



Disk & Hydroseed

20 trees 45 gal

31 trees 45 gal

Outdoor classroom
20'x30' surrounding
seating

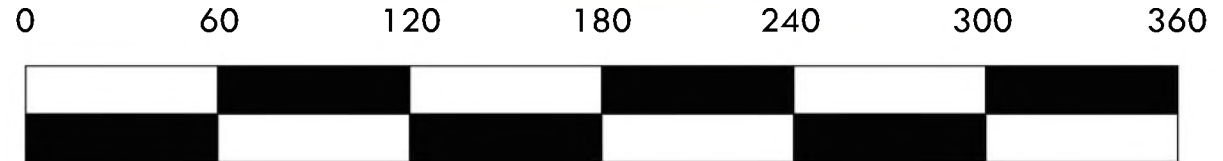
conc. walk

(3) 6'x10' seating area
gravel w/ steel
edge

PIP
soft surface
Play
Landscape
Structures

lawn

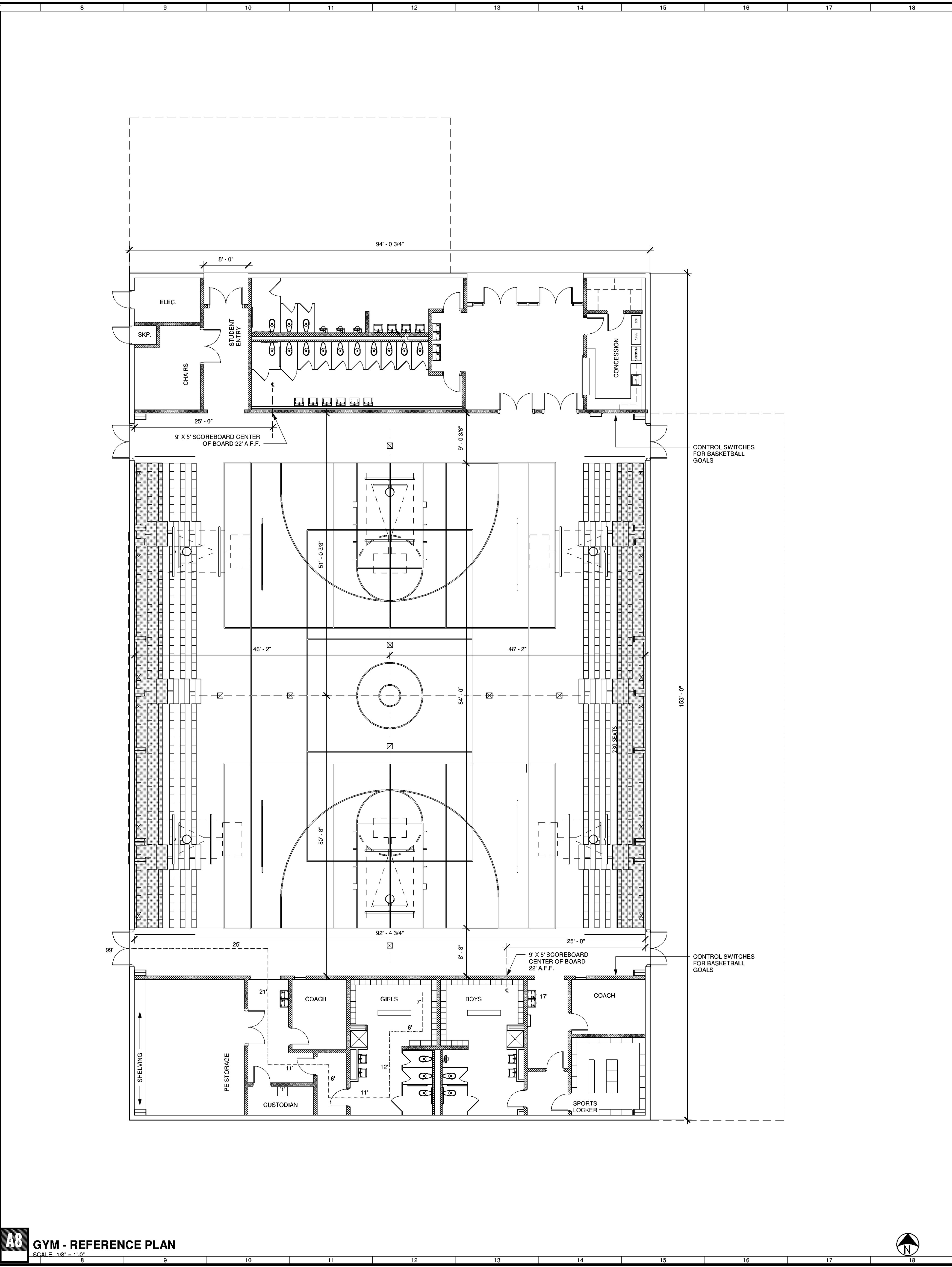
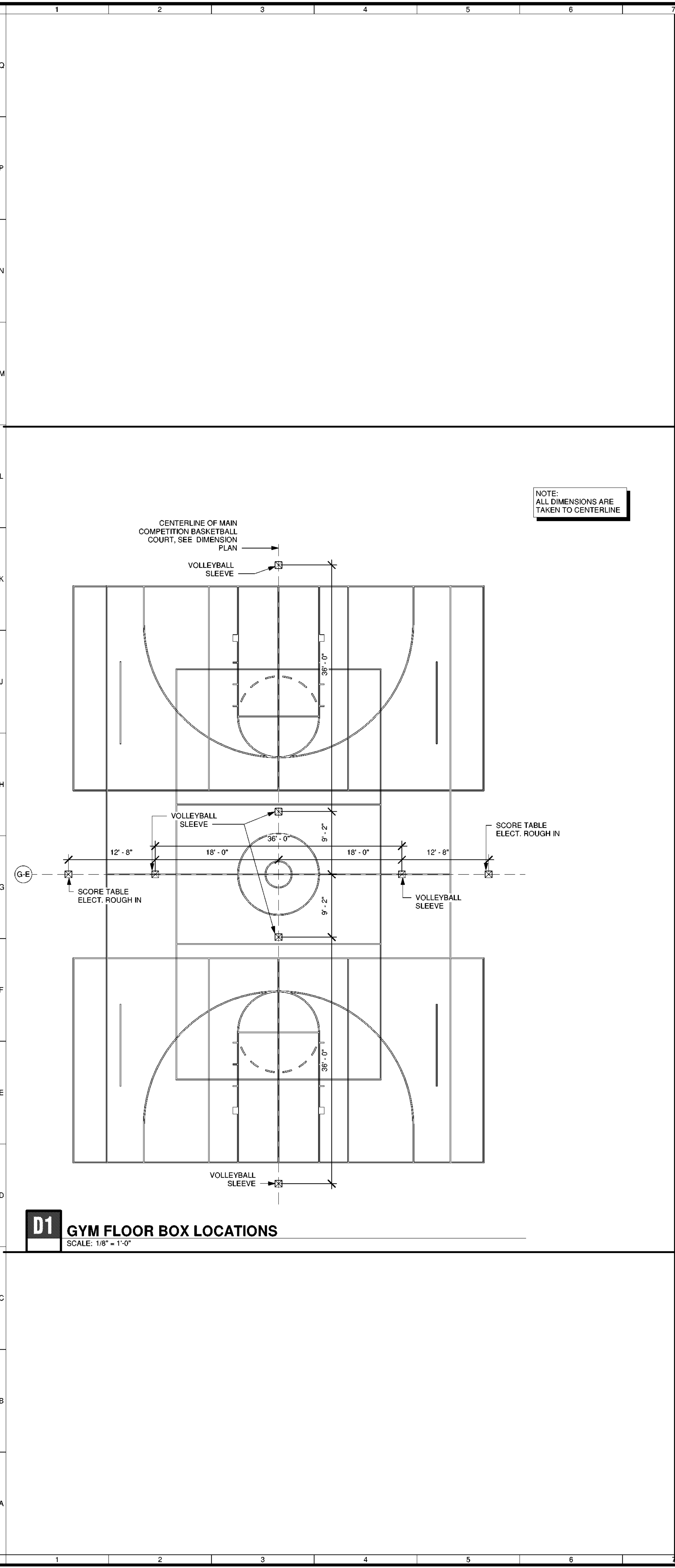
bball



SCALE: 1" = 60'



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Autodesk Docs://Cohn Elementary Additions 64-002-244/64-002-244-Cohn_Gymnasium_Addition-PT24.rvt



KEYNOTES

1) TYP. CMU RADIUS CORNER REA1 / A5.42

DATE

12/17/20

DESCRIPTION

AS1 No. 3

REV

15

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For *Hotard*

P.O. Box 213
Prague, LA 70765

BCB ARCHITECTS, LLC
Clear Hotard
ARCHITECT & ASSOCIATES, INC.

