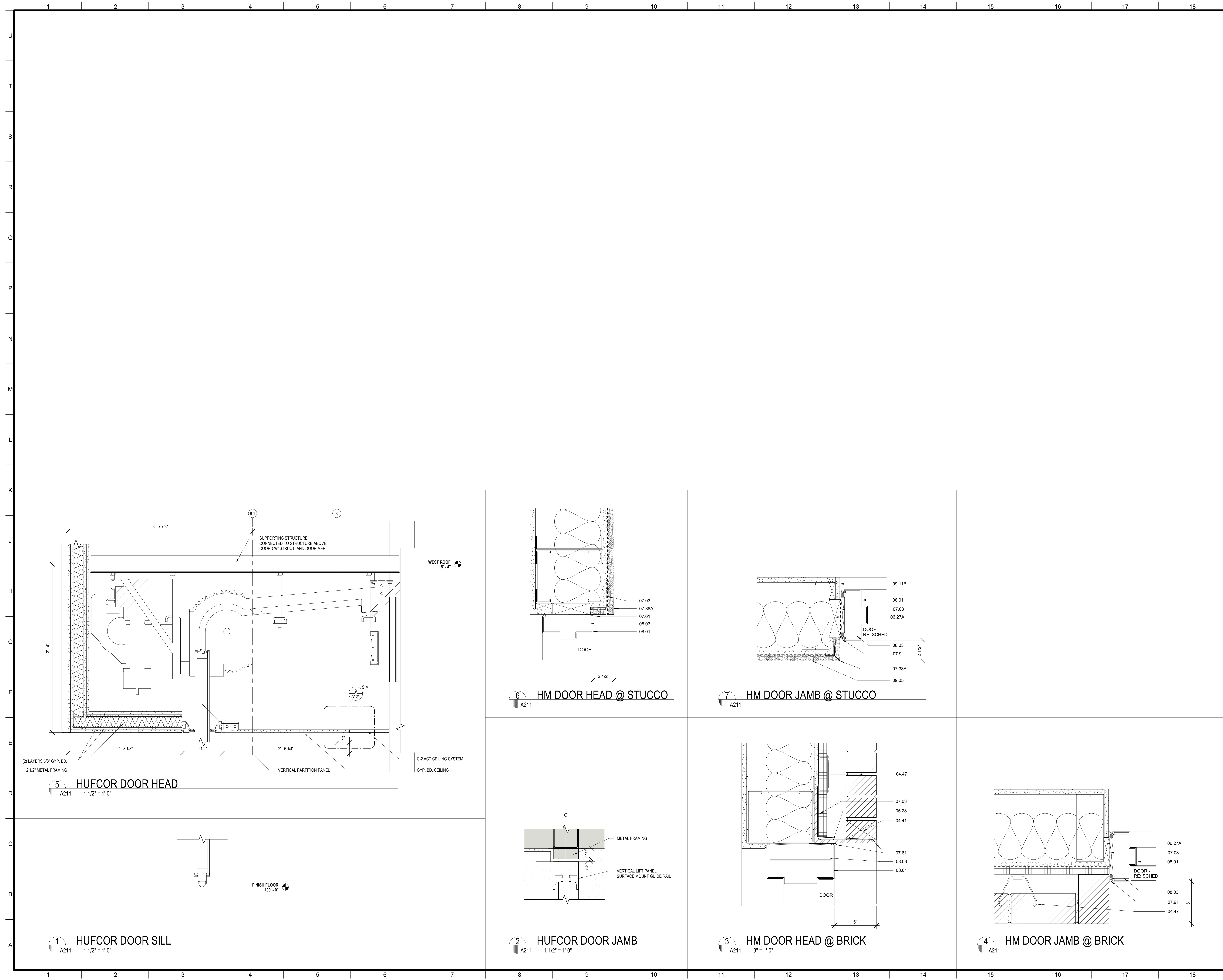
PROJECT TITLE

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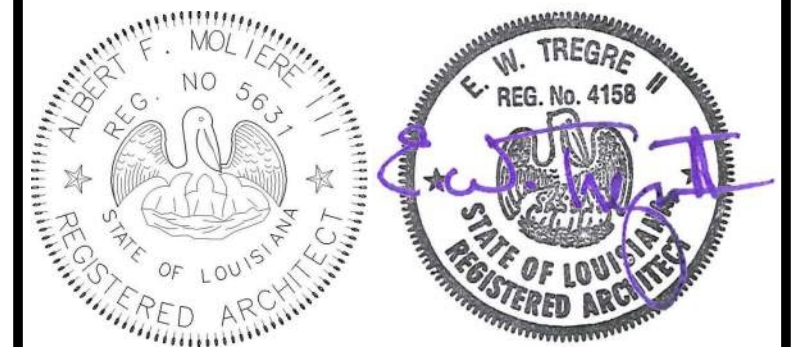
PERMIT DOCUMENTS

DESIGNED BY	MBA/ABM	CHECKED BY	PP
DRAWN BY	CF	DATE	05.05.2023
SHEET TITLE			
DOOR DETAILS			
PROJECT NO.	MBA - 11884	SHEET NO.	A210
ABM - 201813			



MATERIALS KEYING/ GENERAL NOTES

Keynote Legend	
Key Value	Keynote Text
04.41	WEEP HOLE AT 32" ON CENTER
04.47	MASONRY ANCHORS (04 20 00)
05.28	STEEL ANGLE - RE. STRUCTURAL (05 12 00)
06.27A	TREATED WOOD BLOCKING
07.03	MEMBRANE WATERPROOFING (07 27 26)
07.38A	METAL FLASHING
07.61	METAL FLASHING
07.91	BACKER ROD & SEALANT
08.01	HOLLOW METAL FRAME (08 11 00)
08.03	FRAME ANCHOR - SCREWED TO STUD (08 11 00)
09.05	STUCCO ON METAL LATH (09 22 00)
09.11B	GYPSUM BOARD (5/8" THICK) ADDITIONAL LAYERS WHERE SHOWN



No.	Description	Date

KEY PLAN

Mathes Brierre + MBM
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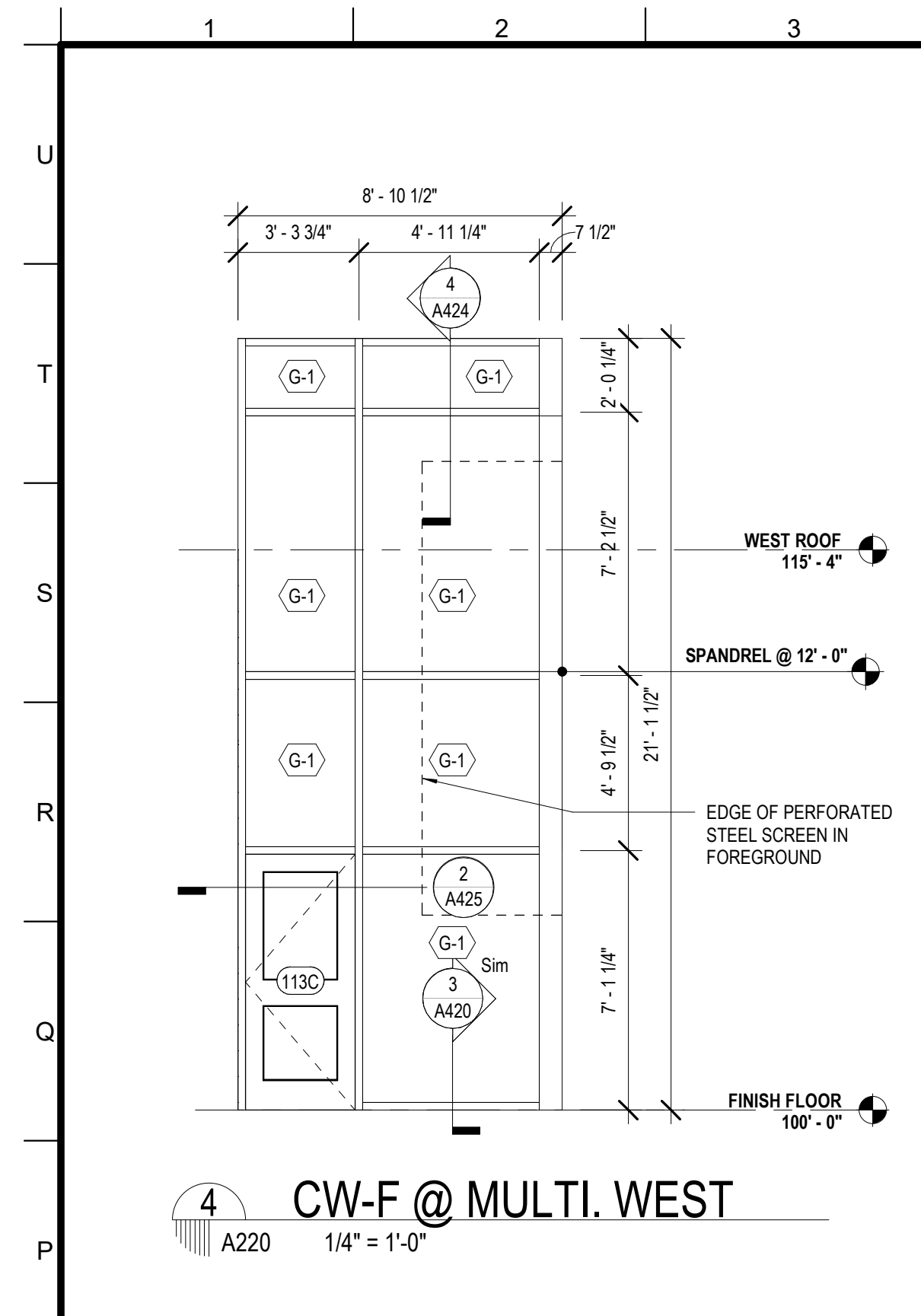
PROJECT TITLE

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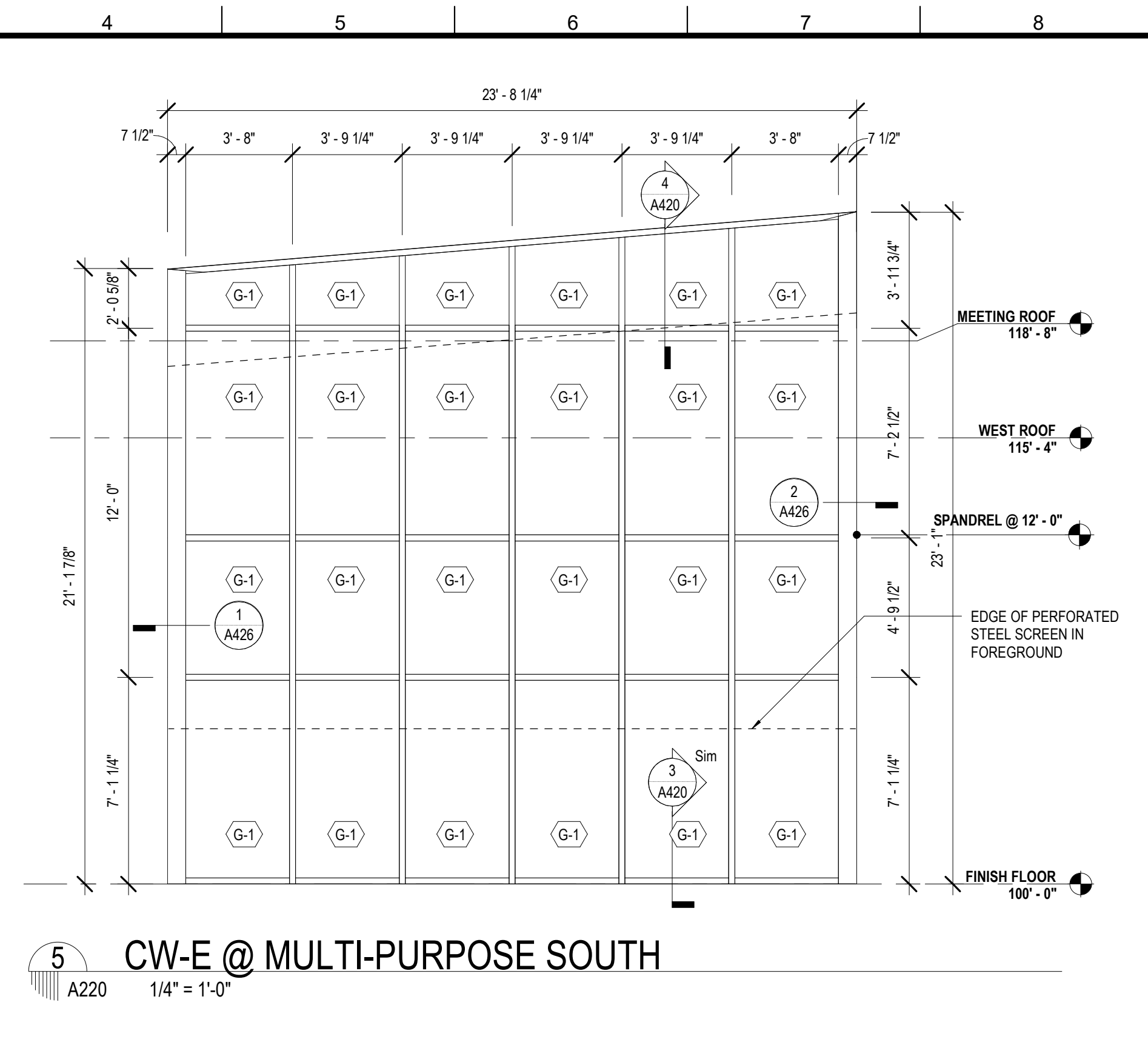
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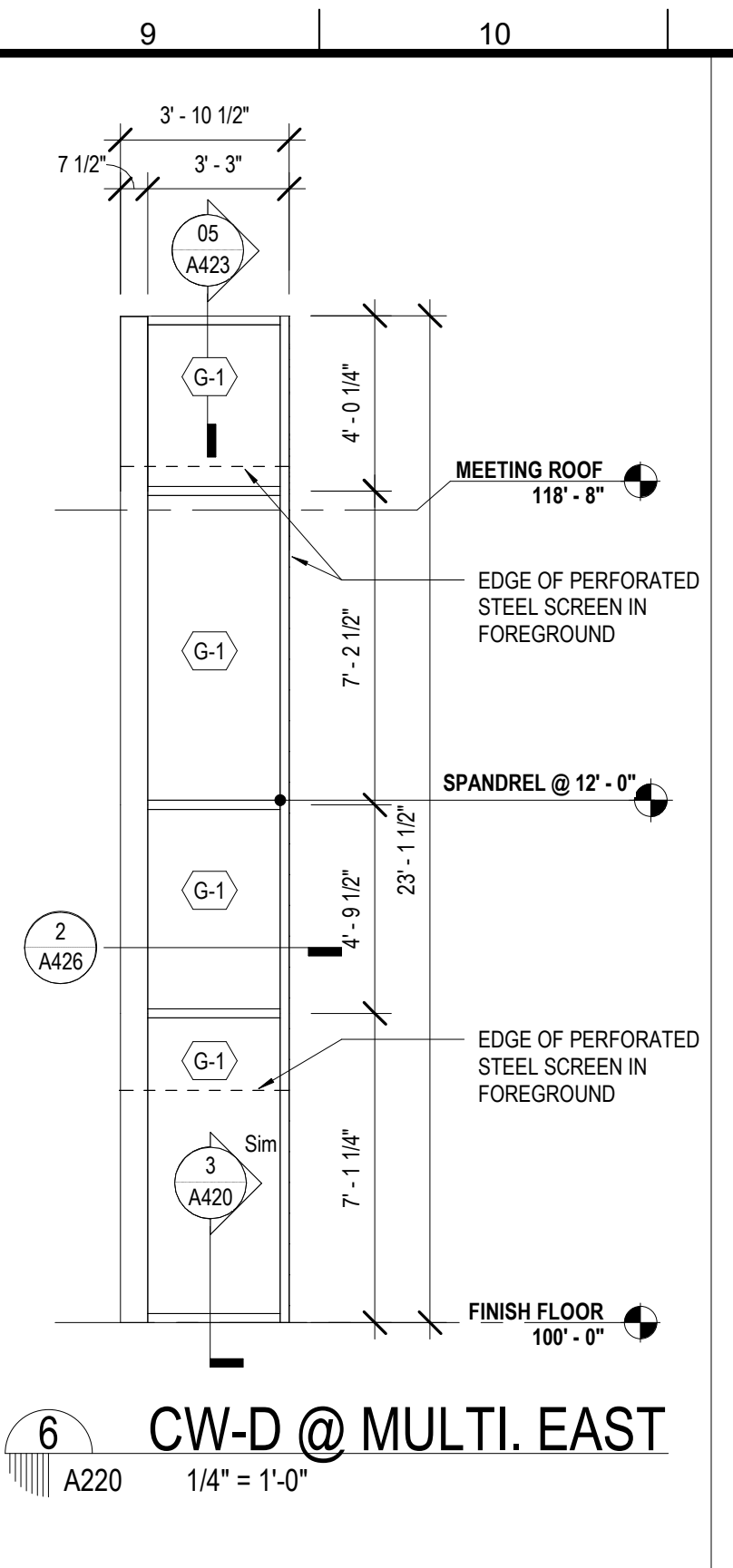
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DRAWN BY	MP/SC/ALB	DATE	05.05.2023
SHEET TITLE			
PROJECT NO.		SHEET NO.	
MBA - 11884		A211	
ABM - 201813			



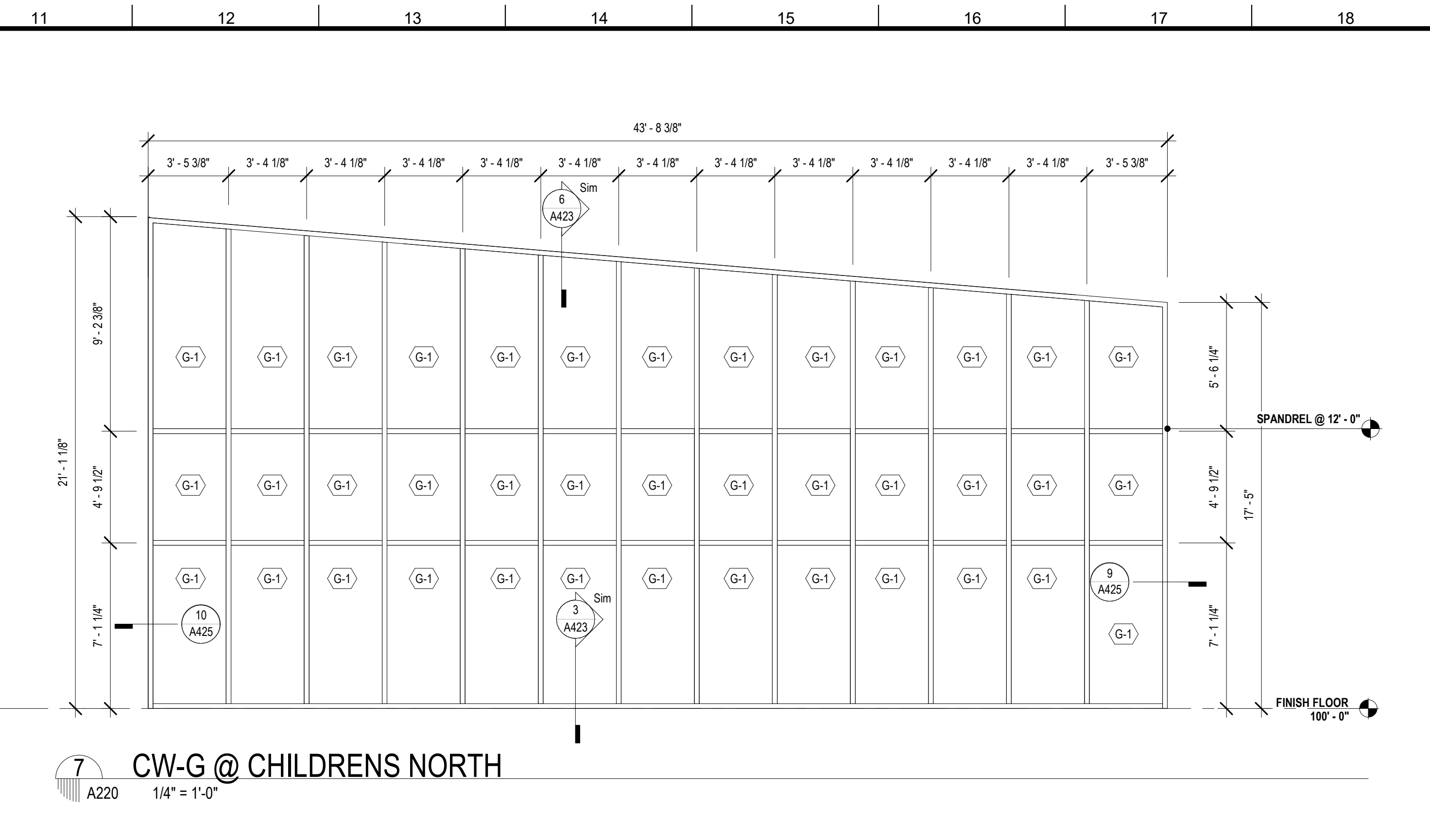
4 CW-F @ MULTI. WEST
A220 1/4" = 1'-0"



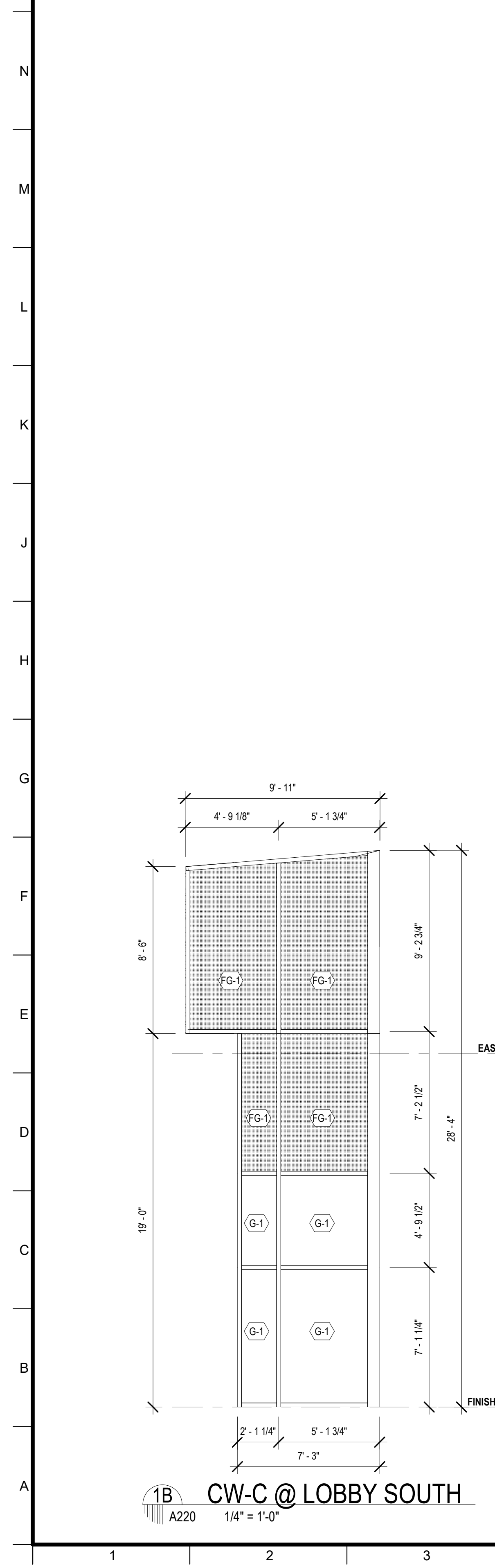
5 CW-E @ MULTI-PURPOSE SOUTH
A220 1/4" = 1'-0"



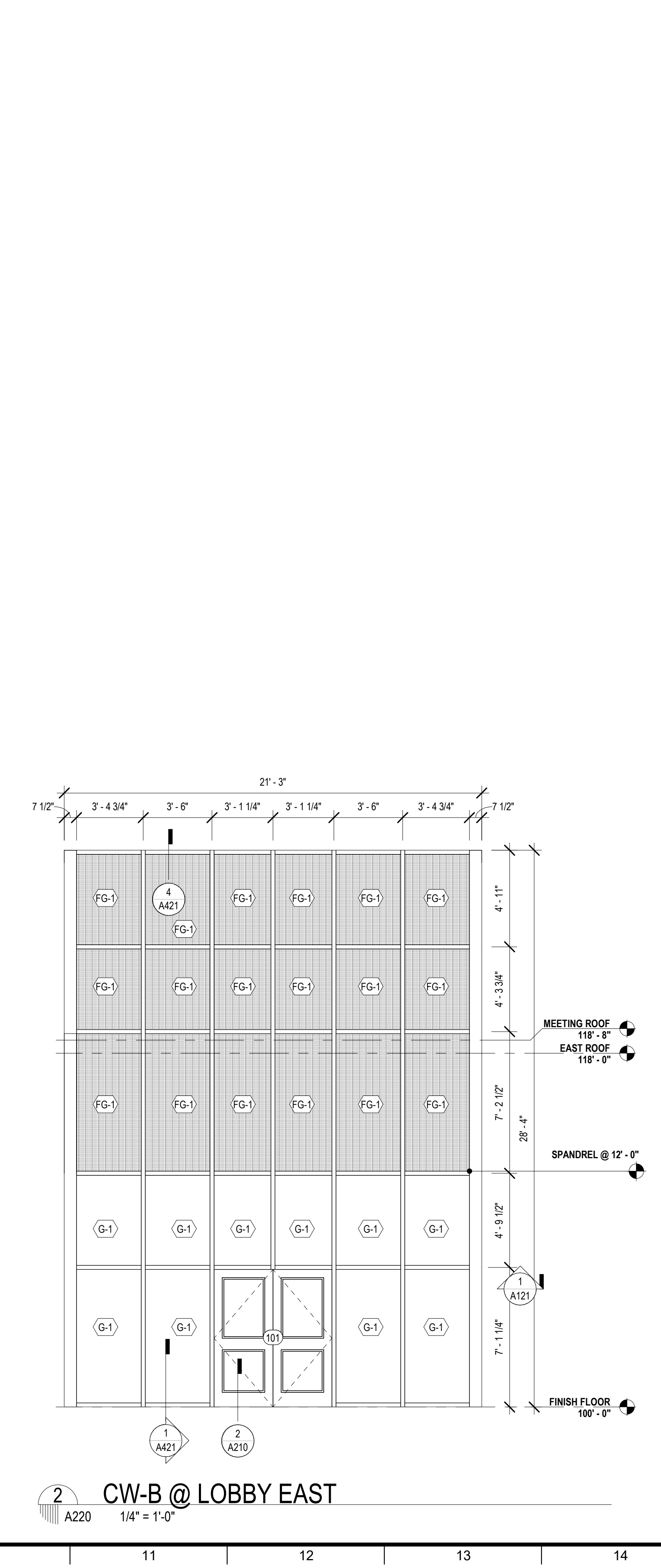
6 CW-D @ MULTI. EAST
A220 1/4" = 1'-0"



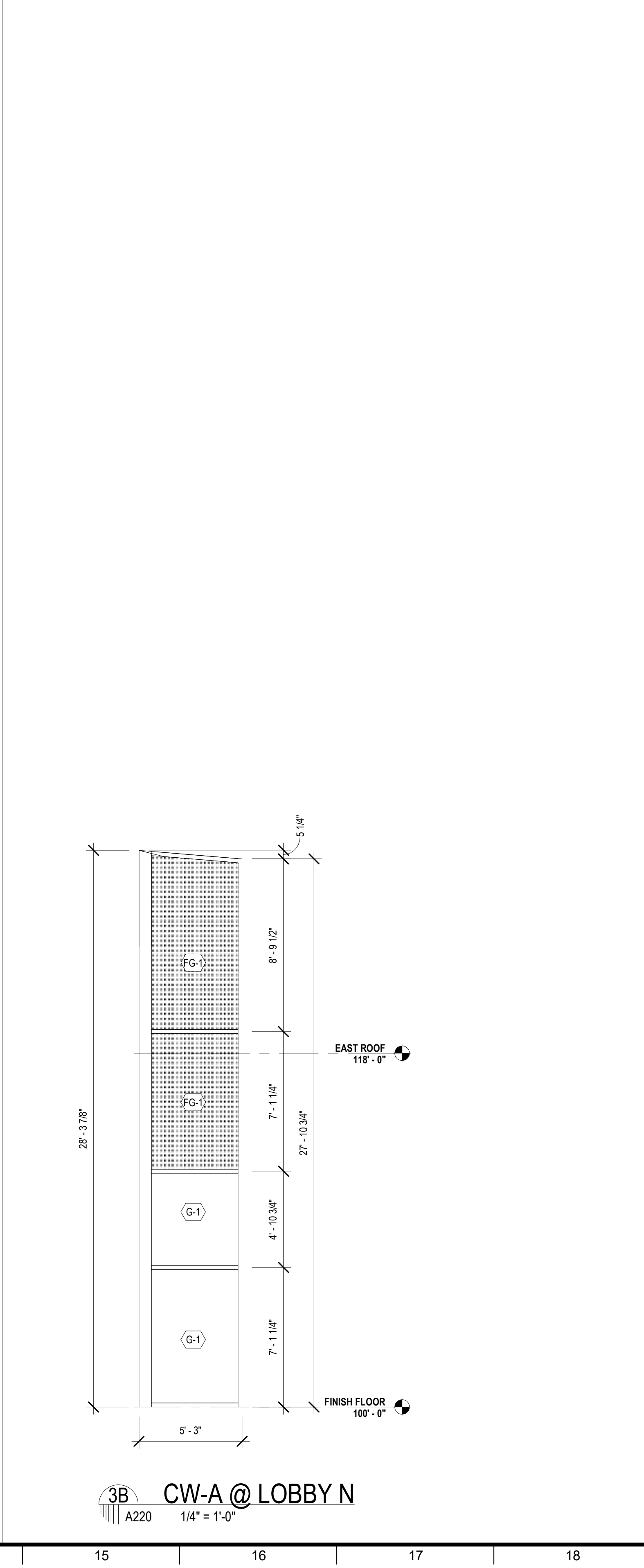
7 CW-G @ CHILDRENS NORTH
A220 1/4" = 1'-0"



1B CW-C @ LOBBY SOUTH
A220 1/4" = 1'-0"



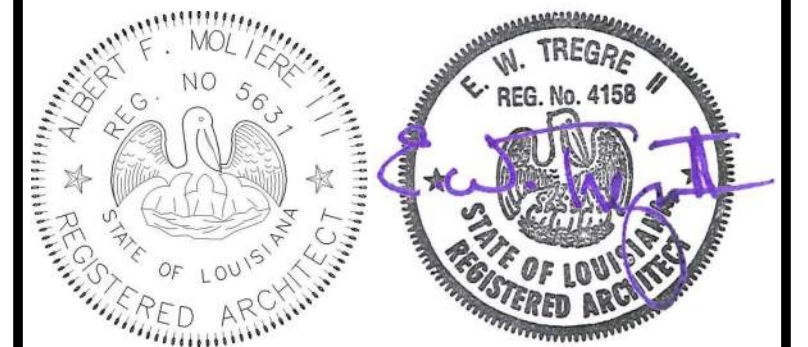
2 CW-B @ LOBBY EAST
A220 1/4" = 1'-0"



3B CW-A @ LOBBY N
A220 1/4" = 1'-0"

MATERIALS KEYING/ GENERAL NOTES

CURTAIN WALL SHEET DIRECTORY	
MARK	SHEET NO.
CWA @ LOBBY N	A220
CWB @ LOBBY SOUTH	A220
CWM @ COLLECTION & SEATING EAST	A221
ESF-K @ QUIET READING	A222
CURTAIN WALL	
CWA @ LOBBY NORTH - ALT 1	A220
CWB @ LOBBY EAST	A220
CWC @ LOBBY SOUTH - ALT 3	A220
CWD @ MULTI. EAST	A220
CWE @ MULTI-PURPOSE SOUTH	A220
CWF @ MULTI. WEST	A220
CWG @ CHILDRENS NORTH	A220
CWH @ SCREEN WALL @ COVERED PORCH	A221
CWK @ QUIET READING NORTH	A221
CWL @ COLLECTION & SEATING NORTH	A221
CWM @ COLLECTION & SEATING EAST ALT 2	A221
CWN @ TEEN AREA	A221
CWP @ TEEN EAST	A221
EXTERIOR STOREFRONT	
ESF-A @ MEET. EAST	A222
ESF-B @ MEETING ROOM SOUTH	A222
ESF-C @ STAFF LOUNGE SOUTH	A222
ESF-D @ STAFF WORKROOM WEST	A222
ESF-E @ STAFF WK. SOUTH	A222
ESF-F @ CHLD. PROGRAM	A222
ESF-G	A222
ESF-H @ COVERED PORCH	A222
ESF-I @ GROUP STUDY NORTH	A222
ESF-L @ HVAC 3	A222
INTERIOR STOREFRONT	
ICWA	A200
ICWB	A200
ISF-C / ISF-D	A200
ISF-D	A200
ISF-F / ESF-K	A200
ISF-G	A200



No.	Description	Date

KEY PLAN

Mathes Brierre + MBM
ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
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PROJECT TITLE

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DRAWN BY	MP/SC/ALB	DATE	05.05.2023

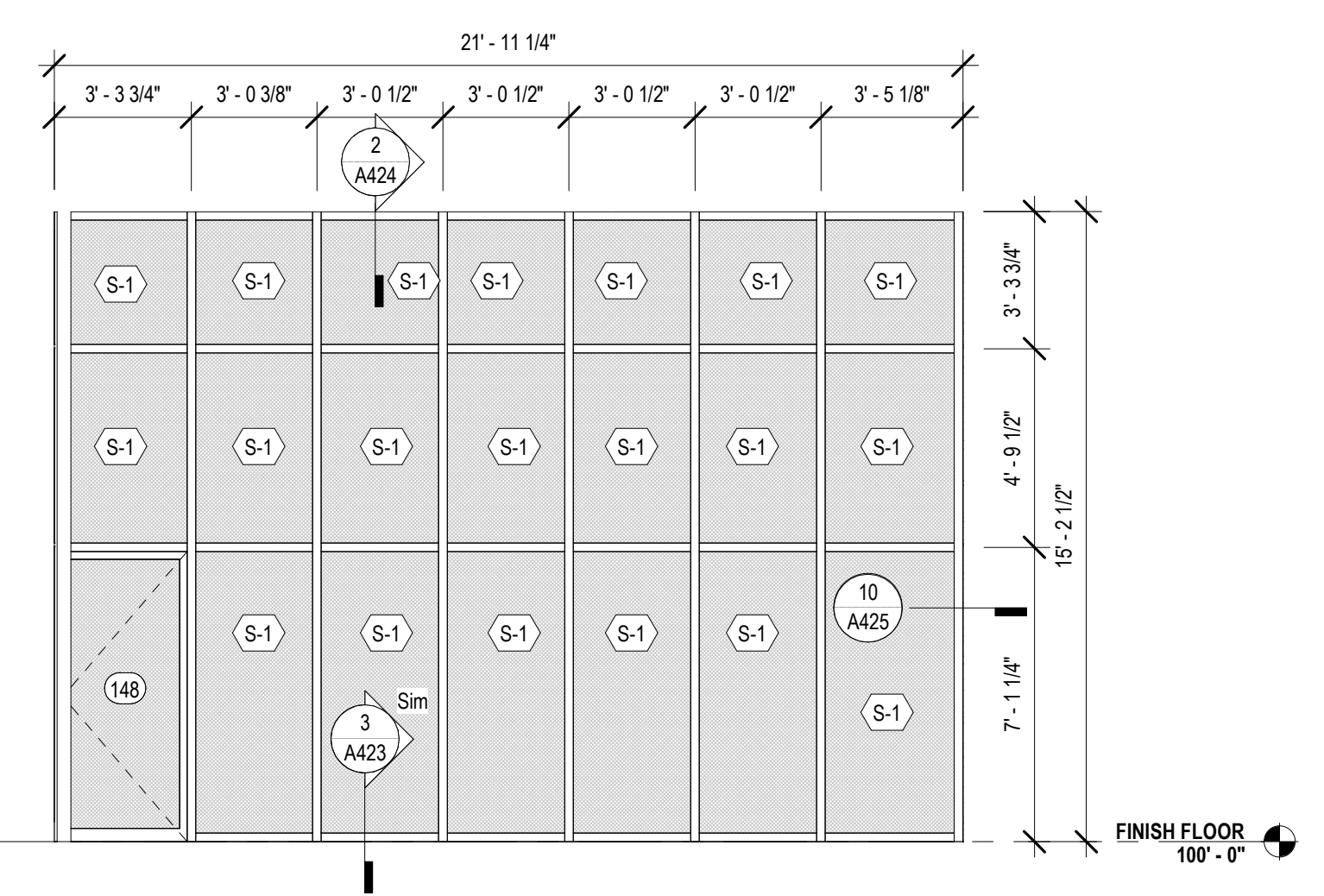
SHEET TITLE
CURTAIN WALL OPENING ELEVATIONS

PROJECT NO.	SHEET NO.
MBA - 11884	A220
ABM - 201813	

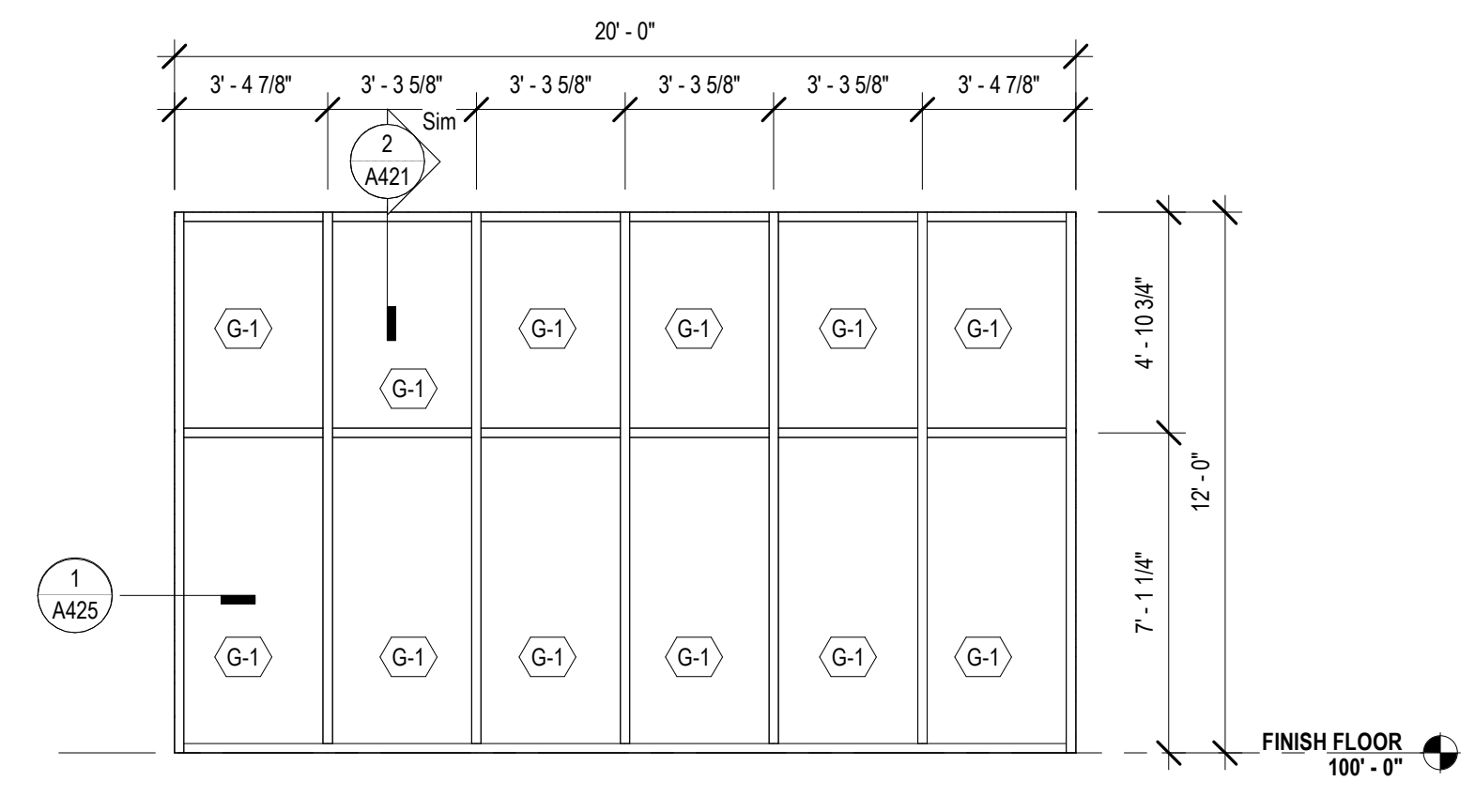
CURTAIN WALL SHEET DIRECTORY

MARK	SHEET NO.
CW-A @ LOBBY N	A220
CW-B @ LOBBY SOUTH	A220
CW-M @ COLLECTION & SEATING EAST	A221
ESF-K @ QUIET READING	A222
CURTAIN WALL	
CW-A @ LOBBY NORTH - ALT 1	
CW-B @ LOBBY EAST	A220
CW-C @ LOBBY SOUTH - ALT 3	
CW-D @ MULTI. EAST	A220
CW-E @ MULTI-PURPOSE SOUTH	A220
CW-F @ MULTI-PURPOSE WEST	A220
CW-G @ CHILDRENS NORTH	A220
CW-H @ SCREEN WALL @ COVERED PORCH	A221
CW-K @ QUIET READING NORTH	A221
CW-L @ COLLECTION & SEATING NORTH	A221
CW-M @ COLLECTION & SEATING EAST ALT 2	
CW-N @ TEEN AREA	A221
CW-P @ TEEN EAST	A221
EXTERIOR STOREFRONT	
ESF-A @ MEET. EAST	A222
ESF-B @ MEETING ROOM SOUTH	A222
ESF-C @ STAFF LOUNGE SOUTH	A222
ESF-D @ STAFF WORKROOM WEST	A222
ESF-E @ STAFF WK. SOUTH	A222
ESF-F @ CHLD. PROGRAM	A222
ESF-G	A222
ESF-H @ COVERED PORCH	A222
ESF-J @ GROUP STUDY NORTH	A222
ESF-L @ HVAC 3	A222
INTERIOR STOREFRONT	
ICW-A	A200
ICW-B	A200
ISF-C / ISF-D	A200
ISF-D	A200
ISF-F / ESF-K	A200
ISF-G	A200

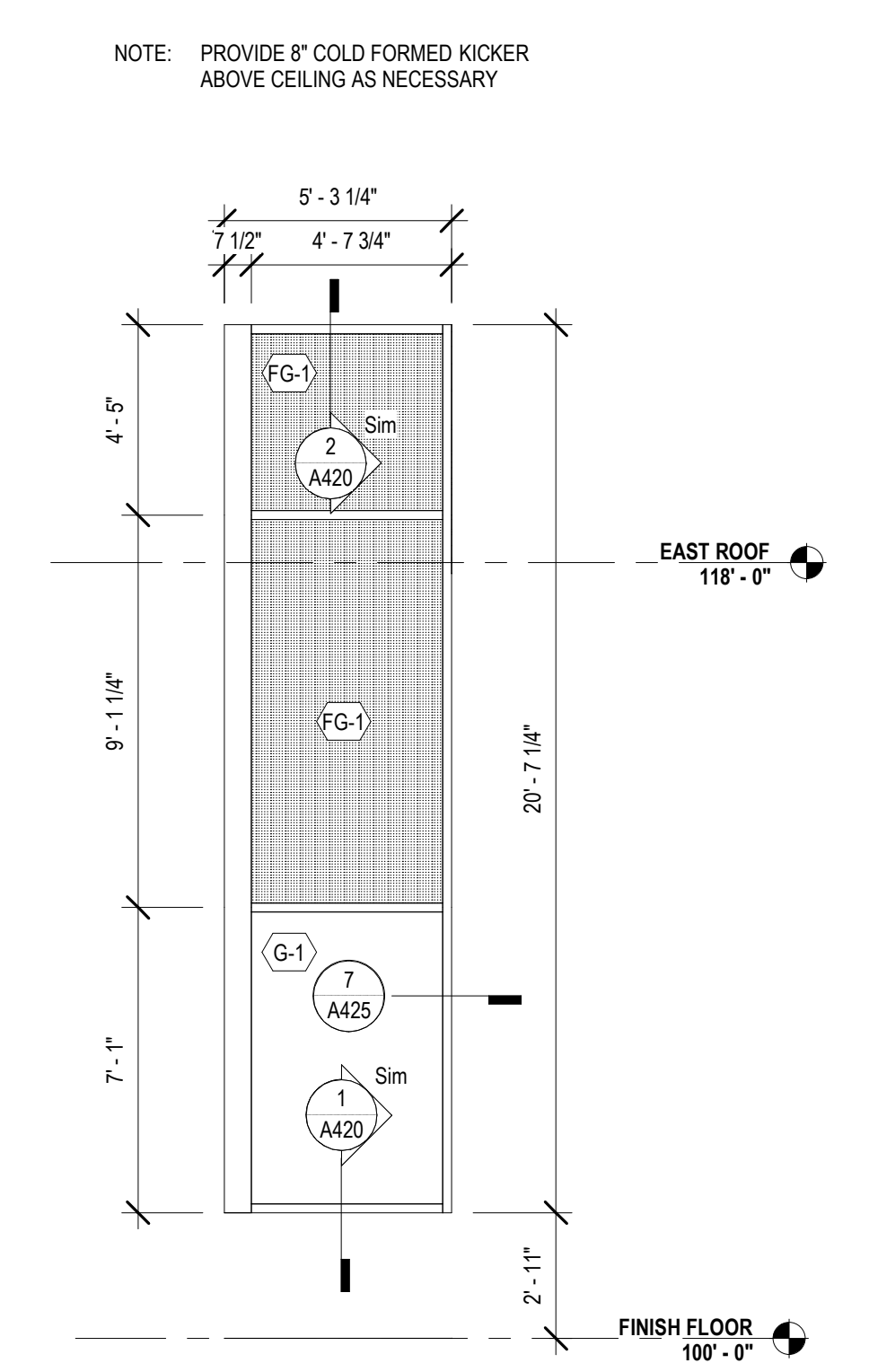
MARK	OPENING TYPE	GLAZING TYPE	FRAME DETAILS		
			HEAD	JAMB	SILL
CW-A	CURTAIN WALL		3 / A421 SIM	12 / A425	3 / A421 SIM, 3 / A423 SIM
CW-B	CURTAIN WALL		4 / A421		1 / A421
CW-C	CURTAIN WALL		3 / A421	2 / A426	3 / A423 SIM
CW-D	CURTAIN WALL		05 / A423 SIM	2 / A426	3 / A423 SIM
CW-E	CURTAIN WALL		4 / A420	1 / A426, 2 / A426	3 / A420
CW-F	CURTAIN WALL		4 / A424	2 / A425	3 / A423 SIM
CW-G	CURTAIN WALL		6 / A423	9 / A425, 10 / A425	3 / A423
CW-H	CURTAIN WALL		2 / A424	10 / A425	3 / A423 SIM
CW-K	CURTAIN WALL		2 / A421	1 / A425	1 / A421 SIM
CW-L	CURTAIN WALL		6 / A423 SIM	9 / A425	3 / A423 SIM
CW-M	CURTAIN WALL		05 / A423	11 / A425	05 / A423, 3 / A423 SIM
CW-N	CURTAIN WALL		1 / A420	7 / A425	1 / A420
CW-P	CURTAIN WALL		1 / A420	8 / A425	1 / A420
ESF-A	EXTERIOR STOREFRONT		6 / A422 SIM	5 / A425	2 / A210
ESF-B	EXTERIOR STOREFRONT		6 / A422	5 / A425, 6 / A425	3 / A422
ESF-C	EXTERIOR STOREFRONT		6 / A422 SIM	6 / A425 SIM	3 / A423 SIM
ESF-D	EXTERIOR STOREFRONT		6 / A422 SIM	6 / A425 SIM	3 / A422 SIM
ESF-E	EXTERIOR STOREFRONT		6 / A422 SIM	6 / A425 SIM	3 / A423 SIM
ESF-F	EXTERIOR STOREFRONT		2 / A420 SIM	8 / A425 SIM	1 / A420 SIM
ESF-G	EXTERIOR STOREFRONT		6 / A422 SIM	6 / A425	3 / A423 SIM
ESF-H	EXTERIOR STOREFRONT		2 / A421 SIM	1 / A425	3 / A423 SIM
ESF-J	EXTERIOR STOREFRONT		6 / A422 SIM	11 / A425, 3 / A425	3 / A423 SIM
ESF-K	EXTERIOR STOREFRONT		1 / A424	8 / A425 SIM	1 / A424
ESF-L	EXTERIOR STOREFRONT		6 / A422 SIM	6 / A425 SIM	3 / A423 SIM



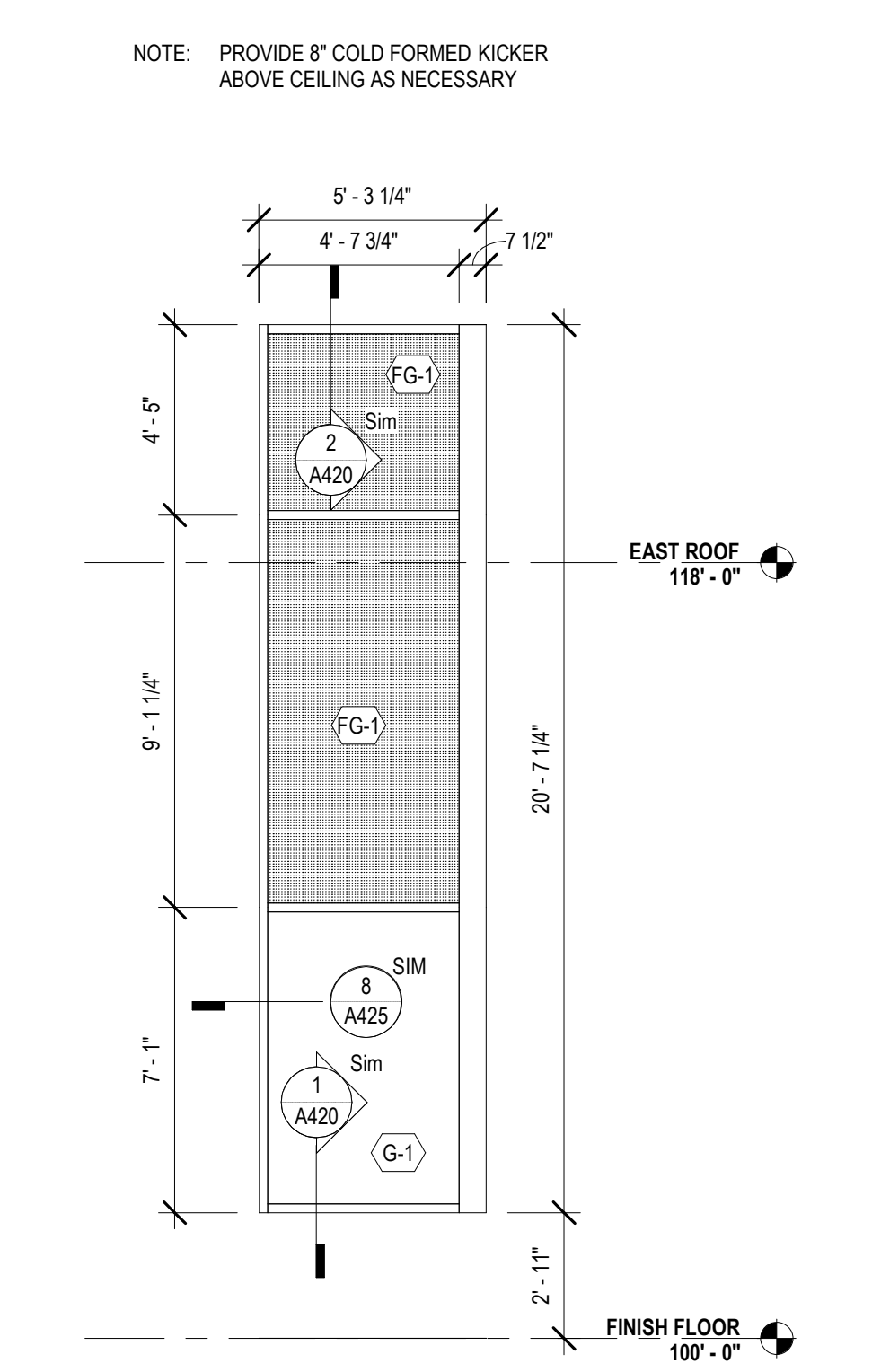
5 CW-H - SCREEN WALL @ COVERED PORCH
A221 1/4" = 1'-0"



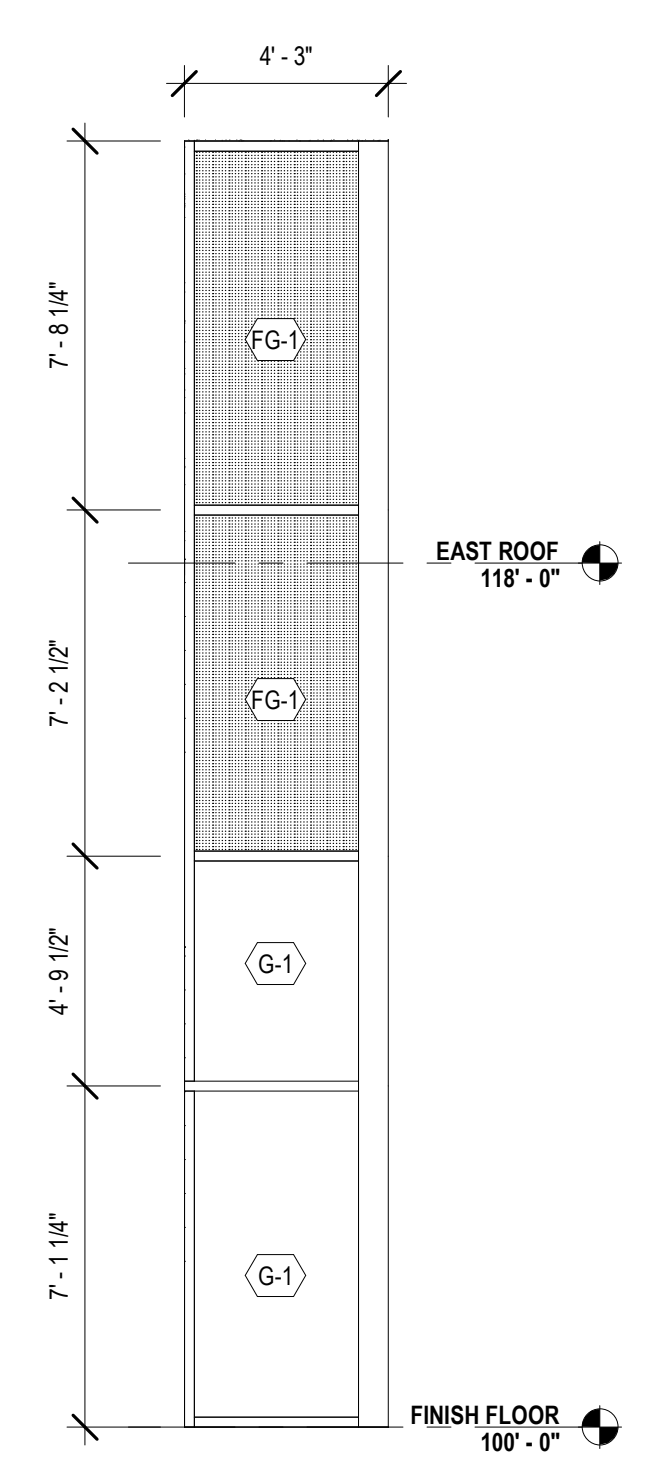
6 CW-K @ QUIET READING NORTH
A221 1/4" = 1'-0"



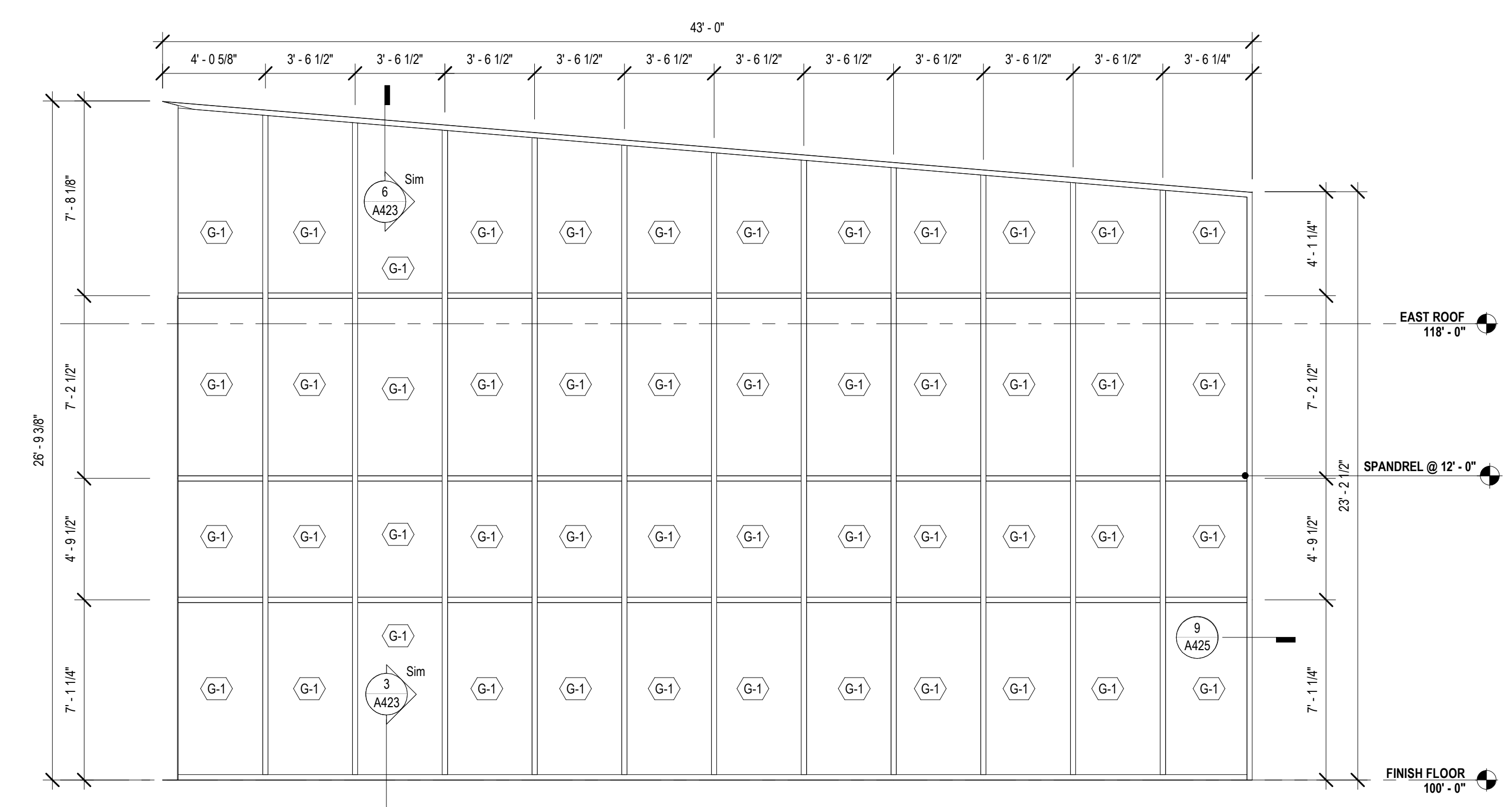
3 CW-N @ TEEN AREA
A221 1/4" = 1'-0"



4 CW-P @ TEEN EAST
A221 1/4" = 1'-0"



1B CW-M @ COLLECTION & SEATING EAST
A221 1/4" = 1'-0"



2 CW-L @ COLLECTION & SEATING NORTH
A221 1/4" = 1'-0"



No.	Description	Date

KEY PLAN

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ARCHITECTS ARCHITECTS BEAZLEY MOIERE
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PROJECT TITLE

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DESIGNED BY	MBA/ABM	CHECKED BY	AM/PP
DRAWN BY	MP/SC/ALB	DATE	05.05.2023

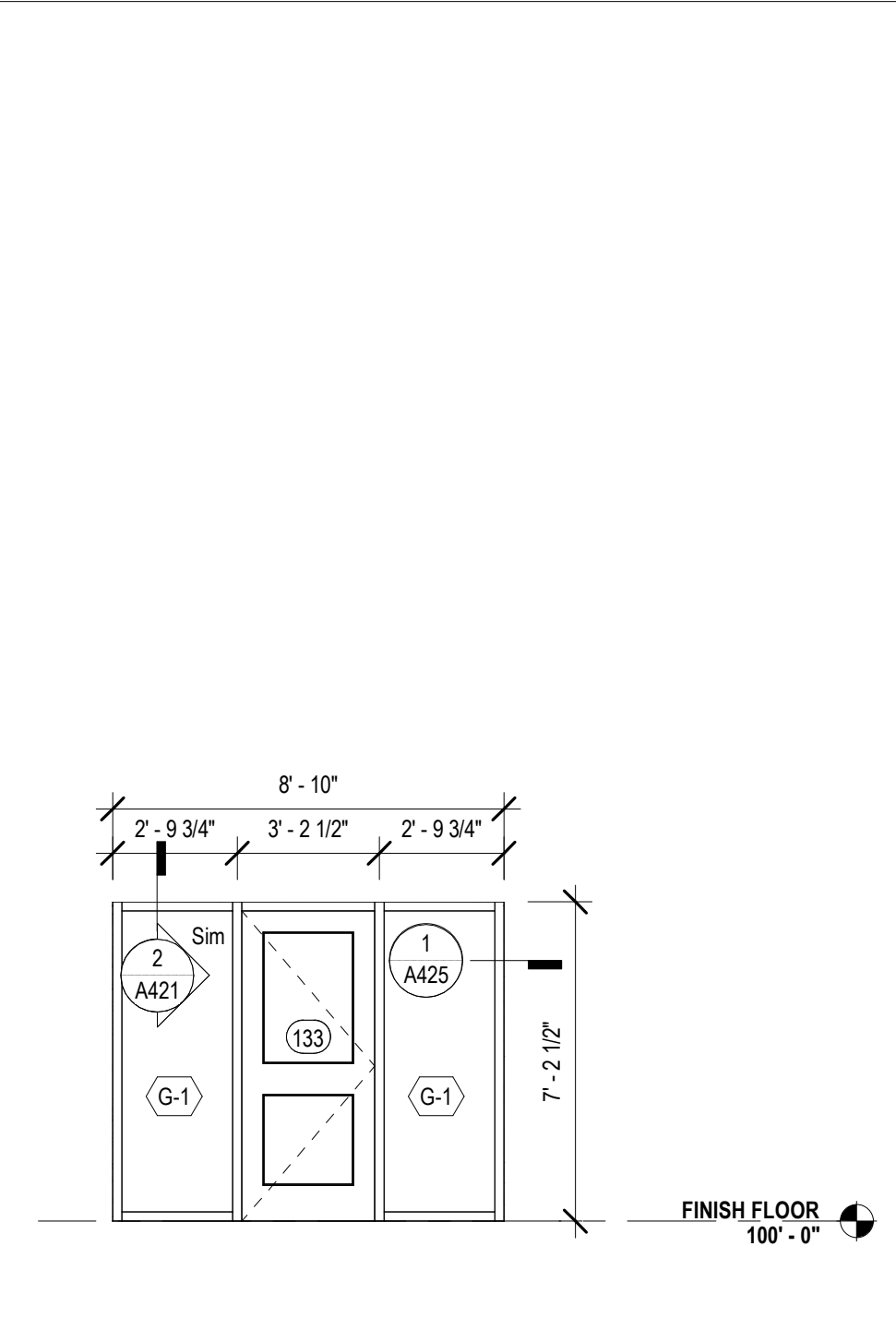
SHEET TITLE

CURTAIN WALL OPENING ELEVATIONS

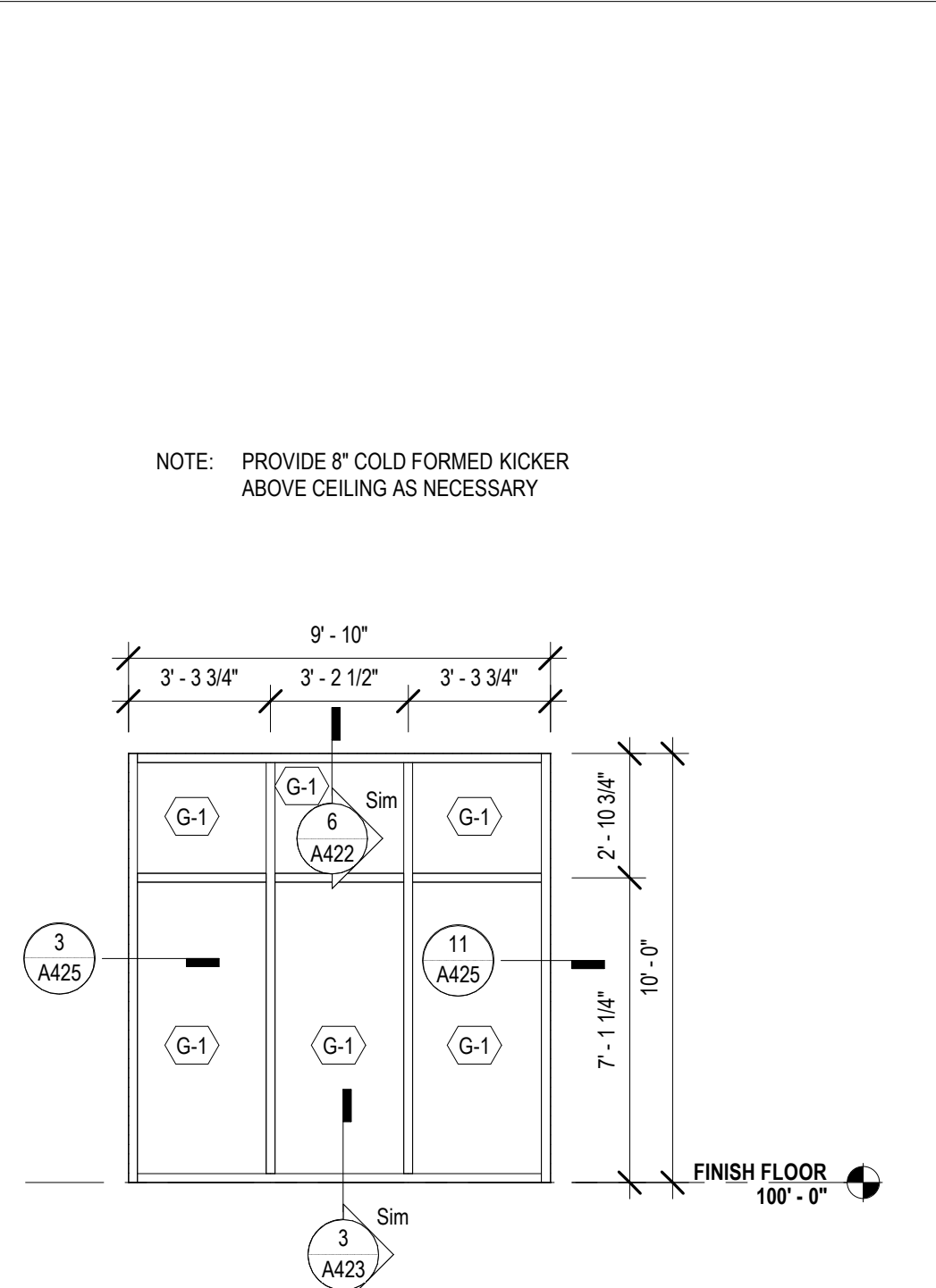
PROJECT NO.	SHEET NO.
MBA - 11884	A221
ABM - 201813	

GLAZED OPENING SCHEDULE						
MARK	OPENING TYPE	GLAZING TYPE	FRAME DETAILS			
			HEAD	JAMB	SILL	
CW-A	CURTAIN WALL		3 / A421 SIM	12 / A425	3 / A421 SIM, 3 / A423 SIM	
CW-B	CURTAIN WALL		4 / A421		1 / A421	
CW-C	CURTAIN WALL		3 / A421	2 / A426	3 / A423 SIM	
CW-D	CURTAIN WALL		05 / A423 SIM	2 / A426	3 / A420 SIM	
CW-E	CURTAIN WALL		4 / A420	1 / A426, 2 / A426	3 / A420	
CW-F	CURTAIN WALL		4 / A424	2 / A425	3 / A420 SIM	
CW-G	CURTAIN WALL		6 / A423	9 / A425, 10 / A425	3 / A423	
CW-H	CURTAIN WALL		2 / A424	10 / A425	3 / A423 SIM	
CW-K	CURTAIN WALL		2 / A421	1 / A425	1 / A421 SIM	
CW-L	CURTAIN WALL		6 / A423 SIM	9 / A425	3 / A423 SIM	
CW-M	CURTAIN WALL		05 / A423	11 / A425	05 / A423, 3 / A423 SIM	
CW-N	CURTAIN WALL		1 / A420	7 / A425	1 / A420	
CW-P	CURTAIN WALL		1 / A420	8 / A425	1 / A420	
ESF-A	EXTERIOR STOREFRONT		6 / A422 SIM	5 / A425	2 / A210	
ESF-B	EXTERIOR STOREFRONT		6 / A422	5 / A425, 6 / A425	3 / A422	
ESF-C	EXTERIOR STOREFRONT		6 / A422 SIM	6 / A425 SIM	3 / A423 SIM	
ESF-D	EXTERIOR STOREFRONT		6 / A422 SIM	6 / A425 SIM	3 / A422 SIM	
ESF-E	EXTERIOR STOREFRONT		6 / A422 SIM	6 / A425 SIM	3 / A423 SIM	
ESF-F	EXTERIOR STOREFRONT		2 / A420 SIM	8 / A425 SIM	1 / A420 SIM	
ESF-G	EXTERIOR STOREFRONT		6 / A422 SIM	6 / A425	3 / A423 SIM	
ESF-H	EXTERIOR STOREFRONT		2 / A421 SIM	1 / A425	3 / A423 SIM	
ESF-I	EXTERIOR STOREFRONT		6 / A422 SIM	11 / A425, 3 / A425	3 / A423 SIM	
ESF-J	EXTERIOR STOREFRONT		1 / A424	9 / A425 SIM	1 / A424	
ESF-K	EXTERIOR STOREFRONT		6 / A422 SIM	6 / A425 SIM	3 / A423 SIM	
ESF-L	EXTERIOR STOREFRONT		6 / A422 SIM	6 / A425 SIM	3 / A423 SIM	

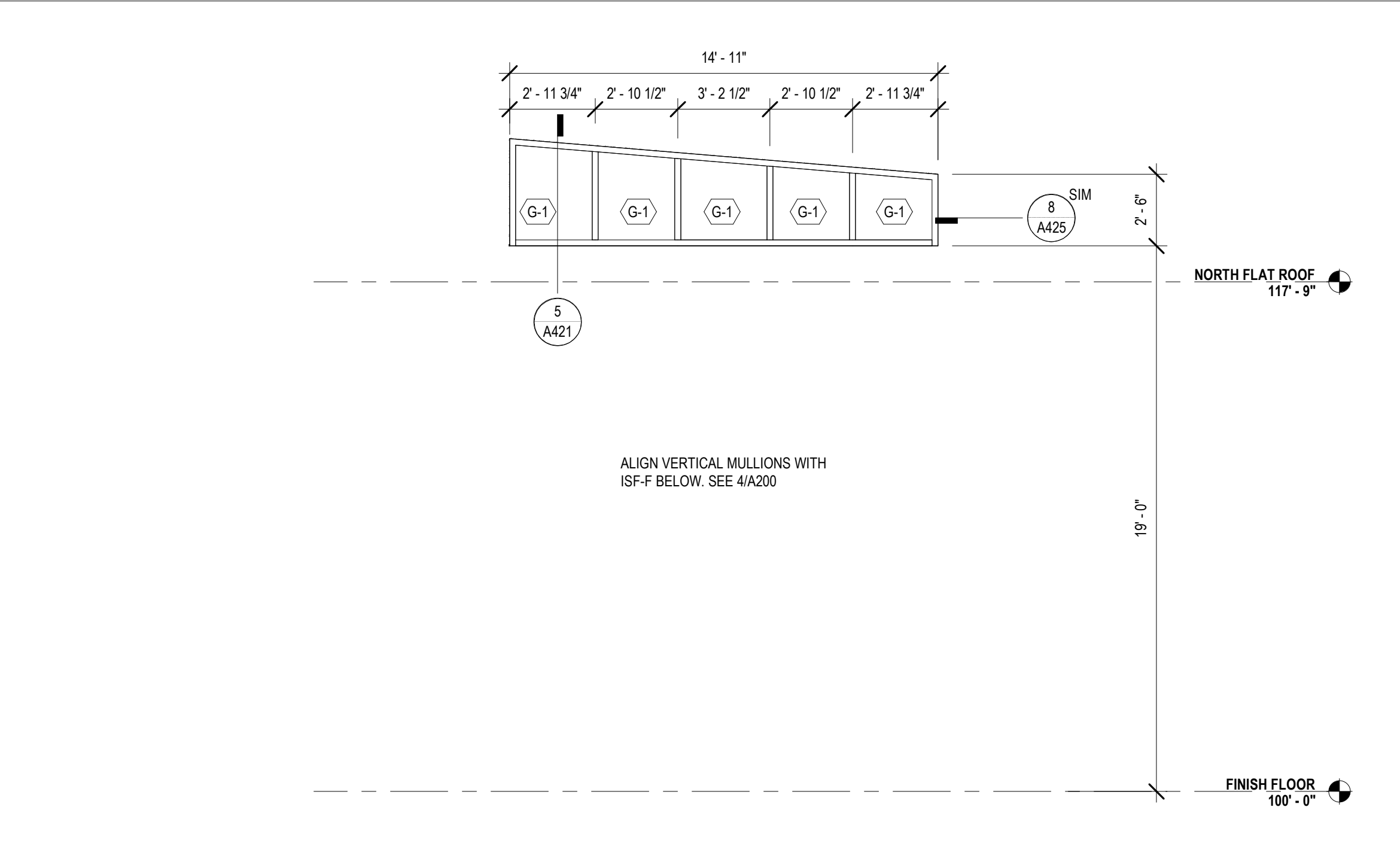
MATERIALS KEYING/ GENERAL NOTES	
CURTAIN WALL SHEET DIRECTORY	
MARK	SHEET NO.
CW-A @ LOBBY N	A220
CW-C @ LOBBY SOUTH	A220
CW-M @ COLLECTION & SEATING EAST	A221
ESF-K @ QUIET READING	A222
CURTAIN WALL	
CW-A @ LOBBY NORTH - ALT 1	
CW-B @ LOBBY EAST	A220
CW-C @ LOBBY SOUTH - ALT 3	
CW-D @ MULTI. EAST	A220
CW-E @ MULTI-PURPOSE SOUTH	A220
CW-F @ MULTI. WEST	A220
CW-G @ CHILDRENS NORTH	A220
CW-H @ SCREEN WALL @ COVERED PORCH	A221
CW-K @ QUIET READING NORTH	A221
CW-L @ COLLECTION & SEATING NORTH	A221
CW-M @ COLLECTION & SEATING EAST ALT 2	A221
CW-N @ TEEN AREA	A221
CW-P @ TEEN EAST	A221
EXTERIOR STOREFRONT	
ESF-A @ MEET. EAST	A222
ESF-B @ MEETING ROOM SOUTH	A222
ESF-C @ STAFF LOUNGE SOUTH	A222
ESF-D @ STAFF WORKROOM WEST	A222
ESF-E @ STAFF WK. SOUTH	A222
ESF-F @ CHLD. PROGRAM	A222
ESF-G	A222
ESF-H @ COVERED PORCH	A222
ESF-I @ GROUP STUDY NORTH	A222
ESF-L @ HVAC 3	A222
INTERIOR STOREFRONT	
ICW-A	A200
ICW-B	A200
ISF-C / ISF-D	A200
ISF-D	
ISF-F / ESF-K	A200
ISF-G	A200



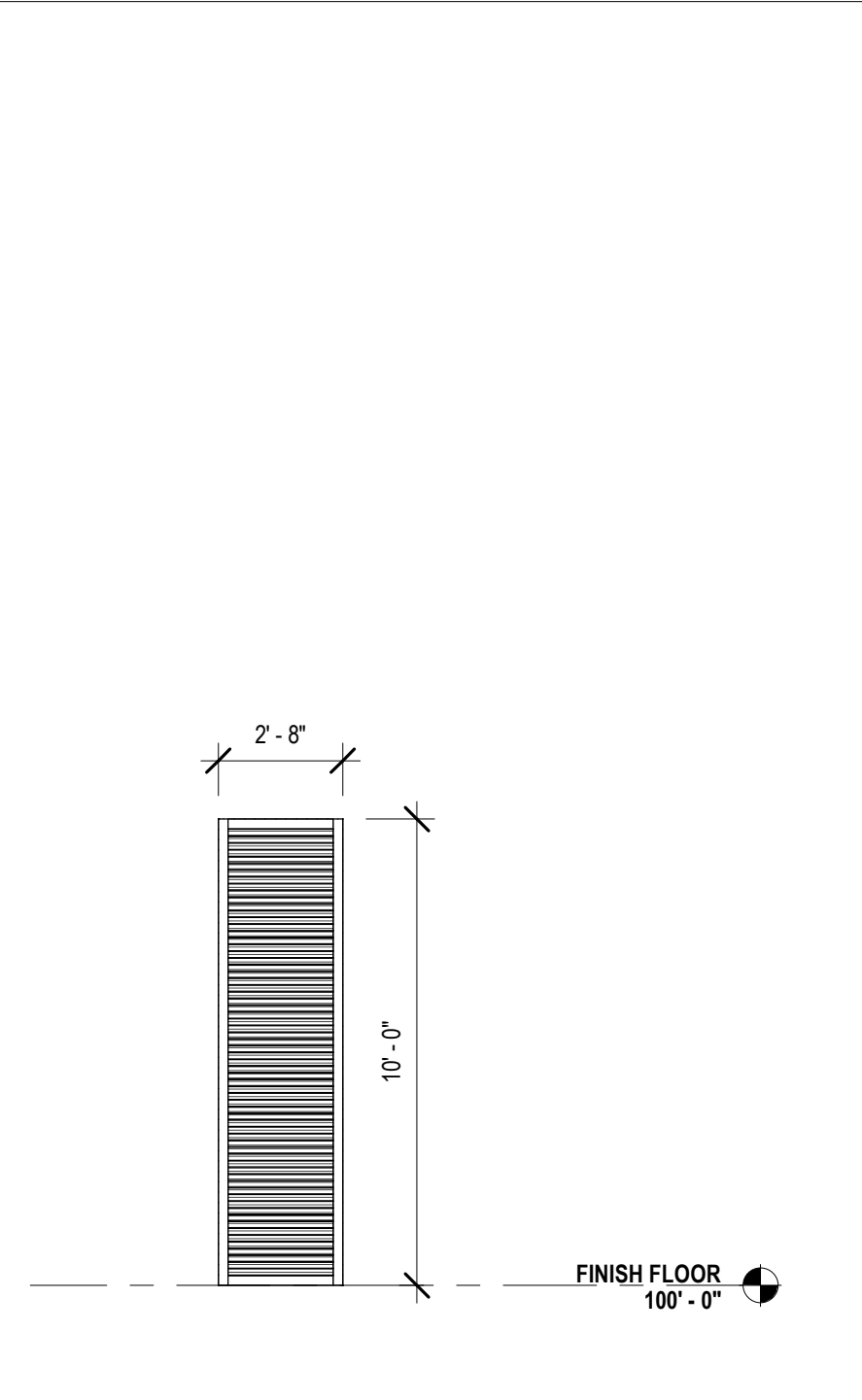
8 ESF-H @ COVERED PORCH
A222 1/4" = 1'-0"



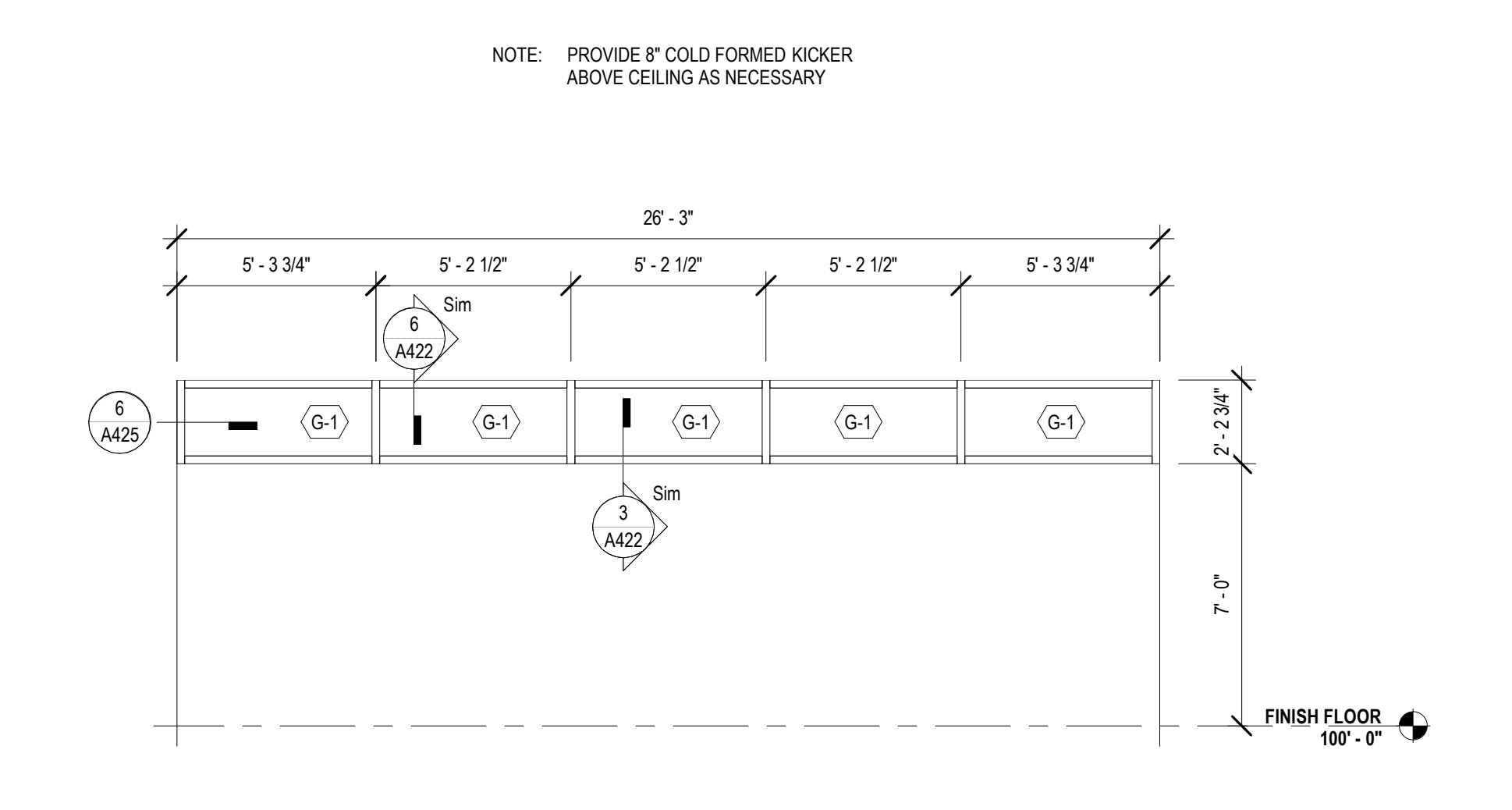
9 ESF-J @ GROUP STUDY NORTH
A222 1/4" = 1'-0"



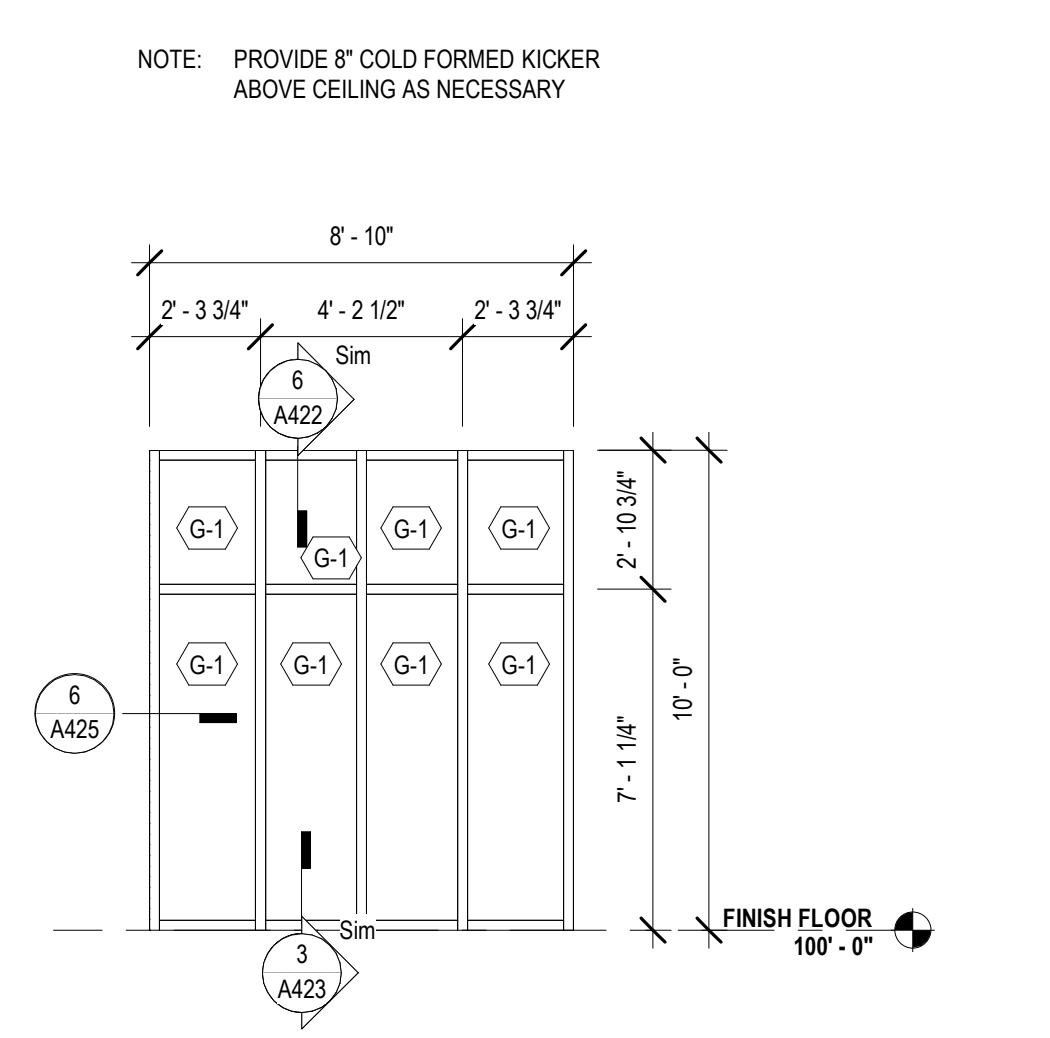
10 ESF-K @ QUIET READING
A222 1/4" = 1'-0"



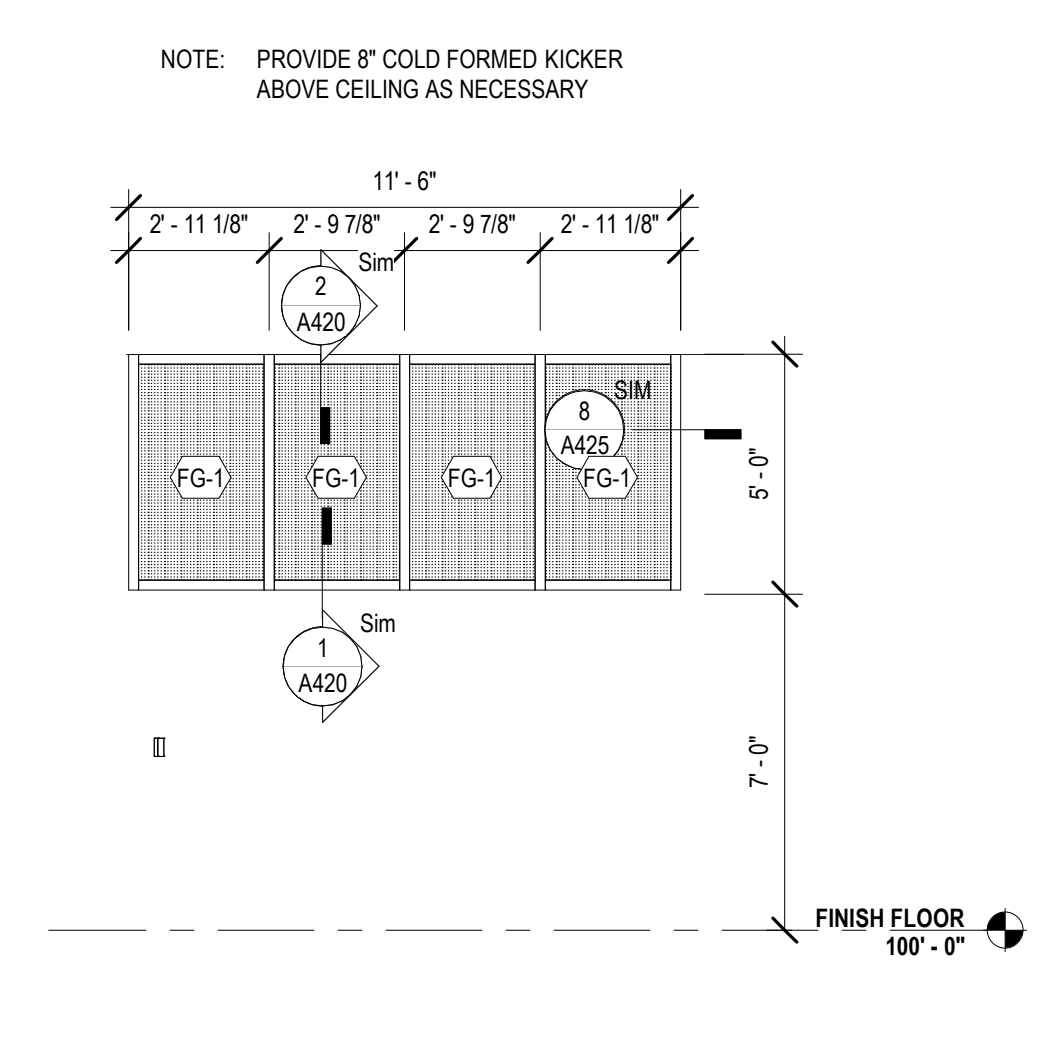
11 ESF-L @ HVAC 3
A222 1/4" = 1'-0"



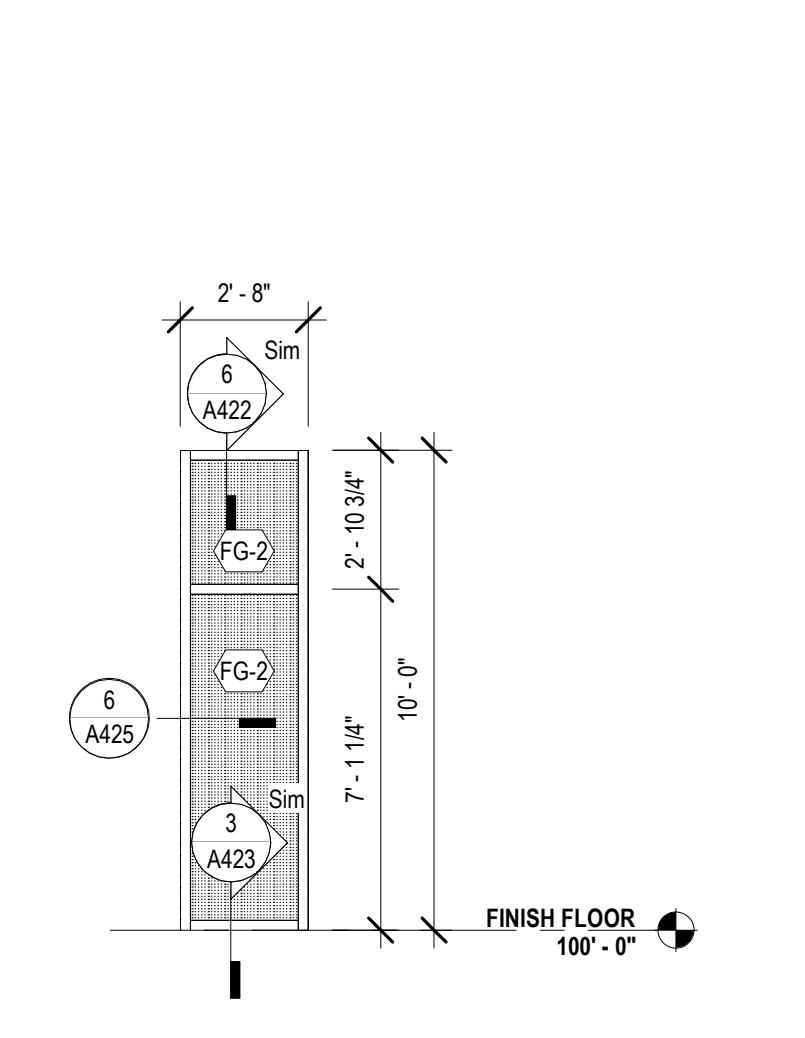
4 ESF-D @ STAFF WORKROOM WEST
A222 1/4" = 1'-0"



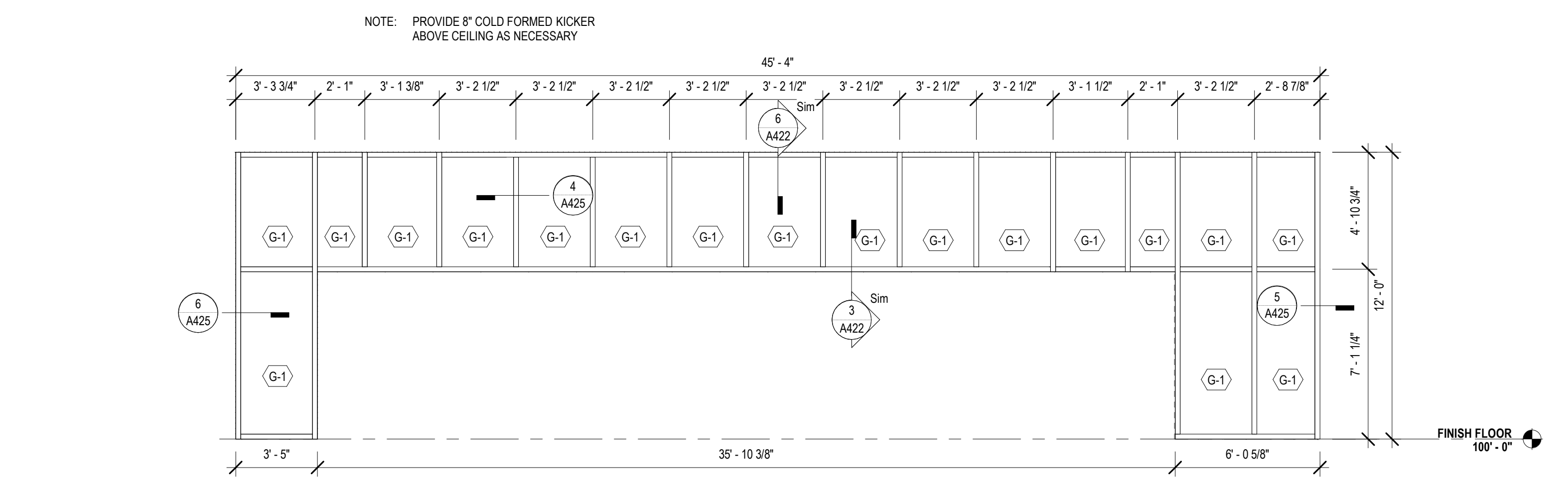
5 ESF-E @ STAFF WK. SOUTH
A222 1/4" = 1'-0"



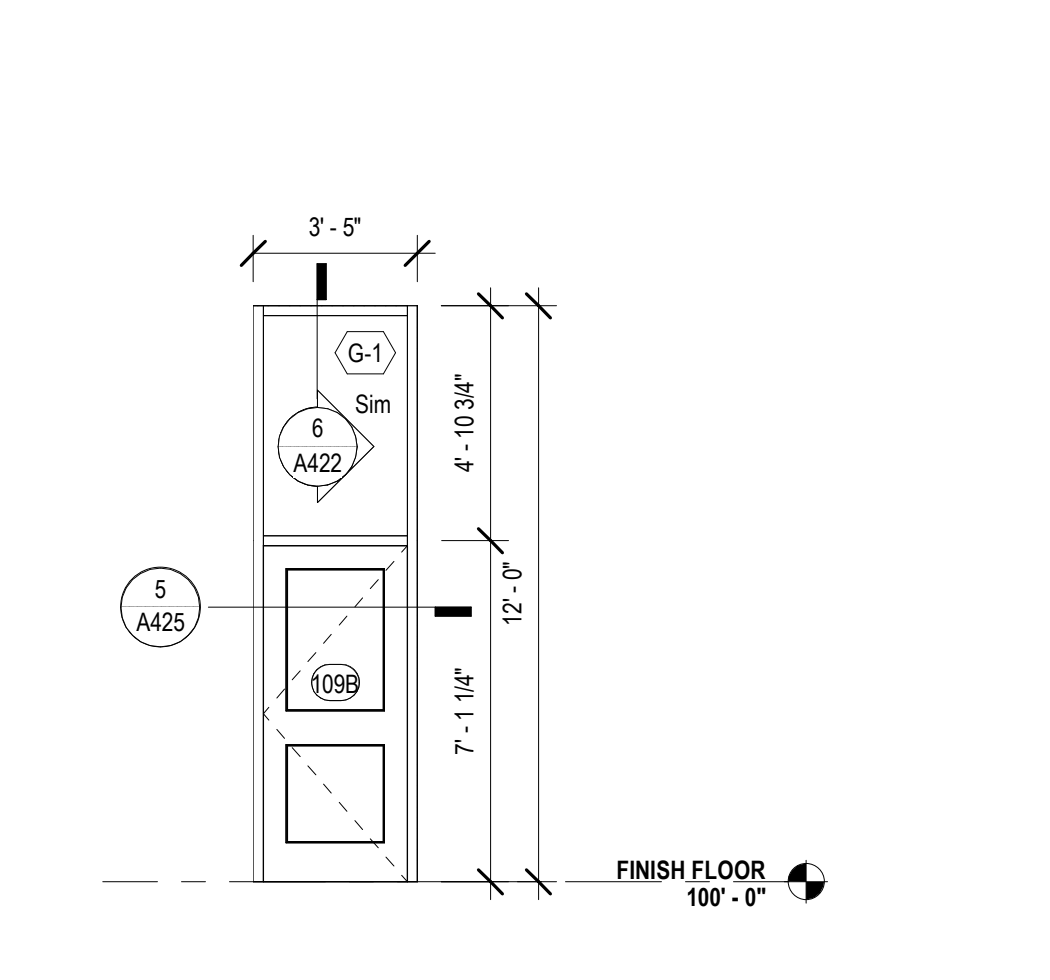
6 ESF-F @ CHLD. PROGRAM.
A222 1/4" = 1'-0"



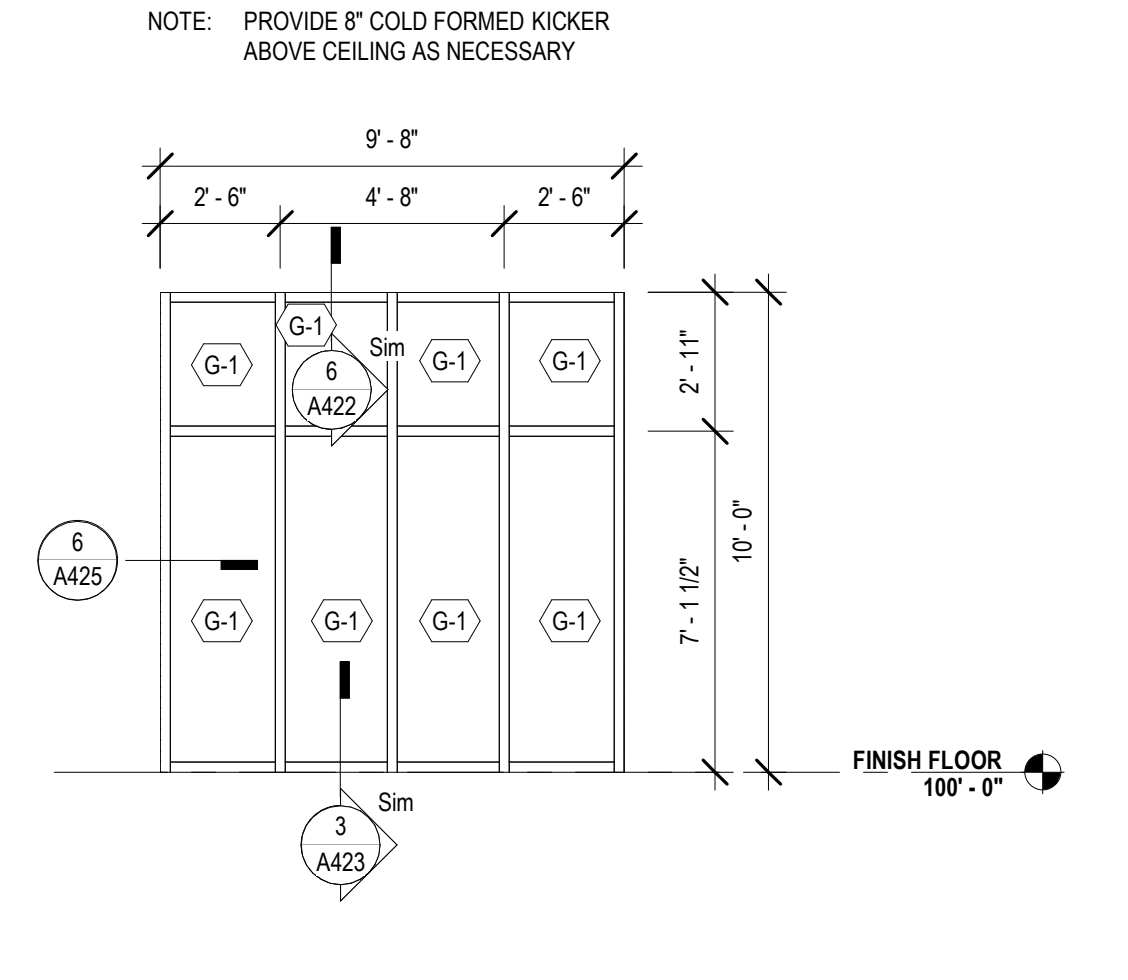
7 ESF-G
A222 1/4" = 1'-0"



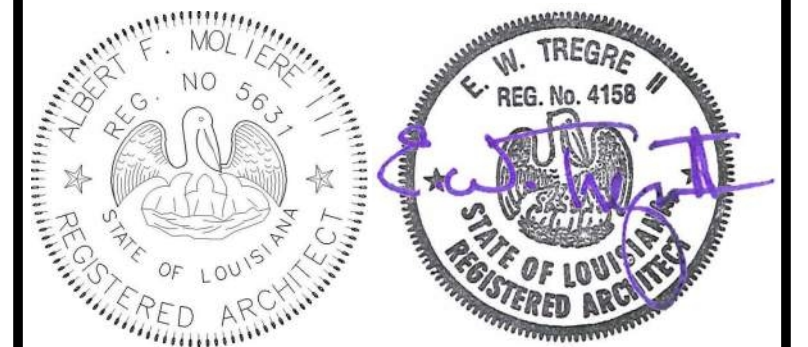
1A ESF-B @ MEETING ROOM SOUTH
A222 1/4" = 1'-0"



2 ESF-A @ MEET. EAST
A222 1/4" = 1'-0"



3 ESF-C @ STAFF LOUNGE SOUTH
A222 1/4" = 1'-0"



No.	Description	Date

KEY PLAN



Mathes Brierre + MBM
ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
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PROJECT TITLE

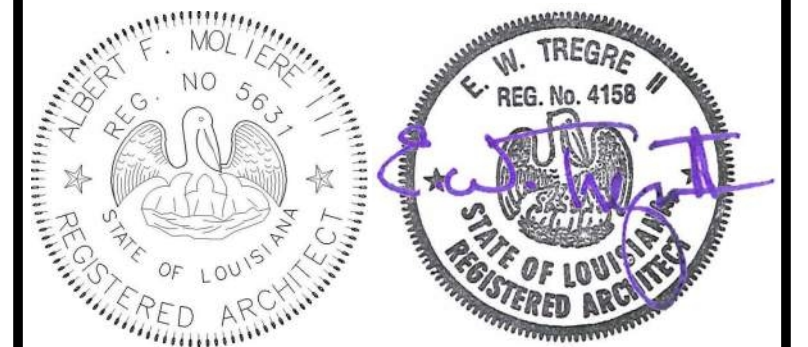
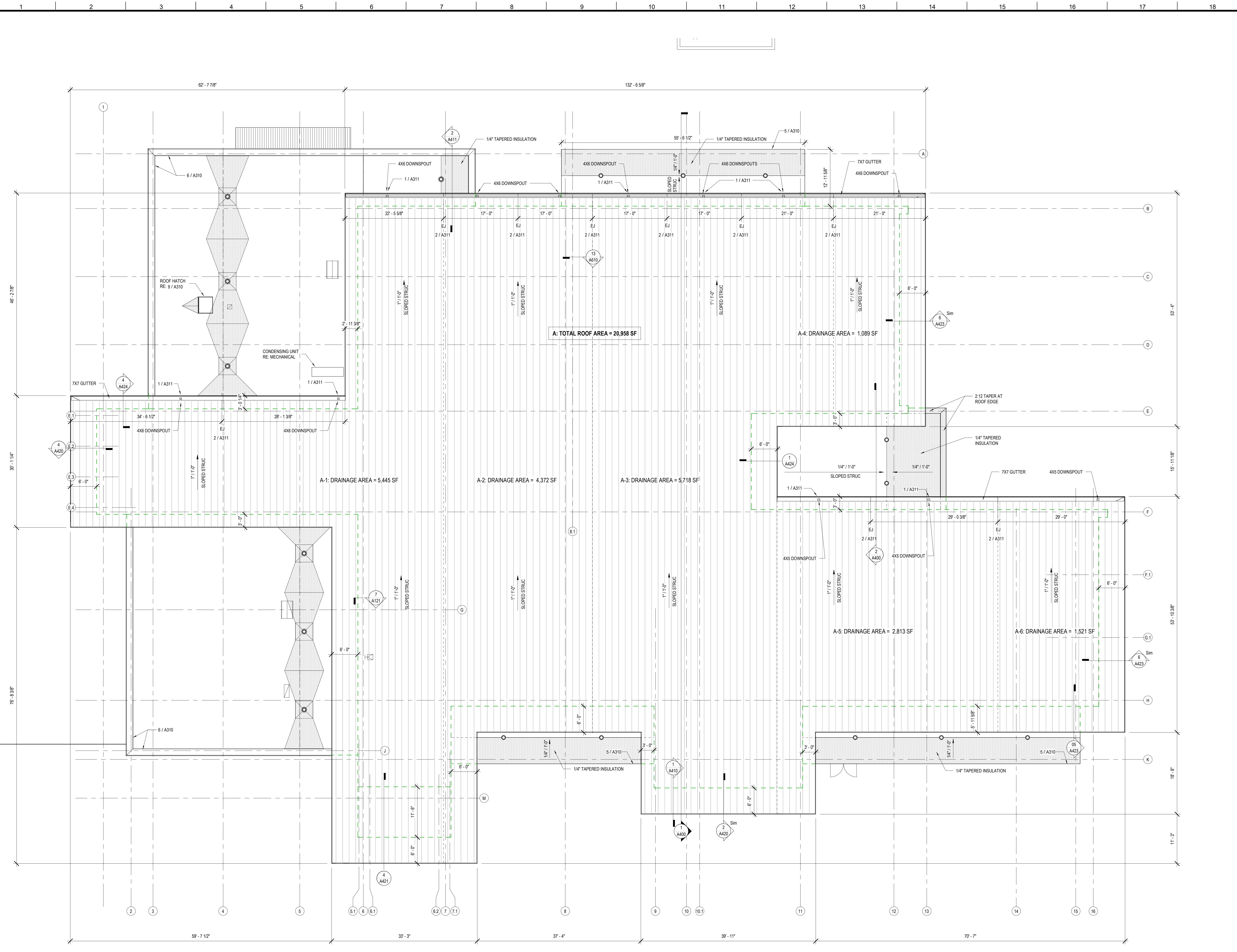
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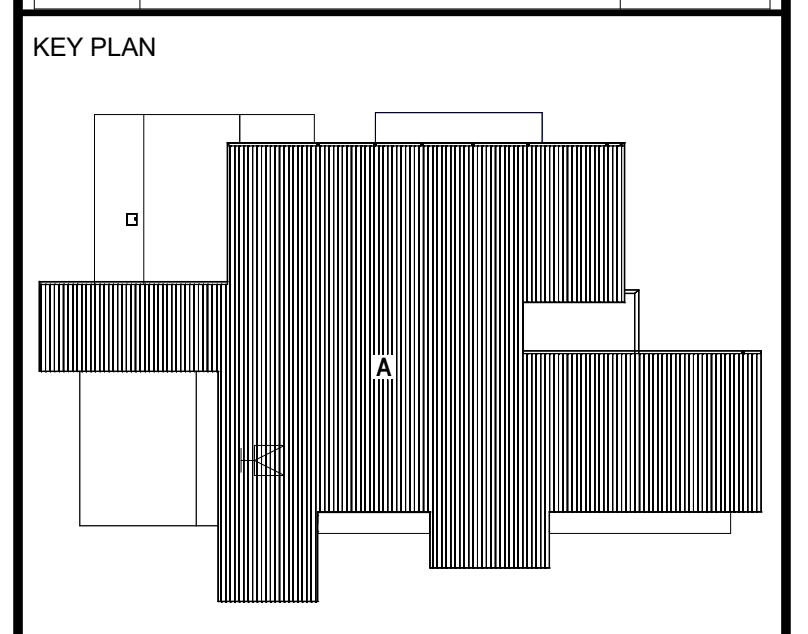
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DESIGNED BY	MBA/ABM	CHECKED BY	AM/PP
DRAWN BY	MP/SC/ALB	DATE	05.05.2023
SHEET TITLE			
STOREFRONT OPENING ELEVATIONS			
PROJECT NO.	MBA - 11884	SHEET NO.	A222
	ABM - 201813		

PATTERN	DESCRIPTION
[Pattern]	FLAT INSULATION
[Pattern]	TAPERED INSULATION
[Pattern]	STANDING SEAM



No.	Description	Date



Mathes Brierre + MBM
 ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
 A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
 New Orleans, Louisiana 70170-4100
 Voice: 504.586.9303 Fax: 504.582.1305

300 Heymann Blvd.
 Lafayette, Louisiana 70503
 337.233.0614

PROJECT TITLE

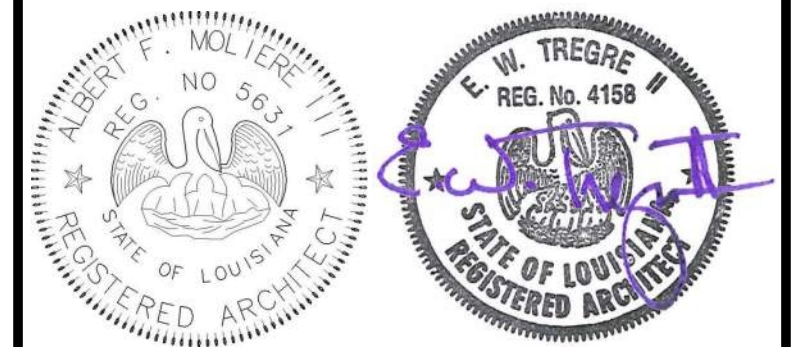
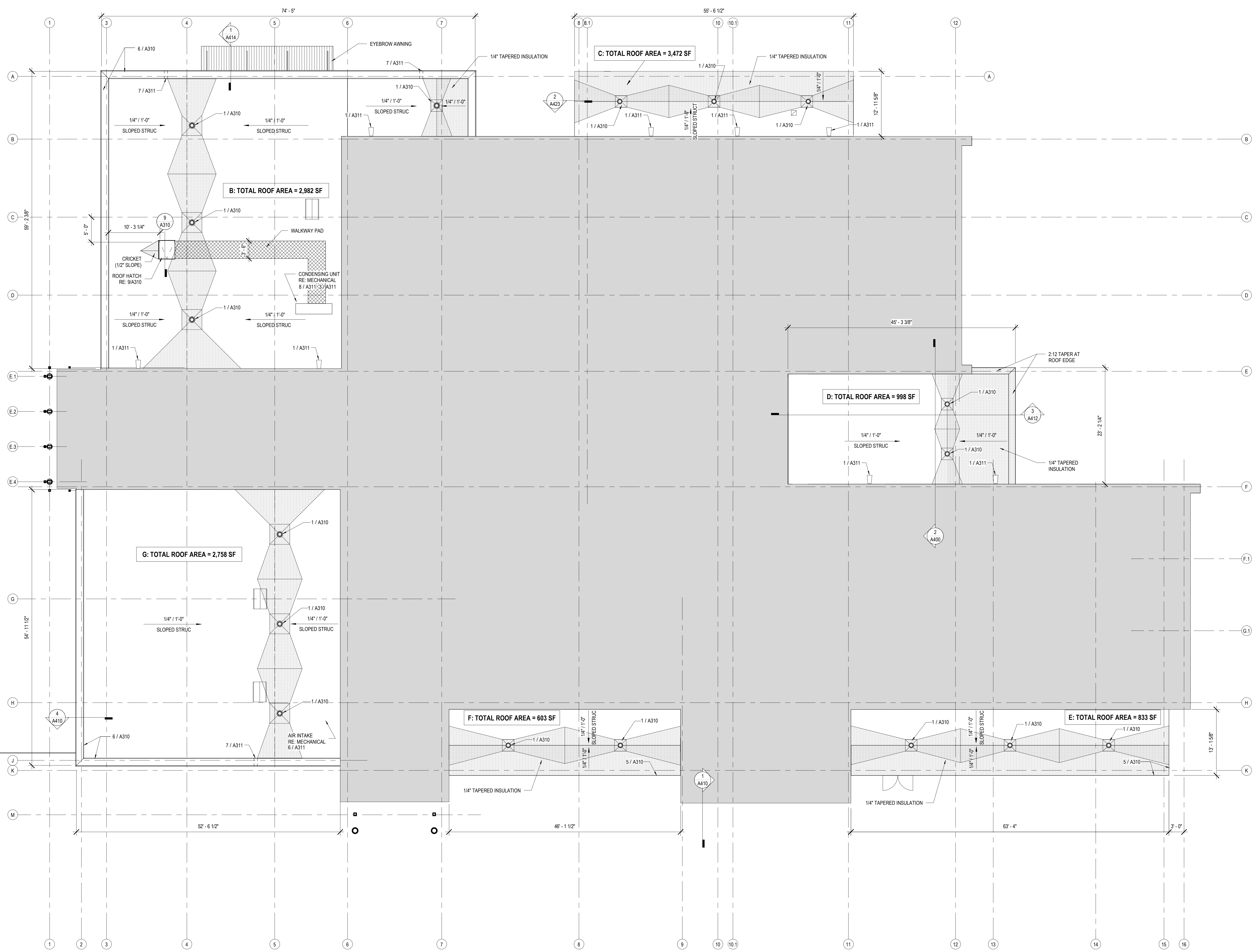
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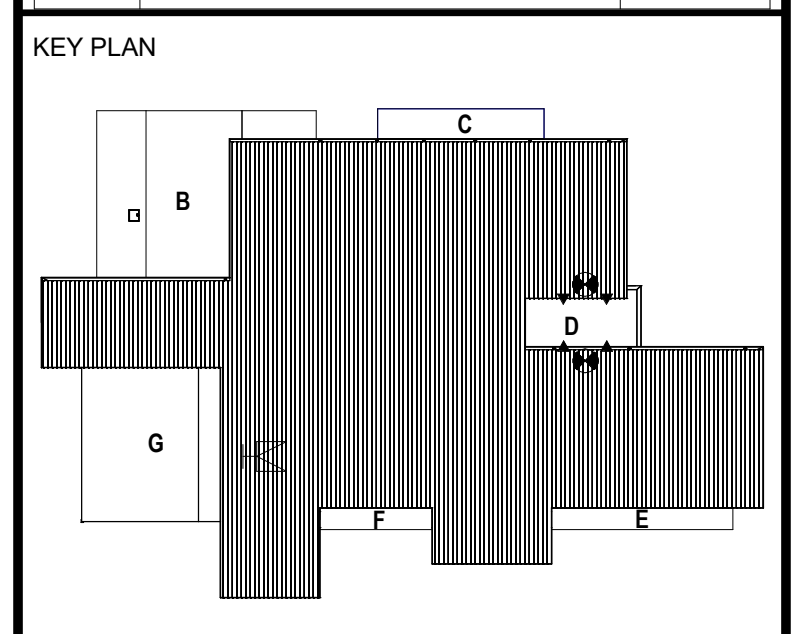
PERMIT DOCUMENTS

DESIGNED BY	MBA/ABM	CHECKED BY	AM/PP
DRAWN BY	MP/SC/ALB	DATE	05.05.2023
SHEET TITLE			
HIGH ROOF PLAN			
PROJECT NO.	MBA - 11884	SHEET NO.	A300
	ABM - 201813		

1 HIGH ROOF PLAN
 A300 1/8" = 1'-0"



No.	Description	Date



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 Lafayette, Louisiana 70503
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PROJECT TITLE

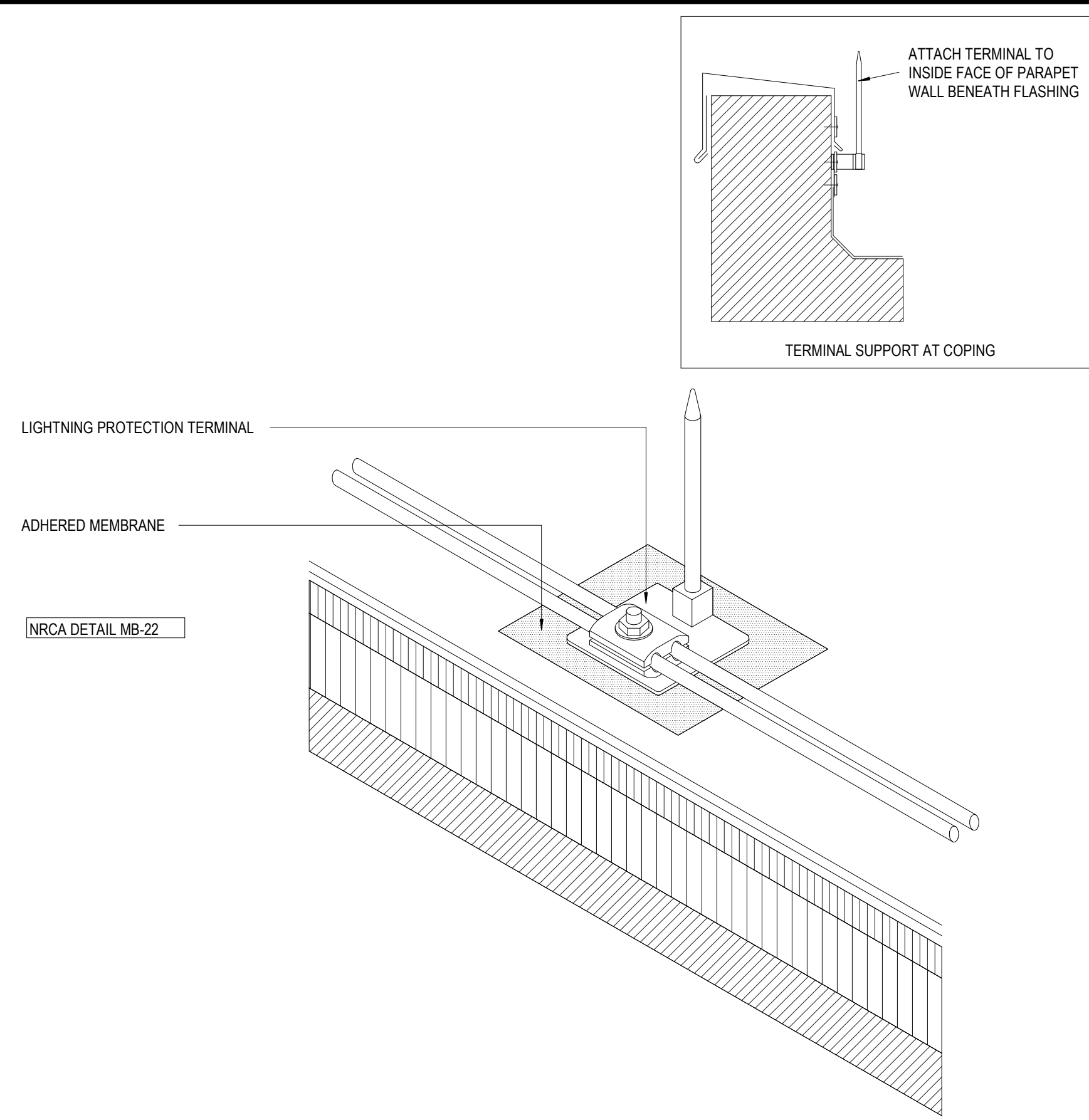
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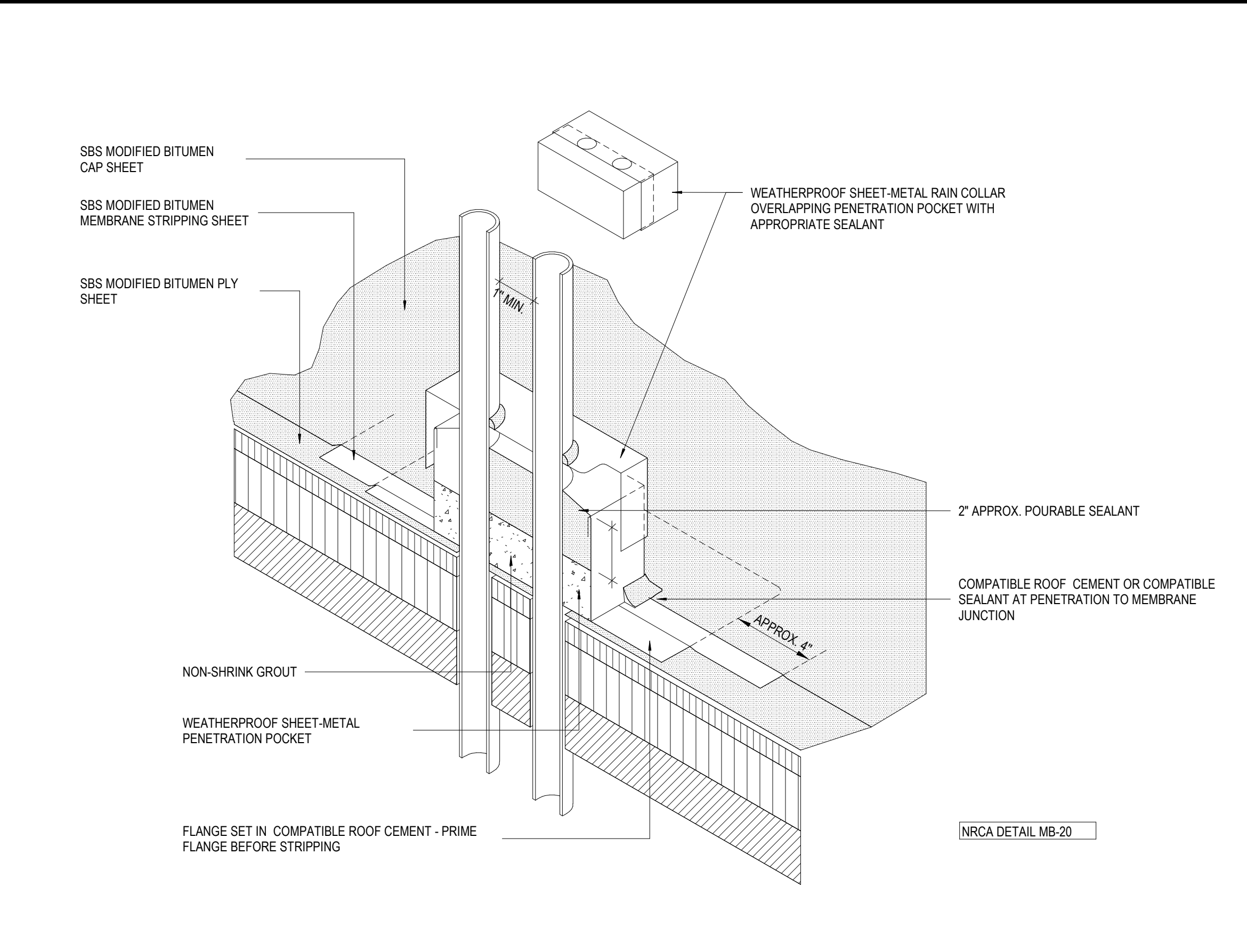
PERMIT DOCUMENTS

DESIGNED BY	MBA/ABM	CHECKED BY	AM/PP
DRAWN BY	MP/SC/ALB	DATE	05.05.2023
SHEET TITLE			
LOW ROOF PLAN			
PROJECT NO.	MBA - 11884	SHEET NO.	A301
	ABM - 201813		

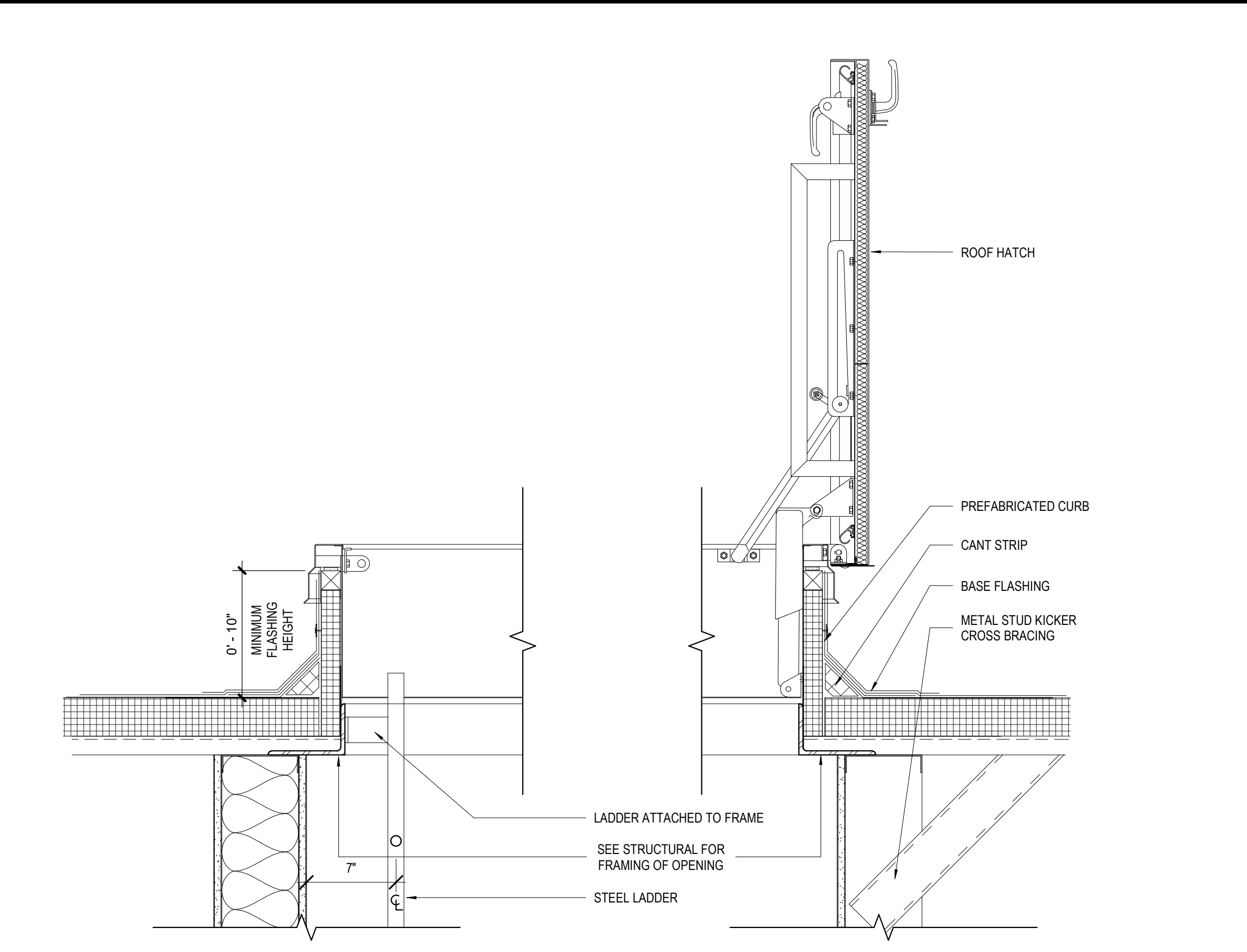
1 LOW ROOF
 A301 1/8" = 1'-0"



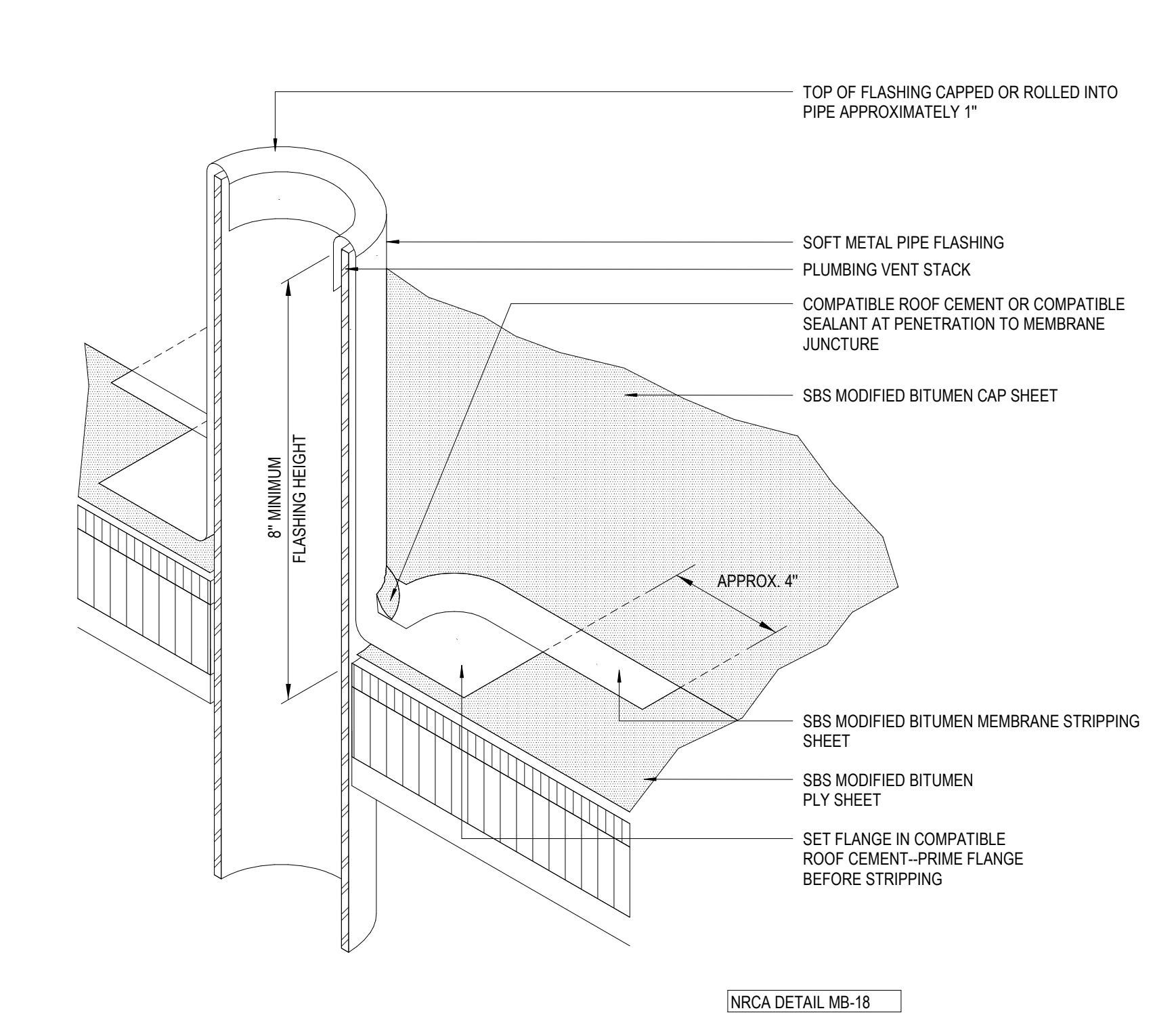
7 PICTORIAL VIEW AT LIGHTNING PROTECTION
A310 1" = 1'-0"



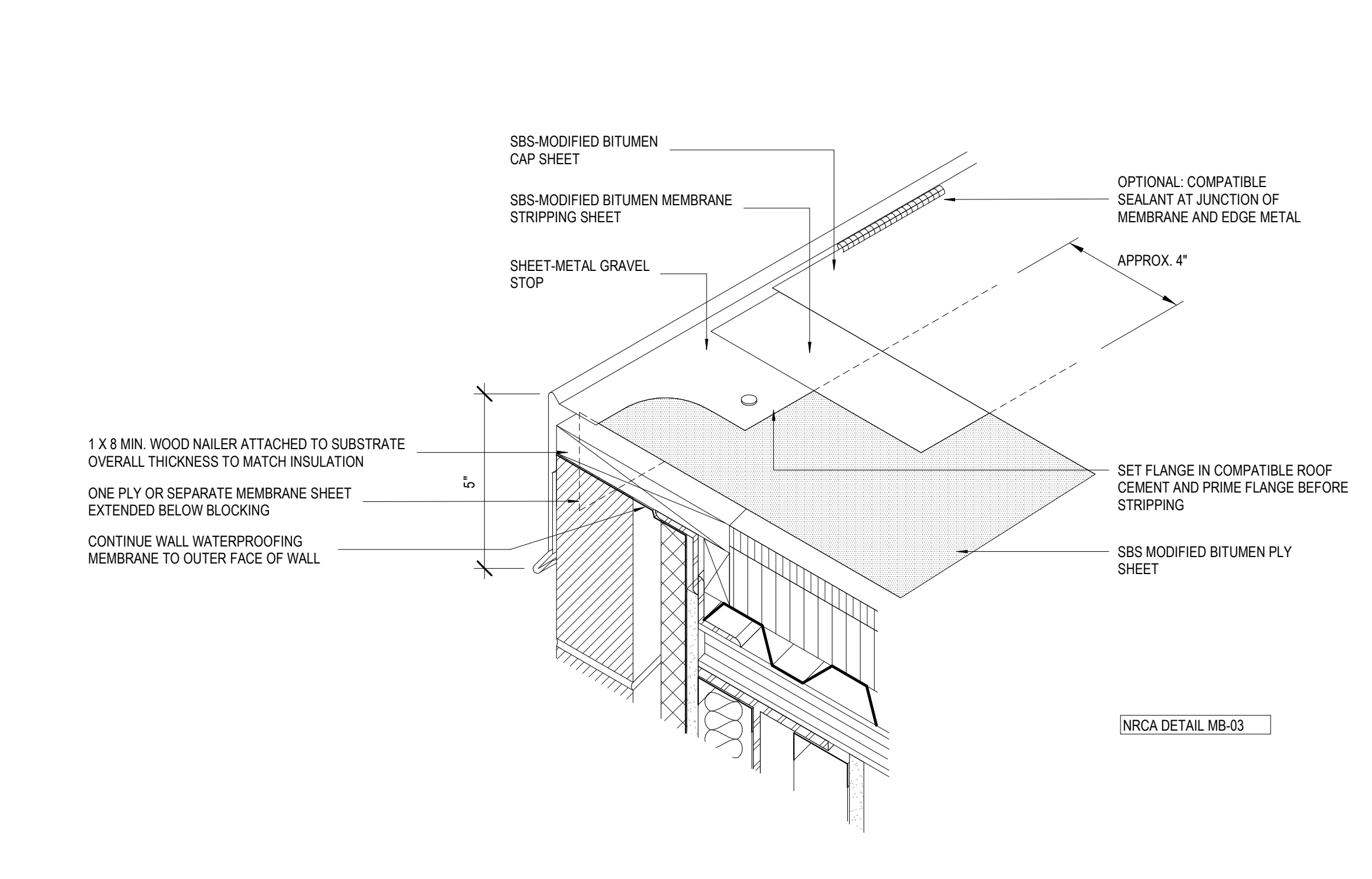
8 PICTORIAL VIEW AT PENETRATION POCKET
A310 1" = 1'-0"



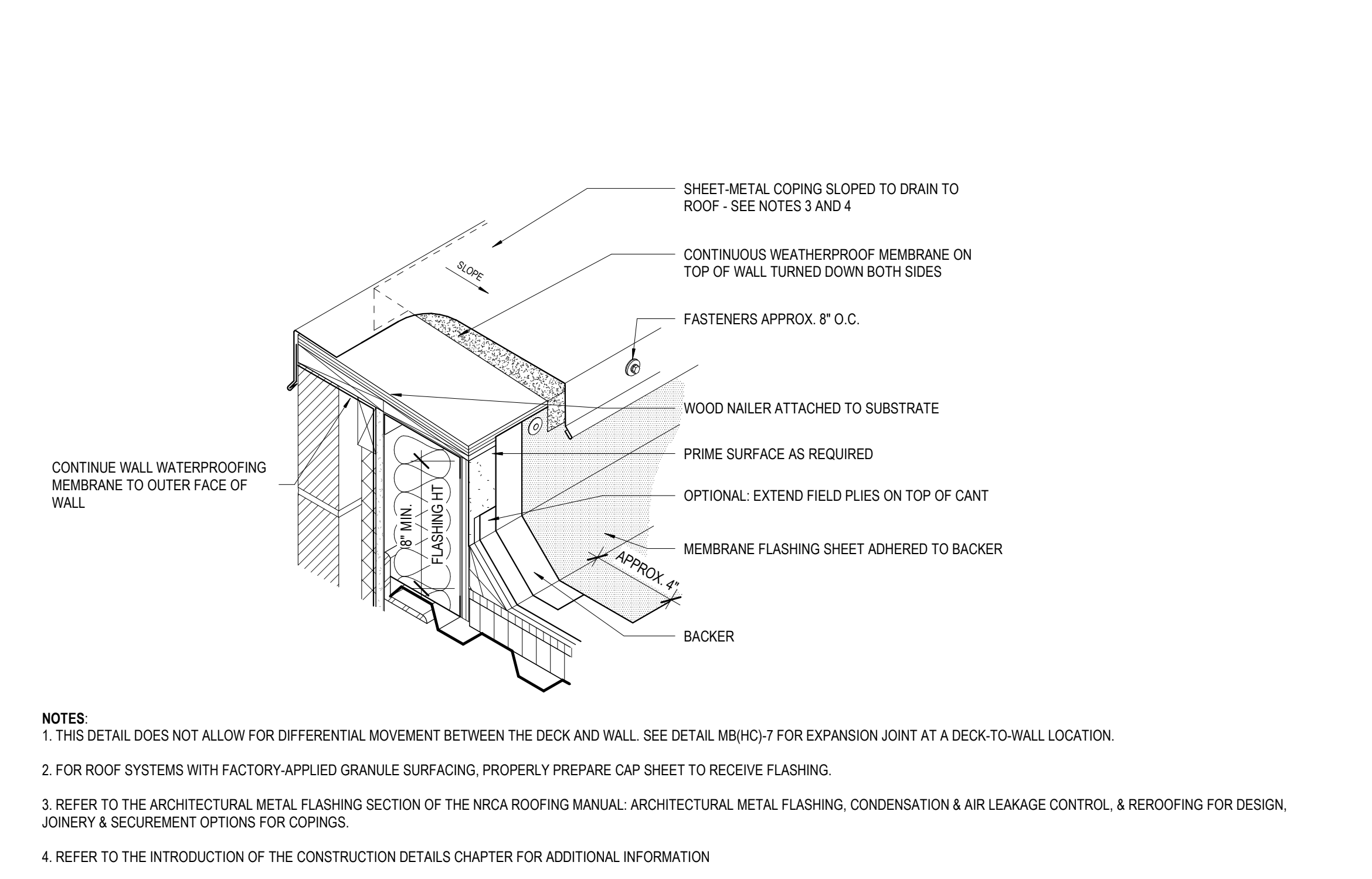
9 ROOF HATCH DETAIL
A310 1 1/2" = 1'-0"



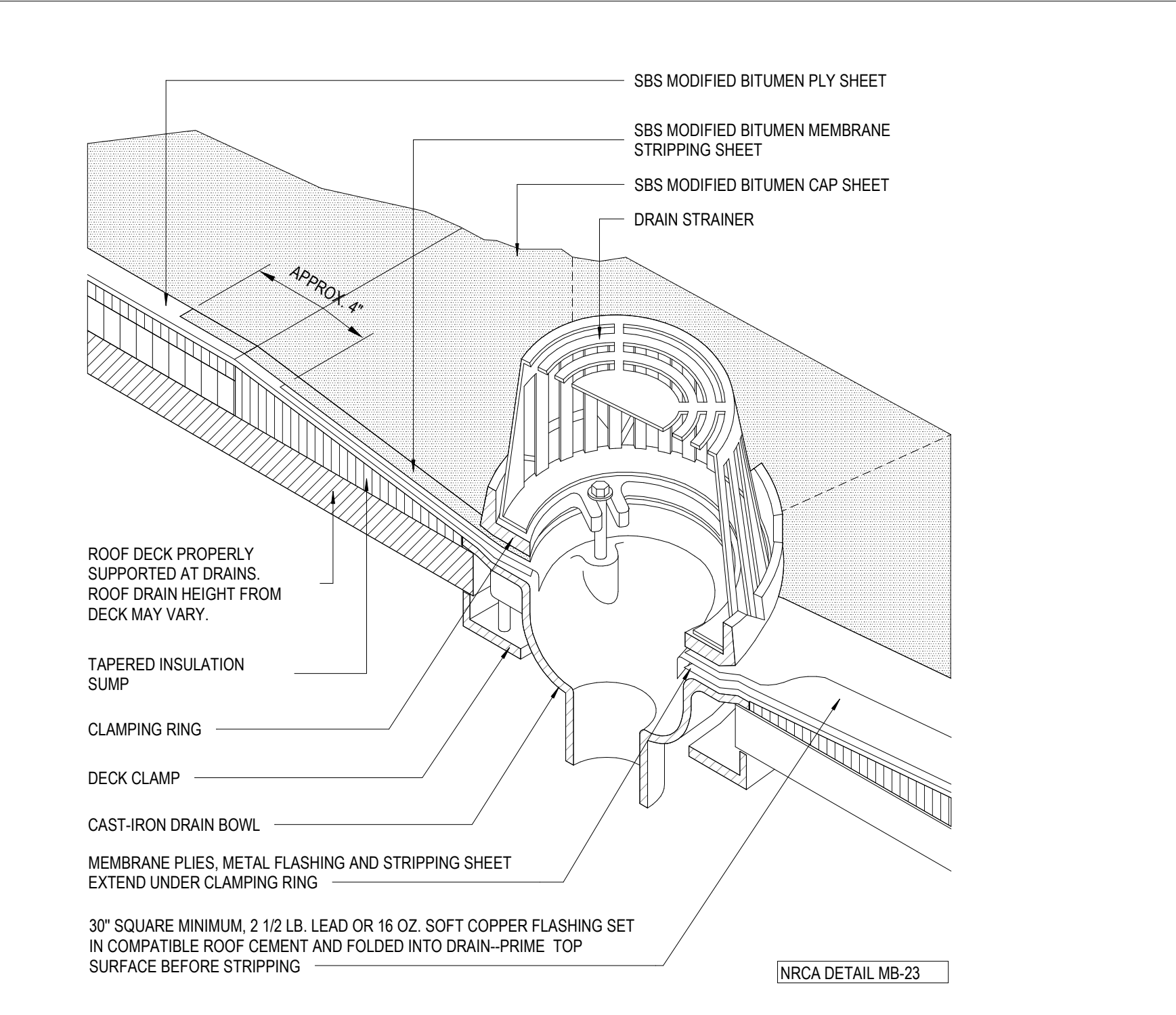
4 PICTORIAL VIEW AT PLUMBING VENT
A310 1" = 1'-0"



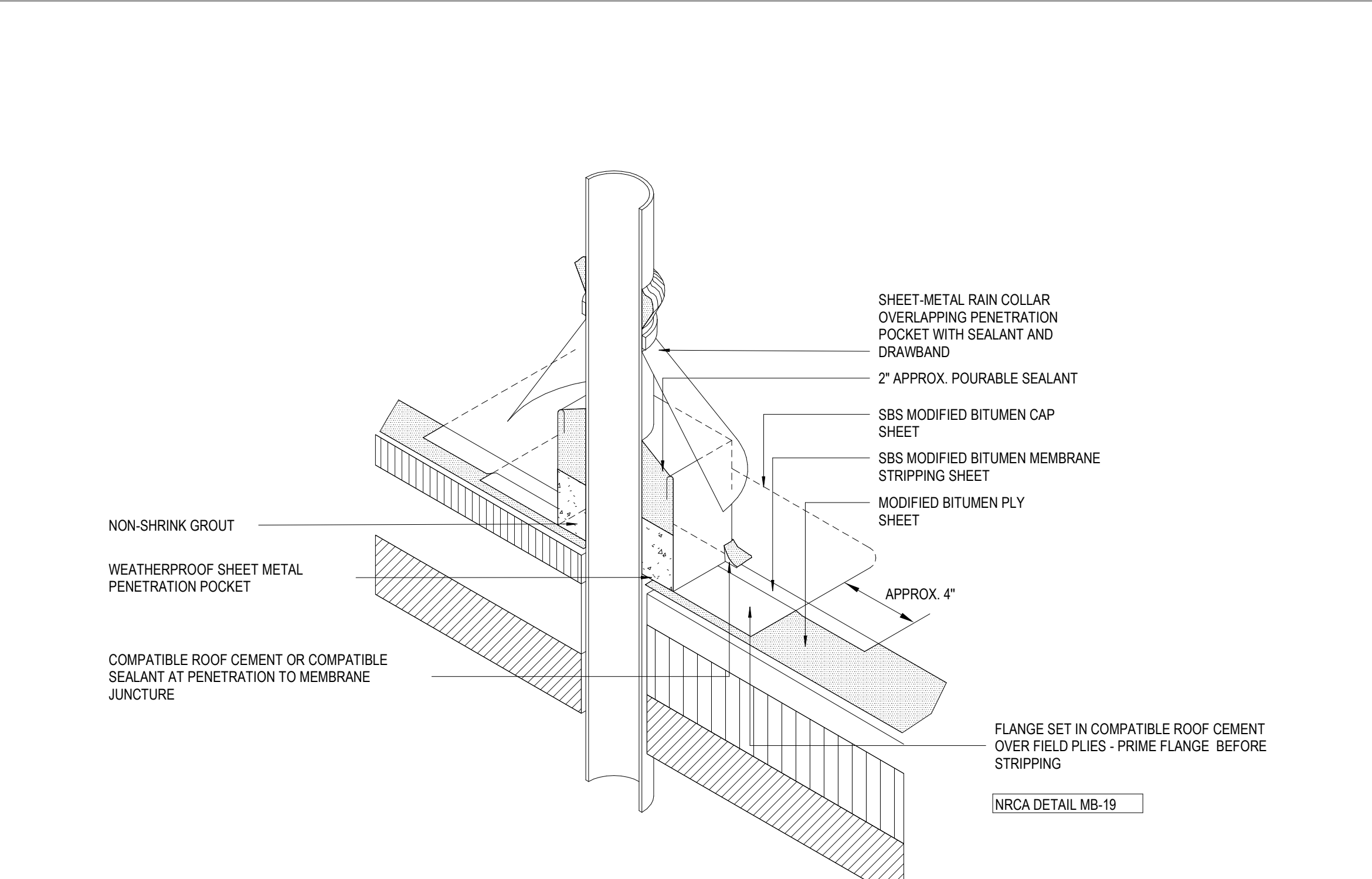
5 PICTORIAL VIEW AT EMBEDDED EDGE
A310 1" = 1'-0"



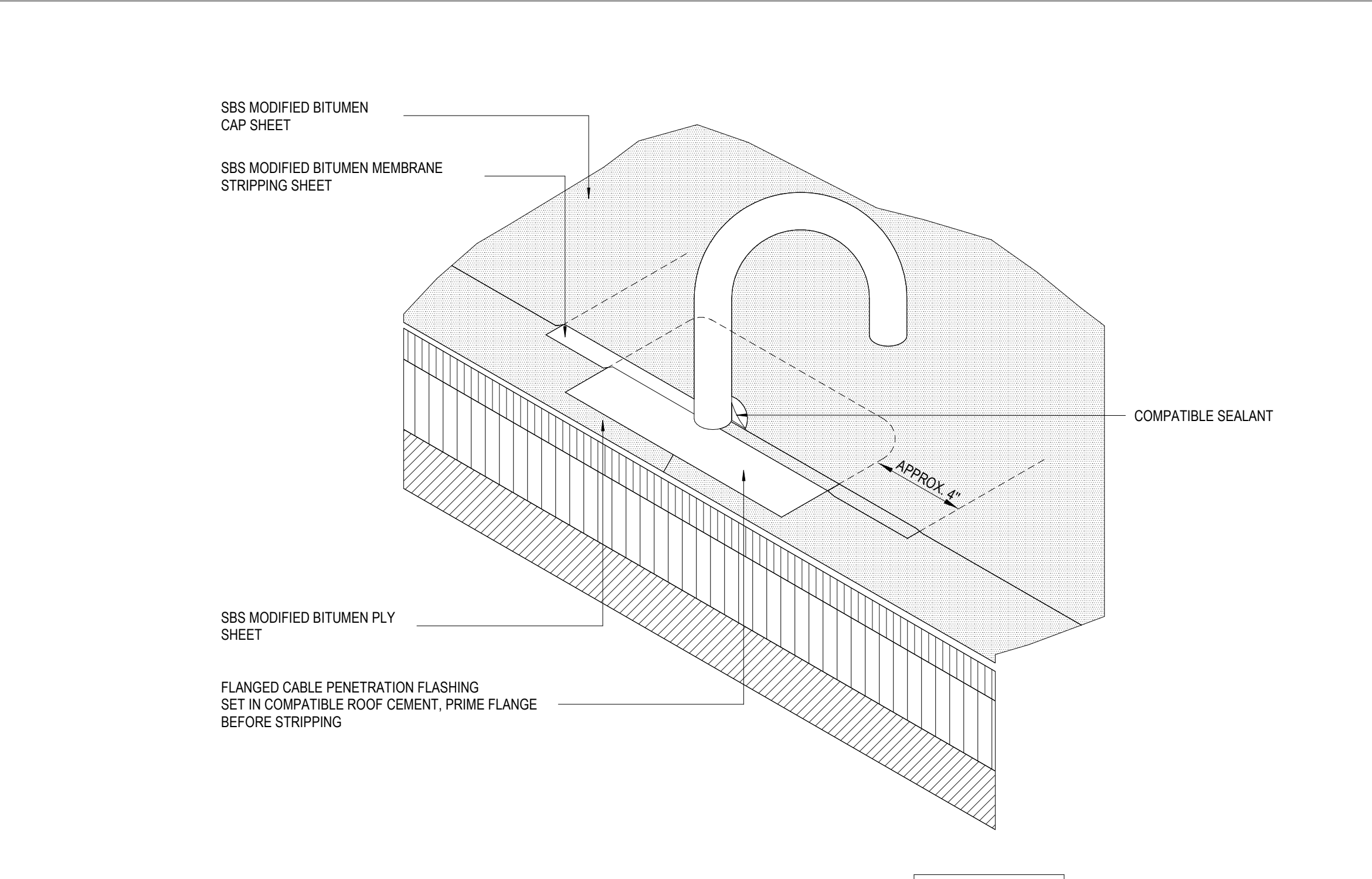
6 PICTORIAL VIEW AT PARAPET
A310 1" = 1'-0"



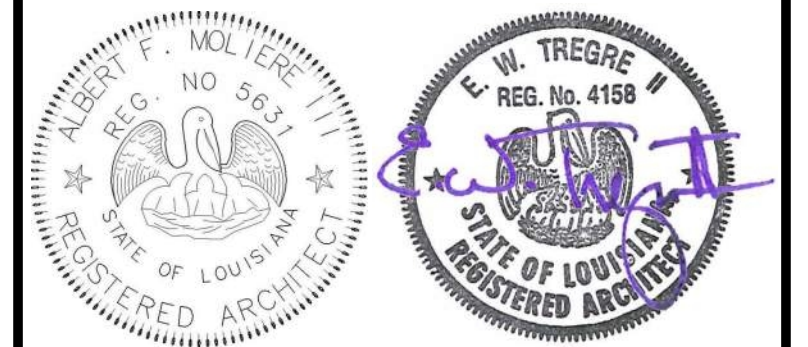
1 PICTORIAL VIEW AT ROOF DRAIN
A310 1" = 1'-0"



2 PICTORIAL VIEW AT PENETRATION POCKET
A310 1" = 1'-0"



3 PICTORIAL VIEW AT CABLE PENETRATION
A310 1" = 1'-0"

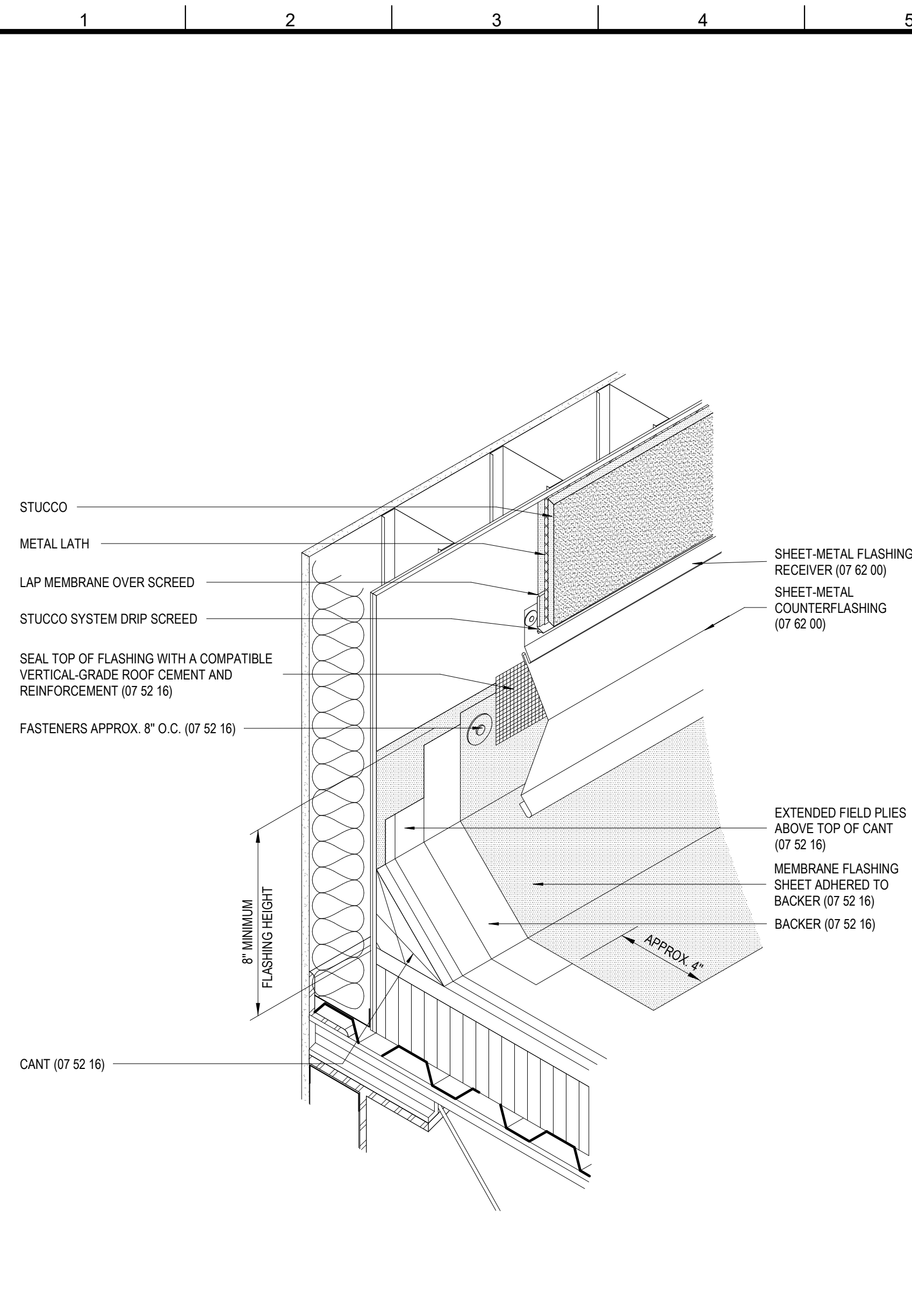


No.	Description	Date

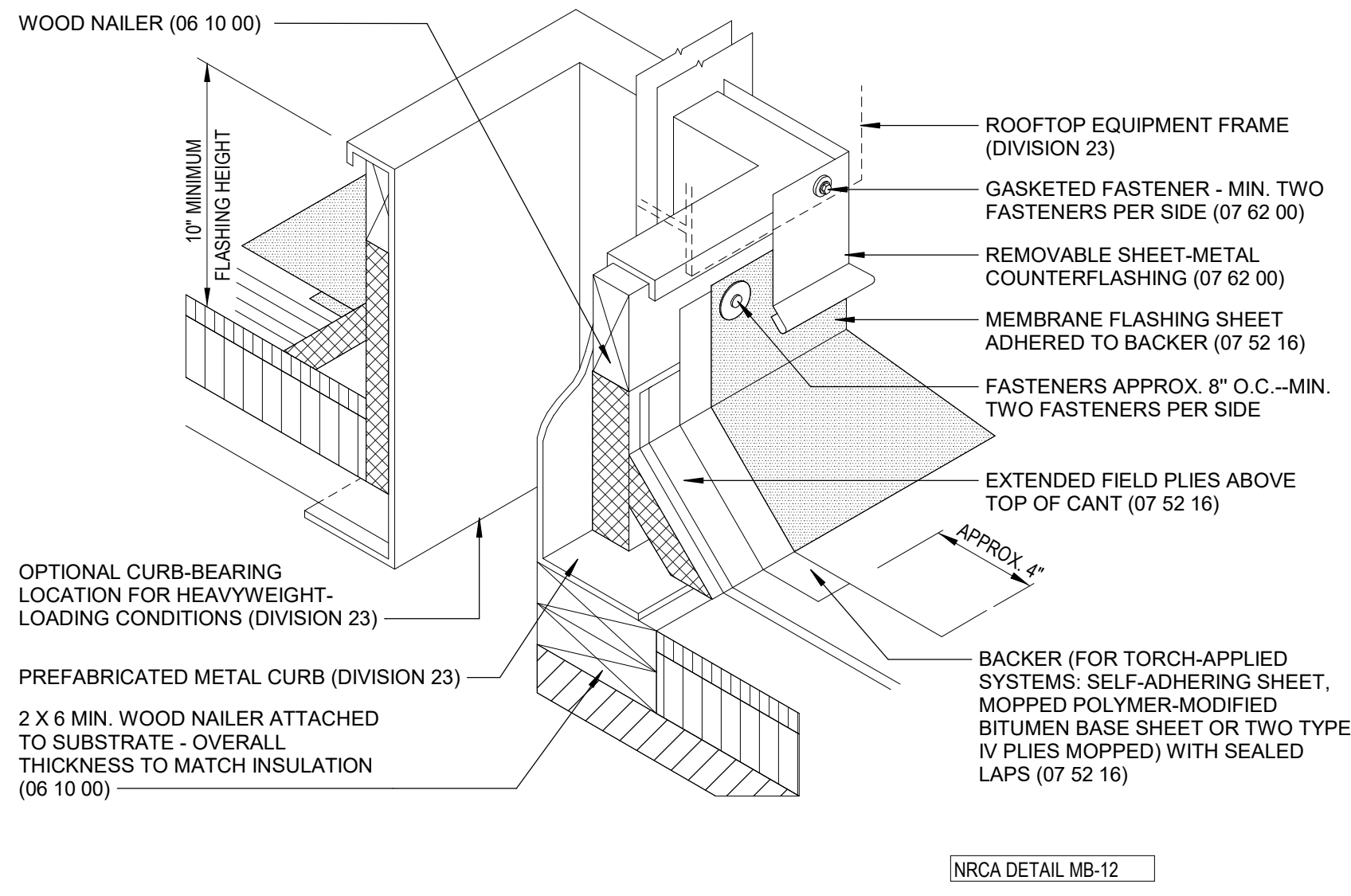
KEY PLAN

Mathes Brierre + MB
ARCHITECTS ARCHITECTS BEAZLEY MOIERE
A JOINT VENTURE
201 St. Charles Avenue, Forty First Floor
New Orleans, Louisiana 70170-4100
Voice: 504-586-9303 Fax: 504-582-1305
300 Heymann Blvd.
Lafayette, Louisiana 70503
337.233.0614

PROJECT TITLE
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PERMIT DOCUMENTS
DESIGNED BY MBA/ABM CHECKED BY AM/PP
DRAWN BY MP/SC/ALB DATE 05.05.2023
SHEET TITLE ROOF DETAILS
PROJECT NO. MBA - 11884 SHEET NO. A310
ABM - 201813

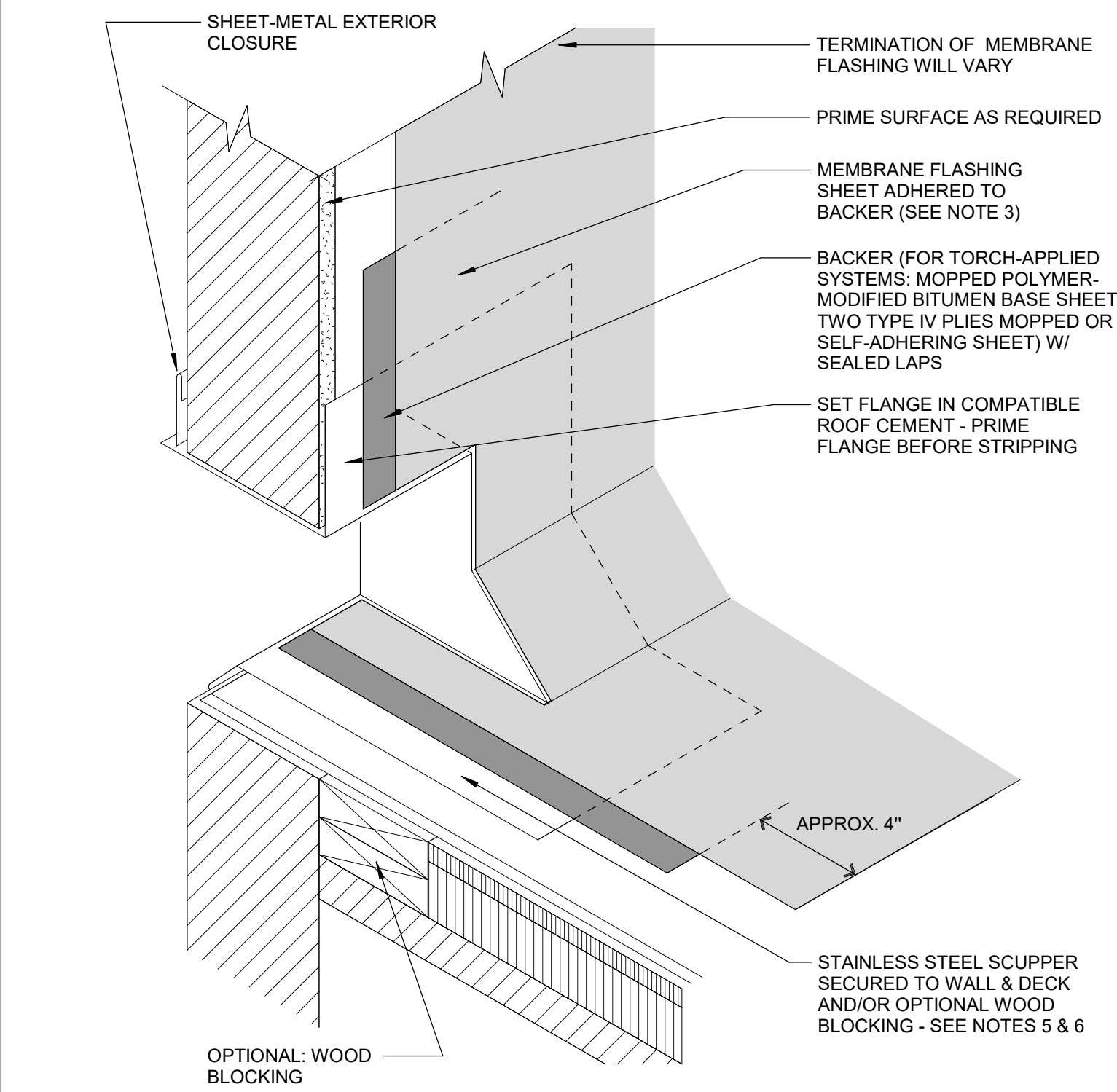


5 PICTORAL VIEW AT BASE FLASHING
A311 1" = 1'-0"



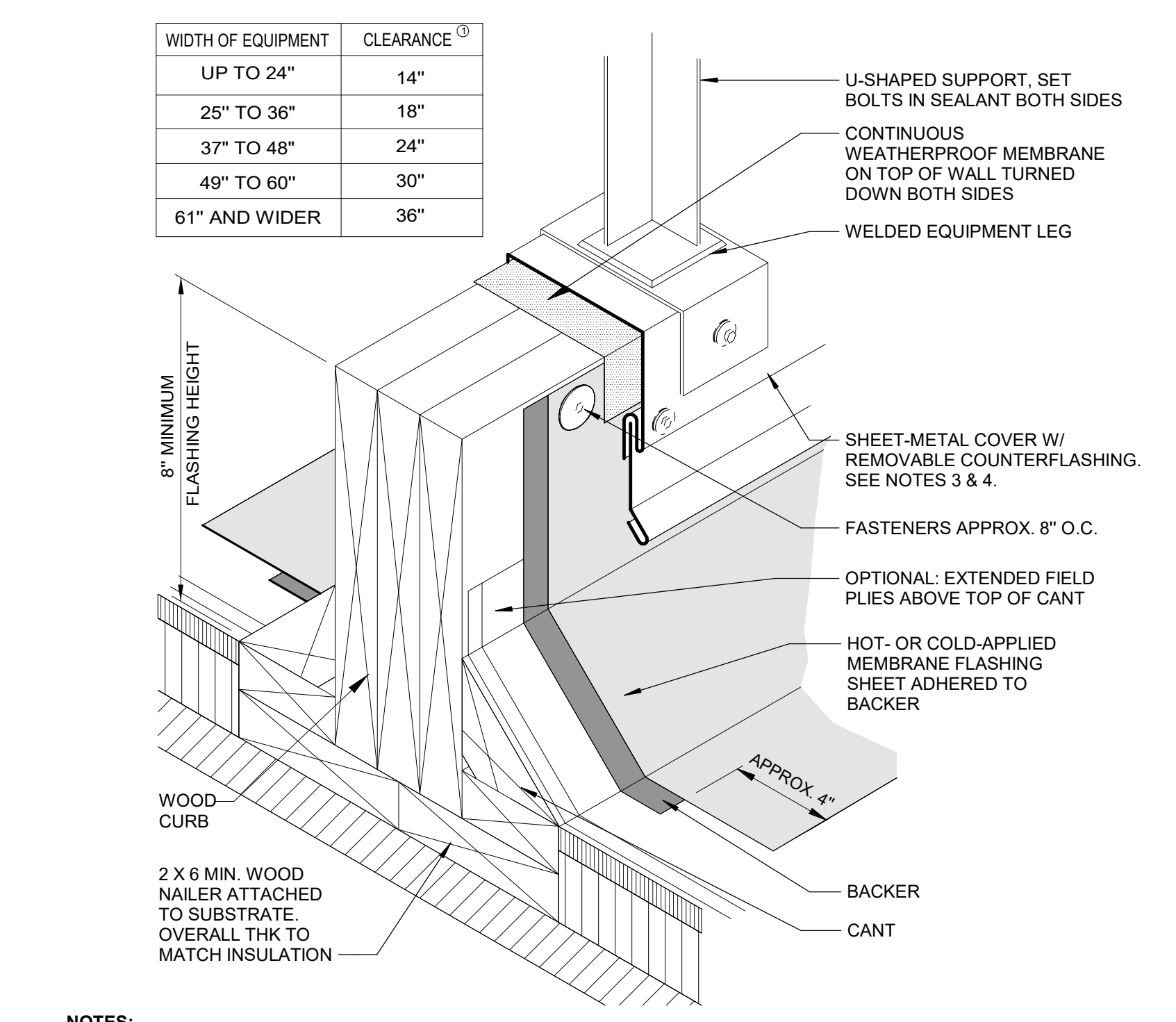
- NOTE:**
- THIS DETAIL IS APPLICABLE FOR HOT-, COLD- OR TORCH-APPLIED FLASHING SYSTEMS.
 - THE CURBS, TOP WOOD NAILER AND SEAL STRIP ARE TO BE SUPPLIED BY THE CURB MANUFACTURER.
 - WHEN POSSIBLE, THE MECHANICAL UNITS SHOULD NOT BE SET UNTIL THE ROOF MEMBRANE AND FLASHING HAVE BEEN INSTALLED.
 - WHERE THE SKYLIGHT, SCUTTLE OR SMOKE VENT FRAME OVERLAPS THE BASE FLASHING AT LEAST 3 INCHES, THE REMOVABLE SHEET-METAL COUNTERFLASHING IS NOT REQUIRED.
 - WHEN POTENTIAL FIRE HAZARDS CAN BE MITIGATED, NRCA CONSIDERS IT ACCEPTABLE TO INSTALL TORCH-APPLIED POLYMER-MODIFIED BITUMEN SHEET OVER THE SPECIFIED BACKER FLASHING USING THE DIRECT TORCHING METHOD PROVIDED LOW OUTPUT (50,000 BTU OUTPUT OR LESS) TORCHING EQUIPMENT IS USED. WHEN POTENTIAL FIRE HAZARDS CANNOT BE ADEQUATELY MITIGATED, TORCH-APPLIED POLYMER-MODIFIED BITUMEN SHEET SHALL BE INSTALLED USING INDIRECT TORCHING METHODS, SUCH AS THE TORCH-AND-FLOP APPLICATION METHOD.
 - NRCA RECOMMENDS DESIGNERS CONSIDER PERMANENT INTERNAL OR EXTERNAL FALL-PROTECTION DEVICES AT ALL SKYLIGHTS.
 - FOR ROOF SYSTEMS WITH FACTORY-APPLIED GRANULE SURFACING, PROPERLY PREPARE CAP SHEET TO RECEIVE FLASHING.
 - REFER TO THE ARCHITECTURAL METAL FLASHING SECTION OF THE NRCA ROOFING MANUAL: ARCHITECTURAL METAL FLASHING, CONDENSATION & AIR LEAKAGE CONTROL, & REROOFING FOR JOINERY & SECUREMENT OPTIONS FOR SHEET-METAL FLASHINGS.
 - REFER TO THE NRCA INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.

6 ROOF - DETAIL @ CURB
A311



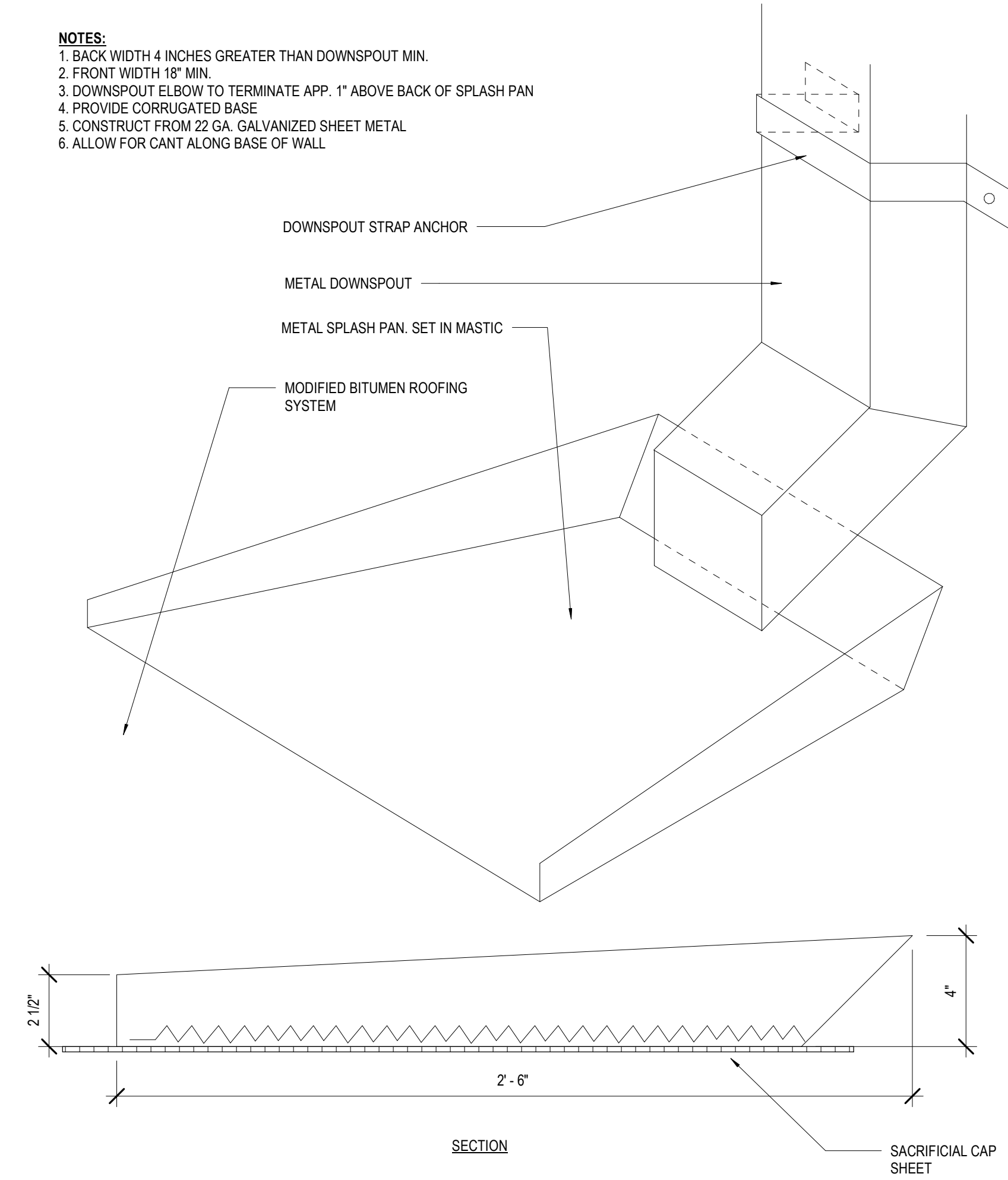
- NOTES:**
- THIS DETAIL IS APPLICABLE FOR HOT-, COLD- OR TORCH-APPLIED FLASHING SYSTEMS.
 - THIS DETAIL DOES NOT ALLOW FOR DIFFERENTIAL MOVEMENT BETWEEN THE DECK AND WALL.
 - WHEN POTENTIAL FIRE HAZARDS CAN BE MITIGATED, NRCA CONSIDERS IT ACCEPTABLE TO INSTALL TORCH-APPLIED POLYMER-MODIFIED BITUMEN SHEET OVER THE SPECIFIED BACKER FLASHING USING THE DIRECT TORCHING METHOD PROVIDED LOW OUTPUT (50,000 BTU OUTPUT OR LESS) TORCHING EQUIPMENT IS USED. WHEN POTENTIAL FIRE HAZARDS CANNOT BE ADEQUATELY MITIGATED, TORCH-APPLIED POLYMER-MODIFIED BITUMEN SHEET SHALL BE INSTALLED USING INDIRECT TORCHING METHODS, SUCH AS THE TORCH-AND-FLOP APPLICATION METHOD.
 - FOR ROOF SYSTEMS WITH FACTORY-APPLIED GRANULE SURFACING, PROPERLY PREPARE CAP SHEET TO RECEIVE FLASHING.
 - REFER TO THE ARCHITECTURAL METAL FLASHING SECTION OF THE NRCA ROOFING MANUAL: ARCHITECTURAL METAL FLASHING, CONDENSATION & AIR LEAKAGE CONTROL, & REROOFING FOR DESIGN, JOINERY & SECUREMENT OPTIONS FOR SCUPPERS.
 - REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.

7 ROOF - DETAIL @ SCUPPER
A311

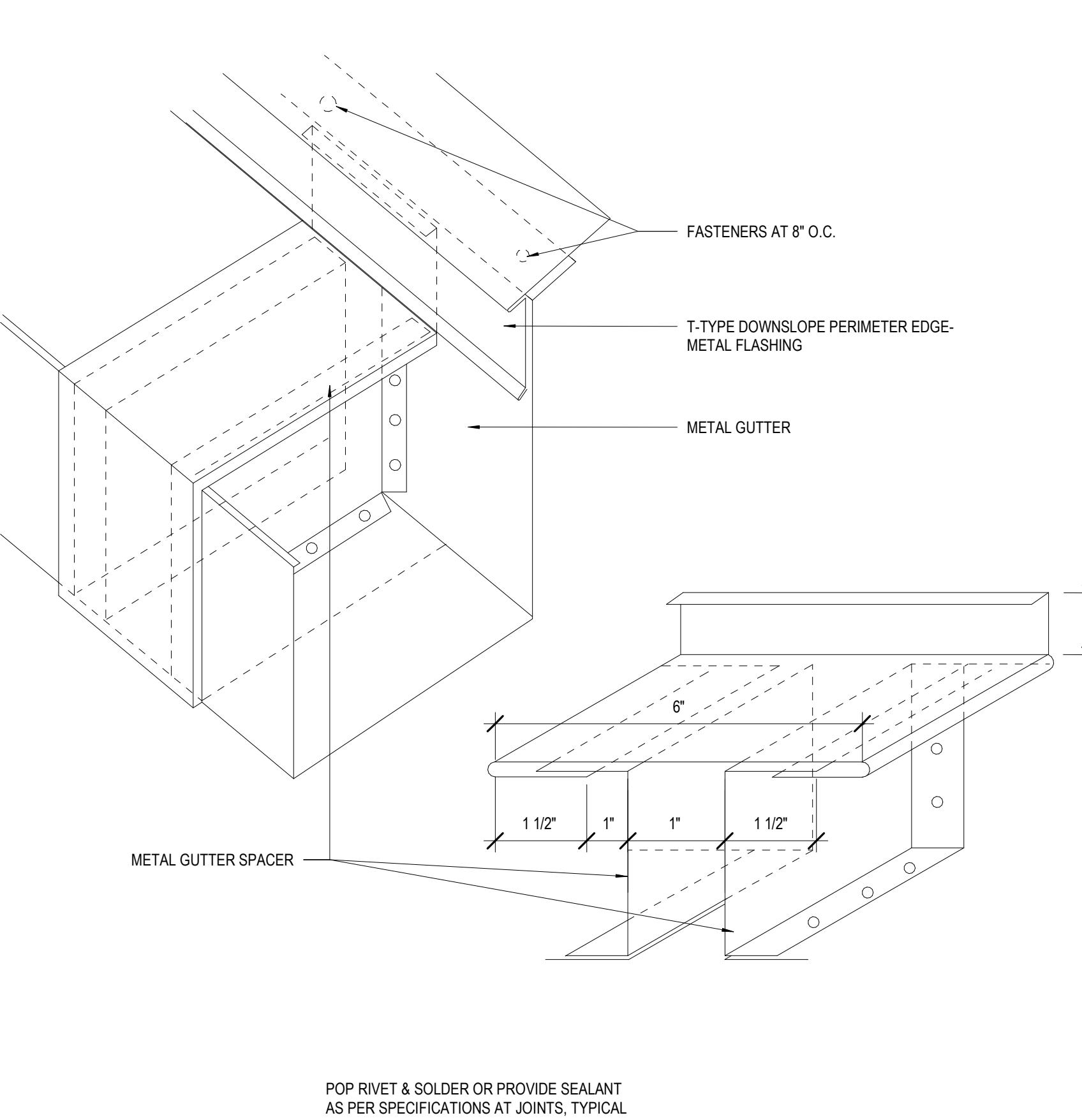


- NOTES:**
- THIS DETAIL ALLOWS FOR MEMBRANE MAINTENANCE AROUND THE SUPPORTED EQUIPMENT. THE CONTINUOUS SUPPORT IS PREFERRED IN LIGHTWEIGHT STRUCTURAL SYSTEMS BECAUSE THE EQUIPMENT WEIGHT CAN BE SPREAD ACROSS TWO OR MORE SUPPORTING MEMBERS. WHERE HEAVY STRUCTURAL SYSTEMS ARE USED OR WHERE THE LOAD CAN BE CONCENTRATED OVER A COLUMN, DETAIL MB-11 MAY BE PREFERRED. A MINIMUM OF 2 FEET OF HORIZONTAL CLEARANCE MUST BE PROVIDED FOR REMOVAL & REPLACEMENT OF ROOFING & FLASHING BETWEEN PARALLEL SUPPORTS. REFER TO TABLE ABOVE FOR RECOMMENDATIONS ON VERTICAL CLEARANCE FROM ROOF SURFACE TO BOTTOM OF SUPPORTED EQUIPMENT.
 - FOR ROOF SYSTEMS WITH FACTORY-APPLIED GRANULE SURFACING, PROPERLY PREPARE CAP SHEET TO RECEIVE FLASHING.
 - REFER TO THE ARCHITECTURAL METAL FLASHING SECTION OF THE NRCA ROOFING MANUAL: ARCHITECTURAL METAL FLASHING, CONDENSATION & AIR LEAKAGE CONTROL, AND REROOFING FOR DESIGN, JOINERY AND SECUREMENT OPTIONS FOR SHEET-METAL COVERS.
 - REFER TO THE NRCA INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.

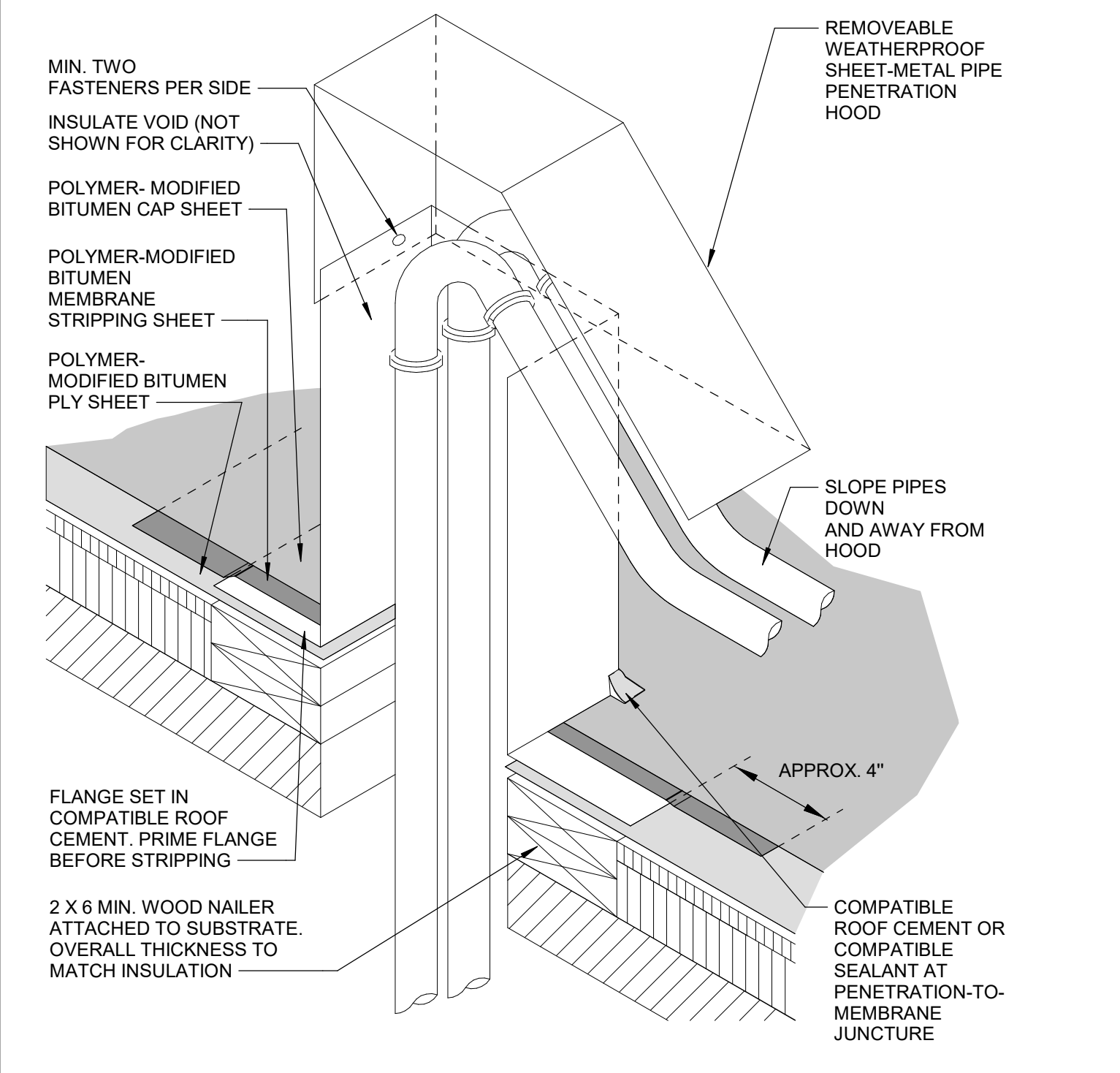
8 ROOF - DETAIL @ EQUIPMENT SUPPORT 2
A311



1 ROOF - METAL SPLASH PAN
A311 3" = 1'-0"

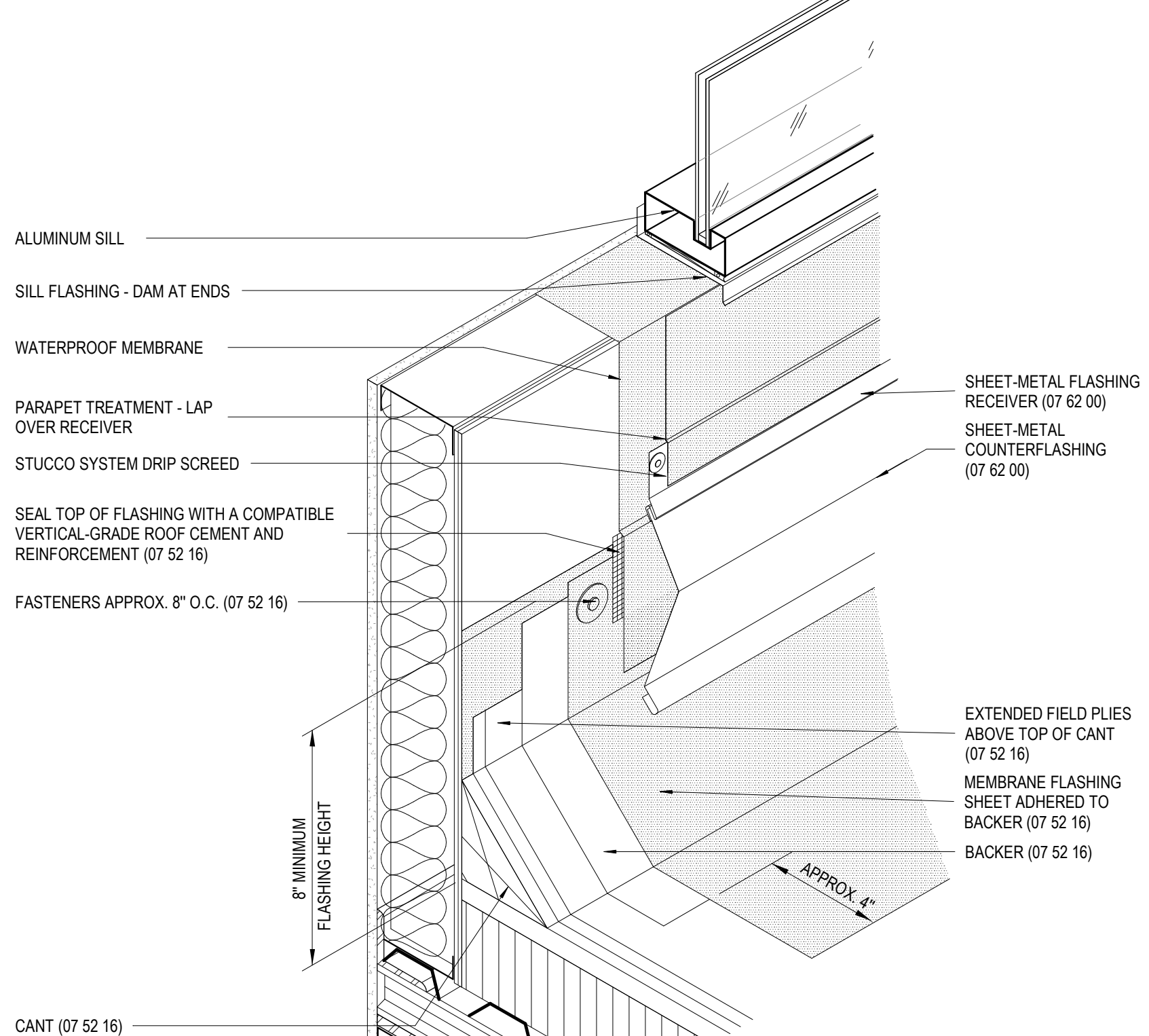


2 ROOF - GUTTER EXPANSION JOINT
A311 6" = 1'-0"



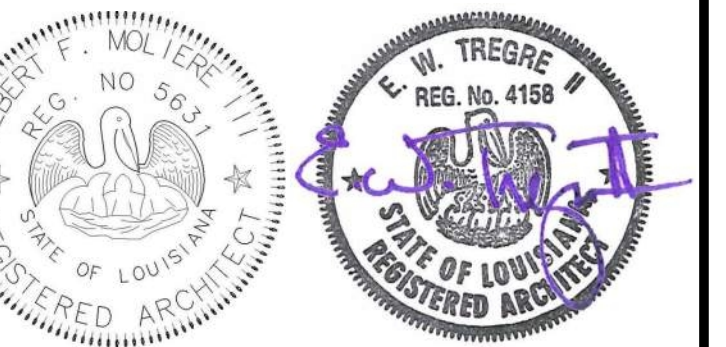
- NOTES:**
- THIS DETAIL IS APPLICABLE FOR HOT-, COLD- OR TORCH-APPLIED FLASHING SYSTEMS.
 - WHEN POTENTIAL FIRE HAZARDS CAN BE MITIGATED, NRCA CONSIDERS IT ACCEPTABLE TO INSTALL TORCH-APPLIED POLYMER-MODIFIED BITUMEN SHEET OVER THE SPECIFIED BACKER FLASHING USING THE DIRECT TORCHING METHOD PROVIDED LOW OUTPUT (50,000 BTU OUTPUT OR LESS) TORCHING EQUIPMENT IS USED. WHEN POTENTIAL FIRE HAZARDS CANNOT BE ADEQUATELY MITIGATED, TORCH-APPLIED POLYMER-MODIFIED BITUMEN SHEET SHALL BE INSTALLED USING INDIRECT TORCHING METHODS, SUCH AS THE TORCH-AND-FLOP APPLICATION METHOD.
 - REFER TO THE ARCHITECTURAL METAL FLASHING SECTION OF THE NRCA ROOFING MANUAL: ARCHITECTURAL METAL FLASHING, CONDENSATION AND AIR LEAKAGE CONTROL, AND REROOFING FOR DESIGN, JOINERY AND SECUREMENT OPTIONS FOR PIPE PENETRATION HOODS.
 - REFER TO THE NRCA INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.

3 ROOF - DETAIL @ PIPE PENETRATION HOOD
A311



4 PICTORAL VIEW AT BASE FLASHING
A311 1" = 1'-0"

MATERIALS KEYING/ GENERAL NOTES



No.	Description	Date

KEY PLAN

Mathes Brierre + MB ARCHITECTS ARCHITECTS BEAZLEY MOLIERE A JOINT VENTURE
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Voice: 504.586.9303 Fax: 504.582.1305
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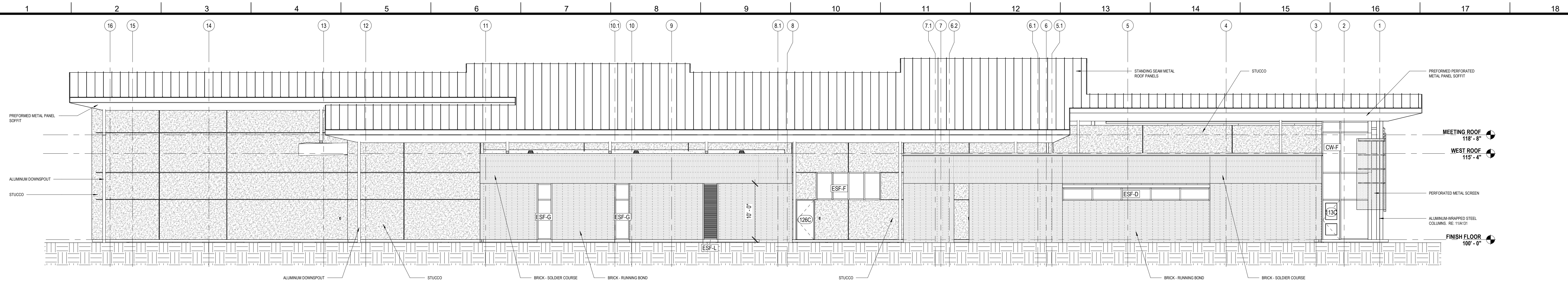
PROJECT TITLE

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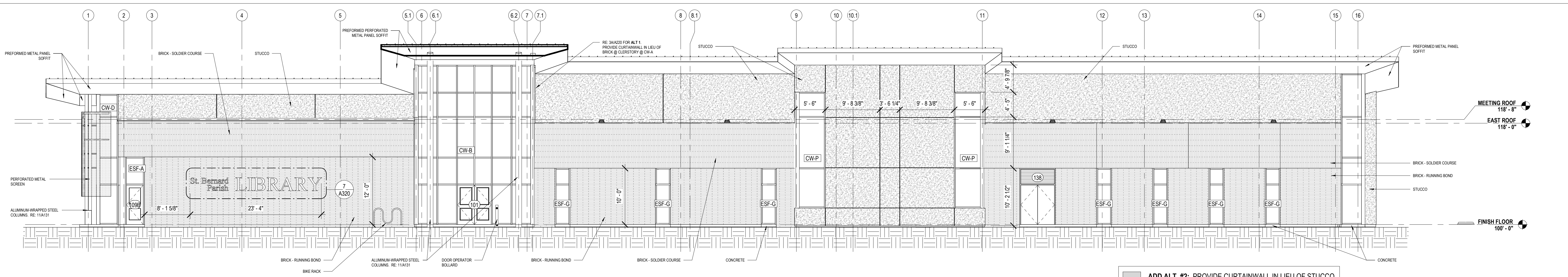
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DESIGNED BY	MBA/ABM	CHECKED BY	AM/PP
DRAWN BY	MP/SC/ALB	DATE	05.05.2023
SHEET TITLE			
ROOF DETAILS			
PROJECT NO.	MBA - 11884	SHEET NO.	A311
ABM - 201813			

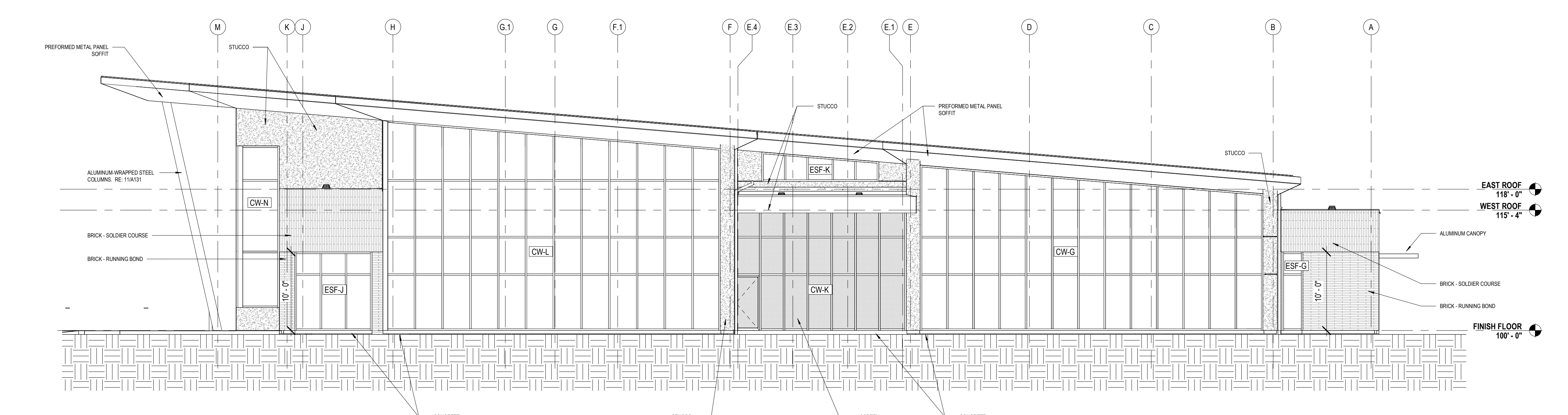


4 WEST ELEVATION
A320 1/8" = 1'-0"

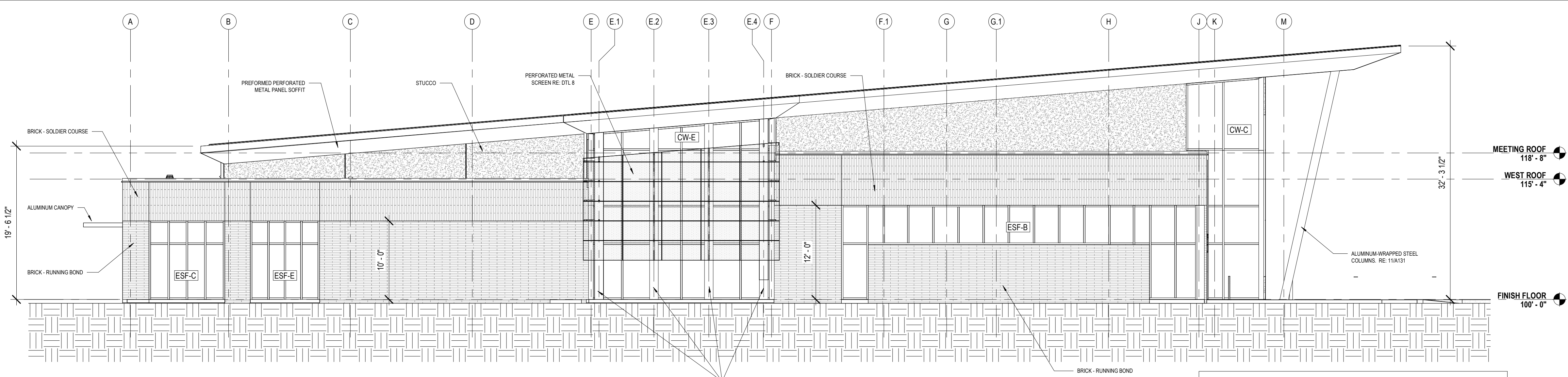


3 EAST ELEVATION
A320 1/8" = 1'-0"

ADD ALT. #2: PROVIDE CURTAINWALL IN LIEU OF STUCCO.

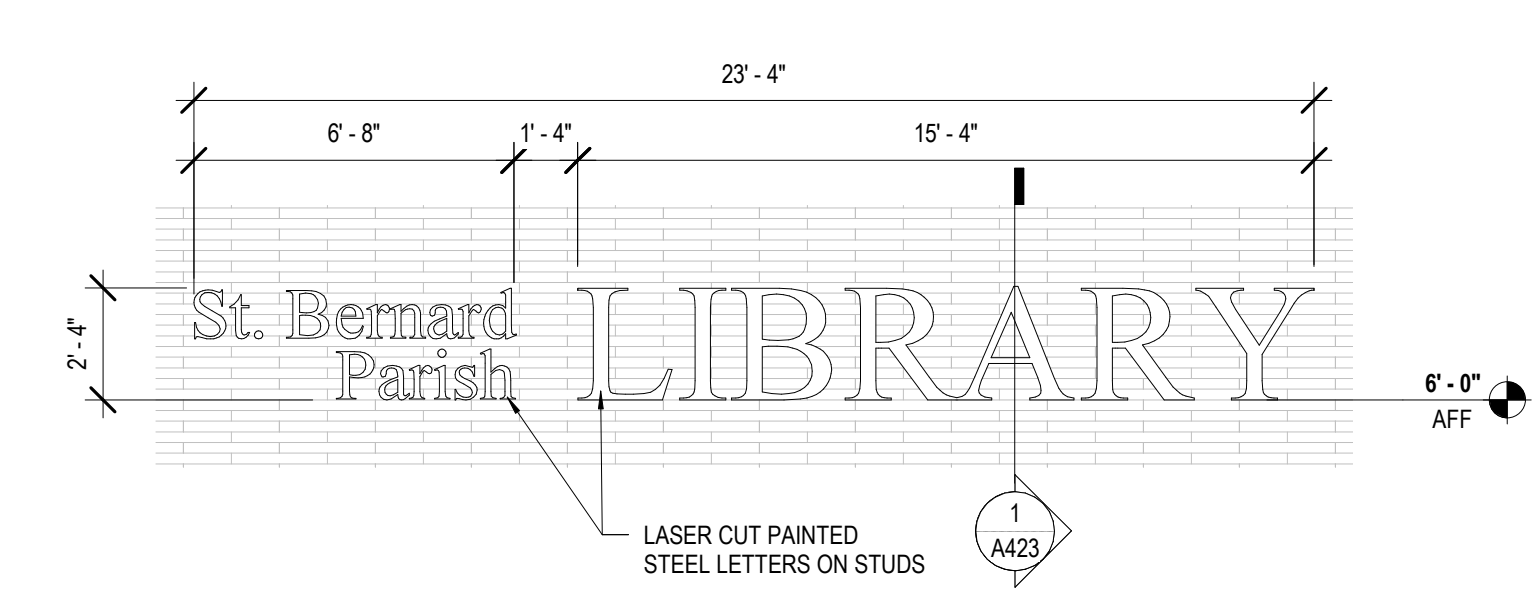


2 NORTH ELEVATION
A320 1/8" = 1'-0"

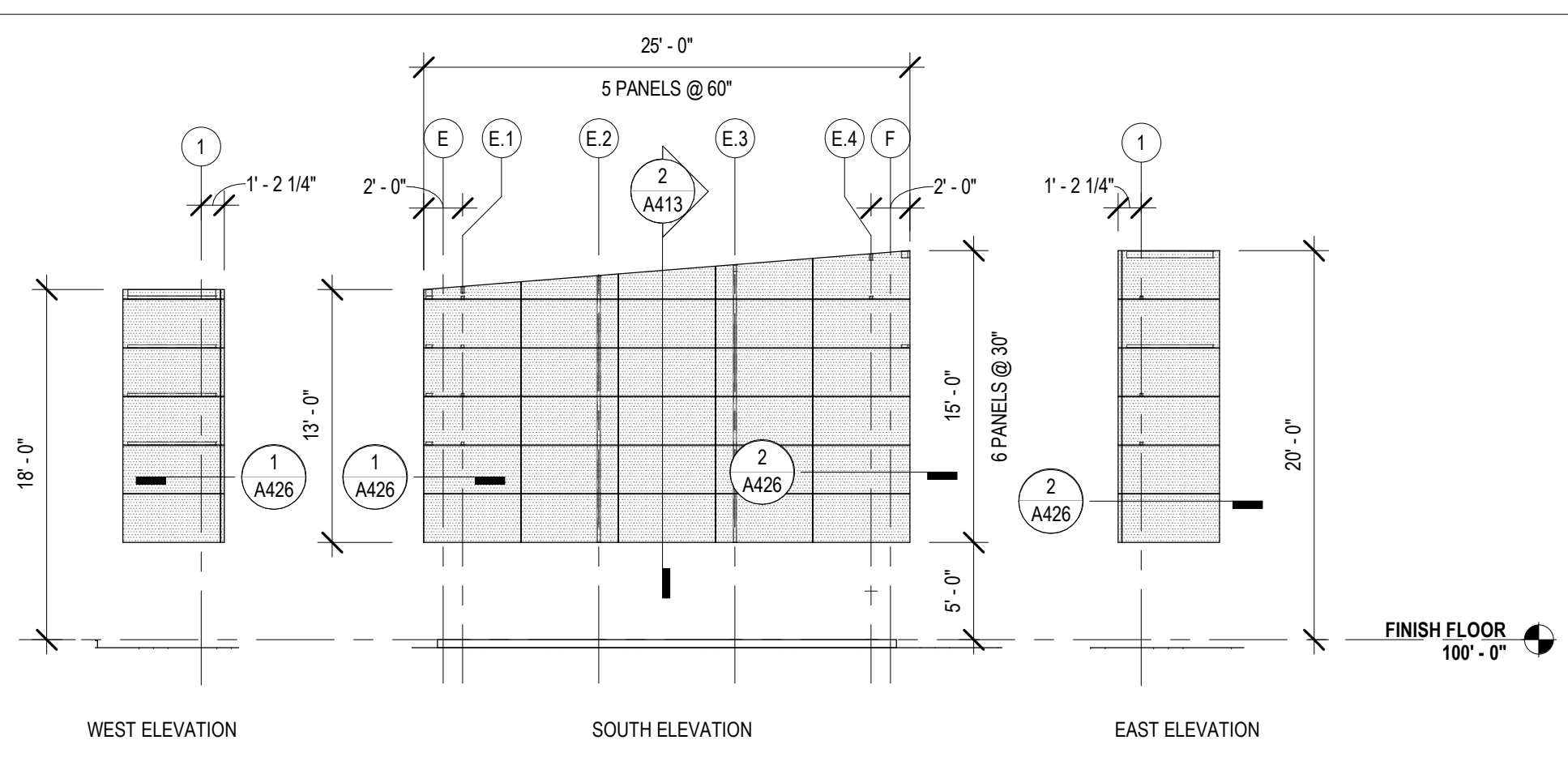


1 SOUTH ELEVATION
A320 1/8" = 1'-0"

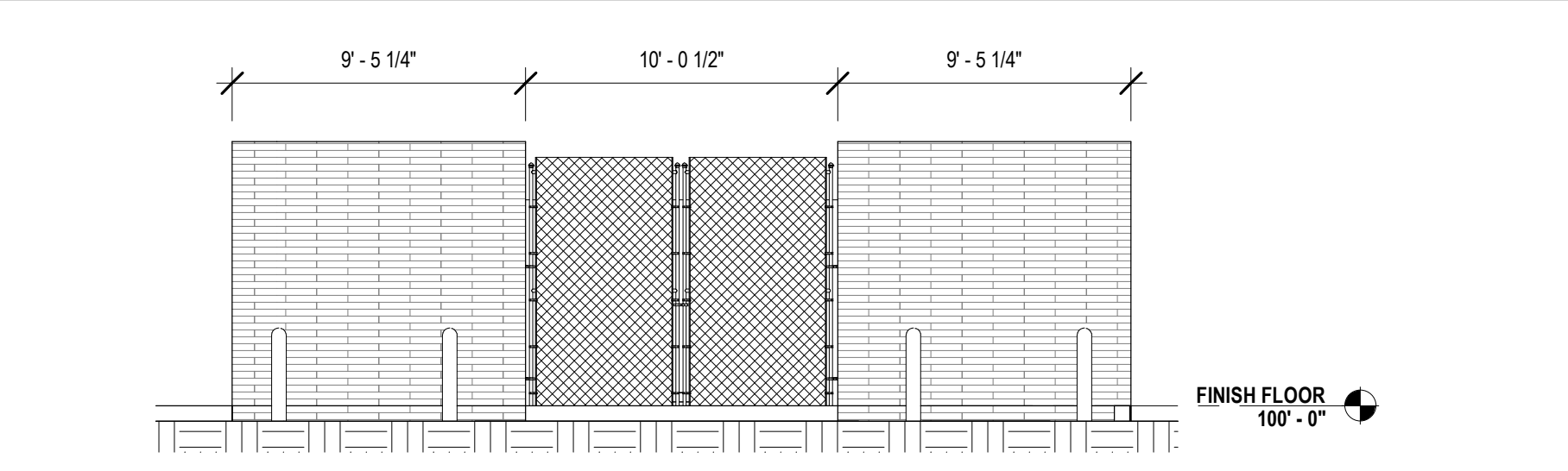
ADD ALT. #3: PROVIDE CURTAINWALL IN LIEU OF STUCCO.



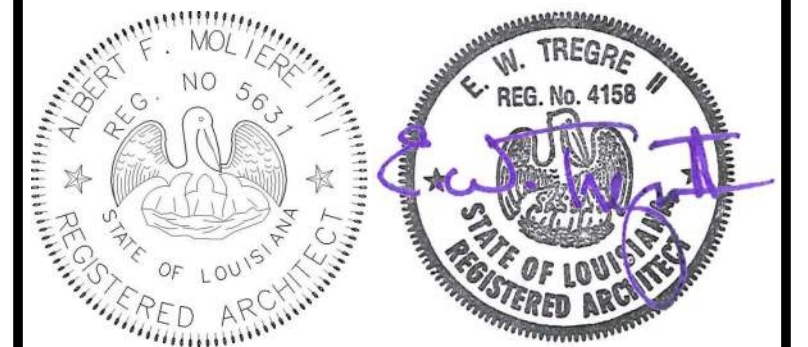
7 BUILDING SIGN
A320 1/4" = 1'-0"



6 PERFORATED METAL SCREEN ELEVATIONS
A320 1/8" = 1'-0"



5 CHILLER YARD ELEVATION
A320 3/16" = 1'-0"



No.	Description	Date

KEY PLAN



Mathes Brierre + ABM ARCHITECTS
ARCHITECTS BEAZLEY MOLIÈRE
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300 Heymann Blvd.
Lafayette, Louisiana 70503
337.233.0614

PROJECT TITLE

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DESIGNED BY	MBA/ABM	CHECKED BY	RZ/PP
DRAWN BY	MP/SC/ALB	DATE	05.05.2023
SHEET TITLE EXTERIOR ELEVATIONS			
PROJECT NO.	MBA - 11884	SHEET NO.	A320
	ABM - 201813		

TOILET ROOM ACCESSORY LEGEND

01	PAPER TOWEL DISPENSER / WASTE RECEPTACLE
02	SURFACE MOUNTED TOILET TISSUE DISPENSER
03	SANITARY NAPKIN DISPOSAL
04	SURFACE MOUNTED SOAP DISPENSER
05	COAT HOOK
06	BABY CHANGING STATION
07	36" & 42" GRAB BAR
08	MIRROR 18" x 30"
09	MIRROR 36" x 30"
10	HANDDRYER



No.	Description	Date

KEY PLAN

Mathes Brierre + MBM
 ARCHITECTS ARCHITECTS BEAZLEY MOJIBRE
 A JOINT VENTURE

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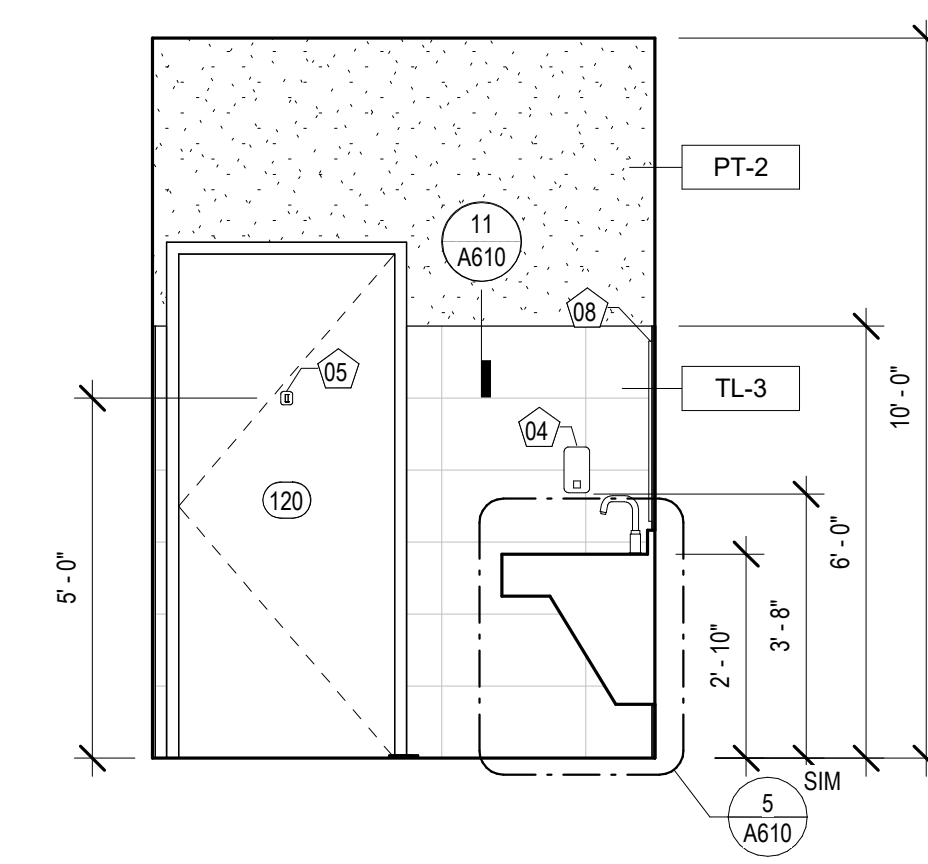
PROJECT TITLE

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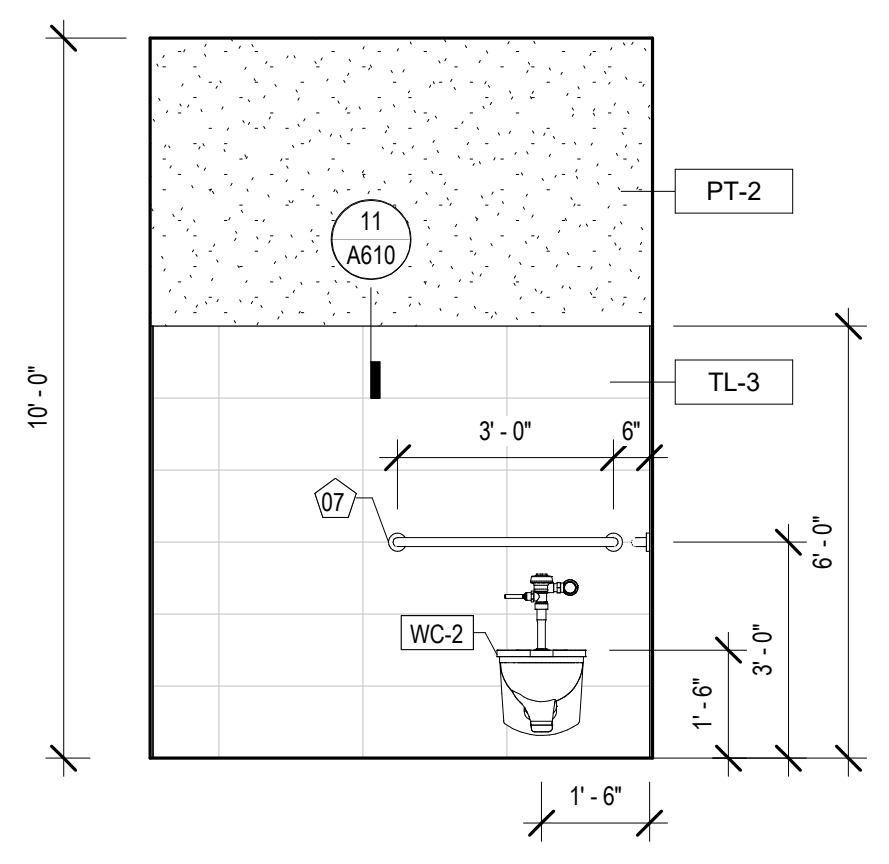
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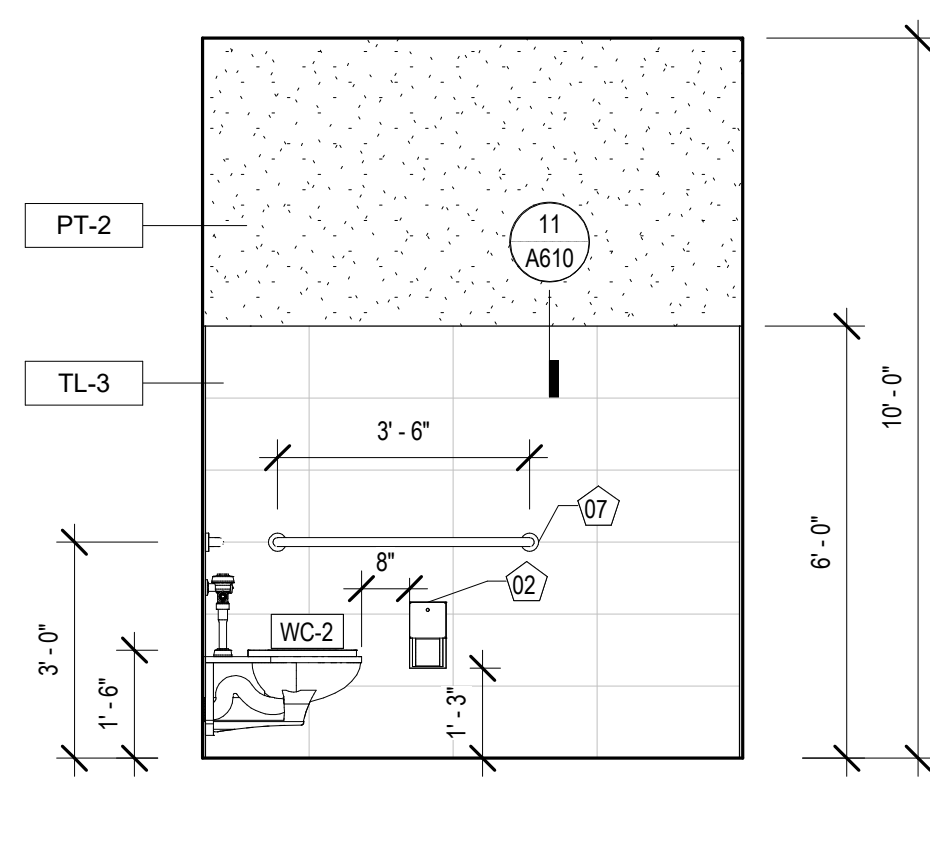
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DRAWN BY	CF/F/RZ	DATE	05.05.2023
SHEET TITLE			
INTERIOR ELEVATIONS			
PROJECT NO.	MBA - 11884	SHEET NO.	A340
	ABM - 201813		



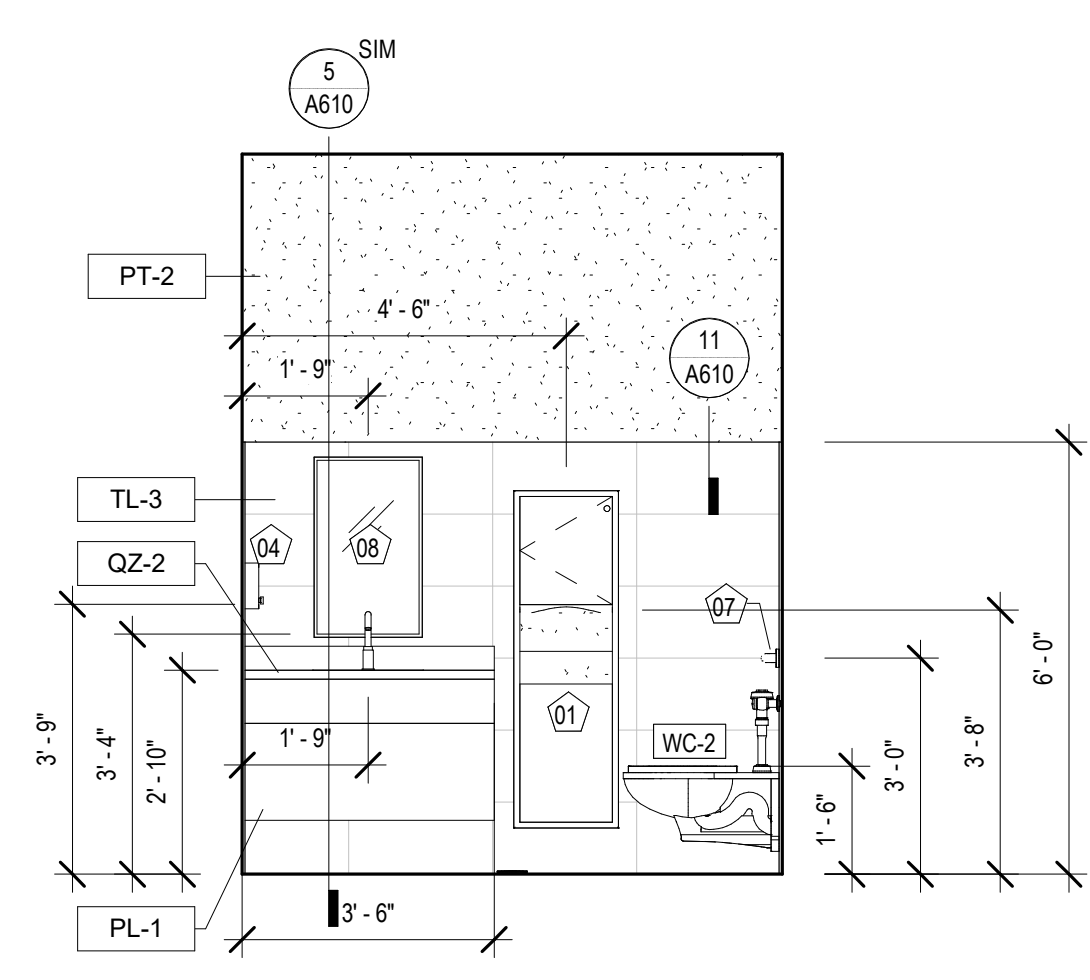
12 INT. ELEVATION - STAFF RR 1 #120
 A340 3/8" = 1'-0"



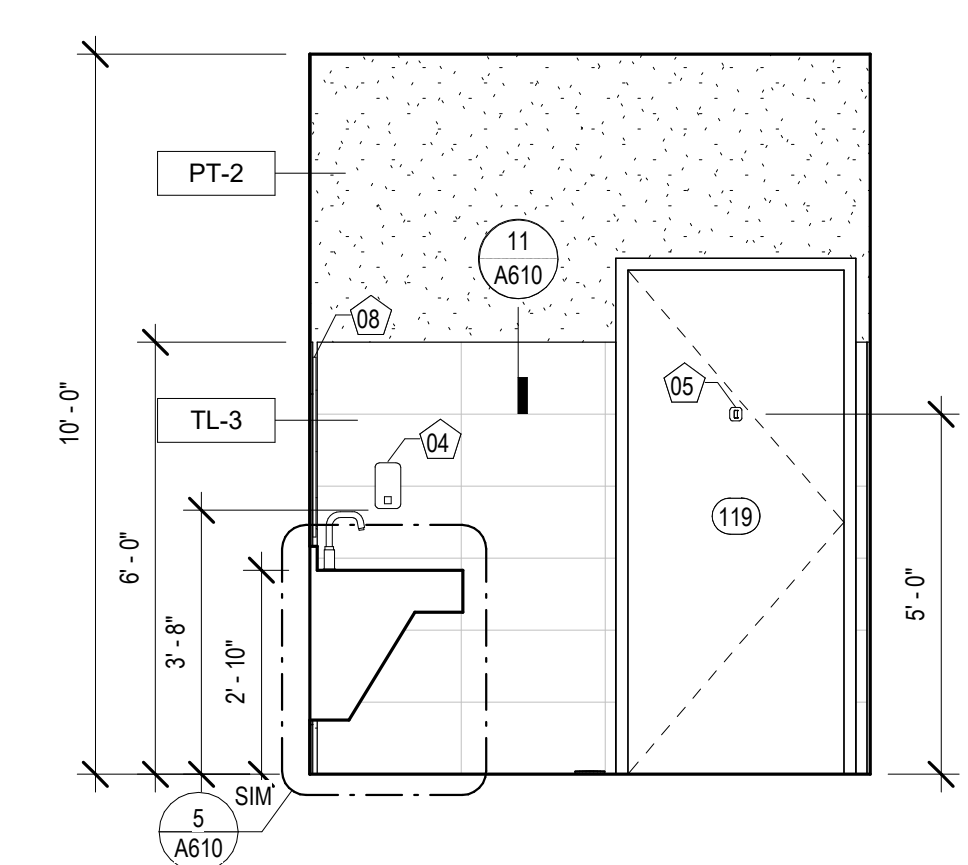
11 INT. ELEVATION - STAFF RR 1 #120
 A340 3/8" = 1'-0"



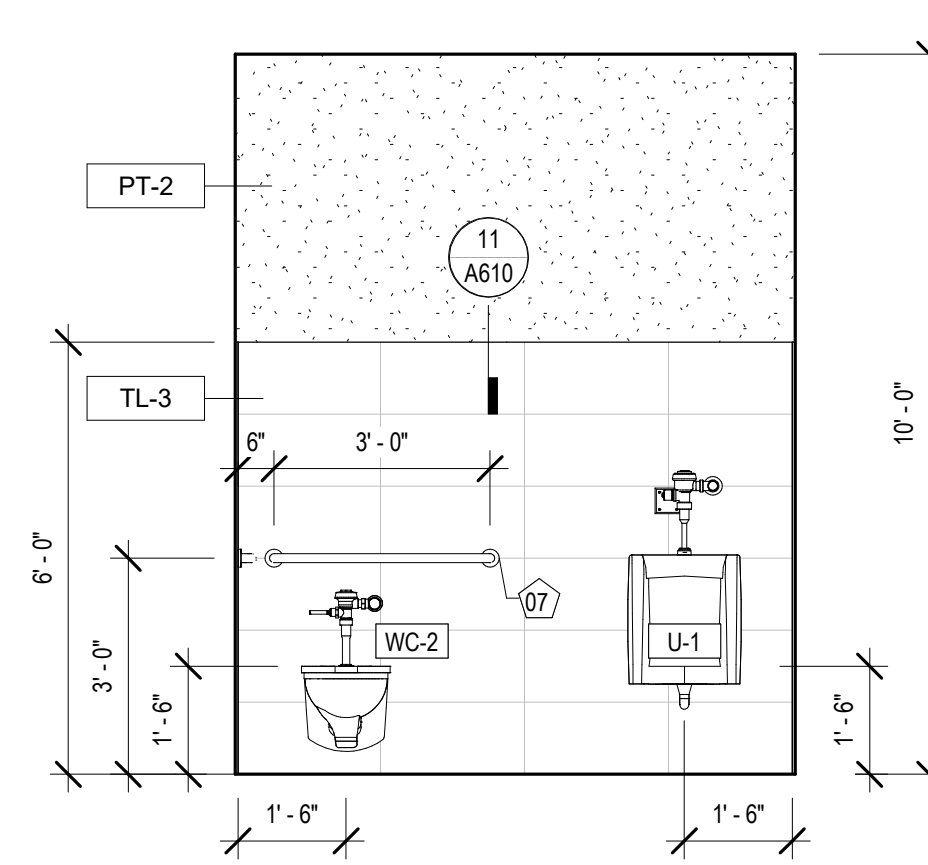
10 INT. ELEVATION - STAFF RR 1 #120
 A340 3/8" = 1'-0"