COHN ELEMENTARY ADDITION

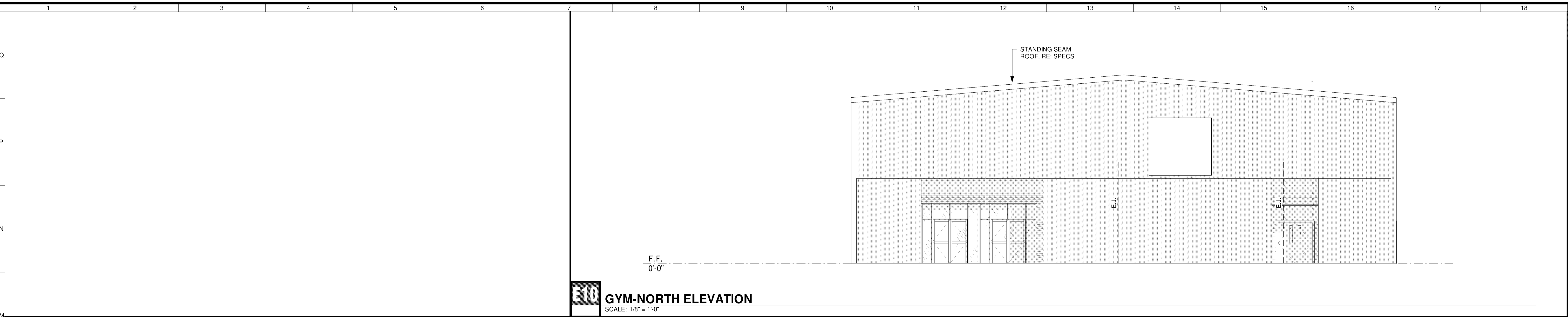
SCHEMATIC DESIGN
805 14TH ST.
PORT ALLEN, LA 70767

PROJECT NO.: 64-002-24A
PHASE: SCHEMATIC DESIGN

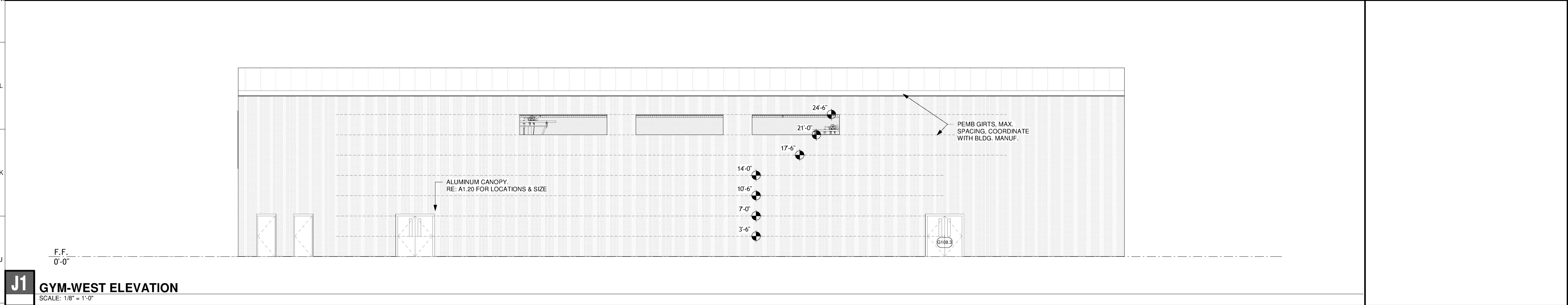
DATE: 5-19-25
PROJECT ARCHITECT: JL
DRAWN BY: Author