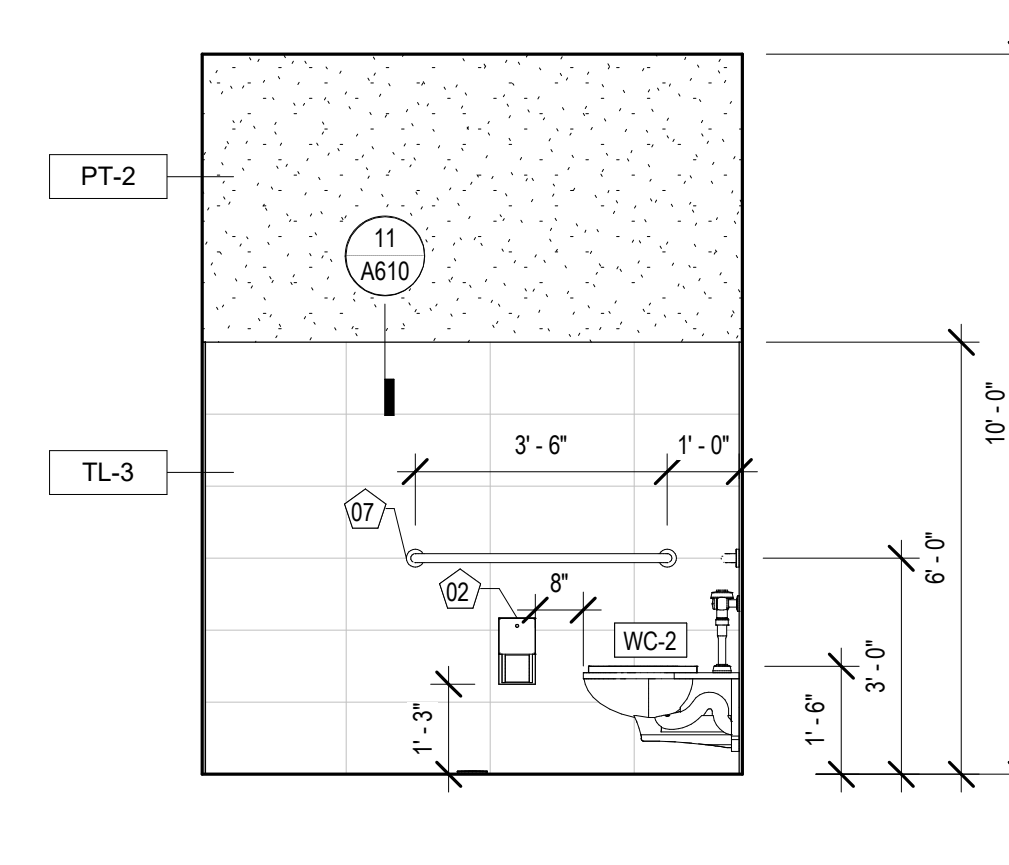
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 A340 3/8" = 1'-0"



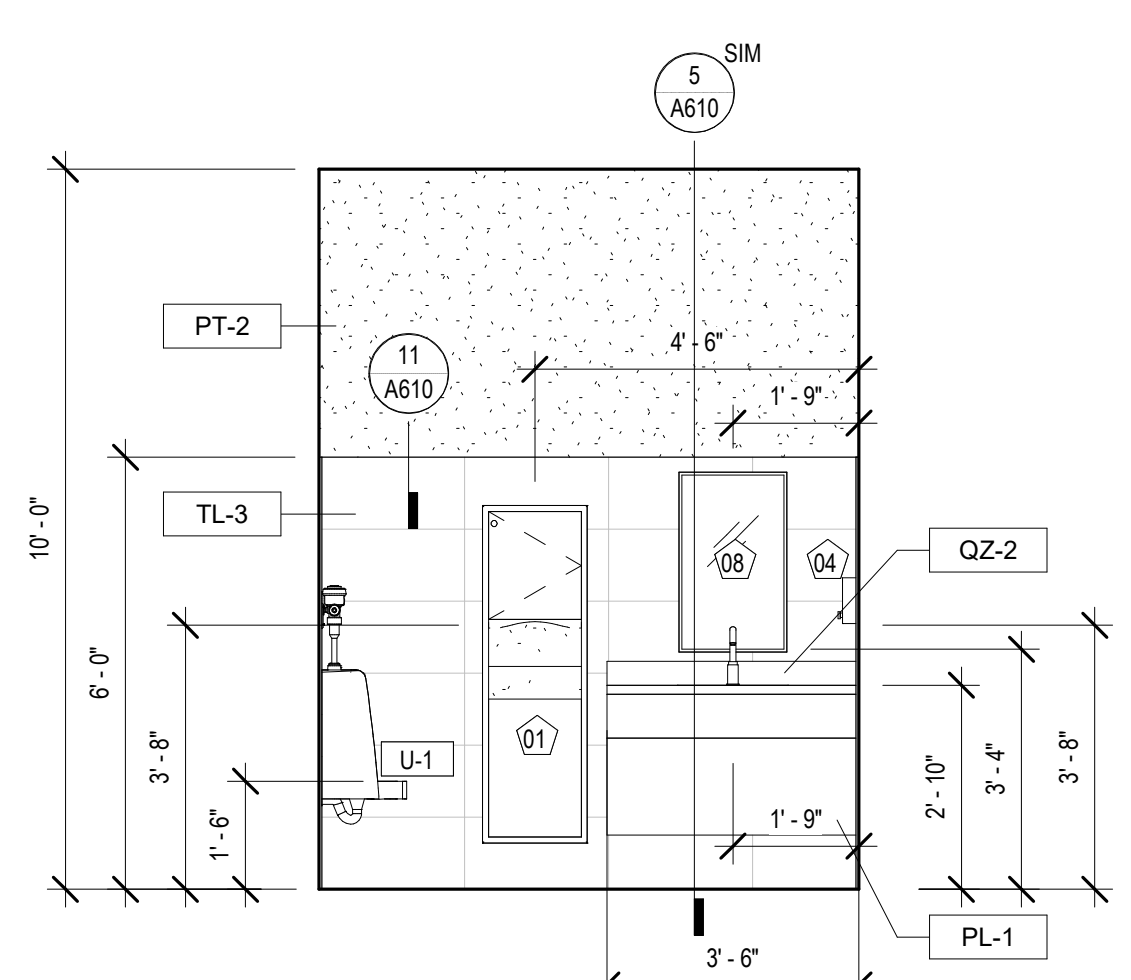
8 INT. ELEVATION - STAFF RR 2 #119
 A340 3/8" = 1'-0"



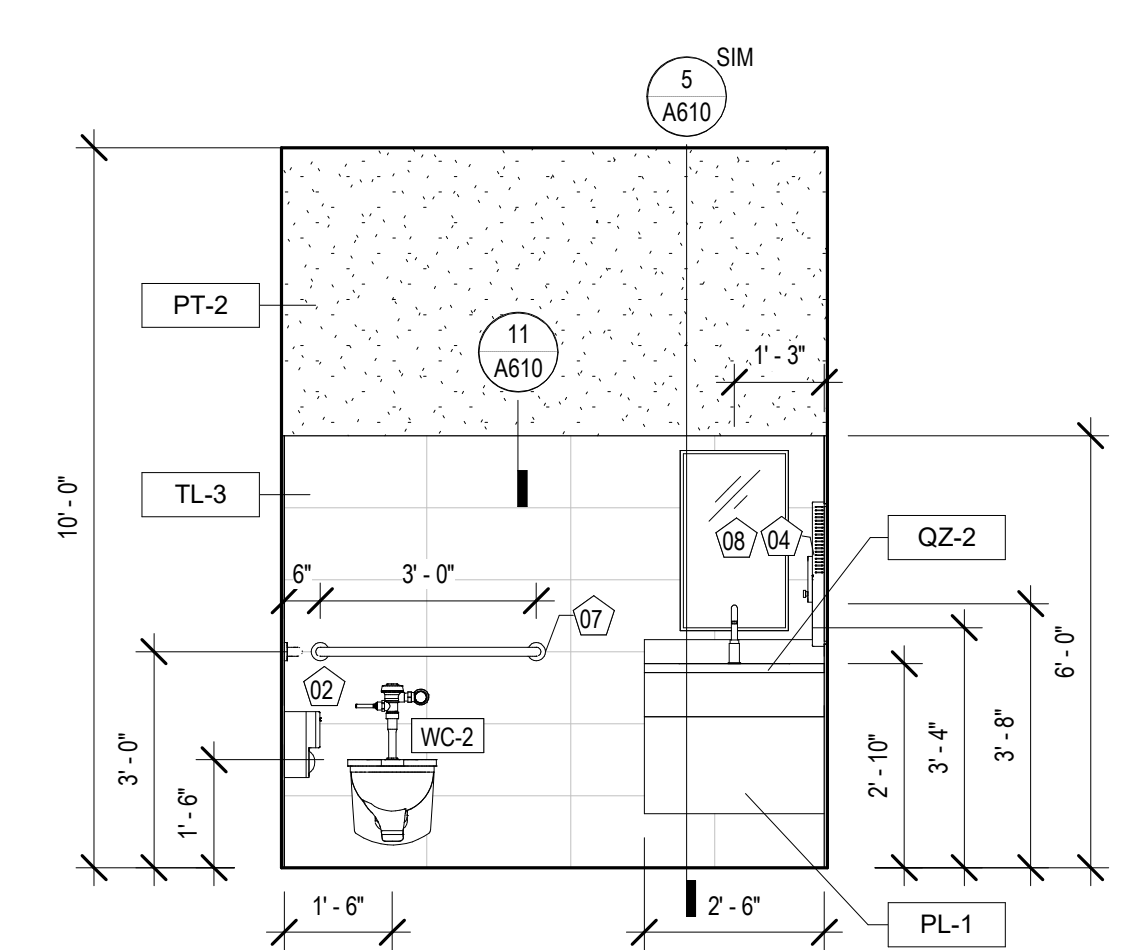
7 INT. ELEVATION - STAFF RR 2 #119
 A340 3/8" = 1'-0"



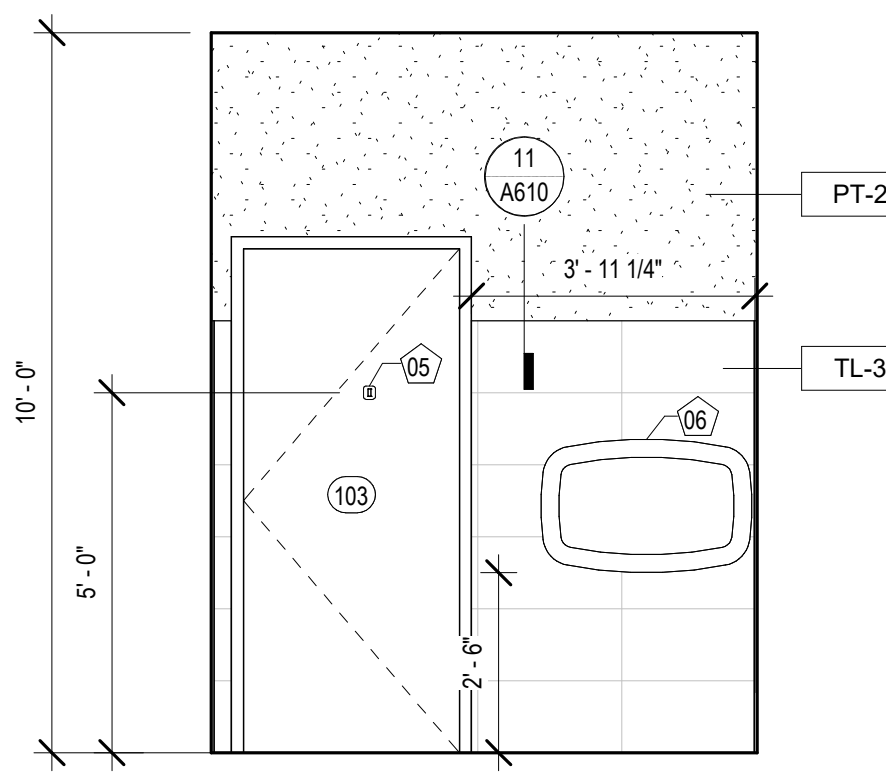
6 INT. ELEVATION - STAFF RR 2 #119
 A340 3/8" = 1'-0"



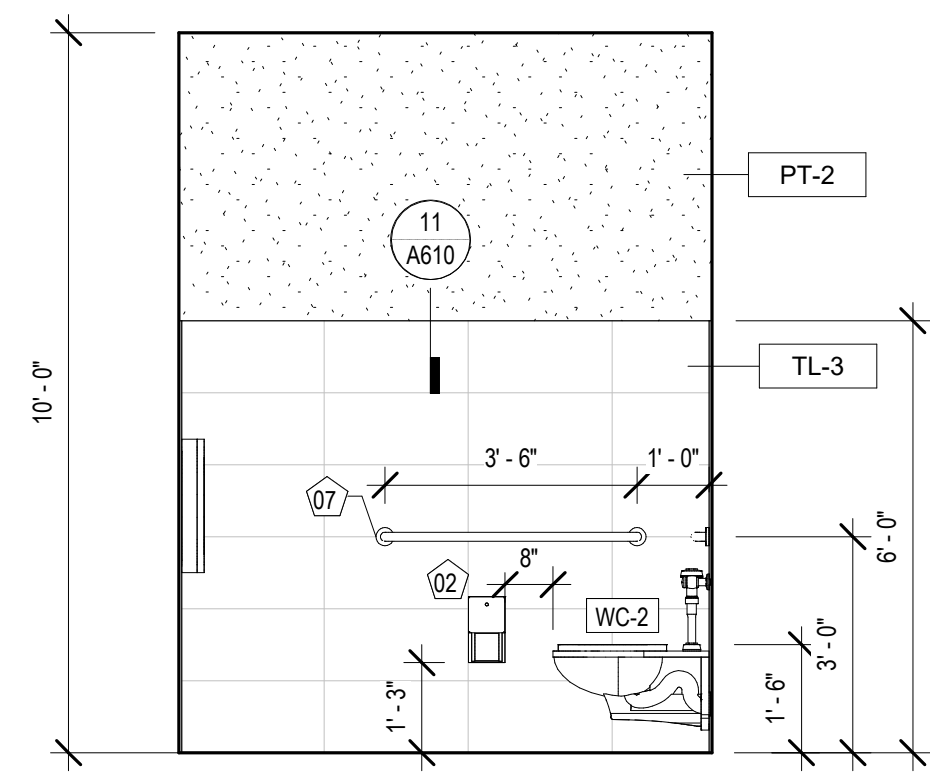
5 INT. ELEVATION - STAFF RR 2 #119
 A340 3/8" = 1'-0"



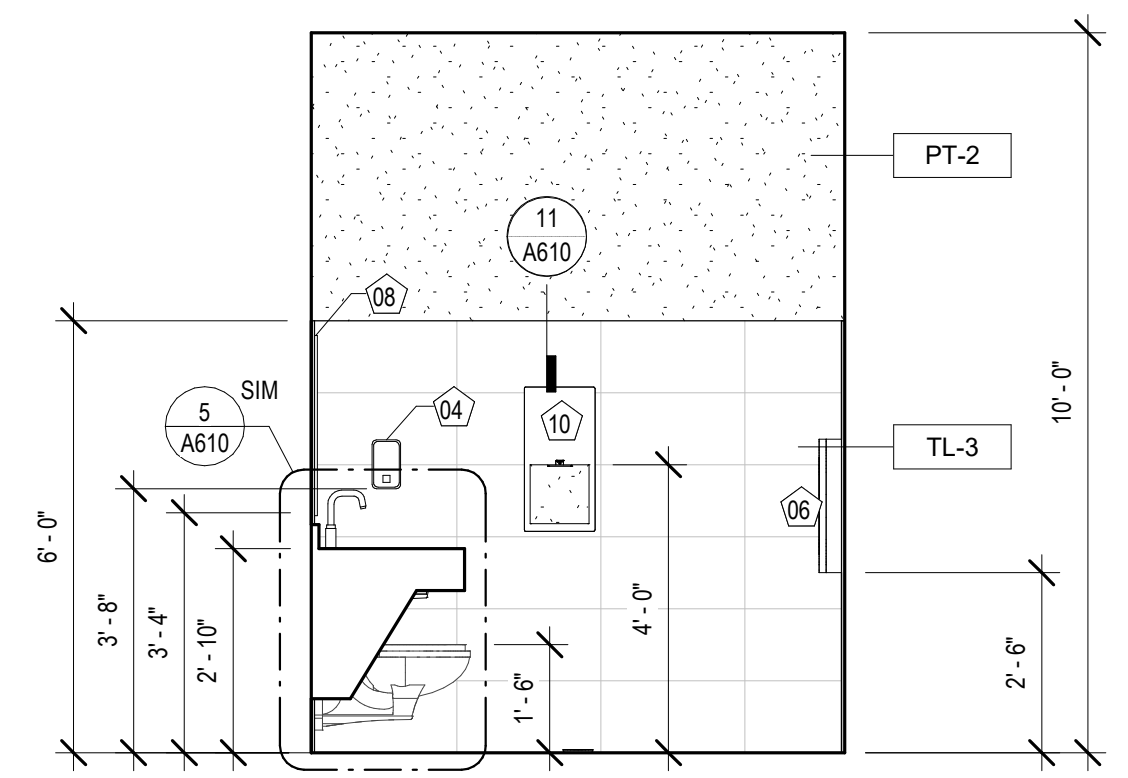
4 INT. ELEVATION - FAMILY RR #103
 A340 3/8" = 1'-0"



3 INT. ELEVATION - FAMILY RR #103
 A340 3/8" = 1'-0"



2 INT. ELEVATION - FAMILY RR #103
 A340 3/8" = 1'-0"



1 INT. ELEVATION - FAMILY RR #103
 A340 3/8" = 1'-0"

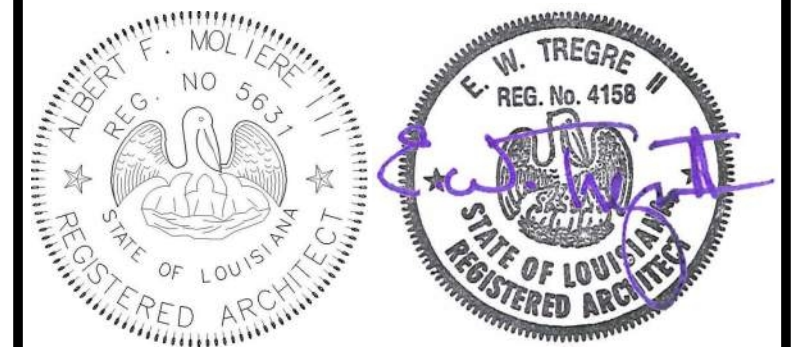
TOILET ROOM ACCESSORY LEGEND

01	PAPER TOWEL DISPENSER / WASTE RECEPACLE
02	SURFACE MOUNTED TOILET TISSUE DISPENSER
03	SANITARY NAPKIN DISPOSAL
04	SURFACE MOUNTED SOAP DISPENSER
05	COAT HOOK
06	BABY CHANGING STATION
07	36" & 42" GRAB BAR
08	MIRROR 18" x 30"
09	MIRROR 36" x 30"
10	HANDDRYER

NOTE: SEE SHEET A130 FOR MODEL #S

EQUIPMENT SCHEDULE

Type Mark	Description
01	EXISTING COMPUTER & MONITOR
02	NEW 70" TV MONITOR
03	EXISTING NEC SIGNAGE TV
04	EXISTING PROMETHEAN VIDEO BOARD
05	EXISTING PAC STATION



No.	Description	Date

KEY PLAN

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 337.233.0614

PROJECT TITLE

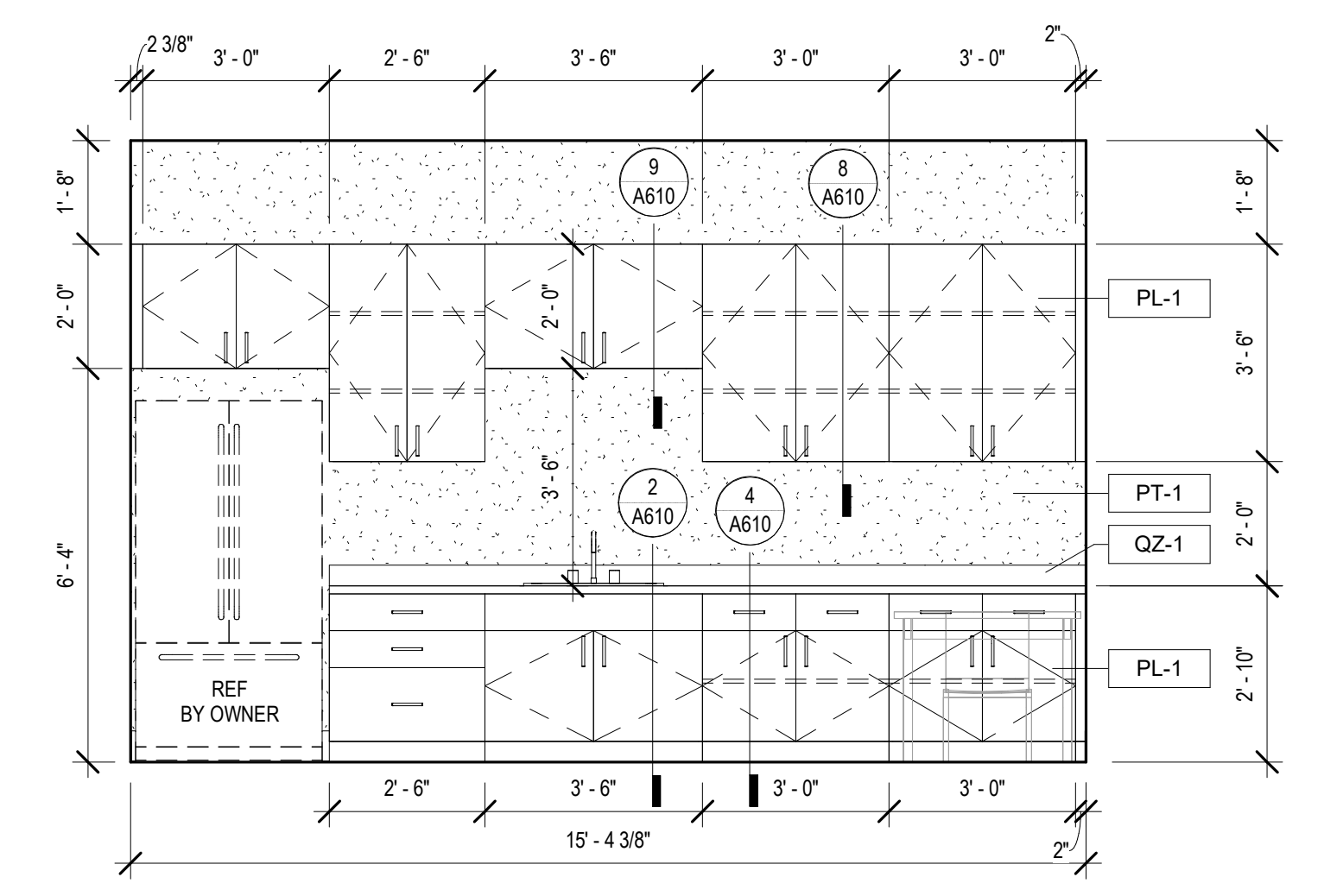
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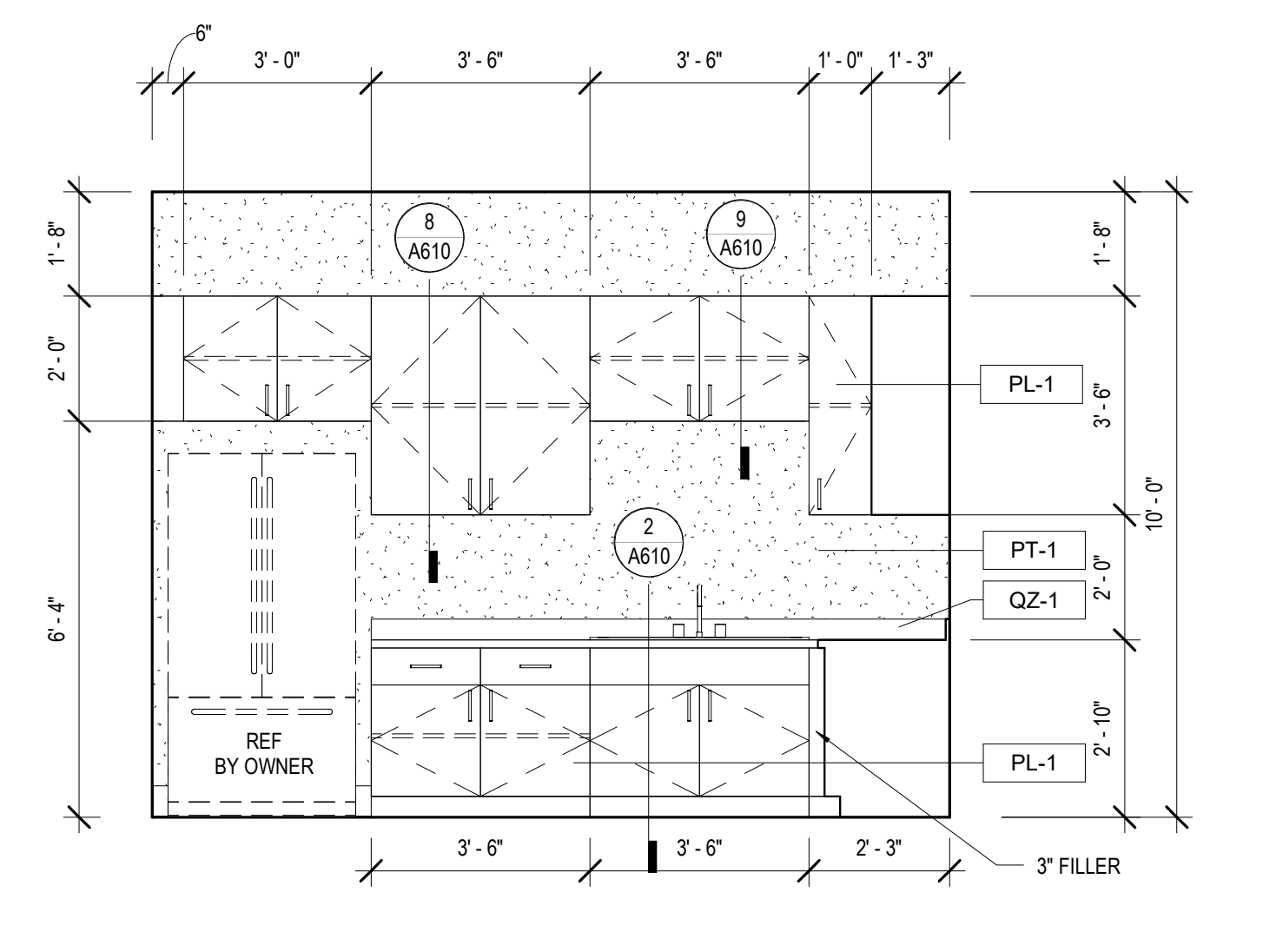
DESIGNED BY	MBA/ABM	CHECKED BY	RZ/PP
DRAWN BY	CF/F/RZ	DATE	05.05.2023

SHEET TITLE
 INTERIOR ELEVATIONS

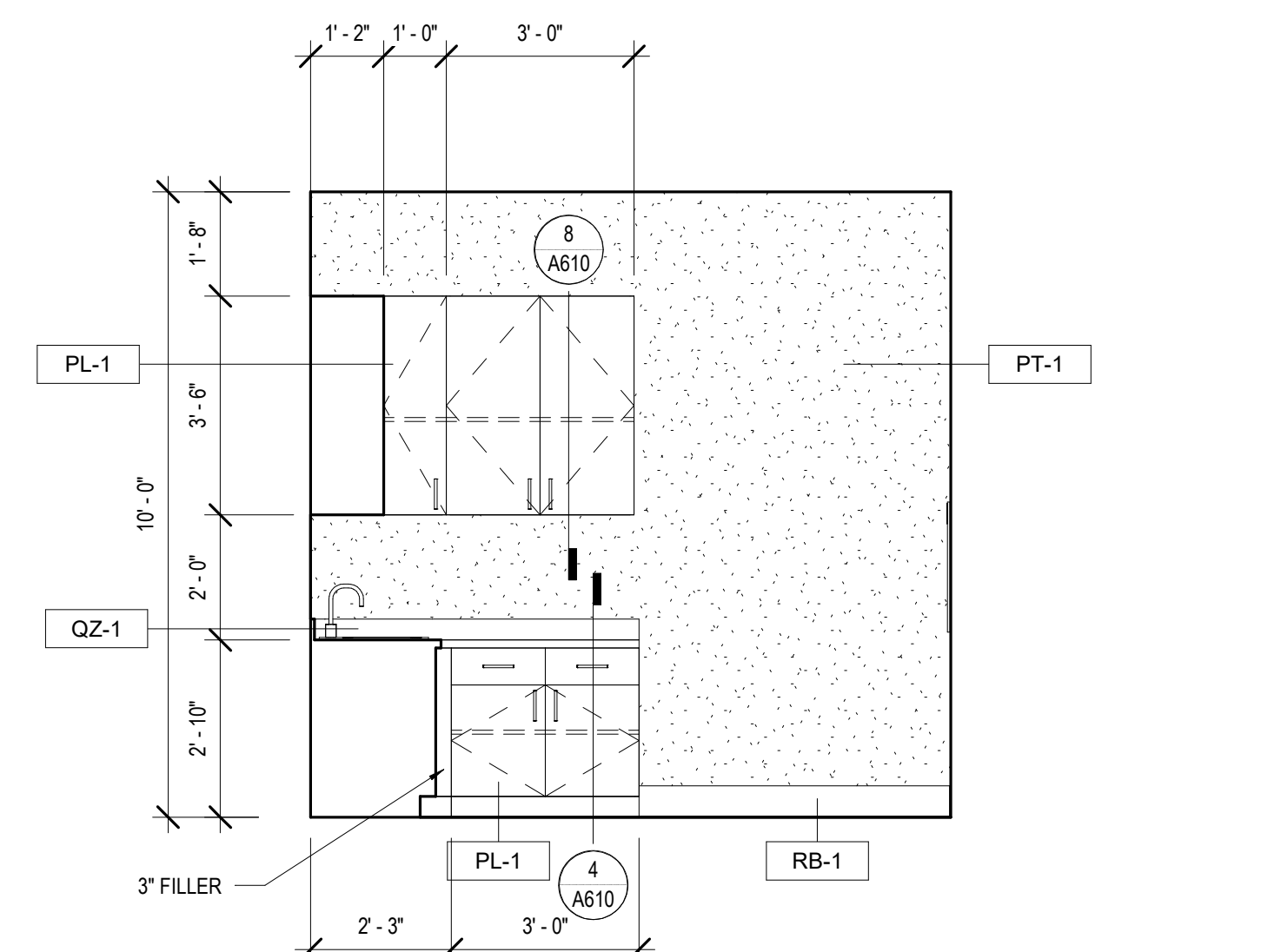
PROJECT NO.	MBA - 11884	SHEET NO.	A341
	ABM - 201813		



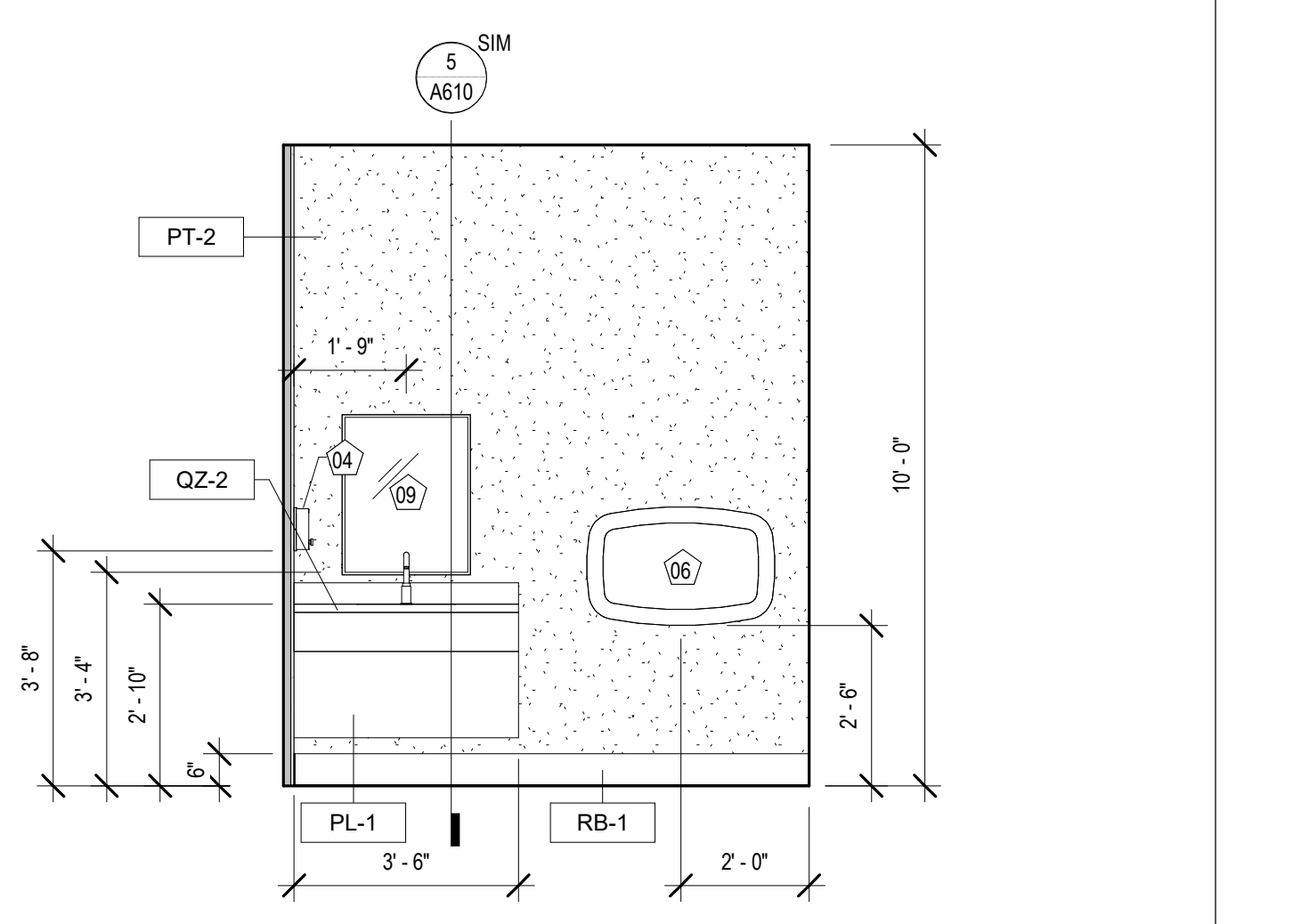
12 INT. ELEVATION - STAFF LOUNGE #121
 A341 3/8" = 1'-0"



11 INT. ELEVATION - KITCHENETTE #108
 A341 3/8" = 1'-0"

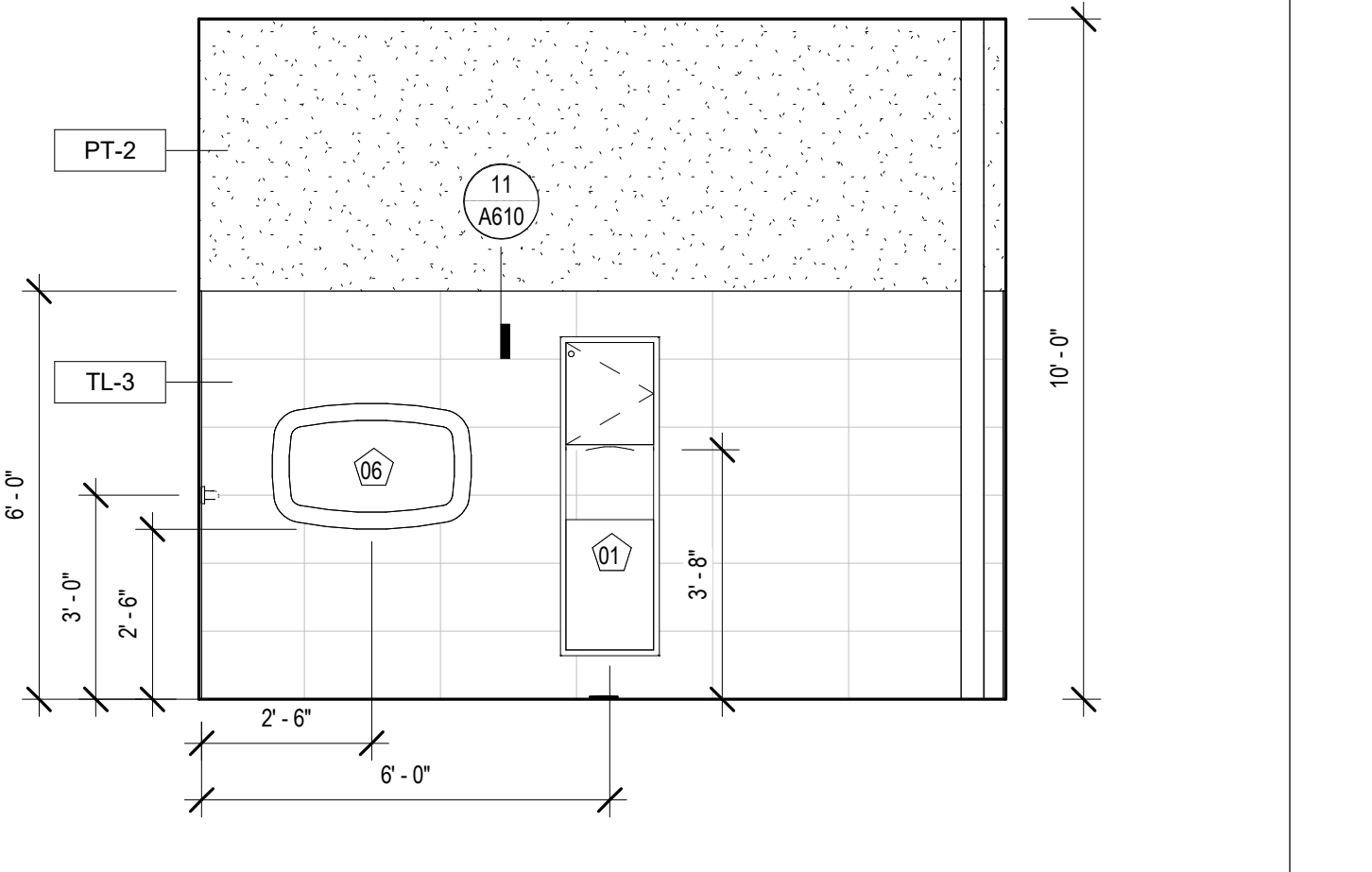


10 INT. ELEVATION - KITCHENETTE #108
 A341 3/8" = 1'-0"

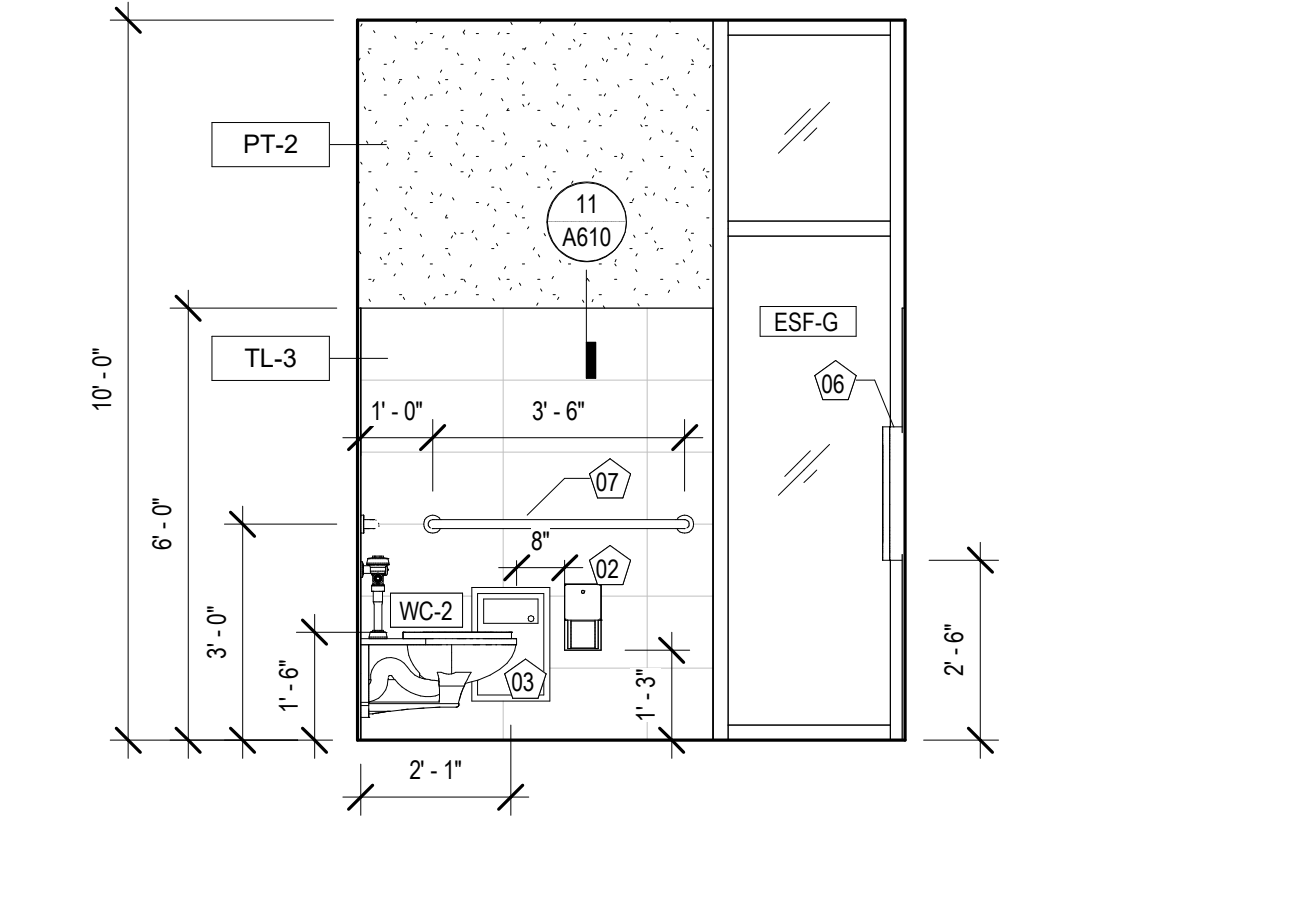


9 INT. ELEVATION - LACTATION #131
 A341 3/8" = 1'-0"

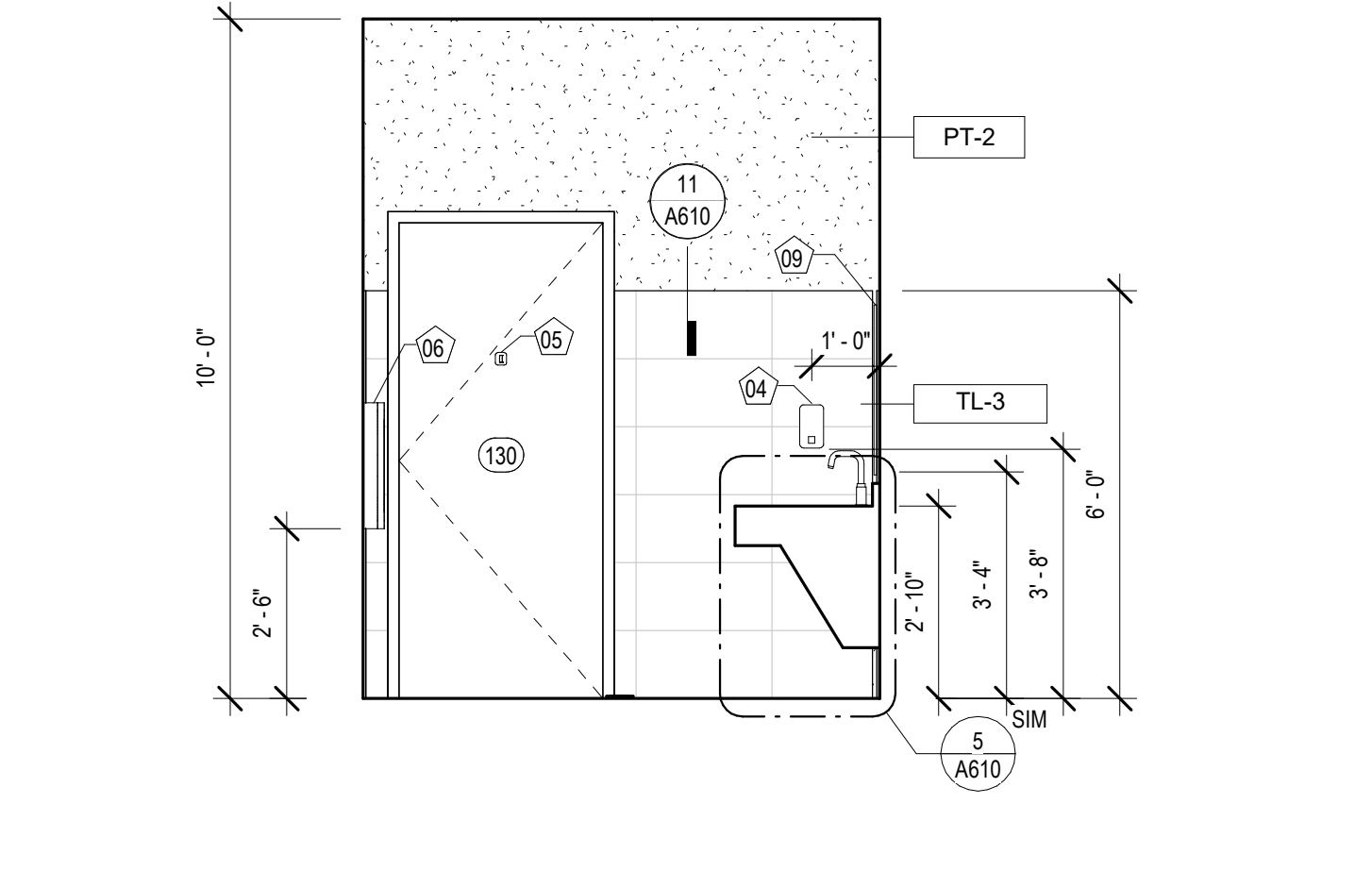
13 INT. ELEVATION - BOOK DROP
 A341 3/8" = 1'-0"



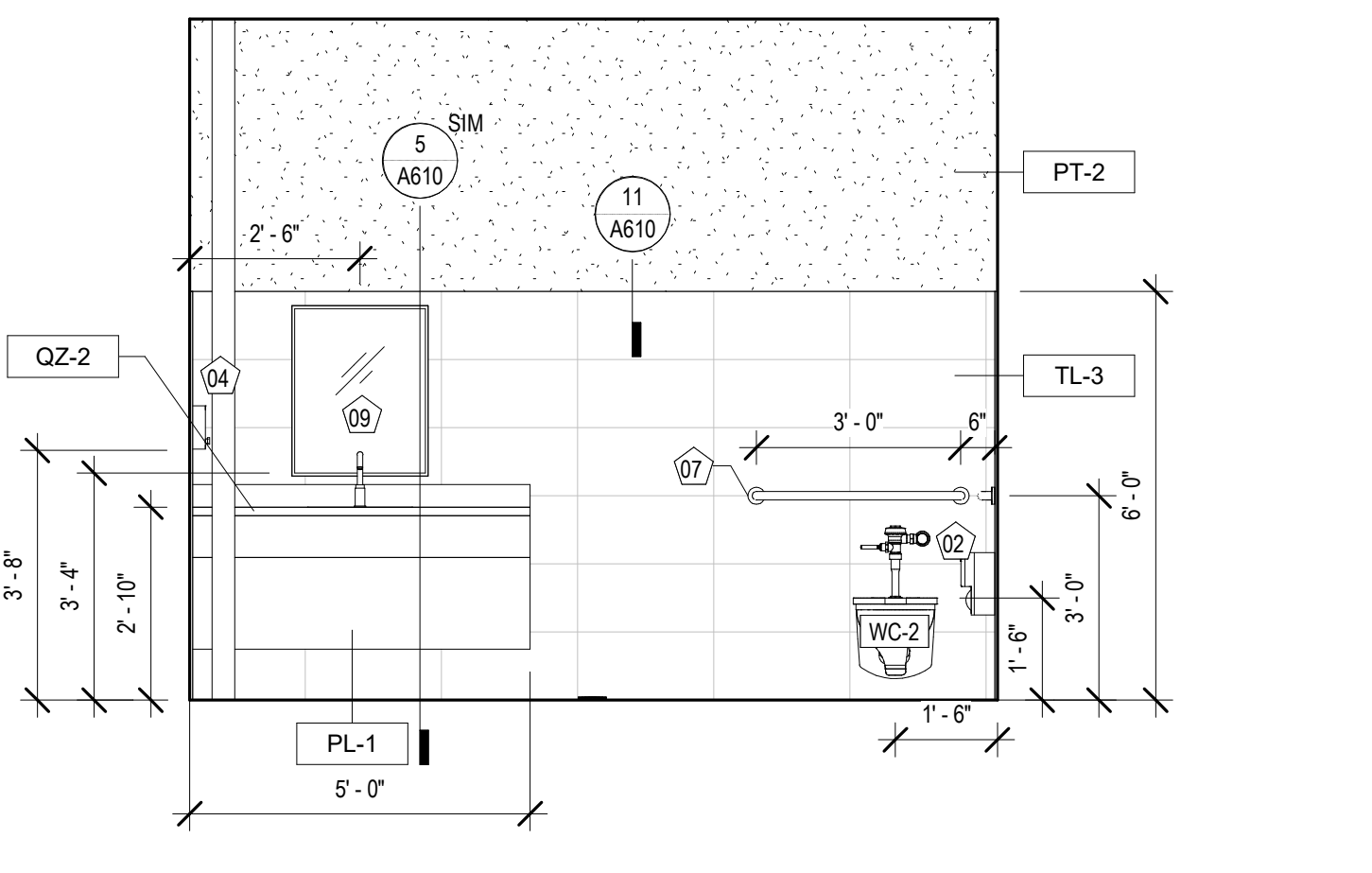
5 INT. ELEVATION - FAMILY #130
 A341 3/8" = 1'-0"



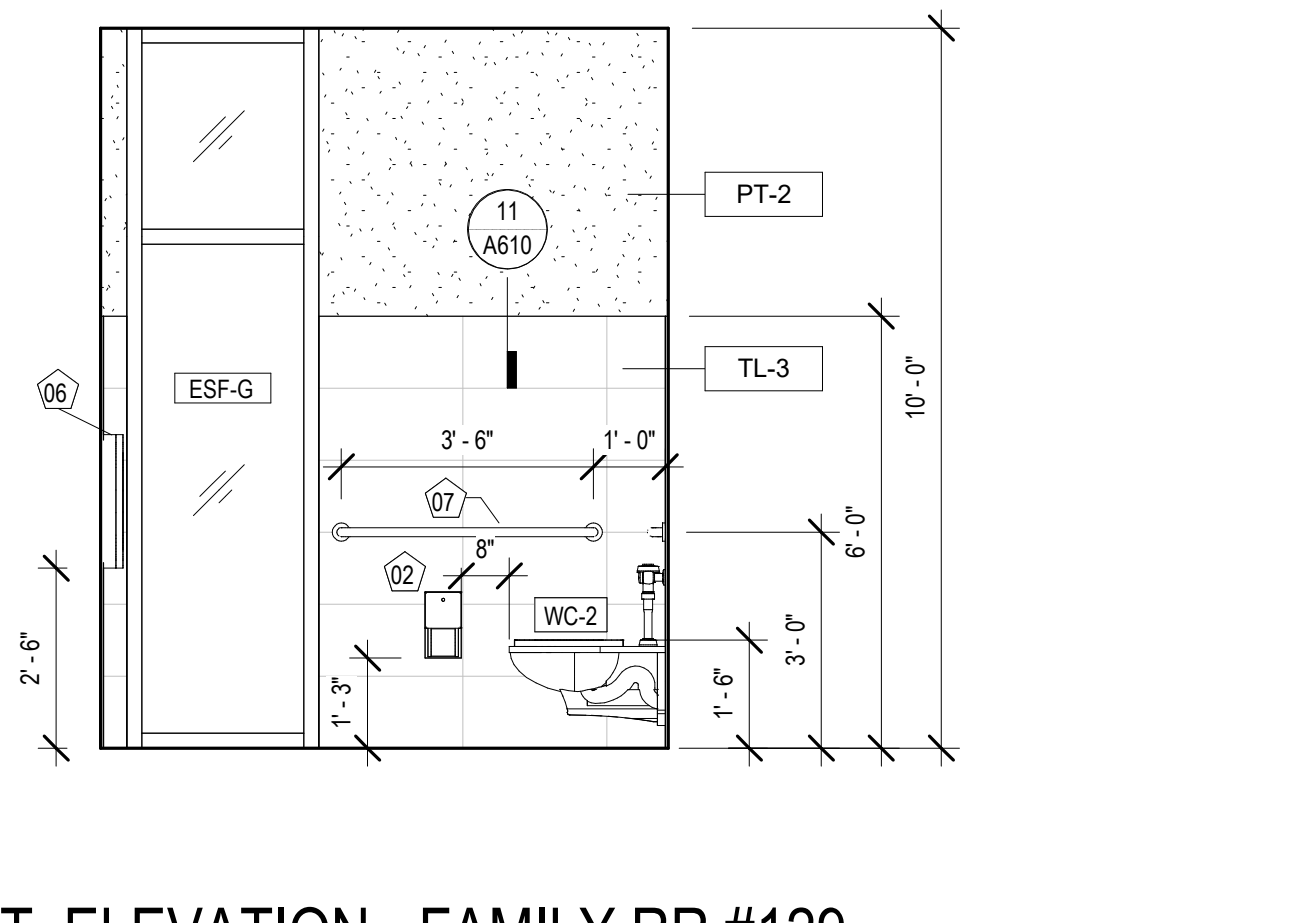
8 INT. ELEVATION - FAMILY RR #130
 A341 3/8" = 1'-0"



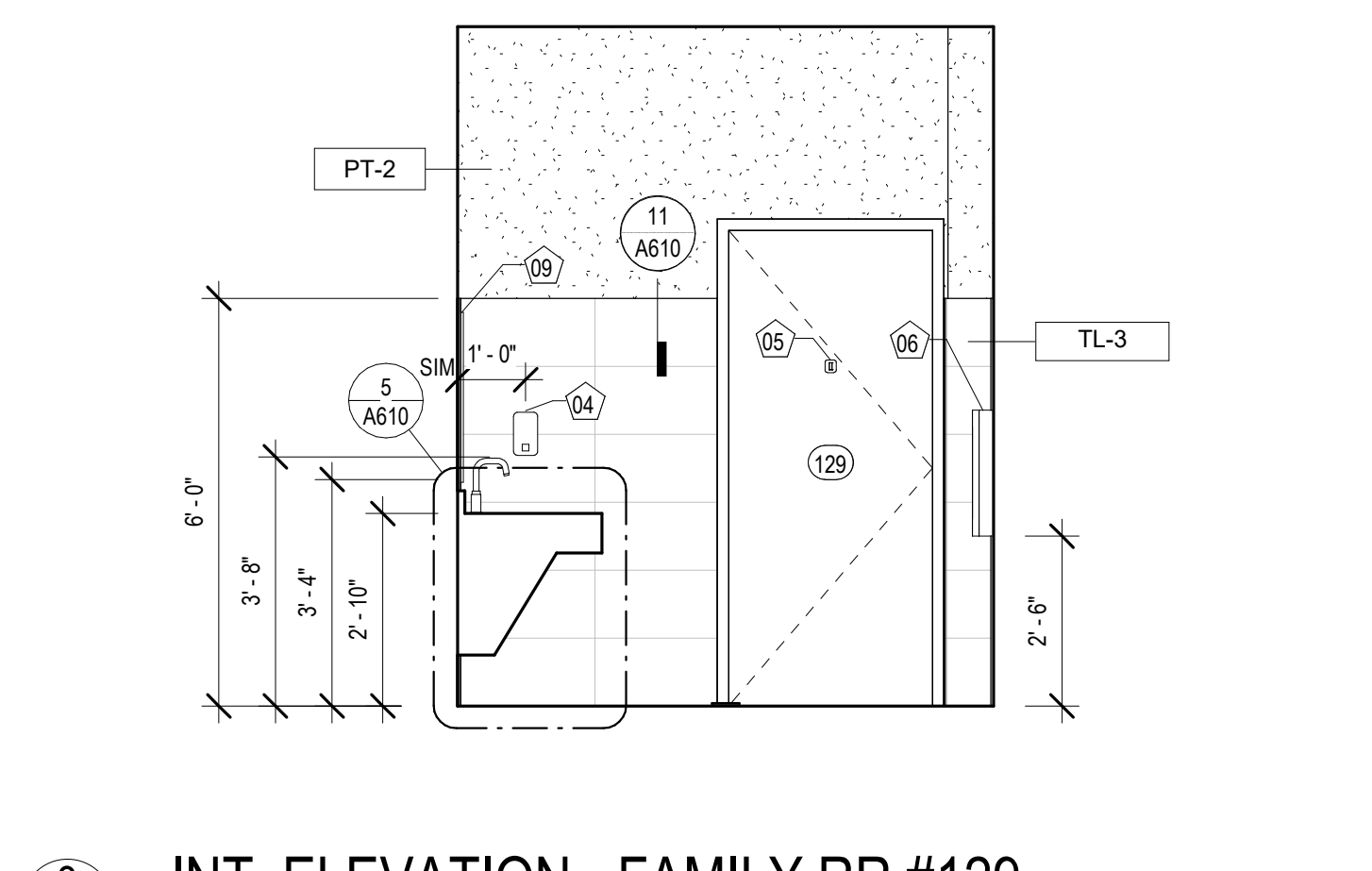
7 INT. ELEVATION - FAMILY #130
 A341 3/8" = 1'-0"



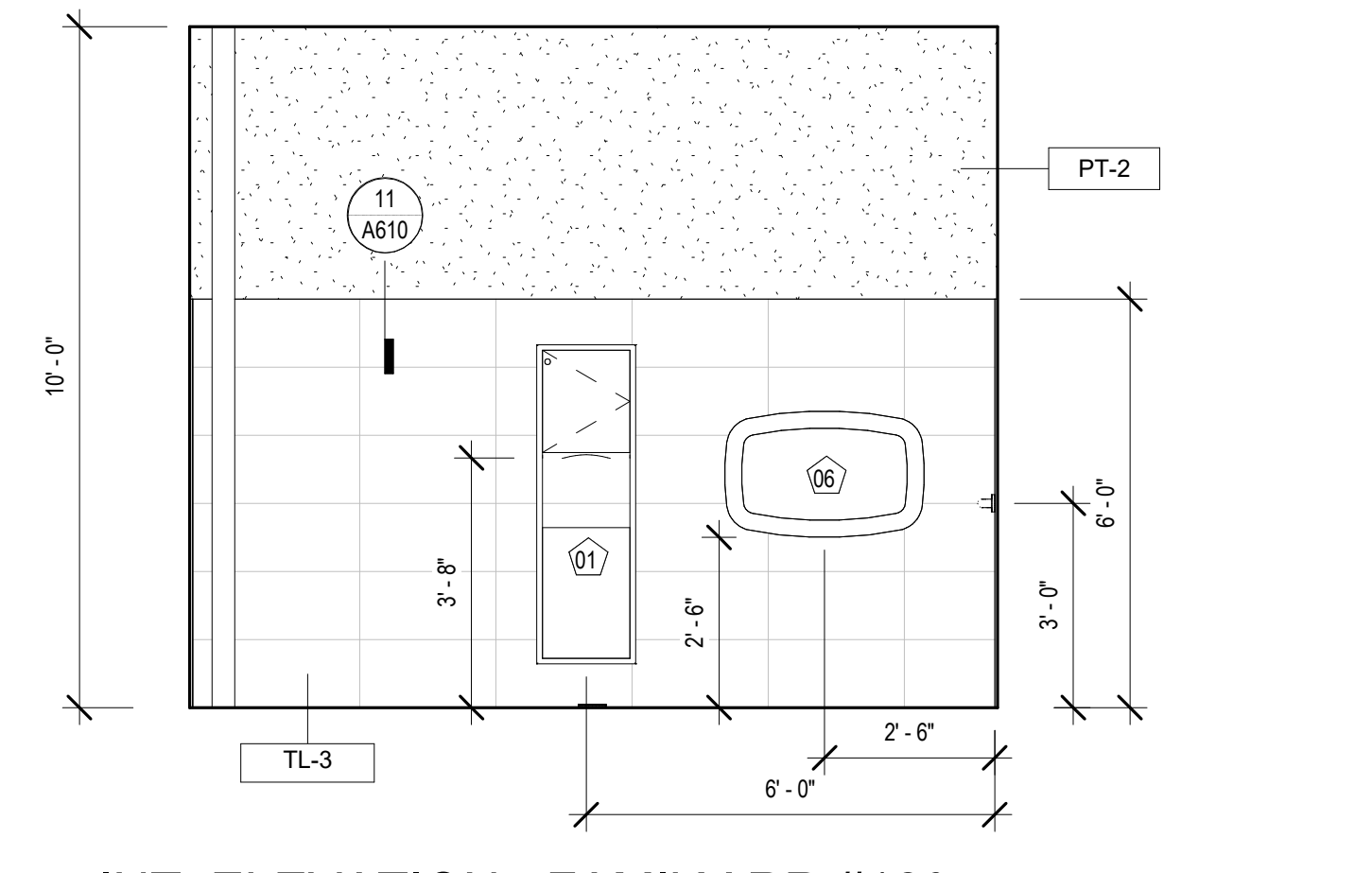
6 INT. ELEVATION - FAMILY RR #130
 A341 3/8" = 1'-0"



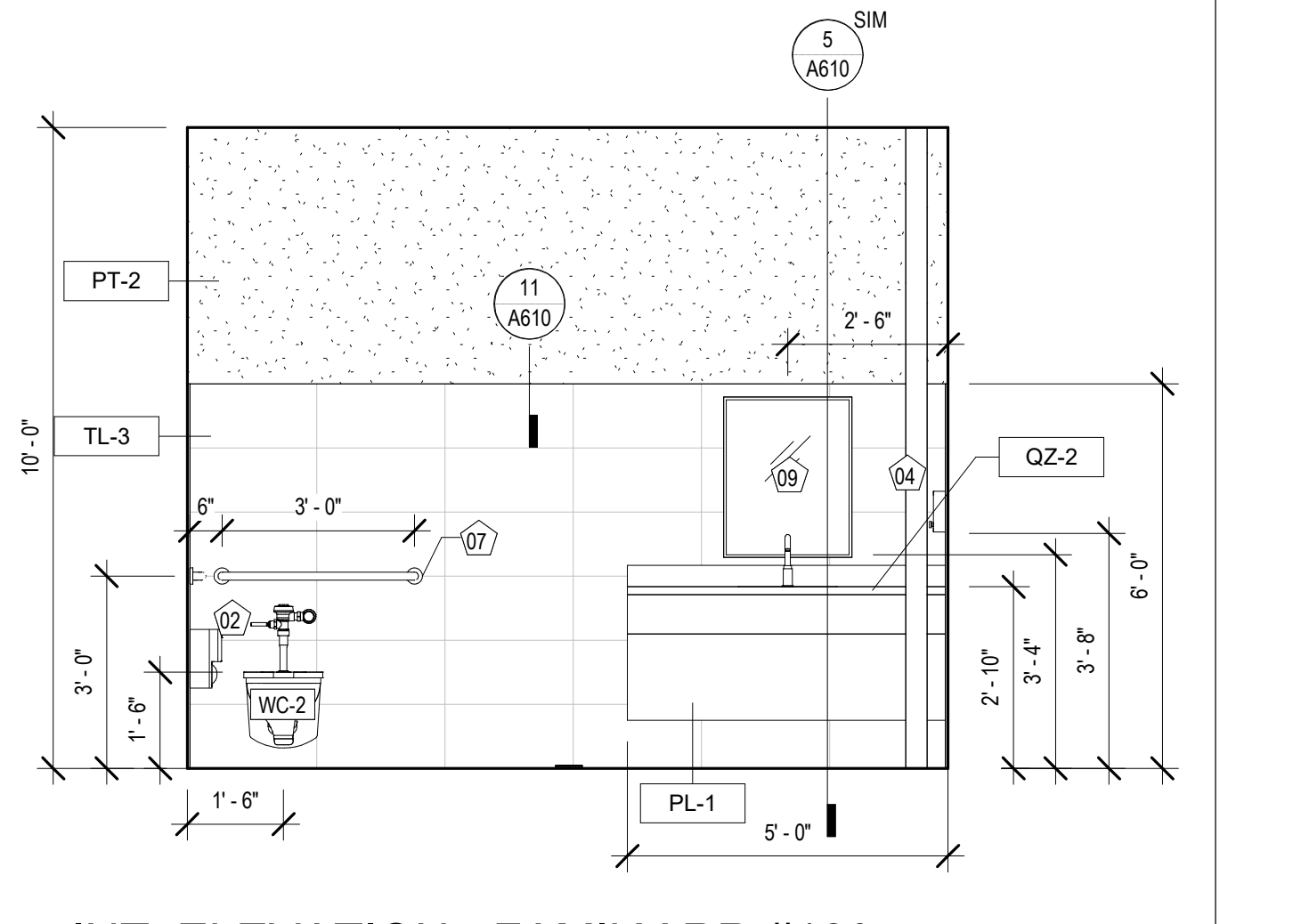
4 INT. ELEVATION - FAMILY RR #129
 A341 3/8" = 1'-0"



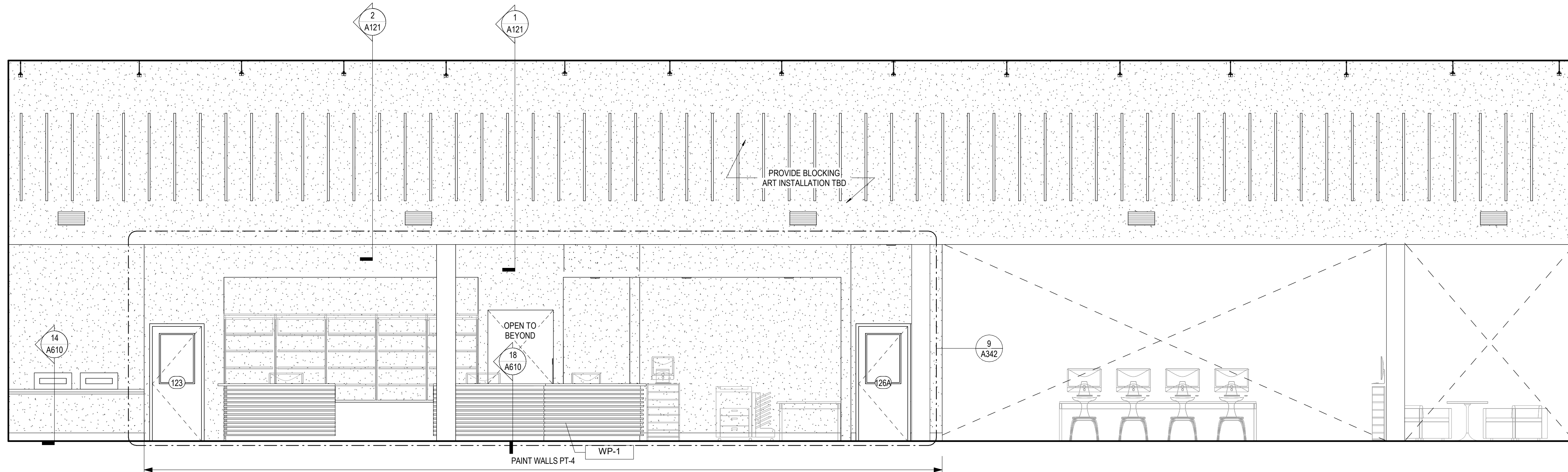
3 INT. ELEVATION - FAMILY RR #129
 A341 3/8" = 1'-0"



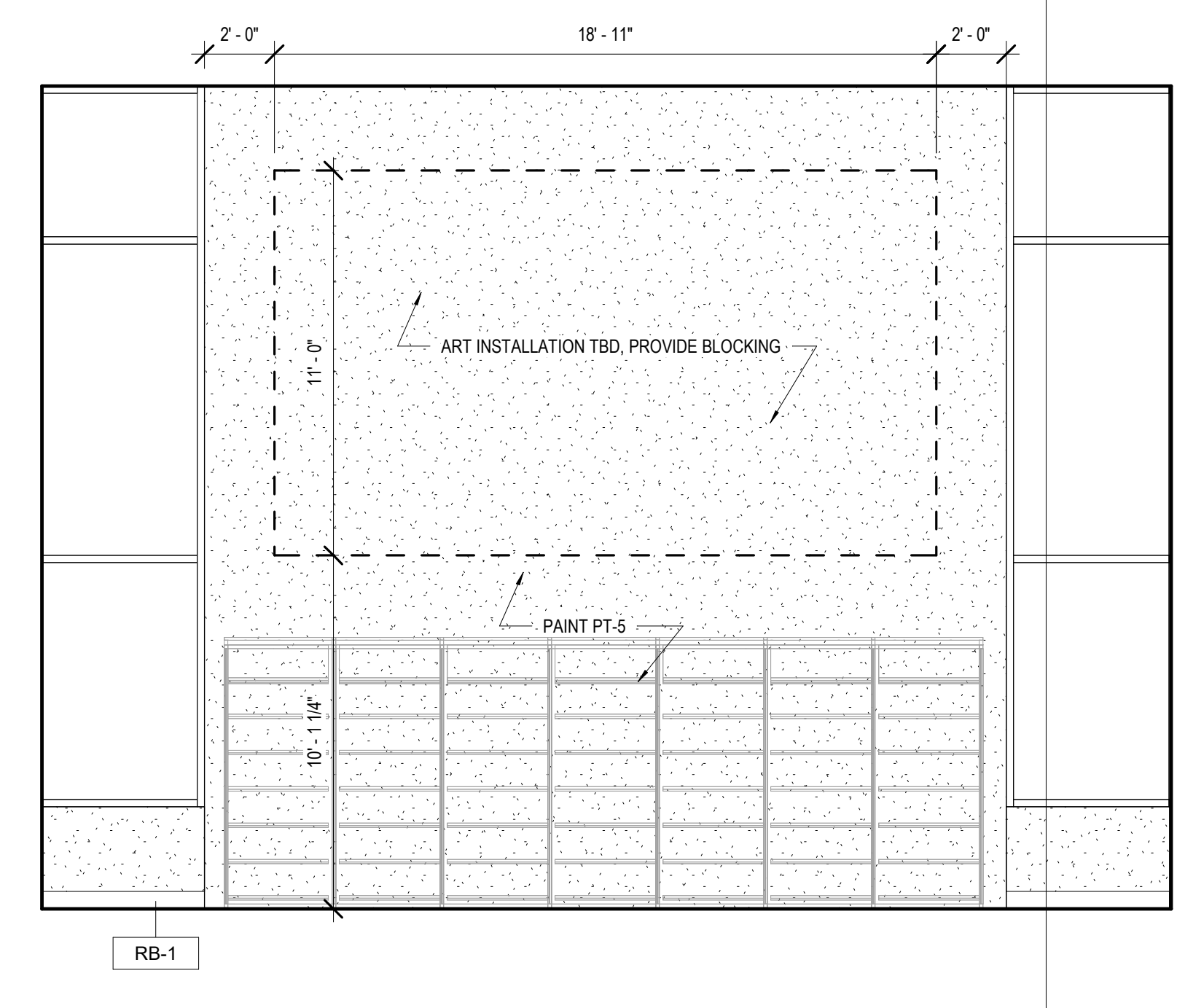
2 INT. ELEVATION - FAMILY RR #129
 A341 3/8" = 1'-0"



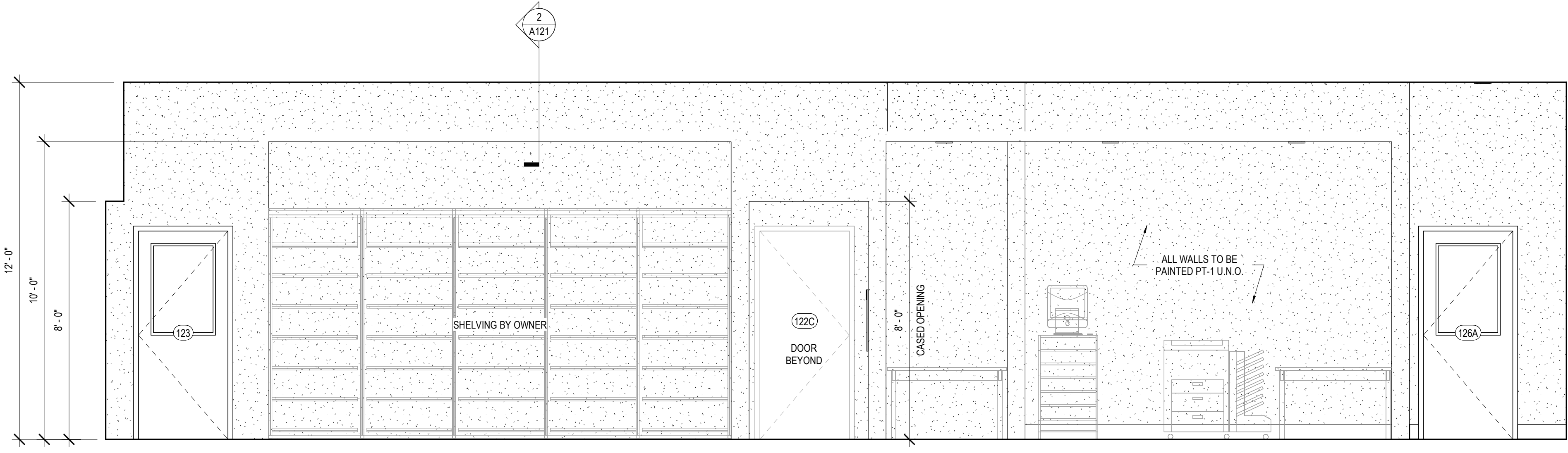
1 INT. ELEVATION - FAMILY RR #129
 A341 3/8" = 1'-0"



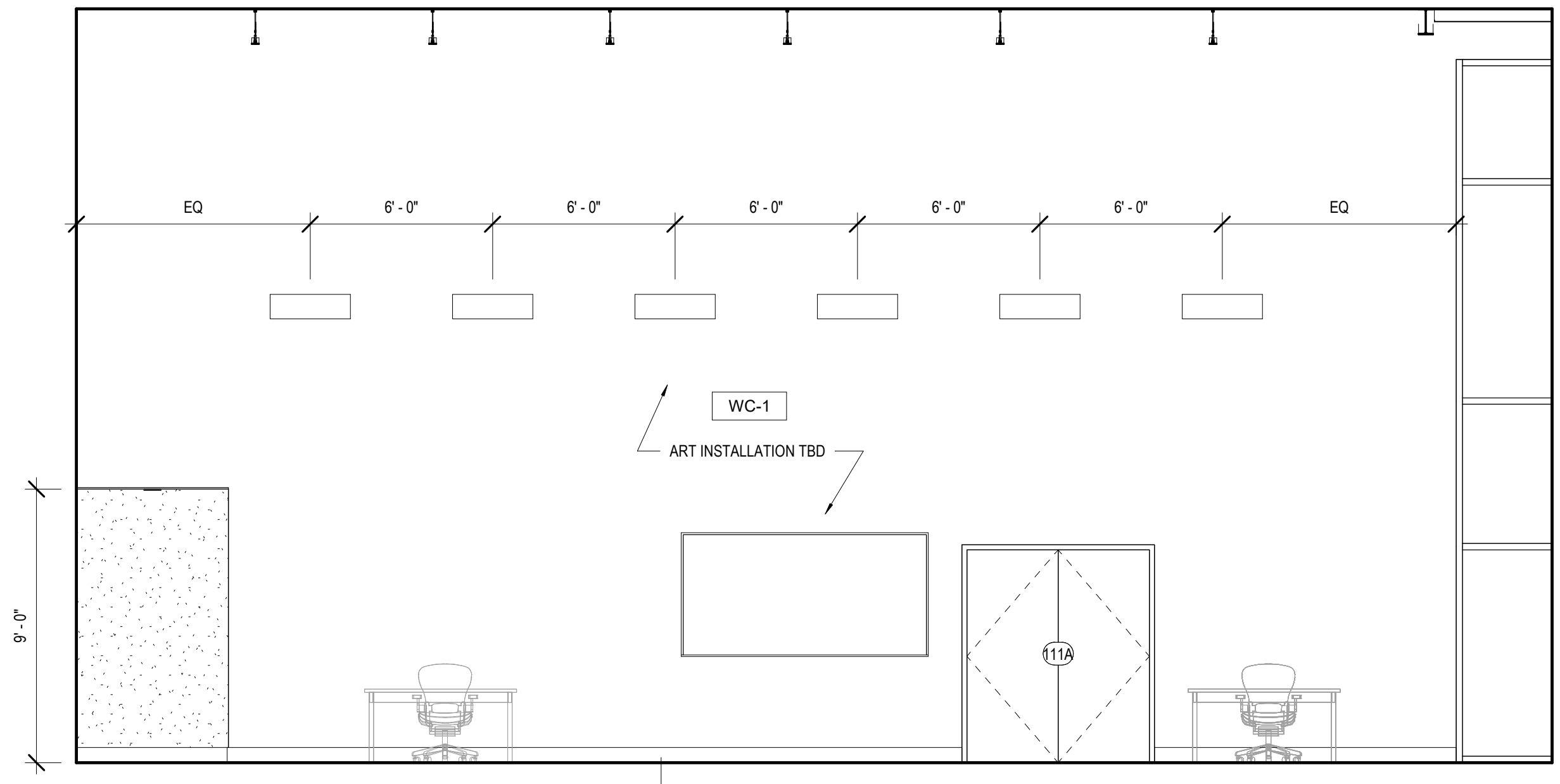
11 INT. ELEVATION - EXHIBIT, NEW BOOKS, ADULT AV - #115
A342 1/4" = 1'-0"



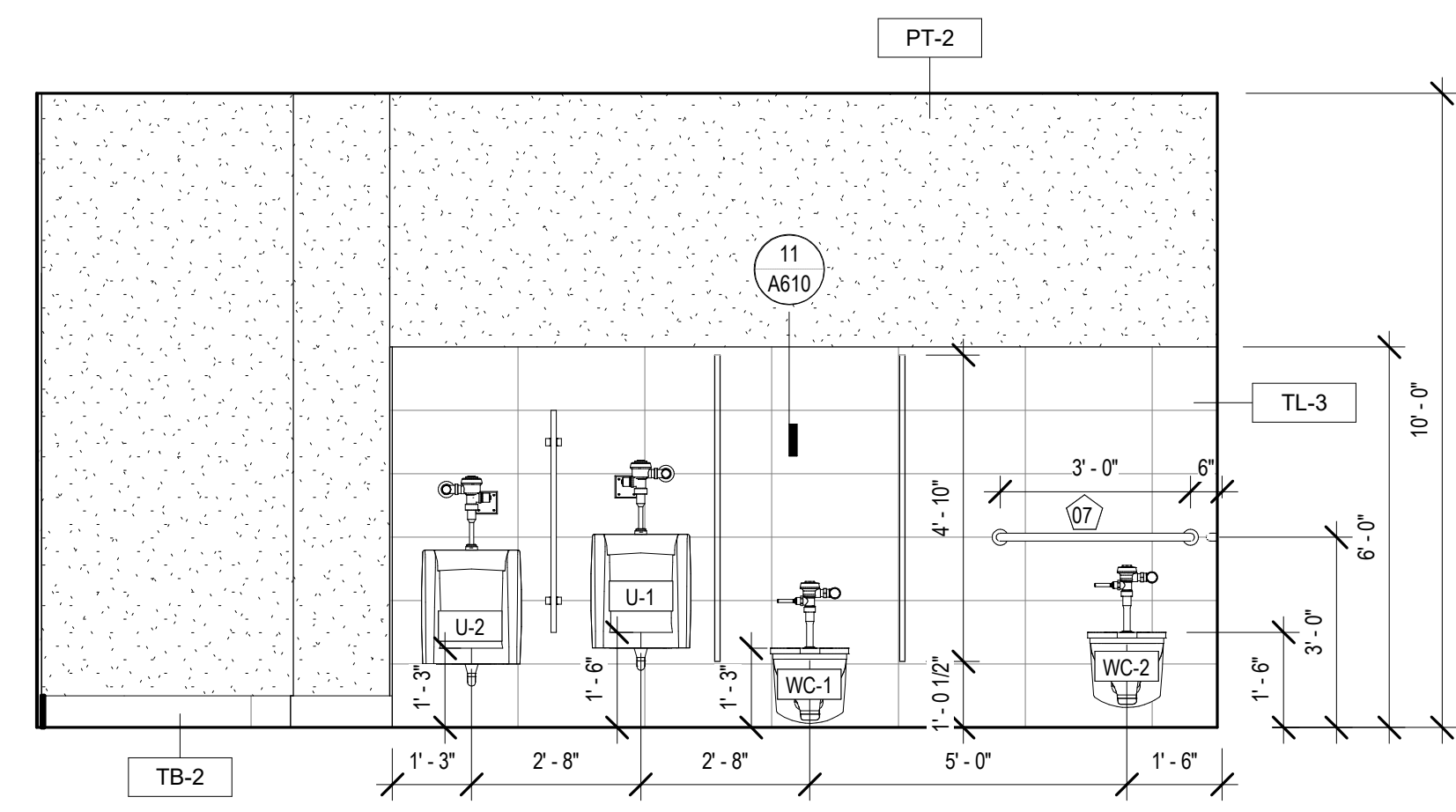
12 INT. ELEVATION - TEEN #140
A342 1/4" = 1'-0"



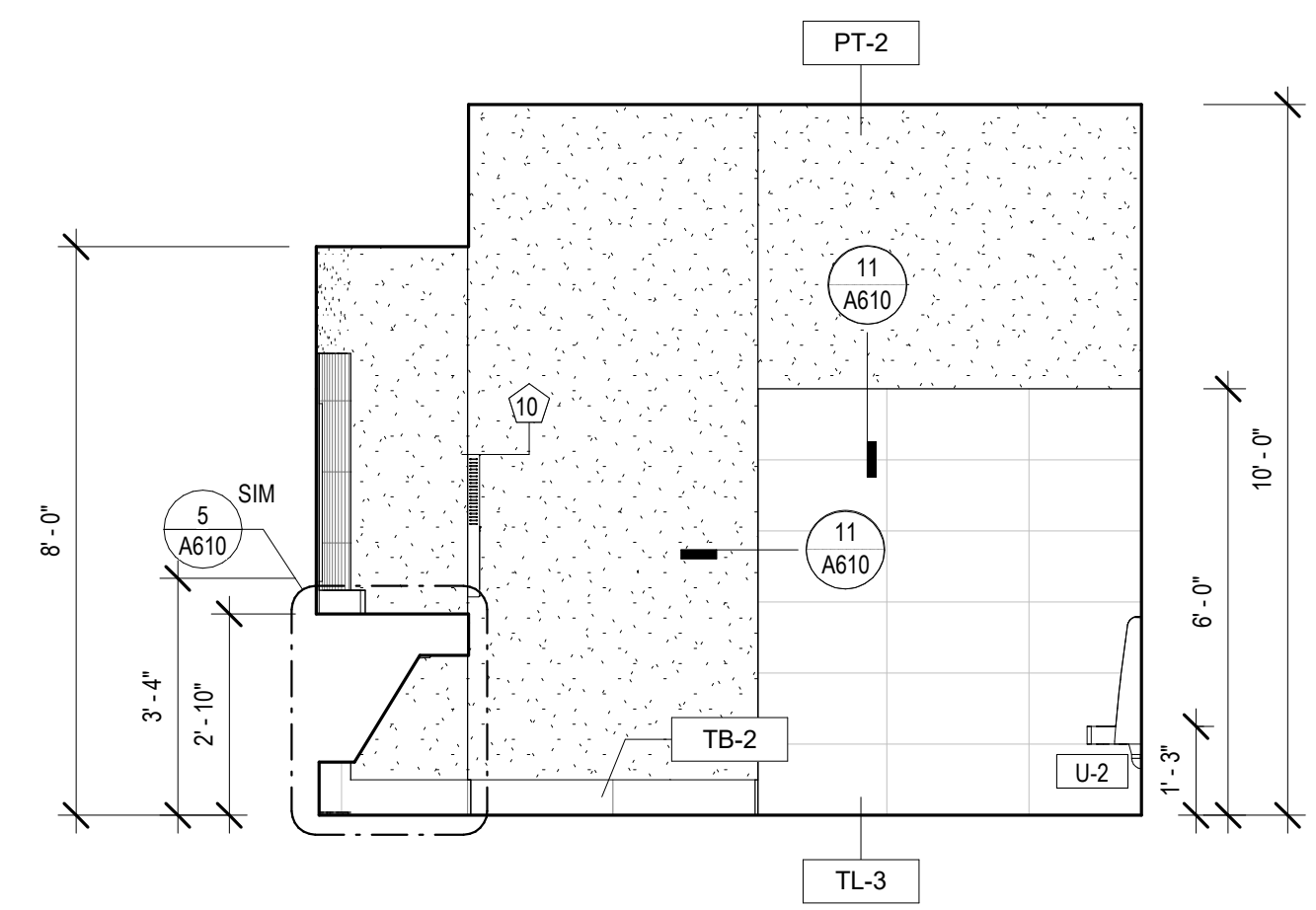
9 INT. ELEVATION - EXHIBIT, NEW BOOKS, ADULT AV - #115
A342 3/8" = 1'-0"



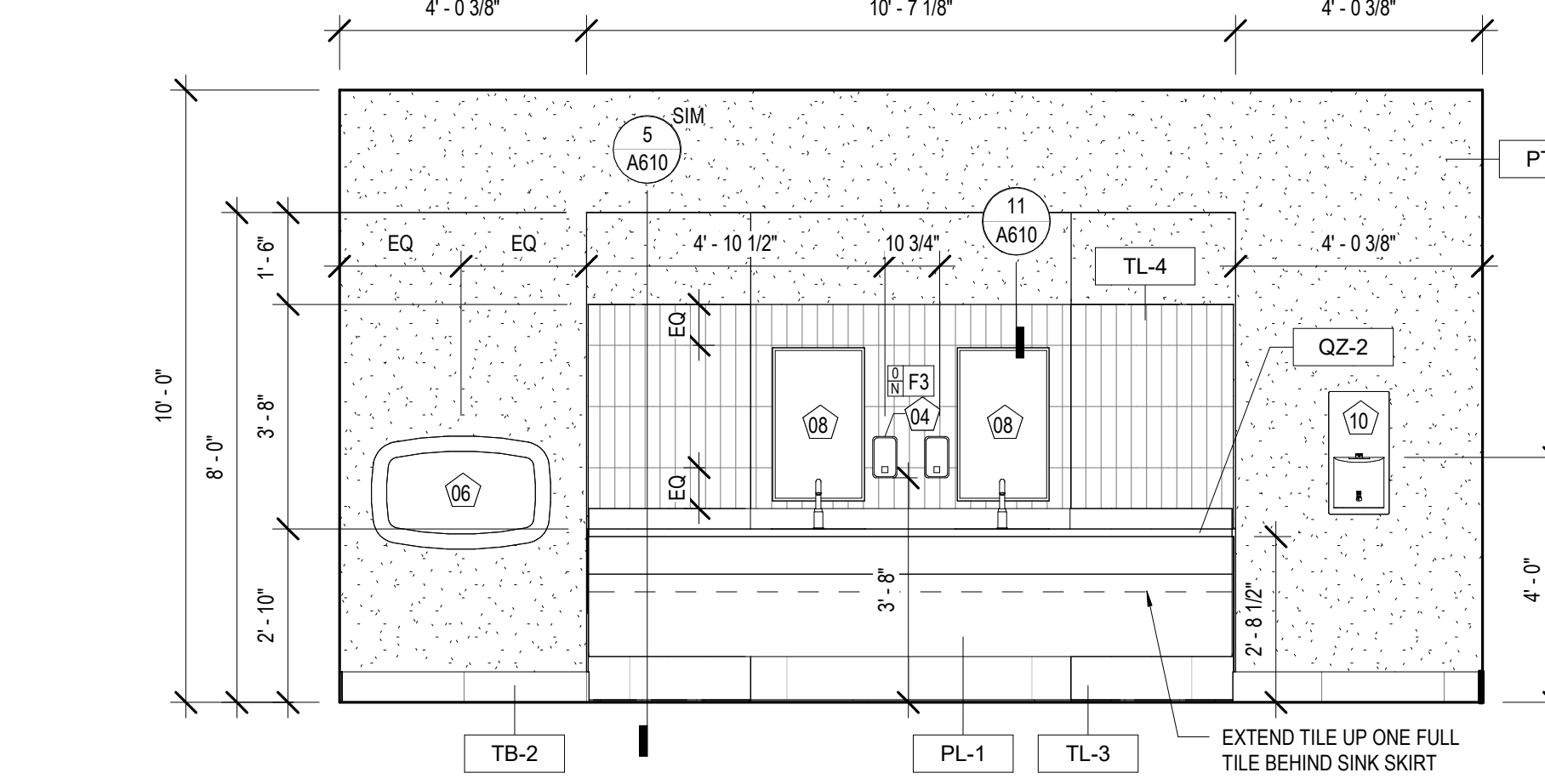
10 INT. ELEVATION - MULTI PURPOSE #113
A342 1/4" = 1'-0"



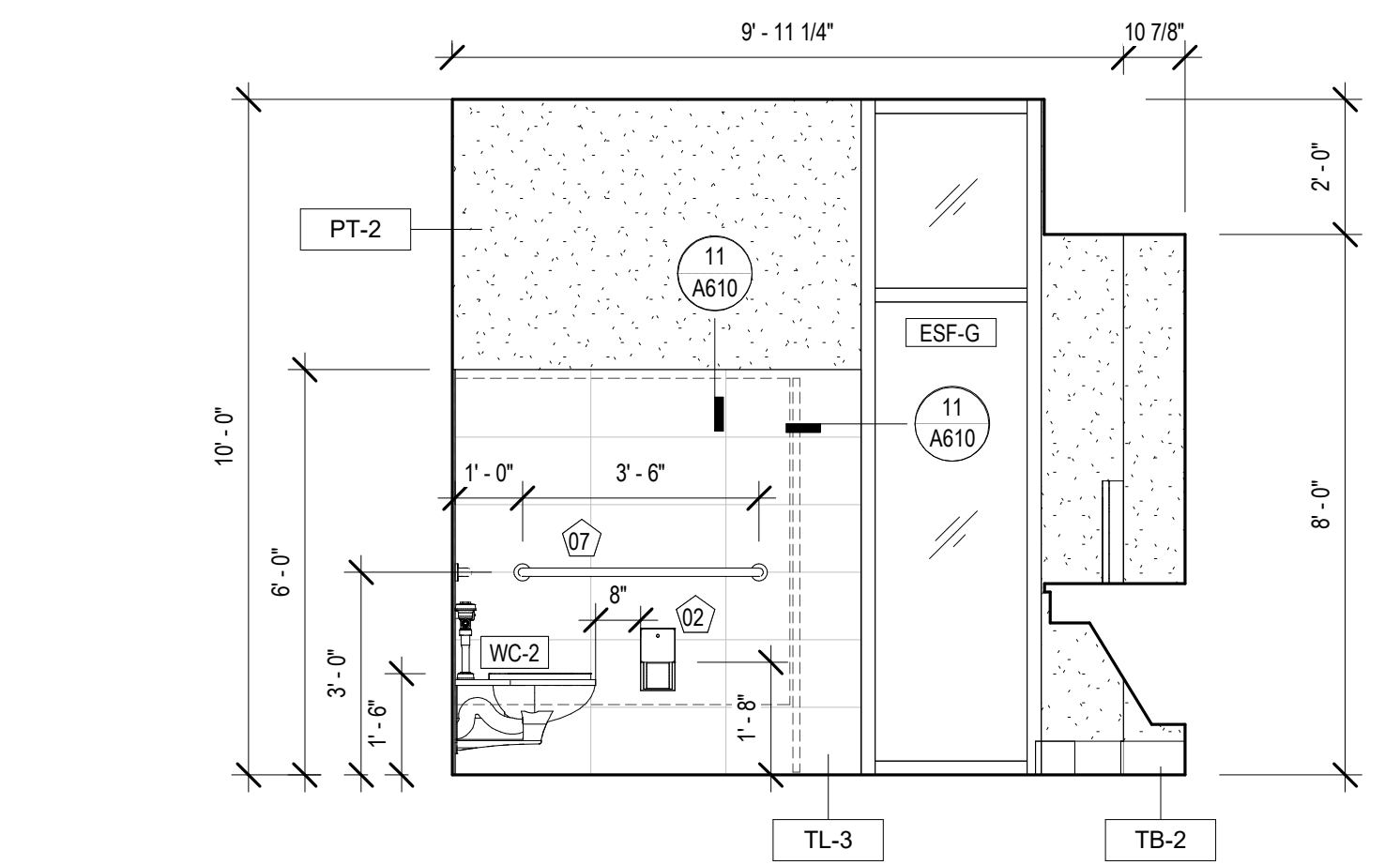
5 INT. ELEVATION - MENS #104
A342 3/8" = 1'-0"



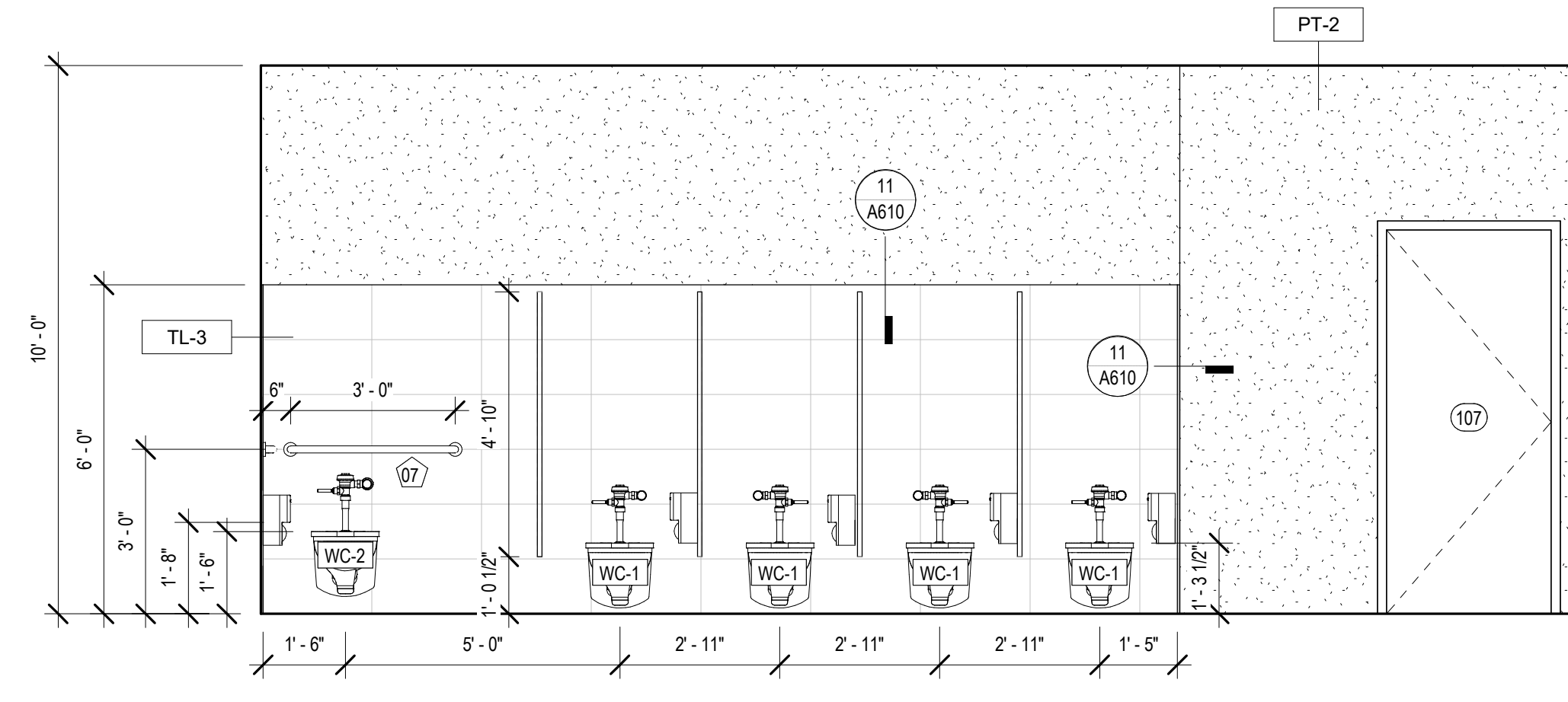
6 INT. ELEVATION - MENS #104
A342 3/8" = 1'-0"



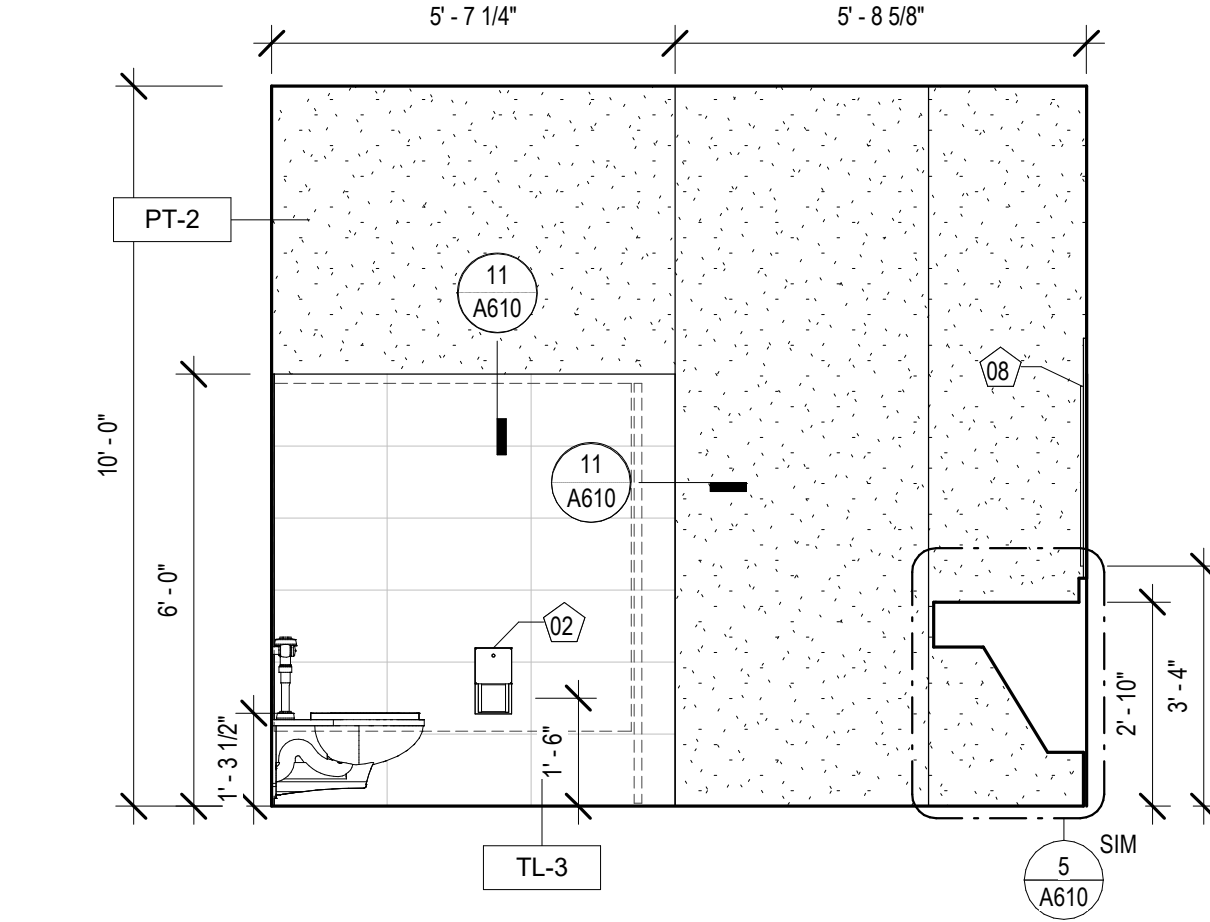
7 INT. ELEVATION - MENS #104
A342 3/8" = 1'-0"



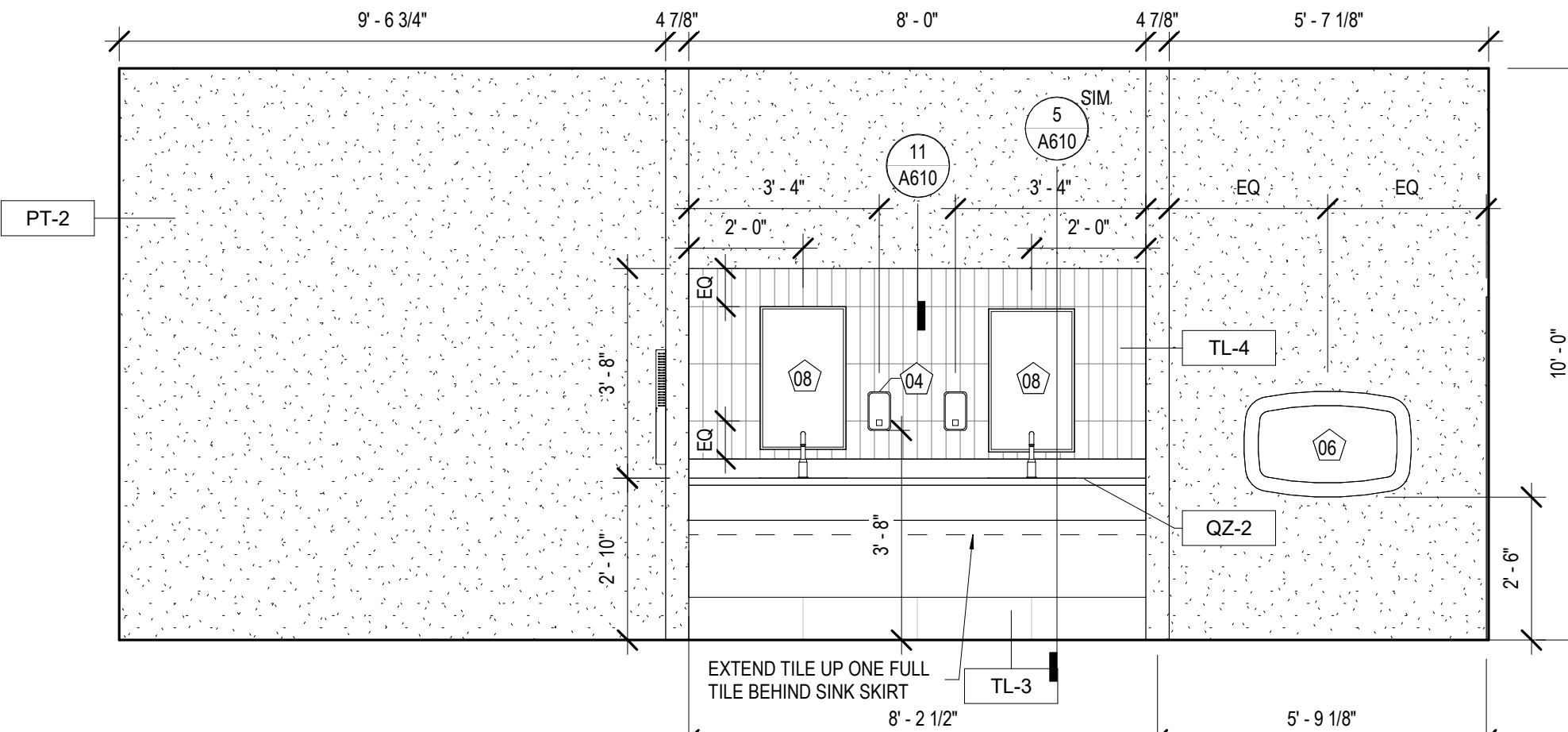
8 INT. ELEVATION - MENS #104
A342 3/8" = 1'-0"



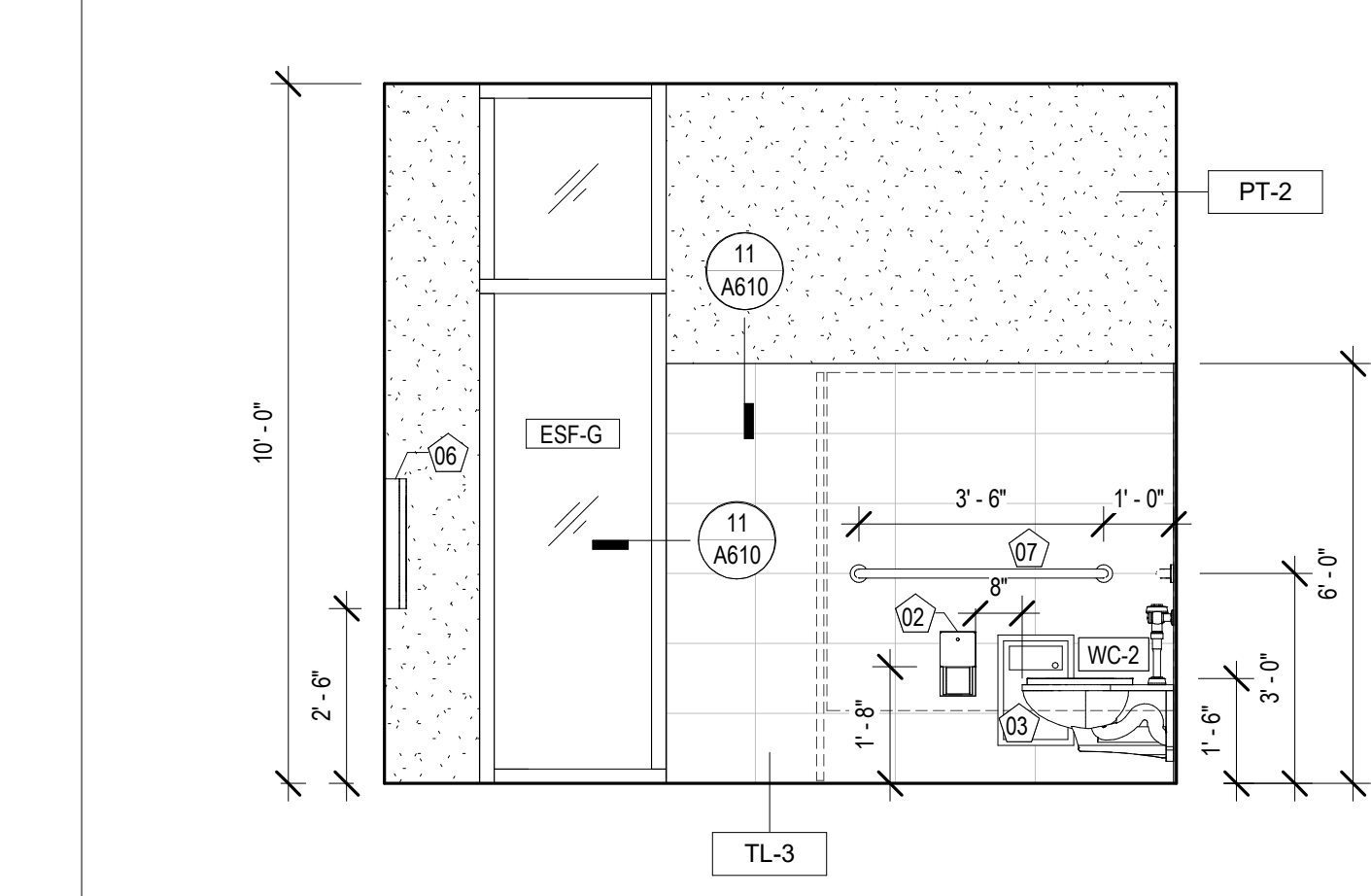
1 INT. ELEVATION - WOMEN'S #107
A342 3/8" = 1'-0"



2 INT. ELEVATION - WOMEN'S #107
A342 3/8" = 1'-0"



3 INT. ELEVATION - WOMEN'S #107
A342 3/8" = 1'-0"



4 INT. ELEVATION - WOMEN'S #107
A342 3/8" = 1'-0"

MATERIALS KEYING/ GENERAL NOTES

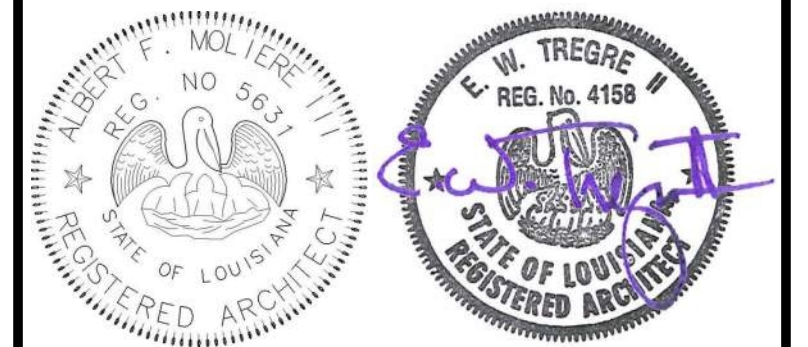
TOILET ROOM ACCESSORY LEGEND

01	PAPER TOWEL DISPENSER / WASTE RECEPTACLE
02	SURFACE MOUNTED TOILET TISSUE DISPENSER
03	SANITARY NAPKIN DISPOSAL
04	SURFACE MOUNTED SOAP DISPENSER
05	COAT HOOK
06	BABY CHANGING STATION
07	36" & 42" GRAB BAR
08	MIRROR 18" x 30"
09	MIRROR 36" x 30"
10	HANDDRYER

NOTE: SEE SHEET A130 FOR MODEL #'S

EQUIPMENT SCHEDULE

Type Mark	Description
01	EXISTING COMPUTER & MONITOR
02	NEW 70" TV MONITOR
03	EXISTING NEC SIGNAGE TV
04	EXISTING PROMETHAN VIDEO BOARD
05	EXISTING PAC STATION



No.	Description	Date

KEY PLAN

Mathes Brierre + /BM
ARCHITECTS ARCHITECTS/BEAZLEY/MOIERE
A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
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300 Heymann Blvd.
Lafayette, Louisiana 70503
337.233.0614

PROJECT TITLE

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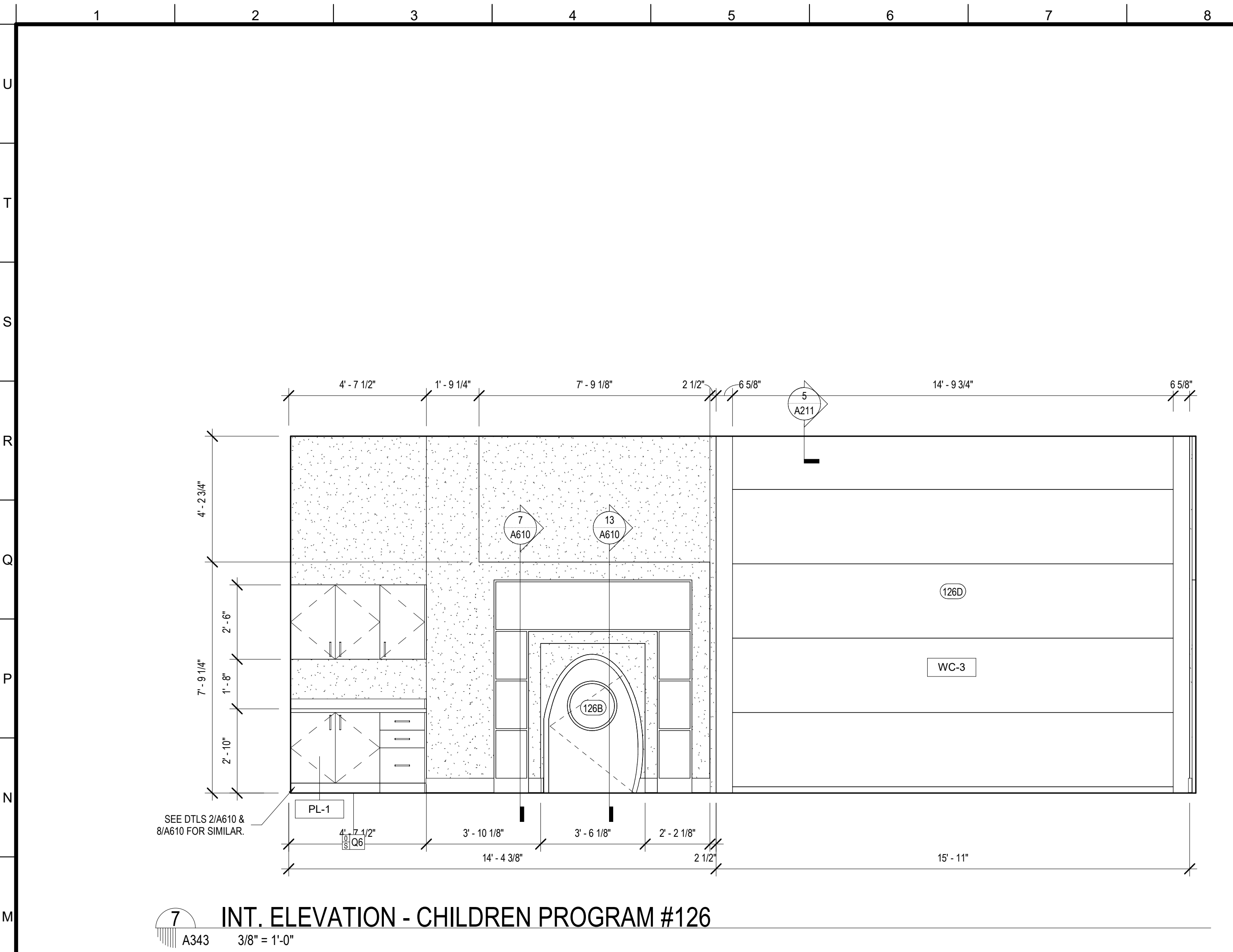
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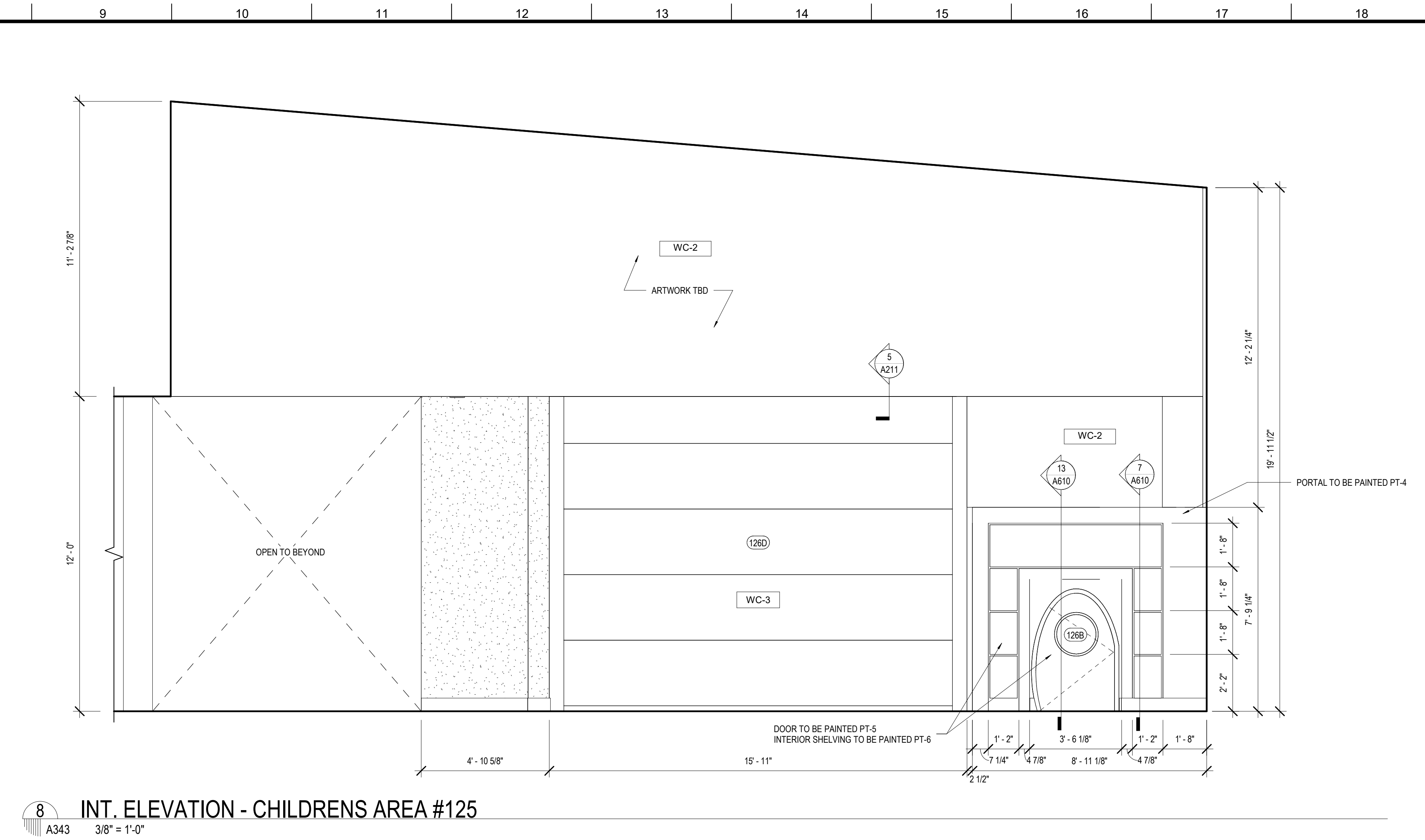
DESIGNED BY MBA/ABM CHECKED BY RZ/PP
DRAWN BY CF/FA/RZ DATE 05.05.2023

SHEET TITLE
INTERIOR ELEVATIONS

PROJECT NO. SHEET NO.
MBA - 11884 A342
ABM - 201813



7 INT. ELEVATION - CHILDREN PROGRAM #126
A343 3/8" = 1'-0"



8 INT. ELEVATION - CHILDRENS AREA #125
A343 3/8" = 1'-0"



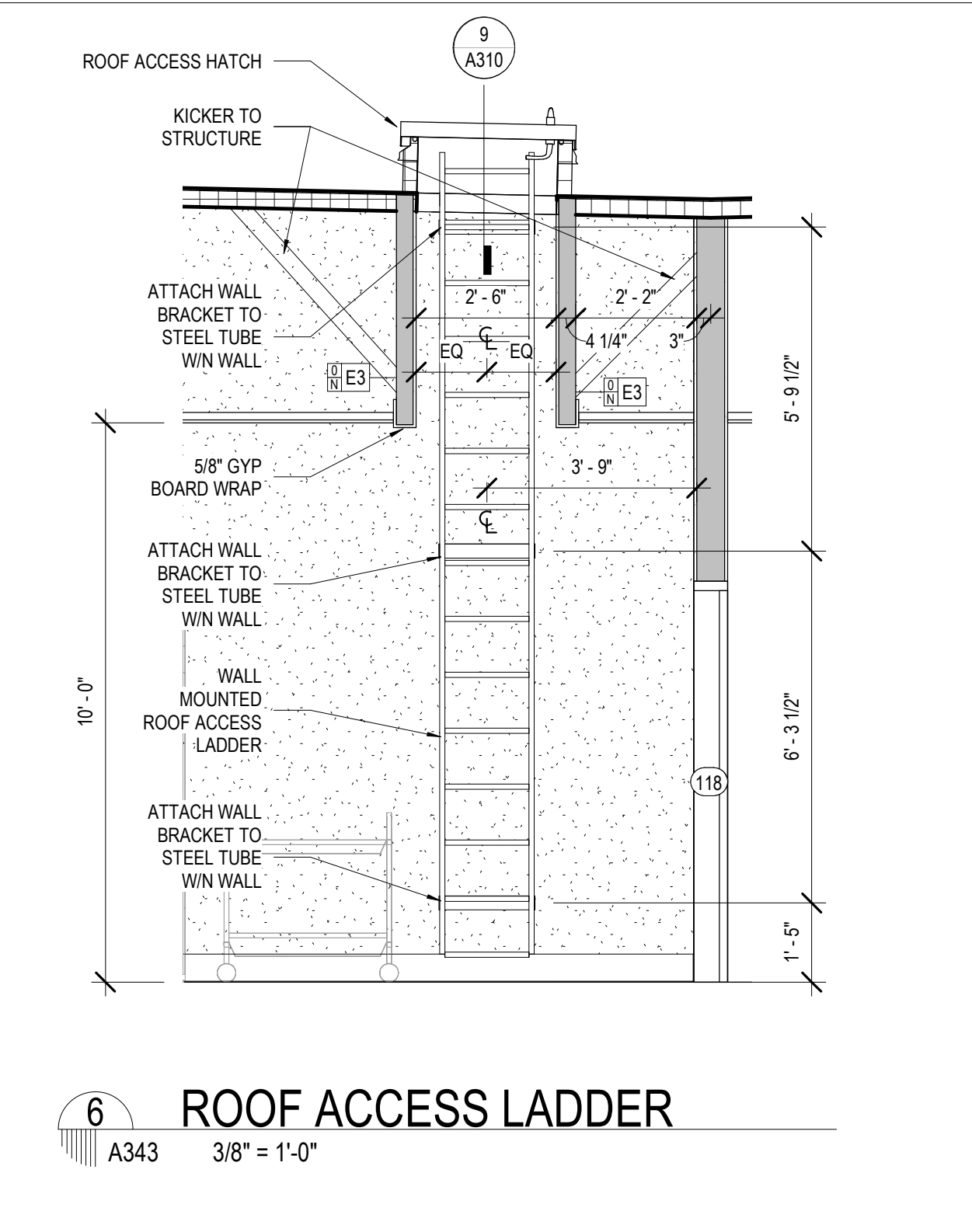
3 INT. ELEVATION - CHILDREN PROGRAM #126
A343 1/4" = 1'-0"



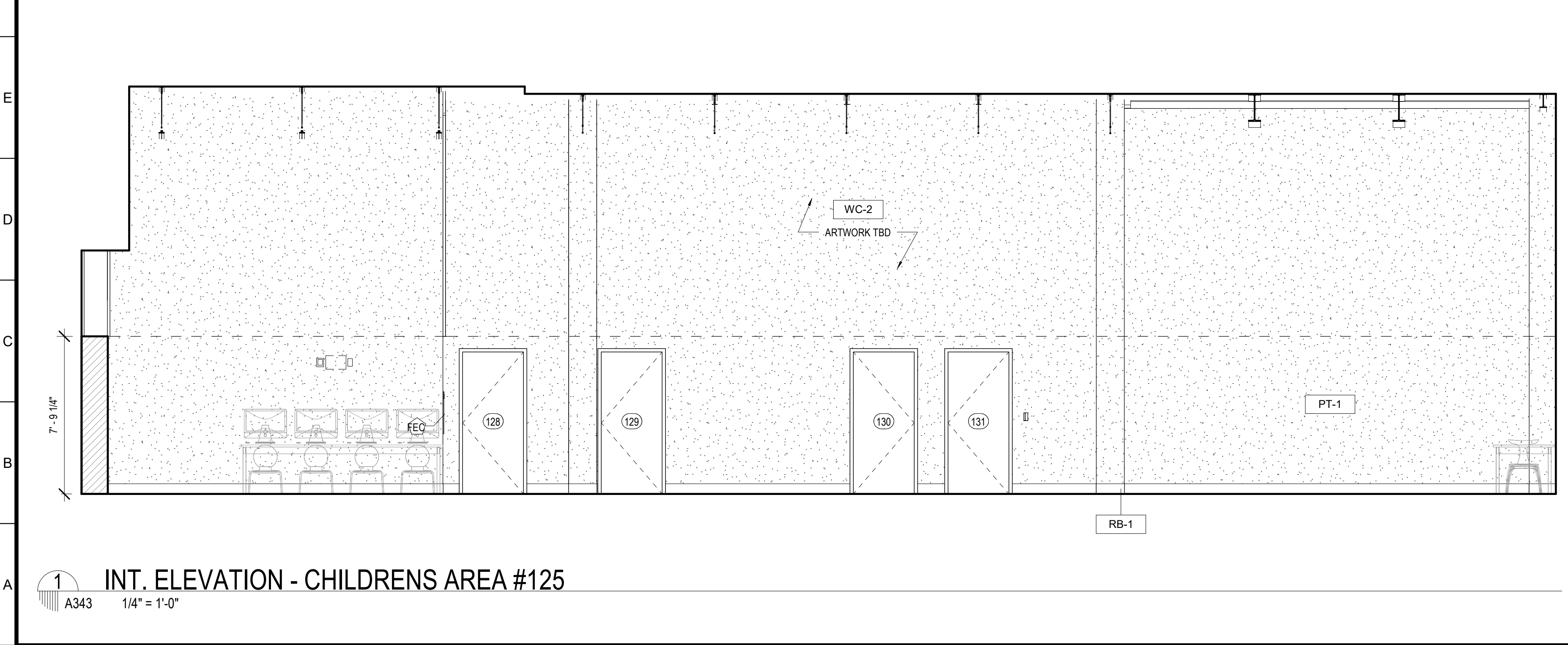
4 INT. ELEVATION - CHILDREN PROGRAM #126
A343 1/4" = 1'-0"



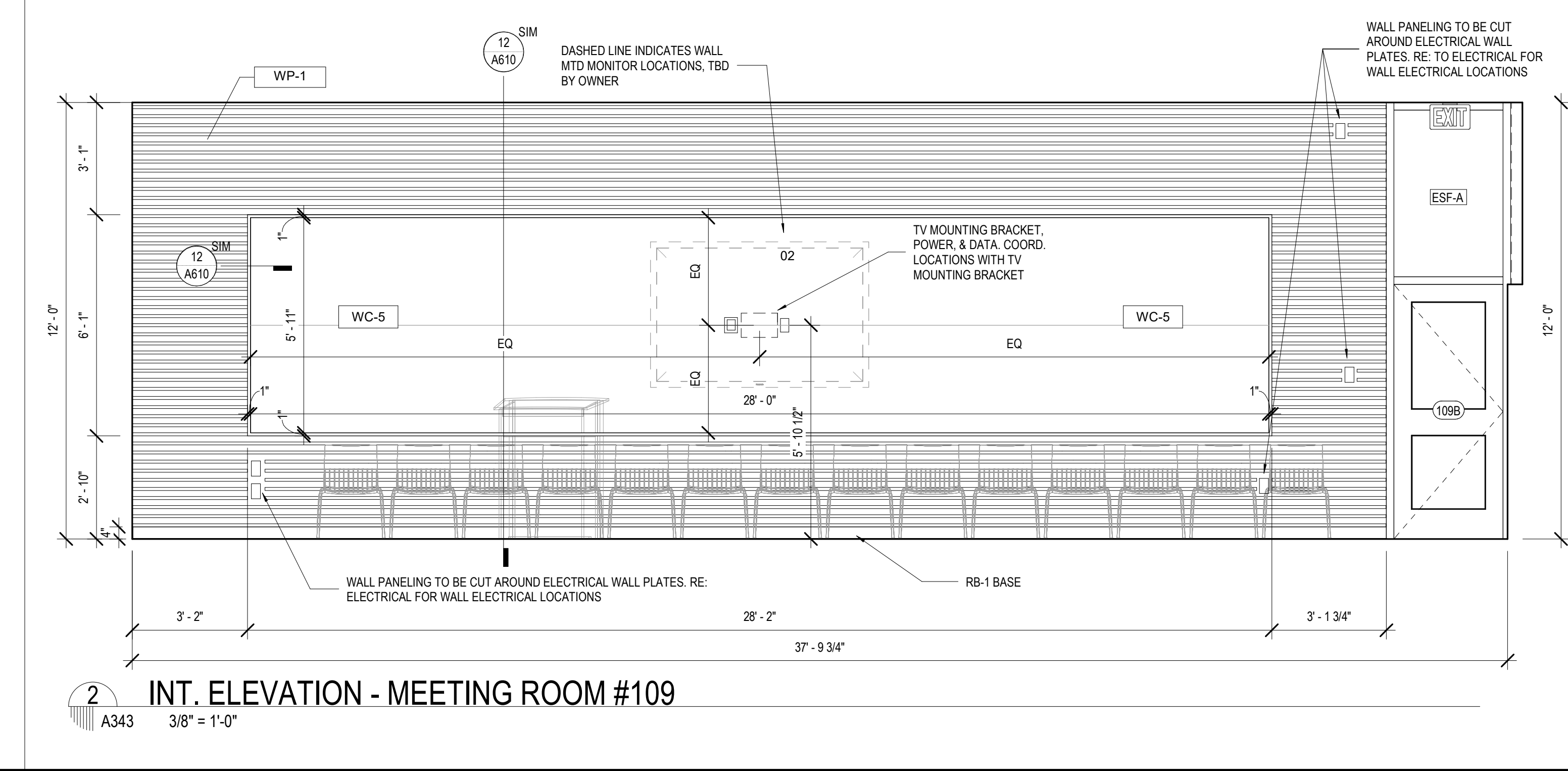
5 INT. ELEVATION - CHILDREN PROGRAM #126
A343 1/4" = 1'-0"



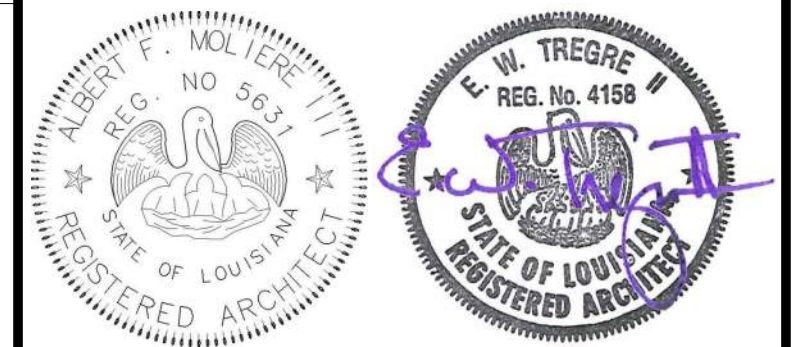
6 ROOF ACCESS LADDER
A343 3/8" = 1'-0"



1 INT. ELEVATION - CHILDRENS AREA #125
A343 1/4" = 1'-0"



2 INT. ELEVATION - MEETING ROOM #109
A343 3/8" = 1'-0"

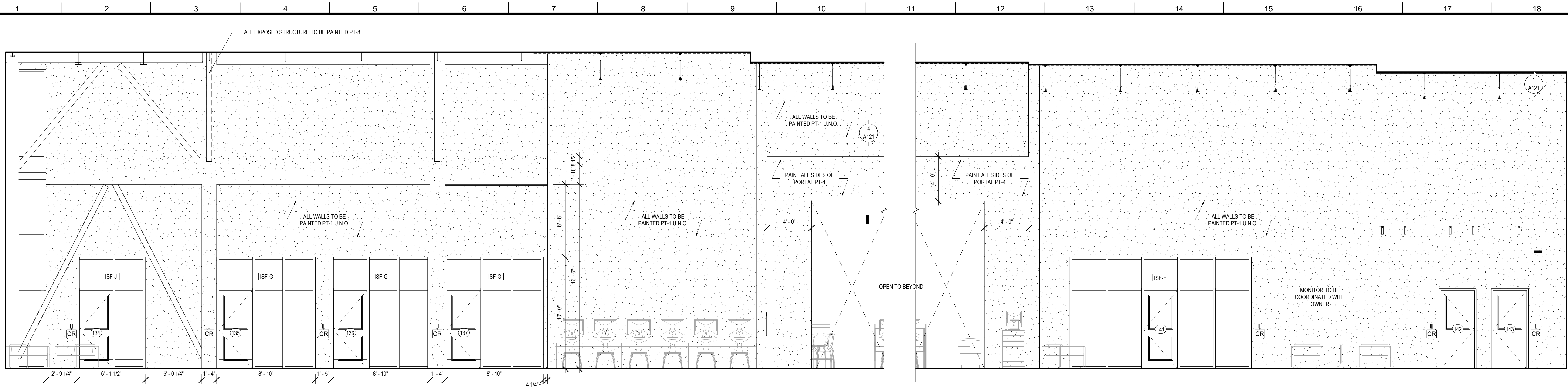


No.	Description	Date

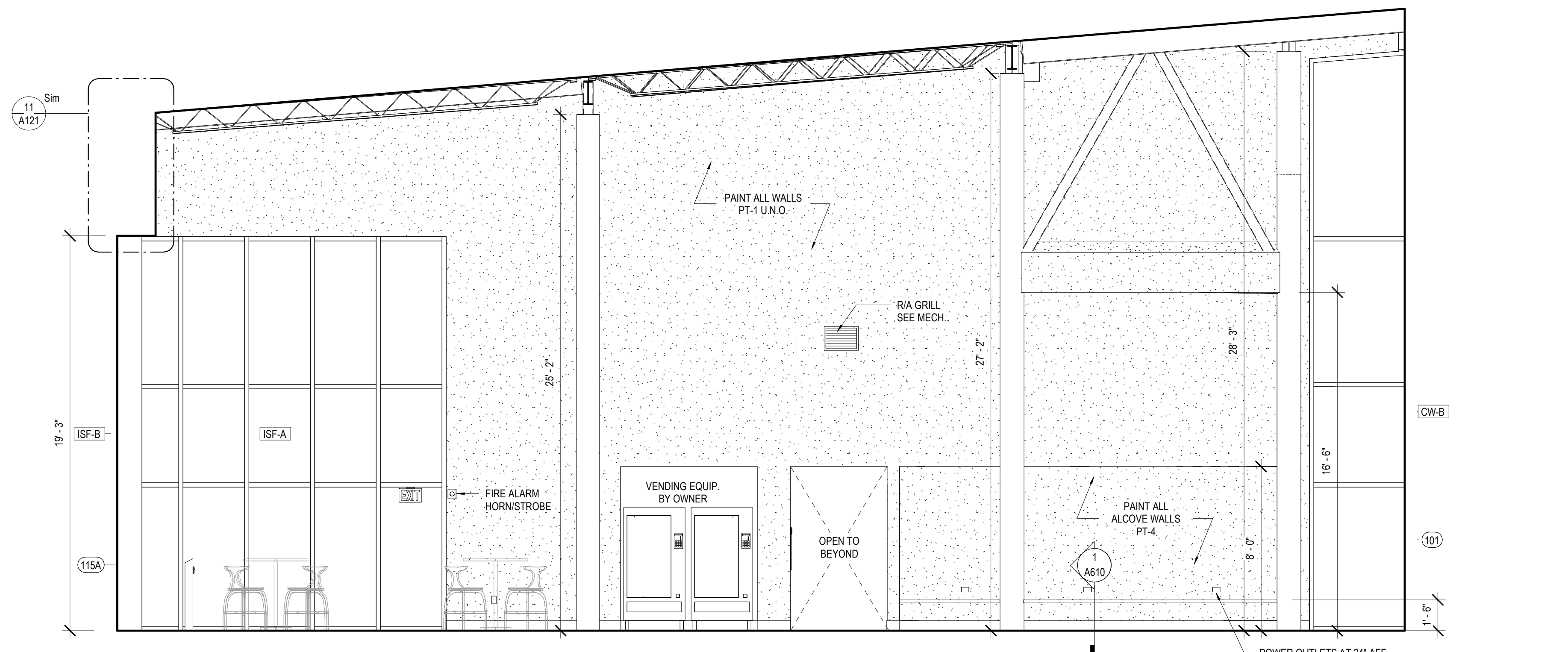
KEY PLAN

Mathes Brierre + **BM**
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Lafayette, Louisiana 70503
337.233.0614

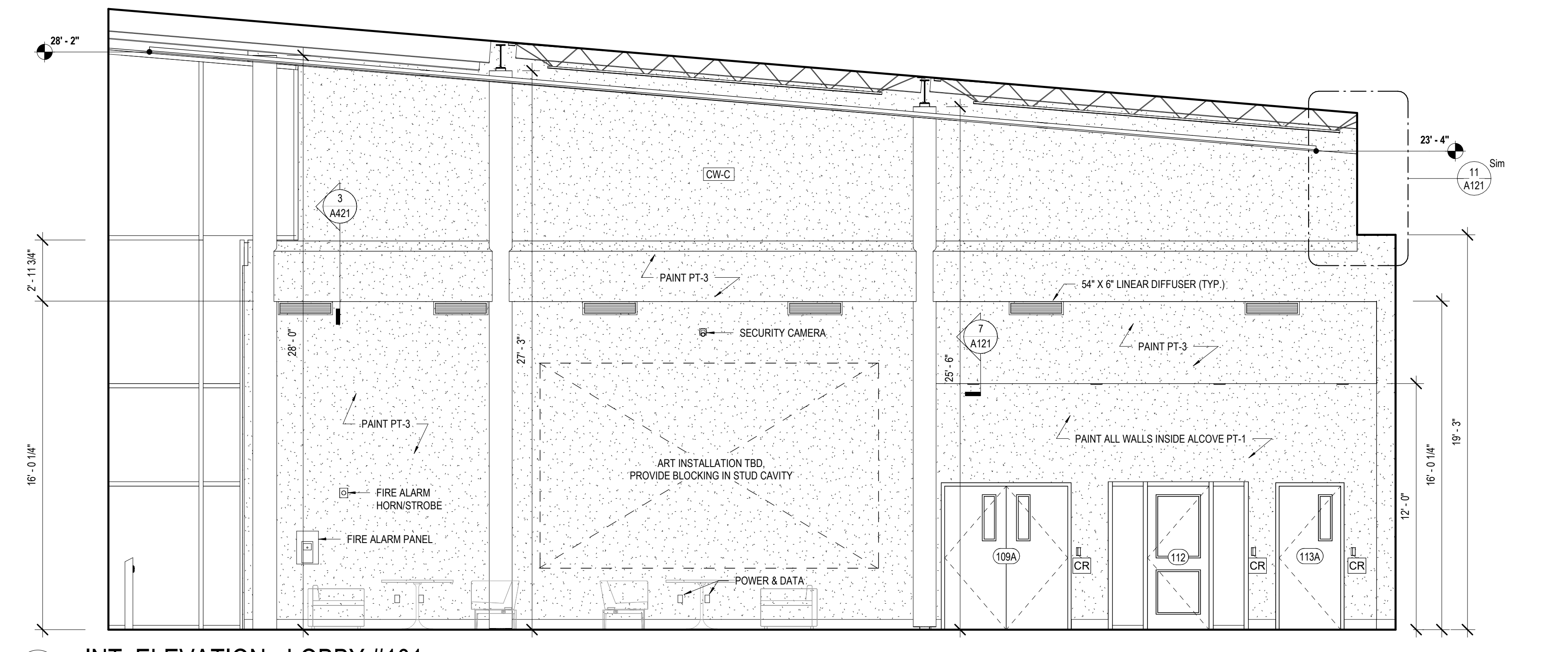
PROJECT TITLE
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DESIGNED BY MBA/ABM CHECKED BY RZ/PP
DRAWN BY CF/FA/RZ DATE 05.05.2023
SHEET TITLE INTERIOR ELEVATIONS
PROJECT NO. SHEET NO.
MBA - 11884 ABM - 201813 **A343**



3 INT. ELEVATION - GENERAL COLLECTION #133
A344

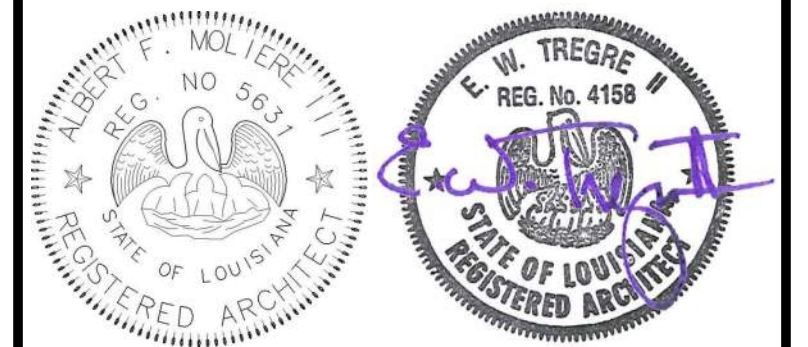


2 INT. ELEVATION - LOBBY #101
A344 1/4" = 1'-0"



1 INT. ELEVATION - LOBBY #101
A344 1/4" = 1'-0"

MATERIALS KEYING/ GENERAL NOTES



No.	Description	Date

KEY PLAN

Mathes Brierre + IBM
ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
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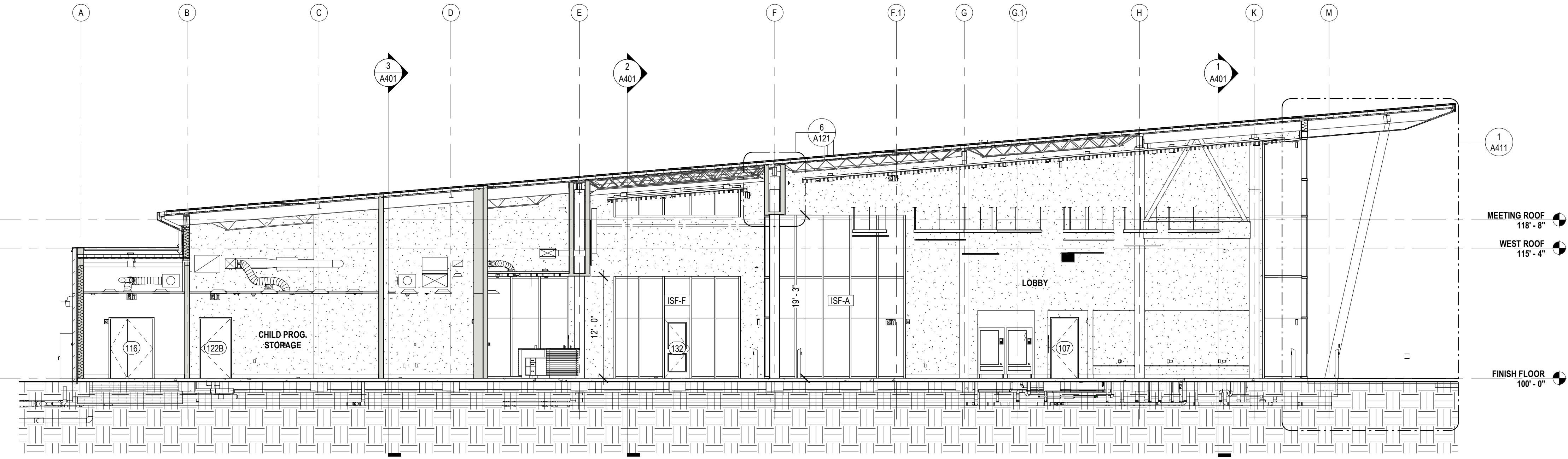
PROJECT TITLE

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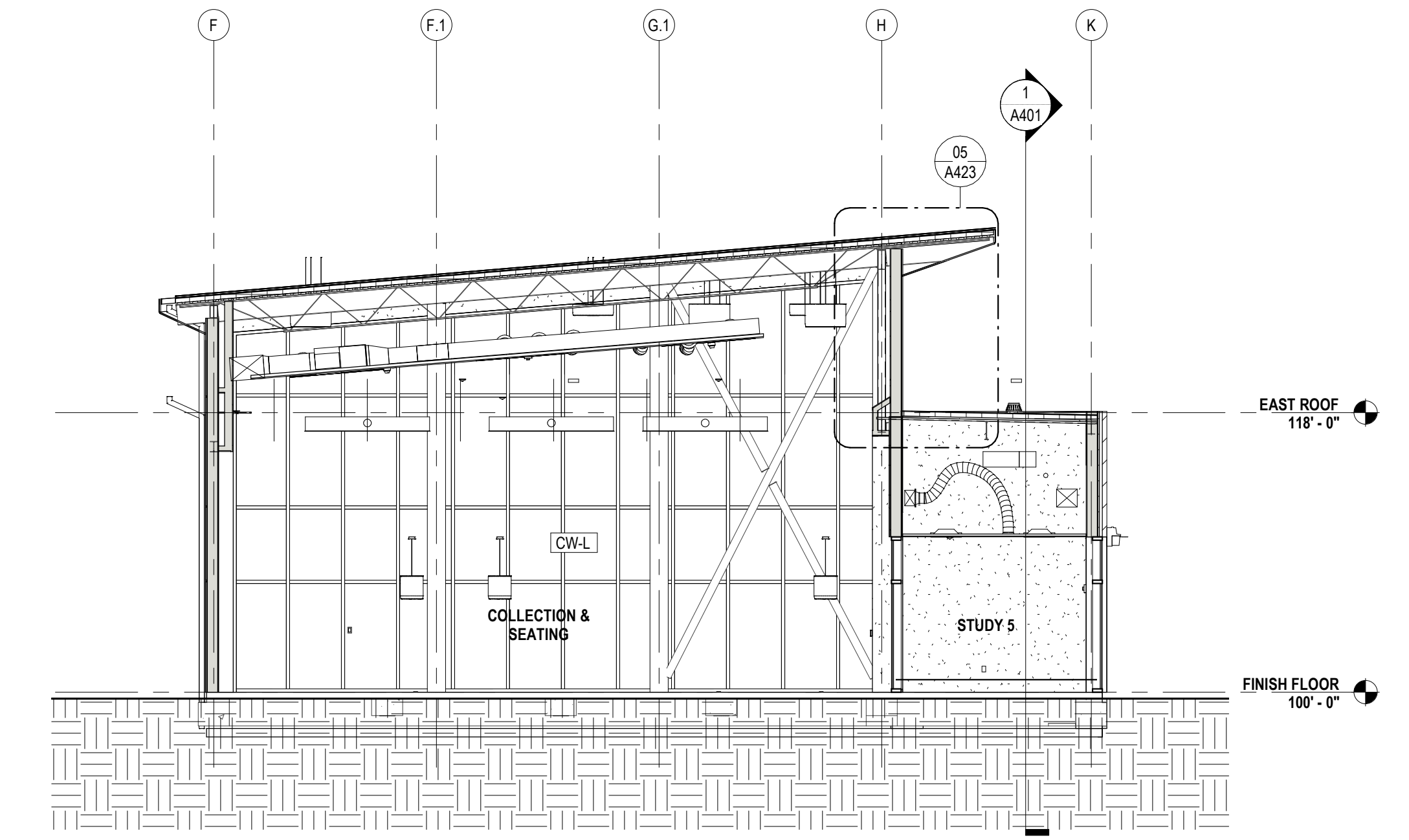
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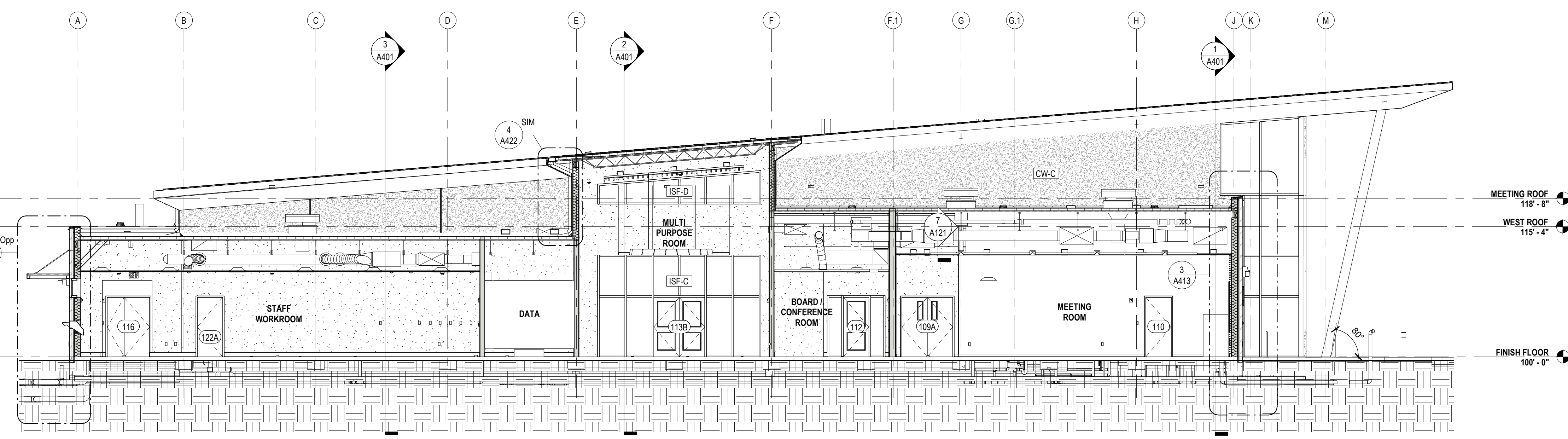
DESIGNED BY	MBA/ABM	CHECKED BY	RZ/PP
DRAWN BY	CF/FA/RZ	DATE	05.05.2023
SHEET TITLE			
INTERIOR ELEVATIONS			
PROJECT NO.	MBA - 11884	SHEET NO.	A344
ABM - 201813			



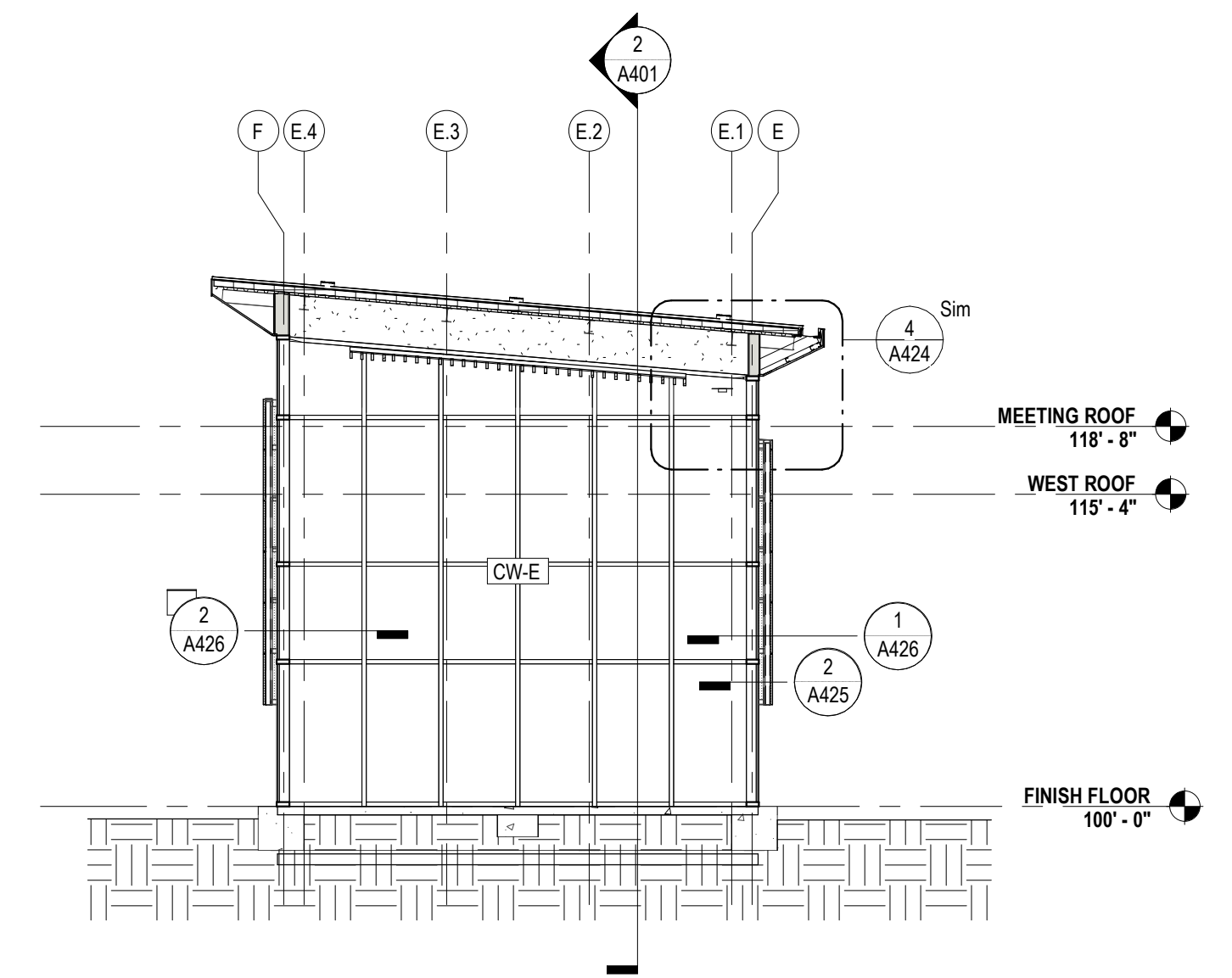
5 EW BLDG SECTION @ LOBBY N
A400 1/8" = 1'-0"



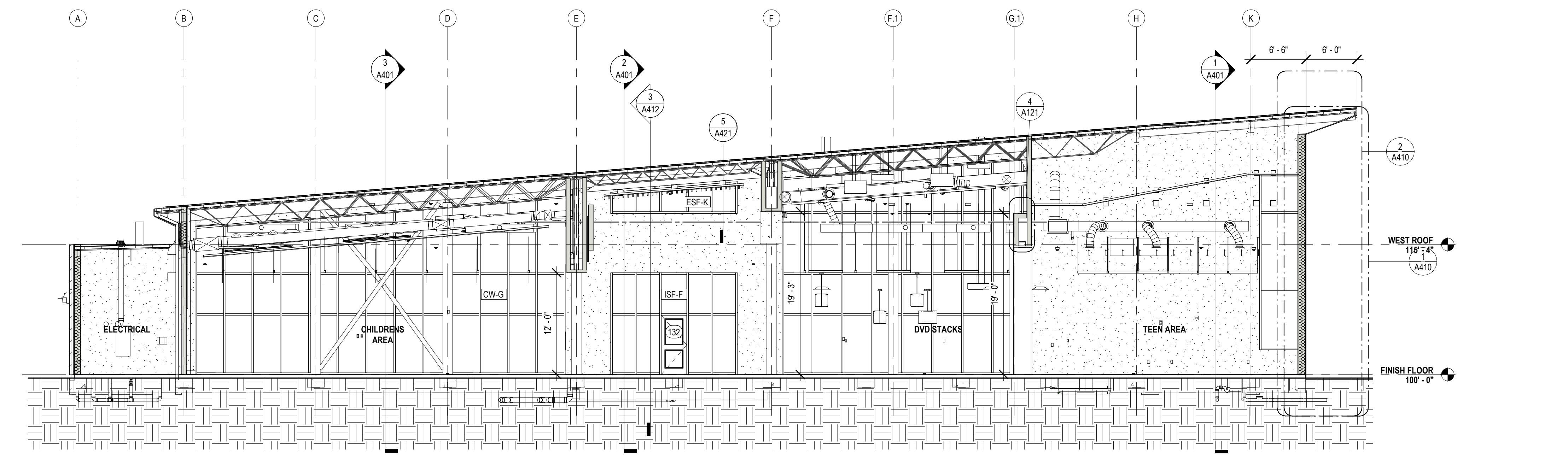
6 EW PARTIAL SECTION @ STUDY ROOMS
A400 1/8" = 1'-0"



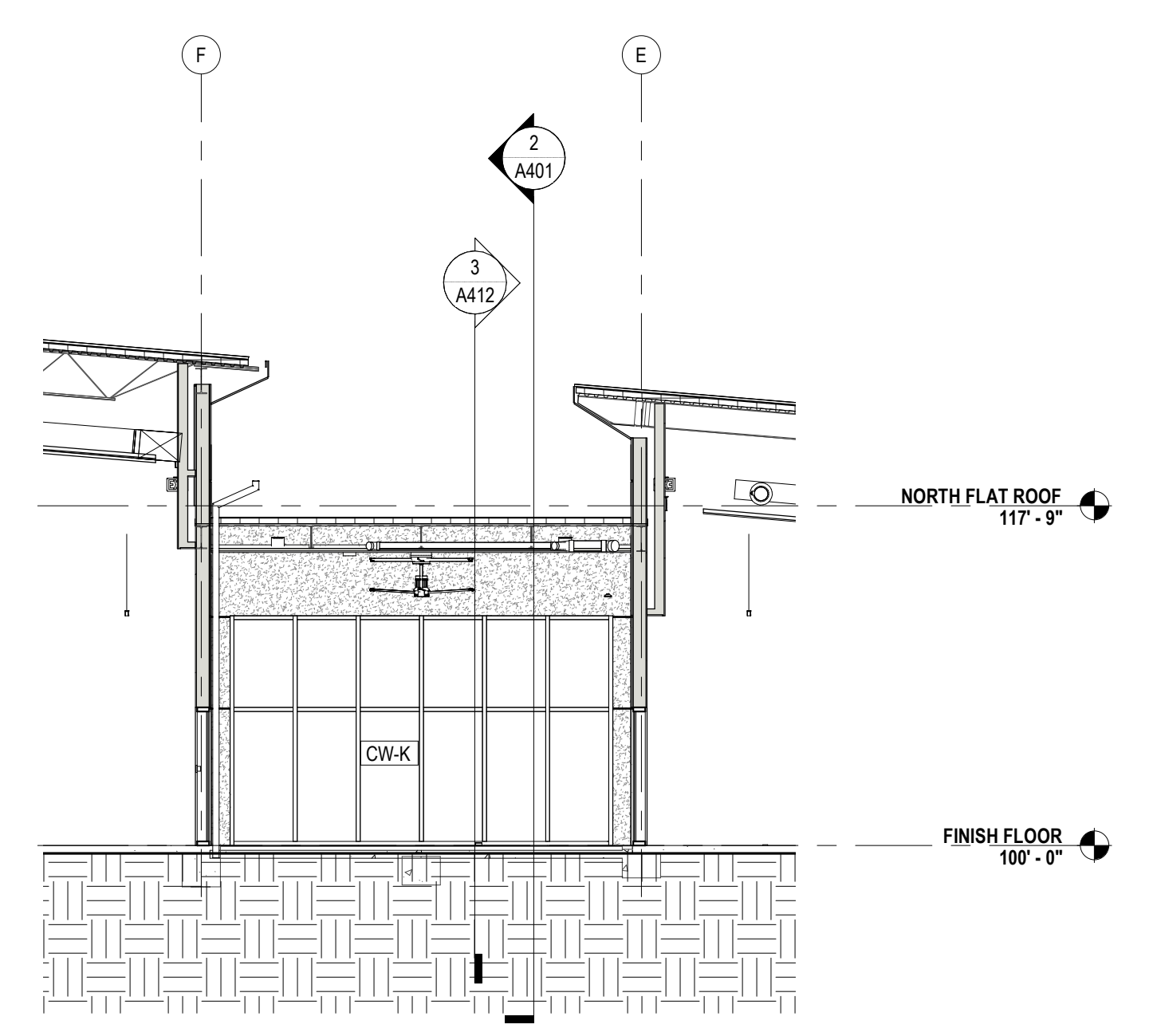
3 EW BLDG SECTION @ MEETING ROOM
A400 1/8" = 1'-0"



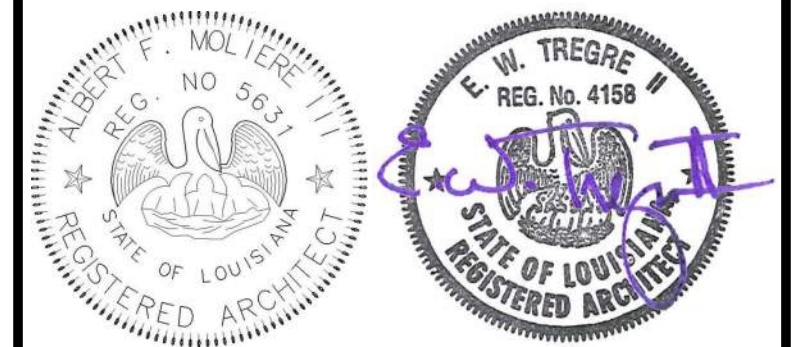
4 EW PARTIAL SECTION @ MULTIPURPOSE RM.
A400 1/8" = 1'-0"



1 EW BUILDING SECTION @ TEEN
A400 1/8" = 1'-0"



2 EW PARTIAL SECTION @ COVERED PORCH
A400 1/8" = 1'-0"



No.	Description	Date

KEY PLAN

Mathes Brierre + MBM
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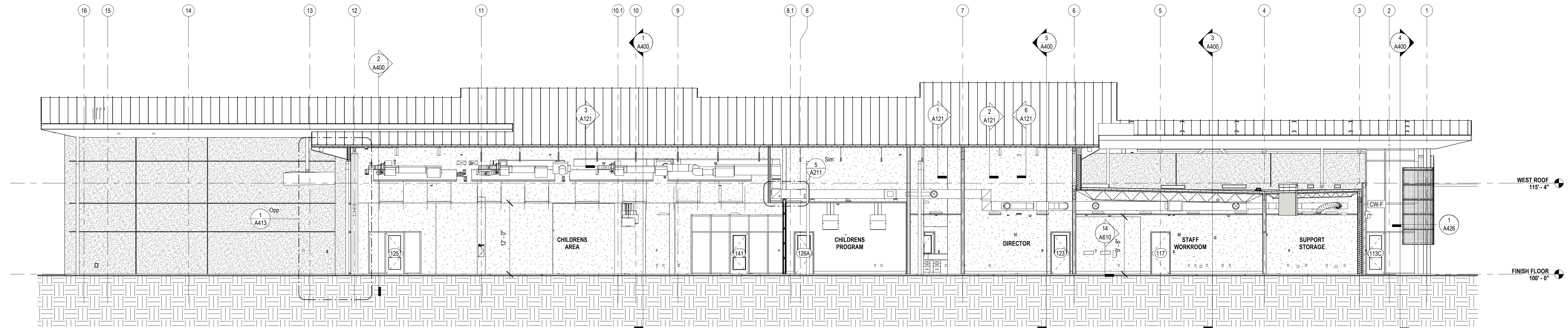
PROJECT TITLE

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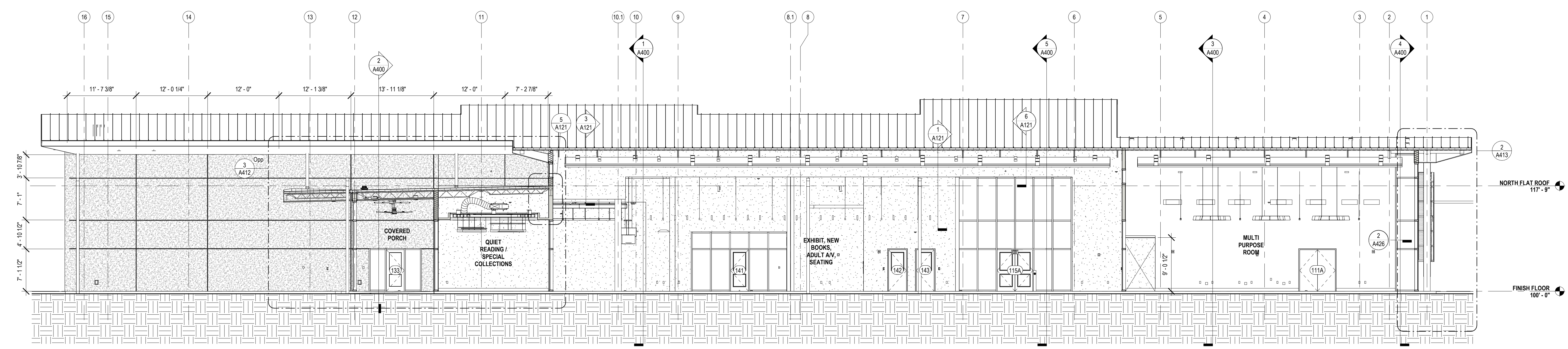
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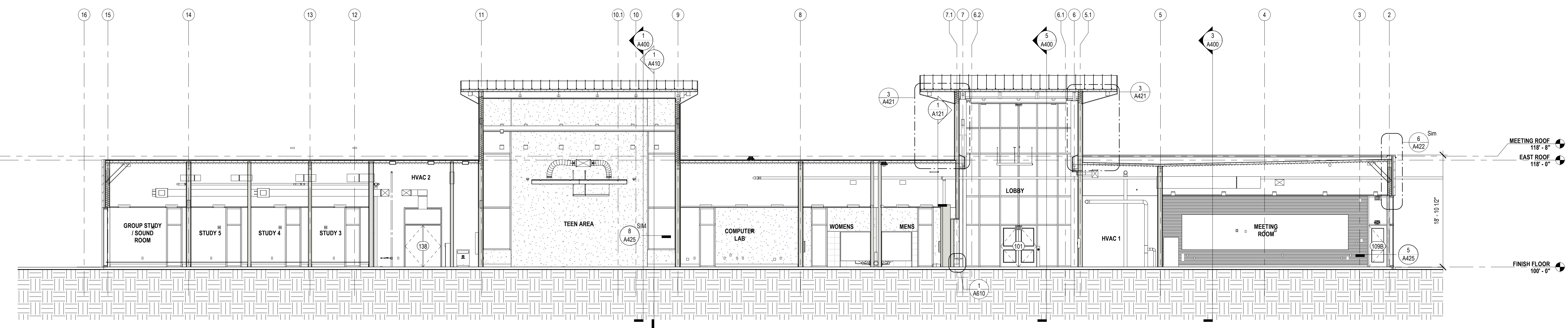
DESIGNED BY	MBA/ABM	CHECKED BY	AM/PP
DRAWN BY	MP/SC/ALB	DATE	05.05.2023
SHEET TITLE			
BUILDING SECTIONS			
PROJECT NO.	MBA - 11884	SHEET NO.	A400
ABM - 201813			



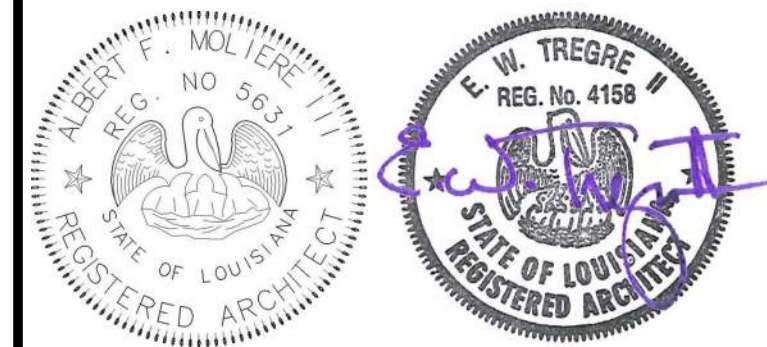
3 NS BLDG SECTION @ ADMIN
A401 1/8" = 1'-0"



2 NS BLDG SECTION @ SPINE E
A401 1/8" = 1'-0"



1 NS BLDG SECTION @ MEETING ROOM
A401 1/8" = 1'-0"



No.	Description	Date

KEY PLAN

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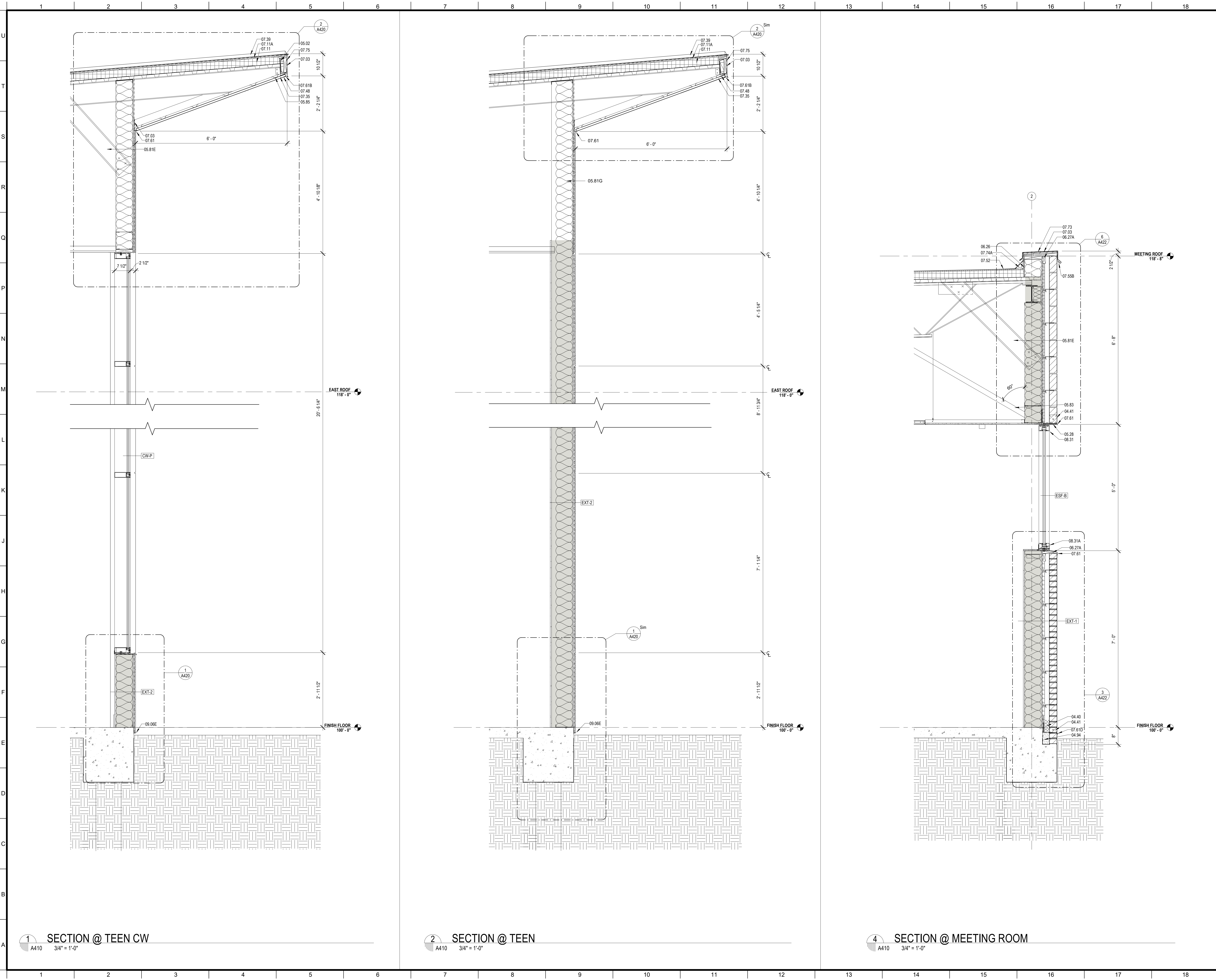
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DESIGNED BY	MBA/ABM	CHECKED BY	AM/PP
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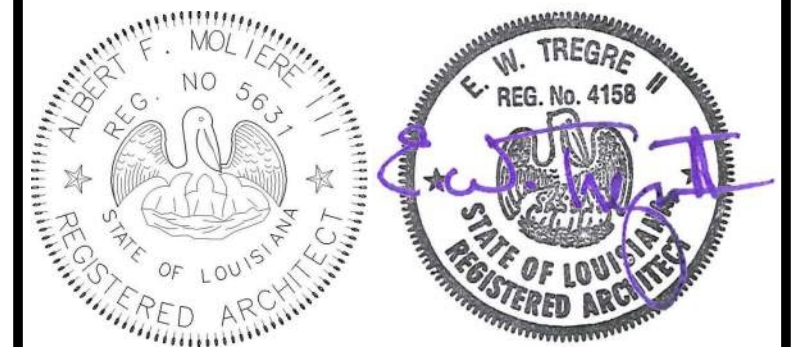
SHEET TITLE
BUILDING SECTIONS

PROJECT NO.	MBA - 11884	SHEET NO.	A401
	ABM - 201813		



MATERIALS KEYING/ GENERAL NOTES

Key Value	Keynote Text
04.40	MORTAR CONTROL
04.41	WEEP HOLE AT 32" ON CENTER
04.94	SOLID MORTAR FILL
05.02	STEEL EDGE BEAM - RE. STRUCTURAL (05 12 00)
05.29	STEEL ANGLE - RE. STRUCTURAL (05 12 00)
05.81E	8" STRUCTURAL STEEL STUDS AT 16" O.C.
05.81G	10" STRUCTURAL STEEL STUDS AT 16" O.C.
05.83	BRACE TO STRUCTURE AS REQUIRED
05.95	7/8" HAT CHANNEL
06.26	1 1/2" PL WOOD SHEATHING
06.27A	TREATED WOOD BLOCKING
07.03	MEMBRANE WATERPROOFING (07 27 26)
07.11	RIGID ROOF INSULATION (3 1/2" THK) (07 51 00)
07.11A	COVERBOARD (1/2" THK) (07 51 00)
07.35	PREFORMED METAL SOFFIT PANELS (07 41 00)
07.39	STANDING SEAM METAL ROOF (07 41 00)
07.48	J CLOSURE
07.52	MODIFIED BITUMEN ROOF (07 51 00)
07.56B	ANCHOR BAR ATTACH AT 8" O.C. CONTINUOUS (07 51 00)
07.61	METAL FLASHING
07.61B	CONTINUOUS 26 GA. GALVANIZED METAL CLEAT (07 60 00)
07.61D	METAL COUNTER FLASHING
07.73	METAL COPING (07 60 00)
07.74A	CANT (TREATED WOOD) (07 60 00)
07.75	METAL FASCIA - PTD. (07 60 00)
08.31	ALUMINUM SILL (08 40 00)
08.31A	ALUMINUM SILL (08 40 00)
09.06E	STUCCO SYSTEM DRIP SCREED (09 22 00)



No.	Description	Date

KEY PLAN

Mathes Brierre + MBM
 ARCHITECTS + ARCHITECTS BEAZLEY MOLIÈRE
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 Lafayette, Louisiana 70503
 337.233.0614

PROJECT TITLE

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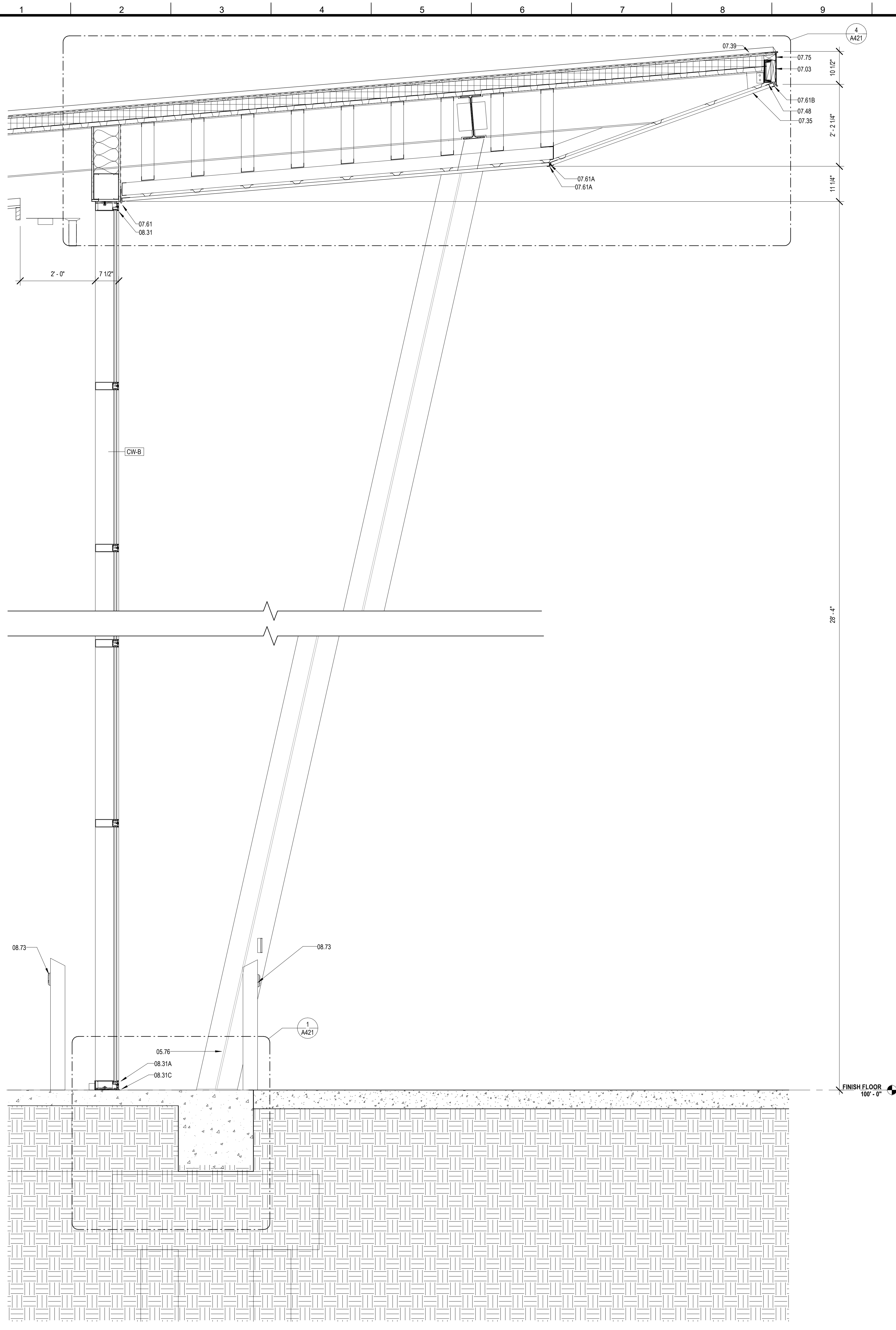
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DESIGNED BY	MBA/ABM	CHECKED BY	ALB
DRAWN BY	MP/SC/ALB	DATE	05.05.2023

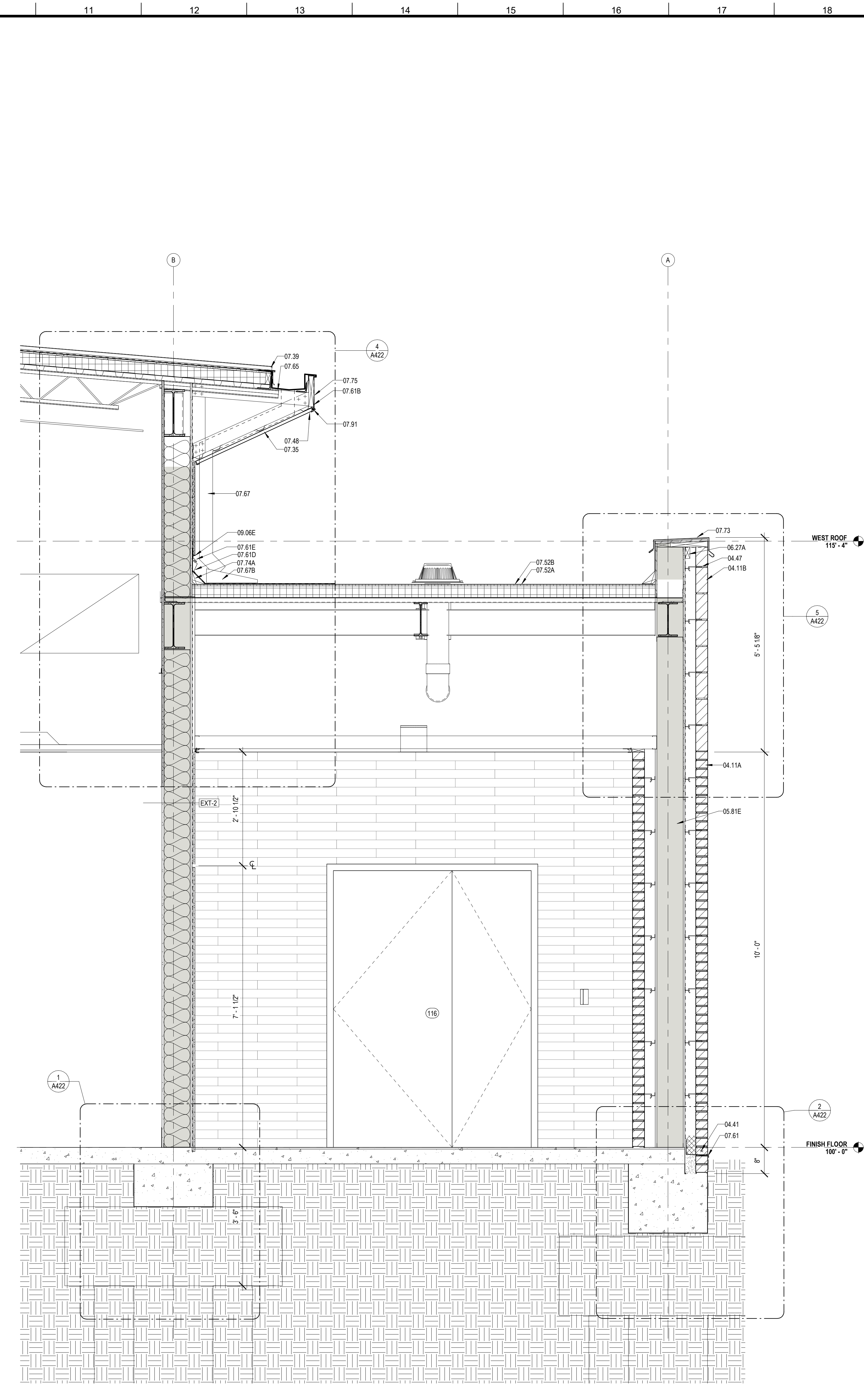
SHEET TITLE

WALL SECTIONS

PROJECT NO.	MBA - 11884	SHEET NO.	A410
ABM - 201813			



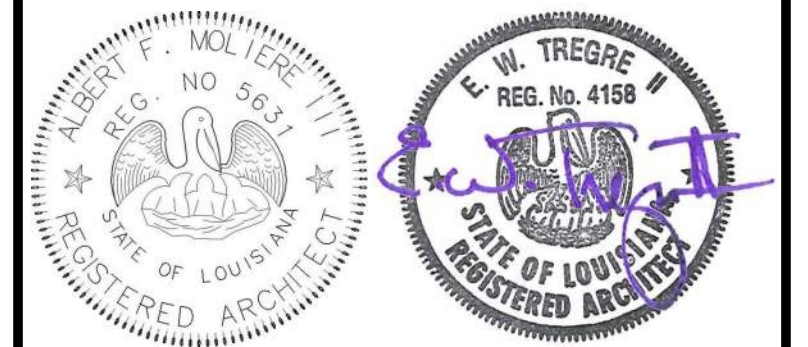
1 SECTION @ LOBBY
A411 3/4" = 1'-0"



2 SECTION @ STAFF ENTRANCE
A411 3/4" = 1'-0"

MATERIALS KEYING/ GENERAL NOTES

Key Value	Keynote Text
04.11A	FACE BRICK - RUNNING BOND (04 20 00)
04.11B	FACE BRICK - SOLDIER COURSES (04 20 00)
04.41	WEEP HOLE AT 32" ON CENTER
04.47	MASONRY ANCHORS (04 20 00)
05.75	ALUMINUM COLUMN COVERS (18" TRK)
05.81E	8" STRUCTURAL STEEL STUDS AT 16" O.C.
06.27A	TREATED WOOD BLOCKING
07.03	MEMBRANE WATERPROOFING (07 27 26)
07.35	PREFORMED METAL SOFFIT PANELS (07 41 00)
07.39	STANDING SEAM METAL ROOF (07 41 00)
07.48	J CLOSURE
07.52A	BASE PLY (07 51 00)
07.52B	MODIFIED BITUMEN MEMBRANE (07 51 00)
07.61	METAL FLASHING
07.61A	PRE-FINISHED METAL FLASHING
07.61B	CONTINUOUS 26 GA. GALVANIZED METAL CLEAT (07 60 00)
07.61D	METAL COUNTER FLASHING
07.61E	METAL FLASHING RECEIVER
07.65	METAL GUTTER (07 60 00)
07.67	METAL DOWNSPOUT (07 60 00)
07.67B	GALVANIZED SHEET METAL SPLASH PAN (07 60 00)
07.73	METAL COPING (07 60 00)
07.74A	CANT (TREATED WOOD) (07 60 00)
07.75	METAL FASCIA - PTD. (07 60 00)
07.91	BACKER ROD & SEALANT
08.31	ALUMINUM FRAME (08 40 00)
08.31A	ALUMINUM SILL (08 40 00)
08.31C	ALUMINUM SILL FLASHING - DAM AT ENDS (08 40 00)
08.73	ACCESSIBLE DOOR OPERATOR CONTROLS
09.06E	STUCCO SYSTEM DRIP SCREED (09 22 00)



No.	Description	Date

KEY PLAN

Mathes Brierre + MBM
ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
New Orleans, Louisiana 70170-4100
Voice: 504-586-9303 Fax: 504-582-1305

300 Heymann Blvd.
Lafayette, Louisiana 70503
337.233.0614

PROJECT TITLE

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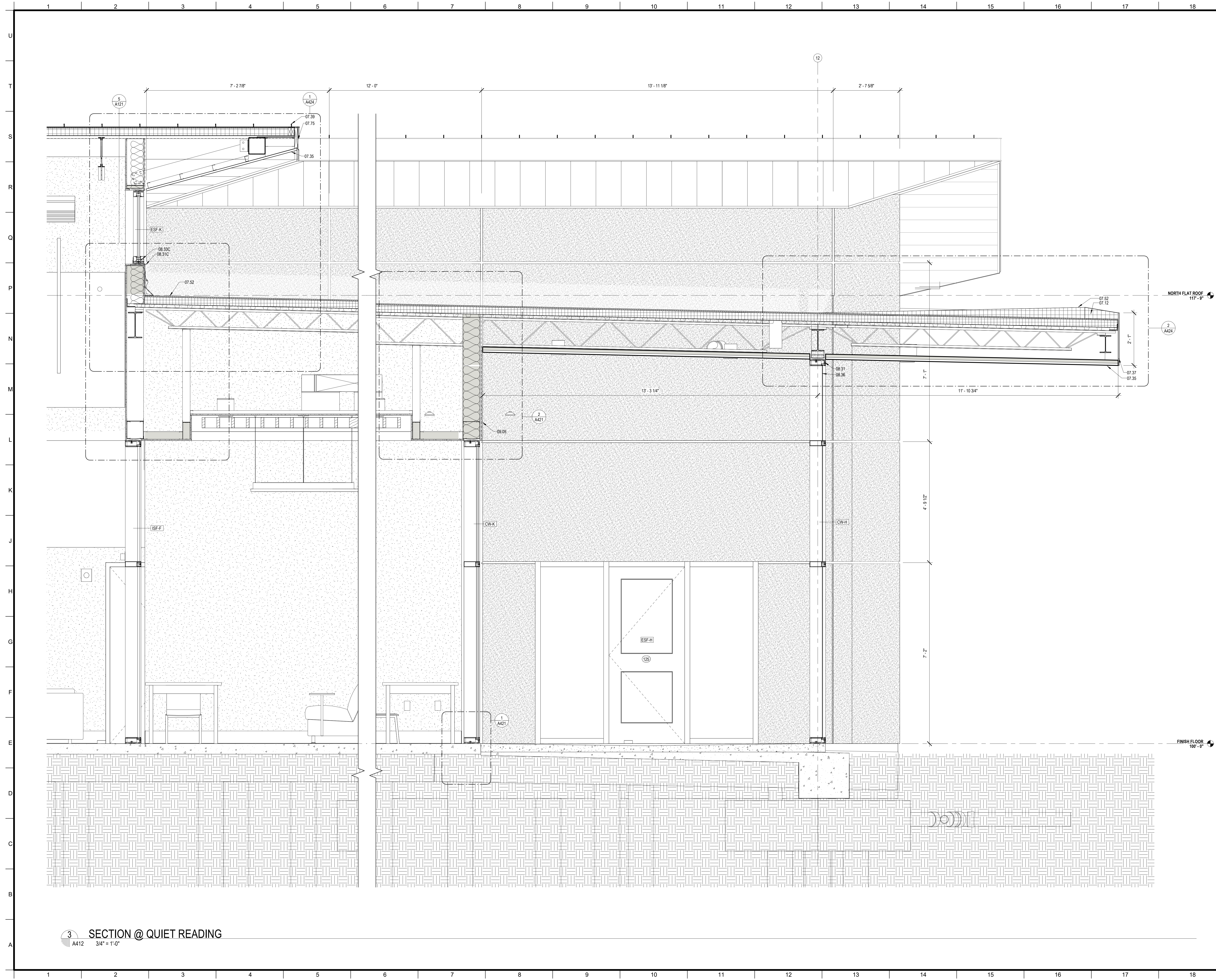
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DESIGNED BY	MBA/ABM	CHECKED BY	AM/PP
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SHEET TITLE

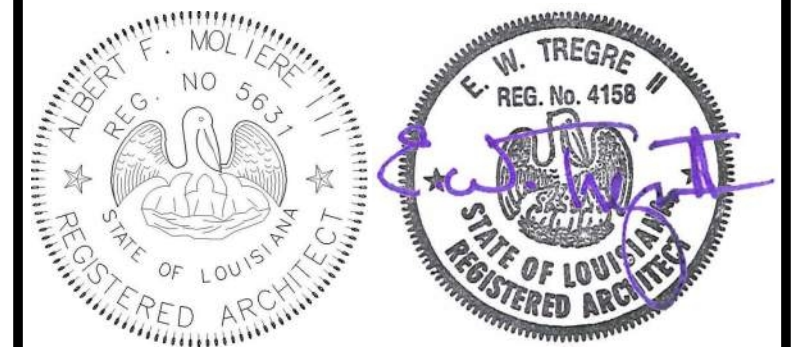
WALL SECTIONS

PROJECT NO.	MBA - 11884	SHEET NO.	A411
	ABM - 201813		



MATERIALS KEYING/ GENERAL NOTES

Keystone Legend	
Key Value	Keystone Text
07.12	TAPERED ROOF INSULATION (07 51 00)
07.35	PREFORMED METAL SOFFIT PANELS (07 41 00)
07.37	PREFORMED METAL SIDING PANELS (07 41 00)
07.39	STANDING SEAM METAL ROOF (07 41 00)
07.52	MODIFIED BITUMEN ROOF (07 51 00)
07.75	METAL FASCIA - PTD. (07 60 00)
08.31	ALUMINUM FRAME (08 40 00)
08.31C	ALUMINUM SILL FLASHING - DAM AT ENDS (08 40 00)
08.33C	ALUMINUM WINDOW SILL (08 52 00)
08.36	INSECT SCREEN INFILL PANEL
09.05	STUCCO ON METAL LATH (09 22 00)



No.	Description	Date

KEY PLAN

Mathes Brierre + /BM
 ARCHITECTS + ARCHITECTS BEAZLEY MOLIÈRE
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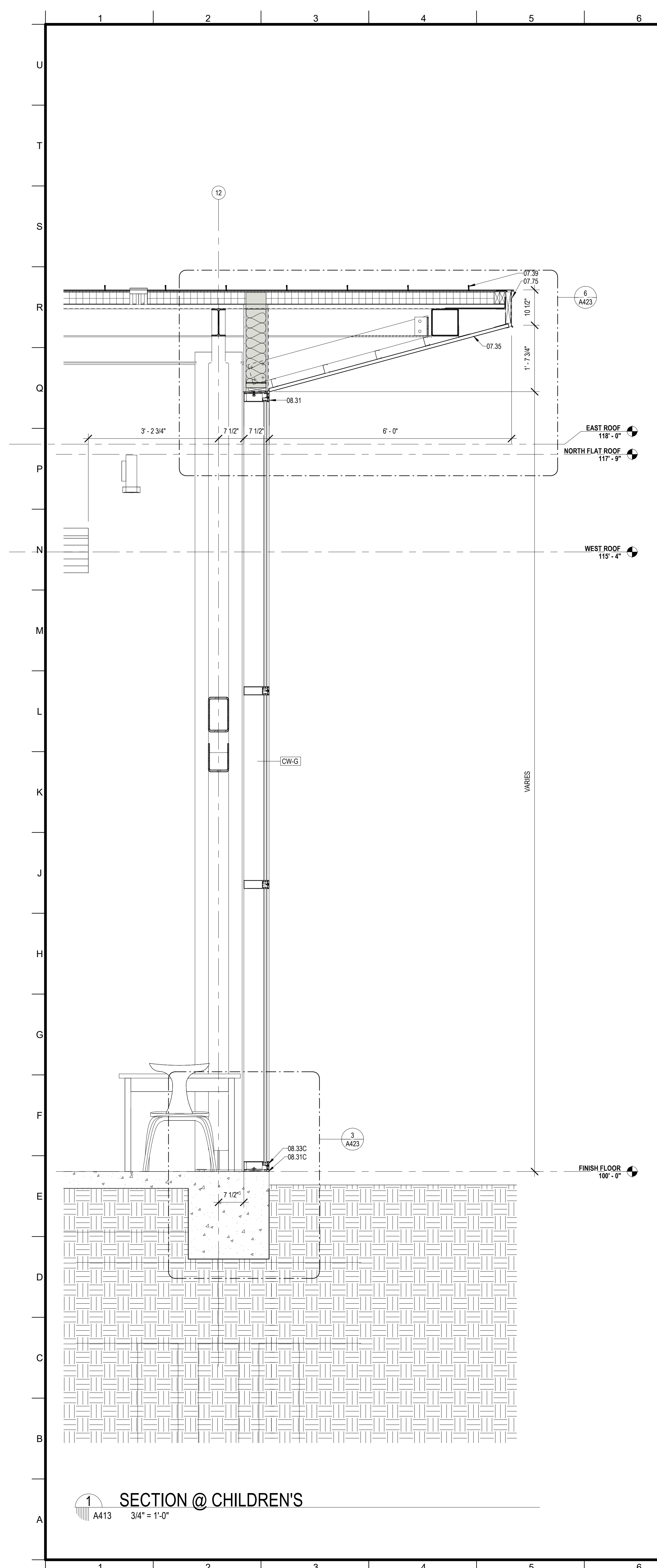
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DRAWN BY	MP/SC/ALB	DATE	05.05.2023

SHEET TITLE

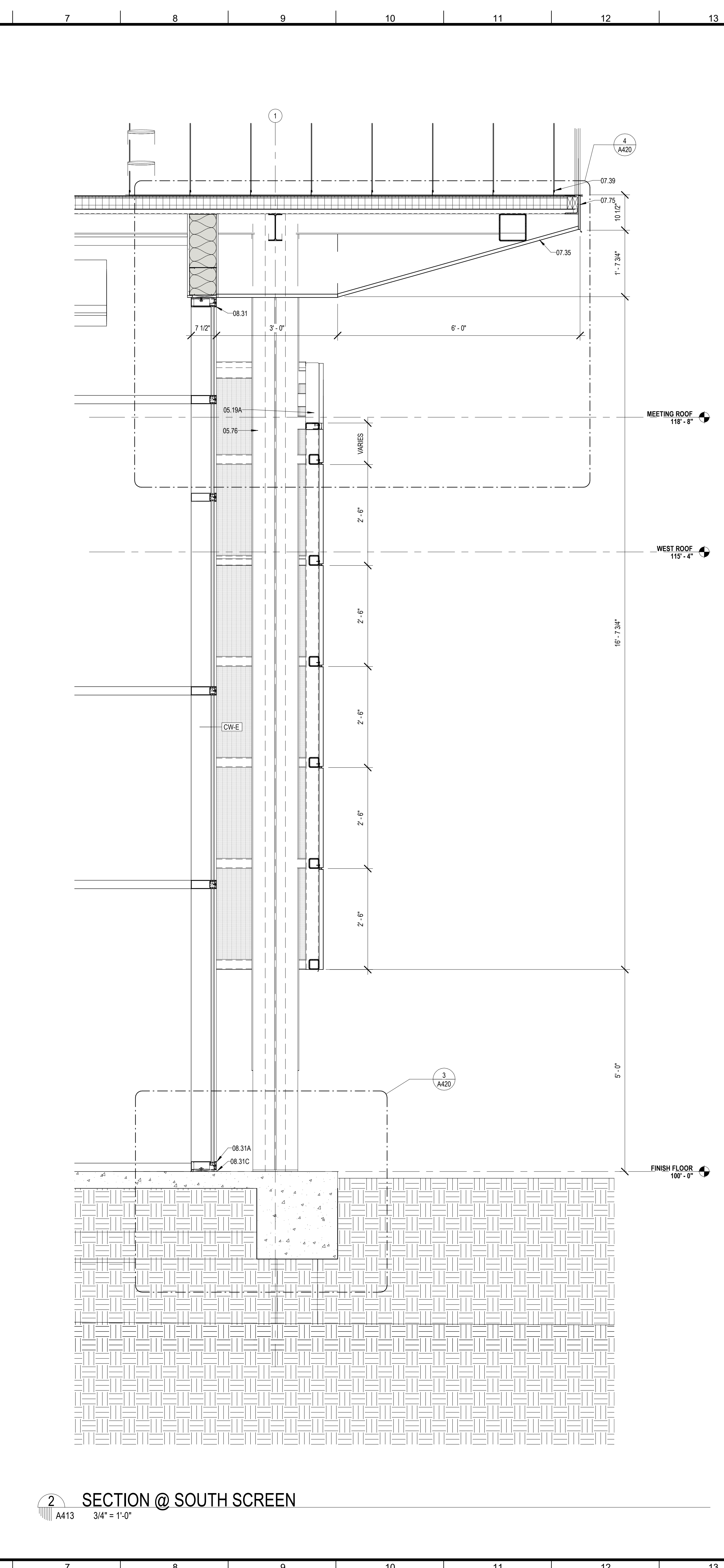
WALL SECTIONS

PROJECT NO.	MBA - 11884	SHEET NO.	A412
ABM - 201813			

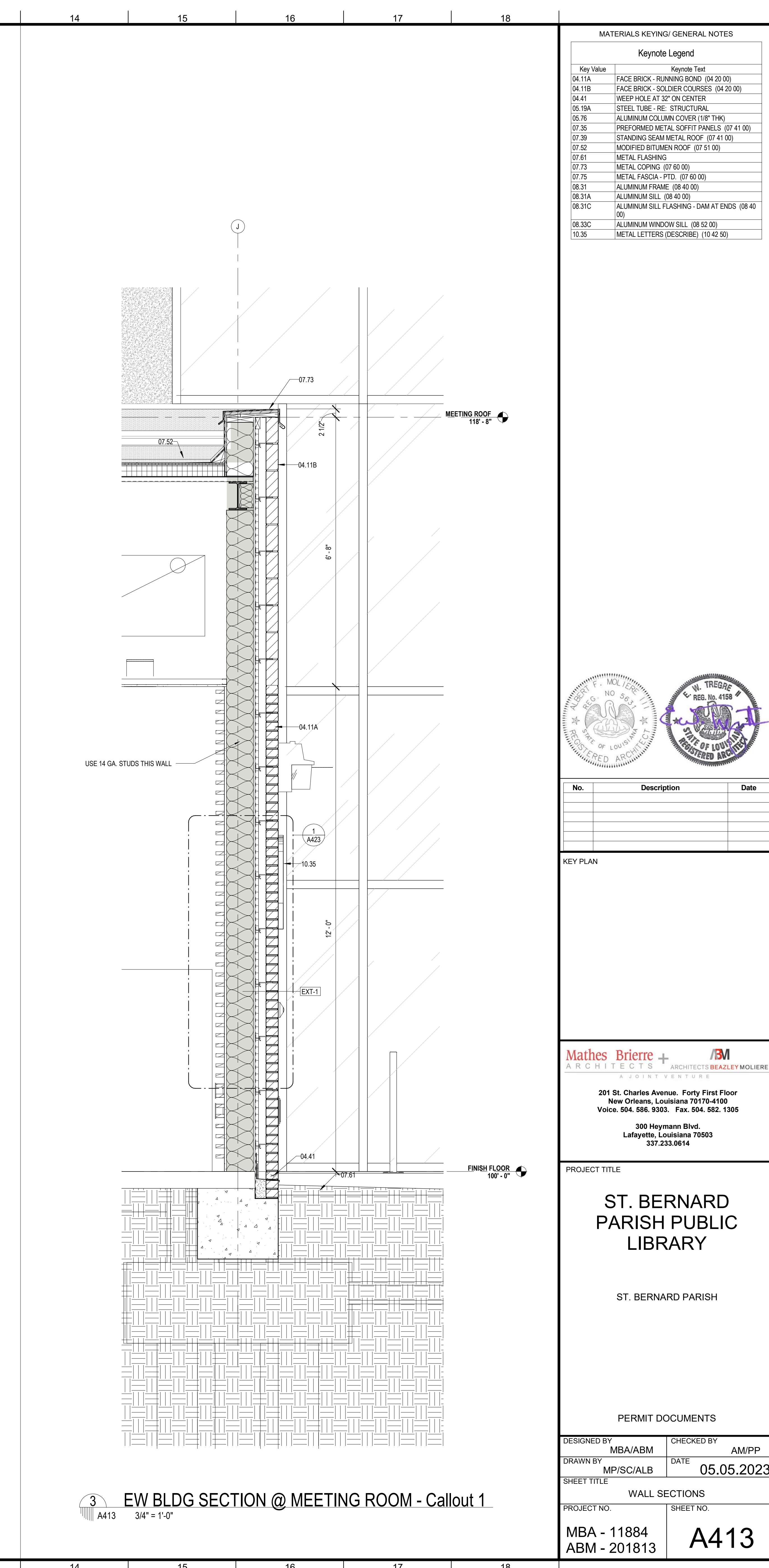
3 SECTION @ QUIET READING
 A412 3/4" = 1'-0"



1 SECTION @ CHILDREN'S
A413 3/4" = 1'-0"



2 SECTION @ SOUTH SCREEN
A413 3/4" = 1'-0"



3 EW BLDG SECTION @ MEETING ROOM - Callout 1
A413 3/4" = 1'-0"

MATERIALS KEYING/ GENERAL NOTES

Key Value	Keynote Text
04.11A	FACE BRICK - RUNNING BOND (04 20 00)
04.11B	FACE BRICK - SOLDIER COURSES (04 20 00)
04.41	WEEP HOLE AT 32" ON CENTER
05.19A	STEEL TUBE - RE- STRUCTURAL
05.75	ALUMINUM COLUMN COVER (18" THK)
07.35	PREFORMED METAL SOFFIT PANELS (07 41 00)
07.39	STANDING SEAM METAL ROOF (07 41 00)
07.52	MODIFIED BITUMEN ROOF (07 51 00)
07.51	METAL FLASHING
07.73	METAL COPING (07 60 00)
07.75	METAL FASCIA - PTD. (07 60 00)
08.31	ALUMINUM FRAME (08 40 00)
08.31A	ALUMINUM SILL (08 40 00)
08.31C	ALUMINUM SILL FLASHING - DAM AT ENDS (08 40 00)
08.33C	ALUMINUM WINDOW SILL (08 52 00)
10.35	METAL LETTERS (DESCRIBE) (10 42 50)



No.	Description	Date

KEY PLAN

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PROJECT TITLE

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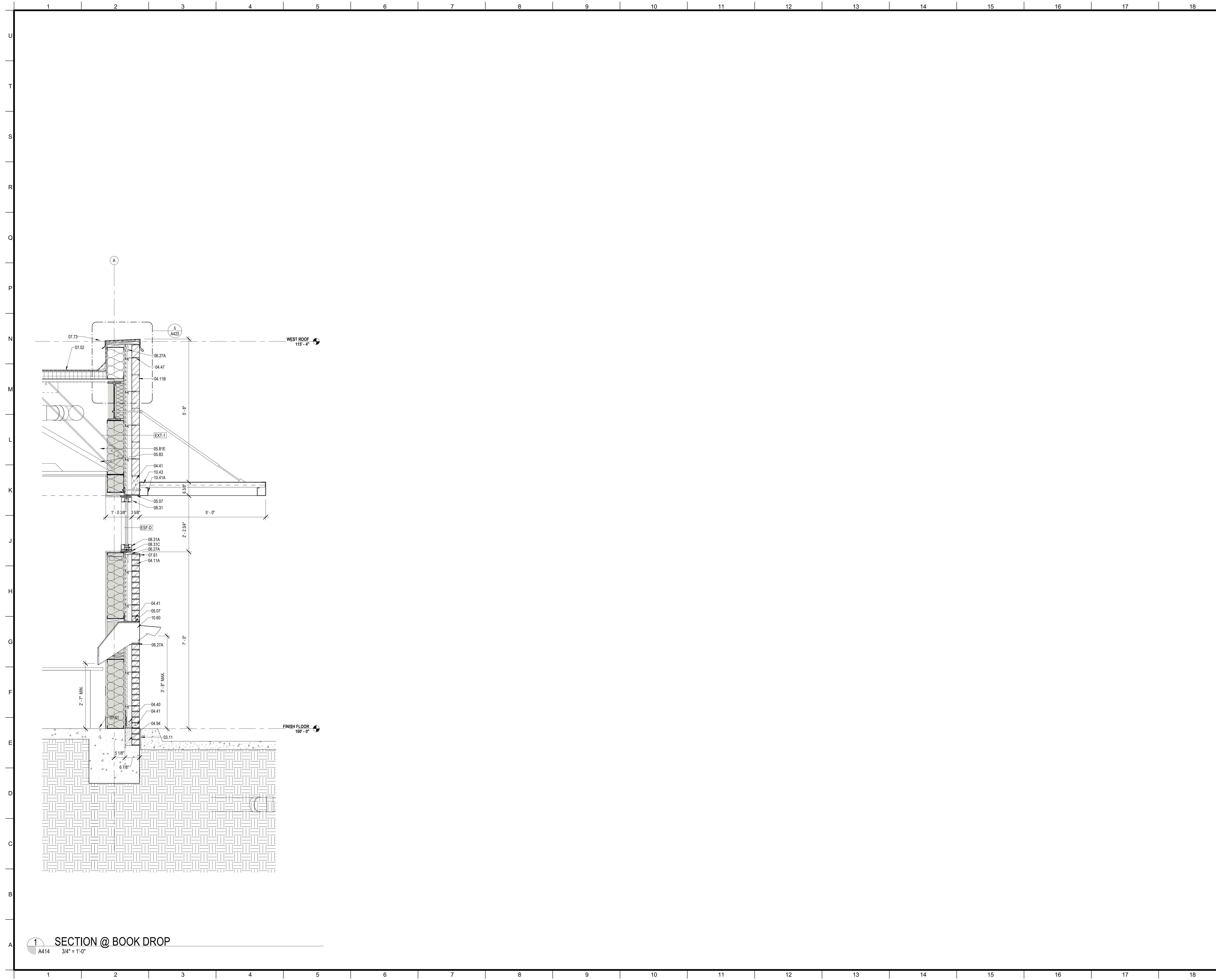
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SHEET TITLE

WALL SECTIONS

PROJECT NO.	MBA - 11884	SHEET NO.	A413
	ABM - 201813		



MATERIALS KEYING/ GENERAL NOTES

Keynote Legend	
Key Value	Keynote Text
03.11	EXPANSION JOINT - RE (03 30 00)
04.11A	FACE BRICK - RUNNING BOND (04 20 00)
04.11B	FACE BRICK - SOLDIER COURSES (04 20 00)
04.40	MORTAR CONTROL
04.41	WEEP HOLE AT 32" ON CENTER
04.47	MASONRY ANCHORS (04 20 00)
04.94	SOLID MORTAR FILL
05.07	STEEL LINTEL - RE - STRUCTURAL (05 12 00)
05.81E	8" STRUCTURAL STEEL STUDS AT 16" O.C.
05.83	BRACE TO STRUCTURE AS REQUIRED
06.27A	TREATED WOOD BLOCKING
07.52	MODIFIED BITUMEN ROOF (07 51 00)
07.61	METAL FLASHING
07.73	METAL COPING (07 60 00)
08.31	ALUMINUM FRAME (08 40 00)
08.31A	ALUMINUM SILL (08 40 00)
08.31C	ALUMINUM SILL FLASHING - DAM AT ENDS (08 40 00)
10.41A	ALUMINUM GUTTER AND FASCIA (10 53 00)
10.43	CANOPY (10 52 00)
10.60	PREFABRICATED BOOK DROP



No.	Description	Date

KEY PLAN

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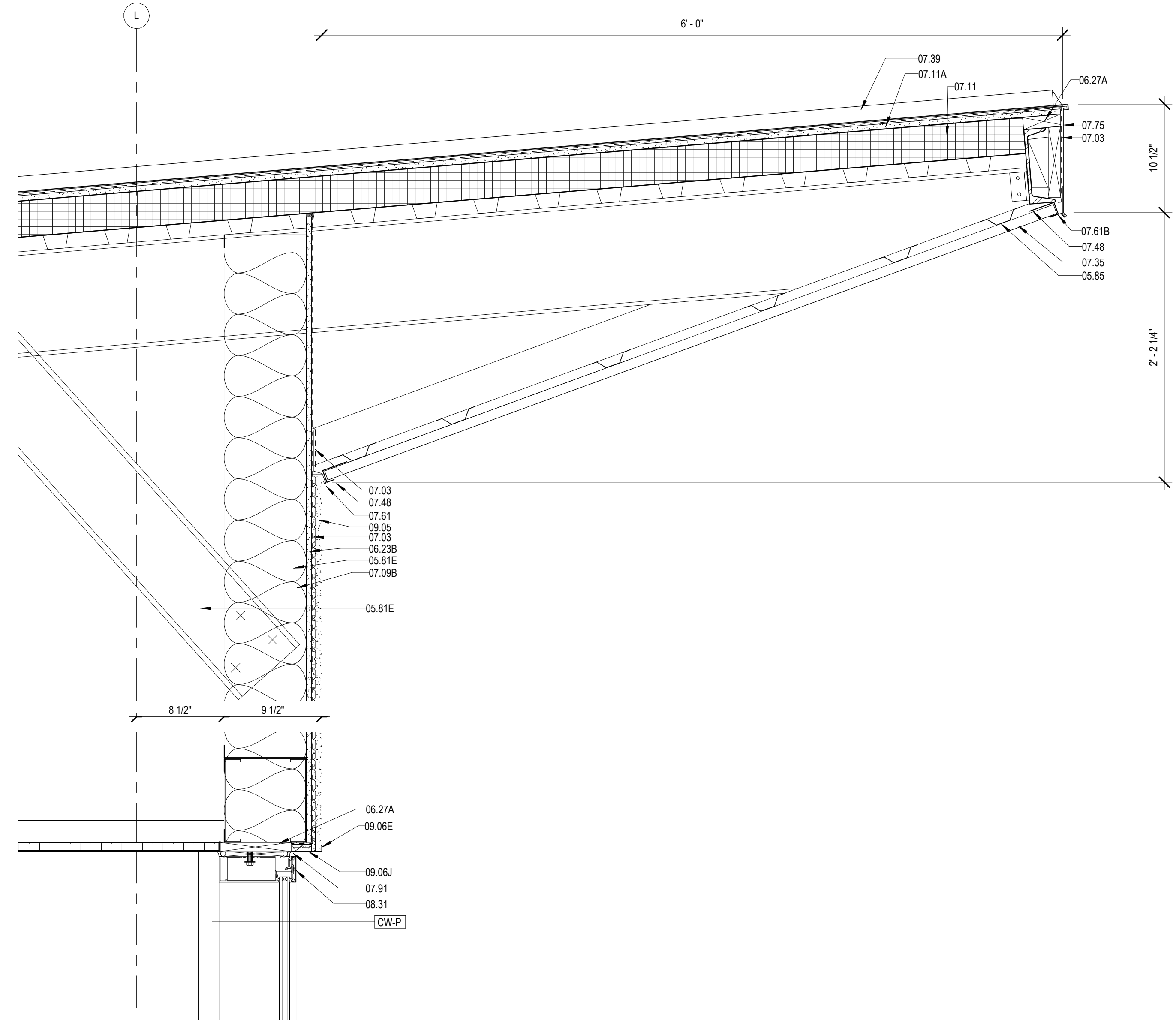
PROJECT TITLE

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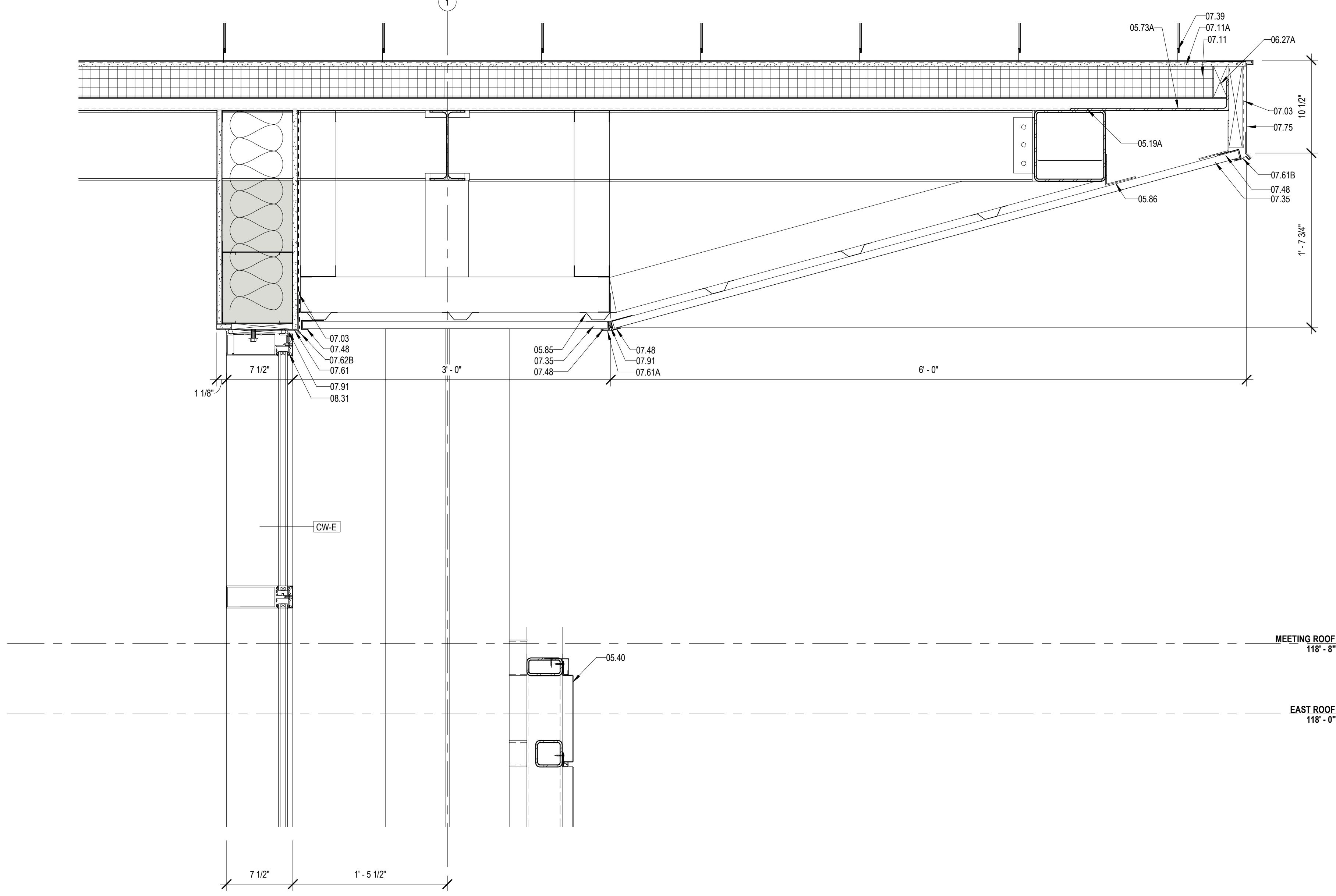
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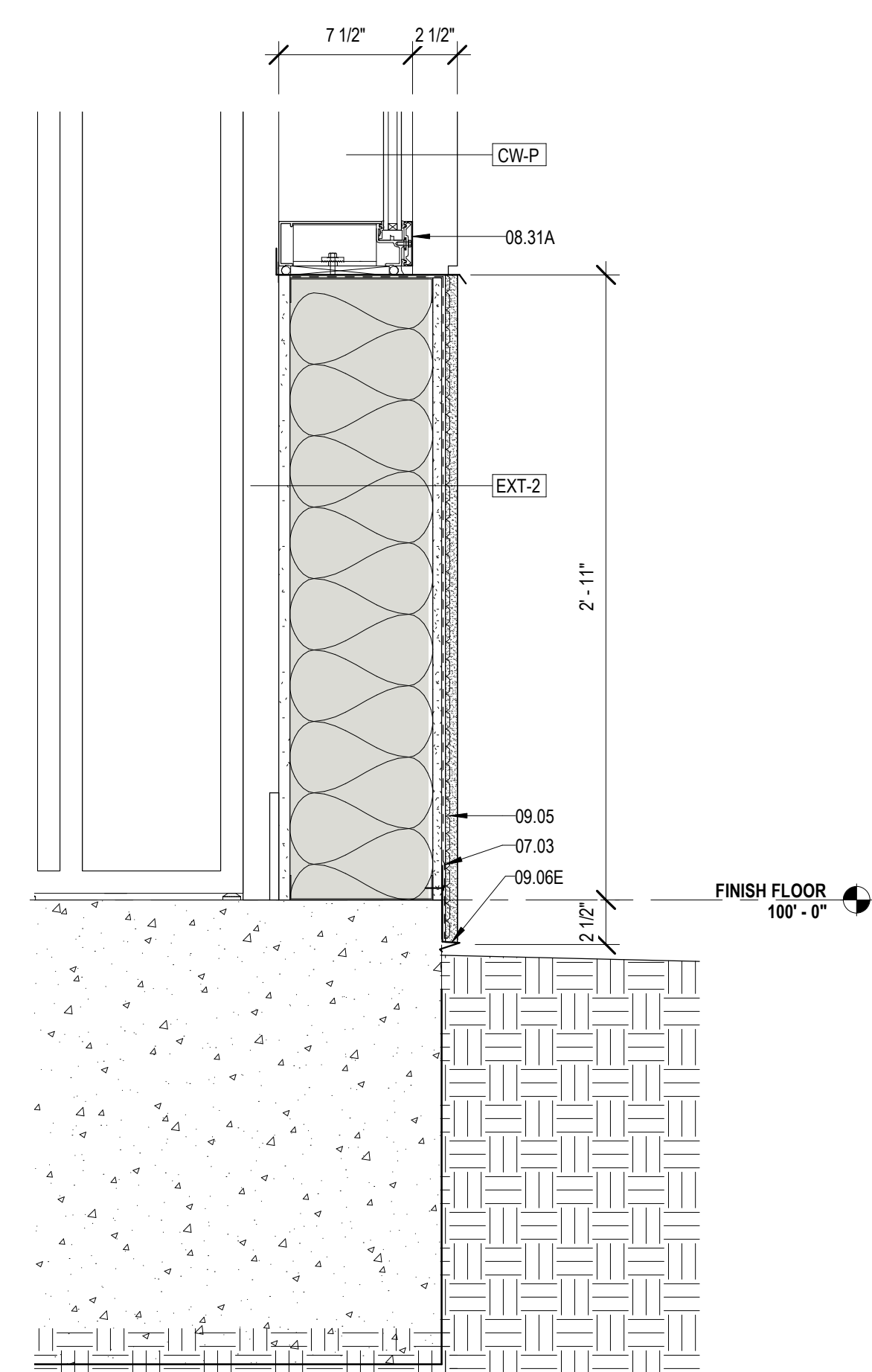
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DRAWN BY	MP/SC/ALB	DATE	05.05.2023
SHEET TITLE			
WALL SECTIONS			
PROJECT NO.	MBA - 11884	SHEET NO.	A414
	ABM - 201813		



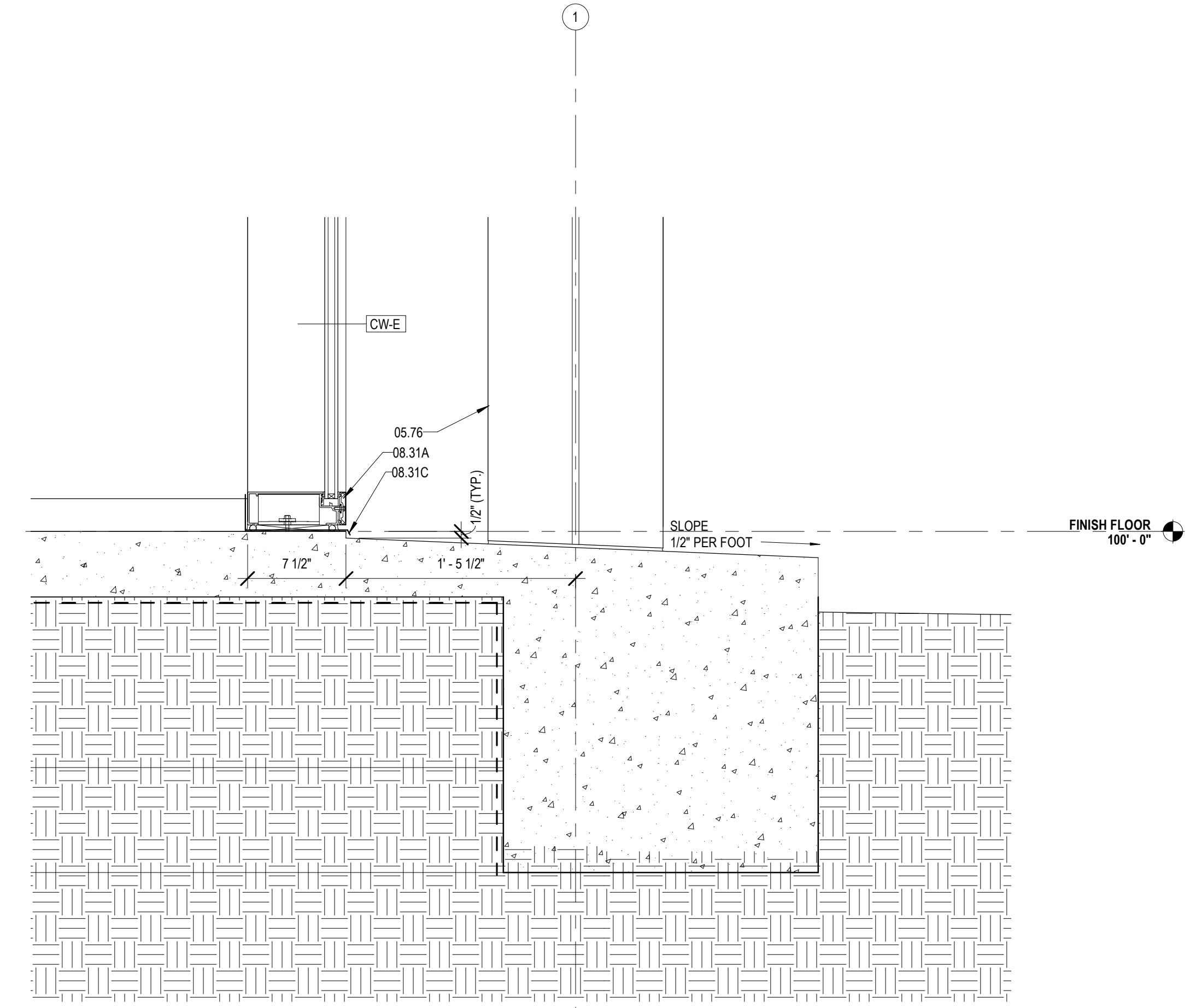
2 SOFFIT DETAIL
A420 1 1/2" = 1'-0"



4 DETAIL @ SOUTH CW & SCREEN
A420 1 1/2" = 1'-0"



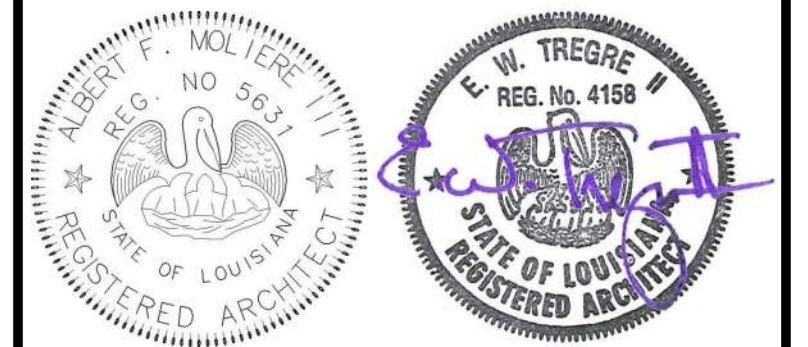
1 TYPICAL DETAIL @ STUCCO WALL
A420 1 1/2" = 1'-0"



3 DETAIL @ SOUTH CW
A420 1 1/2" = 1'-0"

MATERIALS KEYING/ GENERAL NOTES

Key Value	Keynote Text
05.19A	STEEL TUBE - RE: STRUCTURAL
05.40	PERFORATED STEEL SCREEN (05 70 00)
05.73A	STEEL BENT PLATE (05 50 00)
05.75	ALUMINUM COLUMN COVER (1/8" THK)
05.81E	8" STRUCTURAL STEEL STUDS AT 16" O.C.
05.85	7/8" HAT CHANNEL
05.86	COLD FORMED METAL ANGLE
06.23B	1/2" GYPSUM BOARD SHEATHING (06 10 00)
06.27A	TREATED WOOD BLOCKING
07.03	MEMBRANE WATERPROOFING (07 27 26)
07.09B	R-19 BATT INSULATION (6" THK) (07 21 00)
07.11	RIGID ROOF INSULATION (3 1/2" THK) (07 51 00)
07.11A	COVERBOARD (1/2" THK) (07 51 00)
07.35	PREFORMED METAL SOFFIT PANELS (07 41 00)
07.39	STANDING SEAM METAL ROOF (07 41 00)
07.48	J CLOSURE
07.61	METAL FLASHING
07.61A	PRE-FINISHED METAL FLASHING
07.61B	CONTINUOUS 26 GA. GALVANIZED METAL CLEAT (07 69 00)
07.62B	METAL DRIP CAP - CLIP TO WINDOW HEAD FLASHING
07.75	METAL FASCIA - PTD. (07 60 00)
07.91	BACKER ROD & SEALANT
08.31	ALUMINUM FRAME (08 40 00)
08.31A	ALUMINUM SILL (08 40 00)
08.31C	ALUMINUM SILL FLASHING - DAM AT ENDS (08 40 00)
09.05	STUCCO ON METAL LATH (09 22 00)
09.06E	STUCCO SYSTEM DRIP SCREED (09 22 00)
09.06J	STUCCO SYSTEM J MOULDING (09 22 00)



No.	Description	Date

KEY PLAN

Mathes Brierre + /BM
ARCHITECTS ARCHITECTS BEAZLEY MOLIERE
A JOINT VENTURE

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PROJECT TITLE

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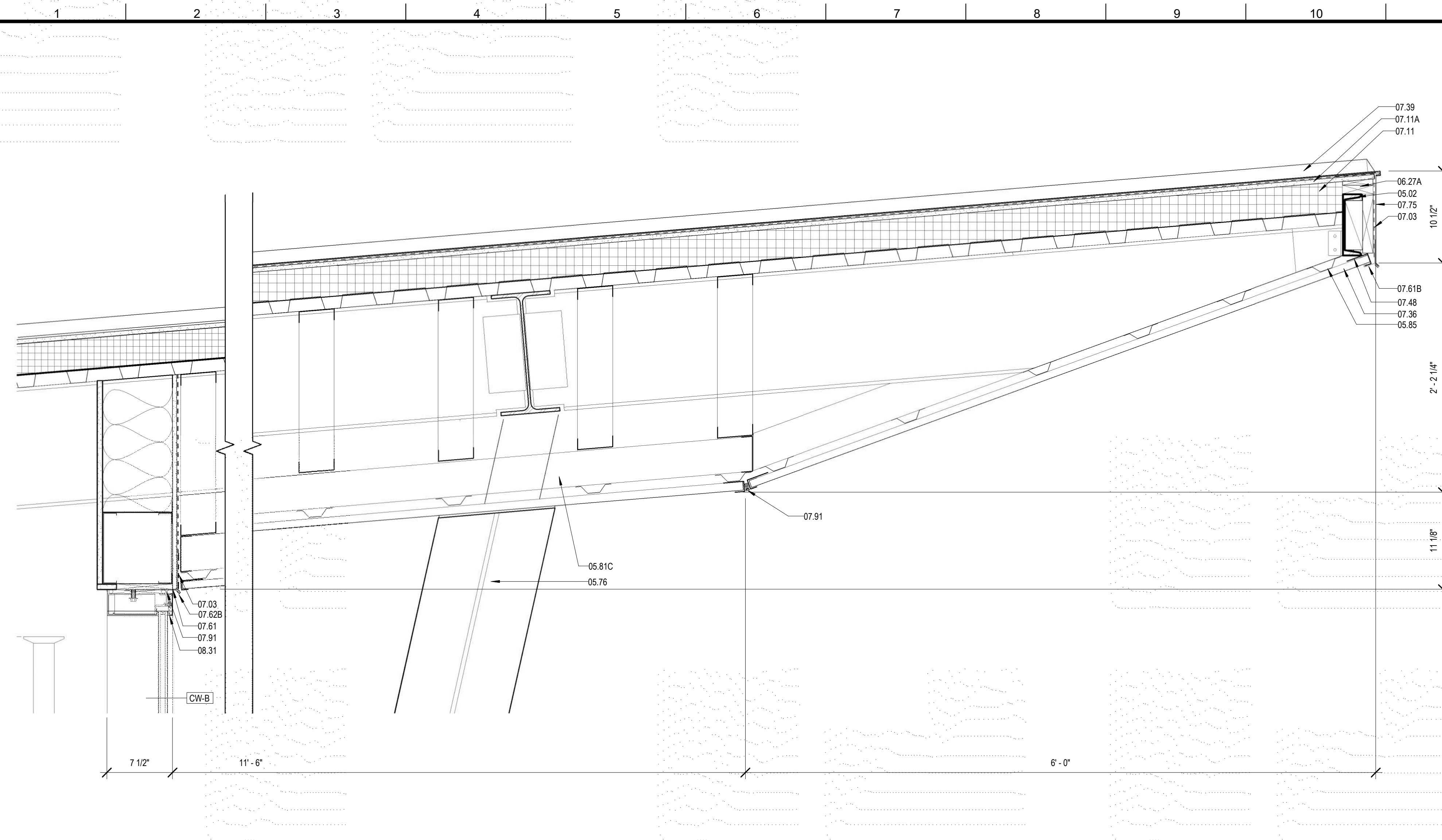
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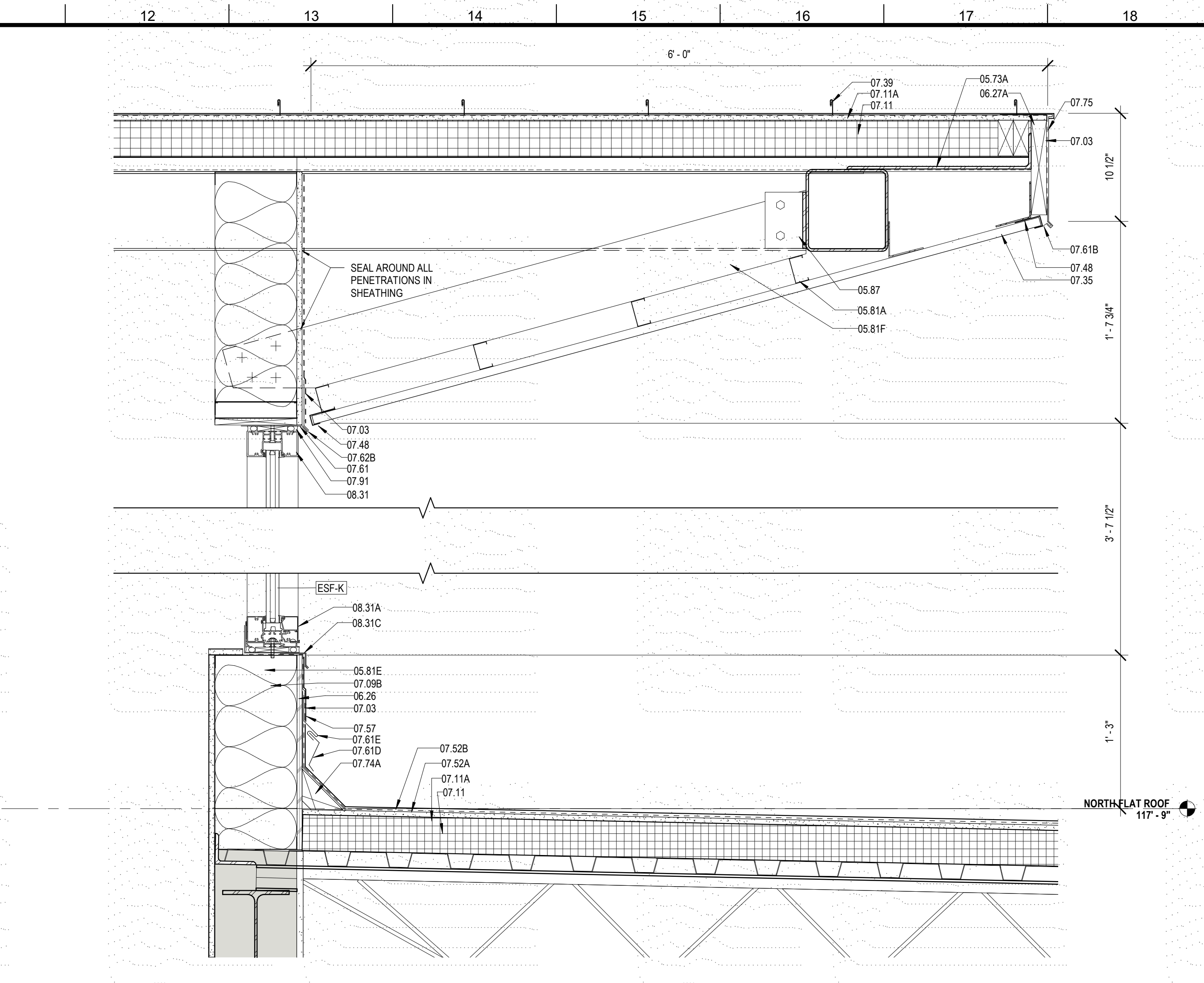
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DRAWN BY	MP/SC/ALB	DATE	05.05.2023

SHEET TITLE
ENLARGED SECTION DETAILS

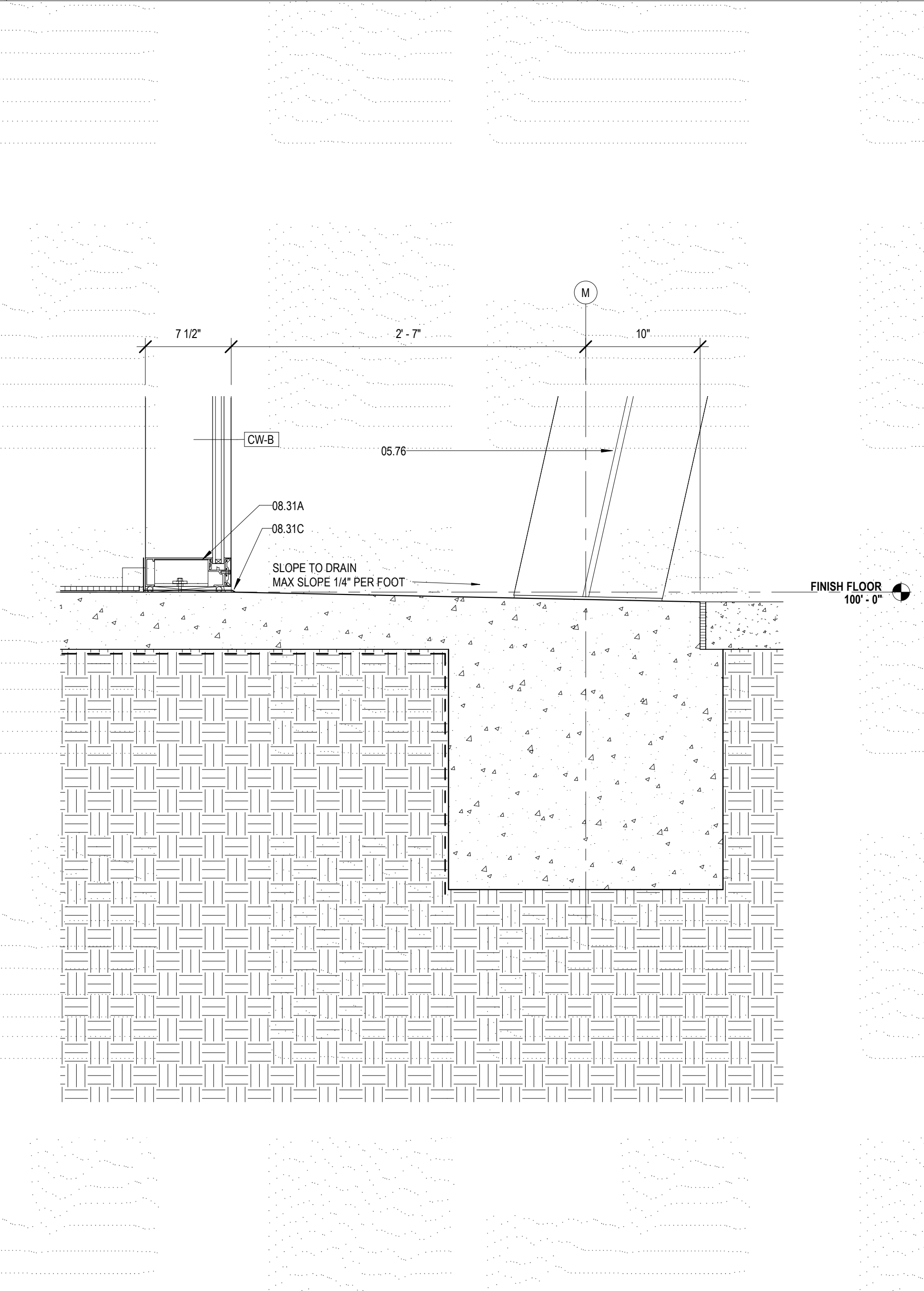
PROJECT NO.	MBA - 11884	SHEET NO.	A420
	ABM - 201813		



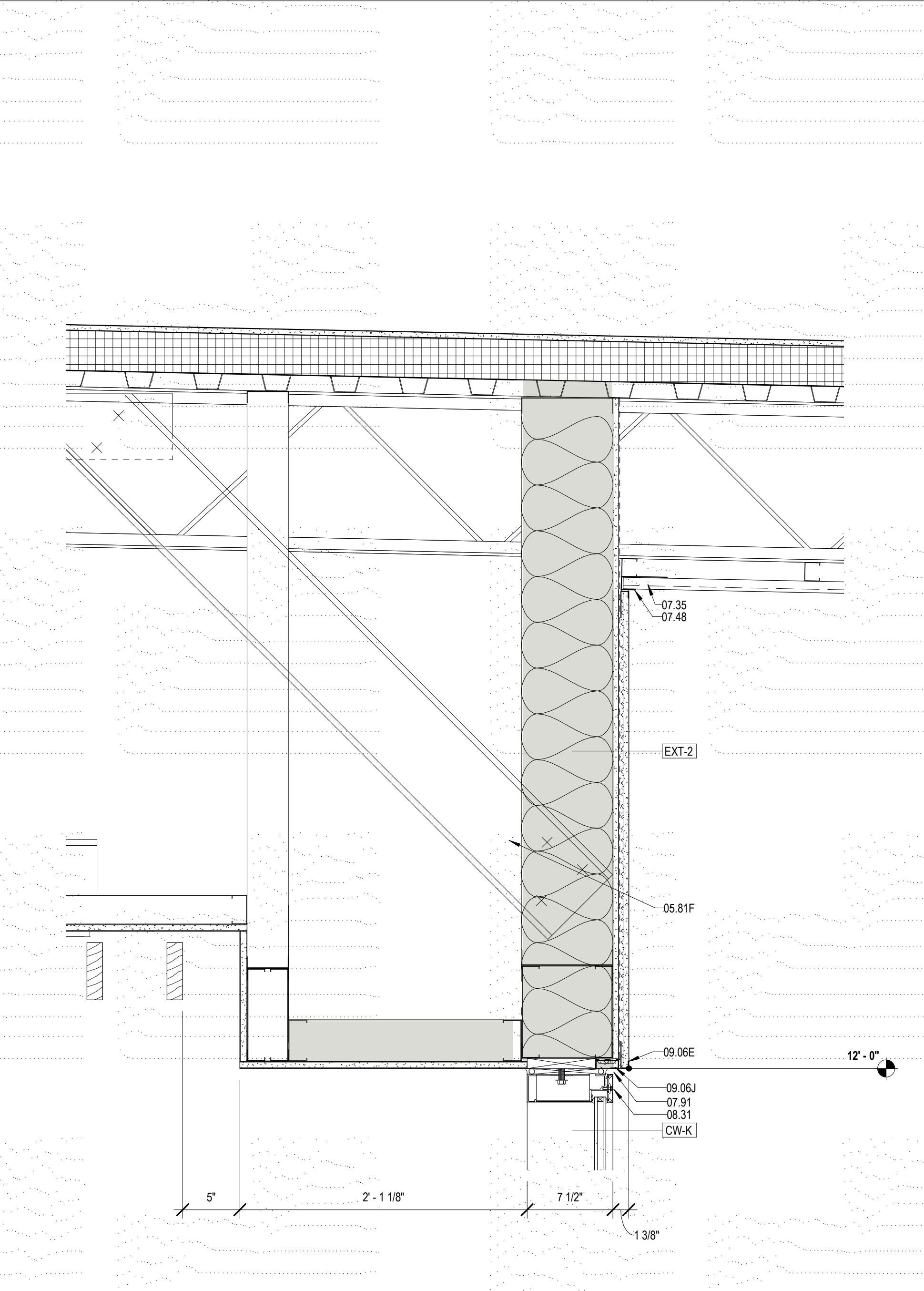
4 ROOF DETAIL @ ENTRANCE
A421 1 1/2" = 1'-0"



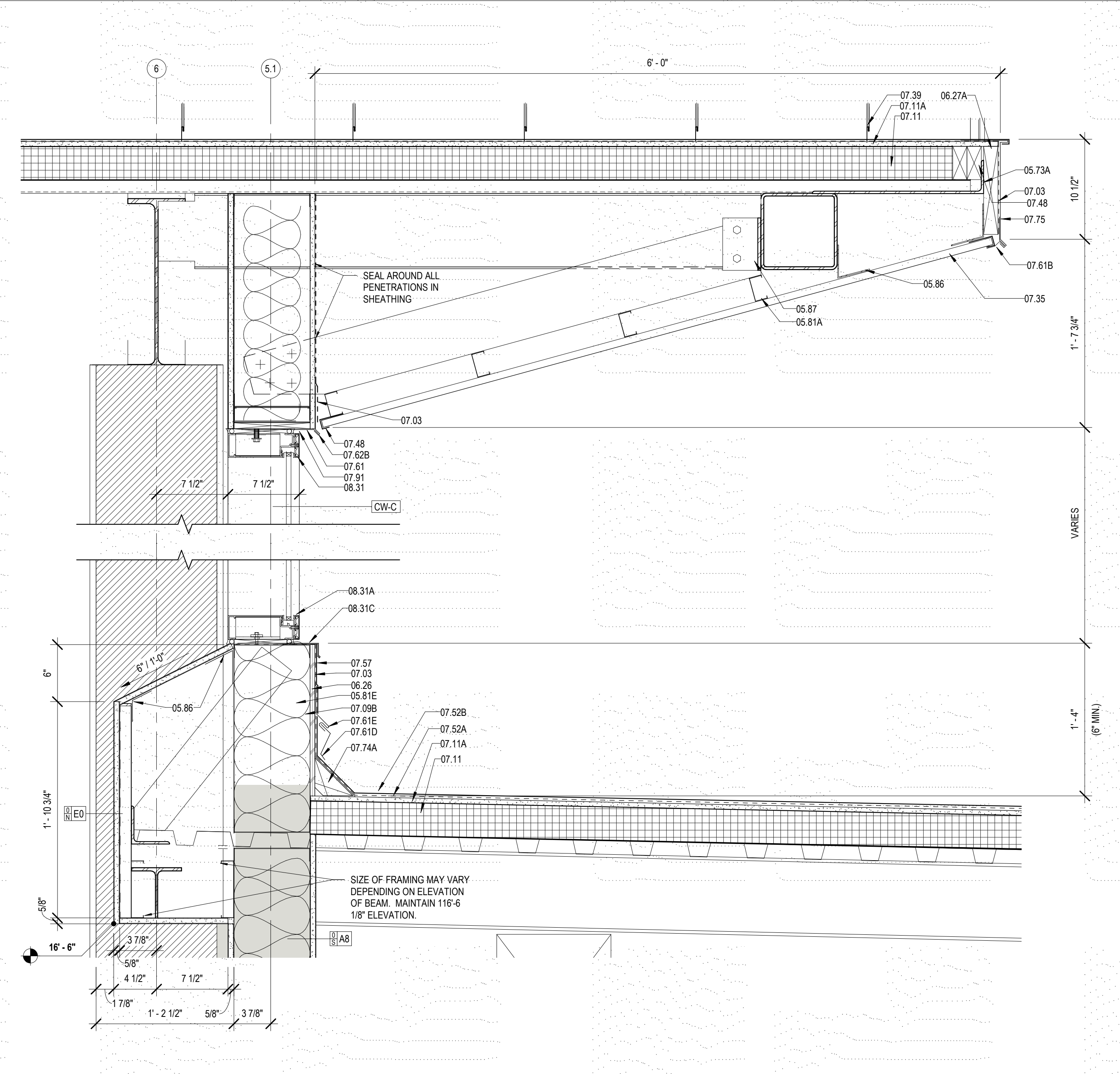
5 DETAIL @ NORTH CLERESTORY
A421 1 1/2" = 1'-0"



1 DETAIL @ ENTRANCE
A421 1 1/2" = 1'-0"



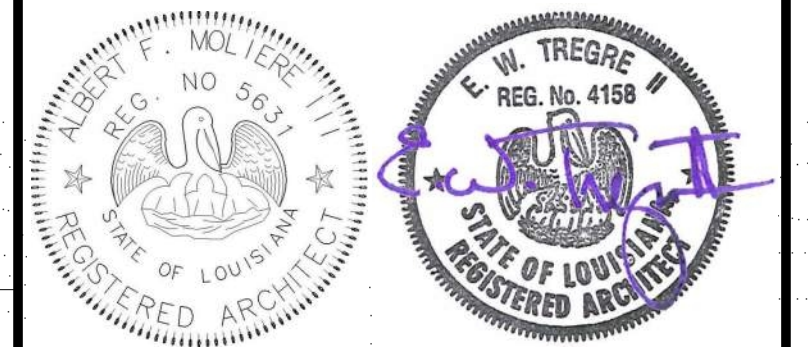
2 DETAIL @ QUIET READING
A421 1 1/2" = 1'-0"



3 DETAIL @ LOBBY CLERESTORY
A421 1 1/2" = 1'-0"

MATERIALS KEYING/GENERAL NOTES

Key Value	Keynote Text
05.02	STEEL EDGE BEAM - RE. STRUCTURAL (05.12.00)
05.73A	STEEL BENT PLATE (05.50.00)
05.76	ALUMINUM COLUMN COVER (1/8" THK)
05.81A	2 1/2" STRUCTURAL STEEL STUDS AT 16" O.C.
05.81C	4" STRUCTURAL STEEL STUDS AT 16" O.C.
05.81E	8" STRUCTURAL STEEL STUDS AT 16" O.C.
05.81F	6" COLD FORMED STEEL KICKER AT 2" O.C.
05.85	7/8" HAT CHANNEL
05.86	COLD FORMED METAL ANGLE
05.87	CLIP ANGLE - CONNECT TO STRUCTURE
06.26	1/2" PLYWOOD SHEATHING
06.27A	TREATED WOOD BLOCKING
07.03	MEMBRANE WATERPROOFING (07.27.26)
07.09B	R-19 BATT INSULATION (6" THK) (07.21.00)
07.11	RIGID ROOF INSULATION (1 1/2" THK) (07.51.00)
07.11A	COVERBOARD (1/2" THK) (07.51.00)
07.35	PERFORMED METAL SOFFIT PANELS (07.41.00)
07.36	PERFORMED PERFORATED METAL SOFFIT PANELS
07.39	STANDING SEAM METAL ROOF (07.41.00)
07.48	J CLOSURE
07.52A	BASE PLY (07.51.00)
07.52B	MODIFIED BITUMEN MEMBRANE (07.51.00)
07.57	PARAPET TREATMENT (07.11.50)
07.61	METAL FLASHING
07.61B	CONTINUOUS 26 GA. GALVANIZED METAL CLEAT (07.60.00)
07.61D	METAL COUNTER FLASHING
07.61E	METAL FLASHING RECEIVER
07.62B	METAL DRIP CAP - CLIP TO WINDOW HEAD FLASHING
07.74A	CANT (TREATED WOOD) (07.60.00)
07.75	METAL FASCIA - FTD. (07.60.00)
07.91	BACKER ROD & SEALANT
08.31	ALUMINUM FRAME (08.40.00)
08.31A	ALUMINUM SILL (08.40.00)
08.31C	ALUMINUM SILL FLASHING - DAM AT ENDS (08.40.00)
09.06E	STUCCO SYSTEM DRIP SCREED (09.22.00)
09.06J	STUCCO SYSTEM J MOULDING (09.22.00)



No.	Description	Date

KEY PLAN

Mathes Brierre + BM
ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
A JOINT VENTURE

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337.233.0614

PROJECT TITLE

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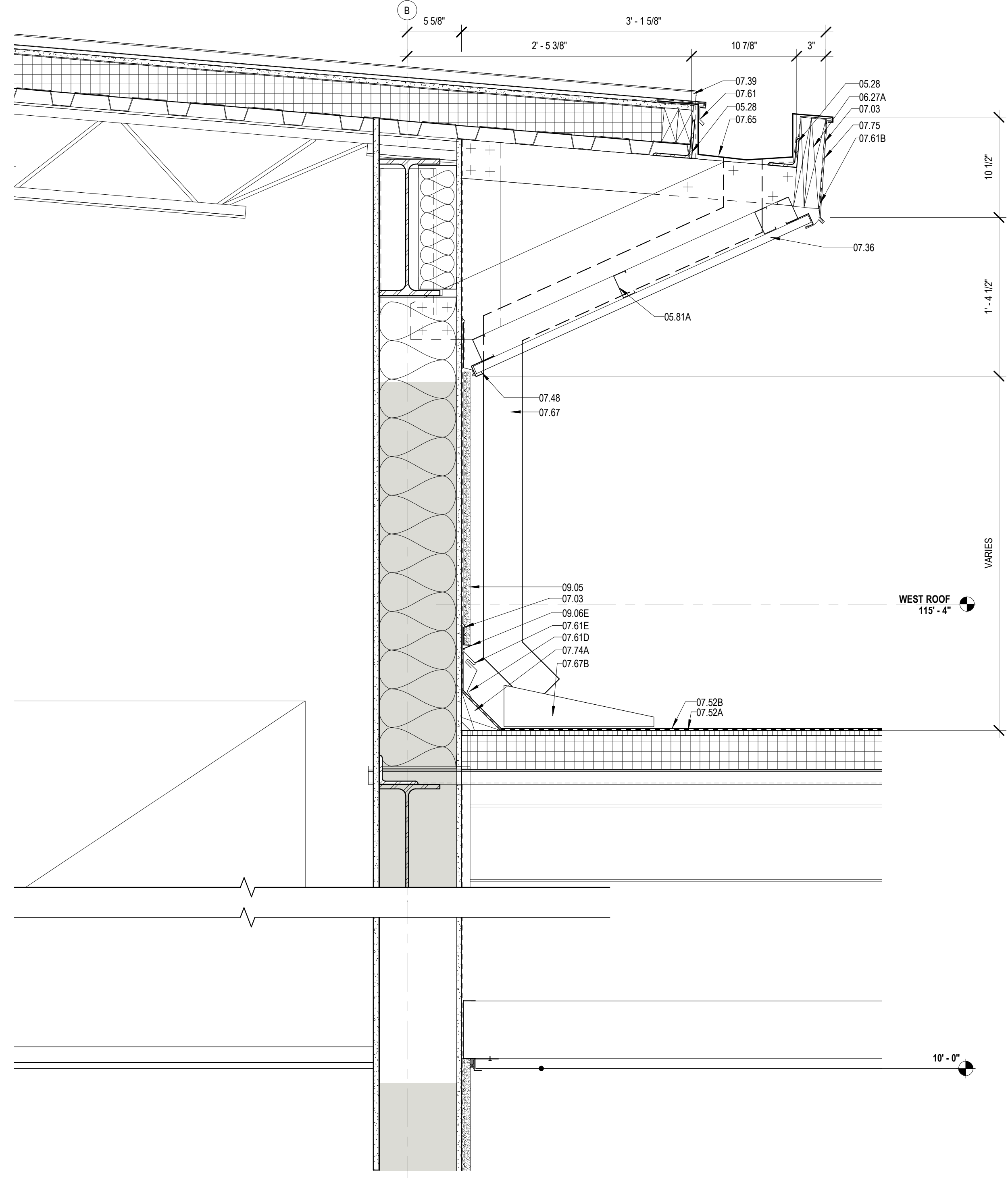
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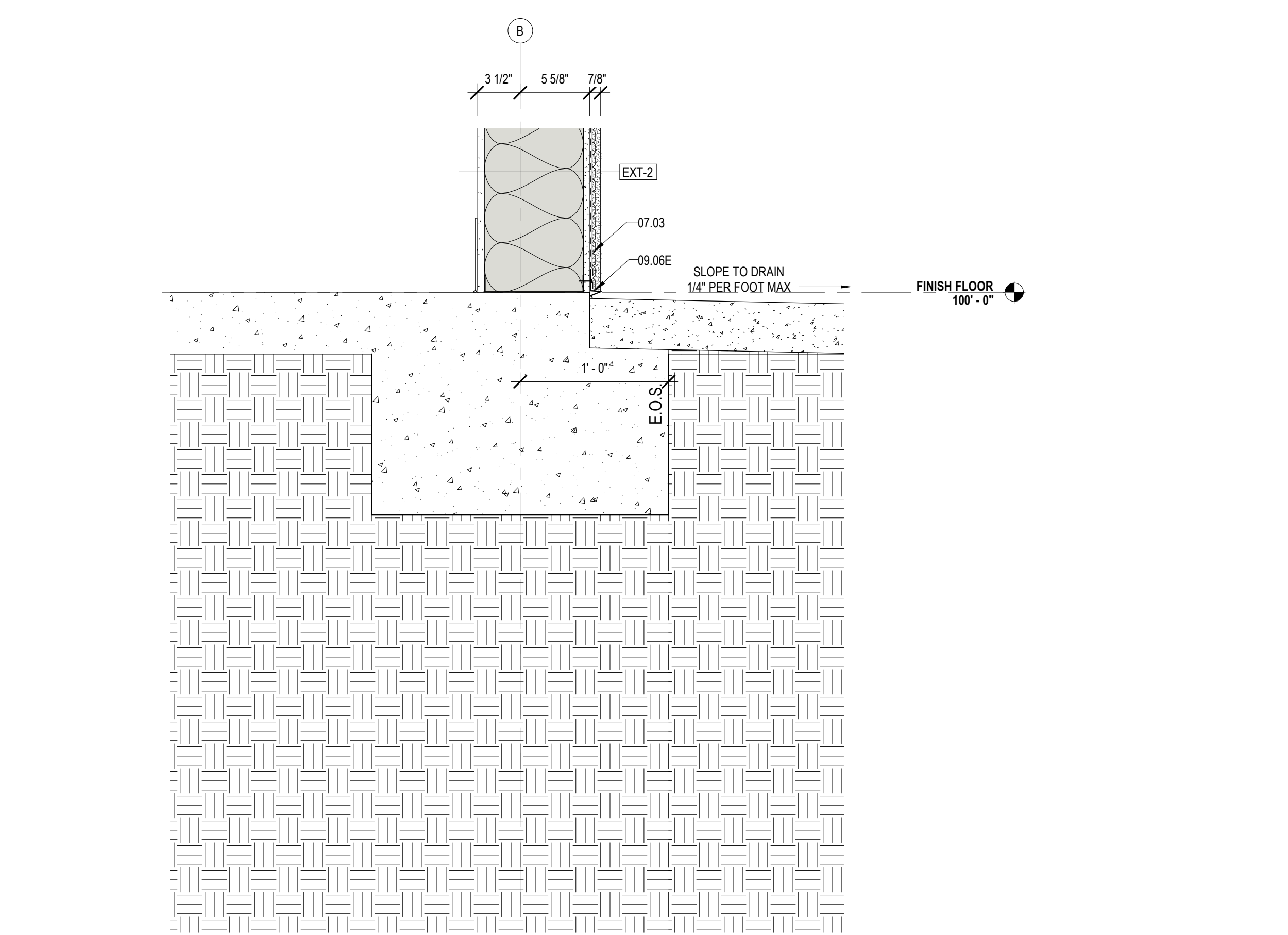
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SHEET TITLE
ENLARGED SECTION DETAILS

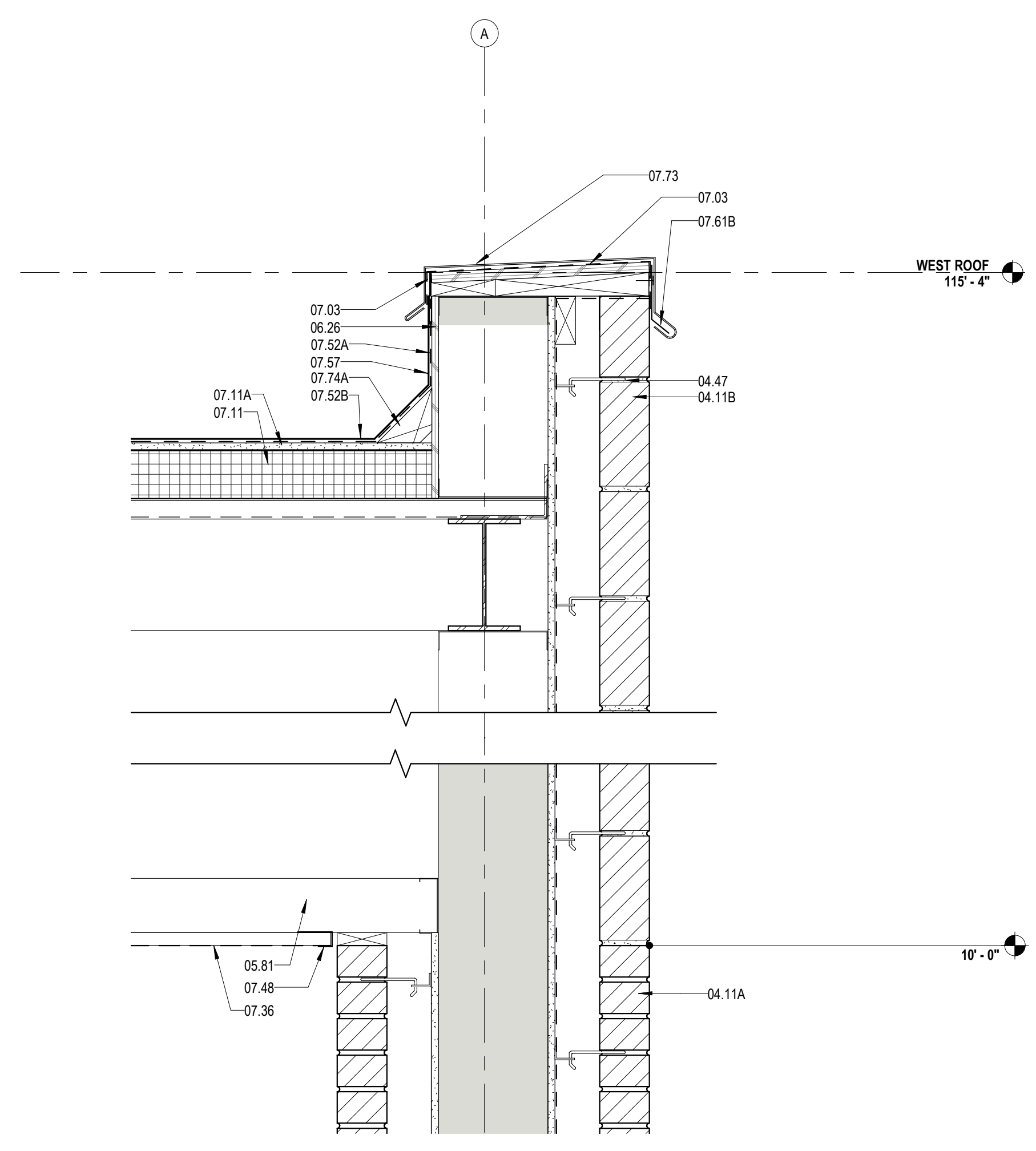
PROJECT NO.	MBA - 11884	SHEET NO.	A421
ABM - 201813			



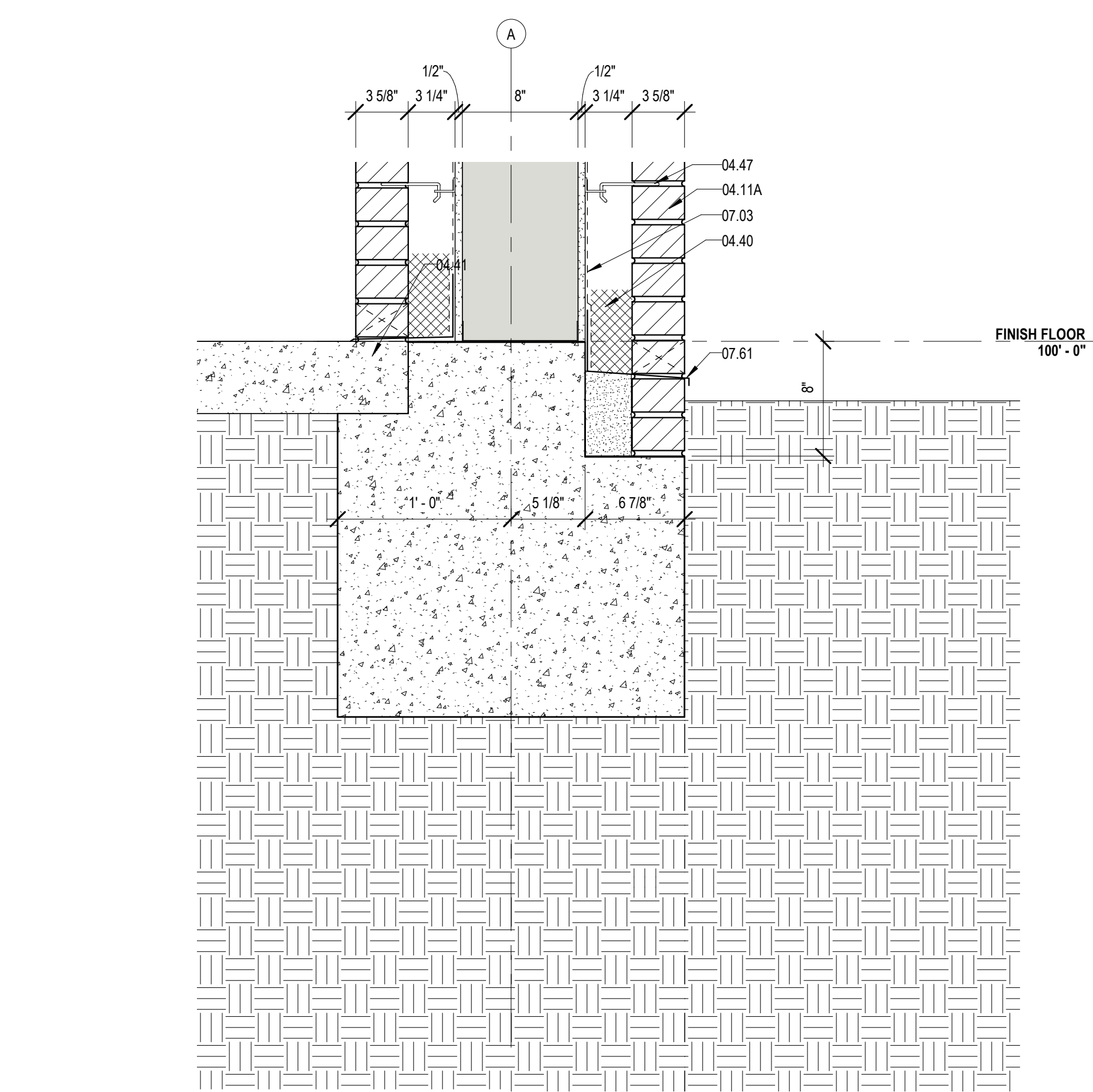
4 ROOF DETAIL @ HIGH ROOF ABOVE STAFF ENTRANCE
A422 1 1/2" = 1'-0"



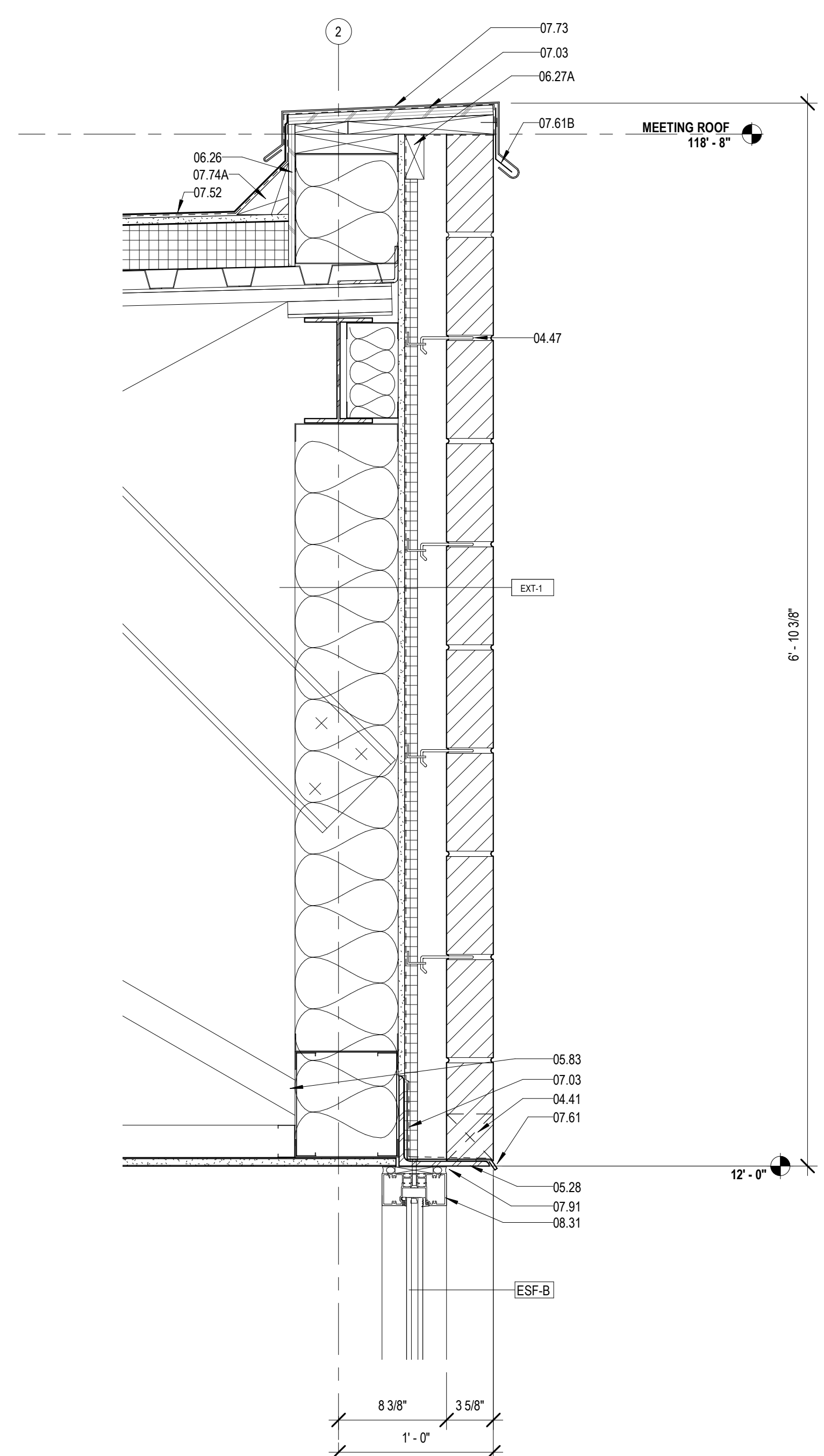
1 DETAIL @ WEST STUCCO WALL
A422 1 1/2" = 1'-0"



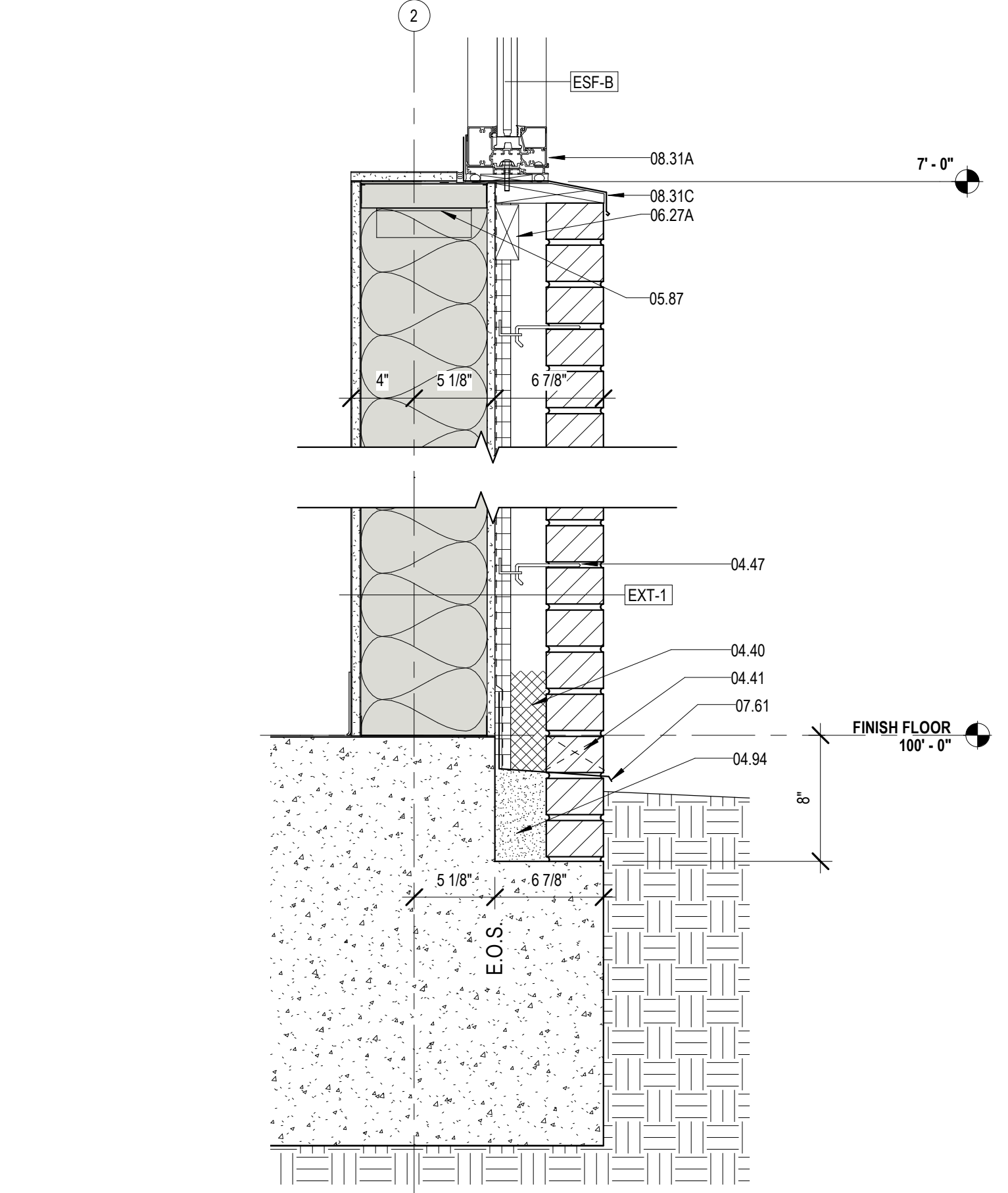
5 ROOF DETAIL @ STAFF ENTRANCE
A422 1 1/2" = 1'-0"



2 DETAIL @ STAFF ENTRANCE
A422 1 1/2" = 1'-0"



6 ROOF DETAIL @ BRICK & CURTAINWALL
A422 1 1/2" = 1'-0"



3 DETAIL @ BRICK WALL
A422 1 1/2" = 1'-0"

MATERIALS KEYING/ GENERAL NOTES

Key Value	Keynote Text
04.11A	FACE BRICK - RUNNING BOND (04 20 00)
04.11B	FACE BRICK - SOLDIER COURSES (04 20 00)
04.40	MORTAR CONTROL
04.41	WEEP HOLE AT 3" ON CENTER
04.47	MASONRY ANCHORS (04 20 00)
04.54	SOLID MORTAR FILL
05.28	STEEL ANGLE - RE STRUCTURAL (05 12 00)
05.81	COLD FORMED STEEL STUDS (05 40 00)
06.81A	2 1/2" STRUCTURAL STEEL STUDS AT 16" O.C.
06.83	BRACE TO STRUCTURE AS REQUIRED
06.87	CLIP ANGLE - CONNECT TO STRUCTURE
06.26	1/2" PLYWOOD SHEATHING
06.27A	TREATED WOOD BLOCKING
07.03	MEMBRANE WATERPROOFING (07 27 26)
07.11	RIGID ROOF INSULATION (3 1/2" THK) (07 51 00)
07.11A	COVERBOARD (1/2" THK) (07 51 00)
07.36	PREFORMED PERFORATED METAL SOFFIT PANELS
07.39	STANDING SEAM METAL ROOF (07 41 00)
07.48	J CLOSURE
07.52	MODIFIED BITUMEN ROOF (07 51 00)
07.52A	BASE PLY (07 51 00)
07.52B	MODIFIED BITUMEN MEMBRANE (07 51 00)
07.57	PARAPET TREATMENT (07 11 50)
07.61	METAL FLASHING
07.61B	CONTINUOUS 26 GA. GALVANIZED METAL CLEAT (07 60 00)
07.61D	METAL COUNTER FLASHING
07.61E	METAL FLASHING RECEIVER
07.65	METAL GUTTER (07 60 00)
07.67	METAL DOWNSPOUT (07 60 00)
07.67B	GALVANIZED SHEET METAL SPLASH PAN (07 60 00)
07.73	METAL COPING (07 60 00)
07.74A	CANT (TREATED WOOD) (07 60 00)
07.75	METAL FASCIA - PTD. (07 60 00)
07.91	BACKER ROD & SEALANT
08.31	ALUMINUM FRAME (08 40 00)
08.31A	ALUMINUM SILL (08 40 00)
08.31C	ALUMINUM SILL FLASHING - DAM AT ENDS (08 40 00)
08.05	STUCCO ON METAL LATH (09 22 00)
08.06E	STUCCO SYSTEM DRIP SCREED (09 22 00)



No.	Description	Date

KEY PLAN

Mathes Brierre + /BM
ARCHITECTS + ARCHITECTS/BEAZLEY/MOLIERE
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PROJECT TITLE

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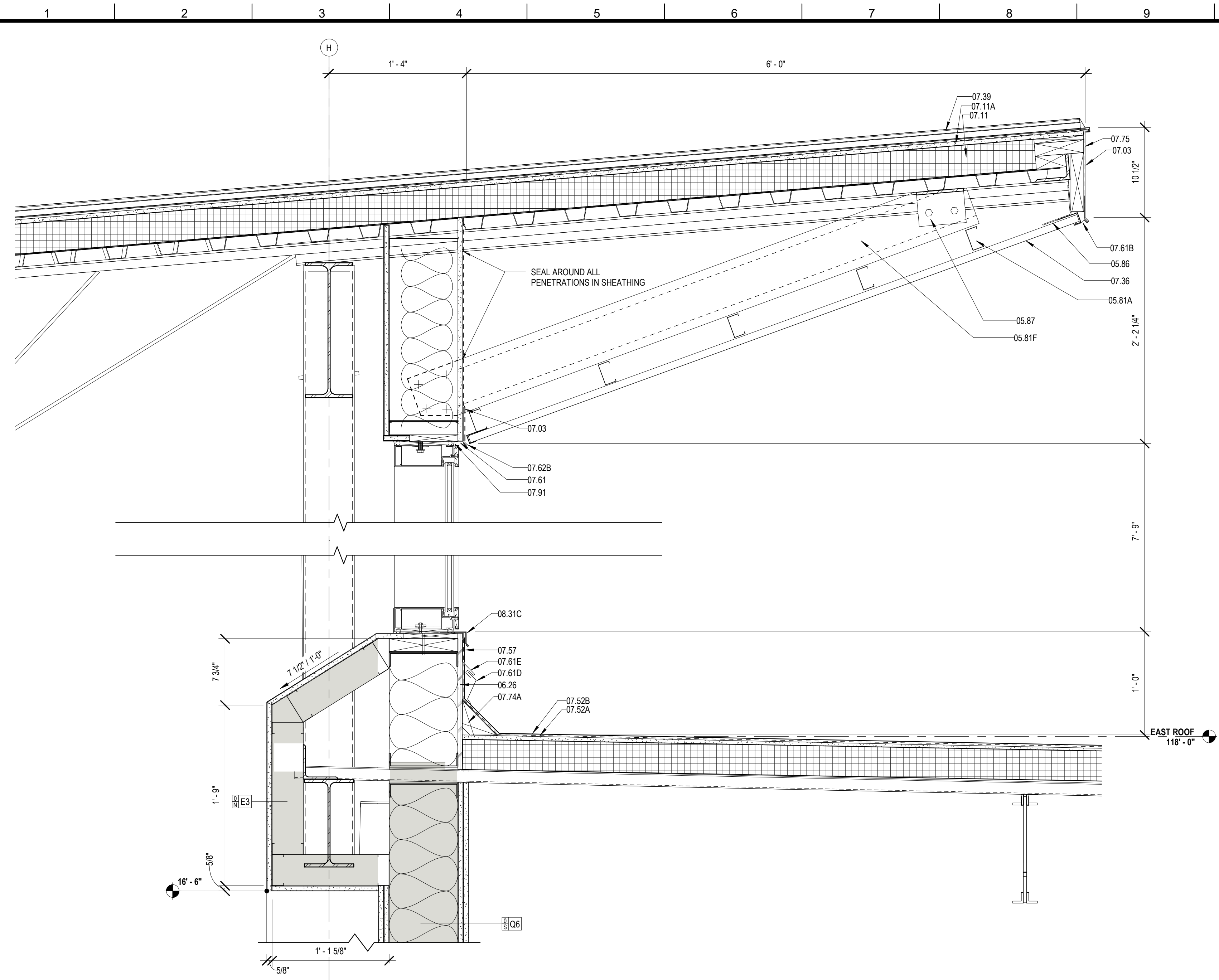
SHEET TITLE

ENLARGED SECTION DETAILS

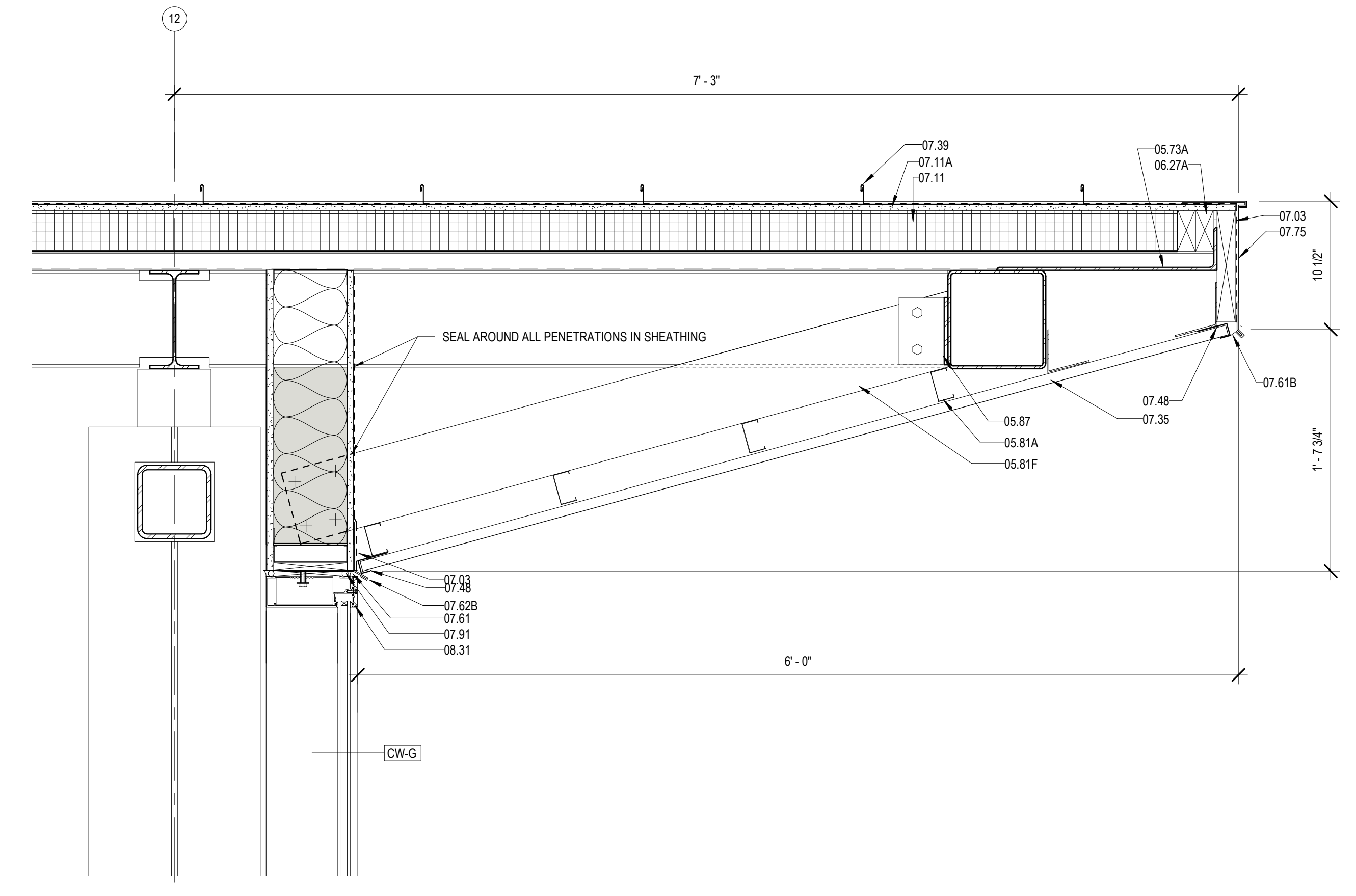
PROJECT NO. SHEET NO.

MBA - 11884
ABM - 201813

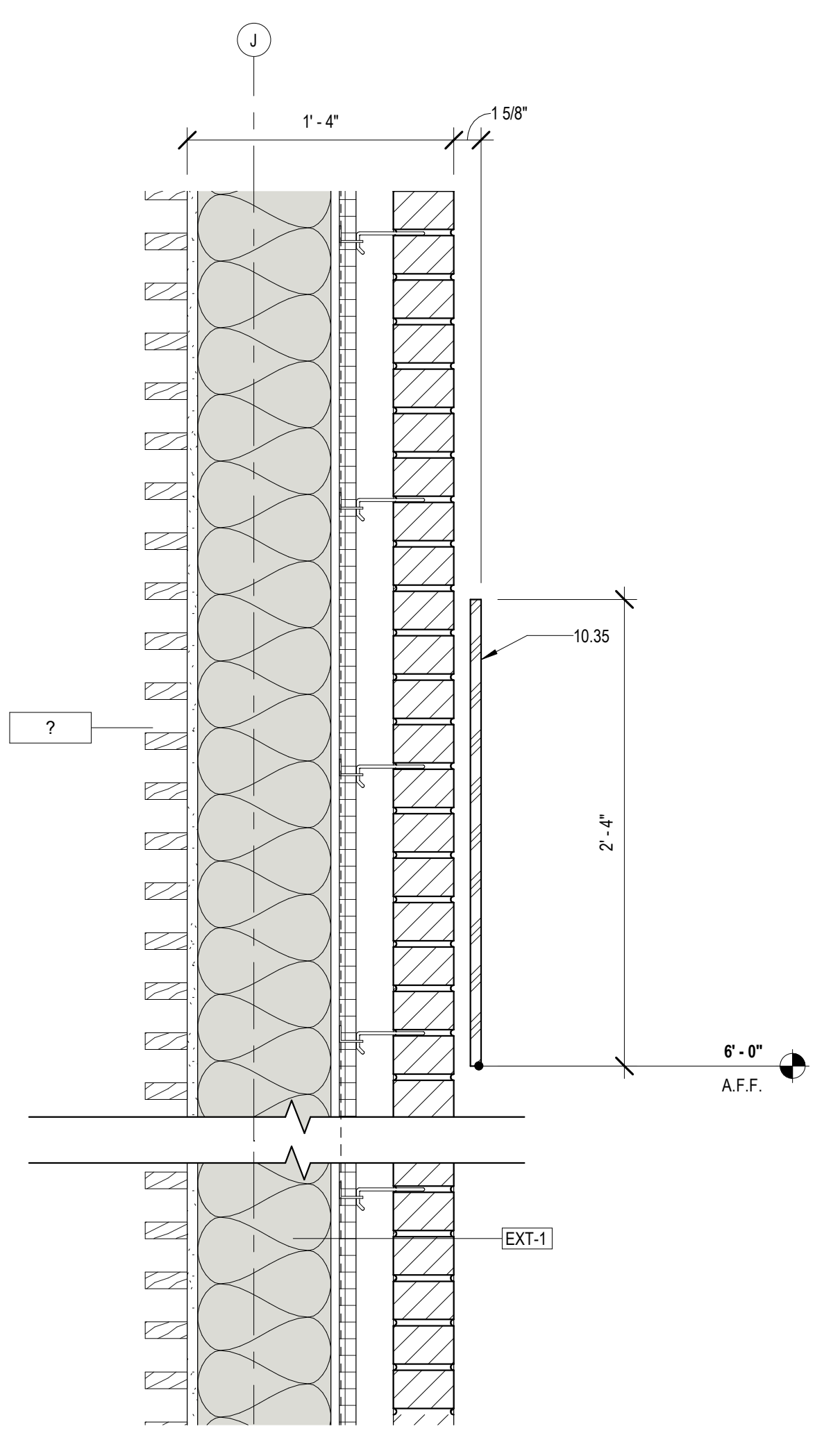
A422



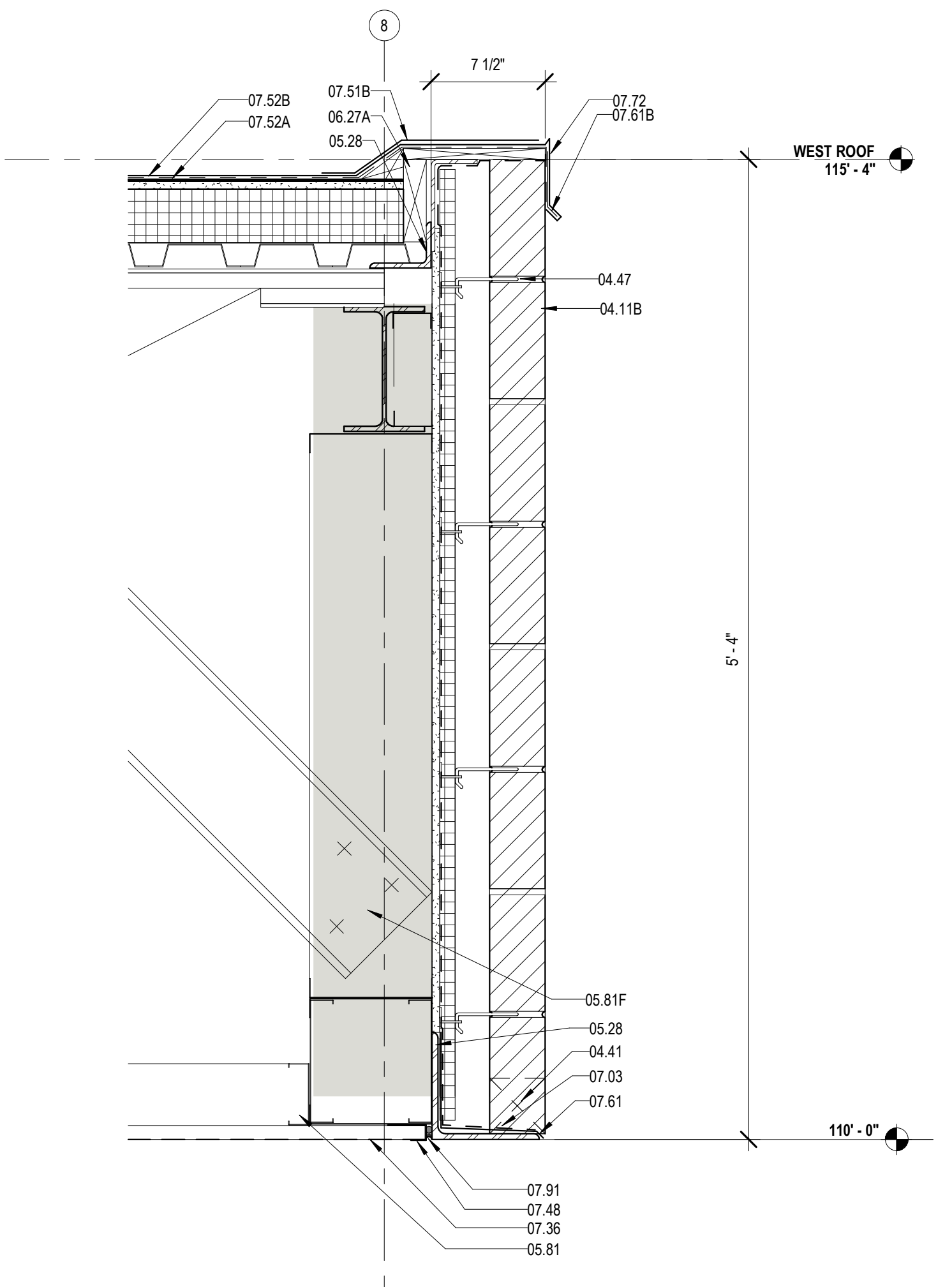
05 ROOF DETAIL @ EAST CLERESTORY
A423 1 1/2" = 1'-0"



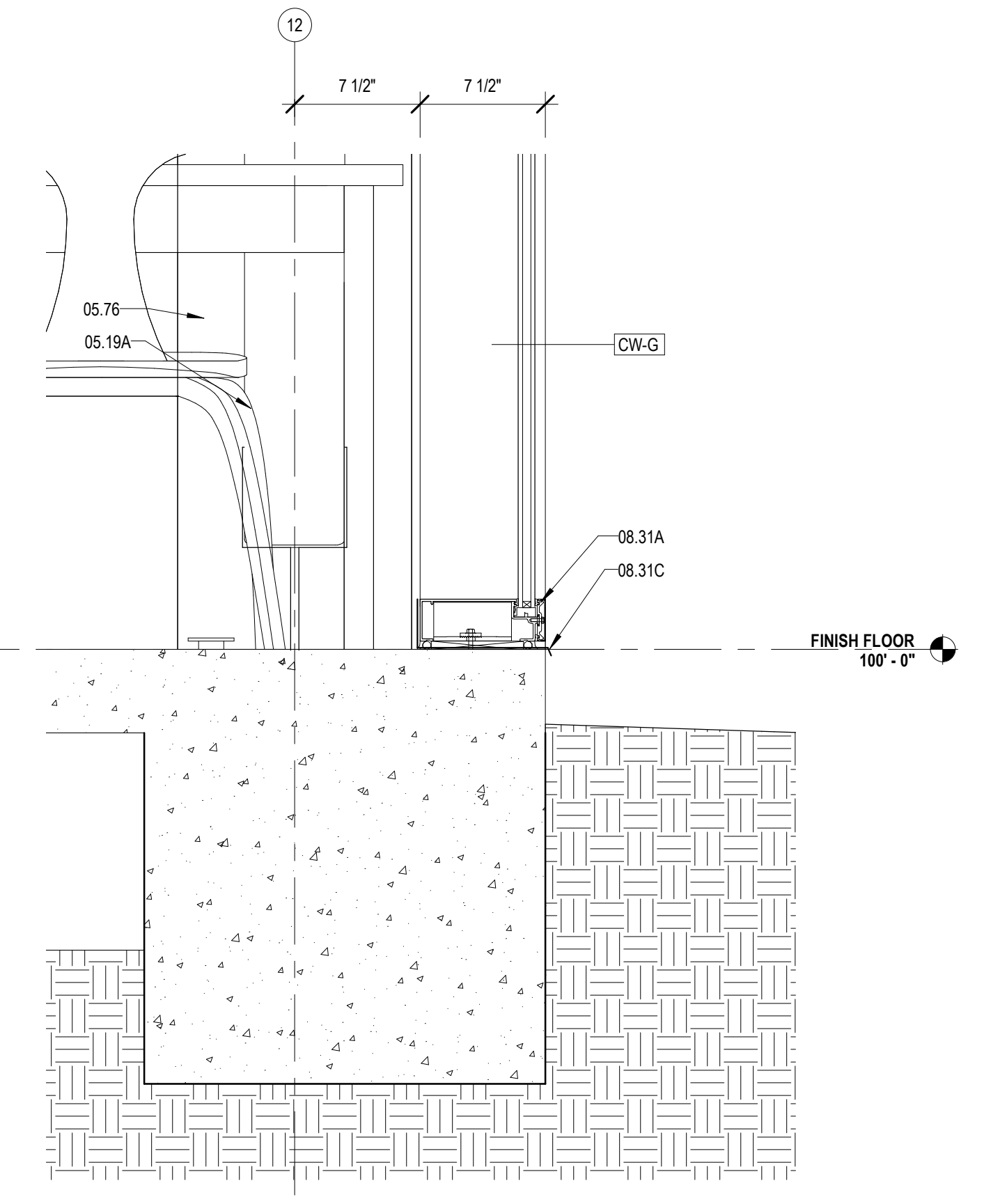
6 SOFFIT DETAIL @ NORTH CW
A423 1 1/2" = 1'-0"



1 MEETING ROOM WALL & BUILDING SIGN DETAIL
A423 1 1/2" = 1'-0"



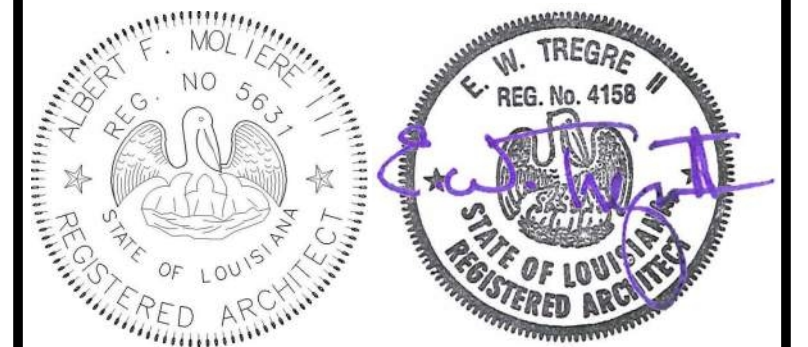
2 DETAIL @ LOW WEST ROOF
A423 1 1/2" = 1'-0"



3 SILL DETAIL @ NORTH CW
A423 1 1/2" = 1'-0"

MATERIALS KEYING/ GENERAL NOTES

Key Value	Keynote Text
04.11B	FACE BRICK - SOLDIER COURSES (04 20 00)
04.41	WEEP HOLE AT 32" ON CENTER
04.47	MASONRY ANCHORS (04 20 00)
05.19A	STEEL TUBE - RE- STRUCTURAL
05.29	STEEL ANGLE- RE- STRUCTURAL (05 12 00)
05.73A	STEEL BENT PLATE (05 50 00)
05.76	ALUMINUM COLUMN COVER (1/8" THK)
05.81	COLD FORMED STEEL STUDS (05 40 00)
05.81A	2 1/2" STRUCTURAL STEEL STUDS AT 16" O.C.
05.81F	1/2" COLD FORMED STEEL KICKER AT 2 O.C.
05.86	COLD FORMED METAL ANGLE
05.87	CLIP ANGLE - CONNECT TO STRUCTURE
06.26	1/2" PLYWOOD SHEATHING
06.27A	TREATED WOOD BLOCKING
07.03	MEMBRANE WATERPROOFING (07 27 26)
07.11	RIGID ROOF INSULATION (3 1/2" THK) (07 51 00)
07.11A	COVERBOARD (1/2" THK) (07 51 00)
07.35	PREFORMED METAL SOFFIT PANELS (07 41 00)
07.36	PREFORMED PERFORATED METAL SOFFIT PANELS
07.39	STANDING SEAM METAL ROOF (07 41 00)
07.48	J CLOSURE
07.51B	STRIPPING (07 51 00)
07.52A	BASE PLY (07 51 00)
07.52B	MODIFIED BITUMEN MEMBRANE (07 51 00)
07.57	PARAPET TREATMENT (07 11 50)
07.61	METAL FLASHING
07.61B	CONTINUOUS 26 GA. GALVANIZED METAL CLEAT (07 60 00)
07.61D	METAL COUNTER FLASHING
07.61E	METAL FLASHING RECEIVER
07.62B	METAL DRIP CAP - CLIP TO WINDOW HEAD FLASHING
07.72	METAL ROOF EDGE (07 60 00)
07.74A	CANT (TREATED WOOD) (07 60 00)
07.75	METAL FASCIA - PTD. (07 60 00)
07.91	BACKER ROD & SEALANT
08.31	ALUMINUM FRAME (08 40 00)
08.31A	ALUMINUM SILL (08 40 00)
08.31C	ALUMINUM SILL FLASHING- DAM AT ENDS (08 40 00)
10.35	METAL LETTERS (DESCRIBE) (10 42 50)



No.	Description	Date

KEY PLAN

Mathes Brierre + MBM
ARCHITECTS + ARCHITECTS BEAZLEY MOLIÈRE
A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
New Orleans, Louisiana 70170-4100
Voice: 504-586-9303, Fax: 504-582-1305

300 Heymann Blvd.
Lafayette, Louisiana 70503
337.233.0614

PROJECT TITLE

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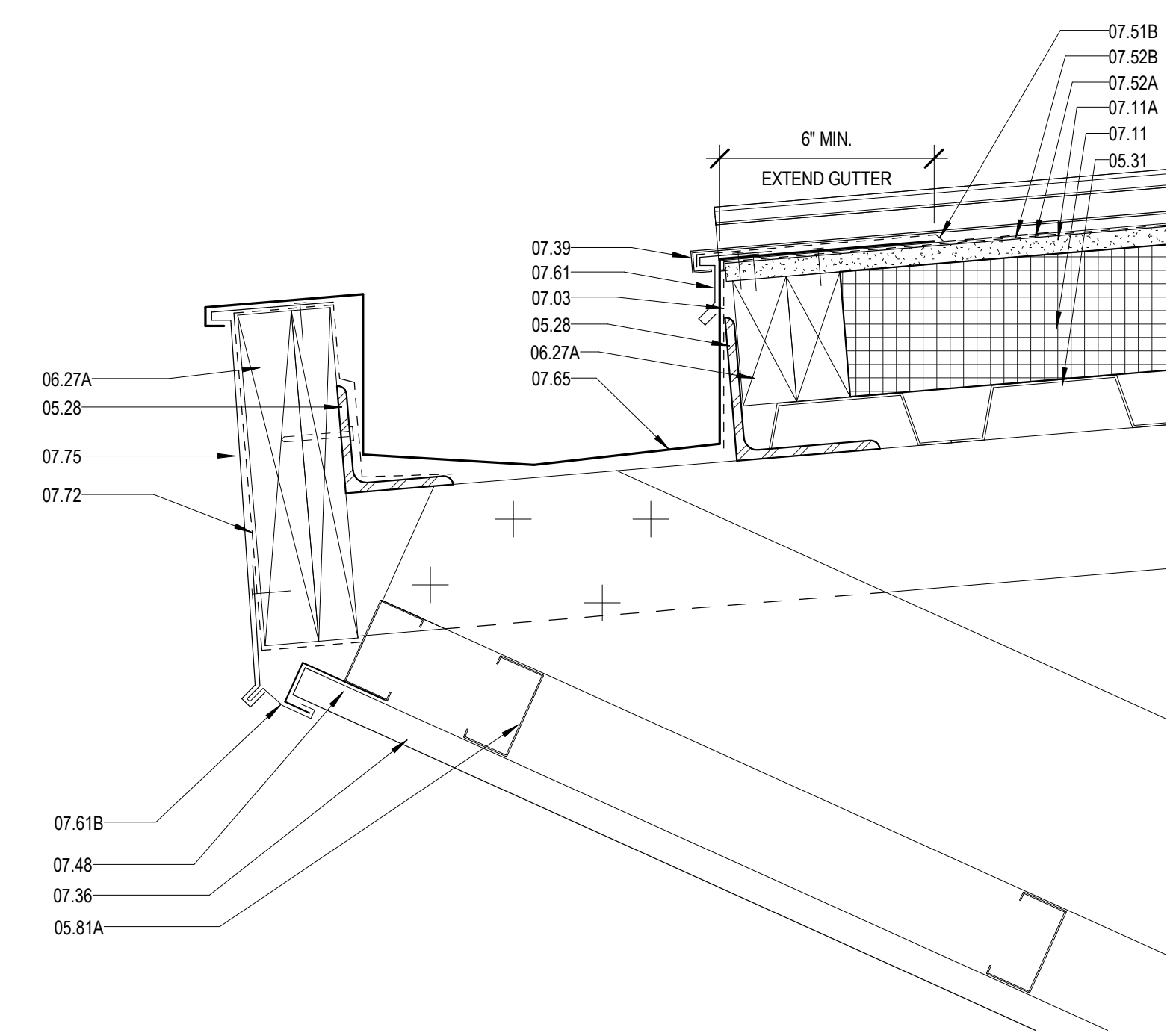
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PERMIT DOCUMENTS

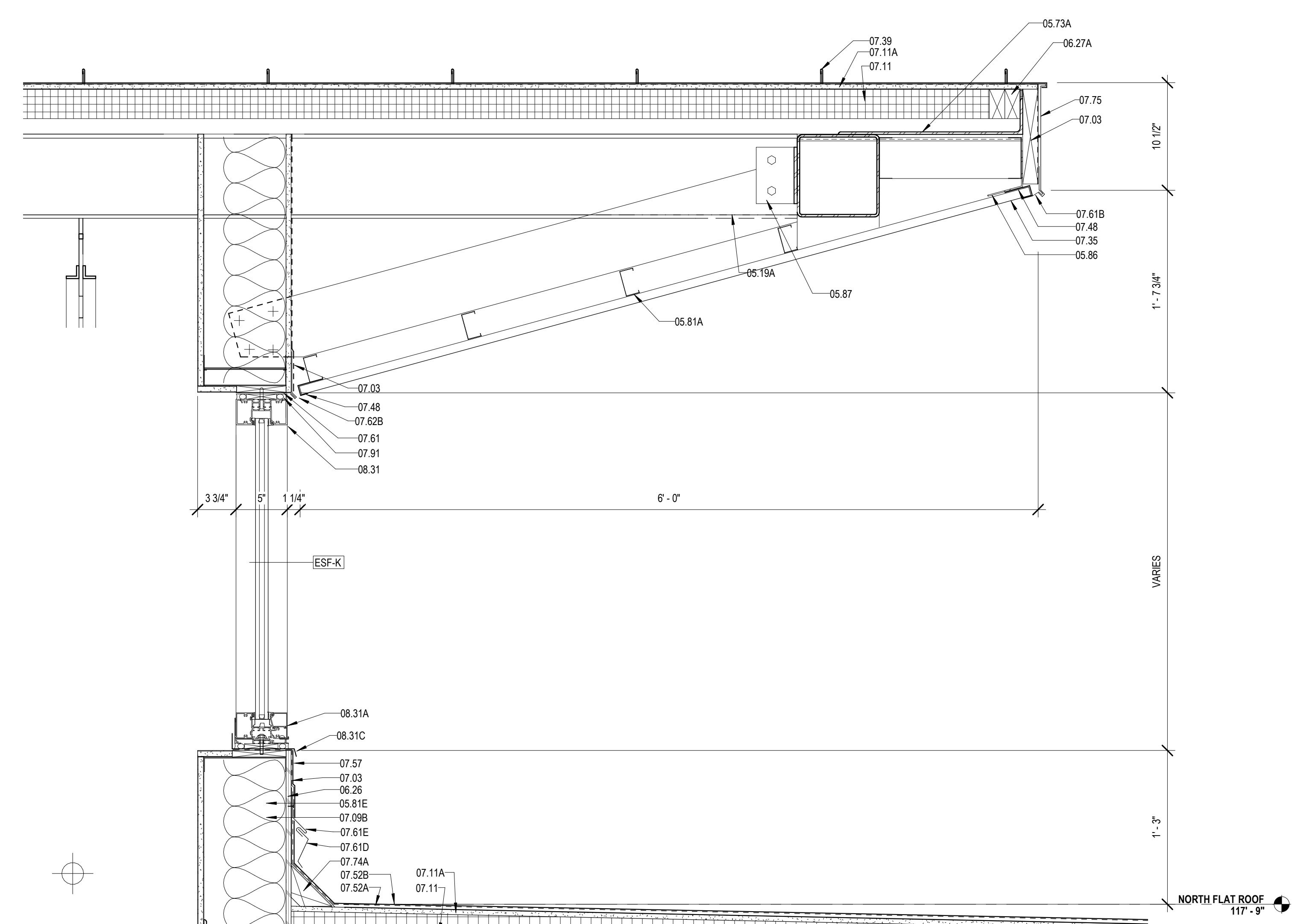
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DRAWN BY	MP/SC/ALB	DATE	05.05.2023

SHEET TITLE
ENLARGED SECTION DETAILS

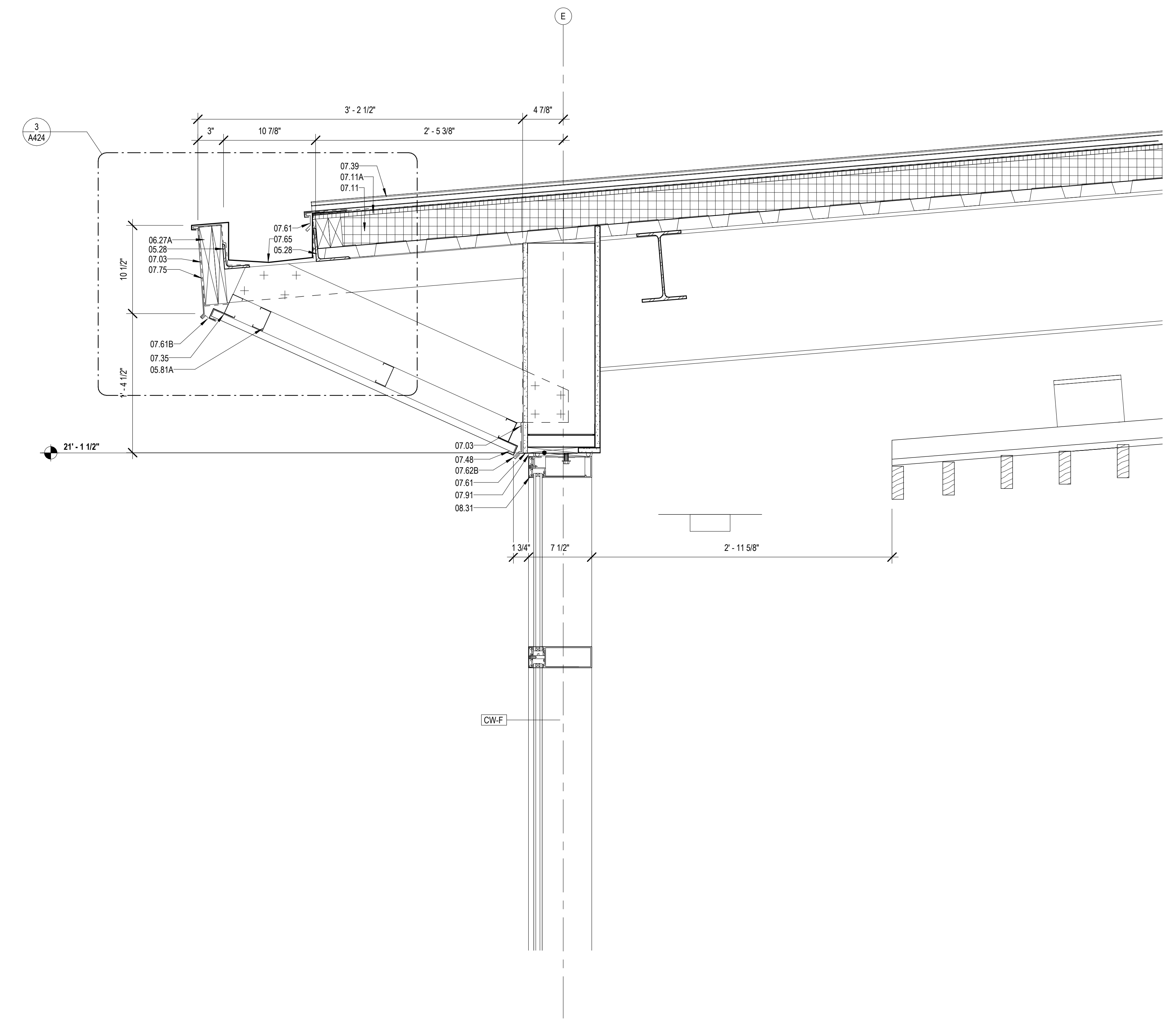
PROJECT NO.	MBA - 11884	SHEET NO.	A423
	ABM - 201813		



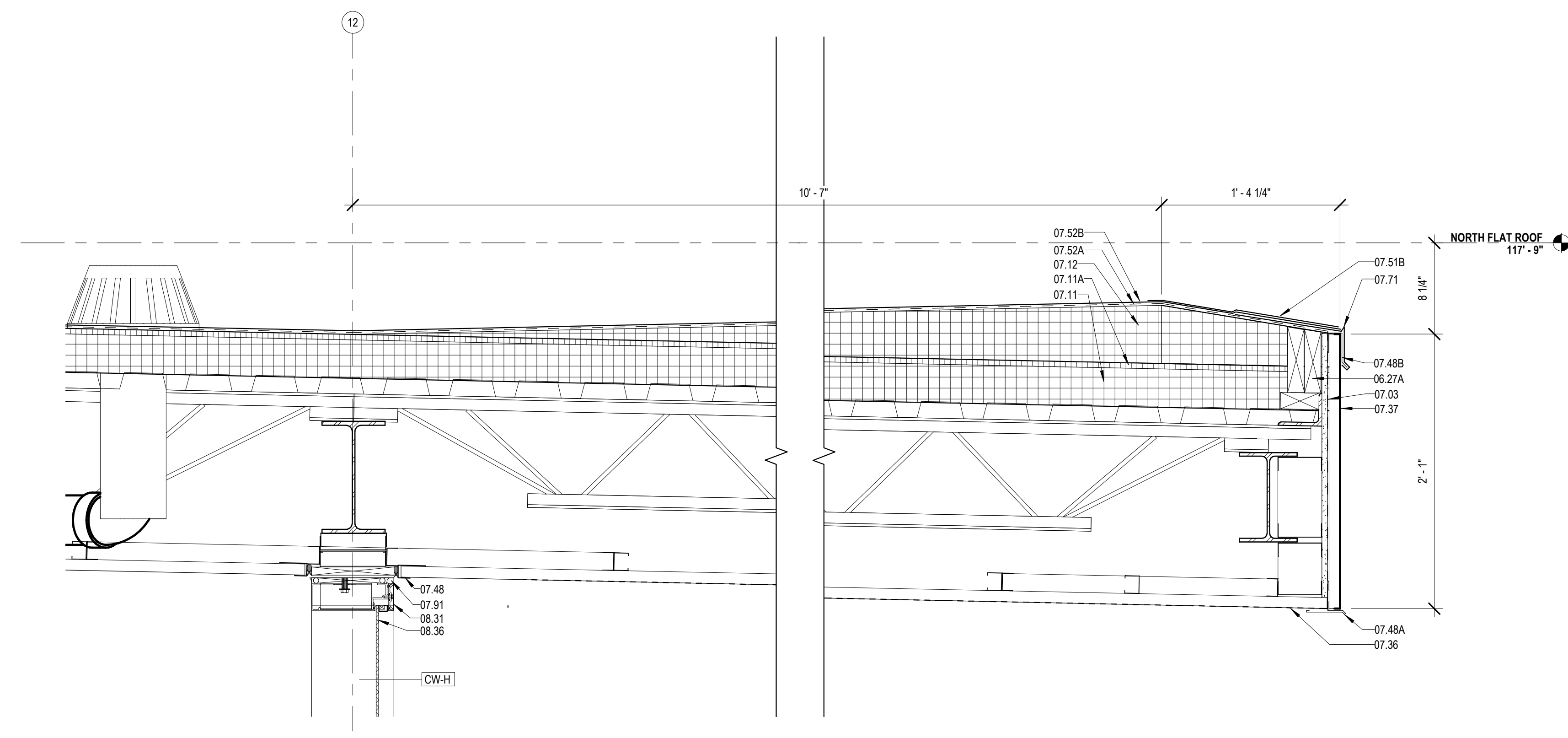
3 INTERNAL GUTTER DETAIL
A424



1 ROOF DETAIL @ QUIET READING
A424 1 1/2" = 1'-0"



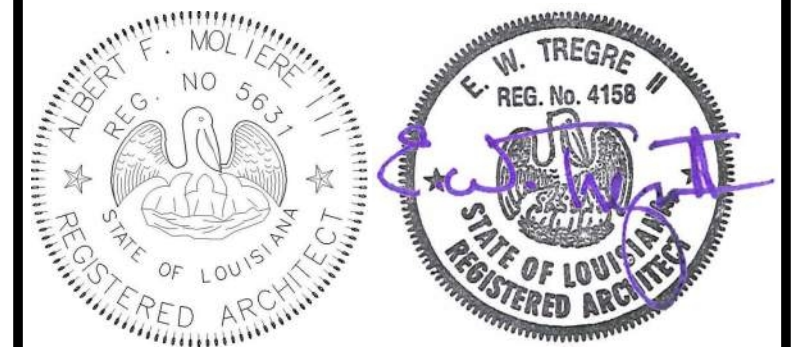
4 ROOF DETAIL @ MULTIPURPOSE
A424 1 1/2" = 1'-0"



2 ROOF DETAIL @ COVERED PORCH
A424 1 1/2" = 1'-0"

MATERIALS KEYING/ GENERAL NOTES

Key Value	Keynote Text
05.19A	STEEL TUBE - RE: STRUCTURAL
05.28	STEEL ANGLE - RE: STRUCTURAL (05 12 00)
05.31	METAL DECKING - RE: STRUCTURAL (05 30 00)
05.73A	STEEL BENT PLATE (05 50 00)
05.81A	2 1/2" STRUCTURAL STEEL STUDS AT 16" O.C.
05.81E	8" STRUCTURAL STEEL STUDS AT 16" O.C.
05.86	COLD FORMED METAL ANGLE
05.87	CLIP ANGLE - CONNECT TO STRUCTURE
06.26	1/2" PLYWOOD SHEATHING
06.27A	TREATED WOOD BLOOMING
07.03	MEMBRANE WATERPROOFING (07 27 26)
07.09B	R-19 BATT INSULATION (6" THK) (07 21 00)
07.11	RIGID ROOF INSULATION (3 1/2" THK) (07 51 00)
07.11A	COVERBOARD (1/2" THK) (07 51 00)
07.12	TAPERED ROOF INSULATION (07 51 00)
07.35	PREFORMED METAL SOFFIT PANELS (07 41 00)
07.36	PREFORMED PERFORATED METAL SOFFIT PANELS
07.37	PREFORMED METAL SIDING (07 41 00)
07.39	STANDING SEAM METAL ROOF (07 41 00)
07.48	J CLOSURE
07.48A	ALUMINUM EAVE TO SOFFIT TRANSITION TRIM
07.48B	ALUMINUM J TRIM - CLIP GRAVEL STOP TO TRIM
07.51B	STRIPPING (07 51 00)
07.52A	BASE PLY (07 51 00)
07.52B	MODIFIED BITUMEN MEMBRANE (07 51 00)
07.57	PARAPET TREATMENT (07 11 50)
07.61	METAL FLASHING
07.61B	CONTINUOUS 26 GA. GALVANIZED METAL CLEAT (07 60 00)
07.61D	METAL COUNTER FLASHING
07.61E	METAL FLASHING RECEIVER
07.62B	METAL DRIP CAP - CLIP TO WINDOW HEAD FLASHING
07.65	METAL GUTTER (07 60 00)
07.71	GRAVEL STOP (07 60 00)
07.72	METAL ROOF EDGE (07 60 00)
07.74A	CAIT (TREATED WOOD) (07 60 00)
07.75	METAL FASCIA - PTD. (07 60 00)
07.91	BACKER ROD & SEALANT
08.31	ALUMINUM FRAME (08 40 00)
08.31A	ALUMINUM SILL (08 40 00)
08.31C	ALUMINUM SILL FLASHING - DAM AT ENDS (08 40 00)
08.36	INSECT SCREEN INFILL PANEL



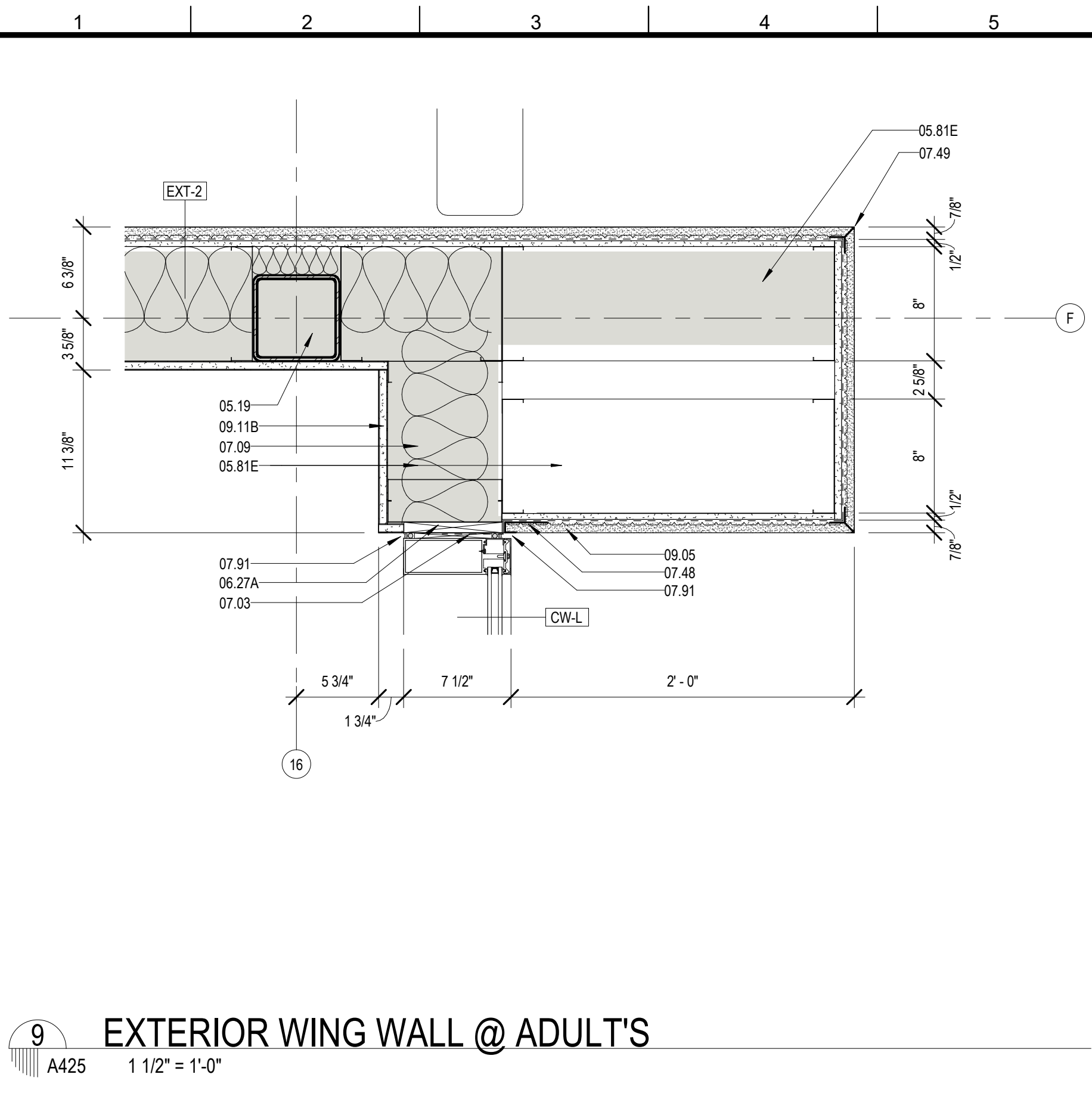
No.	Description	Date

KEY PLAN

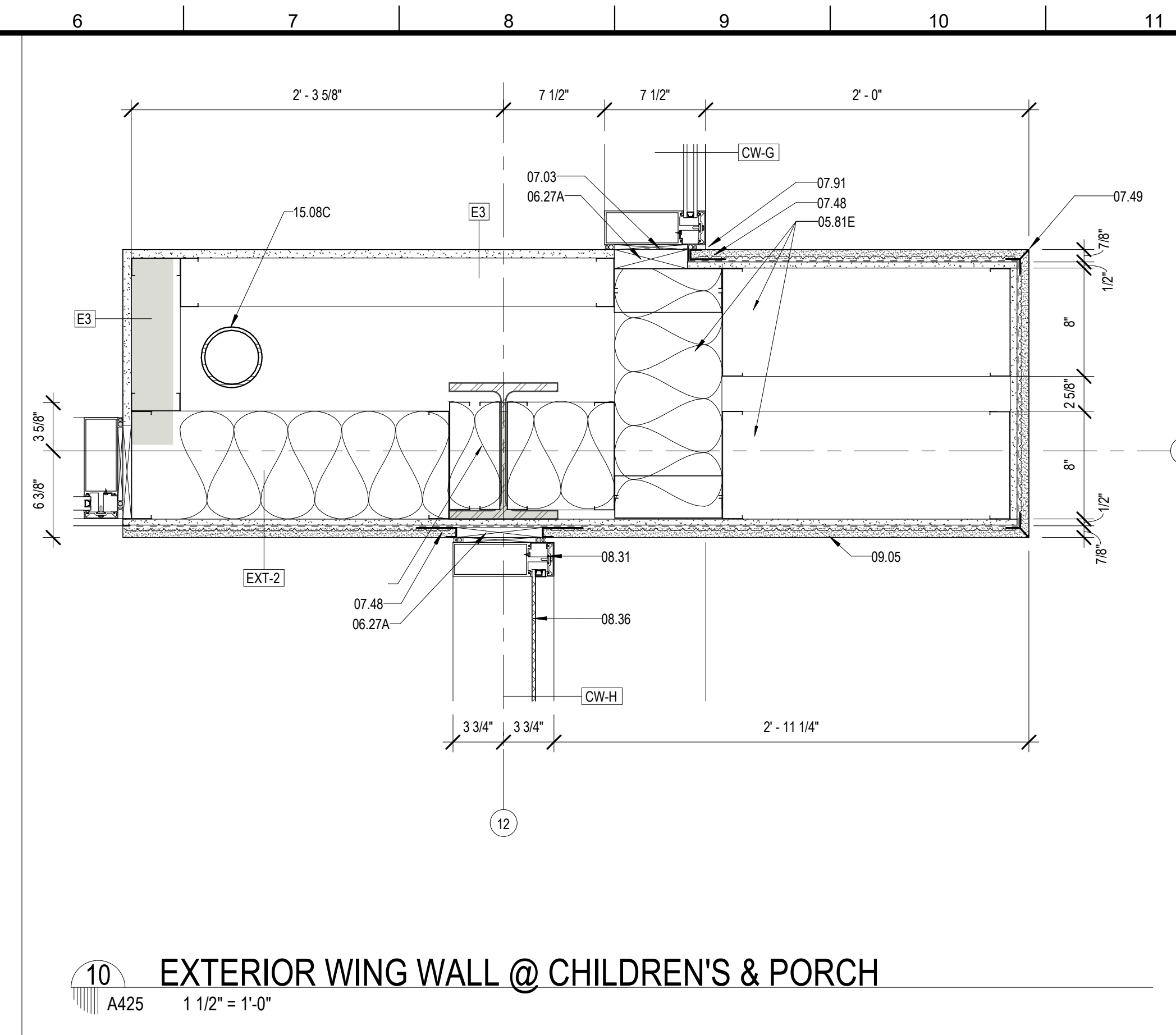
Mathes Brierre + BM
ARCHITECTS + ARCHITECTS BEAZLEY MOLIÈRE
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201 St. Charles Avenue, Forty First Floor
New Orleans, Louisiana 70170-4100
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Lafayette, Louisiana 70503
337.233.0614

PROJECT TITLE
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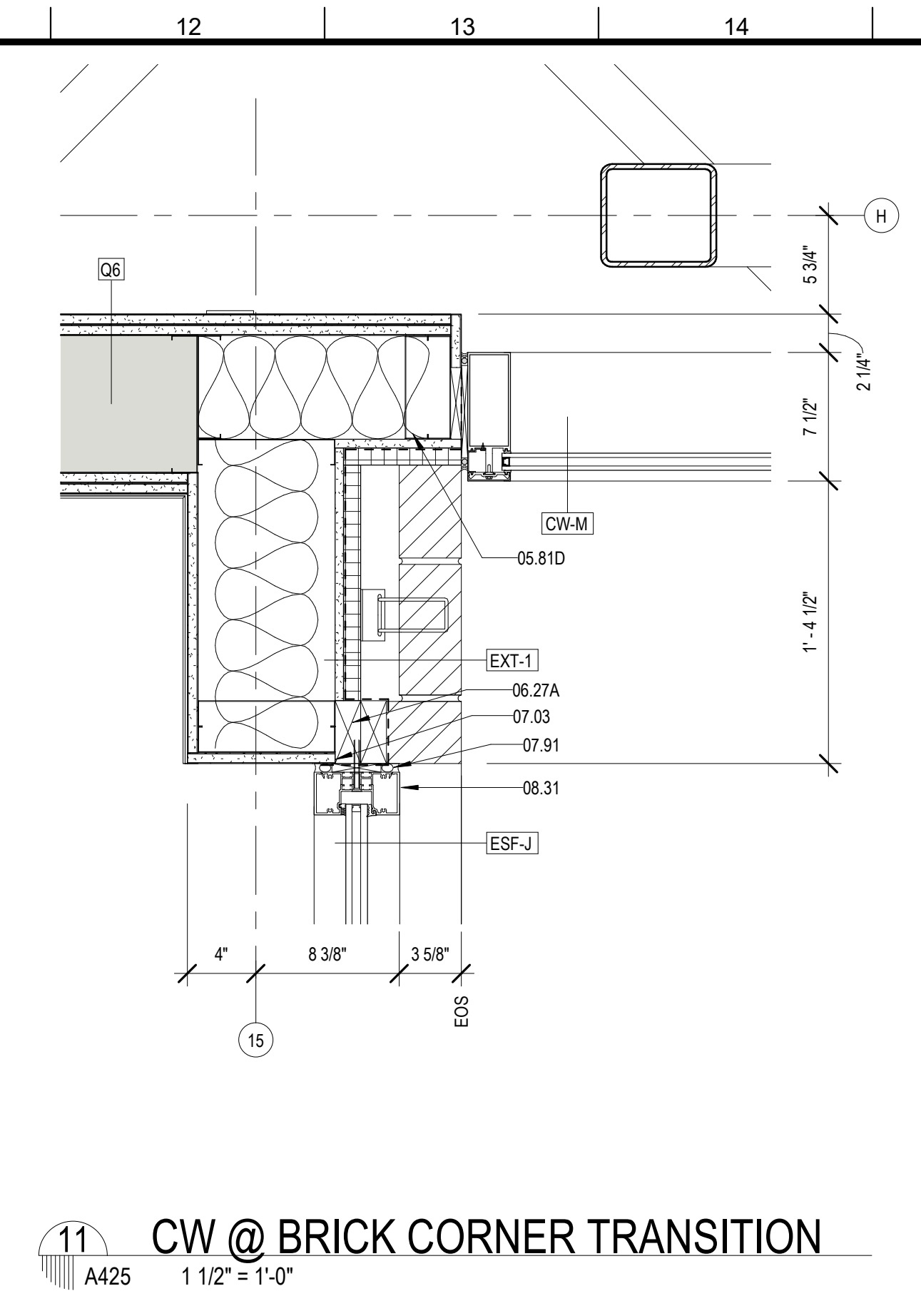
DESIGNED BY	MBA/ABM	CHECKED BY	AM/PP
DRAWN BY	MP/SC/ALB	DATE	05.05.2023
SHEET TITLE ENLARGED SECTION DETAILS			
PROJECT NO.	MBA - 11884	SHEET NO.	A424
	ABM - 201813		



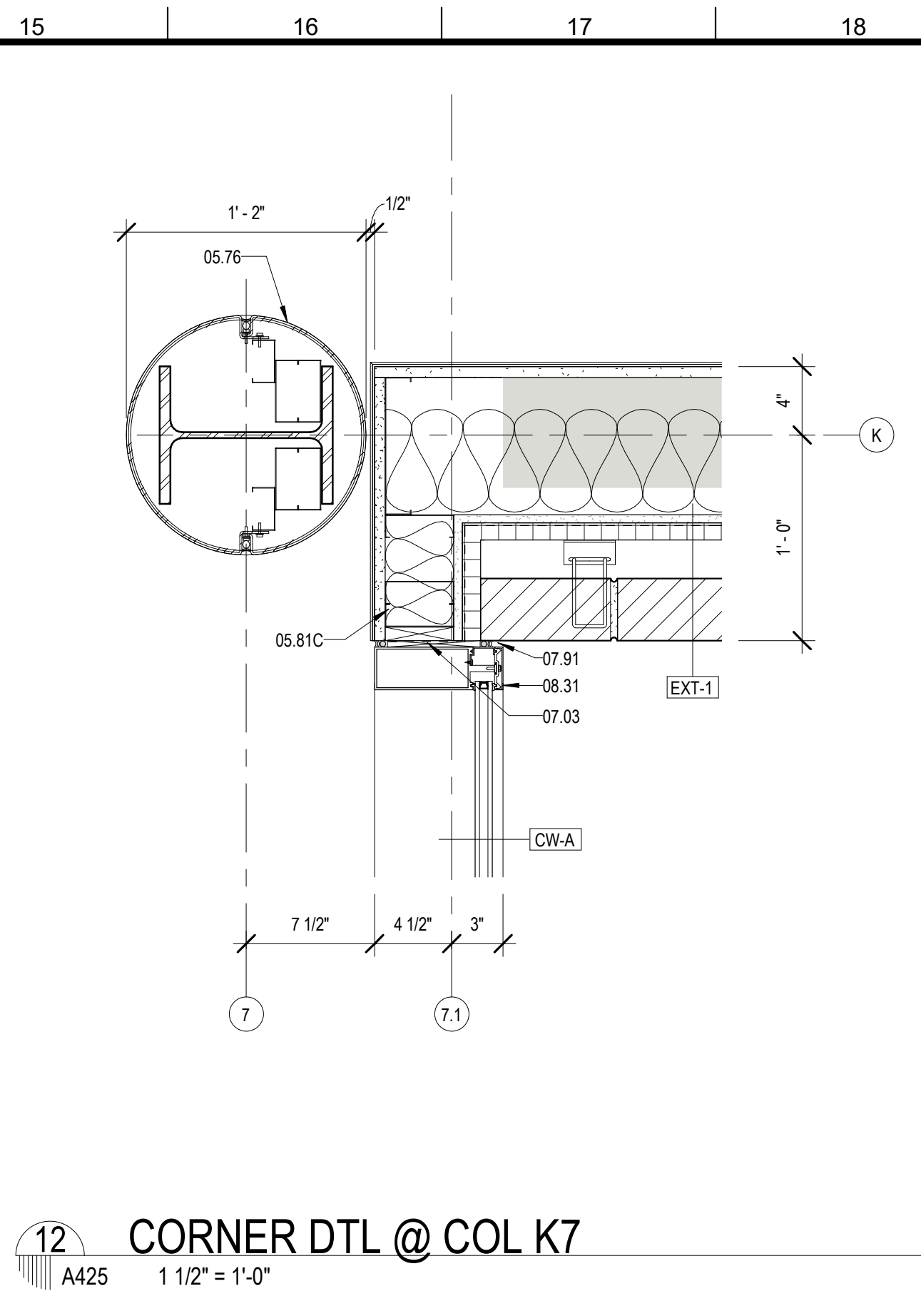
9 EXTERIOR WING WALL @ ADULT'S
A425 1 1/2" = 1'-0"



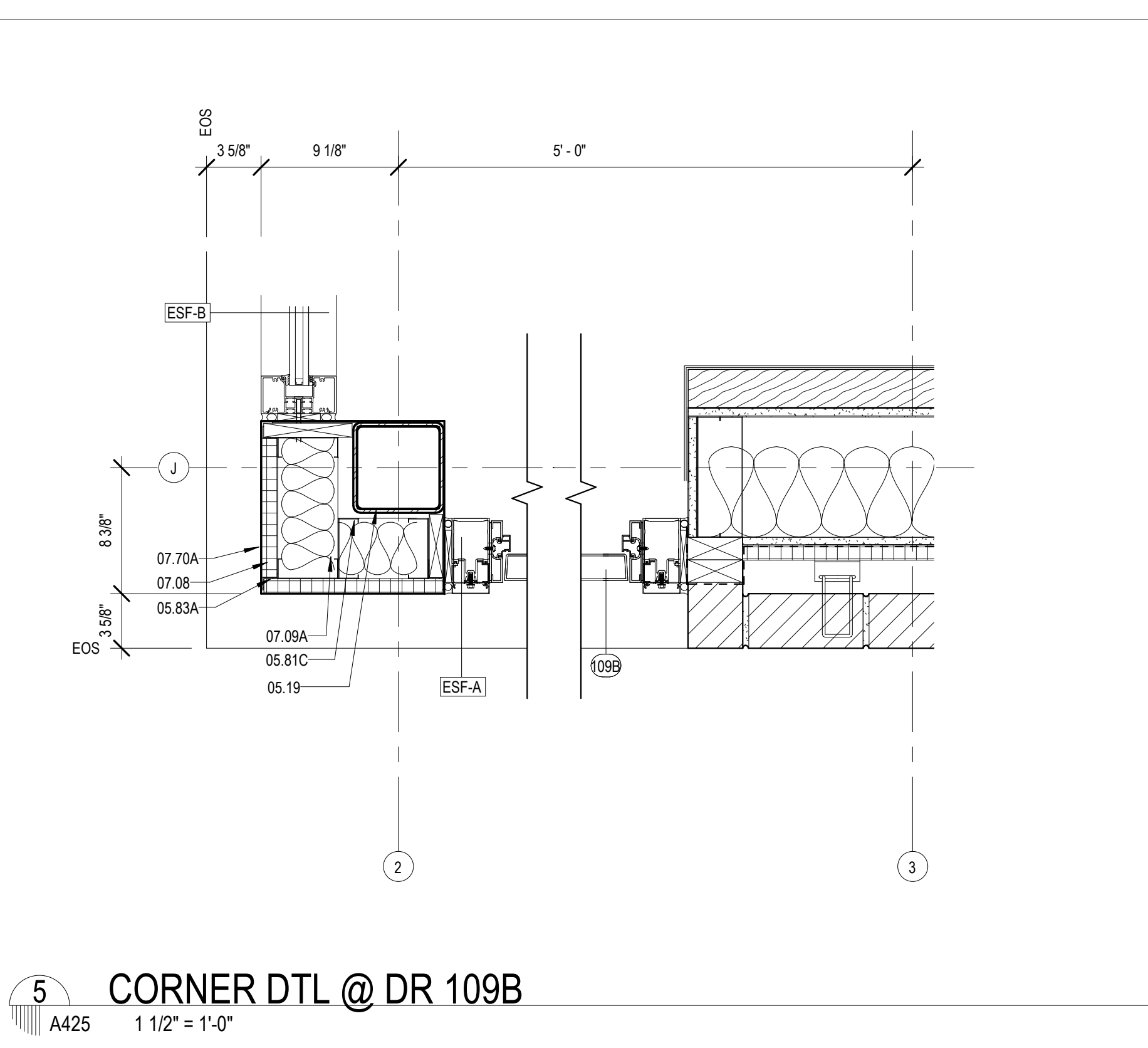
10 EXTERIOR WING WALL @ CHILDREN'S & PORCH
A425 1 1/2" = 1'-0"



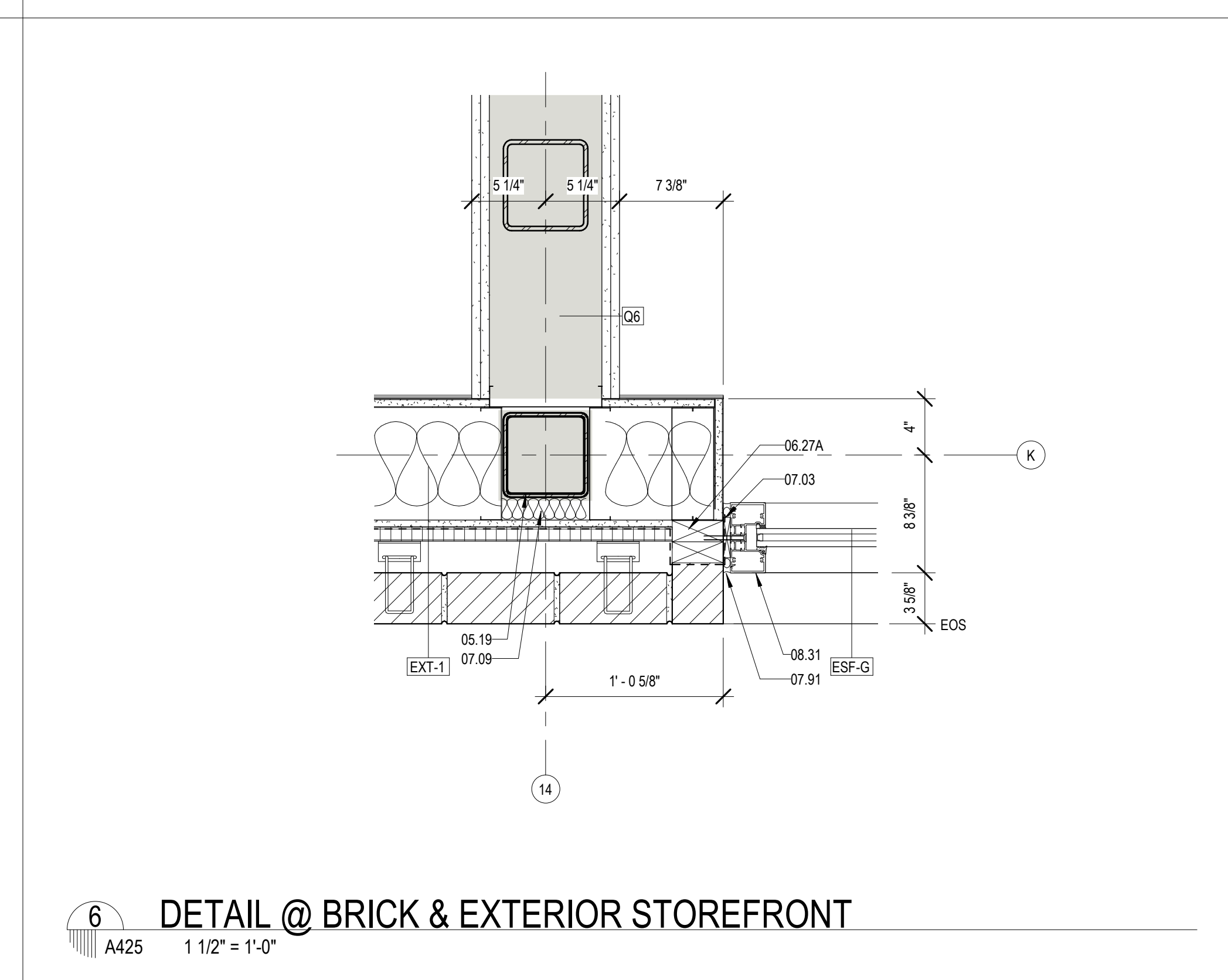
11 CW @ BRICK CORNER TRANSITION
A425 1 1/2" = 1'-0"



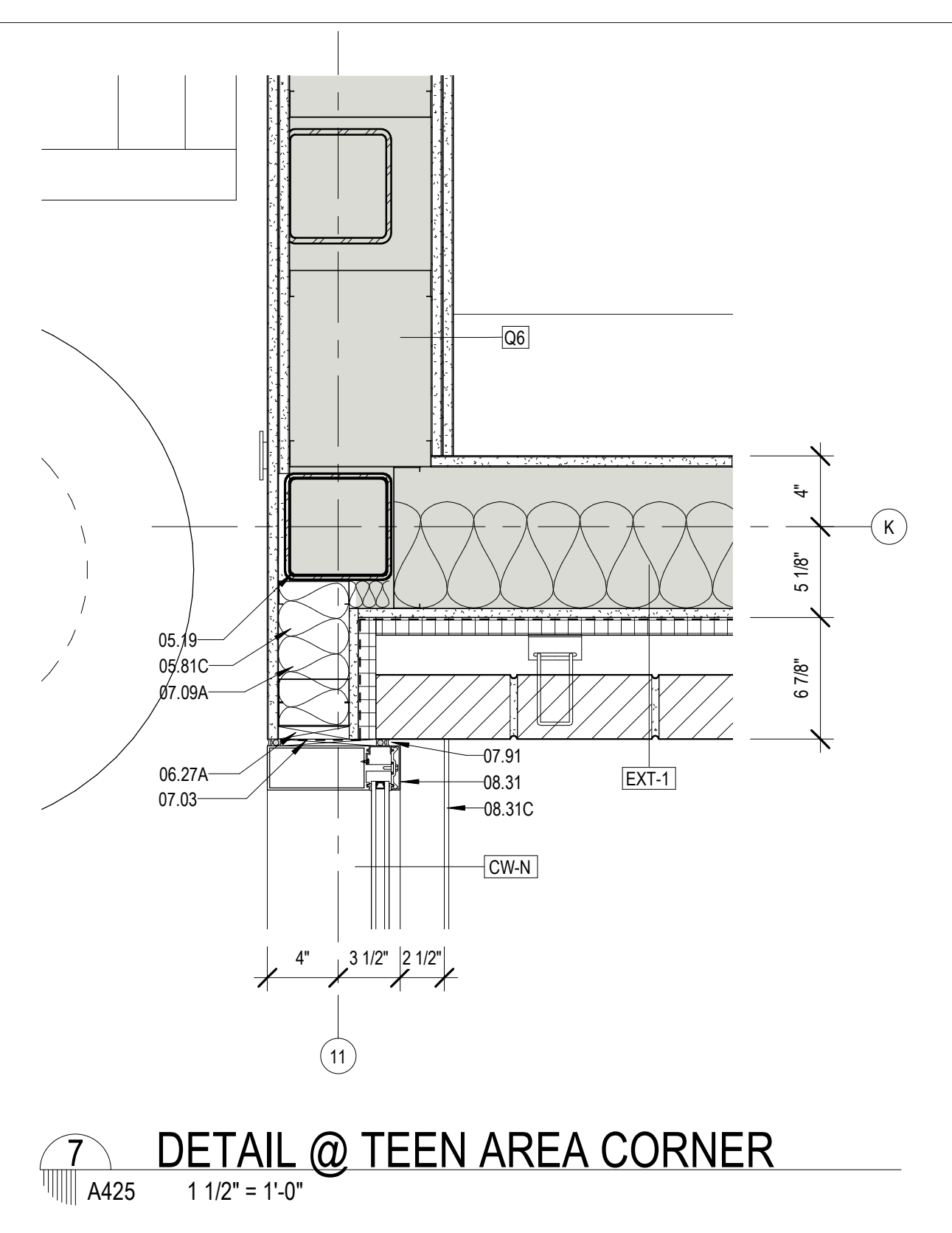
12 CORNER DTL @ COL K7
A425 1 1/2" = 1'-0"



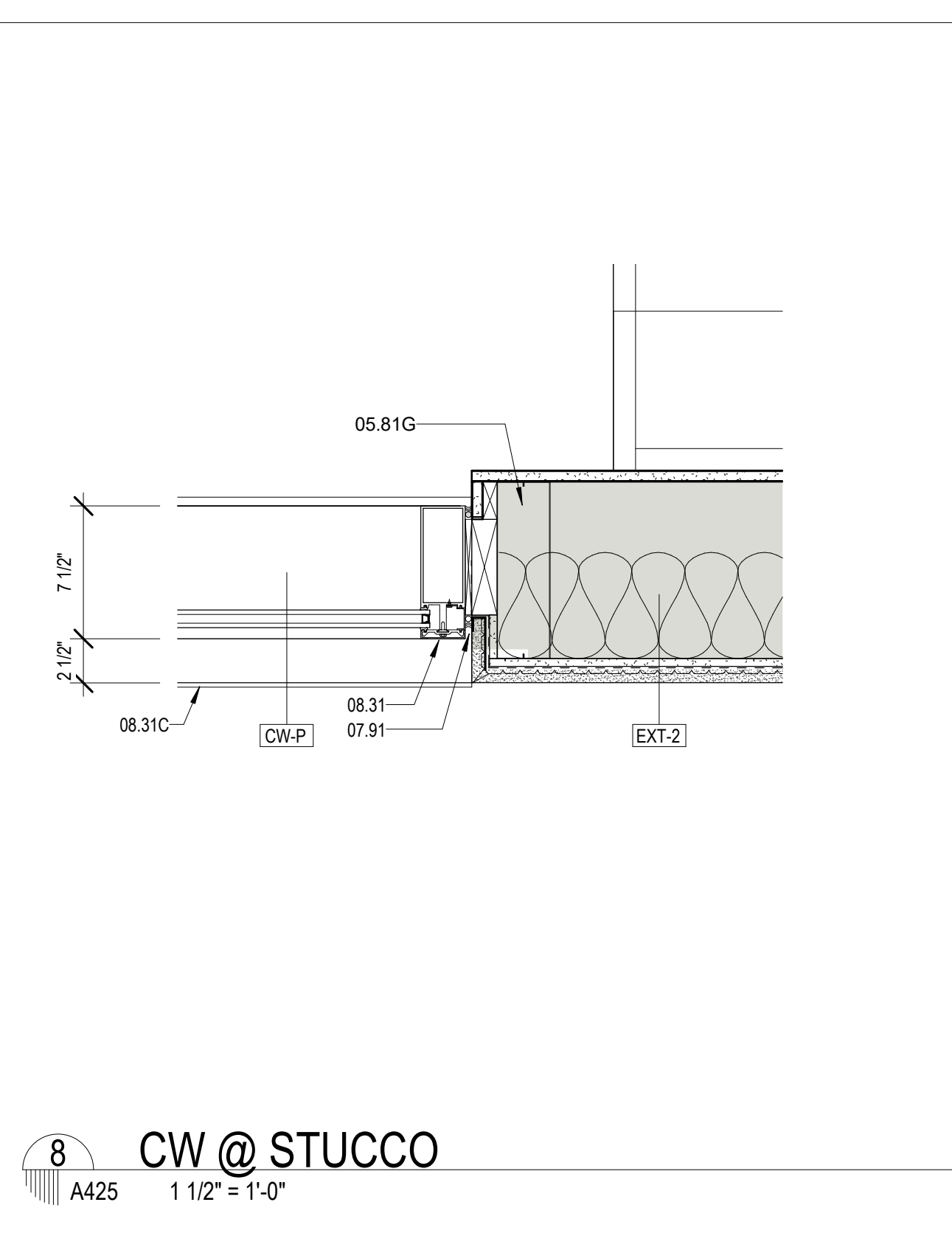
5 CORNER DTL @ DR 109B
A425 1 1/2" = 1'-0"



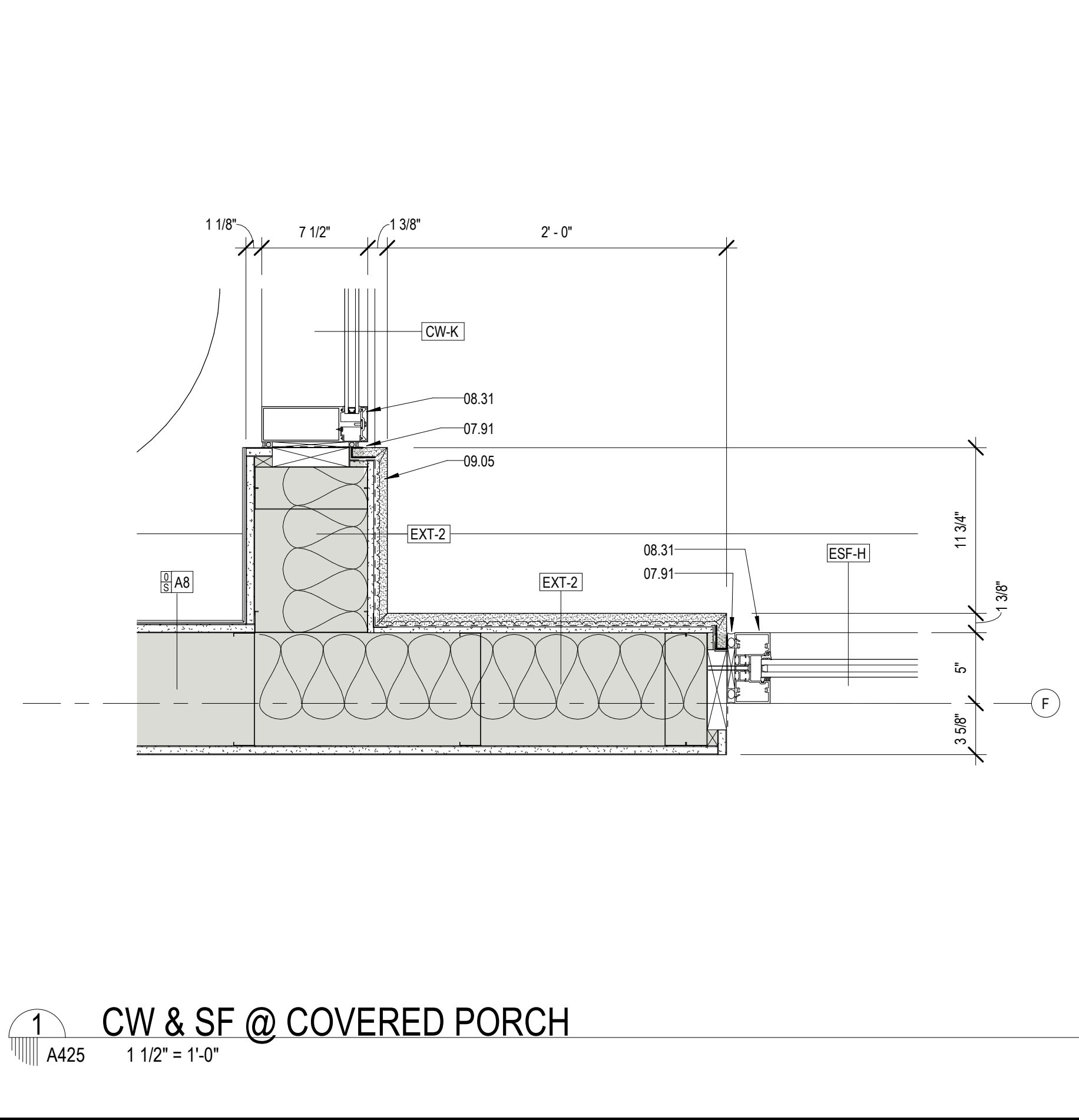
6 DETAIL @ BRICK & EXTERIOR STOREFRONT
A425 1 1/2" = 1'-0"



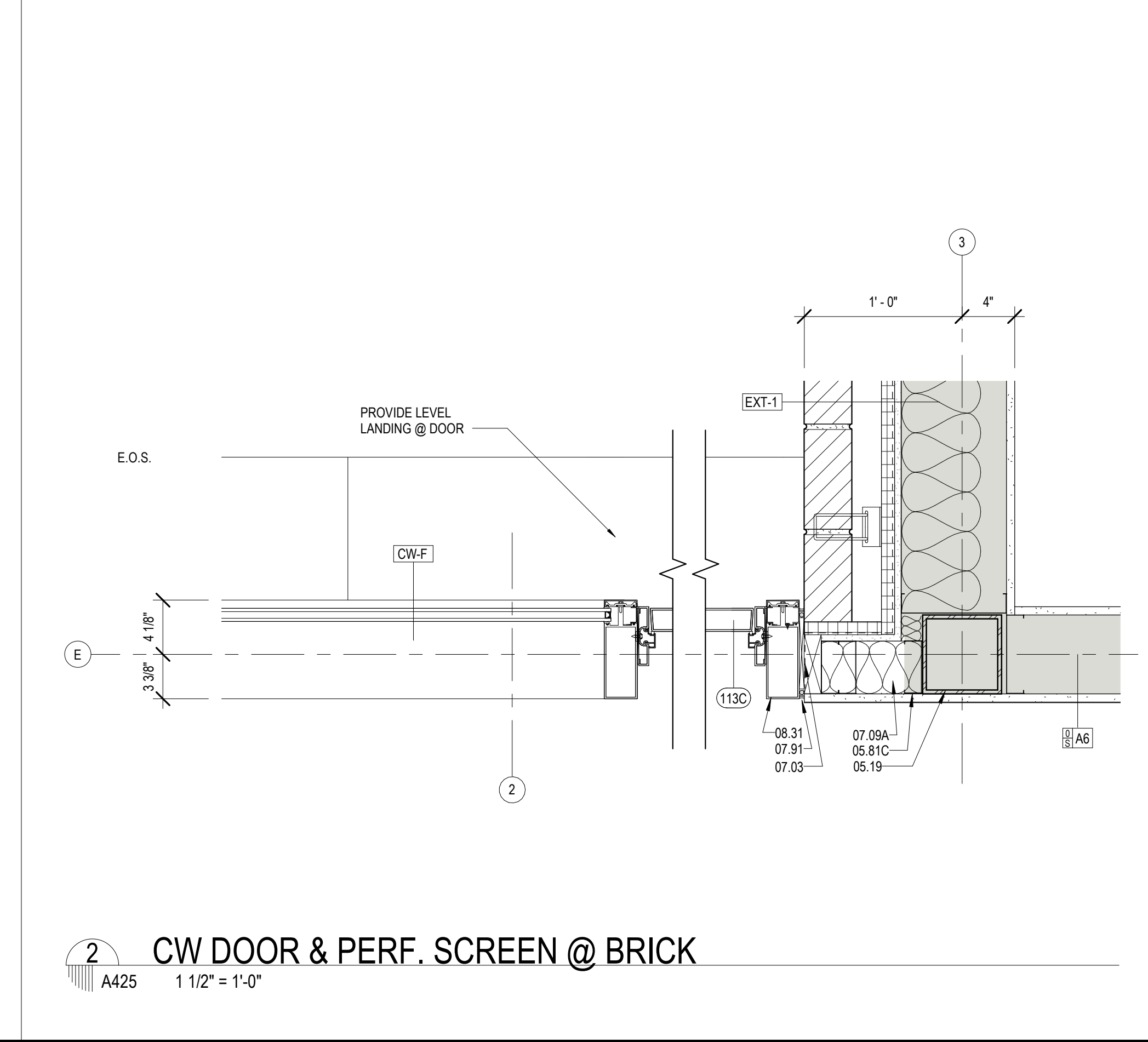
7 DETAIL @ TEEN AREA CORNER
A425 1 1/2" = 1'-0"



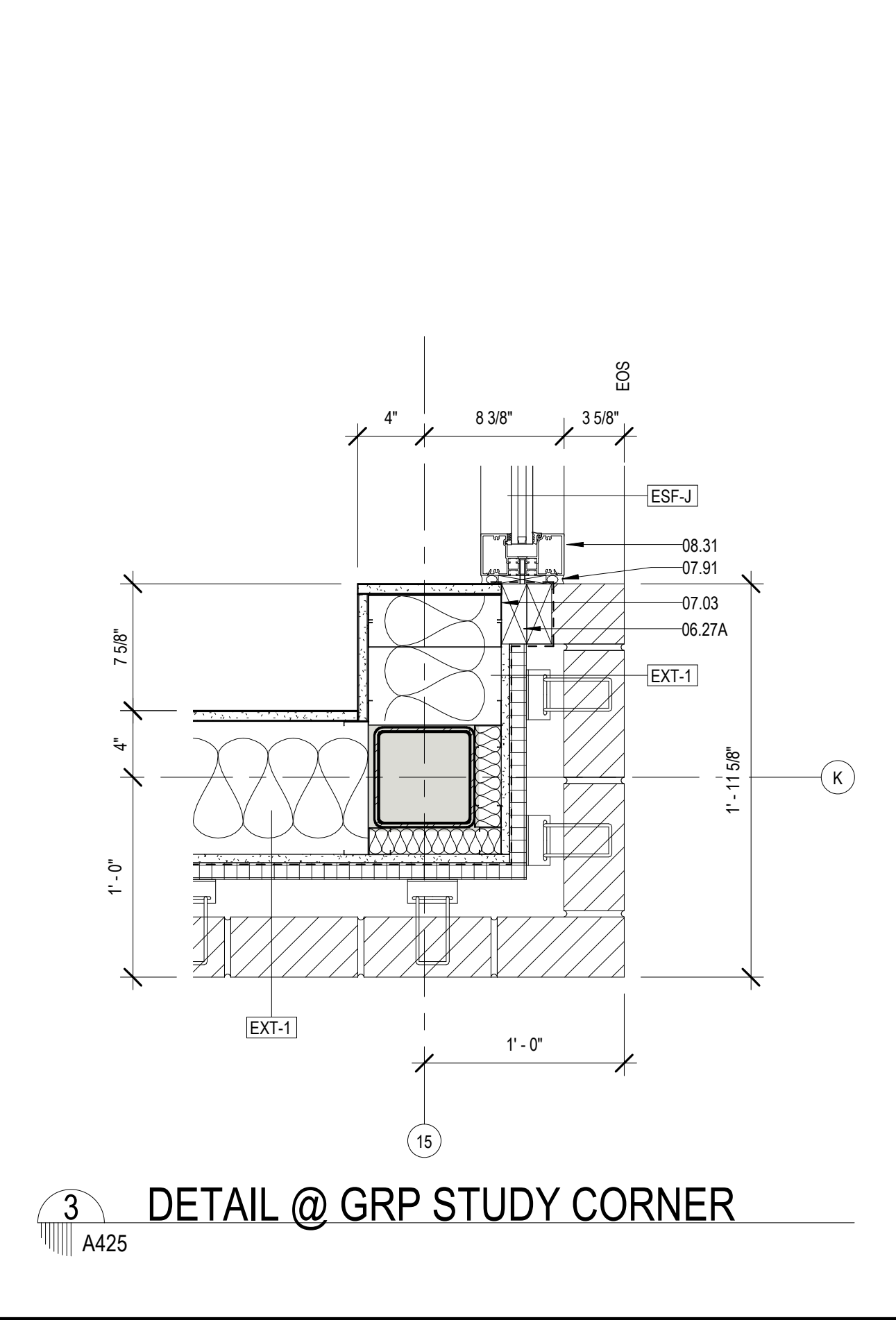
8 CW @ STUCCO
A425 1 1/2" = 1'-0"



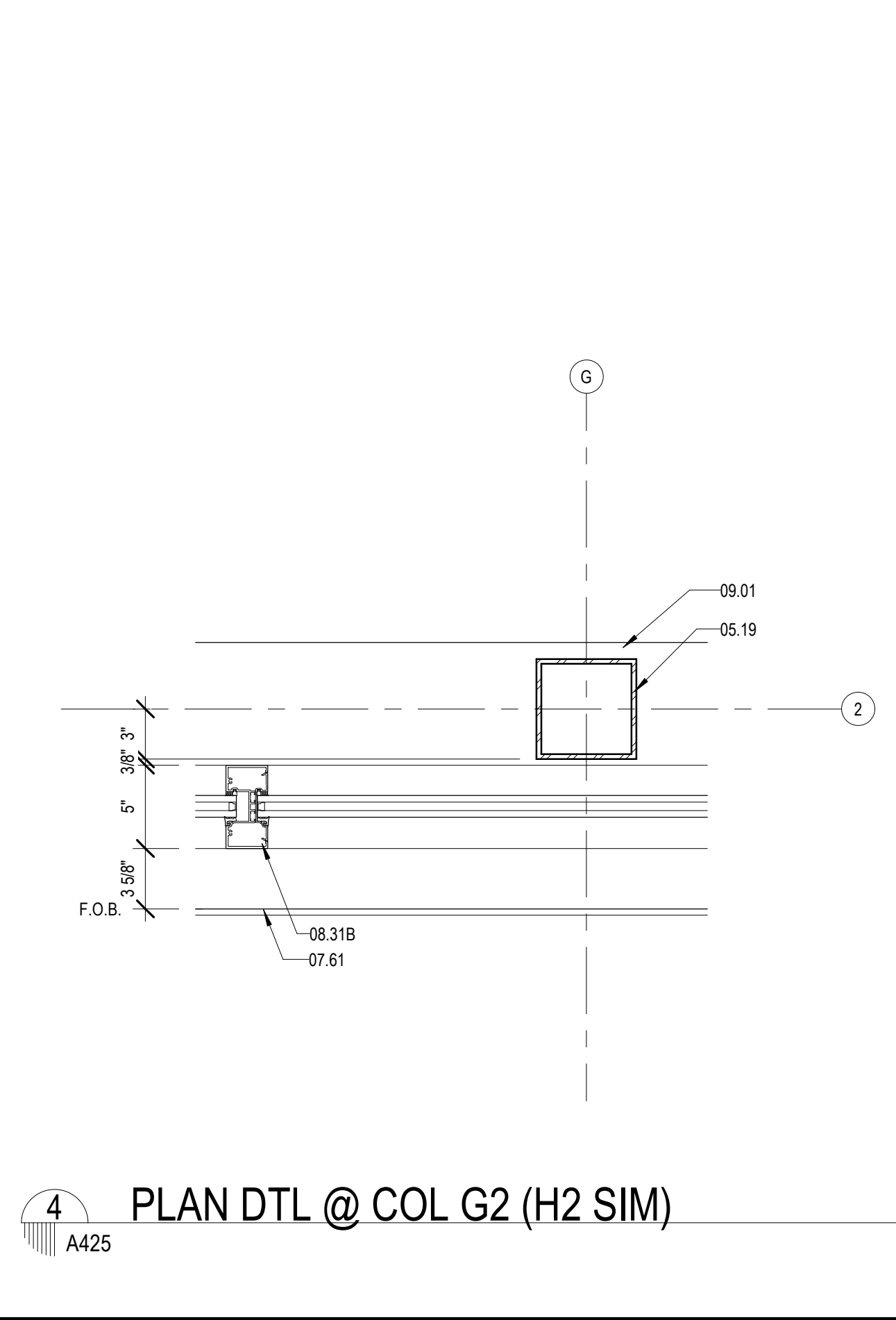
1 CW & SF @ COVERED PORCH
A425 1 1/2" = 1'-0"



2 CW DOOR & PERF. SCREEN @ BRICK
A425 1 1/2" = 1'-0"



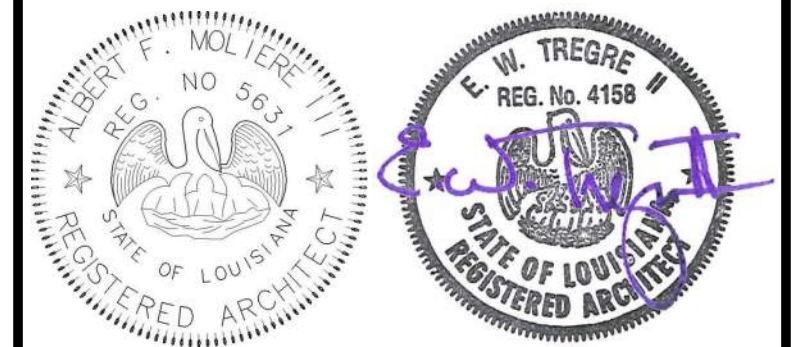
3 DETAIL @ GRP STUDY CORNER
A425 1 1/2" = 1'-0"



4 PLAN DTL @ COL G2 (H2 SIM)
A425 1 1/2" = 1'-0"

MATERIALS KEYING/ GENERAL NOTES

Key Value	Keynote Text
05.19	TUBULAR STEEL COLUMN - RE: STRUCTURAL
05.76	ALUMINUM COLUMN COVER (1 1/8" THK)
05.81C	4" STRUCTURAL STEEL STUDS AT 16" O.C.
05.81D	6" STRUCTURAL STEEL STUDS AT 16" O.C.
05.81E	8" STRUCTURAL STEEL STUDS AT 16" O.C.
05.81G	10" STRUCTURAL STEEL STUDS AT 16" O.C.
05.83A	1" Z-FURRING CHANNEL
06.27A	TREATED WOOD BLOCKING
07.03	MEMBRANE WATERPROOFING (07.27.00)
07.08	1" THICK RIGID WALL INSULATION (07.21.00)
07.09	BATT THERMAL INSULATION (07.21.00)
07.09A	R-11 BATT INSULATION (3 1/2" THK) (07.21.00)
07.48	J-CLOSURE
07.49	CORNER KEY
07.61	METAL FLASHING
07.70A	BREAK METAL COVER - SIZE AS REQUIRED (07.60.00)
07.91	BACKER ROD & SEALANT
08.31	ALUMINUM FRAME (08.40.00)
08.31B	ALUMINUM MULLION (08.40.00)
08.31C	ALUMINUM SILL FLASHING - DAM AT ENDS (08.40.00)
08.36	INSECT SCREEN INFILL PANEL
09.01	RE: SCHEDULE FOR FINISHES
09.05	STUCCO ON METAL LATH (09.22.00)
09.11B	GYPSUM BOARD (5/8" THICK) ADDITIONAL LAYERS WHERE SHOWN
15.08C	ROOF DRAIN LEADER - RE: MECHANICAL (15.14.00)



No.	Description	Date

KEY PLAN

Mathes Brierre + MBM
ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
A JOINT VENTURE

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New Orleans, Louisiana 70170-4100
Voice: 504.586.9303 Fax: 504.582.1305

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337.233.0614

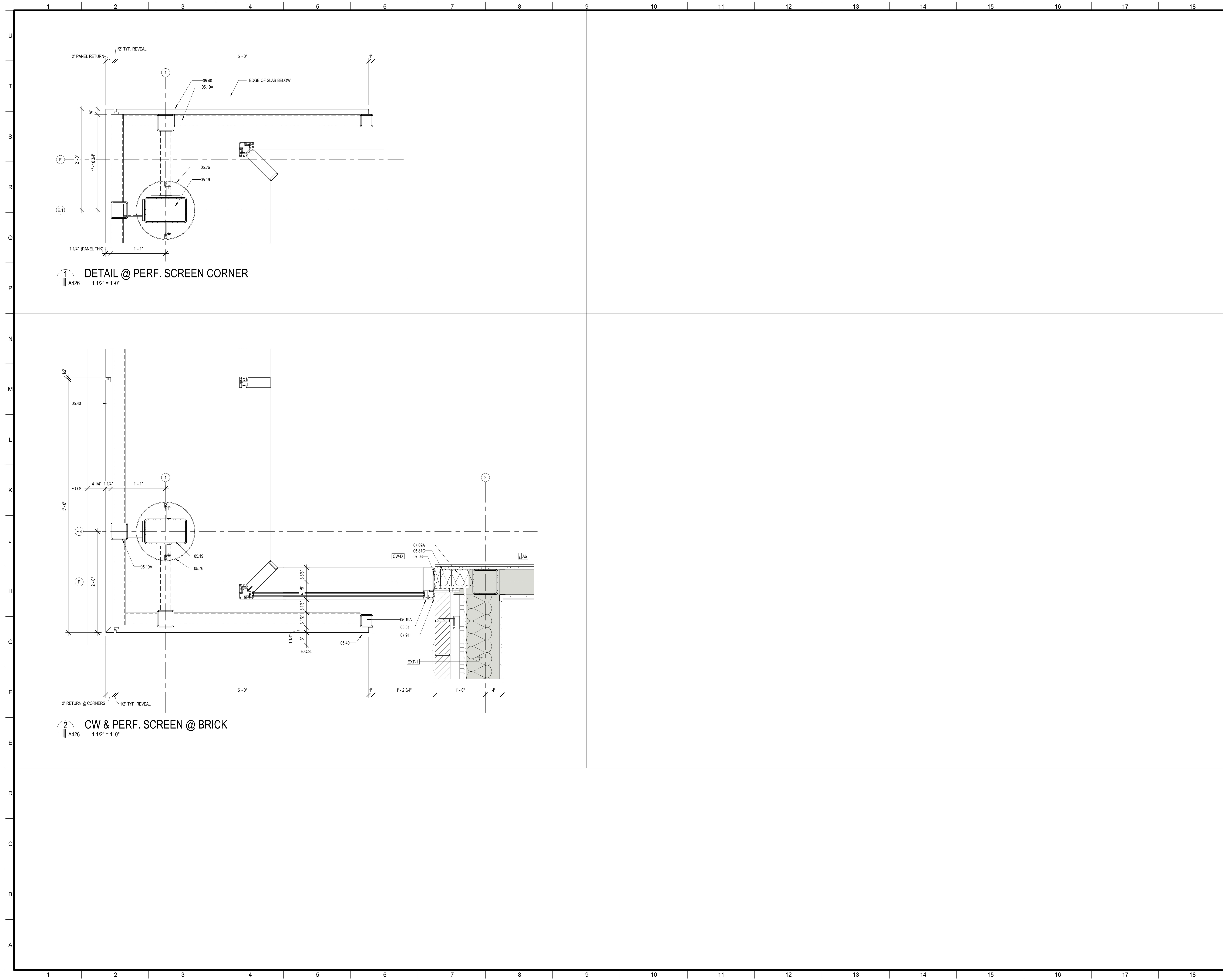
PROJECT TITLE

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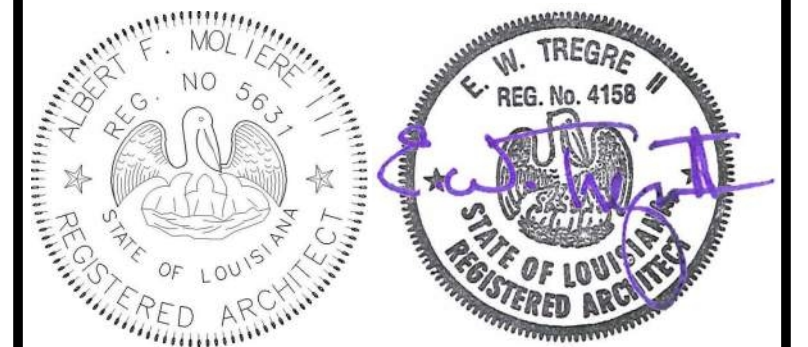
PERMIT DOCUMENTS

DESIGNED BY	MBA/ABM	CHECKED BY	AM/PP
DRAWN BY	MP/SC/ALB	DATE	05.05.2023
SHEET TITLE			
EXTERIOR PLAN DETAILS			
PROJECT NO.	MBA - 11884	SHEET NO.	A425
	ABM - 201813		



MATERIALS KEYING/ GENERAL NOTES

Keynote Legend	
Key Value	Keynote Text
05.19	TUBULAR STEEL COLUMN - RE. STRUCTURAL
05.19A	STEEL TUBE - RE. STRUCTURAL
05.40	PERFORATED STEEL SCREEN (05.70.00)
05.76	ALUMINUM COLUMN COVER (1/8" THK)
05.81C	4" STRUCTURAL STEEL STUDS AT 16" O.C.
07.03	MEMBRANE WATERPROOFING (07.27.26)
07.03A	R-11 BATT INSULATION (3 1/2" THK) (07.21.00)
07.91	BACKER ROD & SEALANT
08.31	ALUMINUM FRAME (08.40.00)



No.	Description	Date

KEY PLAN

Mathes Brierre + /BM
 ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
 A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
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PROJECT TITLE

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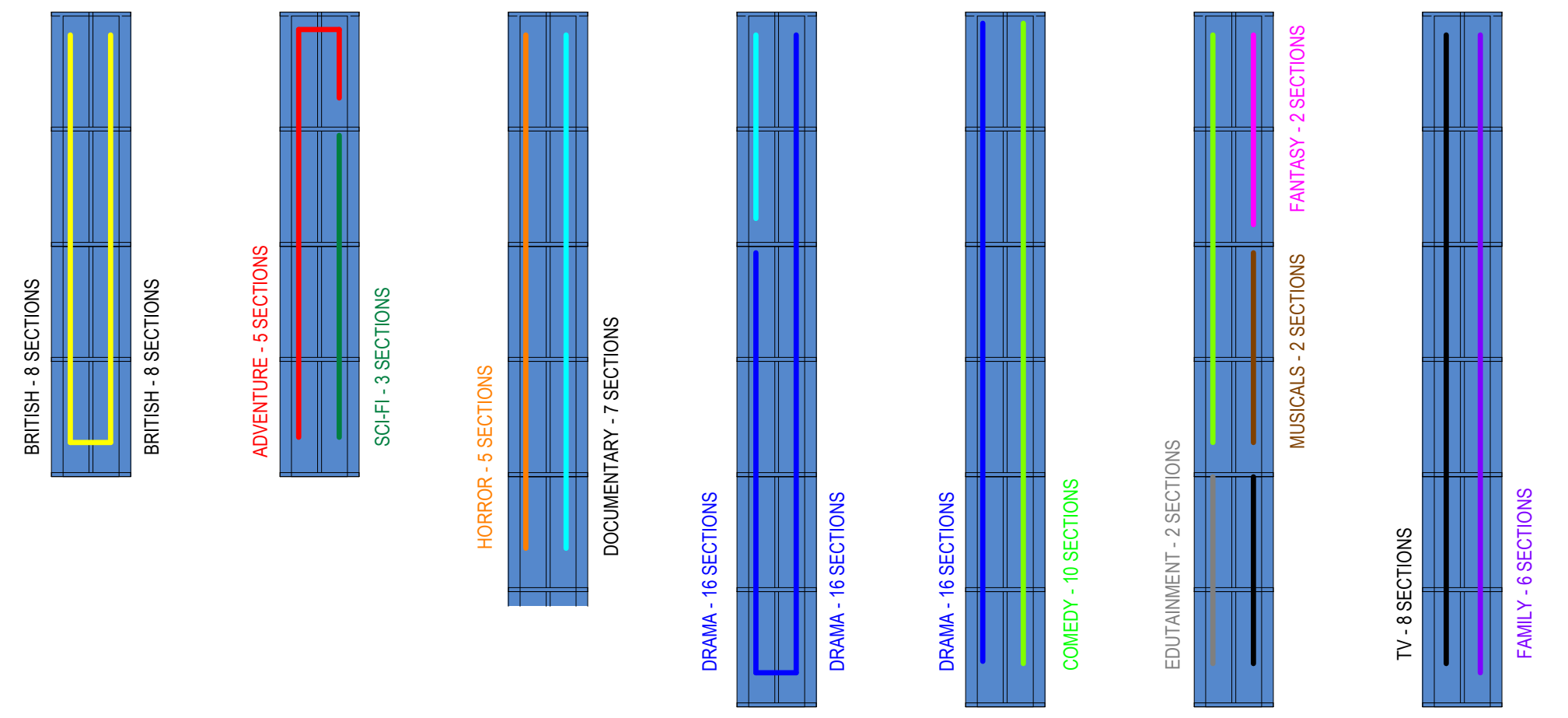
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DESIGNED BY	MBA/ABM	CHECKED BY	AM/PP
DRAWN BY	MP/SC/ALB	DATE	05.05.2023

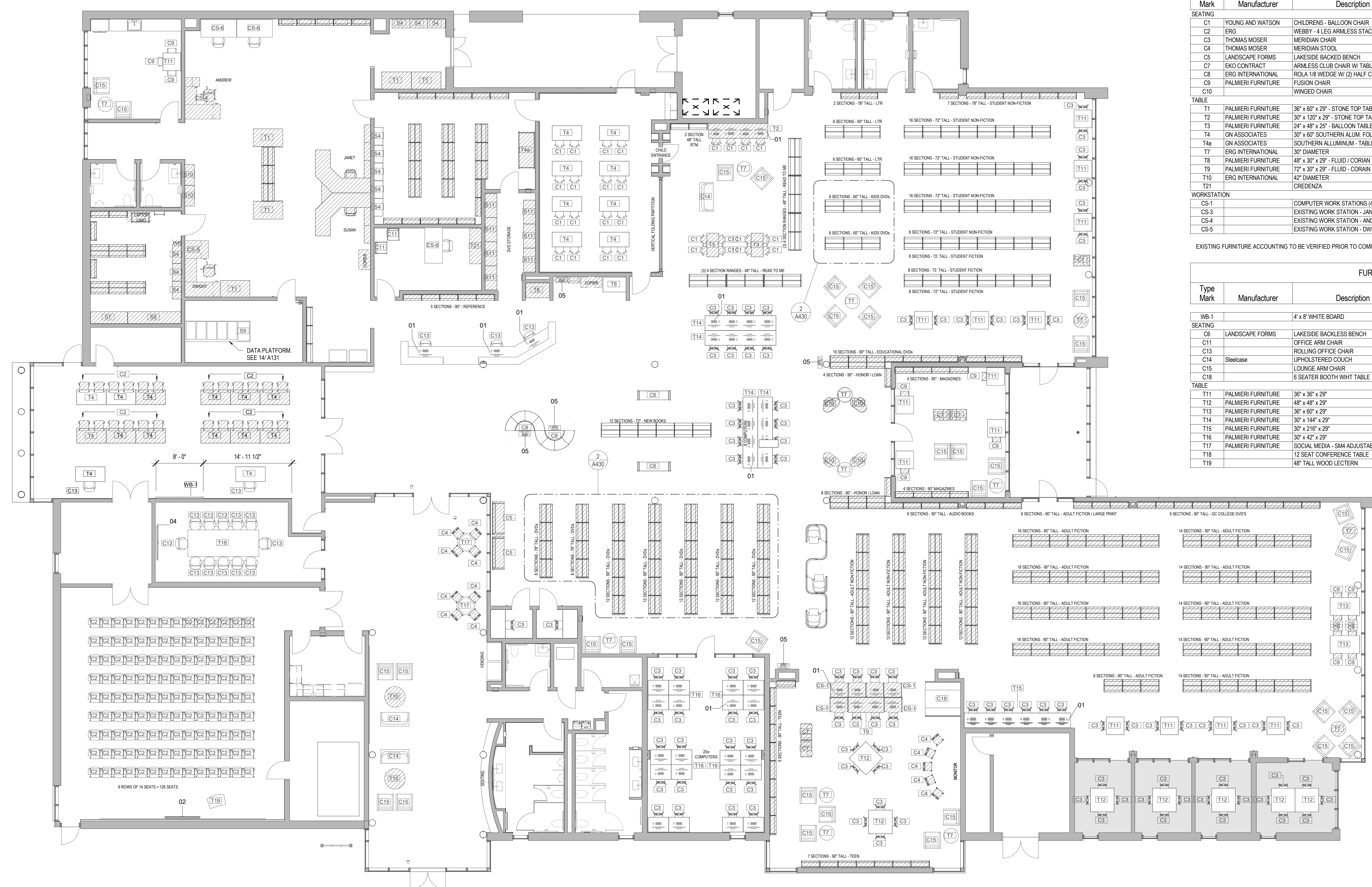
SHEET TITLE

EXTERIOR PLAN DETAILS

PROJECT NO.	MBA - 11884	SHEET NO.	A426
	ABM - 201813		



2 DVD GENRE BREAK DOWN
A430

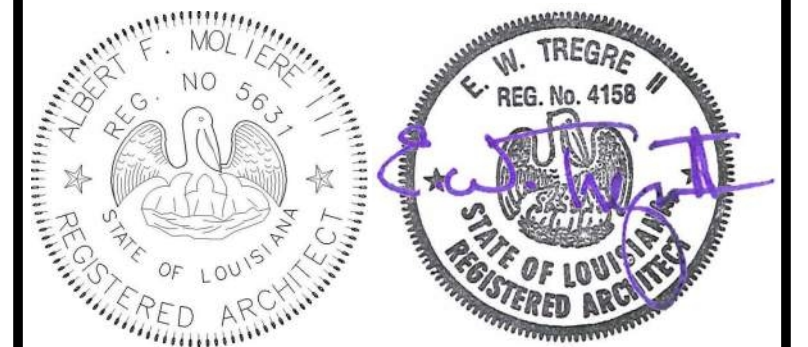


FURNITURE SCHEDULE (EXISTING)						
Type Mark	Manufacturer	Description	Type	Design Count	Existing Count	Current Location
SEATING						
C1	YOUNG AND WATSON	CHILDRENS - BALLOON CHAIR	EXISTING	56	14	12 @ Palmsano & 2 @ Courthouse
C2	ERG	WEBBY - 4 LEG ARMLESS STACKER	EXISTING	340	30	@ Palmsano - Pumpkin / Navy Blue
C3	THOMAS MOSER	MERIDIAN CHAIR	EXISTING	190	24	@ Palmsano
C4	THOMAS MOSER	MERIDIAN STOOL	EXISTING	26	29	@ Palmsano
C5	LANDSCAPE FORMS	LAKESIDE BACKED BENCH	EXISTING	4	2	@ Palmsano
C7	EKO CONTRACT	ARMLESS CLUB CHAIR W/ TABLE	EXISTING	10	5	@ Palmsano
C8	ERG INTERNATIONAL	ROLA 1/8 WEDGE W/ (2) HALF COLUMNS	EXISTING	20	10	@ Palmsano
C9	PALMIERI FURNITURE	FUSION CHAIR	EXISTING	30	16	@ Courthouse
C10	PALMIERI FURNITURE	WINGED CHAIR	EXISTING	10		@ Palmsano
TABLE						
T1	PALMIERI FURNITURE	36" x 60" x 29" - STONE TOP TABLE	EXISTING	10	3	@ Palmsano
T2	PALMIERI FURNITURE	30" x 120" x 29" - STONE TOP TABLE	EXISTING	2	1	@ Palmsano
T3	PALMIERI FURNITURE	24" x 48" x 25" - BALLOON TABLE	EXISTING	4	2	@ Palmsano
T4	GN ASSOCIATES	30" x 60" SOUTHERN ALUM FOLDING TABLE	EXISTING	64	10	@ Palmsano
T4a	GN ASSOCIATES	SOUTHERN ALUMINUM - TABLE TRUCK RACK	EXISTING	1		@ Palmsano
T7	ERG INTERNATIONAL	30" DIAMETER	EXISTING	27	4	@ Palmsano
T8	PALMIERI FURNITURE	48" x 30" x 29" - FLUID / CORIAN TOP	EXISTING	4	1	@ Courthouse
T9	PALMIERI FURNITURE	72" x 30" x 29" - FLUID - CORIAN TOP	EXISTING	2	1	@ Courthouse
T10	ERG INTERNATIONAL	42" DIAMETER	EXISTING	4	3	@ Courthouse
T1	PALMIERI FURNITURE	42" DIAMETER	EXISTING	2	1	@ Palmsano
WORKSTATION						
CS-1		COMPUTER WORK STATIONS (4)	EXISTING	12	6	@ Palmsano
CS-3		EXISTING WORK STATION - JANET & SUSAN	EXISTING	2	1	@ Palmsano
CS-4		EXISTING WORK STATION - ANDREW	EXISTING	2	1	@ Palmsano
CS-5		EXISTING WORK STATION - DWIGHT	EXISTING	2	1	@ Palmsano

FURNITURE SCHEDULE (NEW)						
Type Mark	Manufacturer	Description	Type	Design Count	Existing Count	Current Location
WB-1		4' x 8' WHITE BOARD	NEW	1		
SEATING						
C6	LANDSCAPE FORMS	LAKESIDE BACKLESS BENCH	NEW	4		
C11		OFFICE ARM CHAIR	NEW	4		
C13		ROLLING OFFICE CHAIR	NEW	42		
C14	Steelcase	UPHOLSTERED COUCH	NEW	6		
C15		LOUNGE ARM CHAIR	NEW	64		
C18		6 SEATER BOOTH WHIT TABLE	NEW	2		
TABLE						
T11	PALMIERI FURNITURE	36" x 36" x 29"	NEW	30		
T12	PALMIERI FURNITURE	48" x 48" x 29"	NEW	12		
T13	PALMIERI FURNITURE	36" x 60" x 29"	NEW	4		
T14	PALMIERI FURNITURE	30" x 144" x 29"	NEW	8		
T15	PALMIERI FURNITURE	30" x 216" x 29"	NEW	2		
T16	PALMIERI FURNITURE	30" x 42" x 29"	NEW	40		
T17	PALMIERI FURNITURE	SOCIAL MEDIA - 5MM ADJUSTABLE TABLE	NEW	4		
T18	PALMIERI FURNITURE	12 SEAT CONFERENCE TABLE	NEW	2		
T19		48" TALL WOOD LECTERN	NEW	2		

EQUIPMENT SCHEDULE	
Type Mark	Description
01	EXISTING COMPUTER & MONITOR
02	NEW 70" TV MONITOR
03	EXISTING NEC SIGNAGE TV
04	EXISTING PROMETHAN VIDEO BOARD
05	EXISTING PAC STATION

DIAGONAL HATCH DEPICTS EXISTING FURNITURE PROVIDED BY THE OWNER



No.	Description	Date

KEY PLAN

Mathes Brierre + IBM
ARCHITECTS + ARCHITECTS/BEAZLEYMOLIERE
A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
New Orleans, Louisiana 70170-4100
Voice: 504-586-9300 Fax: 504-582-1305

300 Heymann Blvd.
Lafayette, Louisiana 70503
337.233.0614

PROJECT TITLE

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DESIGNED BY	MBA/ABM	CHECKED BY	AM/PP
DRAWN BY	CF/RZ	DATE	05.05.2023

SHEET TITLE
FURNITURE & SHELVING PLANS

PROJECT NO. MBA - 11884
SHEET NO. ABM - 201813 **A430**

FOR INFORMATIONAL PURPOSES ONLY. FINAL FURNITURE LAYOUT TO BE VERIFIED AND CONFIRMED WITH LIBRARY STAFF

1 FURNITURE / SHELVING PLAN
A430 1/8" = 1'-0"

FINISH SCHEDULE table with columns: ROOM NUMBER, ROOM NAME, FLOOR, BASE, CEILING, WALLS (PLAN N, S, E, W), MILLWORK, REMARKS. Rows include LOBBY, CORRIDOR, FAMILY RR, MENS, HVAC, JAN, WOMENS, KITCHENETTE, MEETING ROOM, etc.

FINISH LEGEND - BASIS OF DESIGN table with columns: KEY NAME, DESCRIPTION, MANUFACTURER, NAME, COLOR/FINISH/SIZE, COMMENTS. Rows include ACUSTIC LIGHTING, CEILING, COLUMN COVERS, FLOOR, MILLWORK, WALL BASE, WALLS, etc.

FINISH GENERAL NOTES
ALL RESTROOM WALLS TO BE PAINTED PT-2.
REFER TO FINISH SCHEDULE FOR PAINT LOCATIONS.
ALL OTHER WALLS TO BE PAINTED PT-1 UNLESS NOTED OTHERWISE.
ALL EXPOSED STRUCTURE TO BE PAINTED PT-8.
REFER TO INTERIOR DETAIL SHEETS FOR TRANSITION DETAILS.

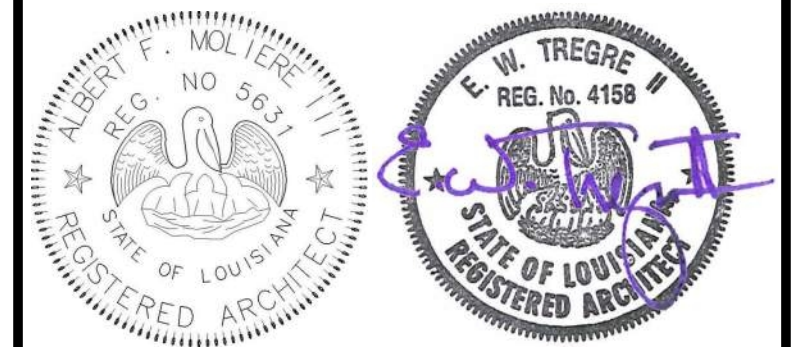


Table with columns: No., Description, Date. Contains a few rows of data.

KEY PLAN
[Blank area for key plan]

Mathes Brierre + /BM ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE A JOINT VENTURE
201 St. Charles Avenue, Forty First Floor
New Orleans, Louisiana 70170-4100
Voice: 504. 586. 9303. Fax: 504. 582. 1305
300 Heymann Blvd.
Lafayette, Louisiana 70503
337.233.0614



PROJECT TITLE
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ST. BERNARD PARISH

PERMIT DOCUMENTS table with columns: DESIGNED BY, CHECKED BY, DRAWN BY, DATE, SHEET TITLE, PROJECT NO., SHEET NO. Values include MBA/ABM, AM/PP, CF/FA, 05.05.2023, FINISH SCHEDULE / LEGEND / INFORMATION, MBA - 11884, ABM - 201813, A600.



FLOOR FINISH PLAN LEGEND	
	CPT-1, CARPET TILE FLOORING
	CPT-2, CARPET TILE FLOORING
	CPT-3, CARPET TILE FLOORING
	LVT-1, LUXURY VINYL TILE
	LVT-2, LUXURY VINYL TILE
	TL-1, PORCELAIN TILE FLOORING
	TL-2, PORCELAIN TILE FLOORING
	SC-1, SEALED CONCRETE
REFER TO INTERIOR DETAIL SHEETS FOR TRANSITION DETAILS.	

MATERIALS KEYING/ GENERAL NOTES

No.	Description	Date

KEY PLAN

Mathes Brierre + BM
ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
New Orleans, Louisiana 70170-4100
Voice: 504.586.9303 Fax: 504.582.1305

300 Heymann Blvd.
Lafayette, Louisiana 70503
337.233.0614

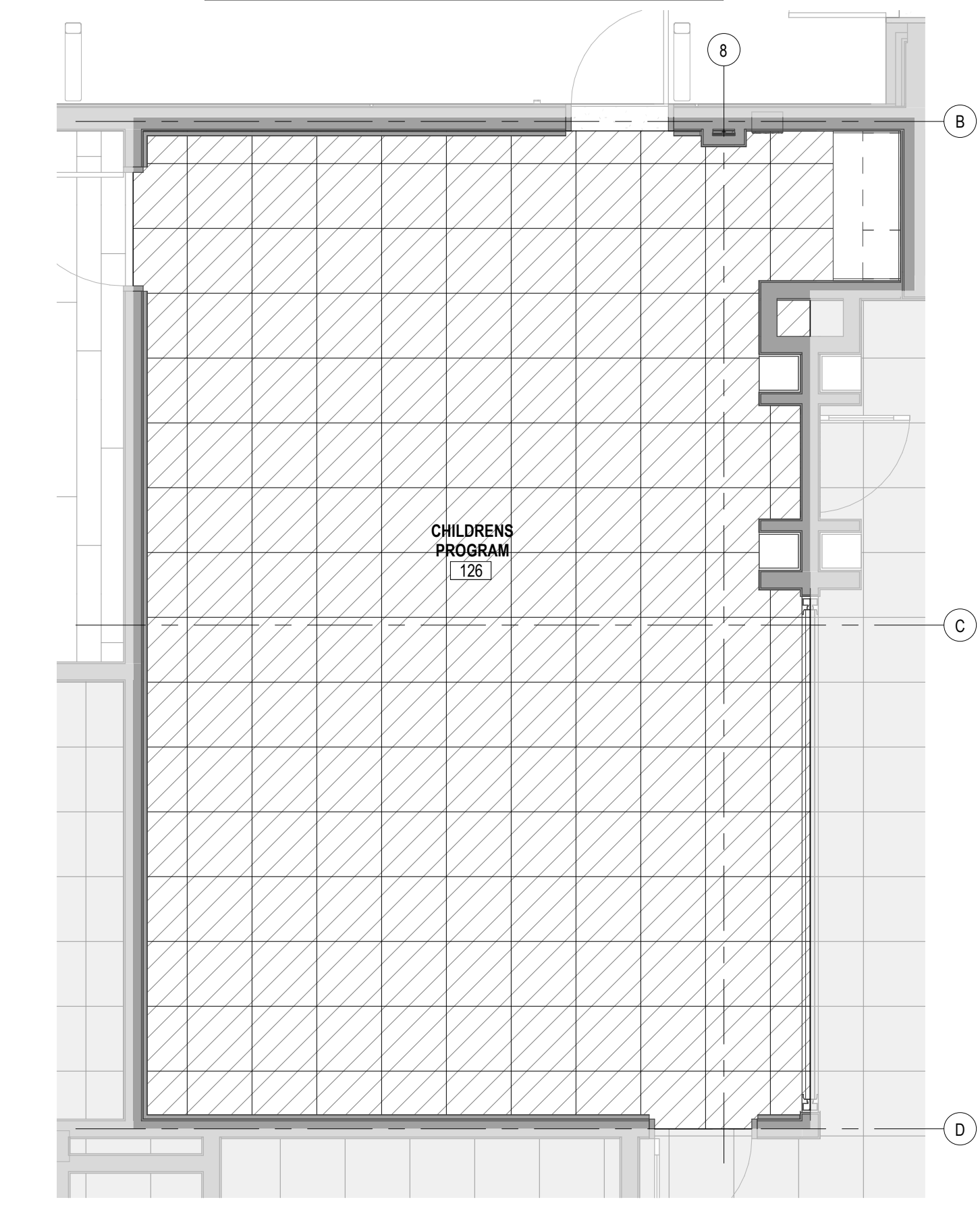
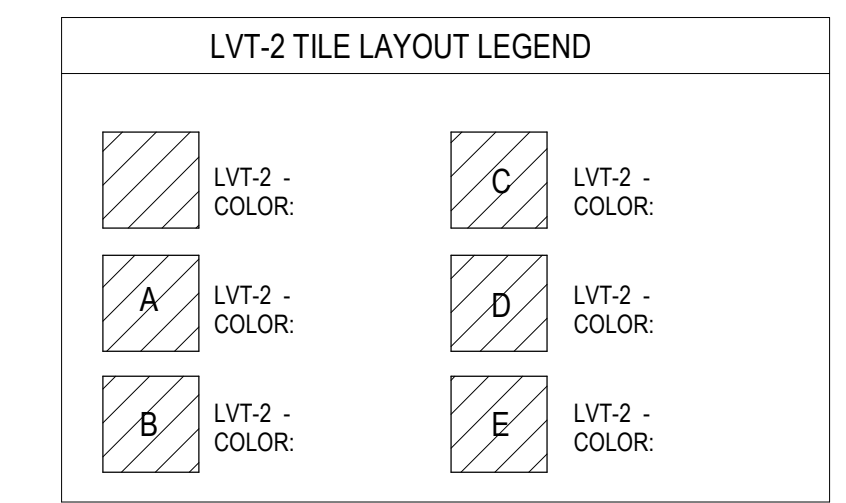
PROJECT TITLE

ST. BERNARD PARISH PUBLIC LIBRARY

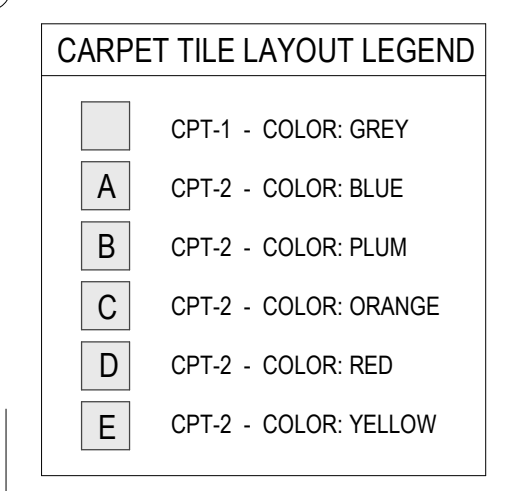
ST. BERNARD PARISH

PERMIT DOCUMENTS

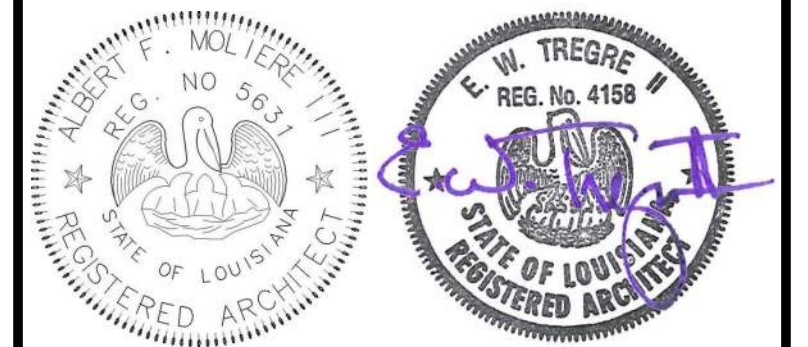
DESIGNED BY MBA/ABM	CHECKED BY AM/PP
DRAWN BY CF/FA	DATE 05.05.2023
SHEET TITLE FLOOR FINISH PLAN	
PROJECT NO. MBA - 11884 ABM - 201813	SHEET NO. A601



2 LVT TILE LAYOUT PLAN
A602 1/4" = 1'-0"



1 CARPET TILE LAYOUT PLAN
A602 1/8" = 1'-0"



No.	Description	Date

KEY PLAN

Mathes Brierre + /BM
ARCHITECTS ARCHITECTS/BEAZLEY/MOLIERE
A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
New Orleans, Louisiana 70170-4100
Voice: 504-586-9300 Fax: 504-582-1305

300 Heymann Blvd.
Lafayette, Louisiana 70503
337.233.0614

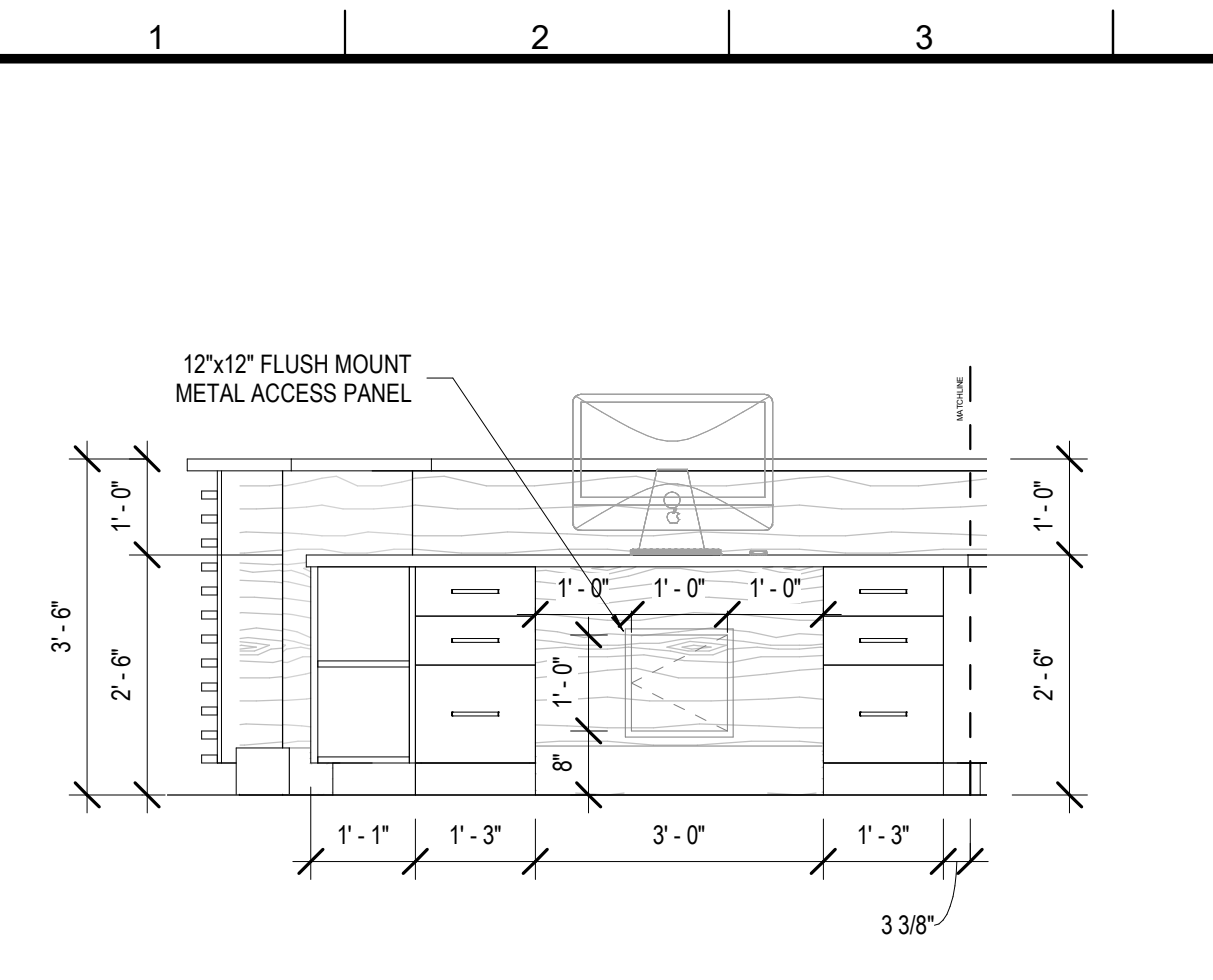
PROJECT TITLE

ST. BERNARD PARISH PUBLIC LIBRARY

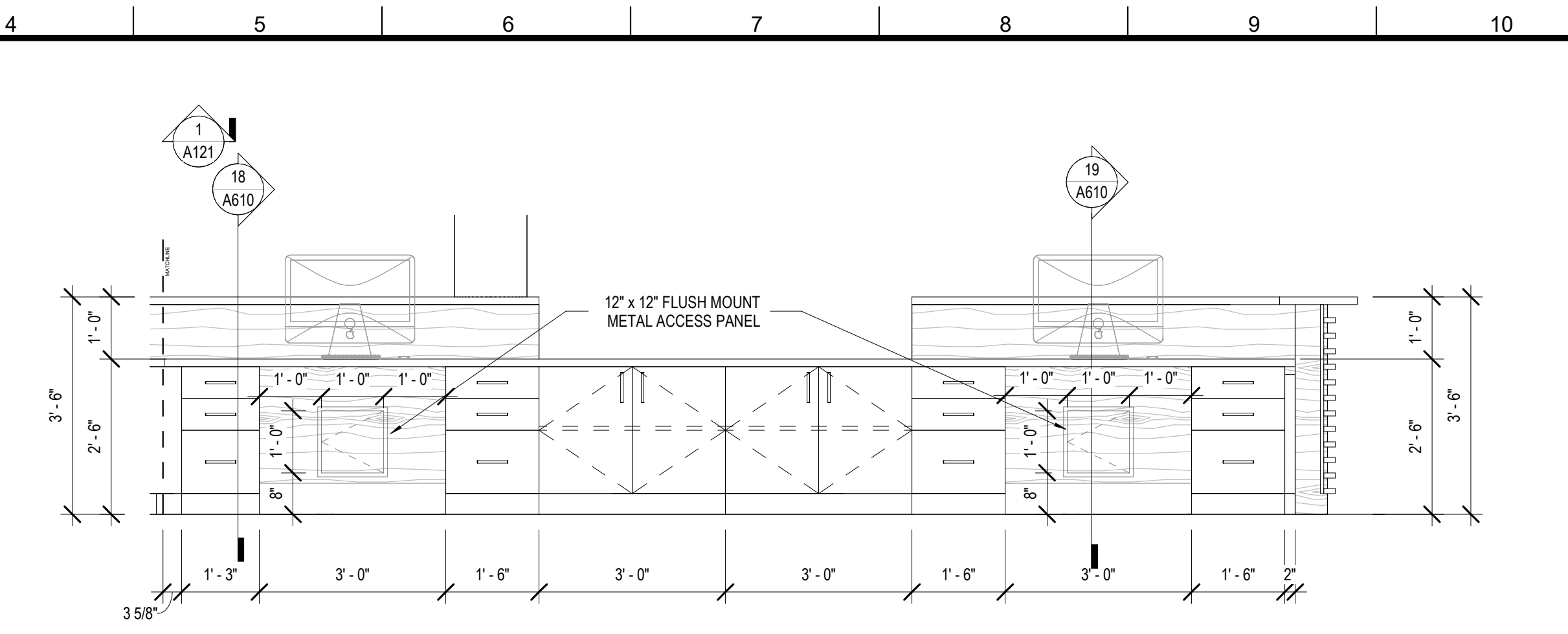
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PERMIT DOCUMENTS

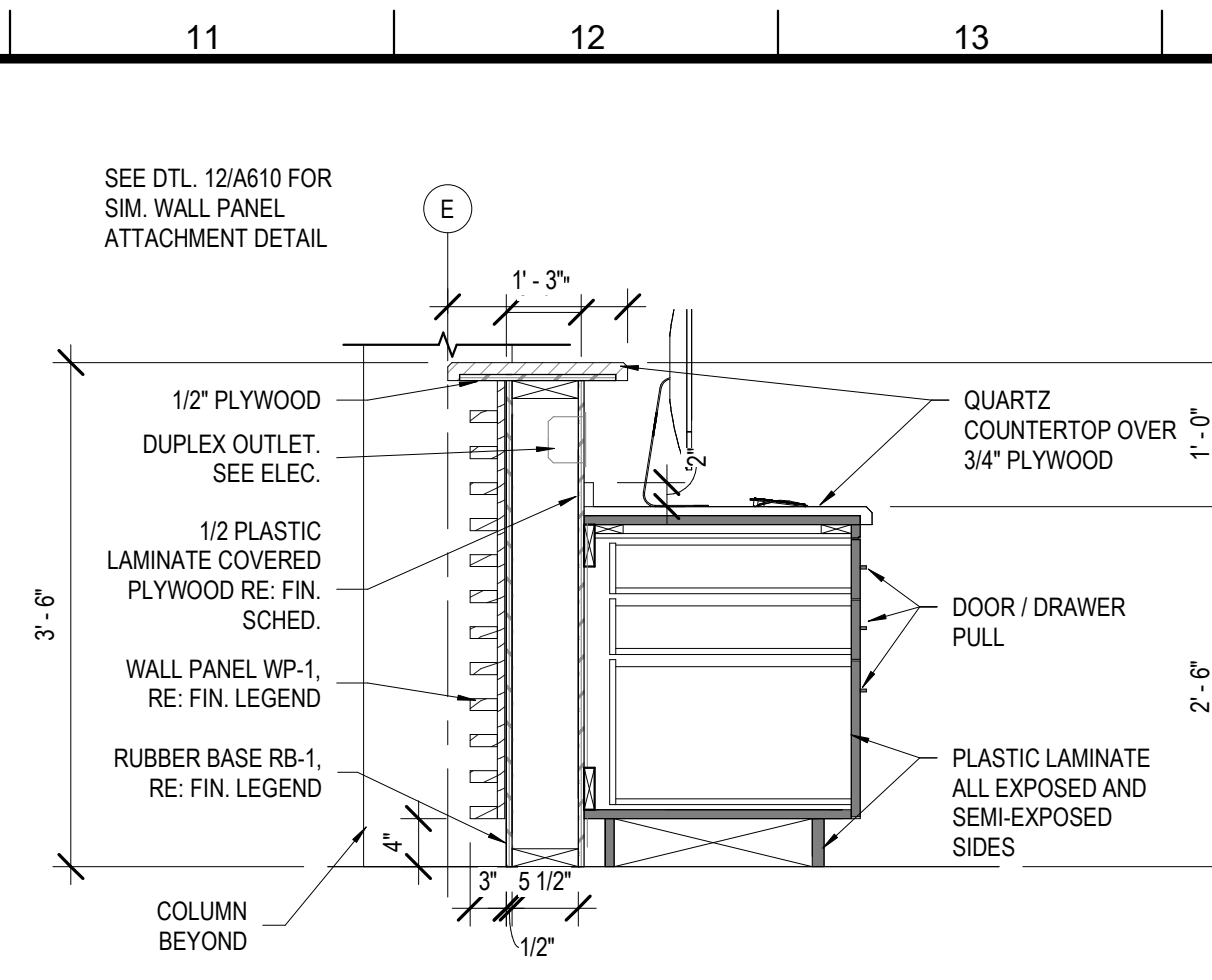
DESIGNED BY Designer	CHECKED BY Checker
DRAWN BY Author	DATE 05.05.2023
SHEET TITLE CARPET TILE LAYOUT PLAN	
PROJECT NO. MBA - 11884 ABM - 201813	SHEET NO. A602



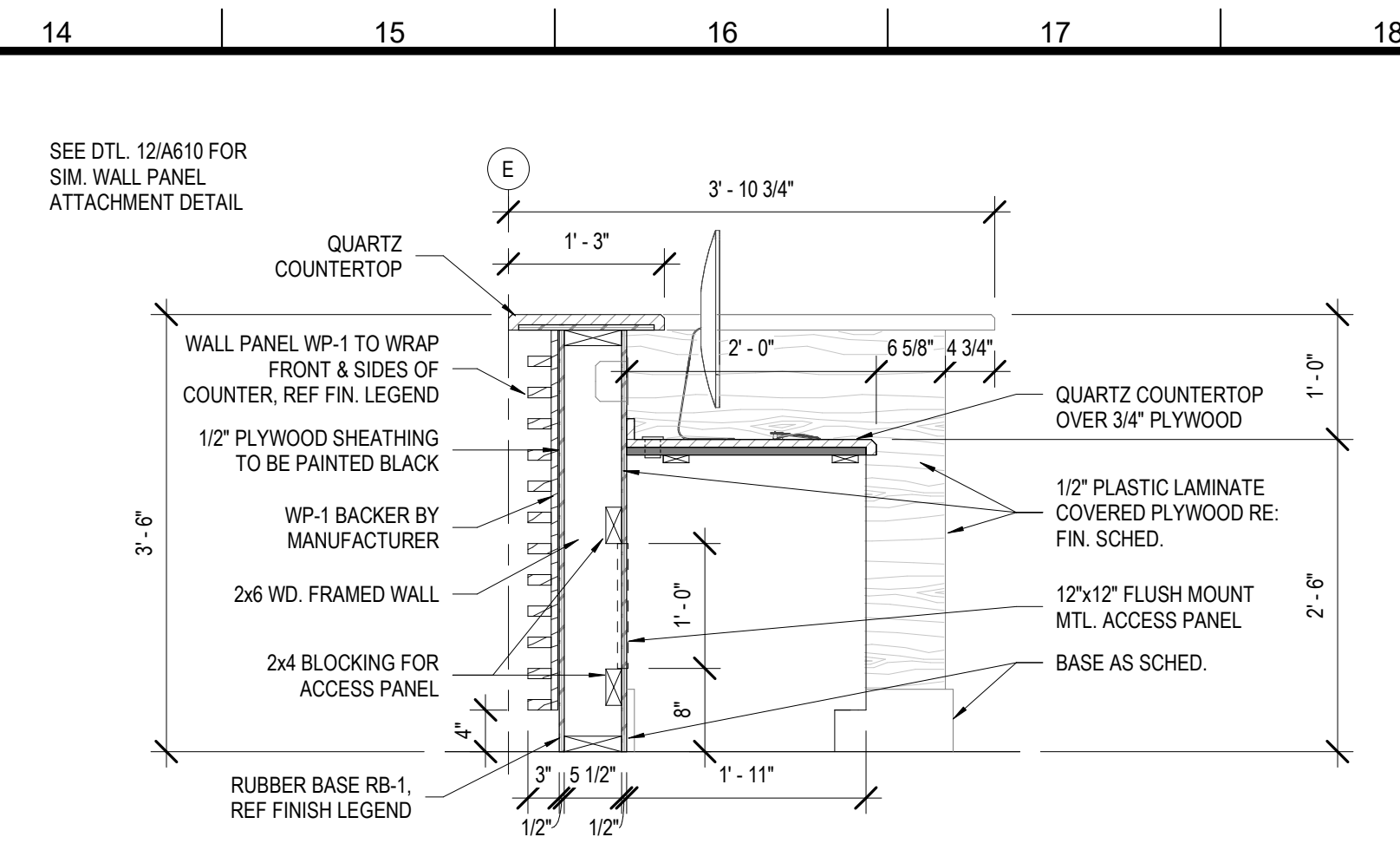
16 CHECK-OUT CASWORK 2
A610 1/2" = 1'-0"



17 CHECK-OUT - CASEWORK
A610 1/2" = 1'-0"

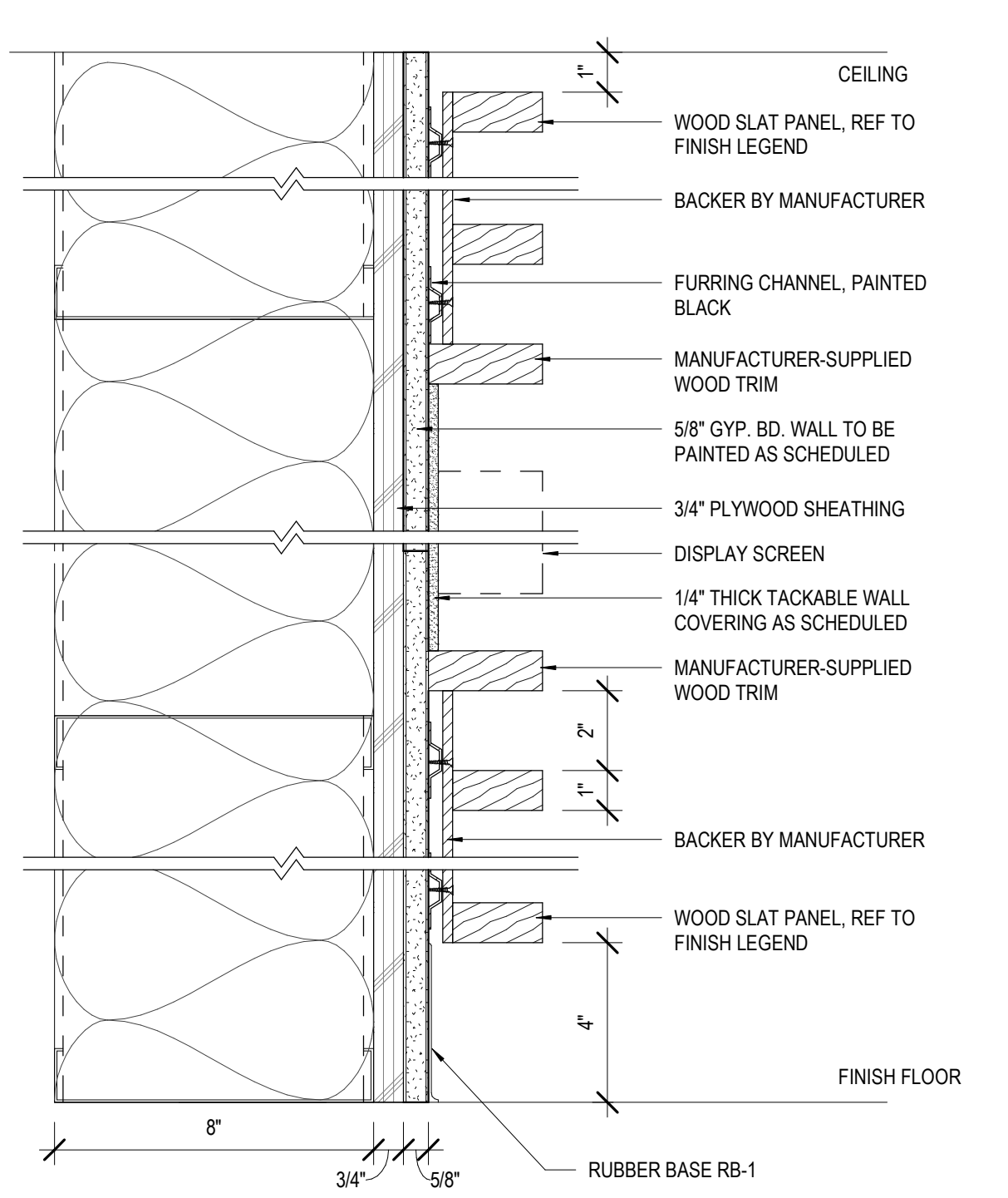


18 SECTION - CHECKOUT COUNTER
A610 3/4" = 1'-0"

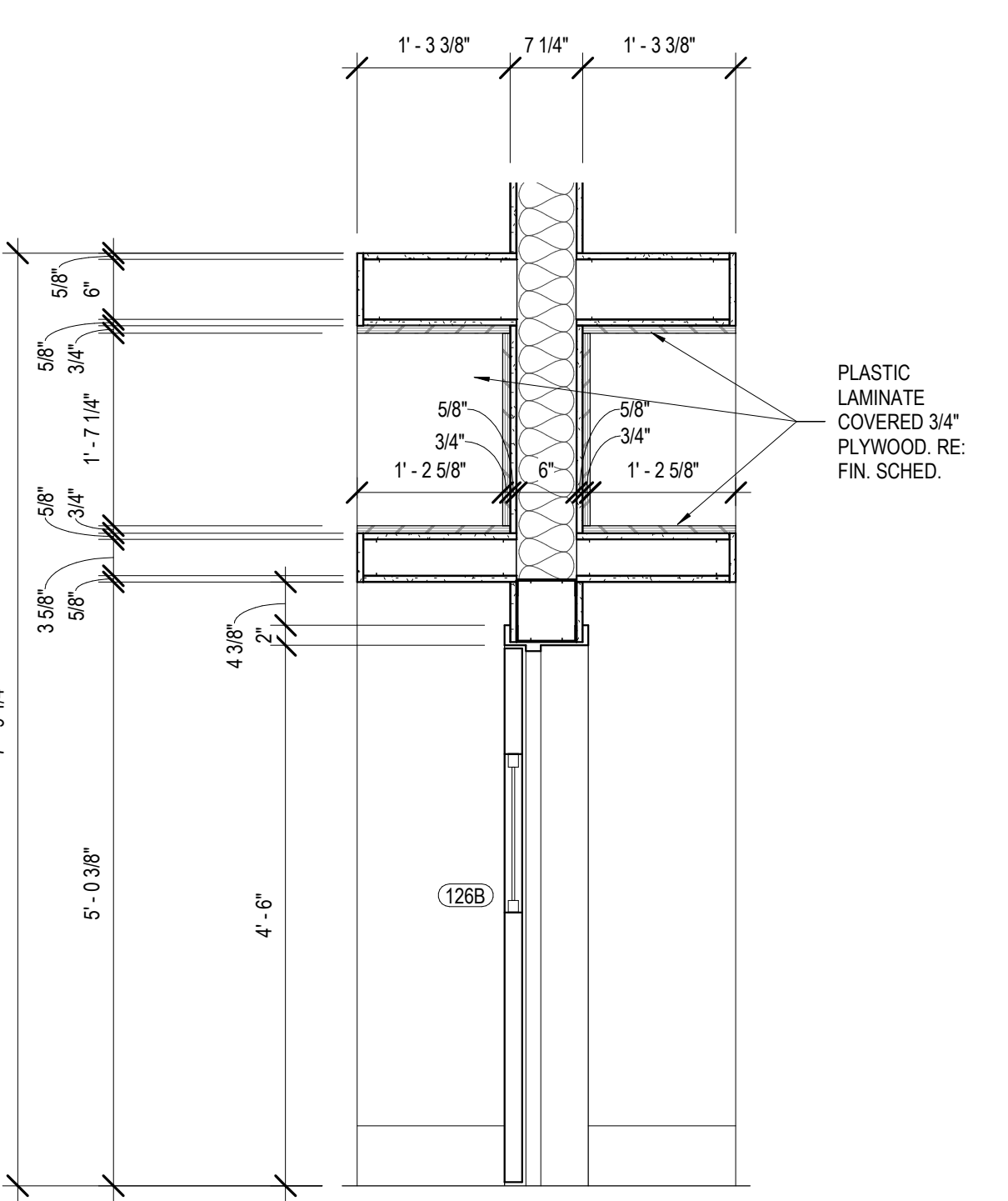


19 SECTION - CHECKOUT COUNTER 2
A610 3/4" = 1'-0"

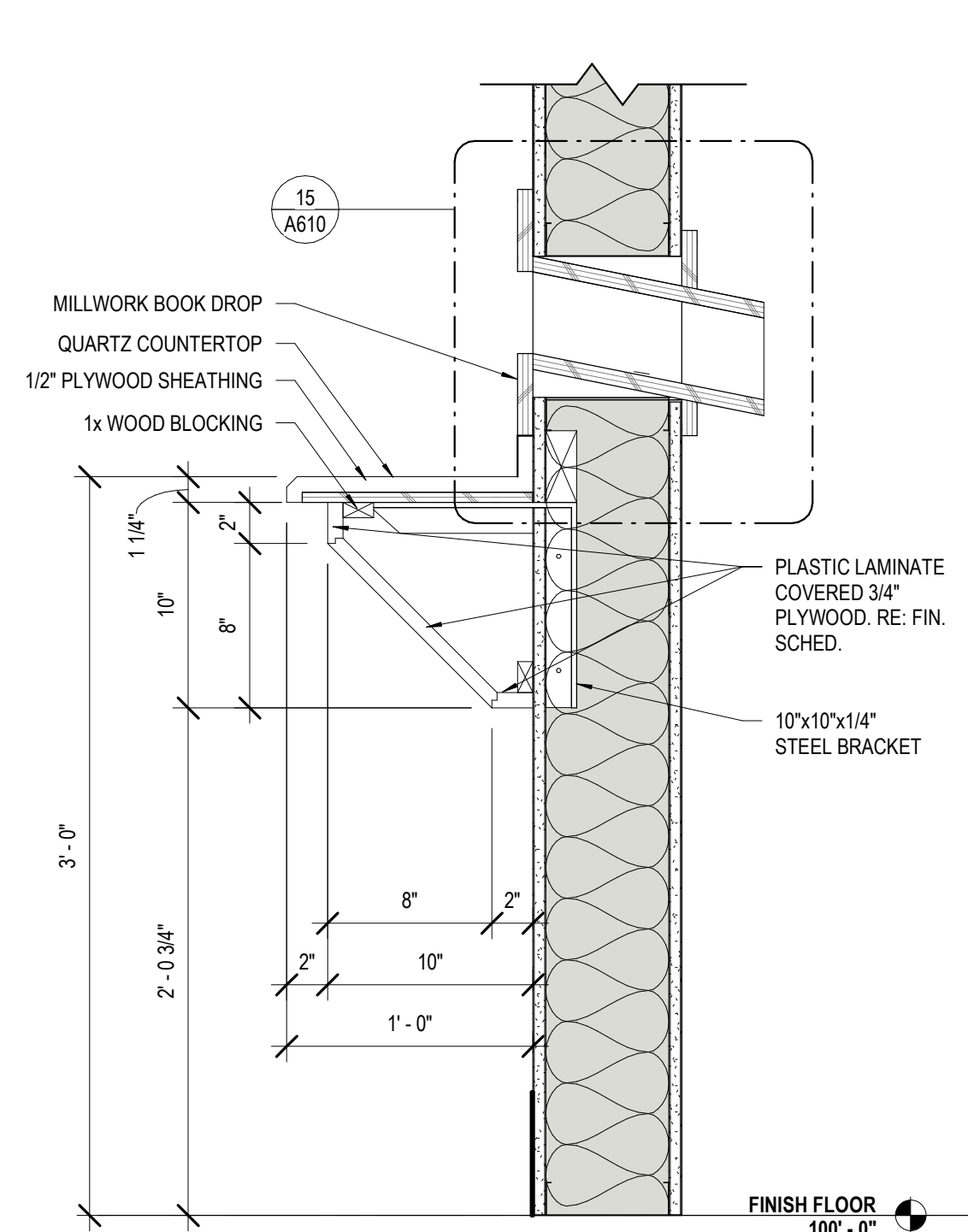
MATERIALS KEYING/ GENERAL NOTES



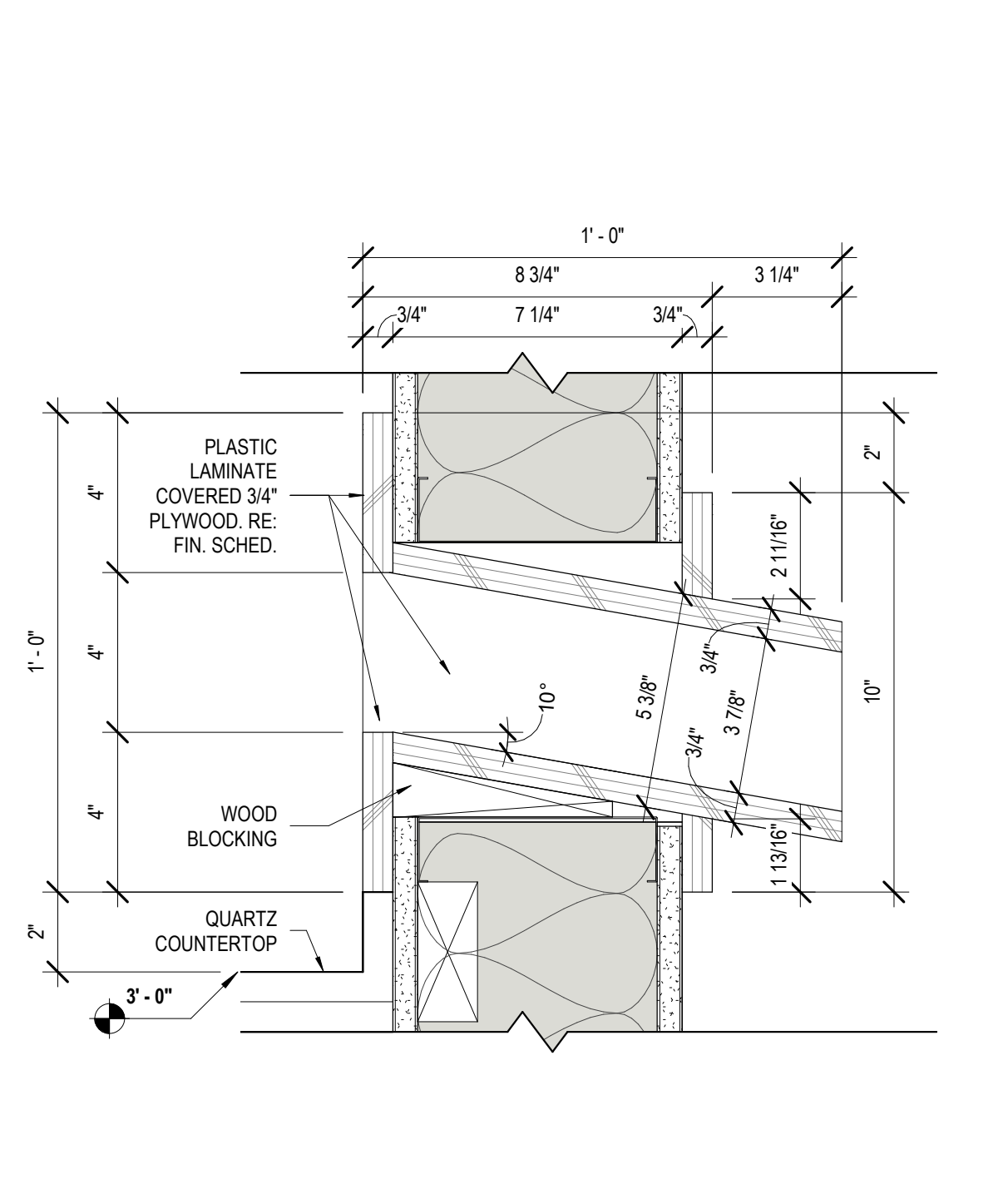
12 SECTION DTL. @ WOOD SLAT WALL
A610 3" = 1'-0"



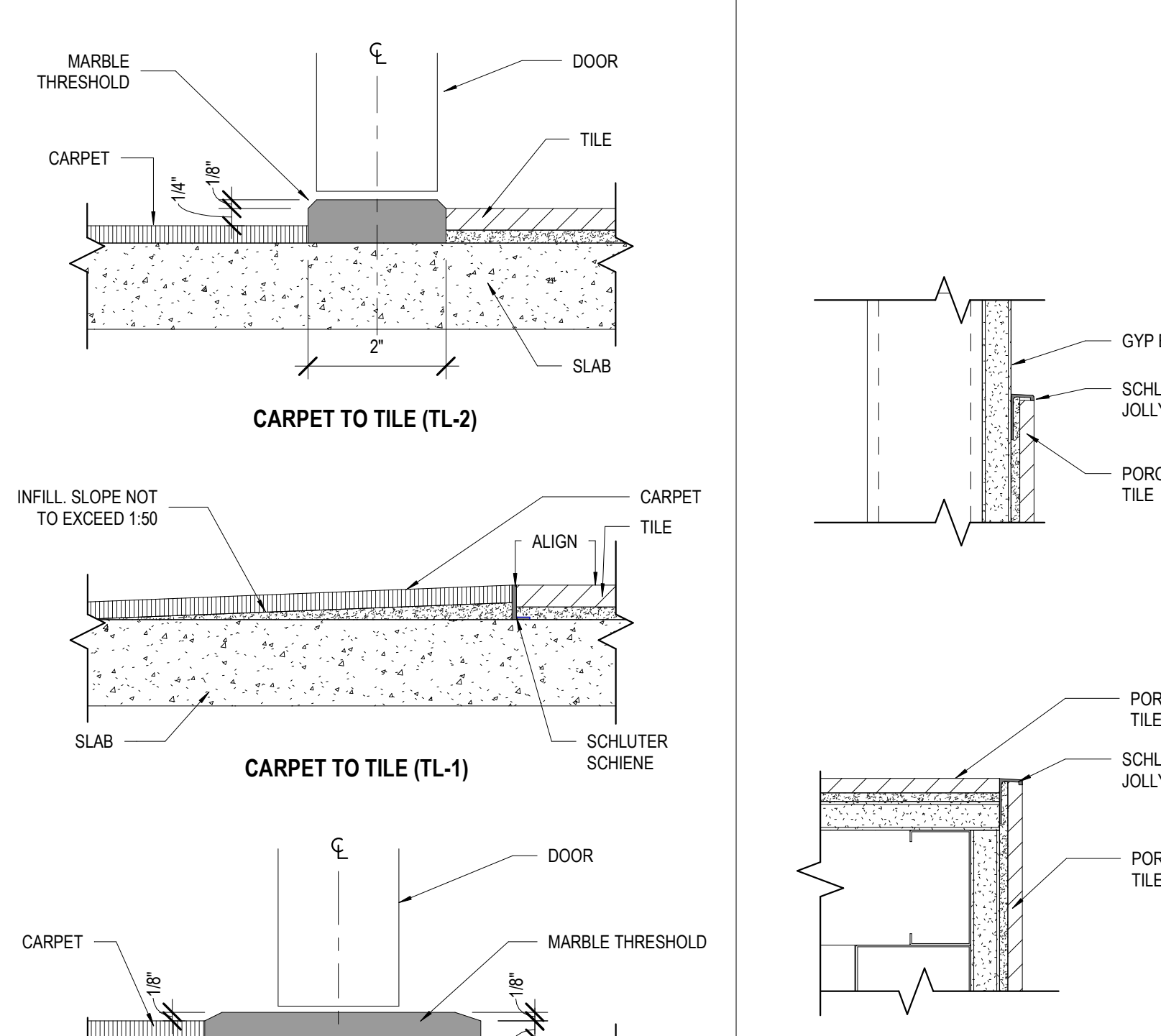
13 CHILD ENT. CASEWORK SECT. 2
A610 3/4" = 1'-0"



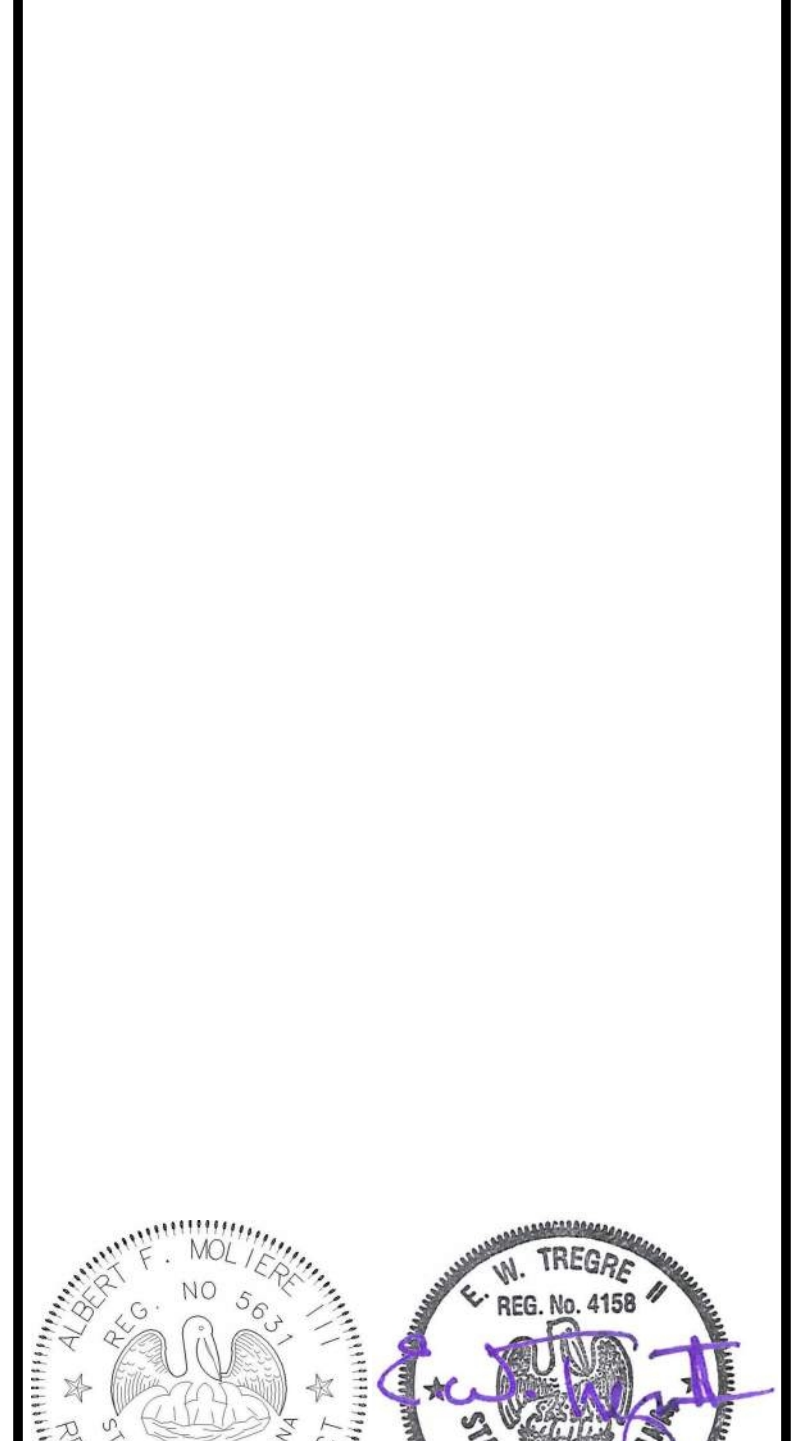
14 BOOK DROP SECTION
A610 1 1/2" = 1'-0"



15 BOOK SLOT DTL.
A610 3" = 1'-0"



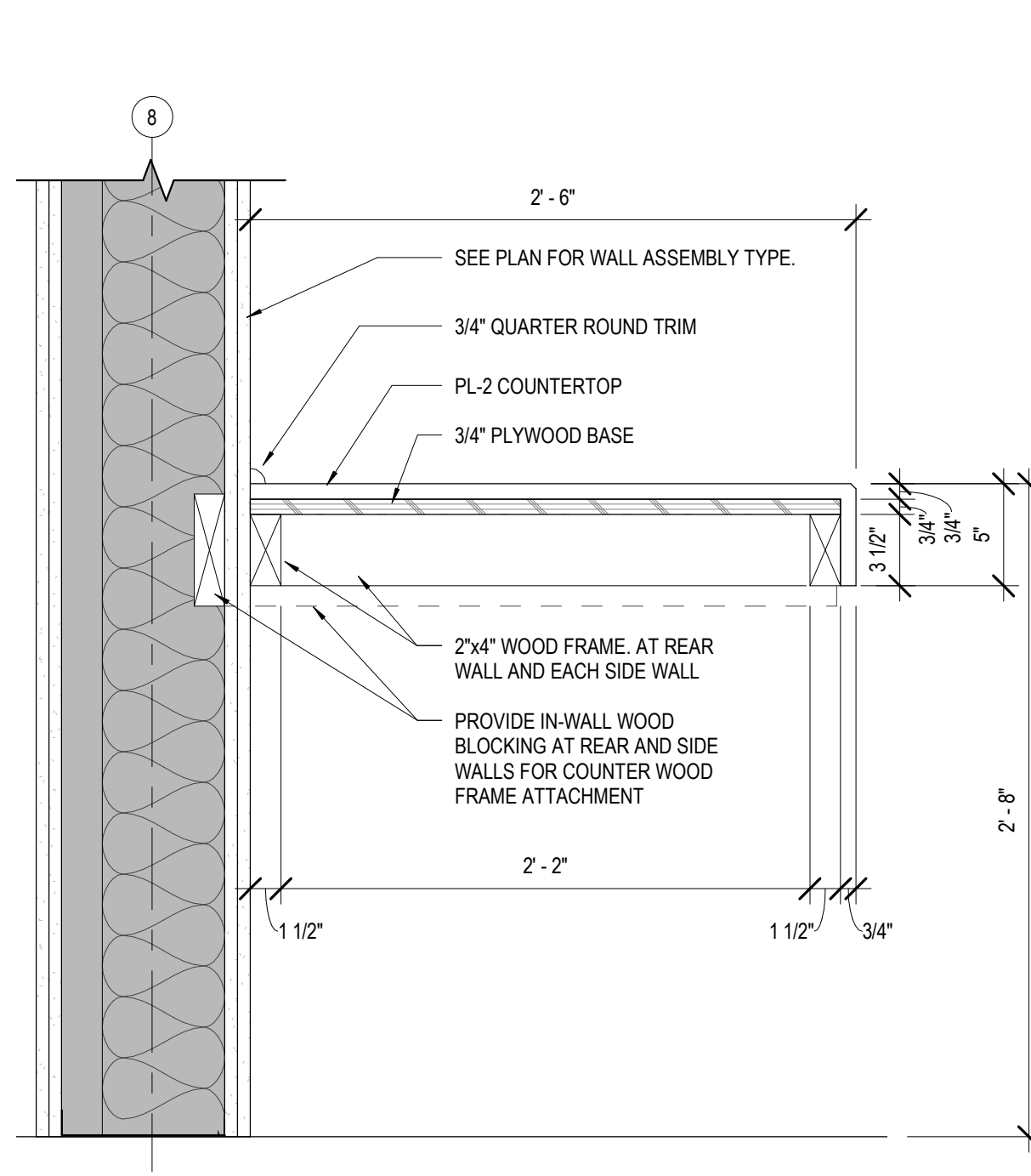
10 FLOORING TRANSITIONS
A610 6" = 1'-0"



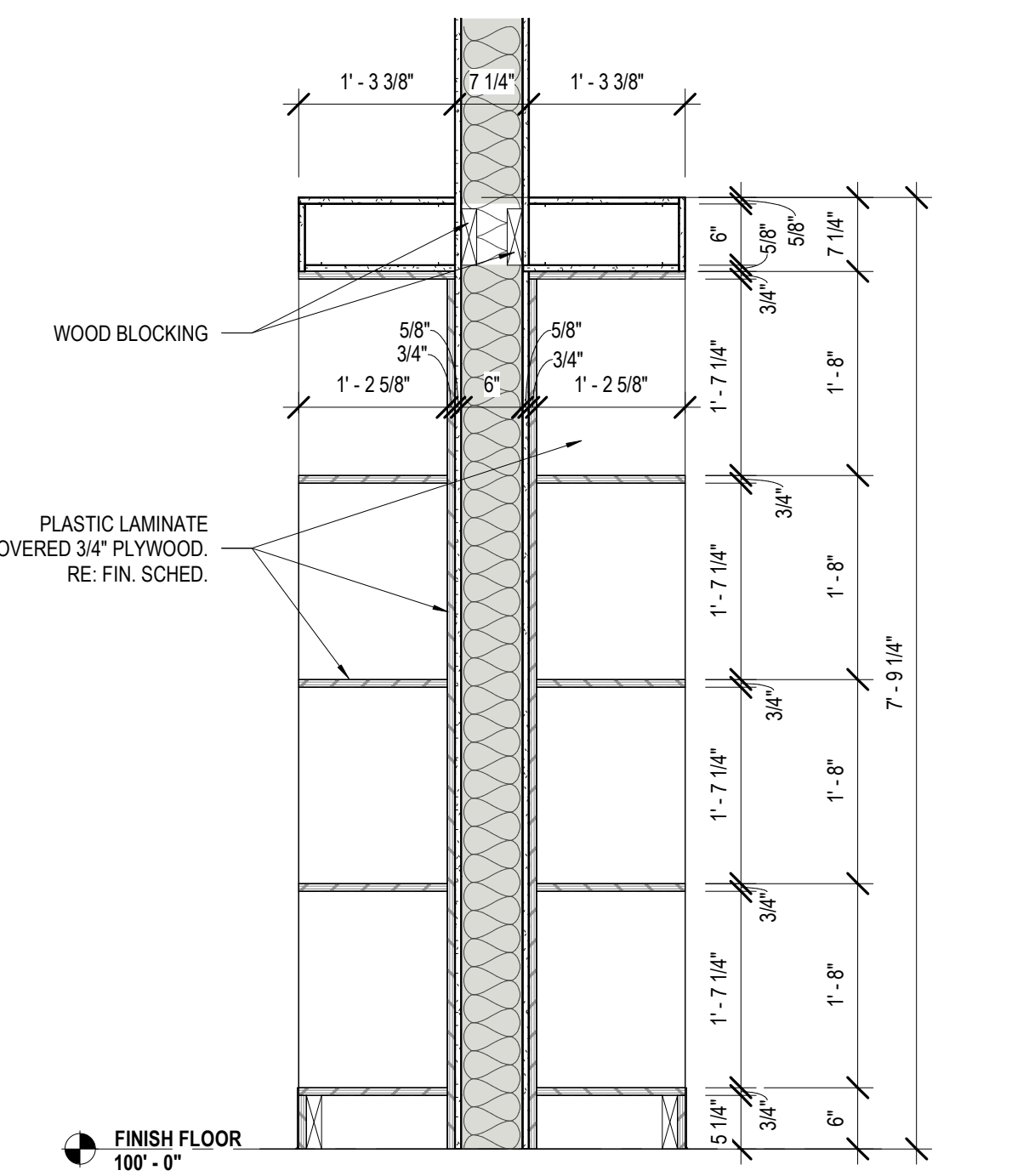
11 TRANSITIONS @ WALL TILE
A610 1:3

No.	Description	Date

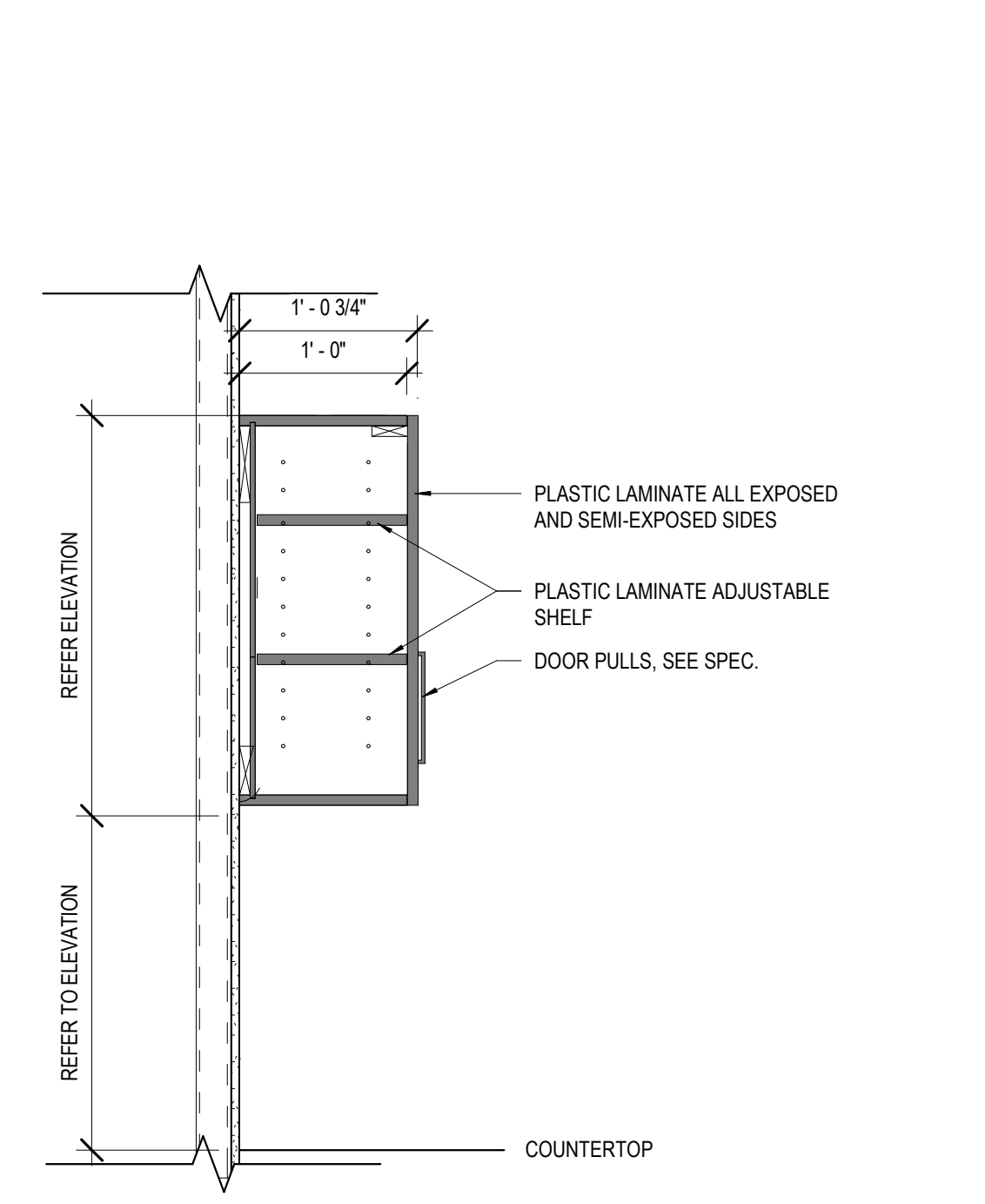
KEY PLAN



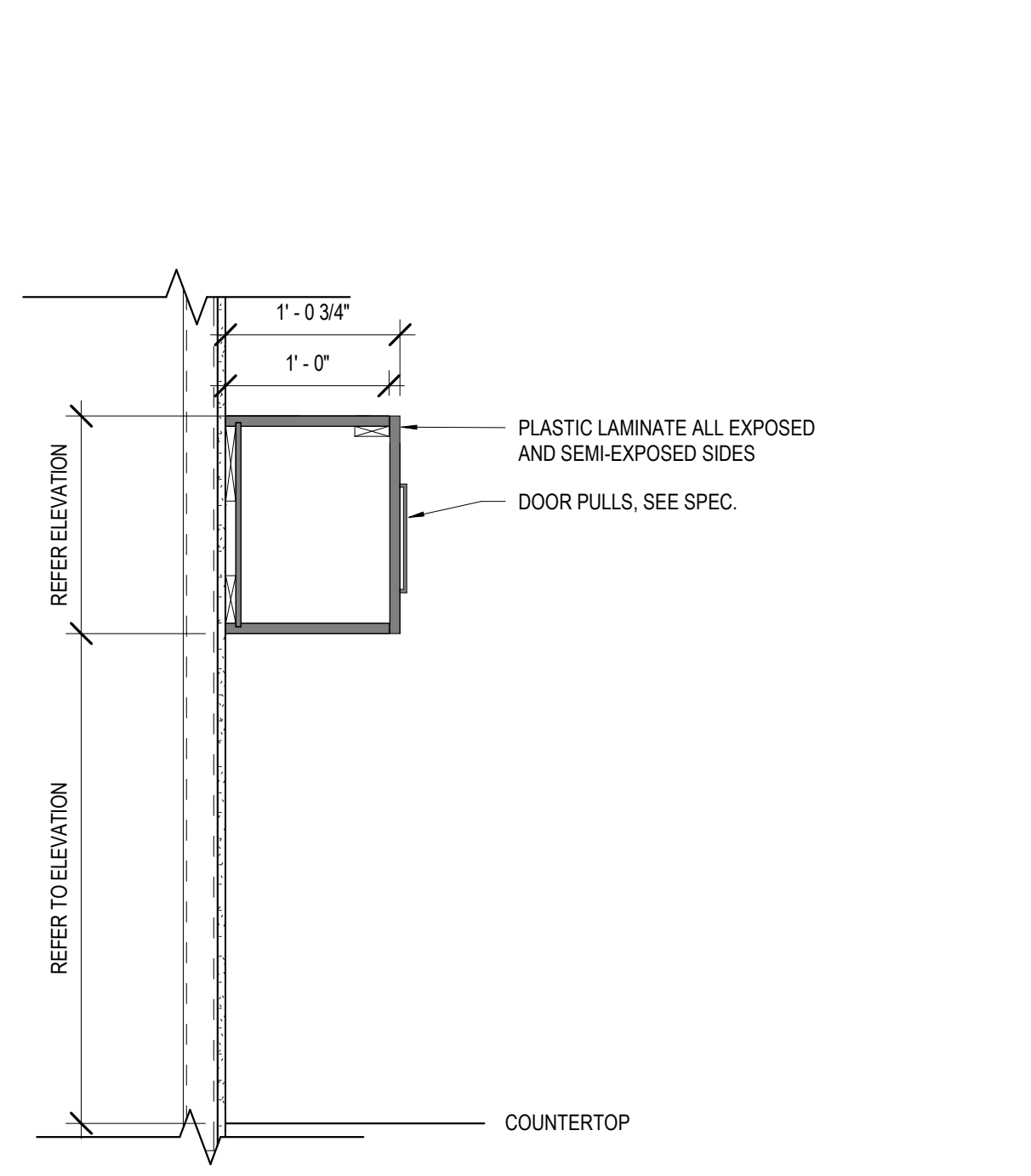
6 SECTION @ WORKING COUNTER
A610 1 1/2" = 1'-0"



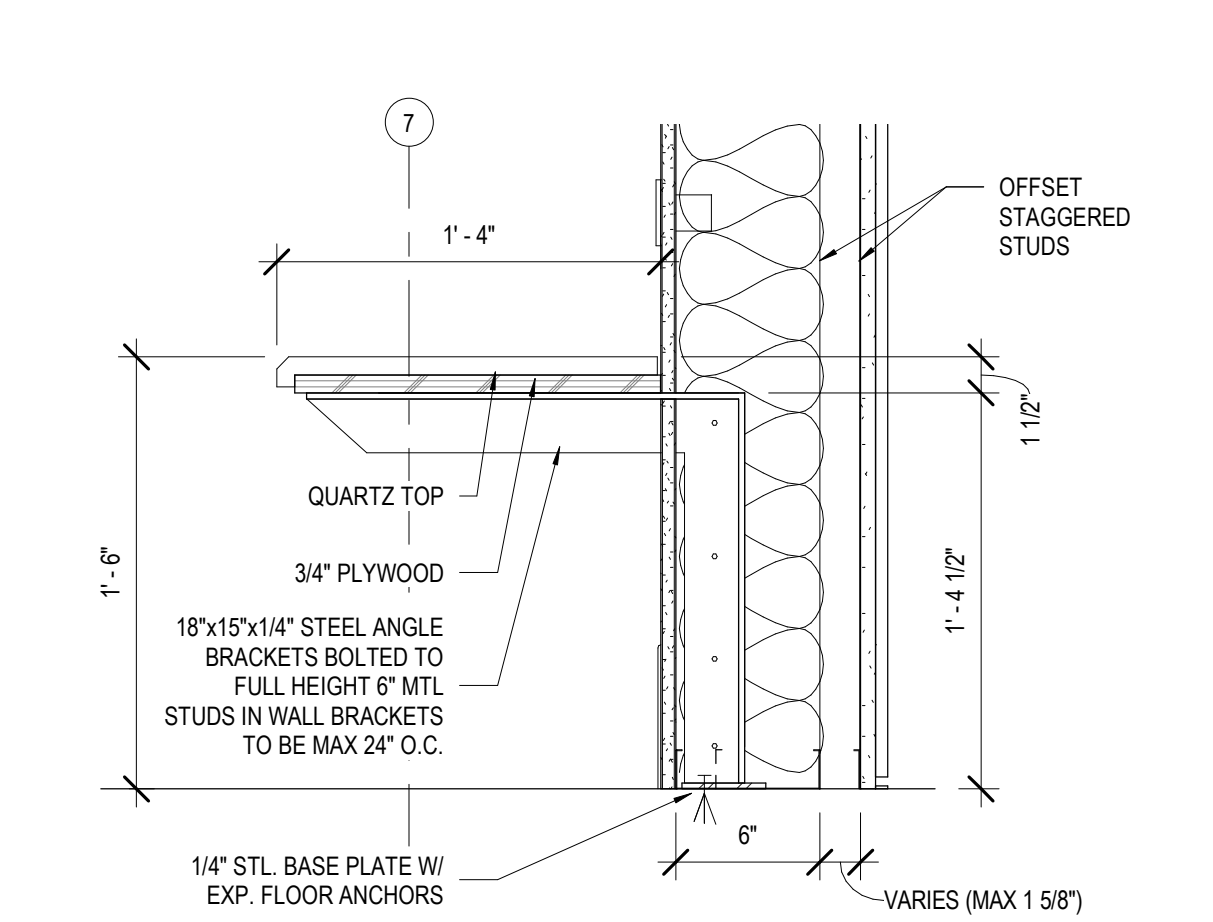
7 CHILD ENT. CASEWORK SECT. 1
A610 3/4" = 1'-0"



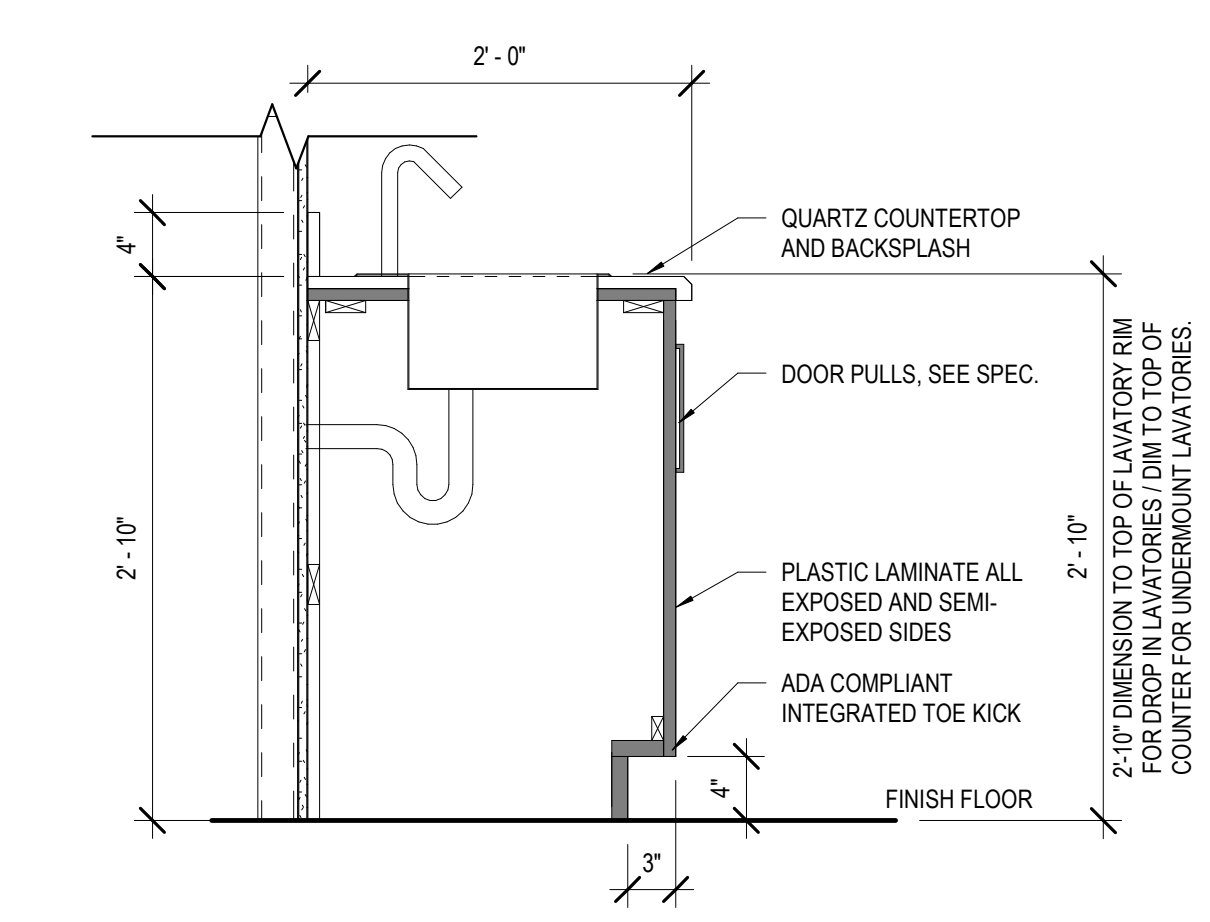
8 SECTION @ UPPER CABINET
A610 1" = 1'-0"



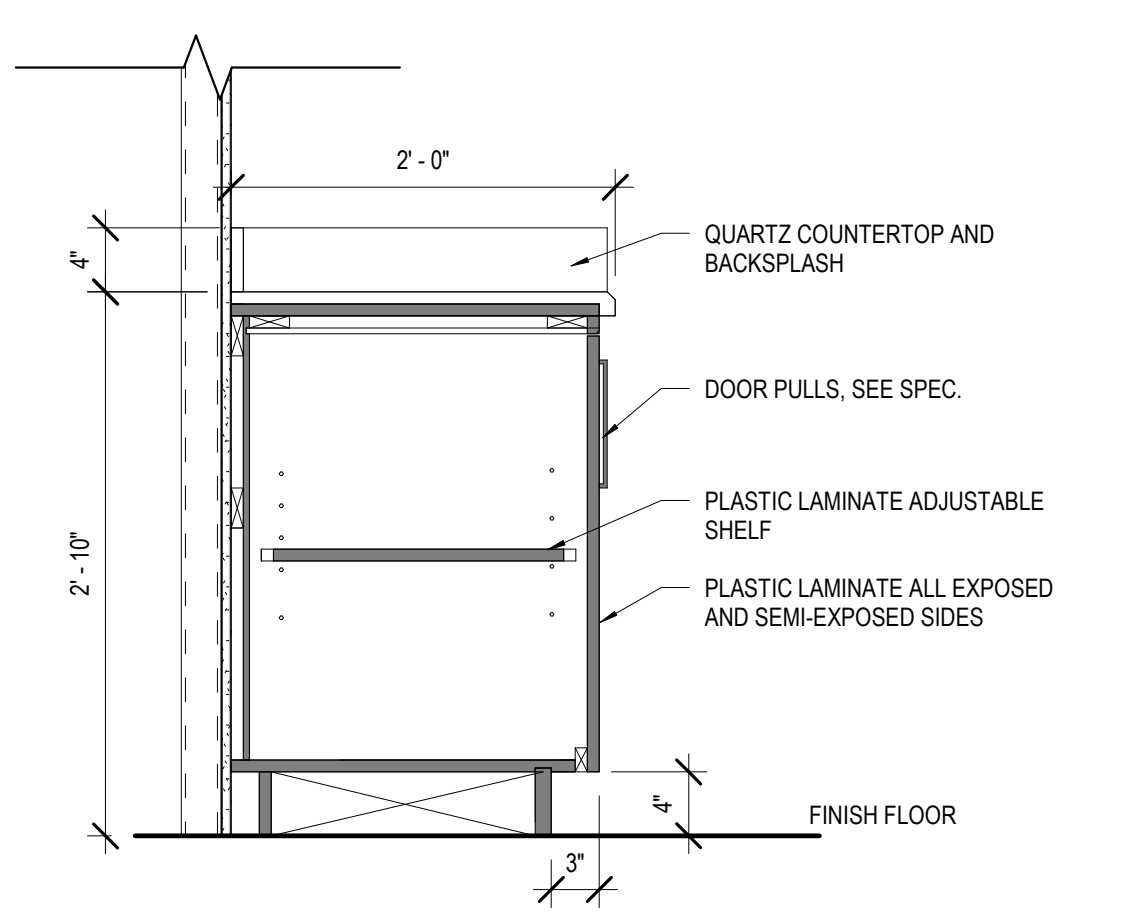
9 SECT. @ UPPER CABINET OVER SINK
A610 1" = 1'-0"



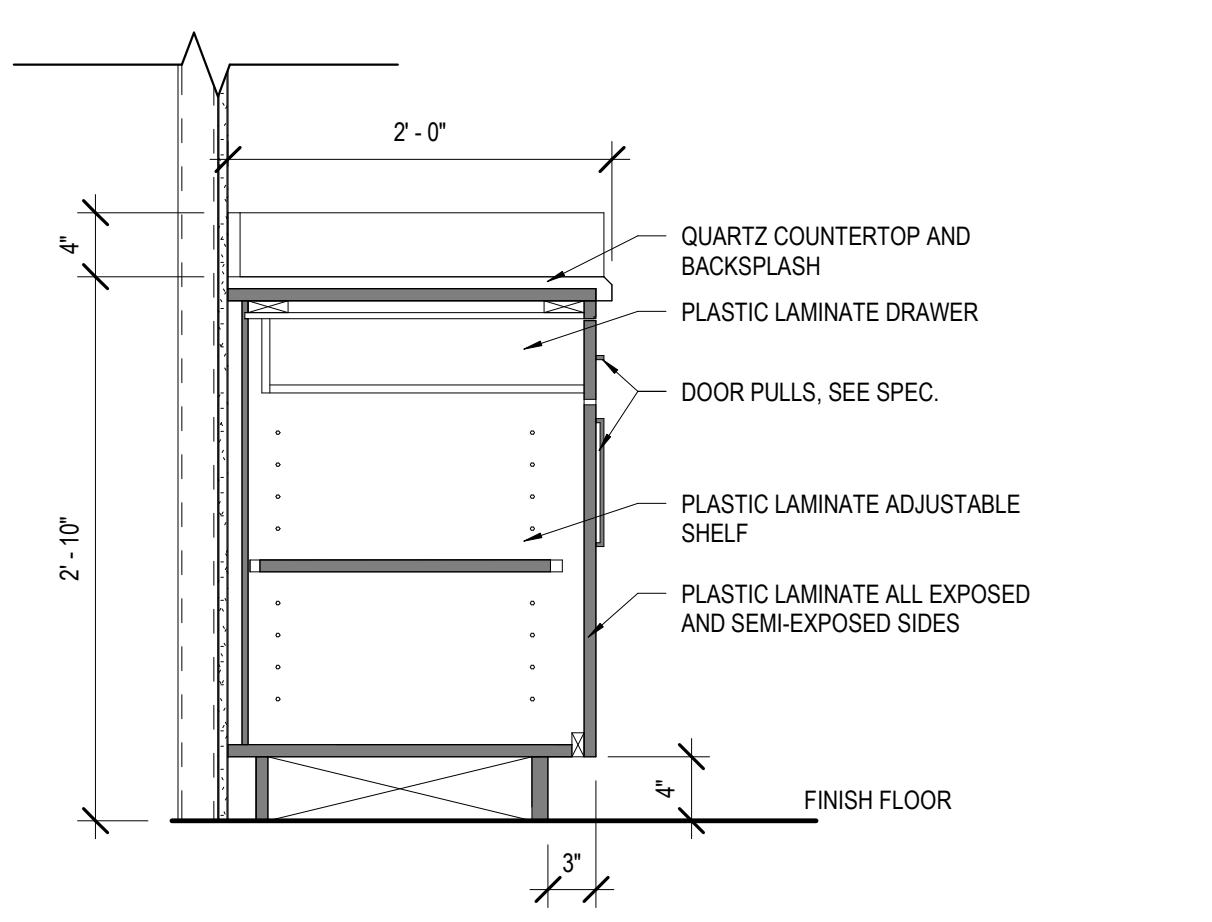
1 LOBBY BENCH SECTION
A610 1 1/2" = 1'-0"



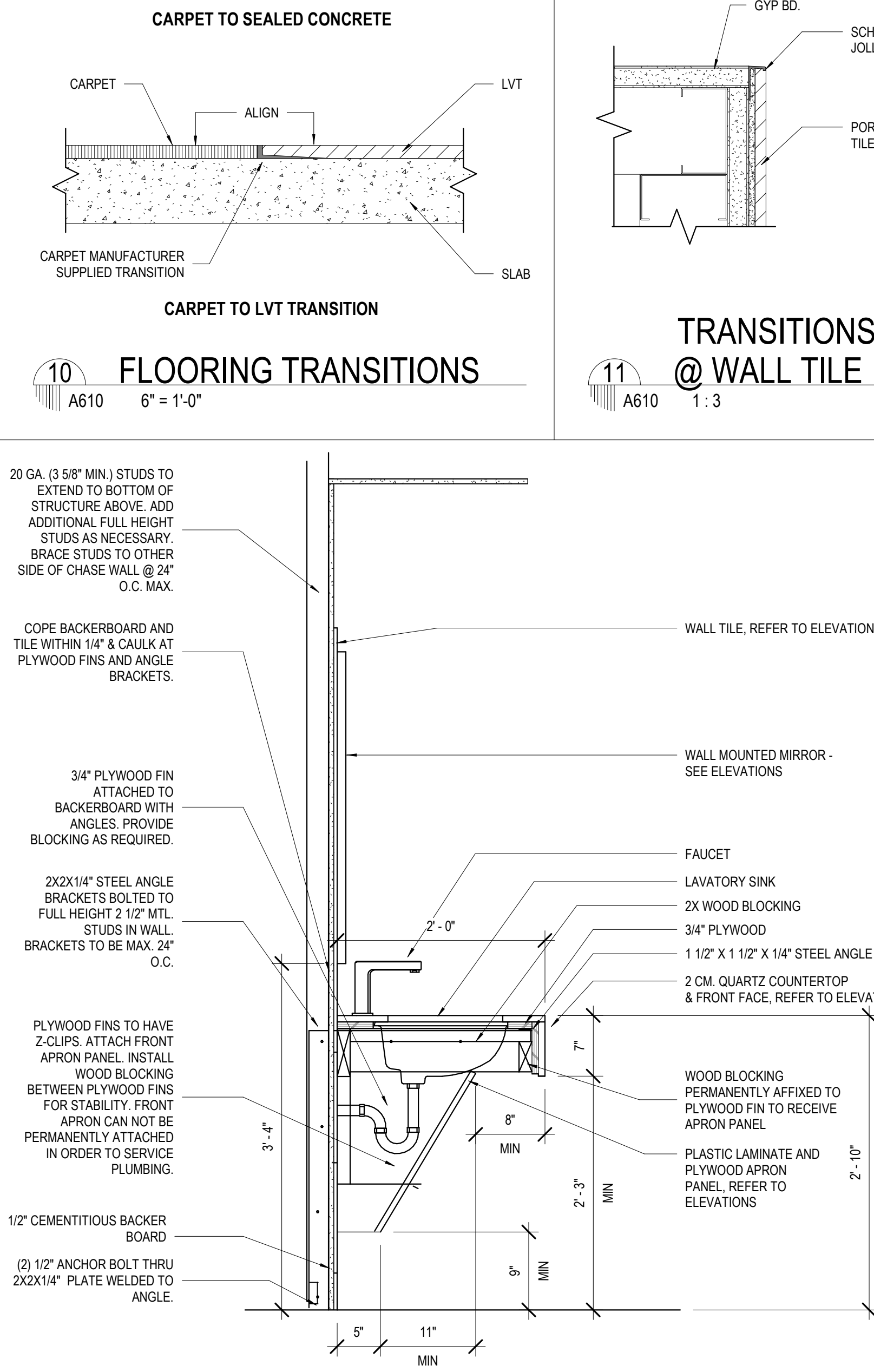
2 SECTION @ ADA SINK
A610 1" = 1'-0"



3 SECTION @ BASE CABINET
A610 1" = 1'-0"



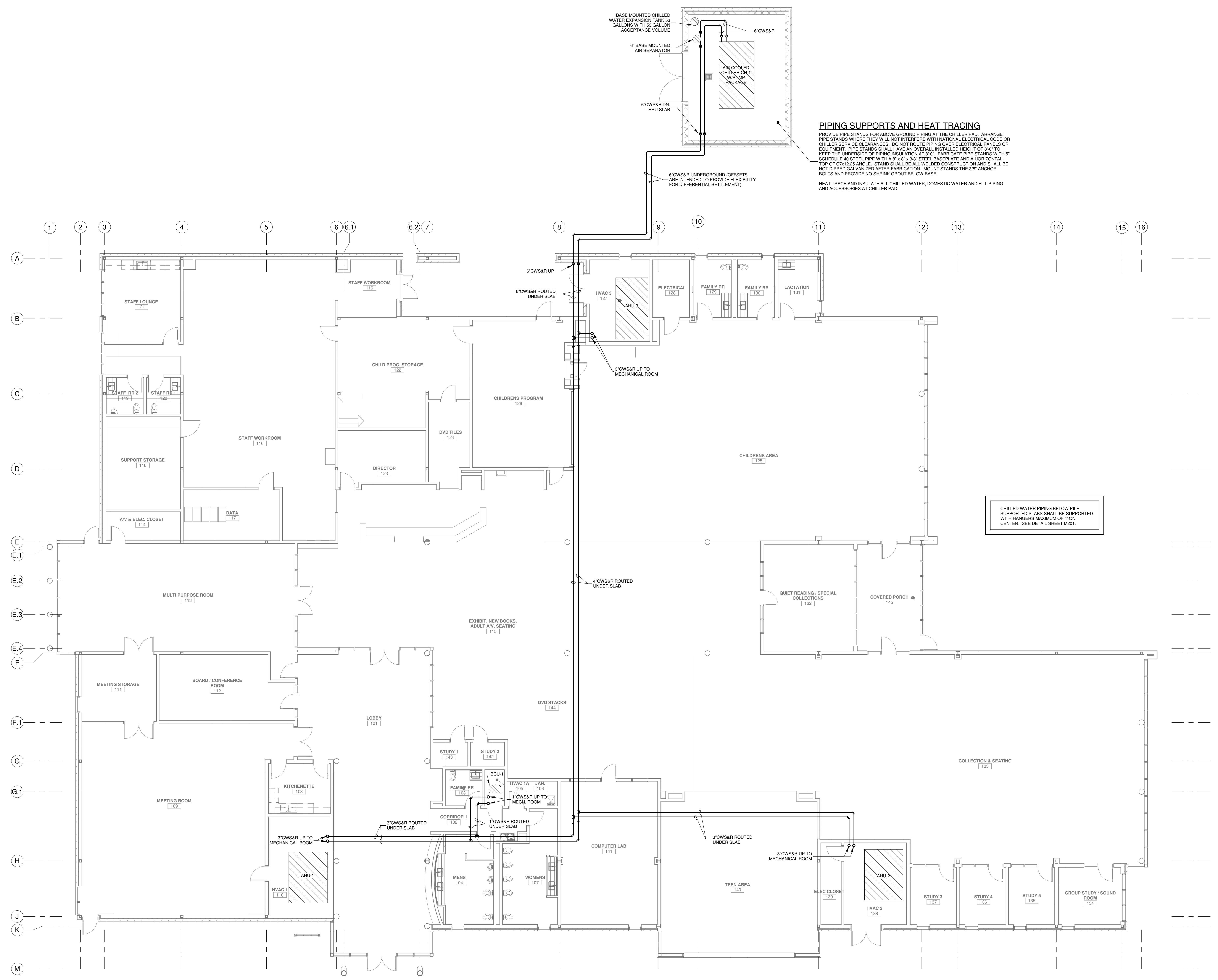
4 SECT. @ BASE CABINET W/ DRAWER
A610 1" = 1'-0"



5 SECTION @ RESTROOM SINK
A610 1" = 1'-0"

Mathes Brierre + /BM ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE A JOINT VENTURE
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Voice: 504.586.9303 Fax: 504.582.1305
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Lafayette, Louisiana 70503
337.233.0614

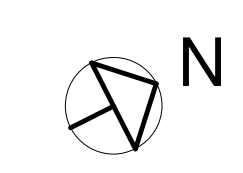
PROJECT TITLE
ST. BERNARD PARISH PUBLIC LIBRARY
ST. BERNARD PARISH
PERMIT DOCUMENTS
DESIGNED BY MBA/ABM CHECKED BY AM/PP
DRAWN BY F/RZ DATE 05.05.2023
SHEET TITLE FINISH / CASEWORK / MILLWORK DETAILS
PROJECT NO. SHEET NO.
MBA - 11884 A610
ABM - 201813



PIPING SUPPORTS AND HEAT TRACING
 PROVIDE PIPE STANDS FOR ABOVE GROUND PIPING AT THE CHILLER PAD. ARRANGE PIPE STANDS WHERE THEY WILL NOT INTERFERE WITH NATIONAL ELECTRICAL CODE OR CHILLER SERVICE CLEARANCES. DO NOT ROUTE PIPING OVER ELECTRICAL PANELS OR EQUIPMENT. PIPE STANDS SHALL HAVE AN OVERALL INSTALLED HEIGHT OF 8'-0" TO KEEP THE UNDERSIDE OF PIPING INSULATION AT 8'-0". FABRICATE PIPE STANDS WITH 1" SCHEDULE 40 STEEL PIPE WITH A 4" x 4" x 3/8" STEEL BASEPLATE AND A HORIZONTAL TOP OF 0.7:12.25 ANGLE. STAND SHALL BE ALL WELDED CONSTRUCTION AND SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION. MOUNT STANDS THE 3/8" ANCHOR BOLTS AND PROVIDE NO SHRINK GROUT BELOW BASE.
 HEAT TRACE AND INSULATE ALL CHILLED WATER, DOMESTIC WATER AND FILL PIPING AND ACCESSORIES AT CHILLER PAD.

CHILLED WATER PIPING BELOW PILE SUPPORTED SLABS SHALL BE SUPPORTED WITH HANGERS MAXIMUM OF 4' ON CENTER. SEE DETAIL SHEET M201.

**HVAC
 CHILLER PAD AND UNDERGROUND CHILLED WATER PIPING PLAN**
 SCALE: 1/8" = 1'-0"



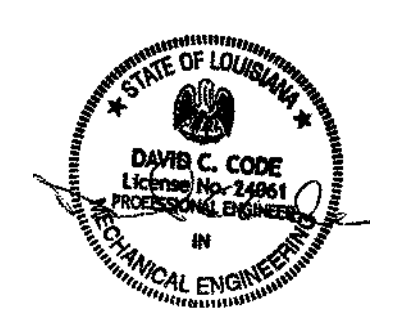
THESE PLANS HAVE BEEN PREPARED UNDER MY CLOSE PERSONAL SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF, THEY COMPLY WITH CITY PARISH REQUIREMENTS. I AM NOT GENERALLY ADMINISTERING THE WORK, BUT NOT TO THE EXTENT THAT WILL ELIMINATE THE NEED FOR CITY PARISH INSPECTIONS.

[Signature]

GVA ENGINEERING, L.L.C.
 PROJECT No. 3931

No.	Description	Date

KEY PLAN



5-5-23

Mathes Brierre + /BM
 ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
 A JOINT VENTURE

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 Lafayette, Louisiana 70503
 337.233.0614

PROJECT TITLE

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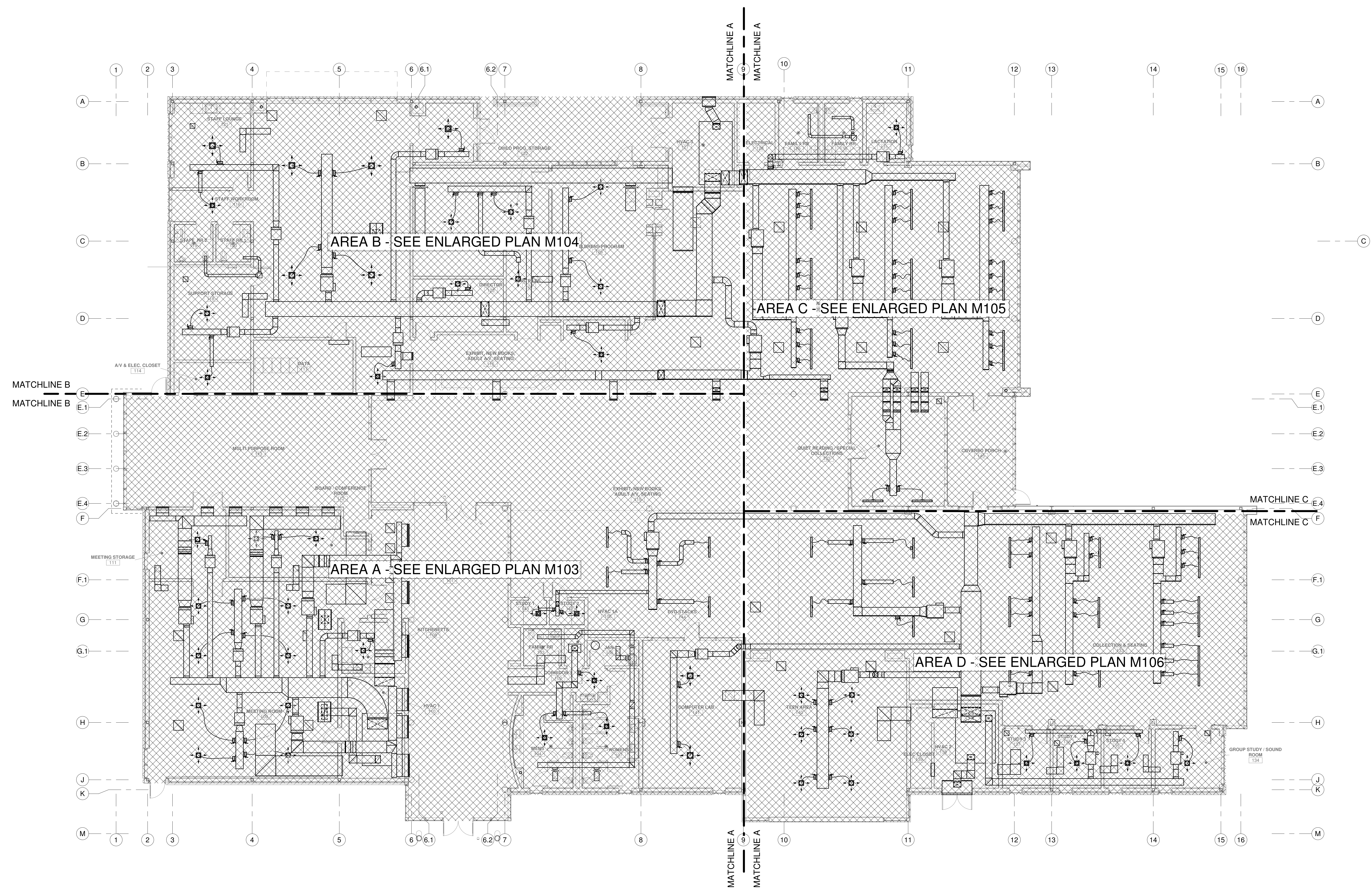
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PERMIT DOCUMENTS

DESIGNED BY	DCC	CHECKED BY	DCC
DRAWN BY	GVT	DATE	05.05.2023

SHEET TITLE
 CHILLER PAD AND CW PIPING PLAN

PROJECT NO.	MBA - 11884	SHEET NO.	M101
ABM - 201813			

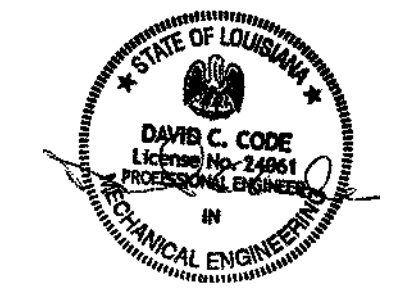


HVAC
OVERALL FLOOR PLAN
 SCALE: 1/8" = 1'-0"



No.	Description	Date

KEY PLAN



5-5-23

Mathes Brierre + **MBM**
 ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
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 Lafayette, Louisiana 70503
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PROJECT TITLE

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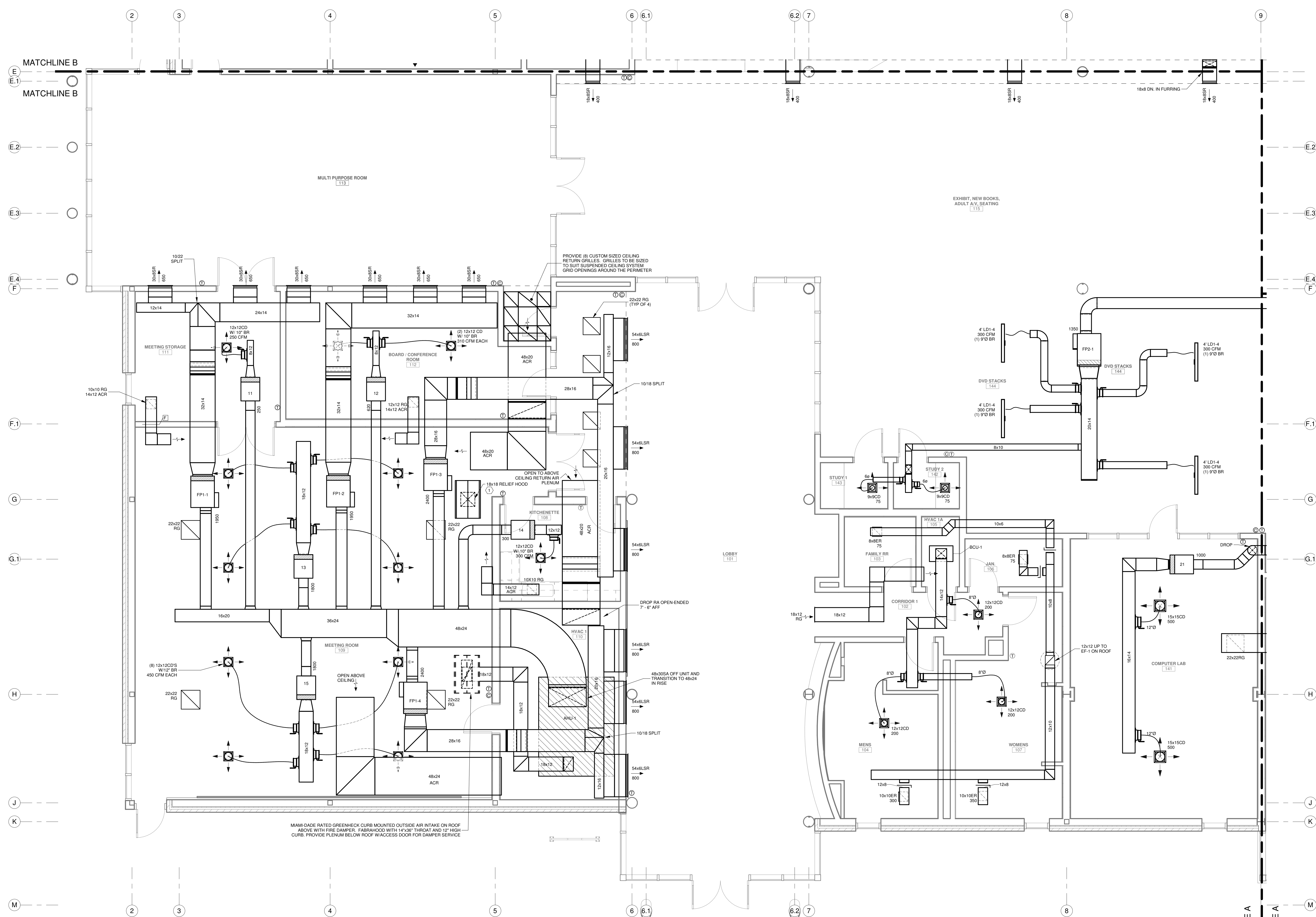
PERMIT DOCUMENTS

DESIGNED BY	DCC	CHECKED BY	DCC
DRAWN BY	GVT	DATE	05.05.2023
SHEET TITLE			
OVERALL FLOOR PLAN - HVAC			
PROJECT NO.	ABM - 201813	SHEET NO.	M102

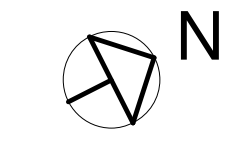
GVA ENGINEERING, L.L.C.
 PROJECT No. 3931

MBA - 11884
 ABM - 201813

M102



HVAC
ENLARGED PARTIAL FLOOR PLAN - AREA A
 SCALE: 1/4" = 1'-0"



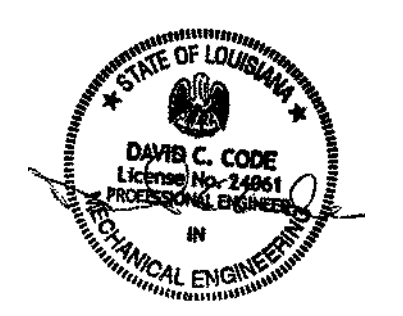
SPECIFIC NOTES:

- 1 PROVIDE MIAMI-DADE RATED GREENHECK CURB MOUNTED RELIEF HOOD ON ROOF ABOVE FABRAHOOD WITH 18"X18" THROAT AND 12" HIGH CURB. PROVIDE PLENUM BELOW WITH RATED SMOKE DAMPER & BAROMETRIC RELIEF DAMPER. SMOKE DAMPER SHALL BE INTERLOCKED TO OPEN & CLOSE WHEN AHU-1 STARTS & STOPS. PROVIDE RUSKIN MODEL CBS92 OR EQUAL COUNTERBALANCED BACKDRAFT DAMPER SET TO OPEN AT 0.15" STATIC

GVA ENGINEERING, L.L.C.
 PROJECT No. 3931

No.	Description	Date

KEY PLAN



5-5-23

Mathes Brierre + **IBM**
 ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
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PROJECT TITLE

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DESIGNED BY DCC CHECKED BY DCC

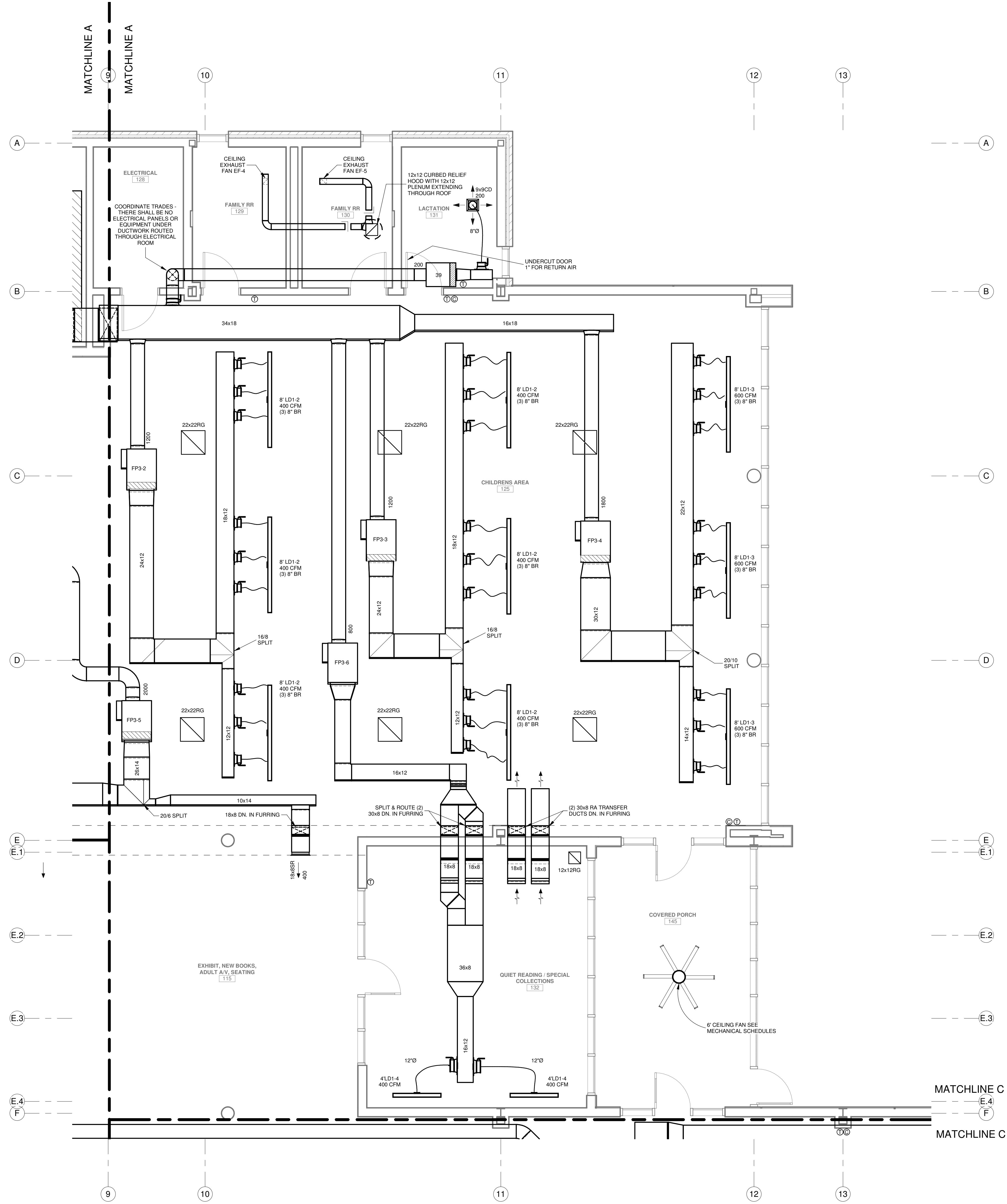
DRAWN BY BJT DATE 05.05.2023

SHEET TITLE ENLARGED PARTIAL FLOOR PLAN - AREA A

PROJECT NO. SHEET NO.

MBA - 11884
 ABM - 201813

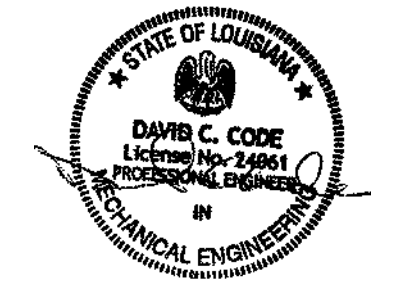
M103



HVAC
ENLARGED PARTIAL FLOOR PLAN - AREA C
 SCALE: 1/4" = 1'-0"

No.	Description	Date

KEY PLAN



5-5-23

Mathes Brierre ARCHITECTS
 ARCHITECTS BEAZLEY MOLIÈRE
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 Lafayette, Louisiana 70503
 337.233.0614

PROJECT TITLE

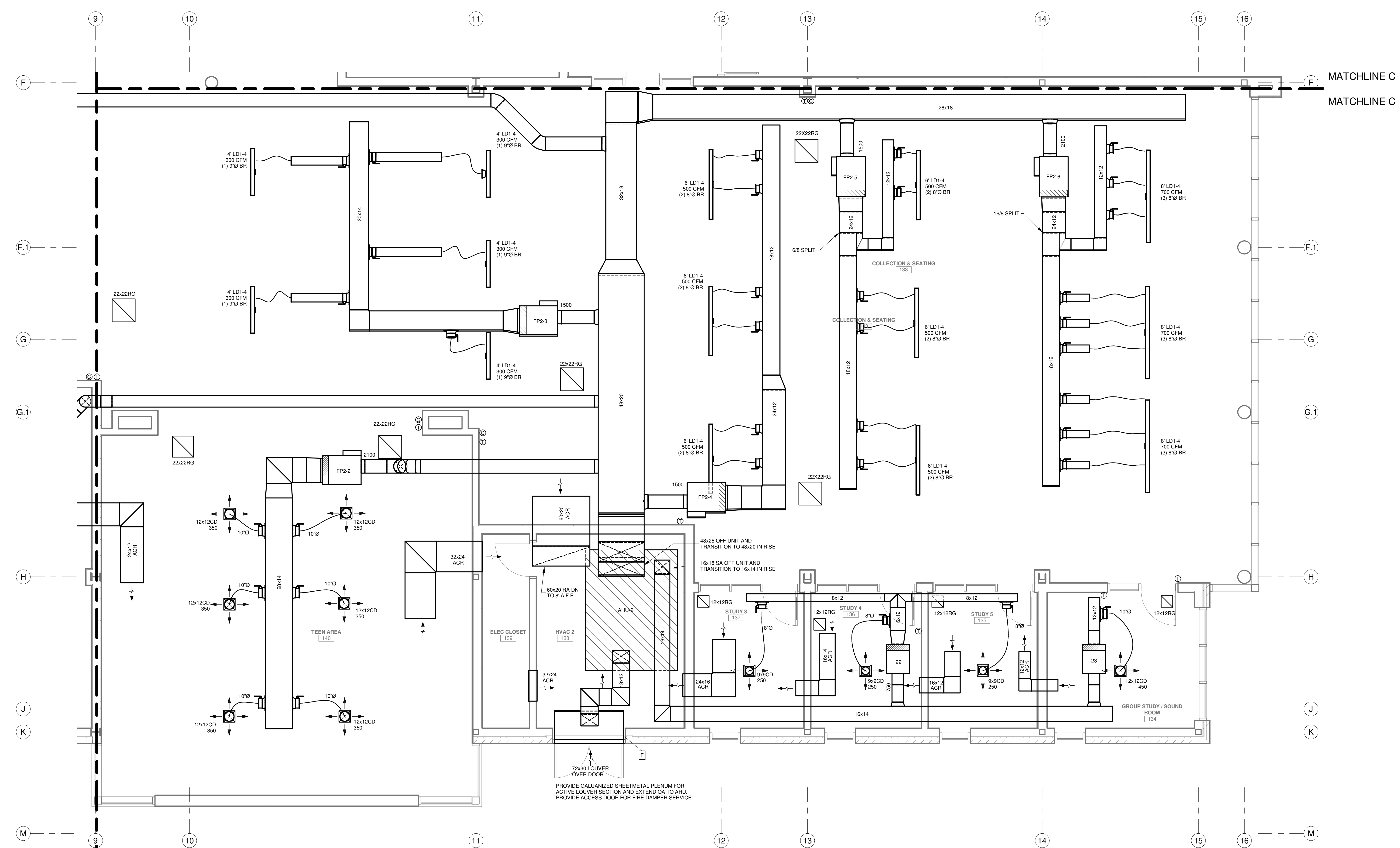
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DESIGNED BY	DCC	CHECKED BY	DCC
DRAWN BY	BJT	DATE	05.05.2023
SHEET TITLE			
ENLARGED PARTIAL FLOOR PLAN - AREA C			
PROJECT NO.	MBA - 11884	SHEET NO.	M105
	ABM - 201813		

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 PROJECT No. 3931

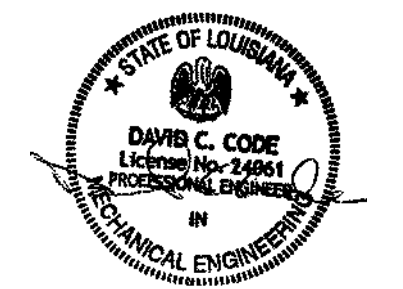


HVAC
ENLARGED PARTIAL FLOOR PLAN - AREA D
 SCALE: 1/4" = 1'-0"



No.	Description	Date

KEY PLAN



5-5-23

Mathes Briere + **ABM**
 ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
 A JOINT VENTURE

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 New Orleans, Louisiana 70170-4100
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PROJECT TITLE

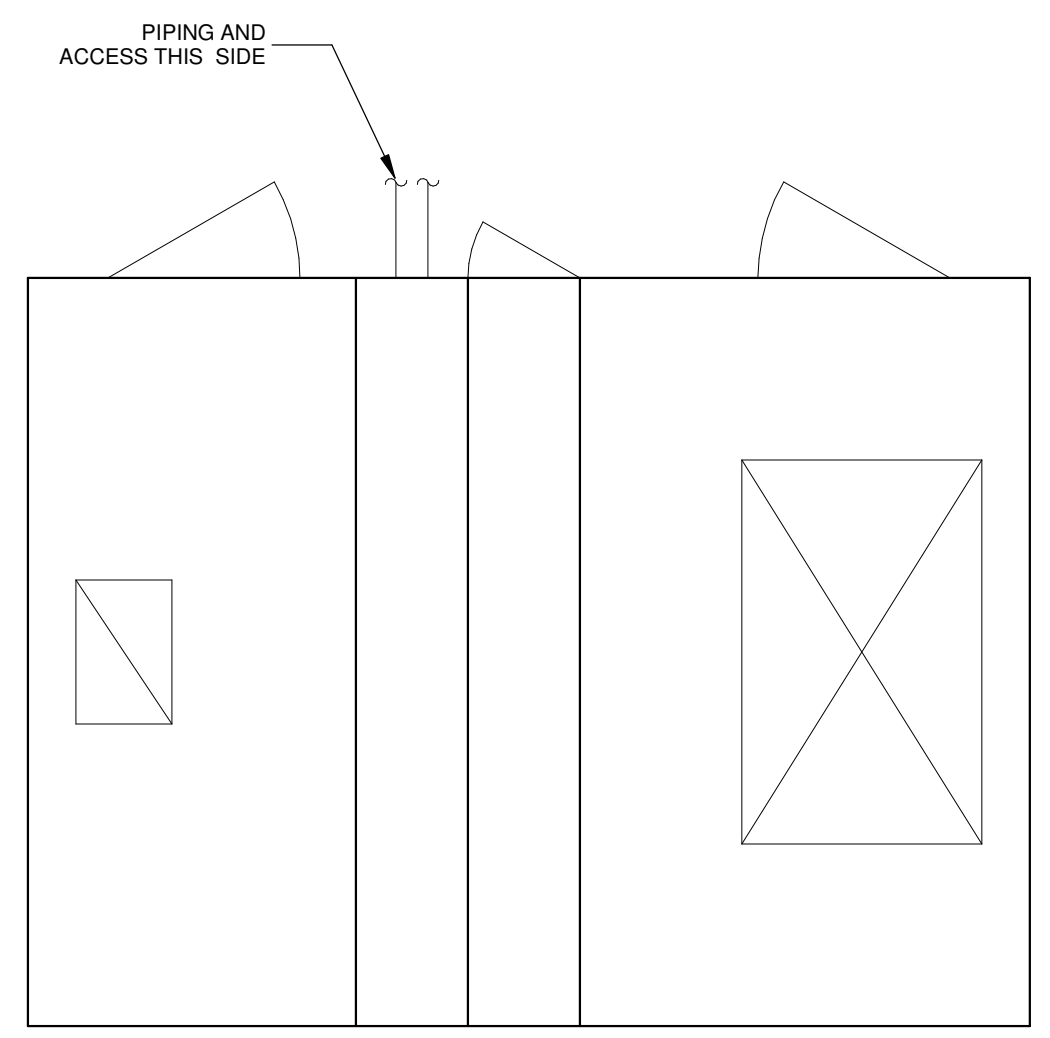
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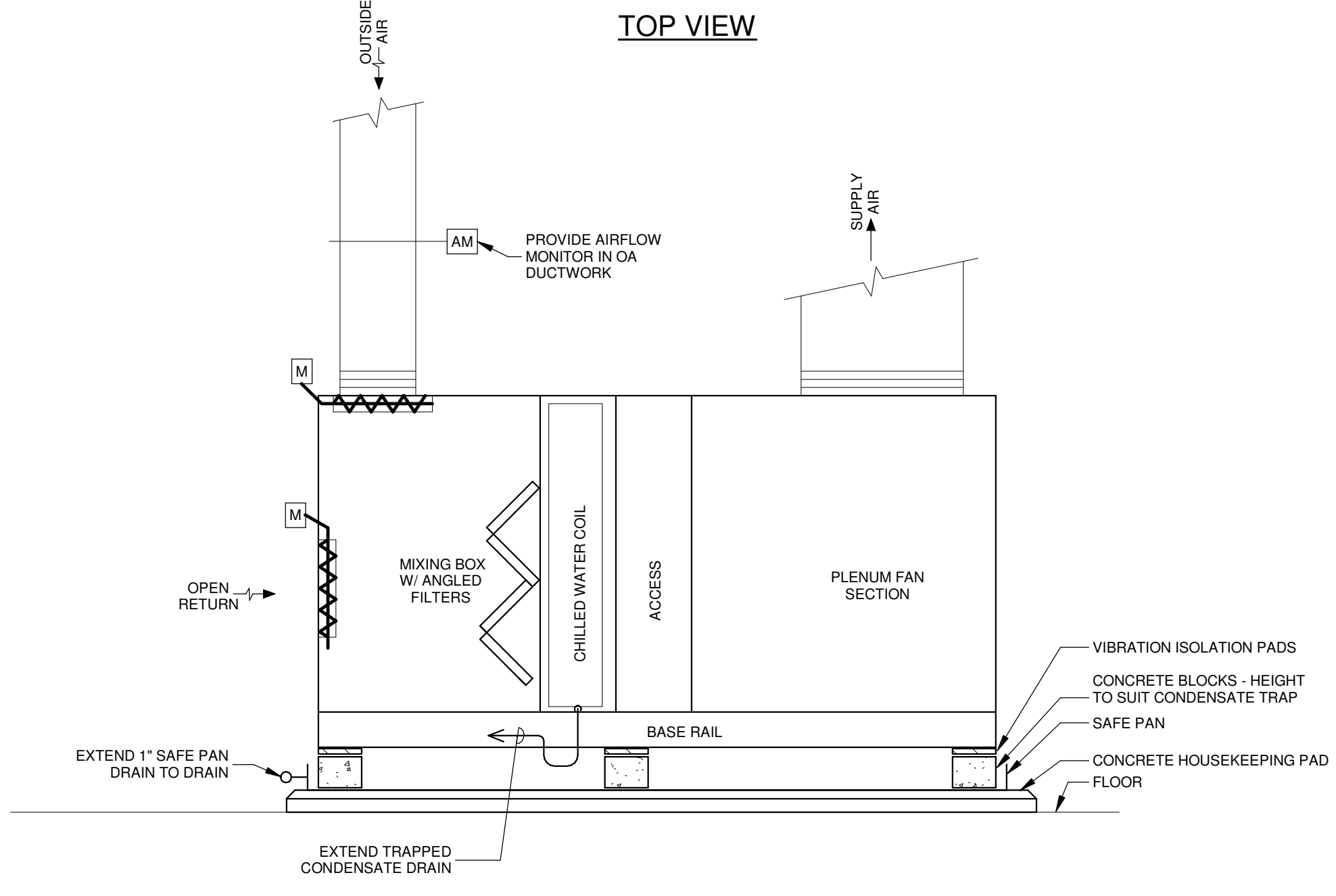
PERMIT DOCUMENTS

DESIGNED BY	DCC	CHECKED BY	DCC
DRAWN BY	BJT	DATE	05.05.2023
SHEET TITLE			
ENLARGED PARTIAL FLOOR PLAN - AREA D			
PROJECT NO.	MBA - 11884	SHEET NO.	M106
	ABM - 201813		

GVA ENGINEERING, L.L.C.
 PROJECT No. 3931

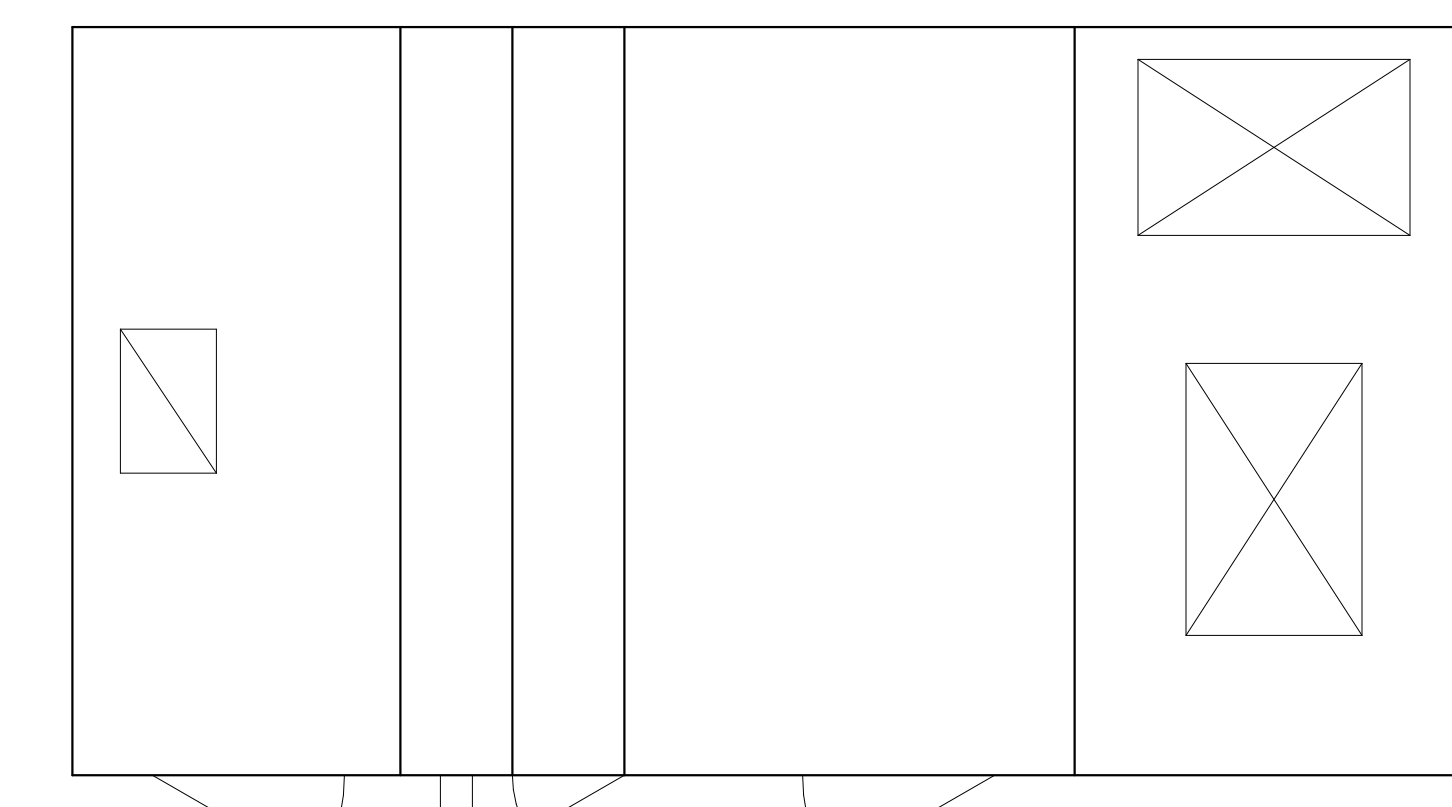


TOP VIEW

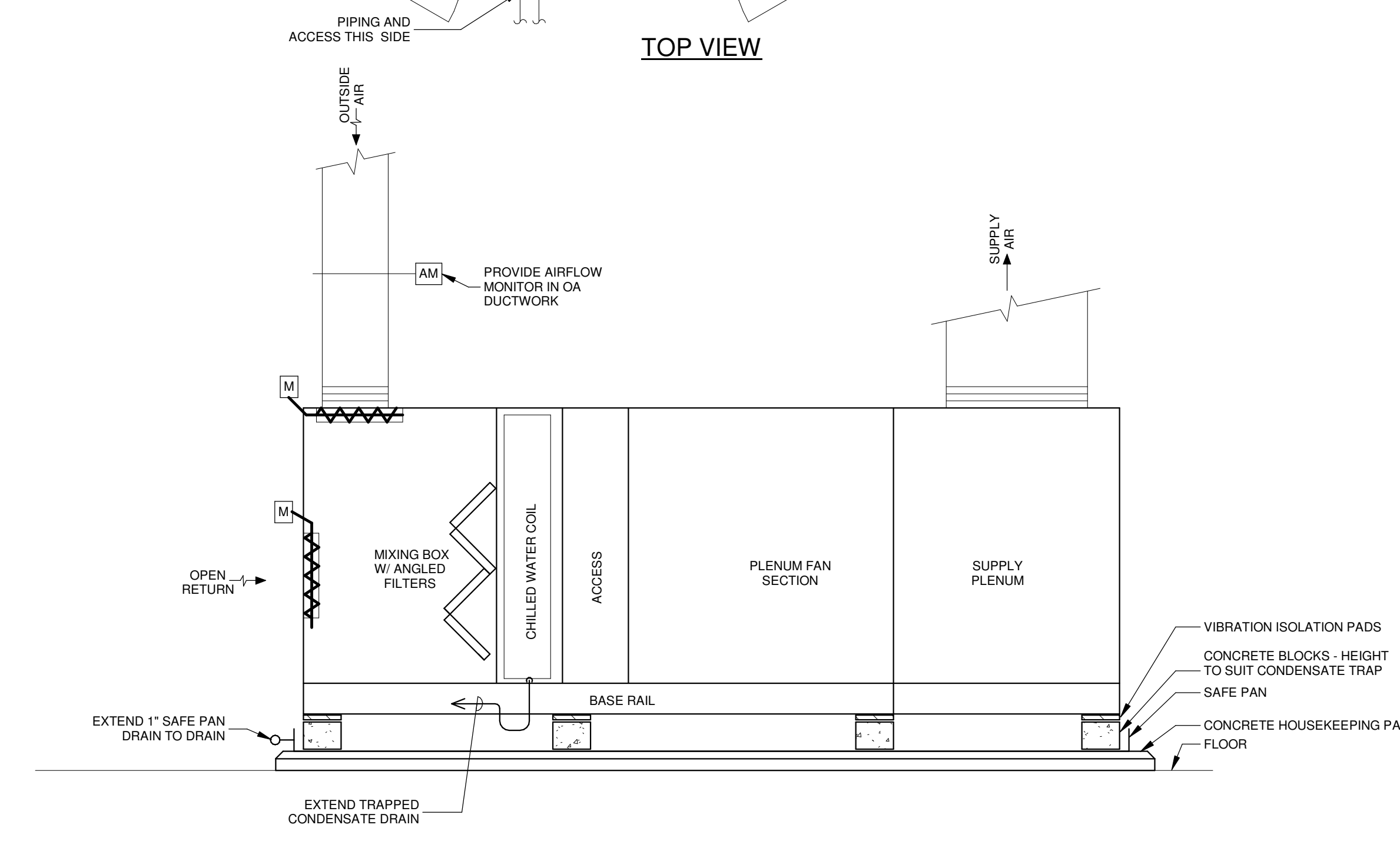


SIDE VIEW

AIR HANDLING UNIT AHU-1 (AHU-2 SIMILAR)
AHU-1 INSTALLATION SCHEMATIC
NOT TO SCALE

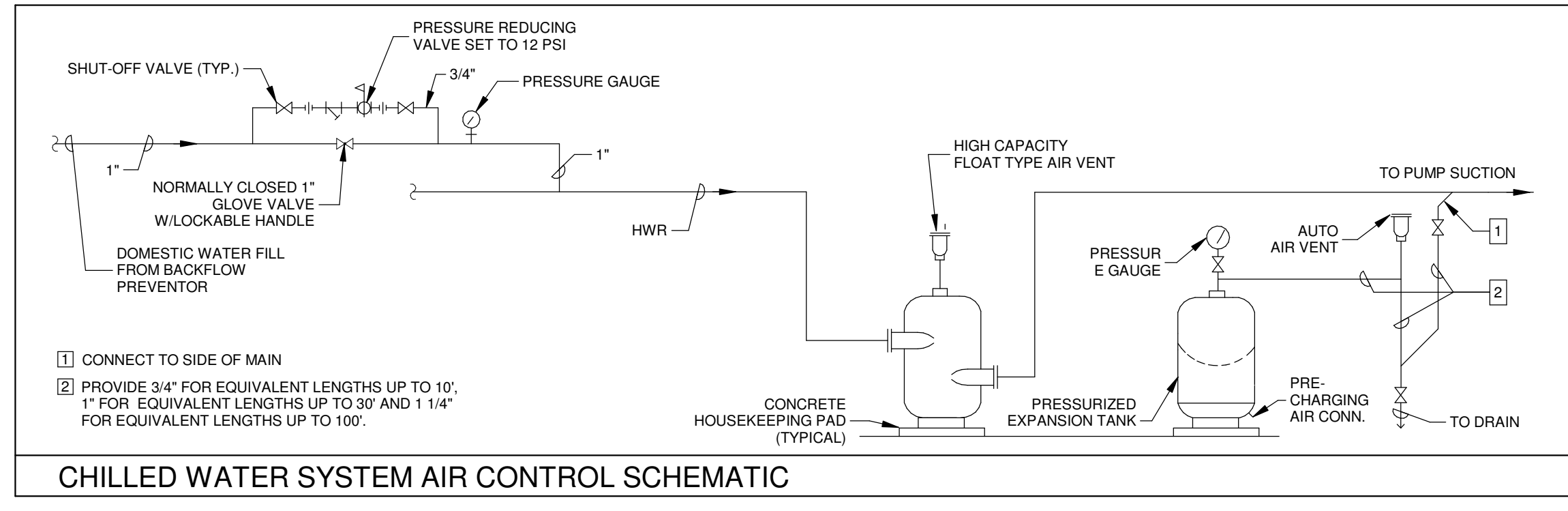


TOP VIEW



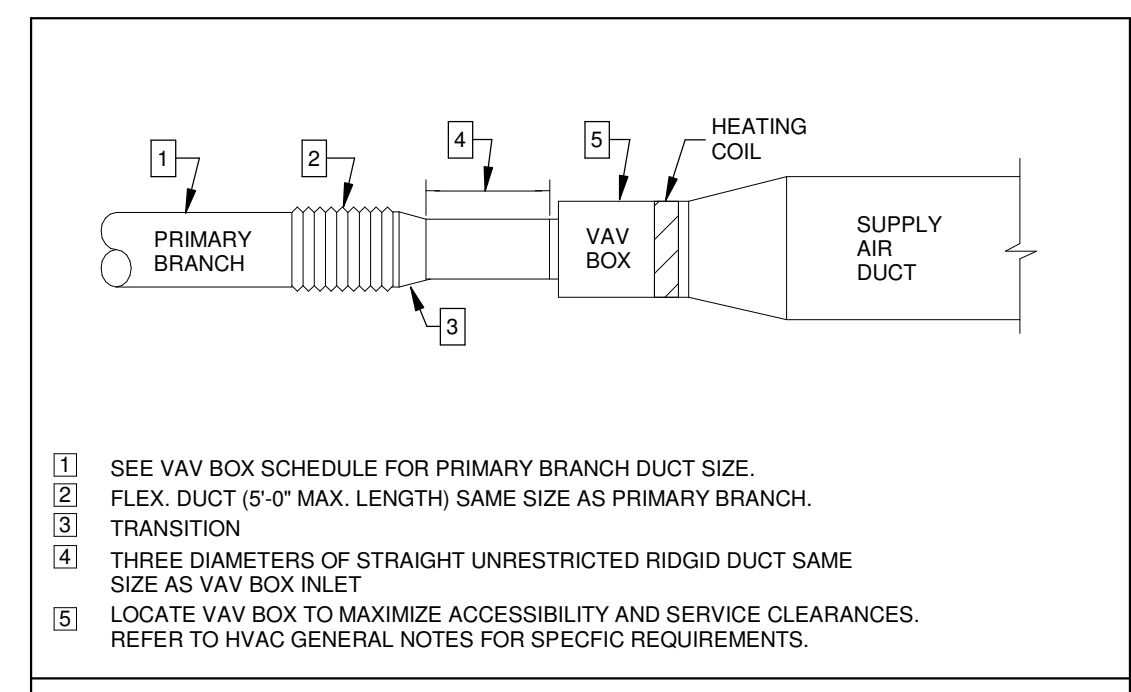
SIDE VIEW

AIR HANDLING UNIT AHU-3
AHU-3 INSTALLATION SCHEMATIC
NOT TO SCALE

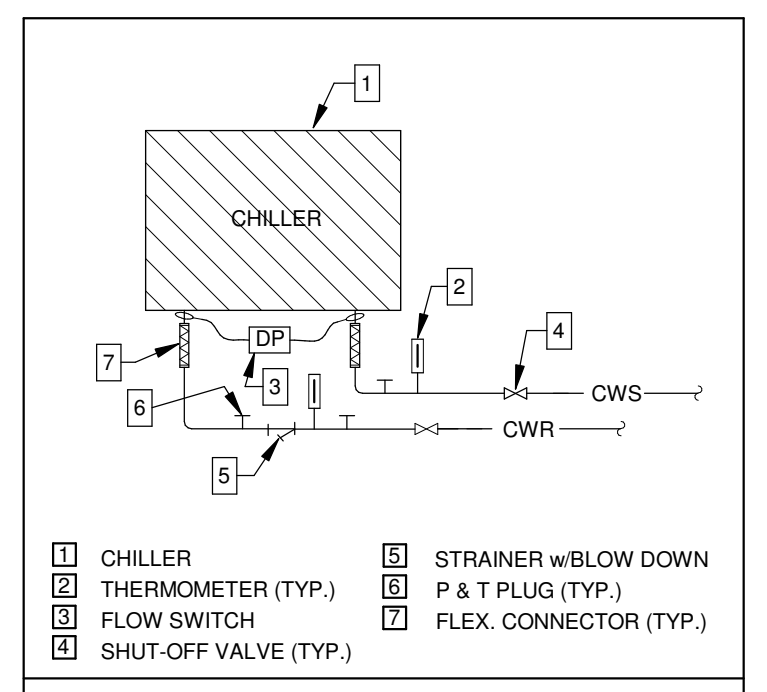


CHILLED WATER SYSTEM AIR CONTROL SCHEMATIC
EQUIVALENT LENGTHS UP TO 30' AND 1 1/4" FOR EQUIVALENT LENGTHS UP TO 100'

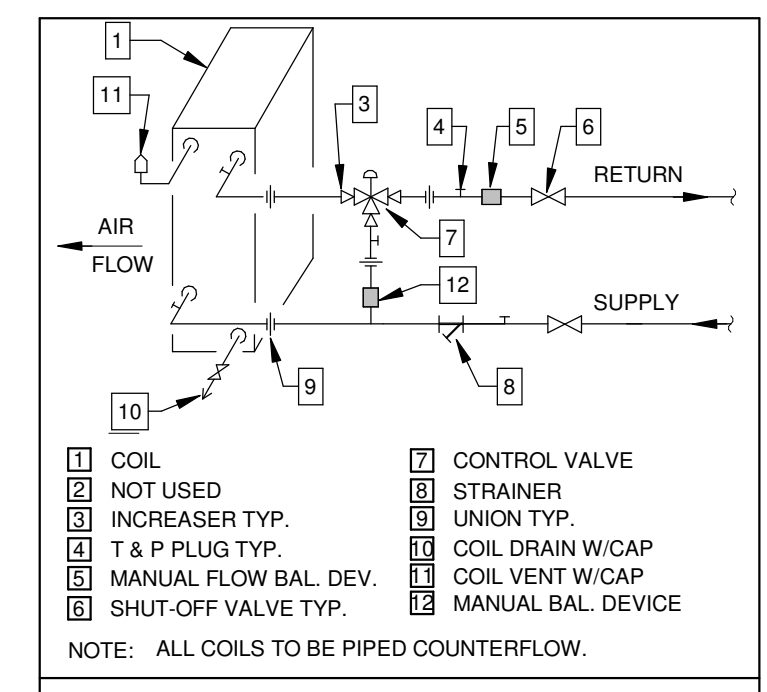
MECHANICAL LEGEND	
	NEW DUCTWORK, PIPING, EQUIPMENT
	CEILING DIFFUSER
	RETURN OR EXHAUST AIR GRILLE OR REGISTER
	BOX ID, BOX TYPE
	FAN POWERED VAV BOX
	VAV BOX
	PREINSULATED FLEXIBLE DUCT
	TRANSITION IN SIZE
	MANUAL VOLUME DAMPER
	MANUAL VOLUME DAMPER (MVD)
	THERMOSTAT
	CARBON DIOXIDE SENSOR
	FIRE DAMPER
	SMOKE DAMPER
	MOTORIZED DAMPER
	SPECIFIC NOTE
	RETURN GRILLE
	FIRE DAMPER
	CEILING DIFFUSER
	VARIABLE AIR VOLUME
	RETURN AIR
	SUPPLY AIR
	SUPPLY REGISTER
	LINEAR SUPPLY REGISTER
	OUTSIDE AIR
	ABOVE CEILING RETURN (TRANSFER DUCT)
	EXHAUST FAN
	ABOVE FINISHED FLOOR
	CHILLED WATER SUPPLY & RETURN



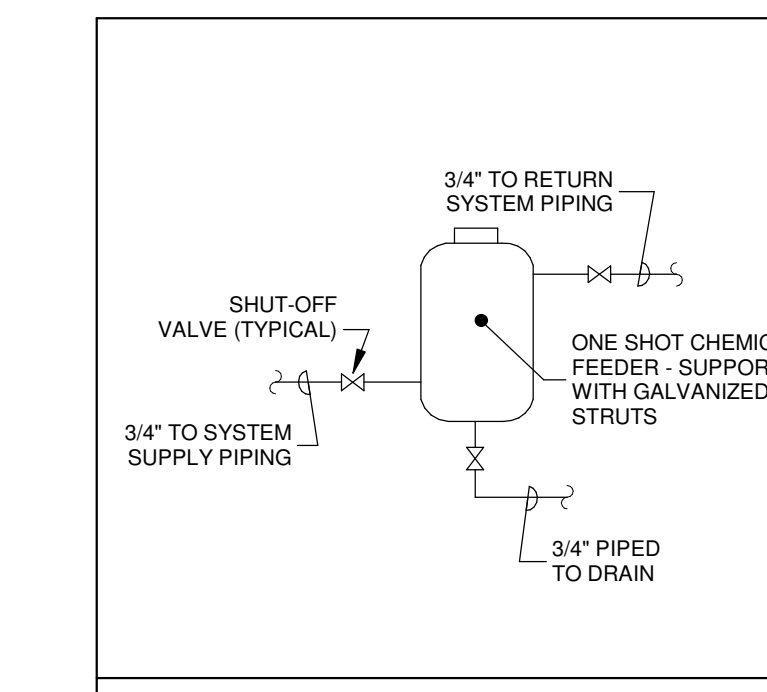
VAV BOX
FIELD COORDINATE RIGHT VS LEFT HAND CONFIGURATION FOR EACH BOX BEFORE RELEASING FOR FABRICATION.



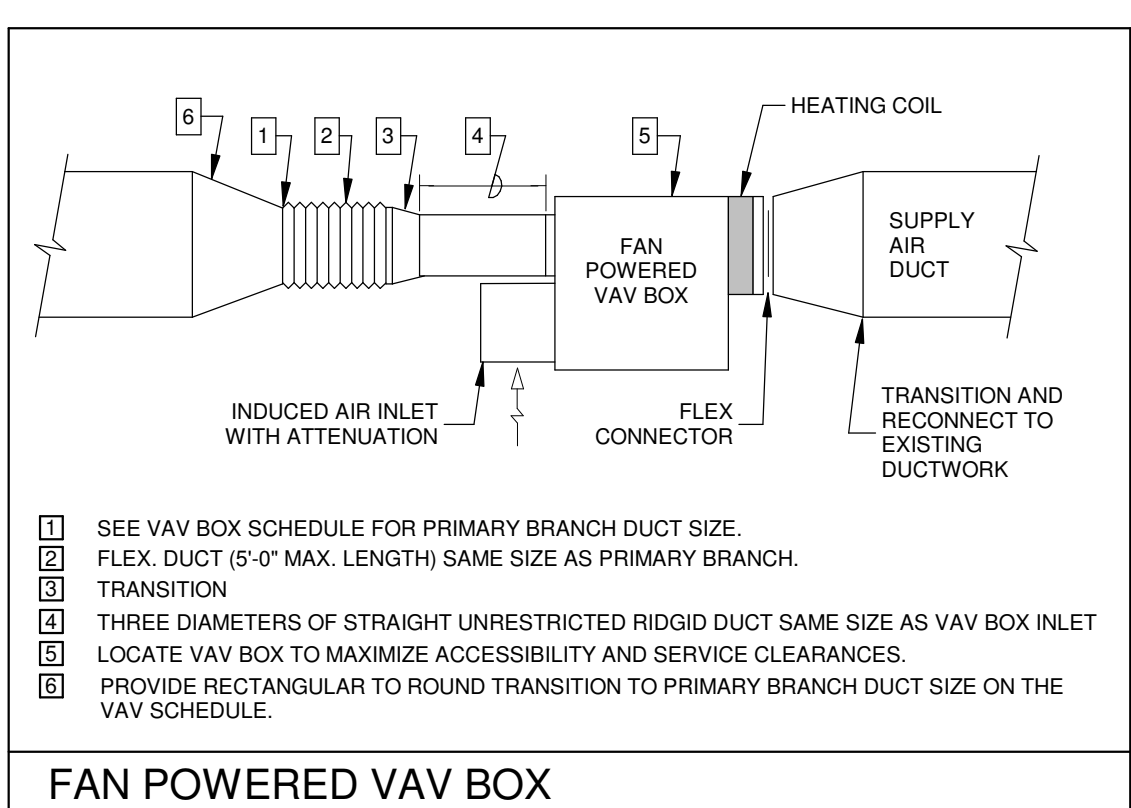
AIR COOLED CHILLER



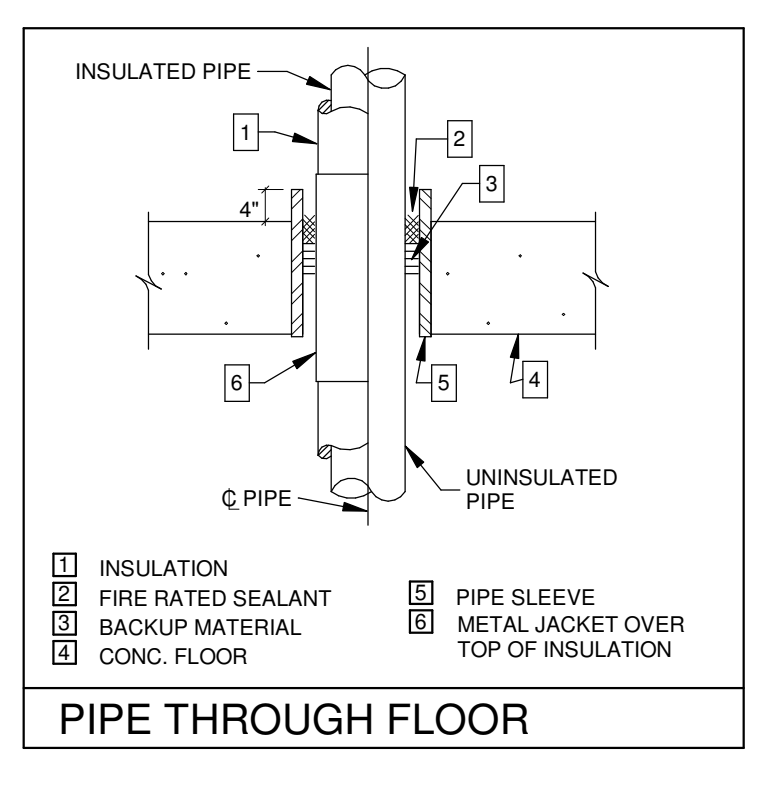
CHILLED WATER COIL
PIPING SHALL BE ARRANGED WITH UNIONS OR FLANGES FOR COIL PULL AND FOR CONTROL VALVE SERVICE. ADD UNIONS OR FLANGES IF NECESSARY TO MEET BOTH REQUIREMENTS.
WHERE MULTI-SECTION COILS ARE USED, PROVIDE FULL SIZE HEADER WITH FLOW BALANCING VALVES IN BRANCH RETURN PIPING FOR EACH COIL.



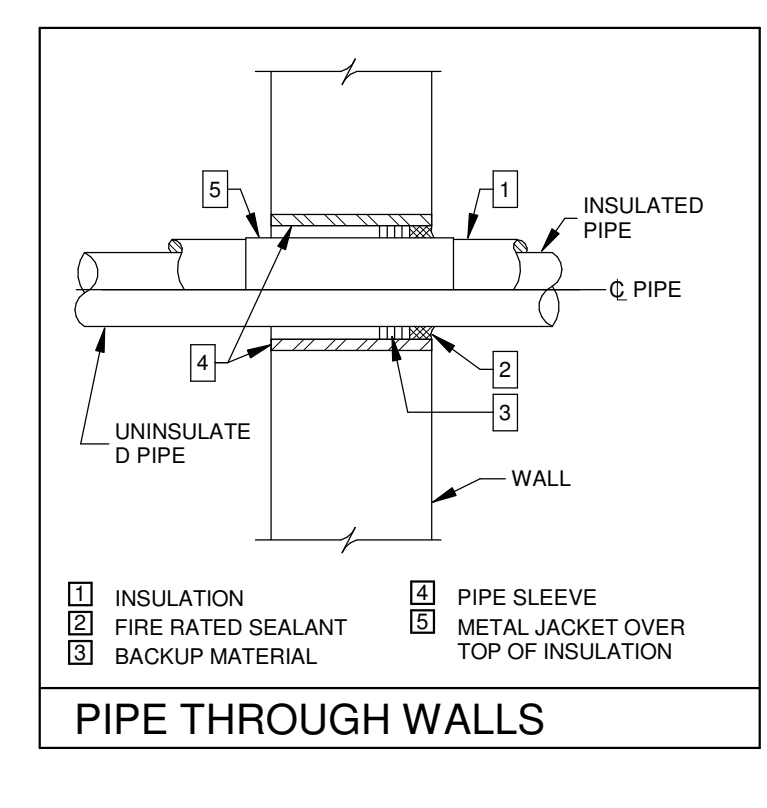
CHEMICAL SHOT FEEDER
PROVIDE A CHEMICAL SHOT FEEDER ACROSS CWS&R MAINS AT CHILLER PAD.



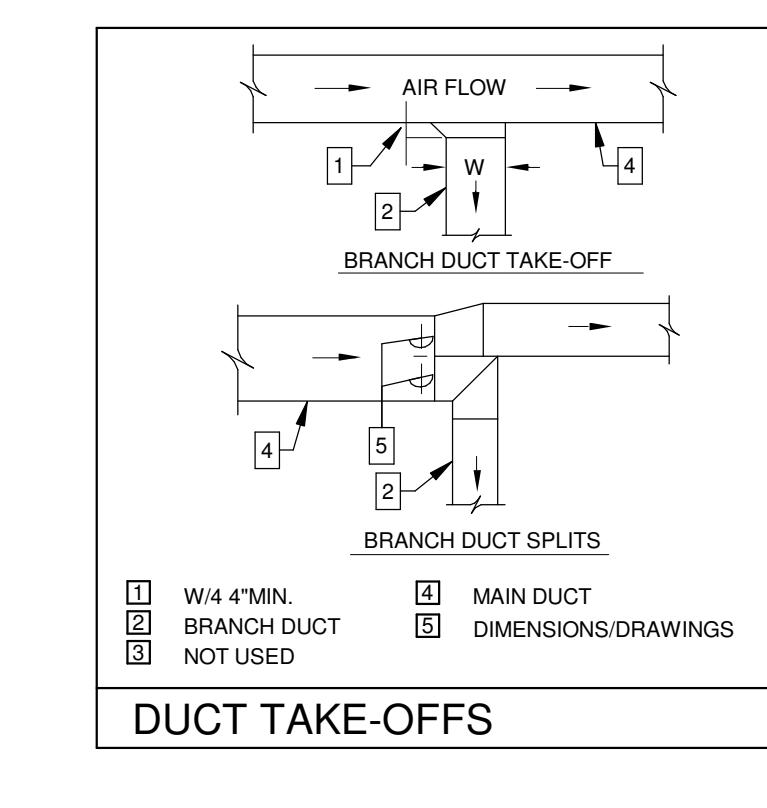
FAN POWERED VAV BOX
FIELD COORDINATE RIGHT VS LEFT HAND CONFIGURATION OF EACH VAV BOX BEFORE RELEASING FOR FABRICATION.



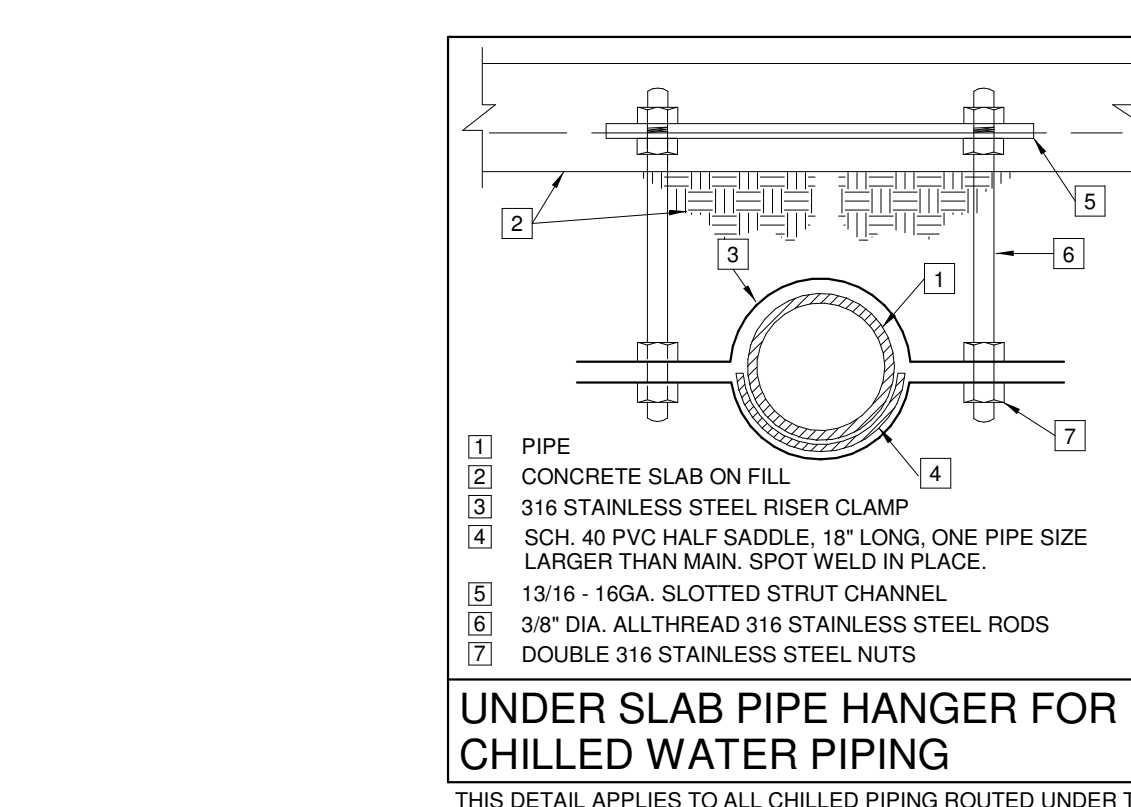
PIPE THROUGH FLOOR



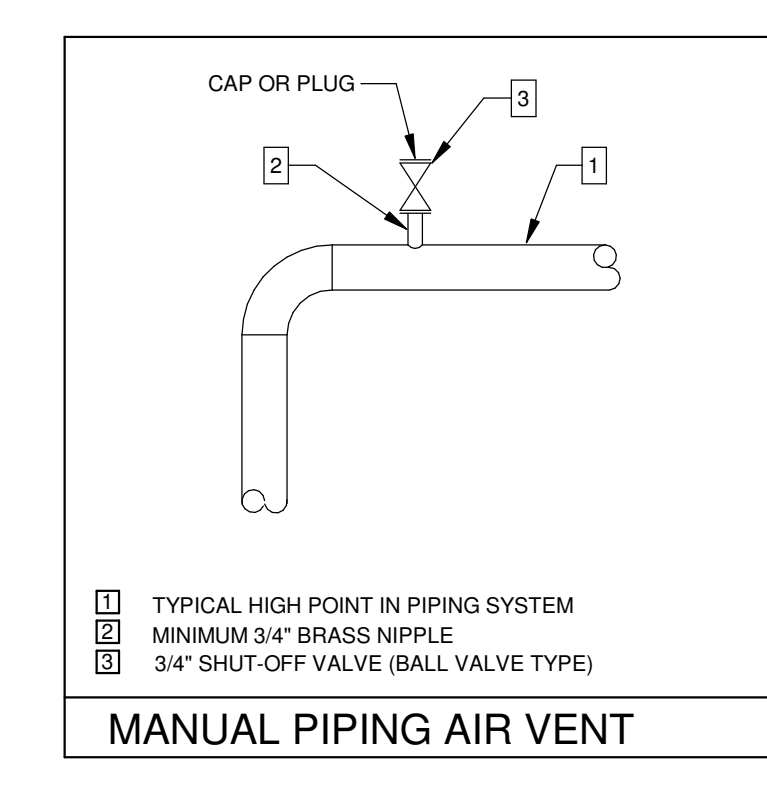
PIPE THROUGH WALLS



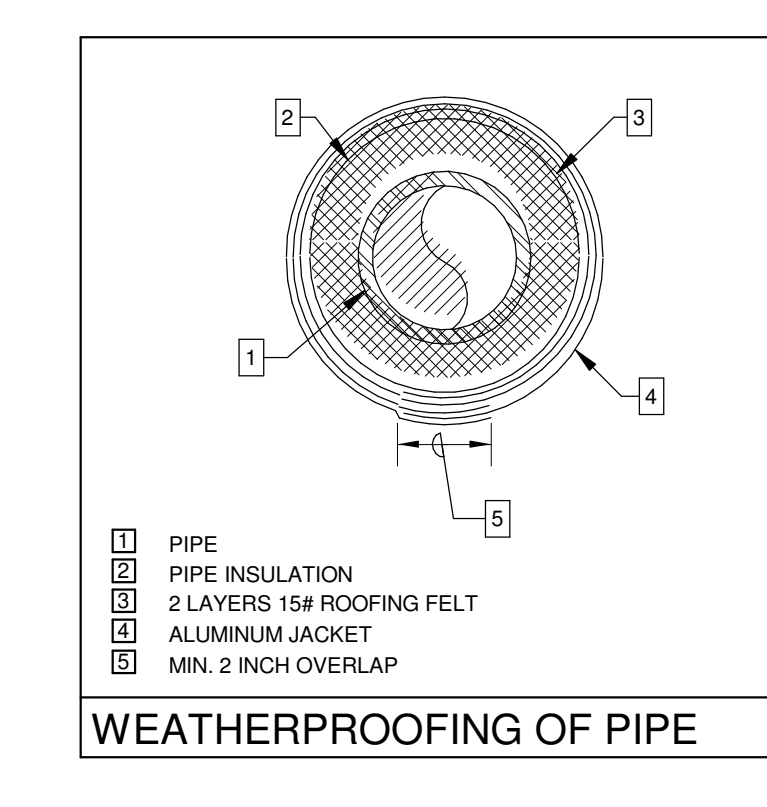
DUCT TAKE-OFFS



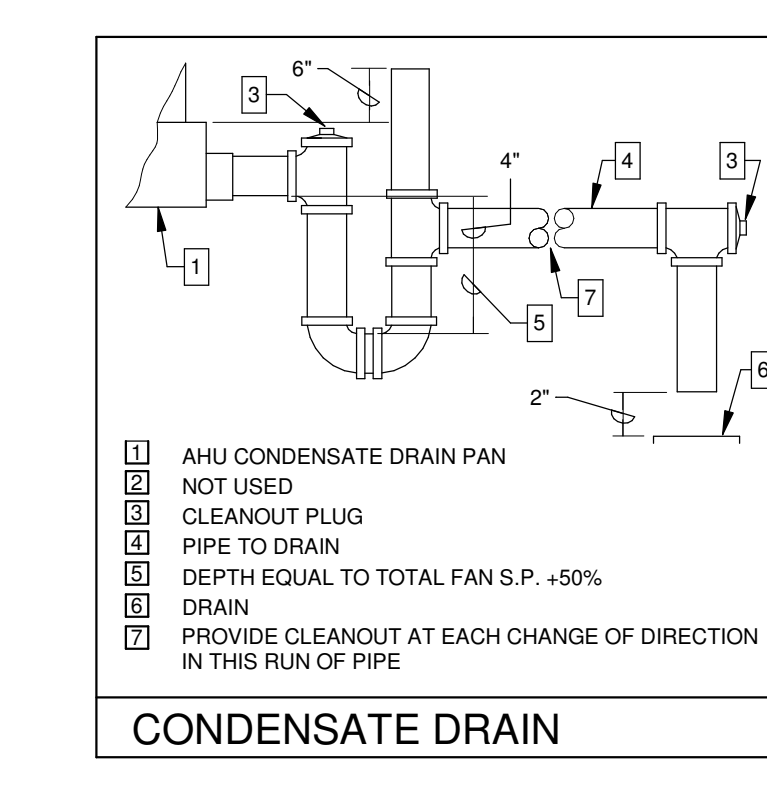
UNDER SLAB PIPE HANGER FOR CHILLED WATER PIPING
THIS DETAIL APPLIES TO ALL CHILLED PIPING ROUTED UNDER THE BUILDING SLAB. PROVIDE A HANGER WITHIN 12" OF WHERE PIPING PENETRATES THE SLAB, WITHIN 12" OF ALL FITTINGS AND THEN SPACED NOT MORE THAN 4'-0" ON CENTERS.



MANUAL PIPING AIR VENT



WEATHERPROOFING OF PIPE



CONDENSATE DRAIN

No.	Description	Date

KEY PLAN

5-5-23

Mathes Briere + **JBM**
ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
New Orleans, Louisiana 70170-4100
Voice: 504.586.5903. Fax: 504.582.1305

300 Heymann Blvd.
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PROJECT TITLE

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PERMIT DOCUMENTS

DESIGNED BY	DCC	CHECKED BY	DCC
DRAWN BY	GVT	DATE	05.05.2023
SHEET TITLE	HVAC DETAILS		
PROJECT NO.	MBA - 11884	SHEET NO.	M201
	ABM - 201813		

GVA ENGINEERING, L.L.C.
PROJECT No. 3931

DUCTLESS SPLIT INDOOR UNITS			
UNIT	UNIT NUMBER	DHS-1	
	TYPE	HIGH SIDEWALL	
BLOWER	MANUFACTURER	MITSUBISHI	
	MODEL NUMBER	PKA-2447	
COOLING	MOTOR POWER	56 WATTS	
	VOLTAGE/PHASE	208/1	
HEAT PUMP	TOTAL CAPACITY (MBH)	24	
	SENSIBLE CAPACITY (MBH)	18.5	
ELECTRICAL	ENTERING AIR DB (°F)	80	
	ENTERING AIR WB (°F)	67	
UNIT	HEATING CAPACITY (MBH)	-	
	SINGLE POINT CONNECTION	YES	
ELECTRICAL	POWER INPUT (VOLTAGE/PHASE/AMPS)	208/1/56 WATTS	

ALL INDOOR UNITS SHALL HAVE AN INTEGRAL CONDENSATE PUMP AND LIFT CONDENSATE HIGH ENOUGH ABOVE THE CEILING TO ALLOW FOR SLOPING OF CONDENSATE DRAIN PIPING.

PROVIDE PROGRAMMABLE SPACE THERMOSTAT FOR EACH INDOOR UNIT. THERMOSTAT SHALL BE ELECTRONIC WALL TYPE WITH AUTOMATIC HEATING/COOLING CHANGEOVER AND 7-DAY SCHEDULING. ALSO PROVIDE CONTROL DEVICES REQUIRED FOR COMMUNICATION BETWEEN INDIVIDUAL SYSTEM COMPONENTS.

PROVIDE ALL NECESSARY CONTROLS FOR INTEGRATION WITH THE EMCS SYSTEM.

THE EQUIPMENT AND CONTROL SYSTEM SUBMITTALS SHALL BE PREPARED AND THEN SHALL BE SUBMITTED AS A SINGLE PACKAGE. THESE SUBMITTALS SHALL DEMONSTRATE THAT ALL OF THE LABOR MATERIALS, COMPONENTS AND APPURTENANCES ARE PROVIDED FOR A COMPLETE AND PROPERLY OPERATING SYSTEM HEATING CAPACITY BASED ON 70°F INDOOR AIR AND 47°F OUTDOORS.

POWER FOR INDOOR UNIT SHALL BE ROUTED FROM ASSOCIATED CONDENSING UNIT.

DUCTLESS SPLIT CONDENSING UNIT SCHEDULE (OUTDOOR UNITS)			
CONDENSING UNIT NUMBER		CU-1	
MATCHED UNIT		DHS-1	
MANUFACTURER		MITSUBISHI	
TYPE		MINI SPLIT	
REFRIGERANT TYPE		R-410A	
MODEL NUMBER		PUY-A2AH47	
OPERATING WEIGHT (LBS)		200	
AMBIENT TEMP (°F)		95	
COMPRESSOR DATA		NUMBER 1	
ACCESSORIES	LOW AMBIENT CONTROLS	YES	
	CAPACITY REDUCTION	YRF	
UNIT ELECTRICAL	COIL-HAL GUARDS	YES	
	VOLTAGE/PHASE	208/1	
UNIT ELECTRICAL	MINIMUM CIRCUIT AMPS (MCA)	19	
	MAX OVER-CURRENT PROTECTION (MOP)	26	

THE EQUIPMENT MANUFACTURER SHALL PROVIDE DETAILS OF REFRIGERANT PIPING FOR EACH SYSTEM BASED ON FIELD CONDITIONS AND ON INSTALLED LENGTHS. DETAILS SHALL INCLUDE SIZES, SLOPE, TRAPS, FITTINGS AND OTHER REQUIREMENTS FOR STRICT CONFORMANCE WITH THE MANUFACTURER'S INSTALLATION REQUIREMENTS.

THE EQUIPMENT MANUFACTURER SHALL PROVIDE A FACTORY TRAINED REPRESENTATIVE TO PROVIDE START-UP AND TESTING OF DUCTLESS SPLIT SYSTEMS.

PROVIDE FIELD INSTALLED REFRIGERANT ACCESSORIES TO FORM A COMPLETE SYSTEM.

CONDENSING UNITS SHALL BE FACTORY WIRED FOR SINGLE POINT POWER CONNECTION.

PROVIDE 5 YEAR WARRANTY ON COMPRESSORS.

PROVIDE WITH HAL GUARDS.

UNIT SHALL BE SUITABLE FOR OUTDOOR AMBIENT TEMPERATURE FROM -40°F TO 115°F.

FAN POWERED VAV BOX SCHEDULE																
BOX TYPE	FP1-1	FP1-2	FP1-3	FP1-4	FP1-5	FP1-6	FP1-7	FP1-8	FP1-9	FP1-10	FP1-11	FP1-12	FP1-13	FP1-14	FP1-15	FP1-16
MANUFACTURER	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS
MODEL	DTFS-F	DTFS-F	DTFS-F	DTFS-F	DTFS-F	DTFS-F	DTFS-F	DTFS-F	DTFS-F	DTFS-F	DTFS-F	DTFS-F	DTFS-F	DTFS-F	DTFS-F	DTFS-F
TYPE (FAN CONFIGURATION)	SERIES	SERIES	SERIES	SERIES	SERIES	SERIES	SERIES	SERIES	SERIES	SERIES	SERIES	SERIES	SERIES	SERIES	SERIES	SERIES
UNIT SIZE	E	E	G	G	E	E	E	E	E	E	D	D	E	E	E	C
INLET SIZE (INCHES)	14	14	16	16	14	16	14	14	14	14	12	12	14	16	10	10
PRIMARY DUCT SIZE (INCHES)	16	16	18	18	16	18	16	16	16	16	14	14	16	18	12	12
MAX PRIMARY AIR CFM	1950	1950	2400	2400	1350	2100	1500	1500	1500	1500	1800	1200	1800	2000	800	800
MIN PRIMARY AIR CFM	450	450	580	580	450	580	450	450	450	450	325	325	450	580	230	230
DOWNSTREAM STATIC PRESSURE (IN WG)	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
FAN CFM	1950	1950	2400	2400	1350	2100	1500	1500	1500	1500	1800	1200	1800	2000	800	800
FAN EXTERNAL STATIC (IN WG)	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
FAN HORSEPOWER	3/4	3/4	1	1	3/4	3/4	3/4	3/4	3/4	3/4	1/2	1/2	3/4	3/4	1/3	1/3
HEATING COIL CFM	1950	1950	2400	2400	1350	2100	1500	1500	1500	1500	1800	1200	1800	2000	800	800
ELECTRIC HEAT KW/VOLTAGE/PHASE	8.5/480/3	8.5/480/3	11.5/480/3	11.5/480/3	7.0/480/3	13/480/3	10.5/480/3	10.5/480/3	10.5/480/3	17.0/480/3	5.5/480/3	4.0/277/1	13/480/3	5.0/480/3	5.0/277/1	5.0/277/1
ELECTRIC HEAT CONTROL STEPS	SCR	SCR	SCR	SCR	SCR	SCR	SCR	SCR	SCR	SCR	SCR	SCR	SCR	SCR	SCR	SCR
MAX UNIT NC LEVEL (RADIATED/DISCHARGE)	41/38	41/38	48/37	48/37	32/29	42/44	34/31	34/31	34/31	34/31	38/36	31/28	31/28	38/36	41/43	27/24

EACH UNIT SHALL BE FACTORY WIRED FOR SINGLE POINT ELECTRICAL FIELD CONNECTION FOR FAN, CONTROLS & ELECTRIC HEAT.

PROVIDE A ECM FAN MOTOR WITH FULLY PROGRAMMABLE FAN CONTROLLER.

CONTROLS SHALL BE DIRECT DIGITAL CONTROL (DDC) TYPE. PROVIDE EACH BOX WITH FACTORY MOUNTED CONTROL POWER TRANSFORMER AND MULTI-POINT INLET VELOCITY SENSOR WITH CENTER AVERAGING. FULLY COORDINATE WITH WORK DESCRIBED IN CONTROL SPECIFICATION SECTION PRIOR TO BIDDING. COORDINATE TRADES TO PROVIDE A COMPLETE AND FULLY OPERATIONAL CONTROL SYSTEM WITHOUT DUPLICATION BETWEEN TRADES. ALL CONTROL DEVICES SHALL BE FACTORY MOUNTED.

ALL NC LEVELS SHALL BE DETERMINED USING AHRI 885-2008 APPENDIX E. PROVIDE SOUND NC CALCULATIONS WITH THE VAV BOX SUBMITTAL.

WHERE SCR IS SHOWN FOR HEATER CONTROL STEPS, PROVIDE FULL MODULATING SCR HEATER CONTROLS.

CASING SHALL BE MINIMUM OF 20 GAUGE GALVANIZED STEEL WITH NON-POROUS, SEALED LINER. EDGES OF INSULATION SHALL BE SEALED FROM THE AIRSTREAM.

CASING SHALL HAVE BOTTOM ACCESS PANEL FOR SERVING WITHOUT DISTURBING DUCT CONNECTIONS

VAV BOX SCHEDULE																	
BOX DESIGNATION	VAV-11	VAV-12	VAV-13	VAV-14	VAV-15	VAV-21	VAV-22	VAV-23	VAV-31	VAV-32	VAV-33	VAV-34	VAV-35	VAV-36	VAV-37	VAV-38	VAV-39
MANUFACTURER	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS
MODEL NUMBER	DESV	DESV	DESV	DESV	DESV	DESV	DESV	DESV	DESV	DESV	DESV	DESV	DESV	DESV	DESV	DESV	DESV
INLET SIZE (INCH)	5	8	14	6	14	4	9	7	8	7	5	8	5	9	5	5	5
PRIMARY AIR BRANCH DUCT (INCH)	7	10	16	8	16	12	12	9	10	9	7	10	7	12	7	7	7
MAX COOLING CFM	250	620	1800	300	1800	1000	750	450	600	445	250	600	250	750	800	200	200
MIN COOLING CFM	65	145	450	80	450	230	175	105	145	105	65	145	65	175	65	65	65
HEATING CFM	125	210	600	150	600	350	250	225	300	220	300	300	125	375	265	100	125
ENTERING AIR TEMP °F	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
LEAVING AIR TEMP °F	85	85	87	85	87	86.3	92.5	96.7	88.8	88.3	95.7	85.2	85.0	85.7	86.2	92.5	92.5
CAPACITY(KW)	1.2	2.0	6.1	1.5	6.1	3.5	3.0	3.0	4.2	2.2	2.6	2.9	1.2	3.6	2.6	1.0	1.5
CONTROL STEPS	SCR	SCR	SCR	SCR	SCR	SCR	SCR	SCR	SCR	SCR	SCR	SCR	SCR	SCR	SCR	SCR	SCR
VOLTAGE / PHASE	277/1	277/1	277/1	277/1	277/1	277/1	277/1	277/1	277/1	277/1	277/1	277/1	277/1	277/1	277/1	277/1	277/1

MAX. ROOM NC IS 30 @ 1.0 IN WG BASED ON 100B ROOM ABSORPTION, RE10-12 WATTS.

CONTROLS SHALL BE DIRECT DIGITAL CONTROL (DDC) TYPE. PROVIDE EACH BOX WITH FACTORY MOUNTED CONTROL POWER TRANSFORMER AND MULTI-POINT INLET VELOCITY SENSOR WITH CENTER AVERAGING. FULLY COORDINATE WITH WORK DESCRIBED IN CONTROL SPECIFICATION SECTION PRIOR TO BIDDING. COORDINATE TRADES TO PROVIDE A COMPLETE AND FULLY OPERATIONAL CONTROL SYSTEM WITHOUT DUPLICATION BETWEEN TRADES. ALL CONTROL DEVICES SHALL BE FACTORY MOUNTED.

CASING SHALL BE MINIMUM OF 22 GAUGE GALVANIZED STEEL WITH NON-POROUS, SEALED LINER. EDGES OF INSULATION SHALL BE SEALED FROM THE AIRSTREAM.

SCR HEATERS SHALL BE FULLY MODULATING TYPE.

BLOWER COIL UNIT SCHEDULE			
UNIT	BLOWER COIL UNIT TYPE (BCU)		BCU-1
	MANUFACTURER	TRANE	
BLOWER	MODEL	BCV024	
	TYPE	VERTICAL DRAW-THRU	
BLOWER	OPERATING WEIGHT	450	
	TOTAL CFM	800	
BLOWER	OUTSIDE AIR CFM	0	
	EXTERNAL STATIC PRESS (INCH WG)	0.75	
BLOWER	MOTOR HORSEPOWER	1.2	
	VOLTAGE/PHASE	277/1	
BLOWER	MCA	31.78	
	MAX FUSE SIZE	35	
BLOWER	TOTAL CAPACITY (MBH)	19.85	
	SENSIBLE CAPACITY (MBH)	18.3	
BLOWER	ENTERING AIR DB (°F)	75	
	ENTERING AIR WB (°F)	62.5	
BLOWER	GPM	3	
	ENTERING WATER TEMP (°F)	45.54	
BLOWER	MAX WATER PRESS DROP (FEET WG)	10	
	MIN ROWS	6	
BLOWER	COIL POSITION	REHEAT	
	TYPE	ELECTRIC	
BLOWER	KW/VOLTAGE/PHASE	6.5/277/1	
	NUMBER OF CONTROL STEPS	2	
ACCESSORIES	FILTER RACK	YES-2" FLAT MERV 11	
	CHILLED WATER	1"	
ACCESSORIES	HOT WATER	-	
	CONDENSATE DRAIN	1"	

EACH BLOWER COIL UNIT SHALL BE FACTORY WIRED FOR SINGLE POINT FIELD CONNECTION FOR FAN, HEATER AND CONTROLS AND SHALL BE EQUIPPED WITH AN INTEGRAL MOTOR CONTACTOR, INTEGRAL ELECTRICAL DISCONNECT SWITCH AND MOTOR THERMAL OVERLOAD PROTECTION.

FAN SCHEDULE			
FAN NUMBER	EF-1	EF-2, 3, 4 & 5	
LOCATION	ROOF	SEE PLAN	
AREA SERVED	TOILETS & JAN.	TOILET ROOM	
MANUFACTURER	GREENHECK	GREENHECK	
MODEL NUMBER	G-101-A	SP-A110	
TYPE	CENTRIFUGAL ROOF	CEILING	
TYPE OF DRIVE	BELT	DIRECT	
CFM	800	75	
EXT STATIC PRESS (INCHES WG)	0.375	0.25	
MAX. SONES	9	5	
RPM	1725	1400	
MIN MOTOR HORSEPOWER	1/4	49 WATTS	
VOLTAGE/PHASE	115/1	115/1	
ACCESSORIES	PREFAB ROOF CURB	YES	
	BACKDRAFT DAMPER	YES	
	THERMAL OVERLOADS	YES	
	DISCONNECT SWITCH	YES, EXTERNALLY MOUNTED NEMA 3R	
ACCESSORIES	ISOLATORS	--	
	INTERLOCKED WITH	EMCS MOTION DETECTOR	
	SOL ST SPEED CONT.	--	
	GRILLE	--	

SOLID STATE SPEED CONTROLLERS ARE INTENDED FOR BALANCING. MOUNT CONTROLLER TO FAN HOUSING AND PERMANENTLY MARK BALANCED POSITION.

AIR HANDLING UNIT SCHEDULE				
UNIT	AHU NUMBER (AHU)	AHU-1	AHU-2	AHU-3
	TYPE	HORIZONTAL DRAW-THRU	VERTICAL DRAW-THRU	HORIZONTAL DRAW-THRU
BLOWER	LOCATION	SEE PLAN	SEE PLAN	SEE PLAN
	MANUFACTURER	TRANE	TRANE	TRANE
BLOWER	MODEL NUMBER	CSA030	CSA030	CSA030
	OPERATING WEIGHT (LBS)	3500	3500	3500
BLOWER	TOTAL CFM	12,000	11,000	11,000
	OUTSIDE AIR CFM	1,400	1,390	1,390
BLOWER	TOTAL STATIC PRESSURE (INCH WG)	3.8	3.8	3.8
	EXTERNAL STATIC PRESSURE (INCH WG)	2.5	2.5	2.5
BLOWER	MOTOR HORSEPOWER	15	15	15
	VOLTAGE/PHASE	460/3	460/3	460/3
BLOWER	TYPE BLOWER WHEEL	DD PLENUM	DD PLENUM	DD PLENUM
	TOTAL CAPACITY (MBH)	418	410	410
BLOWER	SENSIBLE CAPACITY (MBH)	321	311	311
	ENTERING AIR DB (°F)	77.3	78.6	78.6
BLOWER	ENTERING AIR WB (°F)	64.2	65.2	65.2
	LEAVING AIR DB (°F)	52.9	52.9	52.9
BLOWER	LEAVING AIR WB (°F)	51.8	52.6	52.6
	GPM	70	68	68
BLOWER	ENTERING / LEAVING WATER TEMP (°F)	45/57	45/57	45/57
	MAX COIL FACE VELOCITY (FPM)	500	500	500
BLOWER	MAX AIR PRESS DROP (INCHES WG)	1.0	1.0	1.0
	MAX WATER PRESS DROP (FEET WG)	10	10	10
BLOWER	MIN ROWS / MAX FMS PER INCH	6/10	6/10	6/10
	TYPE	4" PLEATED	4" PLEATED	4" PLEATED
BLOWER	EFFICIENCY (%)	MERV 13	MERV 13	MERV 13
	FILTER BOX TYPE	ANGULAR FILTER MIXING	ANGULAR FILTER MIXING	ANGULAR FILTER MIXING
ACCESSORIES	ISOLATOR TYPE	INTERNAL SPRING	INTERNAL SPRING	INTERNAL SPRING
	CHILLED WATER	3"	3"	3"
ACCESSORIES	HOT WATER	-	-	-
	CONDENSATE DRAIN	1 1/4"	1 1/4"	1 1/4"
ACCESSORIES	SUPPLY AIR OPENING	48x30 TOP	48x25 TOP & 16x18 TOP	38x22 TOP & 34x22 TOP
	OUTSIDE AIR DAMPER (OPPOSED BLADE)	18x12 TOP	18x12 TOP	18x12 TOP
ACCESSORIES	RETURN AIR DAMPER (OPPOSED BLADE)	12 SQ FT REAR	11 SQ FT REAR	11 SQ FT REAR

EXTERNAL STATIC PRESSURE INCLUDES 0.80 INCH W.G. MID-LIFE ALLOWANCE FOR PRE-FILTER LOSS, ADD PRESSURE FOR ALL AIR HANDLING UNIT COMPONENTS, PLENUM DAMPERS, CASING LOSSES, AND ACCESSORIES TO DETERMINE TOTAL STATIC PRESSURE FOR FAN SELECTION.

PROVIDE A FULL HEIGHT ACCESS DOOR AT EACH SECTION OF AIR HANDLING UNITS ON THE PIPING SIDE ONLY.

PROVIDE INTEGRAL INTERNAL 120V MARINE LIGHTING IN FAN SECTIONS. PROVIDE FACTORY ON/OFF SWITCH IN JUNCTION BOX ON EXTERIOR OF UNIT WITH FACTORY WIRED LIGHTS AND RACEWAYS WITH PLUG CONNECTION AT EACH UNIT PLUIT.

PROVIDE PERFORATED LINER IN THE FAN SECTION AND DISCHARGE PLENUM.

PROVIDE A KILL SWITCH ON PLENUM FAN ACCESS AND INLET ACCESS DOORS INTERLOCKED WITH FAN TO DE-ENERGIZE FAN AND ALLOW FAN TO STOP BEFORE DOOR CAN BE OPENED.

PROVIDE REPLACEMENT SHEAVES AND BELTS TO BALANCE AIR HANDLING UNITS TO DESIGN AIR FLOW WITH THE VARIABLE SPEED DRIVE (WHERE APPLICABLE) SET AT FULL SPEED.

AIR HANDLING UNITS SHALL BE DEMOUNTABLE TO FIT THROUGH BUILDING OPENINGS.

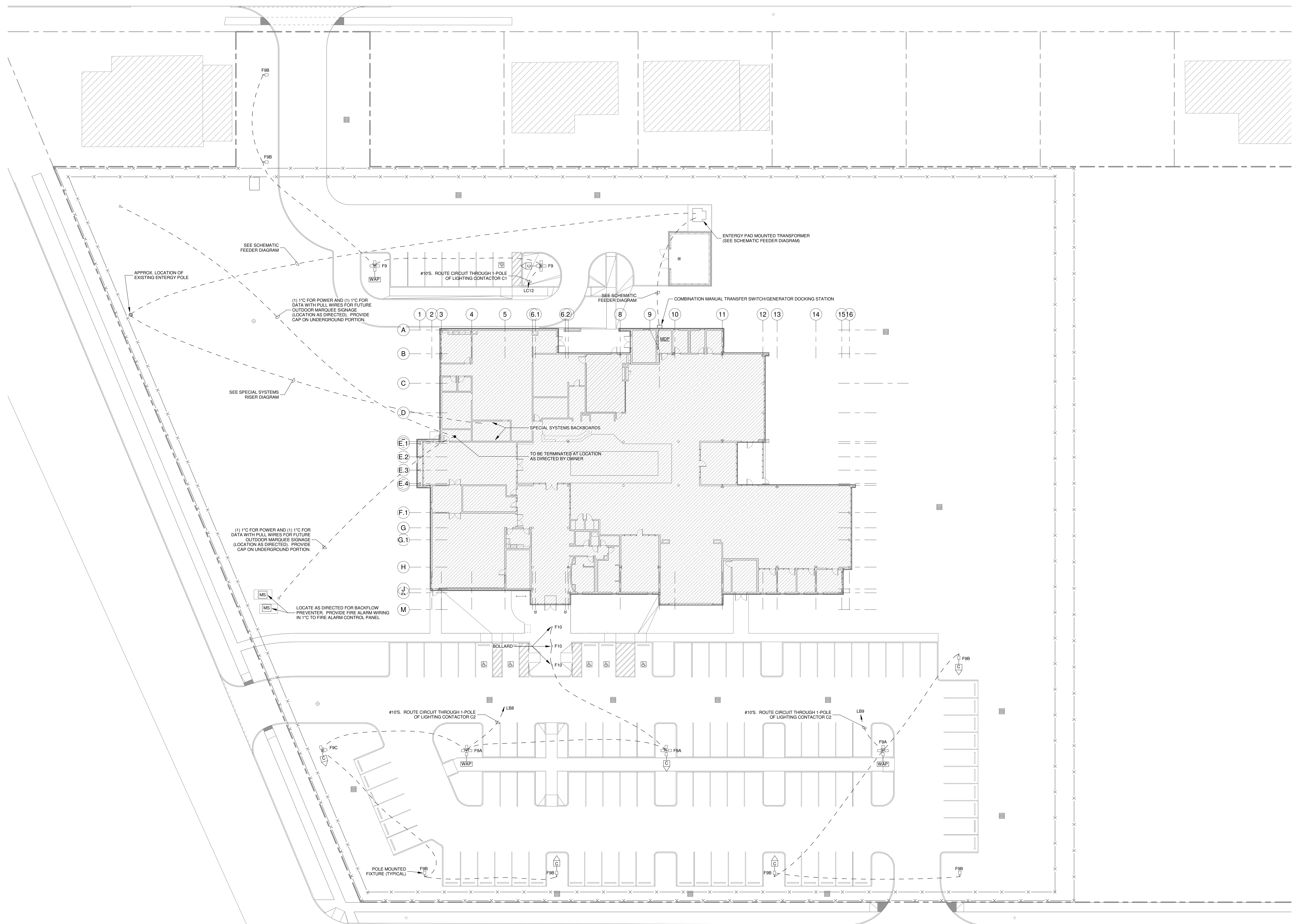
VARIABLE SPEED DRIVE SCHEDULE		
AIR HANDLING UNITS	AHU-1, 2 & 3	
PROVIDE VARIABLE SPEED DRIVES FOR THE ABOVE SCHEDULED EQUIPMENT. SEE EQUIPMENT SCHEDULES FOR HORSEPOWER, VOLTAGE AND PHASE FOR EACH UNIT.		
PROVIDE DUAL DRIVES FOR ALL DIRECT DRIVE FANS.		

CEILING FANS	
TYPE	6" CEILING FAN
MANUFACTURER	MACRO AIR
MODEL	AIRVOLUTION-D-370
TYPE	6" DIA. DIRECT DRIVE WITH AIRFOLLS & WINGLETS
VOLTAGE/PHASE/AMPS	120/1/60/1.4

FANS SHALL BE DESIGNED AND RATED FOR OUTDOOR INSTALLATION.

PROVIDE EXTENSION TUBE AS HARDWARE TO INSTALL FAN WITH A 24" HALO FREE FROM OBSTRUCTIONS ABOVE THE BLADES, BELOW THE BLADES AND AROUND THE FAN. INSTALL THE FAN AS HIGH AS POSSIBLE WHILE MAINTAINING THE 2" HALO ABOVE THE BLADES. THE BOTTOM OF THE BLADES SHALL NOT BE LESS THAN 10" ABOVE FINISHED FLOOR.

PROVIDE ALL HARDWARE AND ACCESSORIES TO MOUNT FANS FROM THE



SITE PLAN - ELECTRICAL

SCALE: 1" = 20'-0"

- NOTES:**
1. PROVIDE LIGHTING CONTACTOR C1 AT PANEL LC. PROVIDE TIME SWITCH AT PANEL LC AND CONNECT SO THAT IT CONTROLS LIGHTING CONTACTOR C1. USE CIRCUIT LRC59 FOR CONTROL.
 2. PROVIDE LIGHTING CONTACTOR C2 AT PANEL LB. USE CIRCUIT LRB55 FOR CONTROL.
 3. PROVIDE WIRING IN RACEWAY AS NECESSARY TO INTERCONNECT TIME SWITCH WITH LIGHTING CONTACTOR C1 AND C2 FOR COMMON CONTROL.
 4. WHERE WIRELESS ACCESS POINTS AND/OR CAMERAS ARE SHOWN OUTSIDE THE BUILDING, PROVIDE AN ADDITIONAL 1" CONDUIT (AND ASSOCIATED WIRING) ROUTED UNDERGROUND FROM POLE TO STUB UP AT NEAREST SPECIAL SYSTEMS BACKBOARD (LOCATION AS DIRECTED). COORDINATE EXACT LOCATION OF INSTALLATION OF ROUGH-IN WITH OWNER PRIOR TO ROUGH-IN.

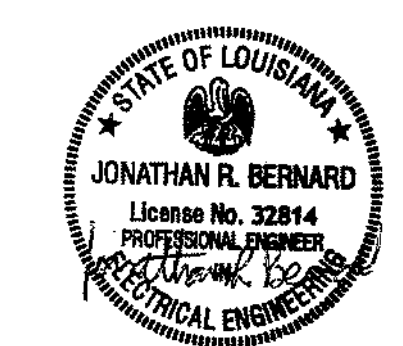
THESE PLANS HAVE BEEN PREPARED UNDER MY CLOSE PERSONAL SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF THEY COMPLY WITH CITY PARISH REQUIREMENTS. I AM NOT GENERALLY ADMINISTERING THE WORK, BUT NOT TO THE EXTENT THAT WILL ELIMINATE THE NEED FOR CITY PARISH INSPECTIONS.

Jonathan R. Bernard

GVA ENGINEERING, L.L.C.
PROJECT No. 3931

No.	Description	Date

KEY PLAN



5-5-23

Mathes Brierre + /BM
ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
New Orleans, Louisiana 70170-4100
Voice: 504.586.5903. Fax: 504.582.1305

300 Heymann Blvd.
Lafayette, Louisiana 70503
337.233.0614

PROJECT TITLE

**ST. BERNARD
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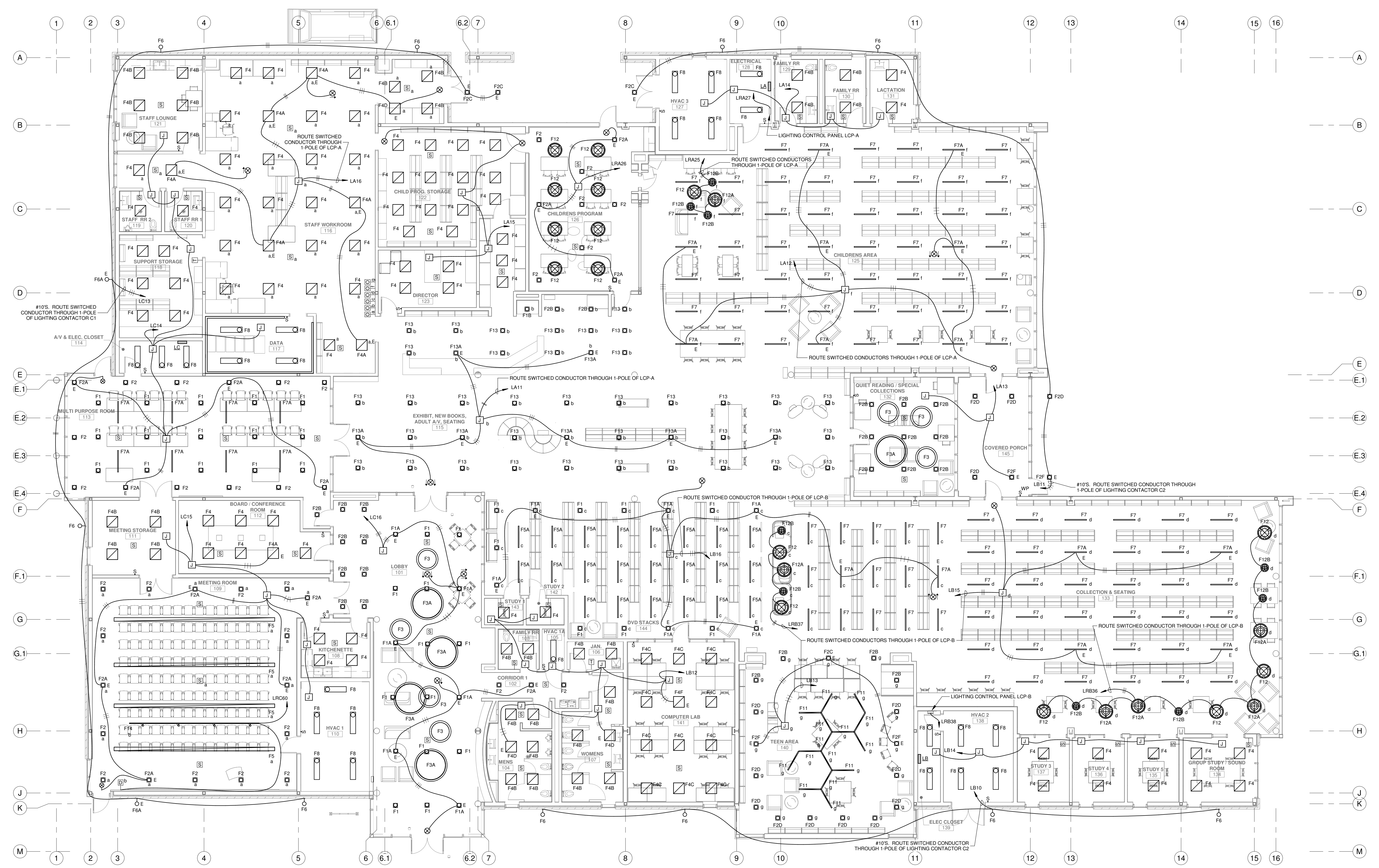
DESIGNED BY SAO CHECKED BY JRB

DRAWN BY SAO DATE 05.05.2023

SHEET TITLE SITE PLAN - ELECTRICAL

PROJECT NO. SHEET NO.

MBA - 11884
ABM - 201813 **E100**



FLOOR PLAN - LIGHTING



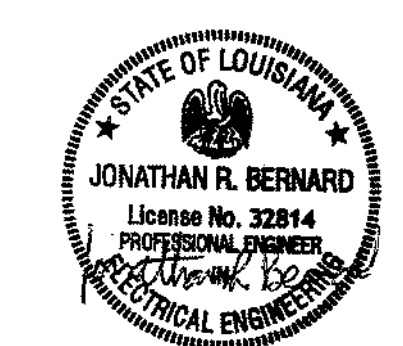
SCALE: 1/8" = 1'-0"

NOTES:

1. MAINTAIN A MINIMUM OF 24" SERVICE CLEARANCE ON THE LEFT SIDE, RIGHT SIDE, AND REAR OF EACH VAV BOX. THERE SHALL BE NO SPRINKLER HEADS, SPRINKLER PIPING, ELECTRICAL RACEWAYS, SPECIAL SYSTEM RACEWAYS, CONTROL RACEWAYS, CABLES, PIPING, OR ANY OTHER ITEMS INSTALLED IN THE SERVICE AREA EXCEPT FOR BRANCH PIPING AND RACEWAYS SERVING THE RESPECTIVE VAV BOX. COORDINATE TRADES.

No.	Description	Date

KEY PLAN



5-5-23

Mathes Briere ARCHITECTS
ARCHITECTS BEAZLEY MOLIÈRE
A JOINT VENTURE

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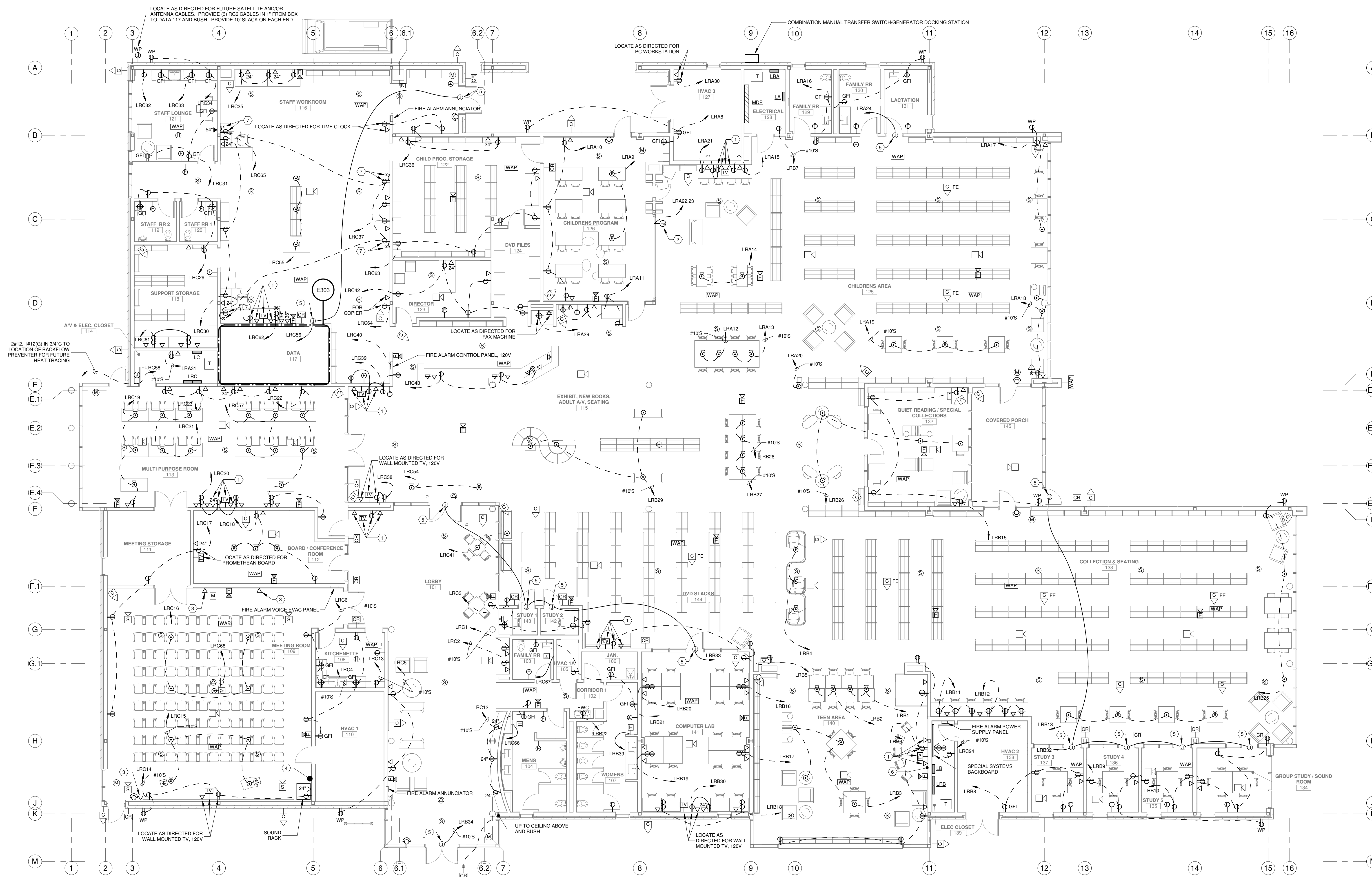
PERMIT DOCUMENTS

DESIGNED BY	SAO	CHECKED BY	JRB
DRAWN BY	SAO	DATE	05.05.2023

SHEET TITLE
FLOOR PLAN - LIGHTING

PROJECT NO.	MBA - 11884	SHEET NO.	E101
PROJECT NAME	ABM - 201813		

GVA ENGINEERING, L.L.C.
PROJECT No. 3931

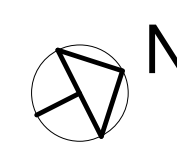


FLOOR PLAN - POWER & SPECIAL SYSTEMS

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

NOTES:

1. MAINTAIN A MINIMUM OF 24" SERVICE CLEARANCE ON THE LEFT SIDE, RIGHT SIDE, AND REAR OF EACH VAV BOX. THERE SHALL BE NO SPRINKLER HEADS, SPRINKLER PIPING, ELECTRICAL RACEWAYS, SPECIAL SYSTEM RACEWAYS, CONTROL RACEWAYS, CABLES, PIPING, OR ANY OTHER ITEMS INSTALLED IN THE SERVICE AREA EXCEPT FOR BRANCH PIPING AND RACEWAYS SERVING THE RESPECTIVE VAV BOX. COORDINATE TRADES.
2. WHERE DEVICES ARE SHOWN ON WINDOWS, THEY SHALL BE INSTALLED ON THE NEAREST WINDOW MULLION WITH THE ASSOCIATED WIRING ROUTED THROUGH THE MULLION.



SPECIFIC NOTES:

1. LOCATE AS DIRECTED FOR DISPLAY TV.
2. LOCATE AS DIRECTED FOR VERTICAL LIFT WALL (2HP, 20V, 10). ROUTE CIRCUIT THROUGH A 20A, 2P TOGGLE SWITCH TO BE INSTALLED NEAR CONNECTION.
3. LOCATE APPROX. 1'-0" BELOW CEILING FOR REMOTE-CONTROLLED HDM CAMERA (BY OWNER).
4. LOCATE APPROX. 2'-0" AFF FOR HDMI, AUDIO JACKS, MICROPHONE CABLES, SPEAKER CABLES, ETC. COORDINATE EXACT LOCATION AND CONNECTION NEEDED WITH OWNER. PROVIDE 3'-2" WITH FULL WIRE BETWEEN SOUND RACK AND PROJECTOR.
5. LOCATE AS DIRECTED FOR DOOR HARDWARE AND CONNECT, 120V.
6. PROVIDE AN OUTLET BOX AT 18" AFF AND AN OUTLET BOX AT TV HEIGHT. PROVIDE A 2" WITH PULL WIRE FOR OWNER SUPPLIES CABLES BETWEEN EACH LOCATION.
7. LOCATE AS DIRECTED FOR PLUG-IN CUBICLES WITH LED LIGHTS.

No.	Description	Date

KEY PLAN



5-5-23

Mathes Briere + **JBM**
ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
New Orleans, Louisiana 70170-4100
Voice: 504.586.5903, Fax: 504.582.1305

300 Heymann Blvd.
Lafayette, Louisiana 70503
337.233.0614

PROJECT TITLE

ST. BERNARD PARISH PUBLIC LIBRARY

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DESIGNED BY SAO CHECKED BY JRB

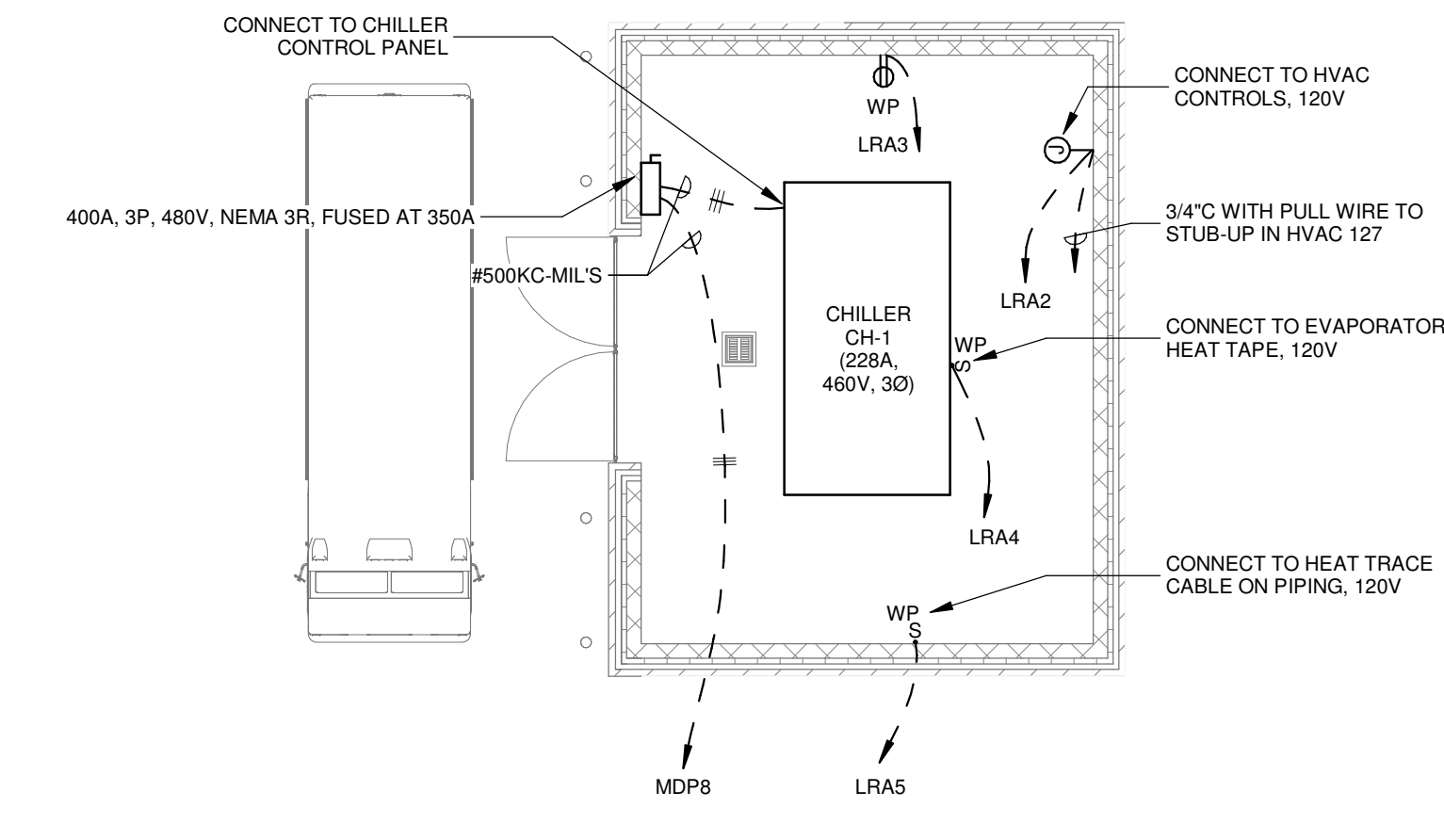
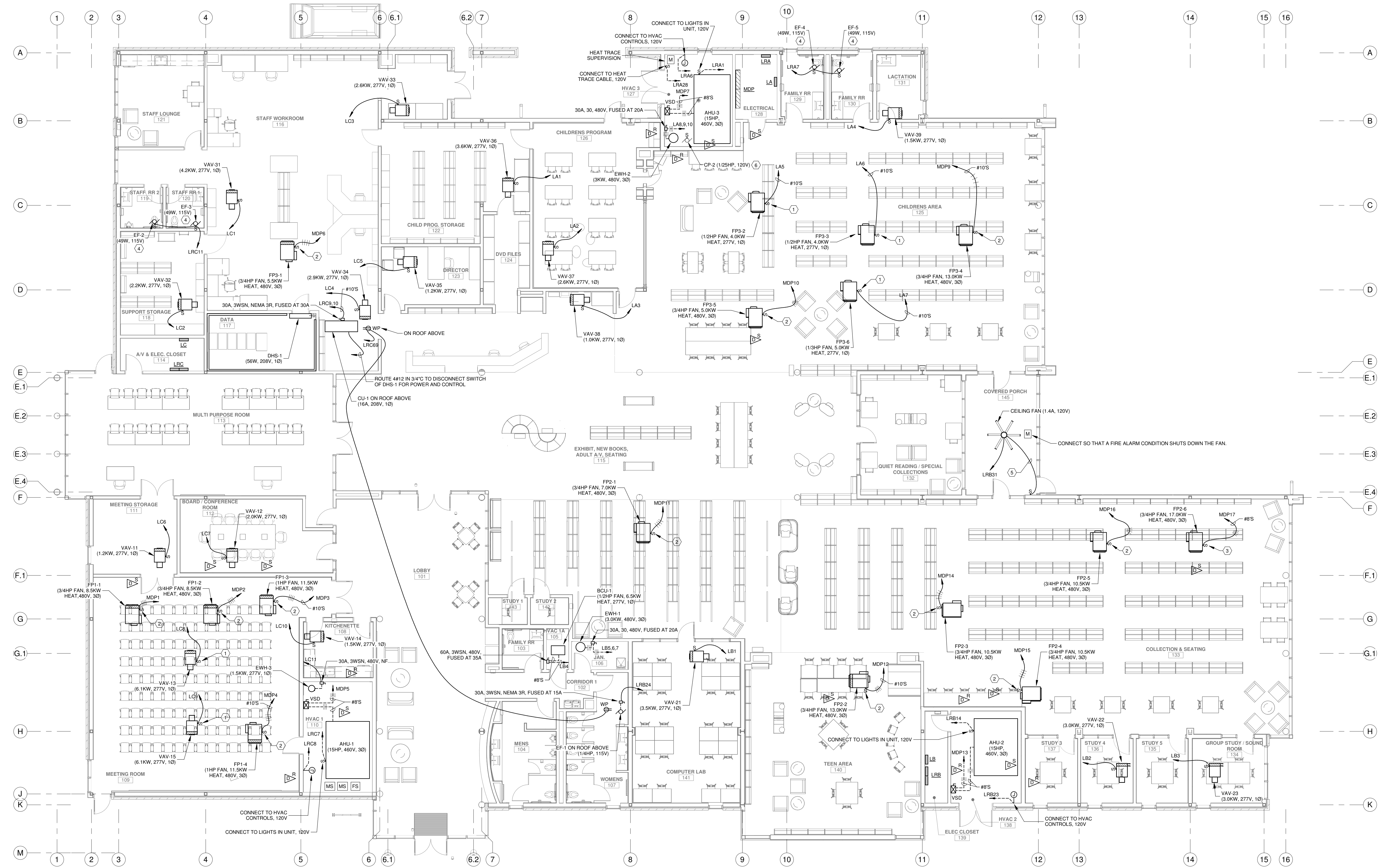
DRAWN BY SAO DATE 05.05.2023

SHEET TITLE FLOOR PLAN - POWER & SPECIAL SYSTEMS

PROJECT NO. SHEET NO.

GVA ENGINEERING, L.L.C.
PROJECT No. 3931

MBA - 11884
ABM - 201813 **E201**



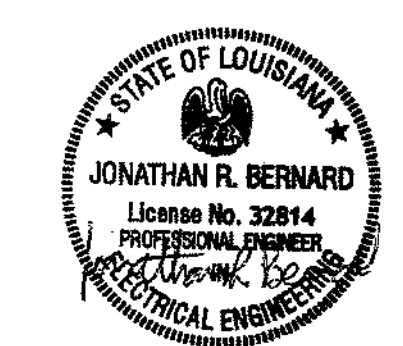
FLOOR PLAN - MECHANICAL EQUIPMENT POWER

SCALE: 1/8" = 1'-0"
 NOTES:
 1. MAINTAIN A MINIMUM OF 24" SERVICE CLEARANCE ON THE LEFT SIDE, RIGHT SIDE, AND REAR OF EACH VAV BOX. THERE SHALL BE NO SPRINKLER HEADS, SPRINKLER PIPING, ELECTRICAL, RACEWAYS, SPECIAL SYSTEM RACEWAYS, CONTROL, RACEWAYS, CABLES, PIPING, OR ANY OTHER ITEMS INSTALLED IN THE SERVICE AREA EXCEPT FOR BRANCH PIPING AND RACEWAYS SERVING THE RESPECTIVE VAV BOX. COORDINATE TRADES.

- SPECIFIC NOTES:**
- 1 30A, 1P TOGGLE SWITCH SIMILAR TO HUBBELL HBL3031.
 - 2 30A, 3P TOGGLE SWITCH SIMILAR TO HUBBELL HBL7810D.
 - 3 40A, 3P TOGGLE SWITCH SIMILAR TO HUBBELL HBL7843D.
 - 4 ROUTE THROUGH AUTOMATIC LIGHTING SHUTOFF DETECTOR IN ROOM USING 120V POWER PACK.
 - 5 PROVIDE (1) CATEGORY 5 CABLE FROM THE FAN TO A SPEED CONTROLLER (PROVIDED WITH FAN) AT LOCATION AS DIRECTED. GENERALLY NEAR TOGGLE SWITCH FOR LIGHTING FIXTURES IN ROOM.
 - 6 PROVIDE WIRING IN RACEWAY TO CONNECT TO RECEPTACLE IN ROOM.

No.	Description	Date

KEY PLAN



5-5-23

Mathes Briere ARCHITECTS
 A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
 New Orleans, Louisiana 70170-4100
 Voice: 504.586.5903. Fax: 504.582.1305

300 Heymann Blvd.
 Lafayette, Louisiana 70503
 337.233.0614

PROJECT TITLE

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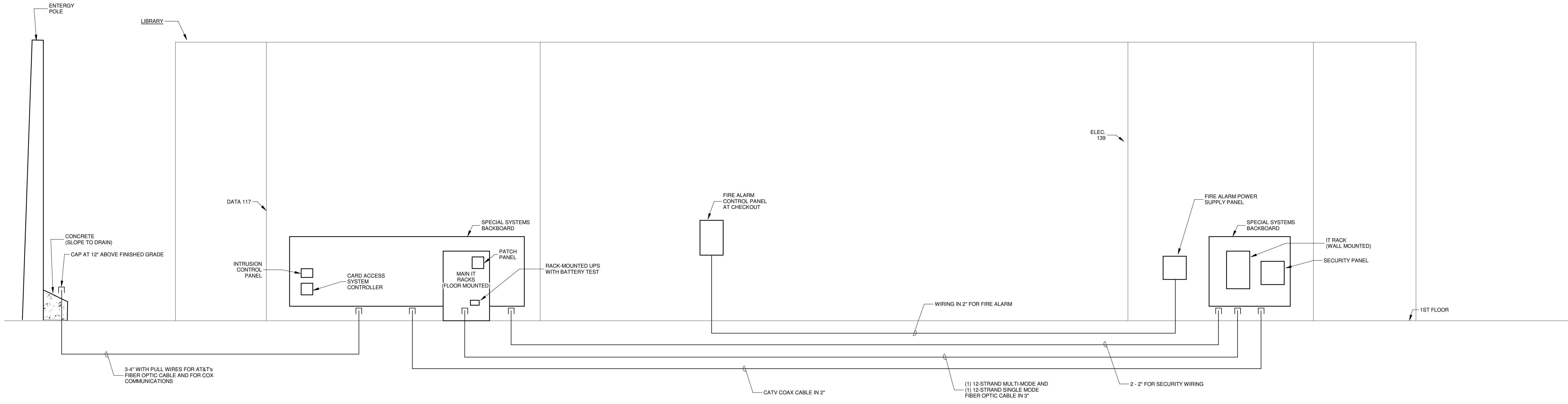
PERMIT DOCUMENTS

DESIGNED BY SAO	CHECKED BY JRB
DRAWN BY SAO	DATE 05.05.2023

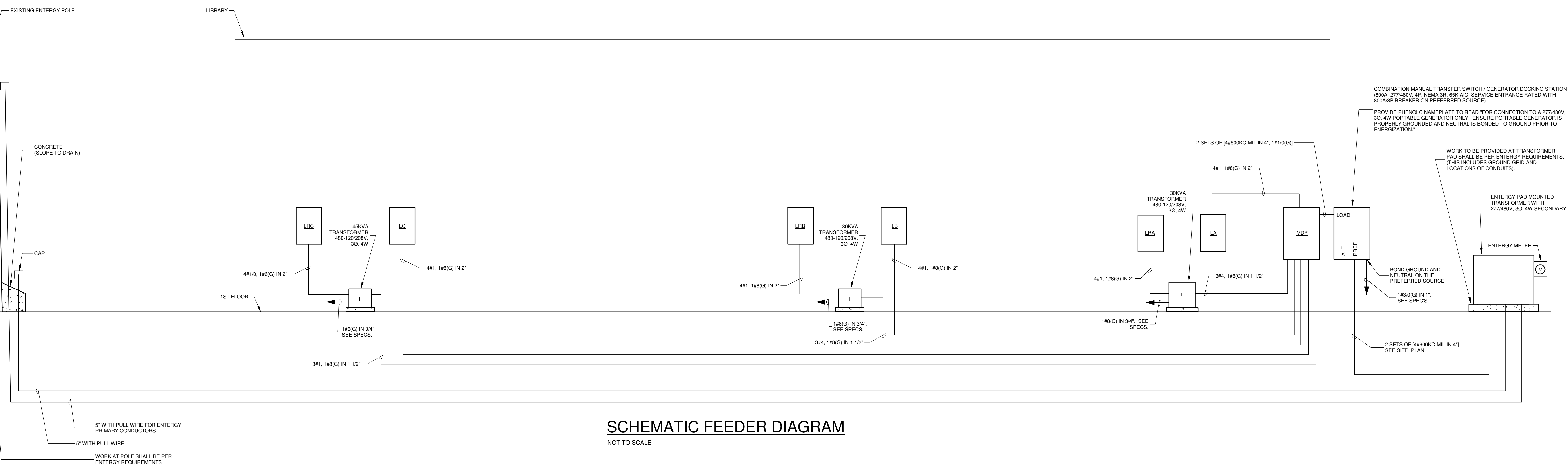
SHEET TITLE
 FLOOR PLAN - MECH. EQUIP. POWER

PROJECT NO. MBA - 11884	SHEET NO. E202
ABM - 201813	

GVA ENGINEERING, L.L.C.
 PROJECT No. 3931



SPECIAL SYSTEMS RISER DIAGRAM
NOT TO SCALE



SCHEMATIC FEEDER DIAGRAM
NOT TO SCALE

No.	Description	Date

KEY PLAN

5-5-23

Mathes Brierre + /BM ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
New Orleans, Louisiana 70170-4100
Voice: 504.586.5303, Fax: 504.582.1305

300 Heymann Blvd.
Lafayette, Louisiana 70503
337.233.0614

PROJECT TITLE

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DESIGNED BY SAO	CHECKED BY JRB
DRAWN BY SAO	DATE 05.05.2023
SHEET TITLE ELECTRICAL SCHEMATIC DIAGRAMS	
PROJECT NO. MBA - 11884	SHEET NO. E301
PROJECT NO. ABM - 201813	

GVA ENGINEERING, L.L.C.
PROJECT No. 3931

Distribution Panel MDP

Location: ELECTRICAL 135
 Enclosure: Type 1
 Mounting: Surface
 Avail. A.I.C.: 33K

Volts: 480/277 Wye
 Phases: 3
 Wires: 4
 A.I.C. Rating: 65K

Main Rating: 800A
 Main Type: MCB

Notes:
 2 SECTIONS. CIRCUIT BREAKER DISTRIBUTION PANELBOARDS SHALL HAVE THE MAXIMUM ALLOWABLE SPACE (INCHES) REGARDLESS OF QUANTITY OF SPACES INDICATED IN SCHEDULES. CIRCUIT BREAKERS AND SPACES SHALL BE SPREAD OUT EVENLY AMONGST EACH SECTION.

CKT	Circuit Description	# of Poles	Frame Size	Trip Rating	Remarks
MDP1	FP1-1	3	100A	20 A	
MDP2	FP1-2	3	100A	20 A	
MDP3	FP1-3	3	100A	30 A	
MDP4	FP1-4	3	100A	30 A	
MDP5	AHU-1	3	100A	40 A	
MDP6	FP3-1	3	100A	20 A	
MDP7	AHU-3	3	100A	40 A	
MDP8	CHILLER CH-1	3	400A	350 A	
MDP9	FP3-4	3	100A	30 A	
MDP10	FP3-5	3	100A	20 A	
MDP11	FP2-1	3	100A	20 A	
MDP12	FP2-2	3	100A	20 A	
MDP13	AHU-2	3	100A	40 A	
MDP14	FP2-3	3	100A	20 A	
MDP15	FP2-4	3	100A	20 A	
MDP16	FP2-5	3	100A	20 A	
MDP17	FP2-6	3	100A	40 A	
MDP18	PANEL LB	3	100A	100 A	
MDP19	TRANSFORMER FOR PANEL LRB	3	100A	70 A	
MDP20	PANEL LC	3	100A	100 A	
MDP21	TRANSFORMER FOR PANEL LRC	3	100A	100 A	
MDP22	PANEL LA	3	100A	100 A	
MDP23	TRANSFORMER FOR PANEL LRA	3	100A	70 A	
MDP24	Space	1	100A	--	
MDP25	Space	1	100A	--	
MDP26	Space	1	100A	--	
MDP27	Space	1	100A	--	
MDP28	Space	1	100A	--	
MDP29	Space	1	100A	--	
MDP30	Space	1	100A	--	

Panel: LA

Type: 100A MLO
 Location: ELECTRICAL 135
 Enclosure: Type 1
 Mounting: Surface
 Avail. A.I.C.: 28K

Volts: 480/277 Wye
 Phases: 3
 Wires: 4
 A.I.C. Rating: 35K

Notes:

CKT	Circuit Description	Trip	Poles
LA1	VAV-36	20 A	1
LA2	VAV-37	20 A	1
LA3	VAV-38	20 A	1
LA4	VAV-39	20 A	1
LA5	FP3-2	30 A	1
LA6	FP3-3	30 A	1
LA7	FP3-6	30 A	1
LA8	EWV-2	20 A	3
LA10	LIGHTING	20 A	1
LA11	LIGHTING	20 A	1
LA12	LIGHTING	20 A	1
LA13	LIGHTING	20 A	1
LA14	LIGHTING	20 A	1
LA15	LIGHTING	20 A	1
LA16	LIGHTING	20 A	1
LA17	Space	20 A	1
LA18	Space	20 A	1
LA19	Space	20 A	1
LA20	Space	20 A	1
LA21	Space	20 A	1
LA22	Space	20 A	1
LA23	Space	20 A	1
LA24	Space	--	1
LA25	Space	--	1
LA26	Space	--	1
LA27	Space	--	1
LA28	Space	--	1
LA29	Space	--	1
LA30	Space	--	1

Panel: LB

Type: 100A MLO
 Location: ELEC CLOSET 139
 Enclosure: Type 1
 Mounting: Surface
 Avail. A.I.C.: 8K

Volts: 480/277 Wye
 Phases: 3
 Wires: 4
 A.I.C. Rating: 18K

Notes:

CKT	Circuit Description	Trip	Poles
LB1	VAV-21	20 A	1
LB2	VAV-22	20 A	1
LB3	VAV-23	20 A	1
LB4	HVAC 1A 105	20 A	1
LB5	EWV-1	20 A	3
LB7	EXTERIOR LIGHTING	20 A	1
LB8	EXTERIOR LIGHTING	20 A	1
LB9	EXTERIOR LIGHTING	20 A	1
LB10	EXTERIOR LIGHTING	20 A	1
LB11	EXTERIOR LIGHTING	20 A	1
LB12	LIGHTING	20 A	1
LB13	LIGHTING	20 A	1
LB14	LIGHTING	20 A	1
LB15	LIGHTING	20 A	1
LB16	LIGHTING	20 A	1
LB17	Space	20 A	1
LB18	Space	20 A	1
LB19	Space	20 A	1
LB20	Space	20 A	1
LB21	Space	20 A	1
LB22	Space	20 A	1
LB23	Space	20 A	1
LB24	Space	--	1
LB25	Space	--	1
LB26	Space	--	1
LB27	Space	--	1
LB28	Space	--	1
LB29	Space	--	1
LB30	Space	--	1

Panel: LC

Type: 100A MLO
 Location: AV & ELEC...
 Enclosure: Type 1
 Mounting: Surface
 Avail. A.I.C.: 9K

Volts: 480/277 Wye
 Phases: 3
 Wires: 4
 A.I.C. Rating: 18K

Notes:

CKT	Circuit Description	Trip	Poles
LC1	VAV-31	20 A	1
LC2	VAV-32	20 A	1
LC3	VAV-33	20 A	1
LC4	VAV-34	20 A	1
LC5	VAV-35	20 A	1
LC6	VAV-11	20 A	1
LC7	VAV-12	20 A	1
LC8	VAV-13	20 A	1
LC9	VAV-15	20 A	1
LC10	VAV-14	20 A	1
LC11	EWV-3	20 A	1
LC12	EXTERIOR LIGHTING	20 A	1
LC13	EXTERIOR LIGHTING	20 A	1
LC14	LIGHTING	20 A	1
LC15	LIGHTING	20 A	1
LC16	LIGHTING	20 A	1
LC17	Space	20 A	1
LC18	Space	20 A	1
LC19	Space	20 A	1
LC20	Space	20 A	1
LC21	Space	20 A	1
LC22	Space	20 A	1
LC23	Space	20 A	1
LC24	Space	20 A	1
LC25	Space	20 A	1
LC26	Space	--	1
LC27	Space	--	1
LC28	Space	--	1
LC29	Space	--	1
LC30	Space	--	1

Panel: LRA

Type: 100A MCB
 Location: ELECTRICAL 135
 Enclosure: Type 1
 Mounting: Surface
 Avail. A.I.C.: <10K

Volts: 120/208 Wye
 Phases: 3
 Wires: 4
 A.I.C. Rating: 10K

Notes:

CKT	Circuit Description	Trip	Poles
LRA1	AHU-3 LIGHTS	20 A	1
LRA2	HVAC CONTROLS	20 A	1
LRA3	Receptacle CHILLER YARD	20 A	1
LRA4	EVAPORATOR HEAT TAPE	20 A	1
LRA5	HEAT TRACE CABLE	20 A	1
LRA6	HVAC CONTROLS	20 A	1
LRA7	EF-4, EF-5	20 A	1
LRA8	Receptacle Room 135, 134	20 A	1
LRA9	Receptacle	20 A	1
LRA10	Receptacle	20 A	1
LRA11	Receptacle CHILDREN PROGRAM 132	20 A	1
LRA12	Receptacle CHILDRENS AREA 131	20 A	1
LRA13	Receptacle CHILDRENS AREA 131	20 A	1
LRA14	Receptacle CHILDRENS AREA 131	20 A	1
LRA15	Receptacle CHILDRENS AREA 131	20 A	1
LRA16	Receptacle Room 131	20 A	1
LRA17	Receptacle CHILDRENS AREA 131	20 A	1
LRA18	Receptacle CHILDRENS AREA 131	20 A	1
LRA19	Receptacle CHILDRENS AREA 131	20 A	1
LRA20	Receptacle	20 A	1
LRA21	Receptacle CHILDRENS AREA 131	20 A	1
LRA22	VERTICAL LIFT WALL	20 A	2
LRA23	DOOR HARDWARE	20 A	1
LRA24	DOOR HARDWARE	20 A	1
LRA25	LIGHTING	20 A	1
LRA26	LIGHTING	20 A	1
LRA27	LCP-A	20 A	1
LRA28	HEAT TRACE CABLE	20 A	1
LRA29	Receptacle	20 A	1
LRA30	Receptacle HVAC 3 134	20 A	1
LRA31	Receptacle	20 A	1
LRA32	Spare	20 A	1
LRA33	Spare	20 A	1
LRA34	Spare	20 A	1
LRA35	Spare	20 A	1
LRA36	Spare	20 A	1
LRA37	Spare	20 A	1
LRA38	Spare	20 A	1
LRA39	Spare	20 A	1
LRA40	Space	--	1
LRA41	Space	--	1
LRA42	Space	--	1

Panel: LRB

Type: 100A MCB
 Location: ELEC CLOSET 139
 Enclosure: Type 1
 Mounting: Surface
 Avail. A.I.C.: <10K

Volts: 120/208 Wye
 Phases: 3
 Wires: 4
 A.I.C. Rating: 10K

Notes: 2 SECTIONS

CKT	Circuit Description	Trip	Poles
LRB1	Receptacle TEEN AREA 147	20 A	1
LRB2	Receptacle TEEN AREA 147	20 A	1
LRB3	Receptacle TEEN AREA 147	20 A	1
LRB4	Receptacle COLLECTION & SEATING 140	20 A	1
LRB5	Receptacle	20 A	1
LRB6	Receptacle TEEN AREA 147	20 A	1
LRB7	Receptacle ELECTRICAL 135	20 A	1
LRB8	Receptacle Room 145, 144	20 A	1
LRB9	Receptacle Room 143, 142	20 A	1
LRB10	Receptacle Room 142, 141, 140	20 A	1
LRB11	Receptacle COLLECTION & SEATING 140	20 A	1
LRB12	Receptacle COLLECTION & SEATING 140	20 A	1
LRB13	Receptacle COLLECTION & SEATING 140	20 A	1
LRB14	AHU-2 LIGHTS	20 A	1
LRB15	Receptacle Room 154, 139	20 A	1
LRB16	Receptacle	20 A	1
LRB17	Receptacle	20 A	1
LRB18	Receptacle	20 A	1
LRB19	Receptacle	20 A	1
LRB20	Receptacle	20 A	1
LRB21	Receptacle Room 105, 106	20 A	1
LRB22	Receptacle	20 A	1
LRB23	HVAC CONTROLS	20 A	1
LRB24	EF-1	20 A	1
LRB25	Receptacle COLLECTION & SEATING 140	20 A	1
LRB26	Receptacle Room 139	20 A	1
LRB27	Receptacle	20 A	1
LRB28	Receptacle	20 A	1
LRB29	Receptacle	20 A	1
LRB30	Receptacle	20 A	1
LRB31	CEILING FAN	20 A	1
LRB32	DOOR HARDWARE	20 A	1
LRB33	DOOR HARDWARE	20 A	1
LRB34	DOOR HARDWARE	20 A	1
LRB35	LIGHTING CONTACTOR CONTROL	20 A	1
LRB36	LIGHTING	20 A	1
LRB37	LIGHTING	20 A	1
LRB38	LCP-B	20 A	1
LRB39	HAND DRYER	20 A	1
LRB40	Space	20 A	1
LRB41	Space	20 A	1
LRB42	Space	20 A	1
LRB43	Space	20 A	1
LRB44	Space	20 A	1
LRB45	Space	20 A	1
LRB46	Space	20 A	1
LRB47	Space	20 A	1
LRB48	Space	20 A	1
LRB49	Space	20 A	1
LRB50	Space	--	1
LRB51	Space	--	1
LRB52	Space	--	1
LRB53	Space	--	1
LRB54	Space	--	1
LRB55	Space	--	1
LRB56	Space	--	1
LRB57	Space	--	1
LRB58	Space	--	1
LRB59	Space	--	1
LRB60	Space	--	1

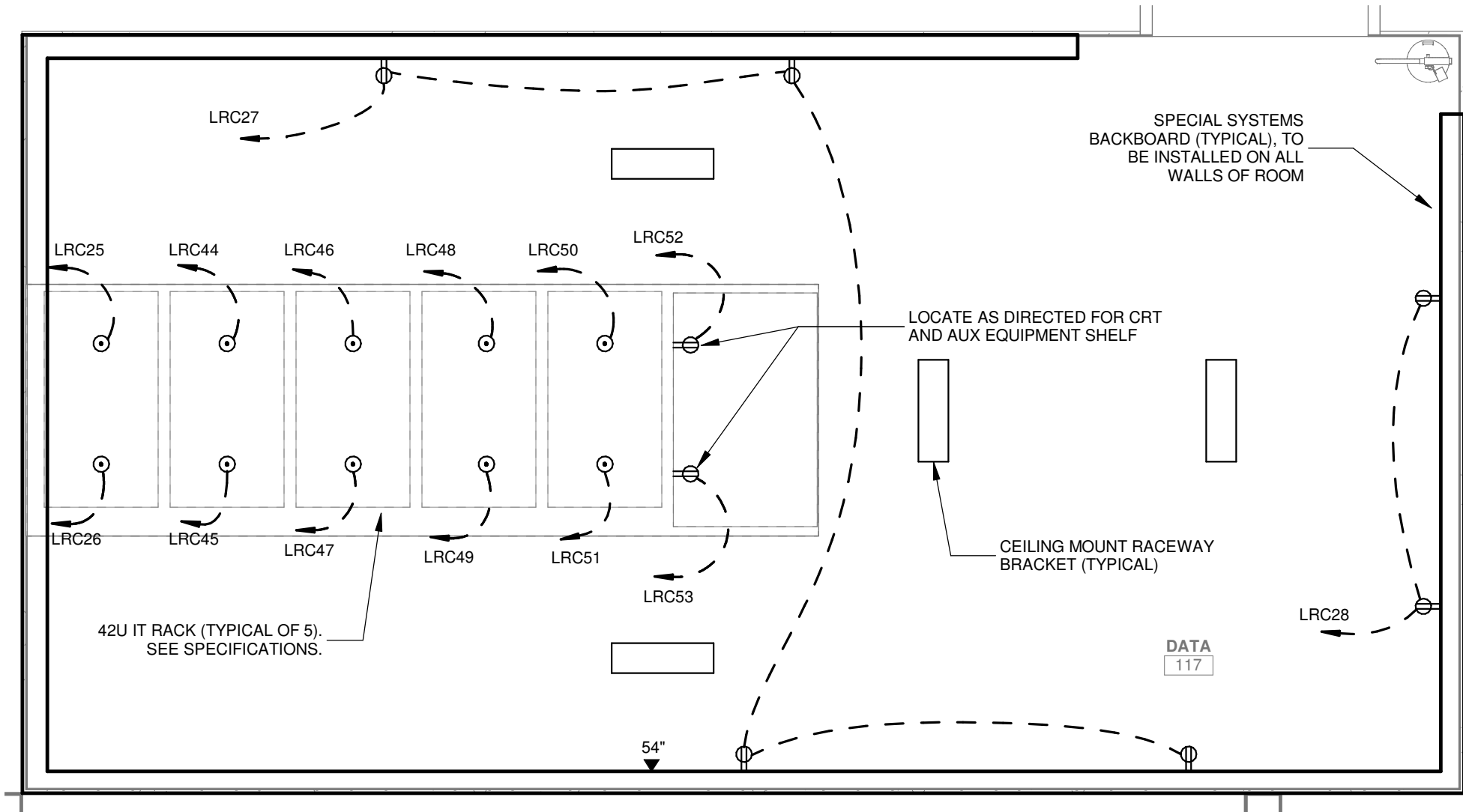
Panel: LRC

Type: 150A MCB
 Location: AV & ELEC...
 Enclosure: Type 1
 Mounting: Surface
 Avail. A.I.C.: <10K

Volts: 120/208 Wye
 Phases: 3
 Wires: 4
 A.I.C. Rating: 10K

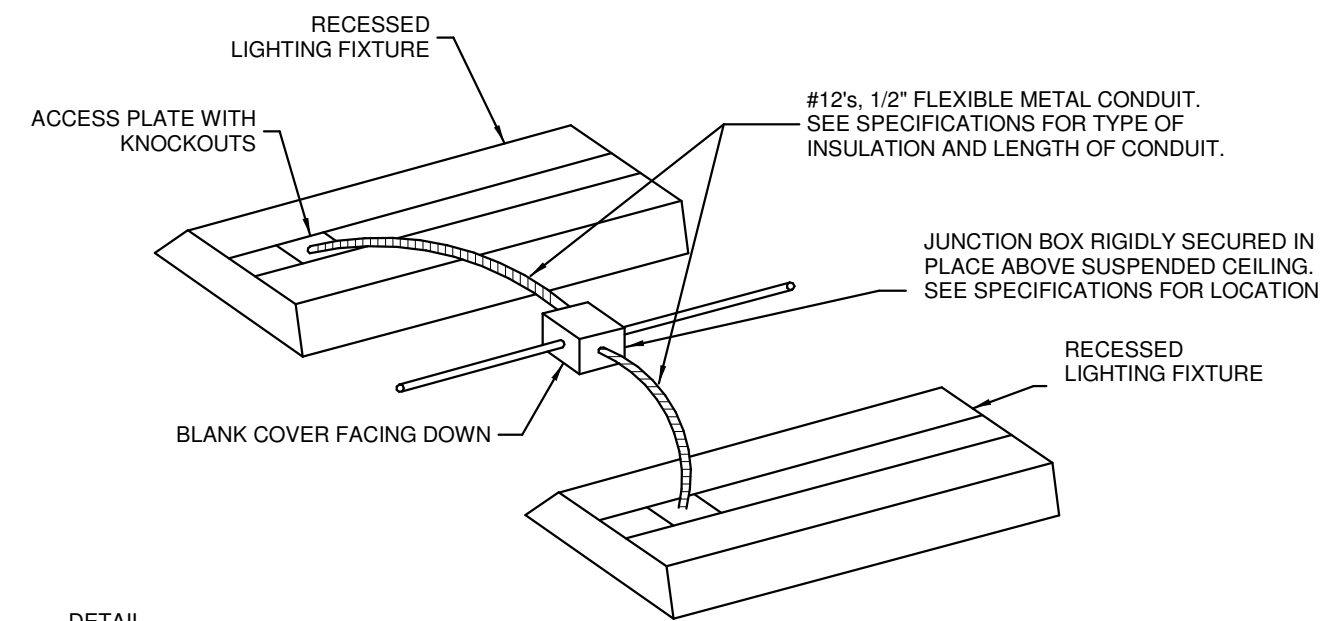
Notes: CIRCUITS LRC1,2,13,32 SHALL BE GFI TYPE. 2 SECTIONS.

CKT	Circuit Description	Trip	Poles
LRC1	Receptacle	20 A	1
LRC2	Receptacle	20 A	1
LRC3	Receptacle Room 152, 153	20 A	1
LRC4	Receptacle	20 A	1
LRC5	Receptacle	20 A	1
LRC6	Receptacle	20 A	1
LRC7	AHU-1 LIGHTS	20 A	1
LRC8	HVAC CONTROLS	20 A	1
LRC9	CJ-1 AND DMS-1	30 A	2
LRC10			
LRC11	EF-2, EF-3	20 A	1
LRC12	Receptacle	20 A	1
LRC13	Receptacle	20 A	1
LRC14	Receptacle	20 A	1
LRC15	Receptacle	20 A	1
LRC16	Receptacle	20 A	1
LRC17	Receptacle Room 110	20 A	1
LRC18	Receptacle BOARD / CONFERENCE ROOM 110	20 A	1
LRC19	Receptacle	20 A	1
LRC20	Receptacle	20 A	1
LRC21	Receptacle	20 A	1
LRC22	Receptacle	20 A	1
LRC23	Receptacle	20 A	1
LRC24	Receptacle	20 A	1
LRC25	Receptacle DATA 121	20 A	1
LRC26	Receptacle DATA 121	20 A	1
LRC27	Receptacle DATA 121	20 A	1
LRC28	Receptacle DATA 121	20 A	1
LRC29	Receptacle Room 127	20 A	1
LRC30	Receptacle DRIVE-UP RETURNS 127	20 A	1
LRC31	Receptacle	20 A	1
LRC32	Receptacle	20 A	1
LRC33	Receptacle	20 A	1
LRC34	Receptacle	20 A	1
LRC35	Receptacle DRIVE-UP RETURNS 127	20 A	1
LRC36	Receptacle	20 A	1
LRC37	Receptacle DRIVE-UP RETURNS 127	20 A	1
LRC38	Receptacle	20 A	1
LRC39	Receptacle	20 A	1
LRC40	FACP	20 A	1
LRC41	Receptacle	20 A	1
LRC42	Receptacle DIRECTOR 130	20 A	1
LRC43	Receptacle	20 A	1
LRC44	Receptacle DATA 121	20 A	1
LRC45	Receptacle DATA 121	20 A	1
LRC46	Receptacle DATA 121	20 A	1
LRC47	Receptacle DATA 121	20 A	1
LRC48	Receptacle DATA 121	20 A	1
LRC49	Receptacle DATA 121	20 A	1
LRC50	Receptacle DATA 121	20 A	



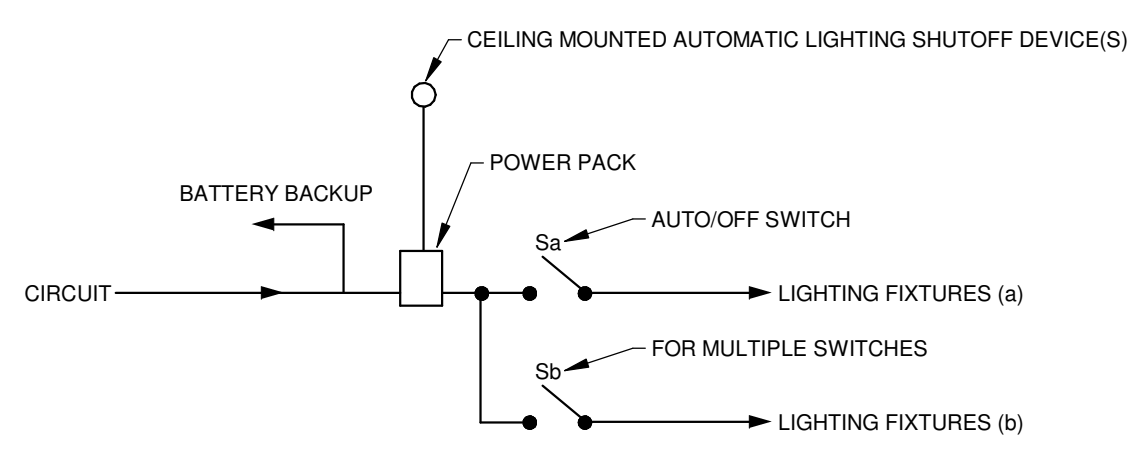
PARTIAL ENLARGED PLAN - DATA 117

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



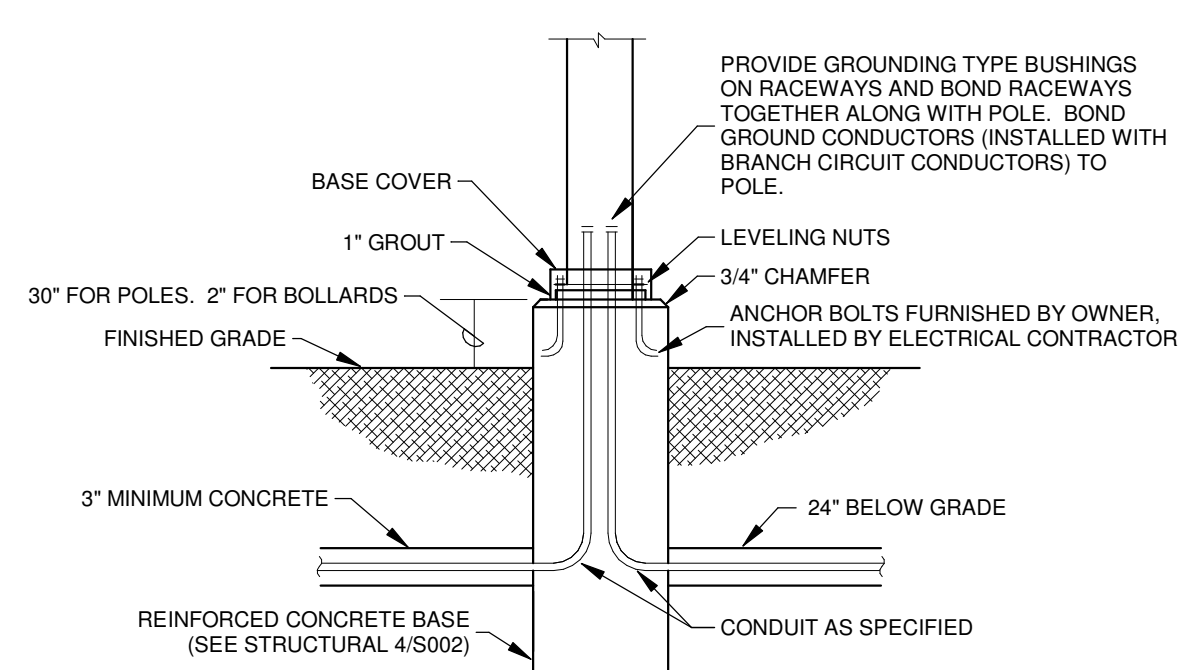
DETAIL RECESSED MOUNTED FIXTURE

NOT TO SCALE
NOTE:
 1. MAXIMUM OF (2) FIXTURES SHALL BE SUPPLIED BY EACH JUNCTION BOX.



DETAIL LIGHTING CONTROL DIAGRAM

NOT TO SCALE
NOTE:
 1. THIS IS A SUGGESTED ARRANGEMENT FOR LIGHTING CONTROL. THIS ARRANGEMENT MAY VARY DEPENDING ON THE PARTICULAR EQUIPMENT MANUFACTURER.



DETAIL POLE BASE DETAIL

NOT TO SCALE
NOTE:
 1. SOME LOCATIONS MAY REQUIRE UP TO THREE CONDUITS.
 2. FOUNDATION SHALL HAVE DIAMETER 2\"/>

SYMBOL SCHEDULE

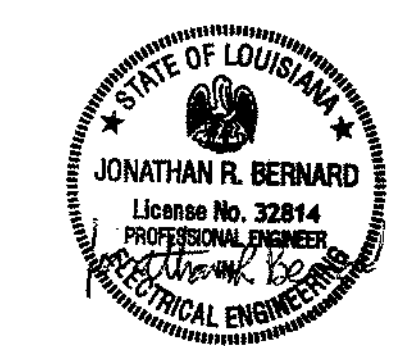
	LED FIXTURE, RECESSED.
	LED FIXTURE, SUSPENDED OR SURFACE MOUNTED.
	LED DOWNLIGHT FIXTURE, RECESSED.
	LED FIXTURE, WALL MOUNTED.
	LED FIXTURE, POLE MOUNTED.
	LED FIXTURE, PENDANT.
	LED LINEAR FIXTURE, WALL MOUNTED.
	EXIT LIGHT, TOP MOUNTED, SINGLE FACE (SURFACE OR SUSPENDED).
	SAME AS EXCEPT WITH DIRECTIONAL ARROW.
	SAME AS EXCEPT DOUBLE FACE WITH DIRECTIONAL ARROWS.
	SAME AS EXCEPT WALL MOUNTED.
	20A/1P WALL SWITCH. SUBSCRIPT INDICATES FIXTURES TO BE CONTROLLED.
	20A/2P WALL SWITCH.
	20A THREE-WAY WALL SWITCH.
	SAME AS EXCEPT WEATHERPROOF.
	AUTOMATIC LIGHTING SHUTOFF DEVICE, CEILING MOUNTED. SUBSCRIPT INDICATES FIXTURES TO BE CONTROLLED.
	AUTOMATIC LIGHTING SHUTOFF DEVICE, WALL MOUNTED IN CORNER.
	AUTOMATIC LIGHTING SHUTOFF DEVICE, TIMER TYPE, WALL MOUNTED.
	LIGHTING SHUTOFF DEVICE, WALL MOUNTED, TO BE ASSOCIATED WITH LIGHTING CONTROL PANEL.
	20A/2P, 3-WIRE, 125V, GROUNDING TYPE DUPLEX RECEPTACLE, NEMA 5-20R, TAMPER-RESISTANT.
	SAME AS EXCEPT MOUNTED ABOVE COUNTER AT HEIGHT AS DIRECTED.
	SAME AS EXCEPT WITH GROUND FAULT INTERRUPTER.
	SAME AS EXCEPT MOUNTED ABOVE COUNTER AT HEIGHT AS DIRECTED.
	SAME AS EXCEPT WEATHERPROOF.
	SAME AS EXCEPT MOUNTED AT HEIGHT AS DIRECTED FOR ELECTRIC WATER COOLER.
	DOUBLE DUPLEX RECEPTACLE.
	SAME AS EXCEPT FLUSH CEILING MOUNTED FOR PROJECTOR.
	POWER FLOOR OUTLET WITH (1) DUPLEX RECEPTACLE.
	POWER DATA FLOOR OUTLET WITH (1) DUPLEX RECEPTACLE AND (2) DATA JACKS IN FLOOR BOX. SEE SPECIFICATIONS. PROVIDE A 1\"/>
	FLOOR OUTLET WITH (1) MICROPHONE JACK, NO RECEPTACLES.
	SAME AS EXCEPT WITH (1) MICROPHONE JACK INCLUDED.
	PANELBOARD.
	DISTRIBUTION PANEL.
	VOICE/DATA OUTLET, WALL MOUNTED, WITH 1\"/>
	SAME AS EXCEPT MOUNTED ABOVE COUNTER AS DIRECTED.
	SAME AS EXCEPT FLUSH CEILING MOUNTED.
	WIRELESS ACCESS POINT, CEILING MOUNTED.
	WIRELESS ACCESS POINT, WALL OR POLE MOUNTED.
	SECURITY SYSTEM KEYPAD ON WALL MOUNTED OUTLET BOX.
	SECURITY SYSTEM PASSIVE INFRARED SENSOR, CEILING MOUNTED ON OUTLET BOX.
	SECURITY SYSTEM PASSIVE INFRARED SENSOR, ON WALL MOUNTED OUTLET BOX.
	IP CAMERA, CEILING MOUNTED ON OUTLET BOX. PROVIDE WIRING PER SPECS. WHERE "FE" IS ADJACENT TO SYMBOL, FISH EYE TYPE CAMERA SHALL BE PROVIDED (SEE SPECIFICATIONS).
	IP CAMERA, WALL (OR POLE) MOUNTED AT HEIGHT AS DIRECTED WITH 1\"/>
	CARD READER, WALL MOUNTED AT HEIGHT AS DIRECTED WITH WIRING IN 1\"/>
	FIRE ALARM PULL STATION, WALL MOUNTED.
	FIRE ALARM AUDIOVISUAL SIGNAL UNIT, WALL MOUNTED.
	FIRE ALARM AUDIOVISUAL SIGNAL UNIT, CEILING MOUNTED.
	FIRE ALARM VISUAL SIGNAL UNIT, WALL MOUNTED.
	FIRE ALARM SMOKE DETECTOR, CEILING MOUNTED.
	FIRE ALARM HEAT DETECTOR, CEILING MOUNTED.
	FIRE ALARM HOLD-OPEN DEVICE, WALL MOUNTED.
	AIR-STREAM SMOKE DETECTOR ("S" INDICATES IN SUPPLY AIR-STREAM, "R" INDICATES IN RETURN AIR-STREAM).
	SPRINKLER SYSTEM FLOW SWITCH. (FURNISHED UNDER MECHANICAL DIVISION)
	SPRINKLER SYSTEM VALVE SUPERVISORY SWITCH. (FURNISHED UNDER MECHANICAL DIVISION)
	FIRE ALARM MONITOR MODULE.
	SAFETY SWITCH.
	COMBINATION STARTER AND DISCONNECT SWITCH (FURNISHED UNDER MECHANICAL DIVISION). "VS0" INDICATES VARIABLE SPEED DRIVE.
	"WP" ADJACENT TO EQUIPMENT INDICATES THAT THE EQUIPMENT SHALL BE WEATHERPROOF TYPE.
	WIRING IN RACEWAY CONCEALED OVERHEAD OR IN WALLS (CROSSBARS DENOTE NUMBER OF CONDUCTORS WHEN MORE THAN TWO). REQUIRED GREEN EQUIPMENT GROUNDING CONDUCTOR IS NOT SHOWN AS A CROSSBAR. ARROWS INDICATE NUMBER OF CIRCUITS.
	WIRING IN RACEWAY RUN EXPOSED.
	WIRING IN RACEWAY RUN CONCEALED IN OR UNDER FLOOR (OR UNDERGROUND).
	SOUND SYSTEM SPEAKER, CEILING MOUNTED.
	PAGING SYSTEM SPEAKER, CEILING MOUNTED.
	SAME AS EXCEPT PROVIDE WIRING IN RACEWAY TO EACH LIGHTING FIXTURE IN THIS ROOM, AS WELL AS TO CONTROL DEVICES, SWITCHES, ETC. USING OTHER OUTLET BOXES AS SPECIFIED. WHEN SHOWN ABOVE ACCESSIBLE CEILING, THESE SHALL BE INSTALLED ABOVE NEAREST ACCESSIBLE CEILING.
	"E" ADJACENT TO A LIGHT FIXTURE INDICATES THAT IT UTILIZES AN EMERGENCY BACKUP BATTERY.
	"NL" ADJACENT TO A LIGHT FIXTURE INDICATES THAT IT IS A NIGHTLIGHT (ALWAYS ON).
	CABLE TV OUTLET, WALL MOUNTED, WITH 1\"/>
	MICROPHONE JACK, WALL MOUNTED, WITH 1\"/>
	HAND DRYER, WALL MOUNTED, 120V.

LIGHTING FIXTURE SCHEDULE

Fixture Type	Manufacturer	Model	Description
F1	VANTAGE LIGHTING	VDL412-CM-U-13-38K-WE-SCL-FINISH-FINISH-DTD SERIES OR EQUAL	LED CYLINDER, 2\"/>
F1A	VANTAGE LIGHTING		SAME AS F1 EXCEPT WITH EMERGENCY BATTERY BACKUP FEATURE.
F1B	VANTAGE LIGHTING		SAME AS F1 EXCEPT WITH 2,000 LUMEN OUTPUT (MINIMUM).
F2	COOPER LIGHTING	H08-10-D010-DM6-12-61-WD-C SERIES OR EQUAL	RECESSED LED DOWNLIGHT, 6\"/>
F2A	COOPER LIGHTING		SAME AS F2 EXCEPT WITH EMERGENCY BATTERY BACKUP FEATURE.
F2B	COOPER LIGHTING		SAME AS F2B EXCEPT WITH EMERGENCY BATTERY BACKUP FEATURE.
F2C	COOPER LIGHTING		SAME AS F2C EXCEPT WITH 3,000 LUMEN OUTPUT (MINIMUM).
F2D	COOPER LIGHTING		SAME AS F2D EXCEPT WITH EMERGENCY BATTERY BACKUP FEATURE.
F2E	COOPER LIGHTING		SAME AS F2E EXCEPT WITH EMERGENCY BATTERY BACKUP FEATURE.
F2F	BETA-CALCO	AE3-BH3-DA01-P1-xx-xx-L1 SERIES OR EQUAL	48\"/>
F3A	BETA-CALCO		SAME AS F3 EXCEPT 72\"/>
F4	COOPER LIGHTING	22CZ-LD5-44-S-UNV-L833-CD1-U SERIES OR EQUAL	2x2\"/>
F4A	COOPER LIGHTING		SAME AS F4 EXCEPT WITH EMERGENCY BATTERY BACKUP FEATURE.
F4B	COOPER LIGHTING		SAME AS F4 EXCEPT WITH 2,400 LUMEN OUTPUT (MINIMUM).
F4C	COOPER LIGHTING		SAME AS F4 EXCEPT WITH 3,000 LUMEN OUTPUT (MINIMUM).
F4D	COOPER LIGHTING		SAME AS F4B EXCEPT WITH EMERGENCY BATTERY BACKUP FEATURE.
F4E	COOPER LIGHTING		SAME AS F4C EXCEPT WITH EMERGENCY BATTERY BACKUP FEATURE.
F5	FOCAL POINT	FSM4L-FL-625L-F-35K-10-UNV-LD1-xx-30\"/>	
F5A	FOCAL POINT		SAME AS F5 EXCEPT SUSPENDED USING 48\"/>
F6	COOPER LIGHTING	ISC-AF-1209-LED-E1-T3-BK SERIES OR EQUAL	EXTERIOR MOUNTED WALL PACK LIGHTING FIXTURE. LED, DIE-CAST ALUMINUM CONSTRUCTION. TYPE III DISTRIBUTION, IP66 RATED, GASKETED, 120-277V, WITH 6,700 LUMENS OUTPUT (MINIMUM). FIXTURES SHALL GENERALLY BE MOUNTED AT 10\"/>
F6A	COOPER LIGHTING		SAME AS F6 EXCEPT WITH EMERGENCY BATTERY BACKUP FEATURE.
F7	FOCAL POINT	FSM2BS-BWFL-1000DN-375UP-35K-10-UNV-LD1-C48WH-4 SERIES OR EQUAL	LINEAR PENDANT LED LIGHTING FIXTURE, 2\"/>
F8	COOPER LIGHTING	4-SLSTP-55-35-DD-UNV SERIES OR EQUAL	4\"/>
F9	COOPER LIGHTING	GLEON-AF-04-LED-U-T4FT-xx	POLE MOUNTED LED LIGHTING FIXTURE, 1 AMP DRIVE CURRENT, TYPE IV FORWARD THROW DISTRIBUTION, FINISH AS DIRECTED BY ARCHITECT. MOUNTING BRACKET FOR SQUARE POLE. (4) FIXTURE HEADS MOUNTED ON POLE, 120-277V, WITH MINIMUM 24,000 LUMENS PER (4) LED SQUARE HEAD. POLE SHALL BE EATON SERIES, 30\"/>
F9A	COOPER LIGHTING		SAME AS F9 EXCEPT WITH MINIMUM 30,500 LUMENS PER (6) LED SQUARE HEAD.
F9B	COOPER LIGHTING		SAME AS F9 EXCEPT (1) HEAD MOUNTED ON A POLE, WITH TYPE III DISTRIBUTION, AND MINIMUM 18,500 LUMENS PER (1) LED SQUARE HEAD.
F9C	COOPER LIGHTING		SAME AS F9 EXCEPT (2) HEADS MOUNTED ON A POLE 90 DEGREES APART.
F10	COOPER LIGHTING	ABB-82-LED-36-D1-S-xx SERIES OR EQUAL	LED BOLLARD, CAST ALUMINUM CONSTRUCTION, SYMMETRIC DISTRIBUTION, 36\"/>
F11	BARTCO	B55610-4-35-DM-H-CM-xx-xx SERIES OR EQUAL	SUSPENDED LED LIGHTING FIXTURE, APPROXIMATE 4-6\"/>
F12	FRASCH	SPOKE LIGHT RECTANGLE	DECORATIVE PENDANT, 34\"/>
F12A	FRASCH	SPOKE LIGHT CIRCLE	DECORATIVE PENDANT, 34\"/>
F12B	FRASCH	TEARDROP 11\"	DECORATIVE PENDANT, 11\"/>
F13	VANTAGE LIGHTING	VDL614-PM-U-40-35K-WE-SCL-FINISH-FINISH-DTD SERIES OR EQUAL	LED CYLINDER, 2\"/>
F13A	VANTAGE LIGHTING		SAME AS F13 EXCEPT WITH EMERGENCY BATTERY BACKUP FEATURE.
F14	COOPER LIGHTING	HALO-POWER-TRAC-L-815MED-30-NF-905-P SERIES OR EQUAL	SINGLE CIRCUIT TRACK SYSTEM. LENGTH AS INDICATED, WHITE, 120V, WITH (4) TRACK LIGHTING FIXTURES. EACH TRACK LIGHTING FIXTURES SHALL HAVE WHITE FINISH, 25 DEGREE OPTIC, WITH 3,000 LUMEN OUTPUT (MINIMUM).

No.	Description	Date

KEY PLAN



5-5-23

Mathes Briere ARCHITECTS
 ARCHITECTS BEAZLEY MOLIÈRE
 A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
 New Orleans, Louisiana 70170-4100
 Voice: 504.586.5903, Fax: 504.582.1905

300 Heymann Blvd.
 Lafayette, Louisiana 70503
 337.233.0614

PROJECT TITLE

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DESIGNED BY SAO	CHECKED BY JRB
DRAWN BY SAO	DATE 05.05.2023
SHEET TITLE ELECTRICAL SCHEDULES	
PROJECT NO. MBA - 11884	SHEET NO. E303
ABM - 201813	

GVA ENGINEERING, L.L.C.
 PROJECT No. 3931

PLUMBING GENERAL NOTES

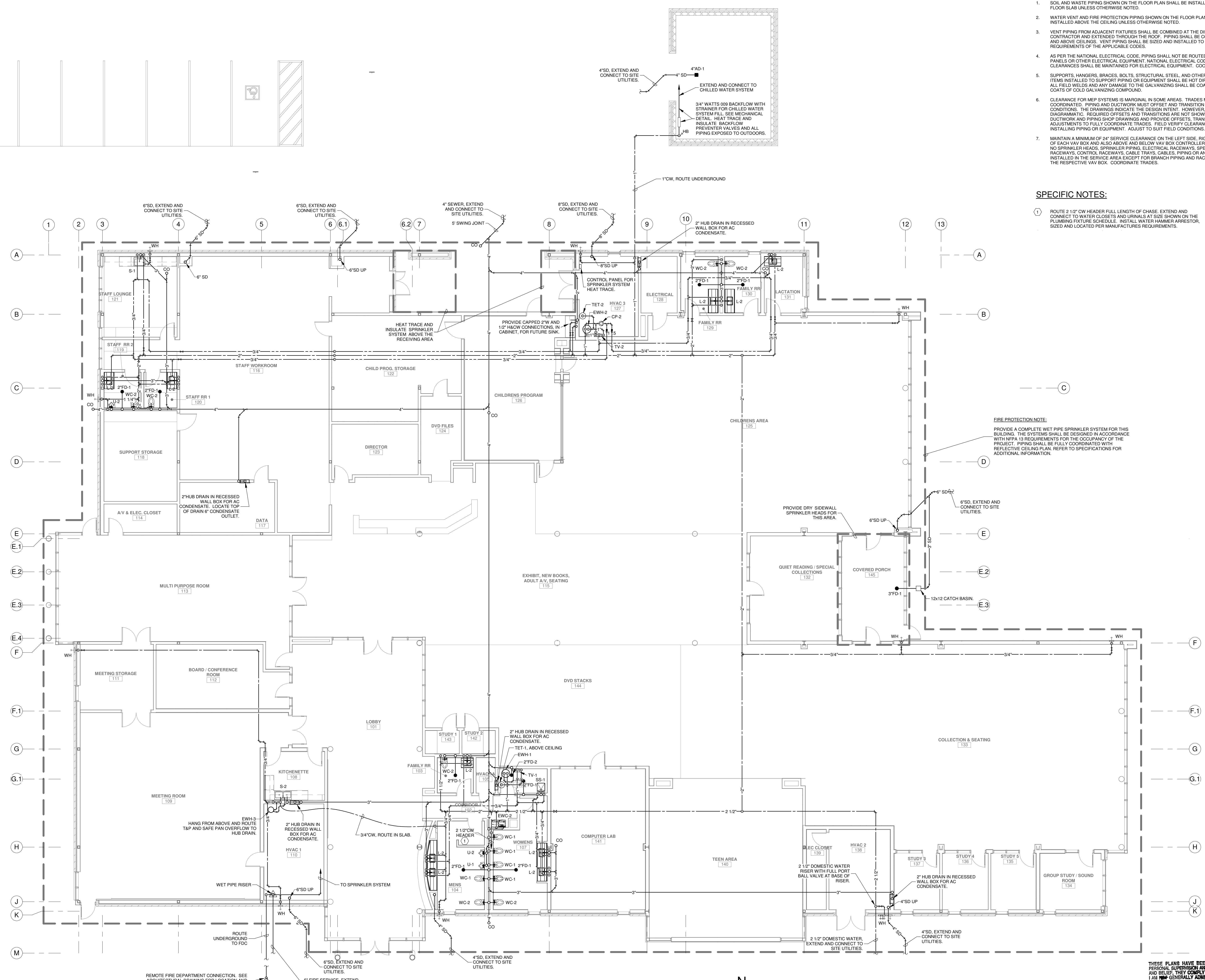
- SOIL AND WASTE PIPING SHOWN ON THE FLOOR PLAN SHALL BE INSTALLED BELOW THE FLOOR SLAB UNLESS OTHERWISE NOTED.
- WATER VENT AND FIRE PROTECTION PIPING SHOWN ON THE FLOOR PLAN SHALL BE INSTALLED ABOVE THE CEILING UNLESS OTHERWISE NOTED.
- VENT PIPING FROM ADJACENT FIXTURES SHALL BE COMBINED AT THE DISCRETION OF THE CONTRACTOR AND EXTENDED THROUGH THE ROOF. PIPING SHALL BE CONCEALED IN WALLS AND ABOVE CEILING. VENT PIPING SHALL BE SIZED AND INSTALLED TO MEET THE MINIMUM REQUIREMENTS OF THE APPLICABLE CODES.
- AS PER THE NATIONAL ELECTRICAL CODE, PIPING SHALL NOT BE ROUTED OVER ELECTRICAL PANELS OR OTHER ELECTRICAL EQUIPMENT. NATIONAL ELECTRICAL CODE SERVICE CLEARANCES SHALL BE MAINTAINED FOR ELECTRICAL EQUIPMENT. COORDINATE TRADES.
- SUPPORTS, HANGERS, BRACES, BOLTS, STRUCTURAL STEEL, AND OTHER MISCELLANEOUS ITEMS INSTALLED TO SUPPORT PIPING OR EQUIPMENT SHALL BE HOT DIPPED GALVANIZED. ALL FIELD WELDS AND ANY DAMAGE TO THE GALVANIZING SHALL BE COATED WITH TWO COATS OF COLD GALVANIZING COMPOUND.
- CLEARANCE FOR MEP SYSTEMS IS MARGINAL IN SOME AREAS. TRADES MUST BE CAREFULLY COORDINATED. PIPING AND DUCTWORK MUST OFFSET AND TRANSITION TO SUIT FIELD CONDITIONS. THE DRAWINGS INDICATE THE DESIGN INTENT. HOWEVER, PIPE ROUTING IS DIAGNOSTIC. REQUIRED OFFSETS AND TRANSITIONS ARE NOT SHOWN. PREPARE DUCTWORK AND PIPING SHOP DRAWINGS AND PROVIDE OFFSETS, TRANSITIONS AND ADJUSTMENTS TO FULLY COORDINATE TRADES. FIELD VERIFY CLEARANCES BEFORE INSTALLING PIPING OR EQUIPMENT. ADJUST TO SUIT FIELD CONDITIONS.
- MAINTAIN A MINIMUM OF 24" SERVICE CLEARANCE ON THE LEFT SIDE, RIGHT SIDE AND REAR OF EACH VAV BOX AND ALSO ABOVE AND BELOW VAV BOX CONTROLLERS. THERE SHALL BE NO SPRINKLER HEADS, SPRINKLER PIPING, ELECTRICAL RACEWAYS, SPECIAL SYSTEM RACEWAYS, CONTROL RACEWAYS, CABLE TRAYS, CABLES, PIPING OR ANY OTHER ITEMS INSTALLED IN THE SERVICE AREA EXCEPT FOR BRANCH PIPING AND RACEWAYS SERVING THE RESPECTIVE VAV BOX. COORDINATE TRADES.

SPECIFIC NOTES:

- ROUTE 2 1/2" CW HEADER FULL LENGTH OF CHASE. EXTEND AND CONNECT TO WATER CLOSETS AND URINALS AT SIZE SHOWN ON THE PLUMBING FIXTURE SCHEDULE. INSTALL WATER HAMMER ARRESTOR, SIZED AND LOCATED PER MANUFACTURER REQUIREMENTS.

FIRE PROTECTION NOTE:

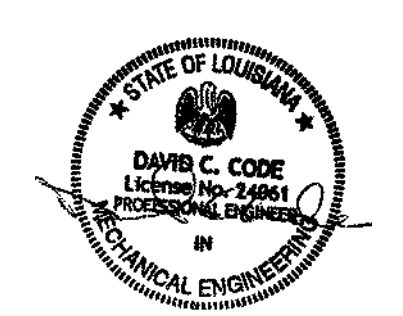
PROVIDE A COMPLETE WET PIPE SPRINKLER SYSTEM FOR THIS BUILDING. THE SYSTEMS SHALL BE DESIGNED IN ACCORDANCE WITH NFPA 13 REQUIREMENTS FOR THE OCCUPANCY OF THE PROJECT. PIPING SHALL BE FULLY COORDINATED WITH REFLECTIVE CEILING PLAN. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.



FLOOR PLAN - PLUMBING AND FIRE PROTECTION
 SCALE: 1/8" = 1'-0"

No.	Description	Date

KEY PLAN



5-5-23

Mathes Briere ARCHITECTS
 ARCHITECTS BEAZLEY MOLIÈRE
 A JOINT VENTURE

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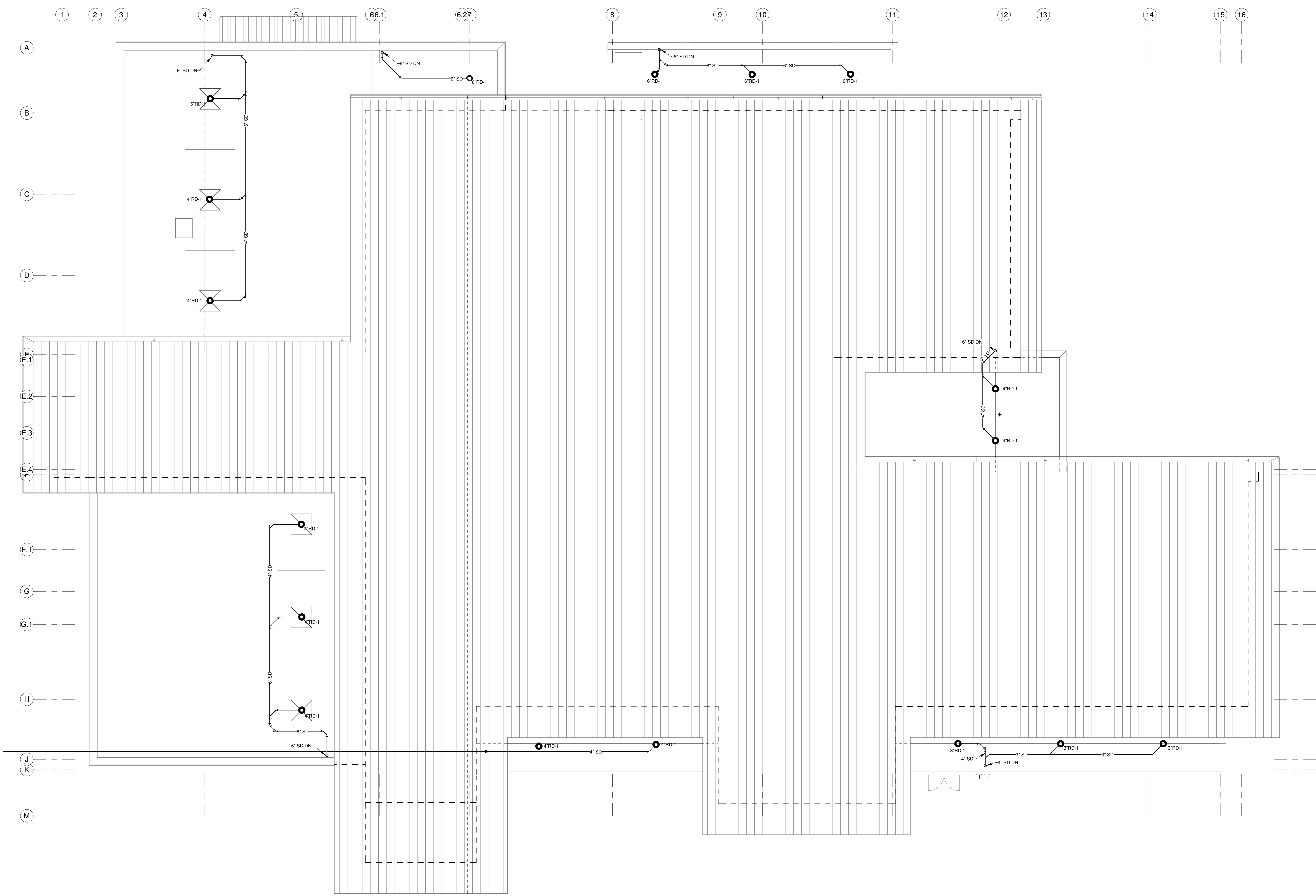
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DRAWN BY	GVT	DATE	05.05.2023

SHEET TITLE
 FLOOR PLAN - PLBG & FIRE PROTECTION

PROJECT NO.	MBA - 11884	SHEET NO.	PF101
	ABM - 201813		

GVA ENGINEERING, L.L.C.
 PROJECT No. 3931

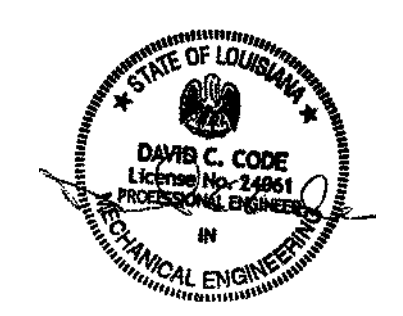
THESE PLANS HAVE BEEN PREPARED UNDER MY CLOSE PERSONAL SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THEY COMPLY WITH CITY PARISH REQUIREMENTS. I AM NOT GENERALLY ADMINISTERING THE WORK, BUT NOT TO THE EXTENT THAT WILL ELIMINATE THE NEED FOR CITY PARISH INSPECTIONS.



ROOF PLAN - PLUMBING AND FIRE PROTECTION N
SCALE: 1/8" = 1'-0"

No.	Description	Date

KEY PLAN



5-5-23

Mathes Brierre + /BM
ARCHITECTS ARCHITECTS BEAZLEY MOLIÈRE
A JOINT VENTURE

201 St. Charles Avenue, Forty First Floor
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PROJECT TITLE

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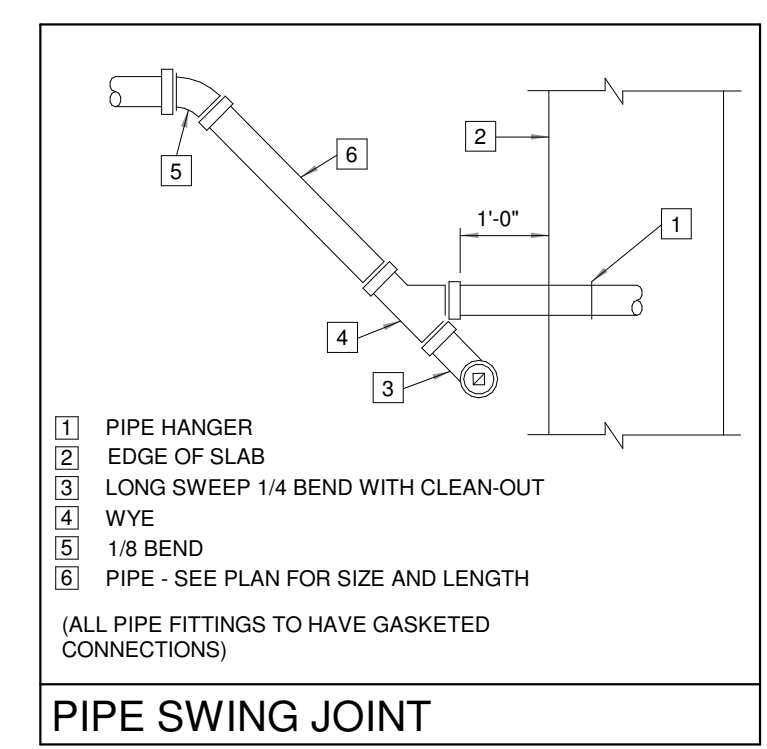
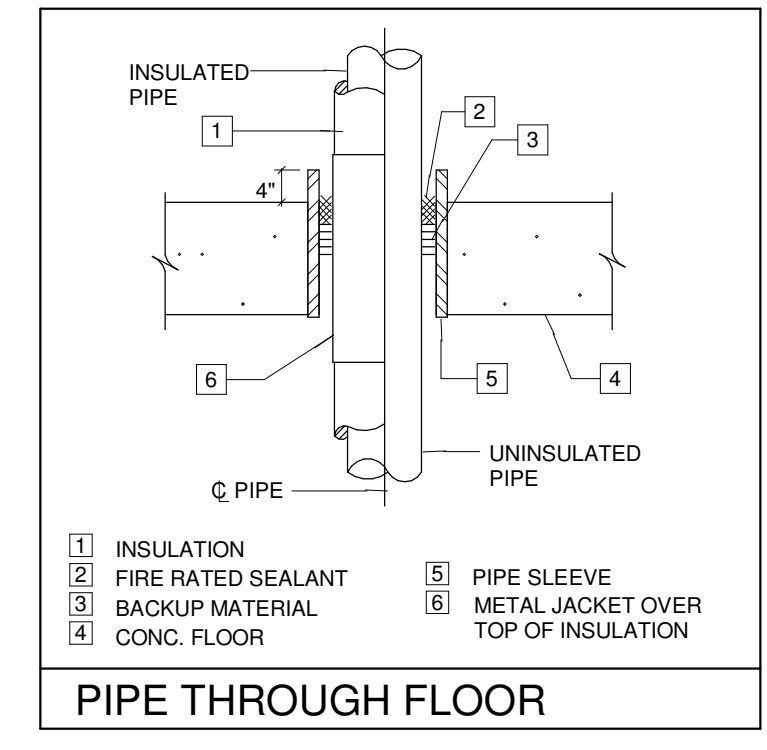
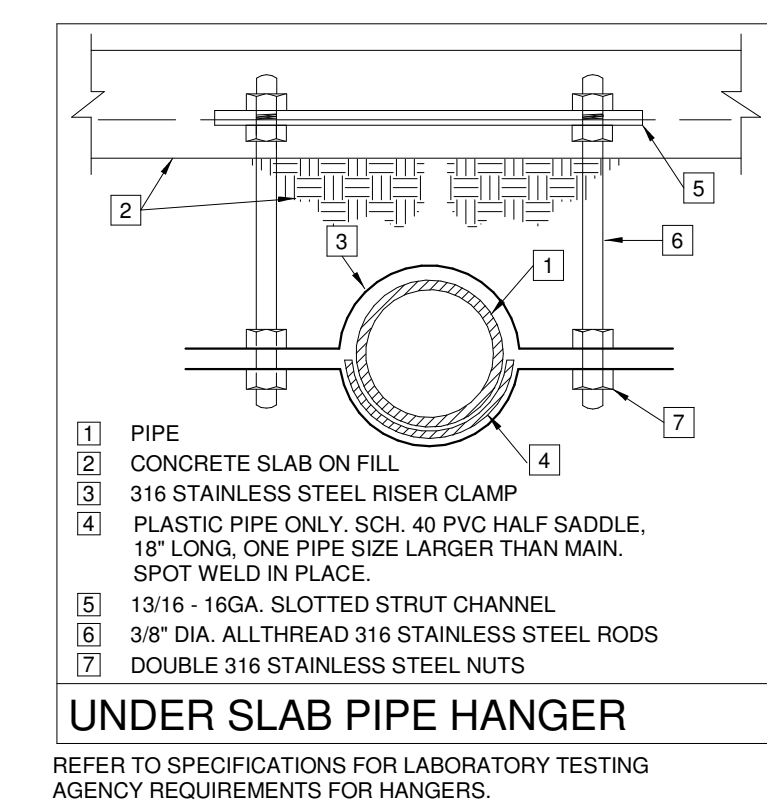
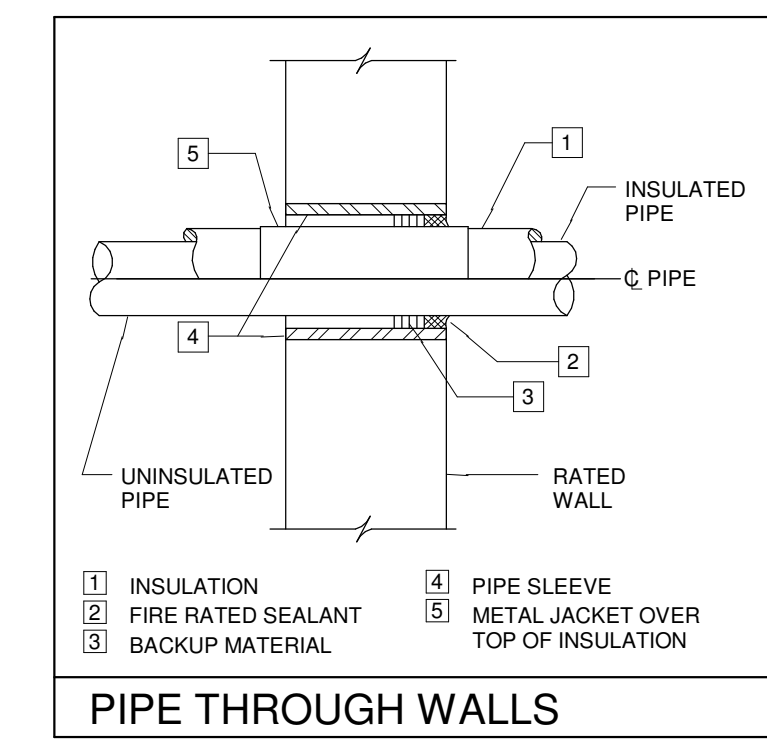
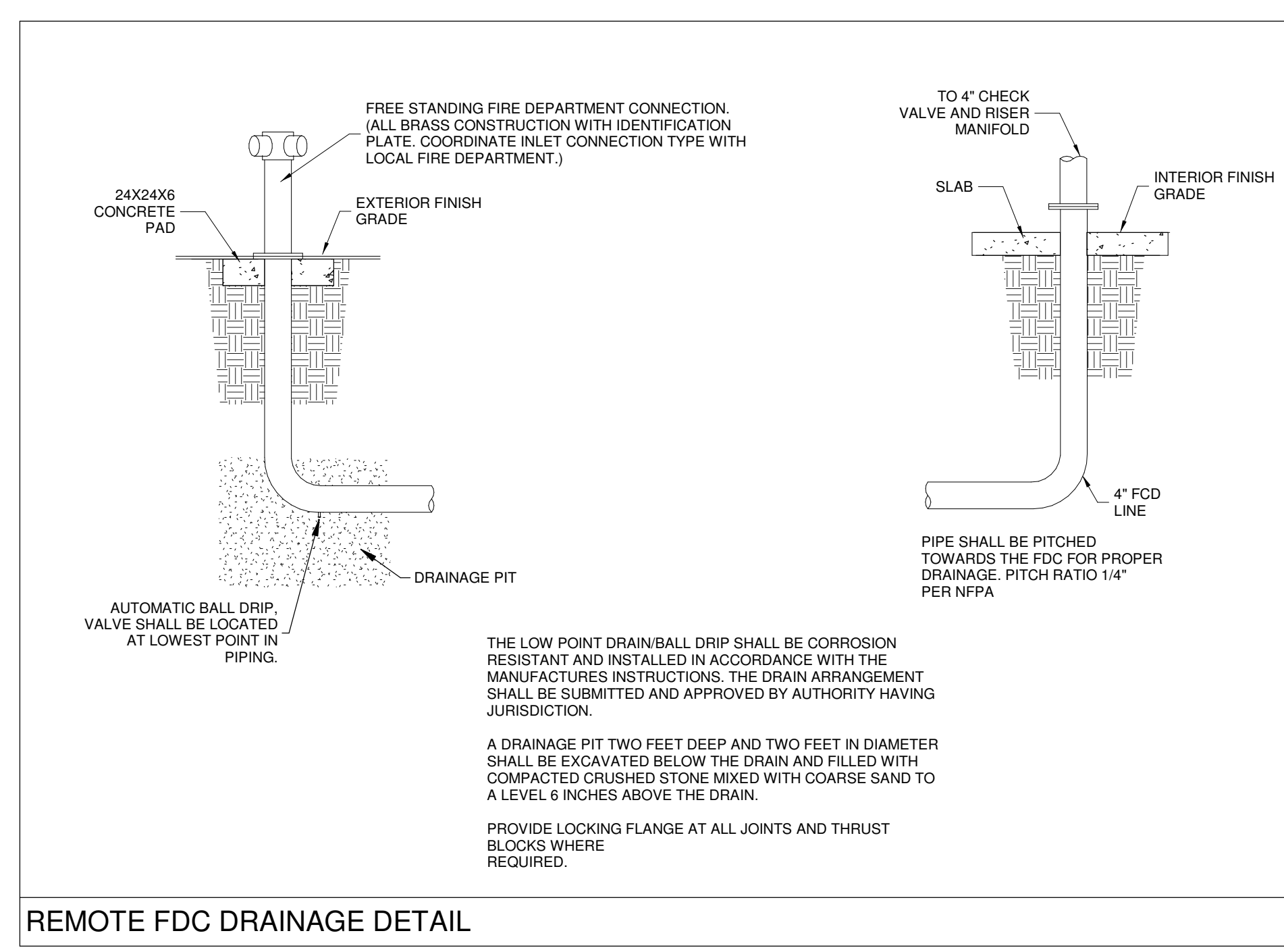
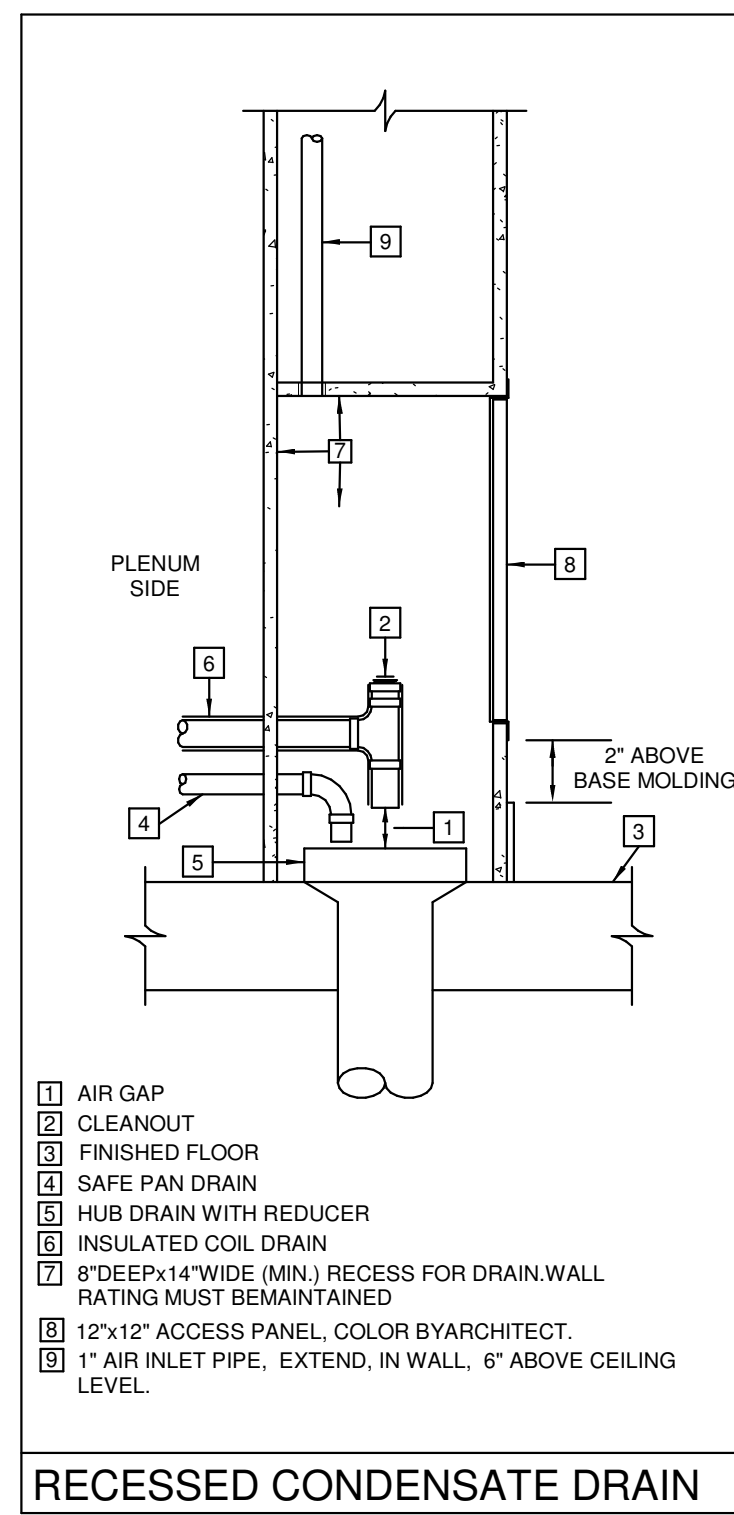
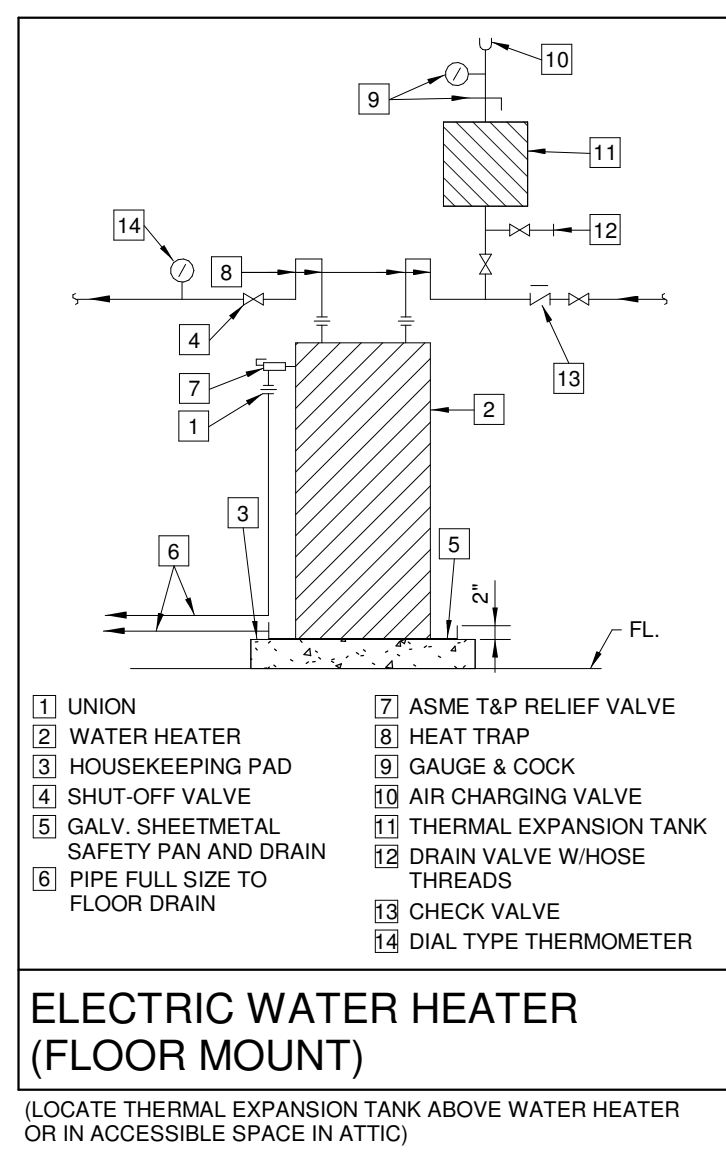
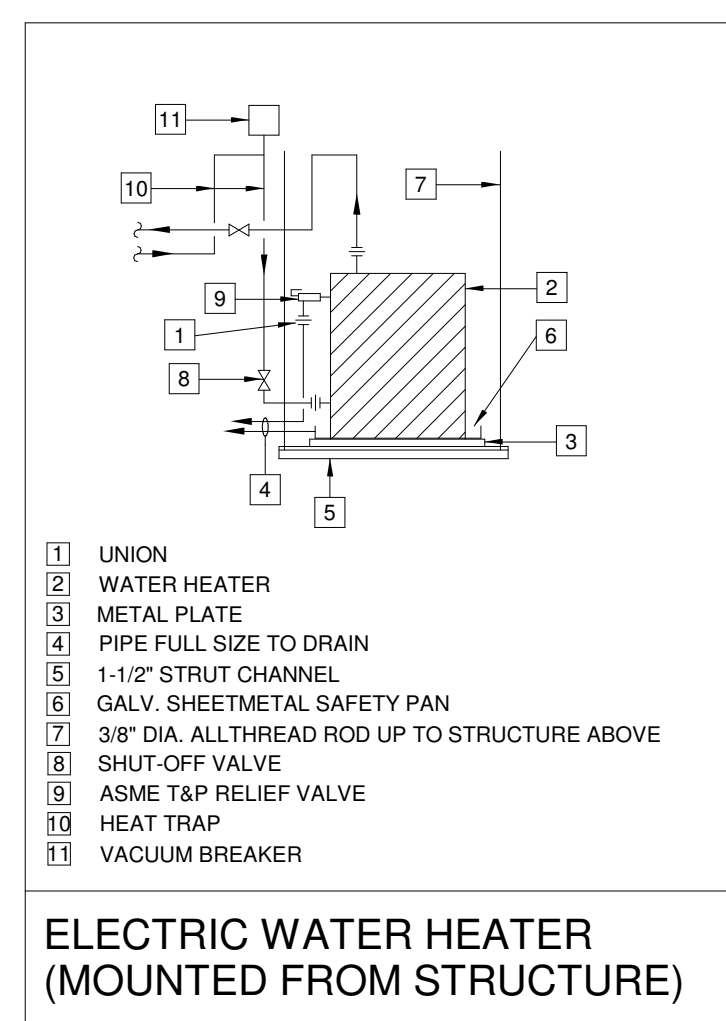
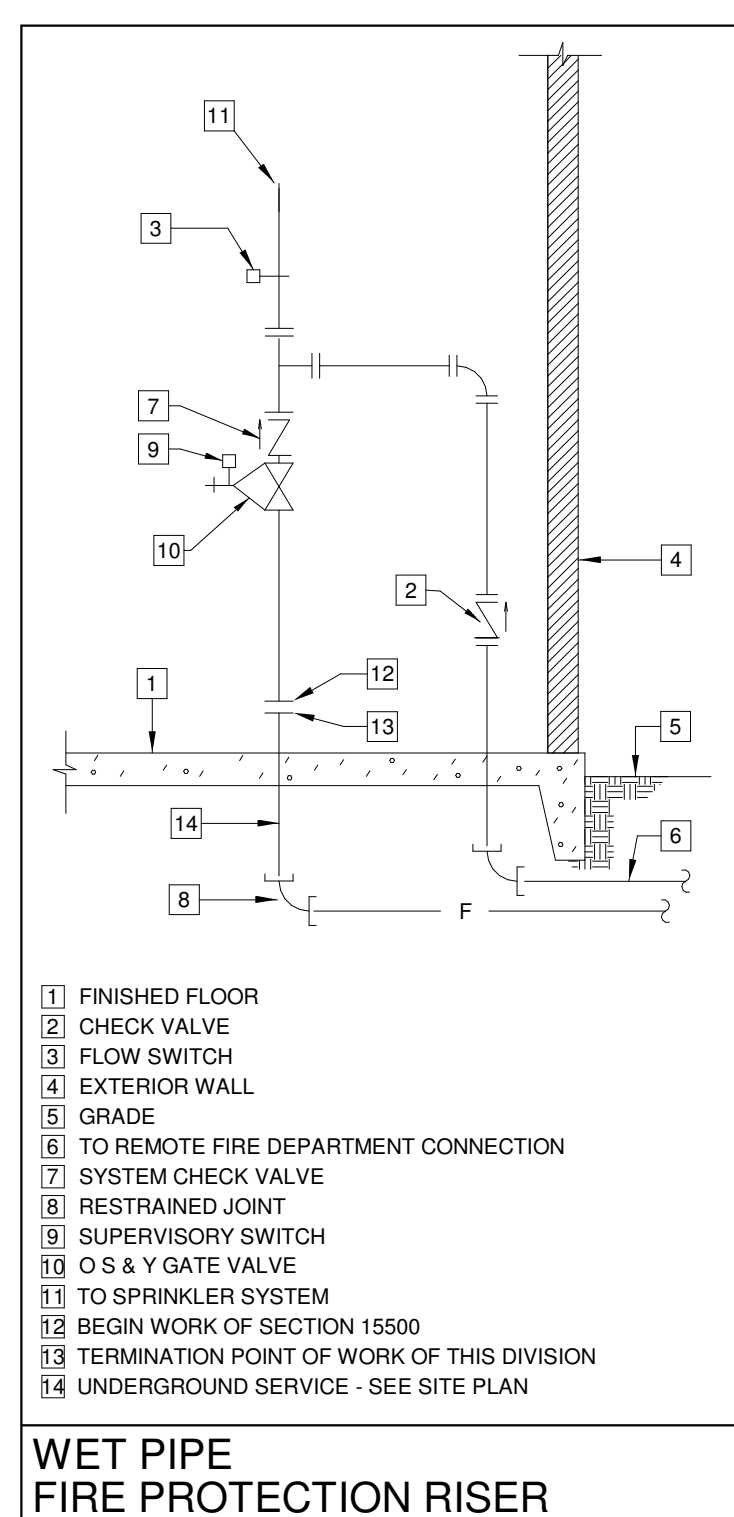
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DRAWN BY	BJT	DATE	05.05.2023
SHEET TITLE			
ROOF PLAN - PLBG AND FIRE PROTECTION			
PROJECT NO.		SHEET NO.	

GVA ENGINEERING, L.L.C.
PROJECT No. 3931

MBA - 11884
ABM - 201813 **PF102**



PLUMBING LEGEND

---	SOIL AND WASTE PIPING
---	VENT PIPING
---	STORM DRAIN PIPING
---	COLD WATER PIPING
---	HOT WATER PIPING
---	HOT WATER RETURN PIPING
---	SHUT-OFF VALVE
---	BALANCE VALVE (SET TO INDICATED GPM)
---	CHECK VALVE
---	UNION
---	ABOVE FINISHED FLOOR
---	VENT THRU ROOF
---	FLOOR DRAIN
---	CLEANOUT
---	WALL CLEANOUT
---	SWING JOINT

FIRE PROTECTION LEGEND

---	FIRE PROTECTION MAIN
-----	----------------------

ELECTRIC WATER HEATER SCHEDULE

HEATER NUMBER (EWH)	EWH-1 *	EWH-2 *	EWH-3
LOCATION	SEE PLANS	SEE PLANS	SEE PLANS
MANUFACTURER	A.O. SMITH	A.O. SMITH	A.O. SMITH
MODEL NUMBER	DEN-40	DEN-52	DEL-6
OPERATING WEIGHT (LBS)	460	575	85
RECOVERY (GPH)	12	12	6
TEMPERATURE RISE (°F)	100	100	100
STORAGE CAPACITY (GALLONS)	40	55	6
STORAGE TEMPERATURE (°F)	140	140	120
KILOWATTS	3	3	1.5
VOLTAGE / PHASE	480/3	480/3	277/1

* FACTORY SET AT 140°F

PLUMBING FIXTURE SCHEDULE

FIXTURE	SYMBOL	WASTE	VENT	COLD WATER	HOT WATER
WATER CLOSET	WC	4"	4"	1/2"	----
URINAL	U	2"	2"	1"	----
LAVATORY	L	2"	2"	1/2"	1/2"
SINK	S	2"	2"	1/2"	1/2"
FLOOR DRAINS *	FD	2"-4"	2"	----	----
MOP BASIN	MB	3"	2"	1/2"	1/2"
ELECTRIC WATER COOLER	EW	2"	2"	1/2"	----
WATER SUPPLY BOX	WSB	----	----	1/2"	----

WATER PIPING SHOWN SERVING MORE THAN ONE FIXTURE SHALL BE RUN FULL-SIZE TO THE LAST FIXTURE. TAP-OFF WITH THE SCHEDULED SIZES TO EACH FIXTURE. SEE SPECIFICATIONS FOR FIXTURE DESCRIPTION.

* PROVIDE 1/2" FLOOR DRAIN TRAP PRIMER CONNECTION (MORE THAN ONE CONNECTION MAY BE REQUIRED) BETWEEN PRESSURE TYPE TRAP PRIMER AND NEAREST FLOOR DRAIN.

TEMPERING VALVE SCHEDULE

VALVE NUMBER (TV)	TV-1 & TV-2 *
LOCATION	SEE PLANS
MANUFACTURER	LEONARD
MODEL NUMBER	TM-26-LF
CAPACITY (GPM)	10
PRESSURE DIFFERENTIAL (PSI)	10
INLET HOT WATER (°F)	140
INLET COLD WATER (°F)	40
OUTLET TEMPERED WATER (°F)	110
ACCESSORIES	CABINET NO THERMOMETER YES VOLUME CONTROL YES VACUUM BREAKER NO FINISH ROUGH BRASS ALARM NO

TEMPERING VALVE PIPING SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN PIPING DIAGRAM (LEONARD METHOD #1 FOR TV-1, LEONARD METHOD #2 FOR TV-2) BI-METAL VALVES FOR TV-2; COORDINATE WITH THE MANUFACTURER FOR DETAILS.

MOUNT ON GALVANIZED UNISTRUT FRAME.

DRAIN SCHEDULE

DESIG.	JAY R. SMITH No.	JOSAM No.	DESCRIPTION	REMARKS
FD-1	2010-A-P050	30000-A	C.I. BODY WITH NICKEL BRONZE STRAINER & TRAP PRIMER CONNECTION	
FD-2	2010-F37	30000-FE1	C.I. BODY WITH EXTENDED RIM NICKEL BRONZE STRAINER	INSTALL STRAINER RIM FLUSH WITH FINISHED FLOOR
AD-1	2130C	32200	C.I. DEEP BODY WITH SEDIMENT BUCKET	INSTALL RIM FLUSH WITH SLAB
RD-1	1010Y-R-C	21900-3	C.I. BODY, NO-HUB OUTLET, C.I. DOME, DRAIN RECEIVER & UNDERDECK CLAMP	

NOTES:
PROVIDE TRAP SEAL PRIMER CONNECTIONS ON ALL DRAINS NOT SPECIFICALLY DEDICATED TO DRAIN A NEW PLUMBING FIXTURE. UNLESS OTHERWISE NOTED OR INDICATED, OBTAIN WATER CONNECTION FROM NEAREST WATER CLOSET FLUSH VALVE AND, PIPE CONNECTION ON DRAIN, IF A WATER CLOSET FLUSH VALVE IS NOT READILY AVAILABLE. PROVIDE TRAP PRIMER WITH APPROVED BACKFLOW PREVENTER, EXTEND AND CONNECT IT TO NEAREST WATER SUPPLY AND PIPE TO CONNECTION ON DRAIN.

THERMAL EXPANSION TANK

EXPANSION TANK NUMBER (TET)	TET-1 & TET-2
LOCATION	SEE PLANS
MANUFACTURER	ELBI
MODEL NUMBER	DTS-30
OPERATING WEIGHT (LBS)	110
EXPANDED WATER (GALLONS)	8
RELIEF VALVE SETTING (PSI)	50
SUPPLY LINE PRESSURE (AVG)	40

PUMP SCHEDULE

PUMP NUMBER	CP-2
MANUFACTURER	GRUNDFOS
MODEL NUMBER	UPS 15-42
DESCRIPTION	IN-LINE
LOCATION	HVAC 3 - 127
SERVICE	H.W. CIRC.
OPERATING WEIGHT (LBS)	50
GPM (EACH)	1.5
TDH (FEET WG)	10
TIMER	YES
MOTOR HORSEPOWER (EACH)	1/25
VOLTAGE / PHASE	120/1

PUMP HOUSING SHALL BE STAINLESS STEEL OR BRONZE

No.	Description	Date

KEY PLAN

5-5-23

Mathes Briere ARCHITECTS
ARCHITECTS BEAZLEY MOLIÈRE

201 St. Charles Avenue, Forty First Floor
New Orleans, Louisiana 70170-4100
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DESIGNED BY	DCC	CHECKED BY	DCC
DRAWN BY	BJT	DATE	05.05.2023
SHEET TITLE SCHEDULES AND DETAILS			
PROJECT NO.	MBA - 11884	SHEET NO.	PF201
	ABM - 201813		

GVA ENGINEERING, L.L.C.
PROJECT No. 3931