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A2.20A
of

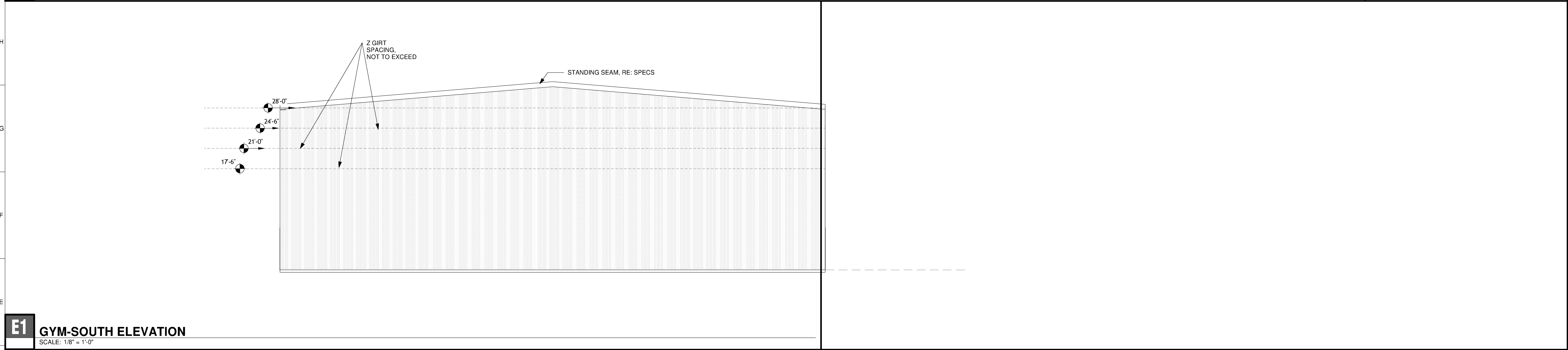
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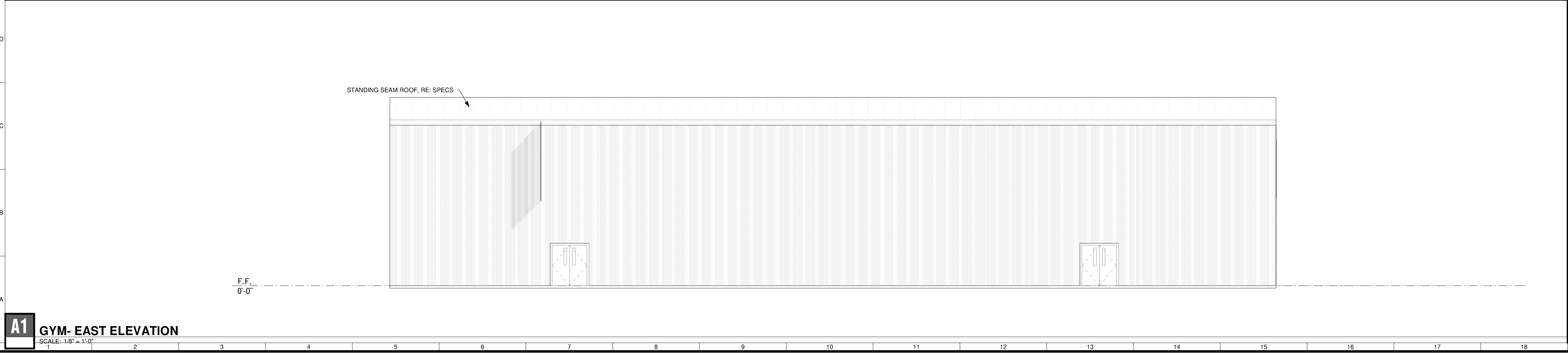
E10 GYM-NORTH ELEVATION
SCALE: 1/8" = 1'-0"



J1 GYM-WEST ELEVATION
SCALE: 1/8" = 1'-0"



E1 GYM-SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



A1 GYM- EAST ELEVATION
SCALE: 1/8" = 1'-0"

KEYNOTES

42000-05 BRICK VENEER

REV	DESCRIPTION	DATE
15	ASI No. 3	12/17/20

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CONSTRUCTION

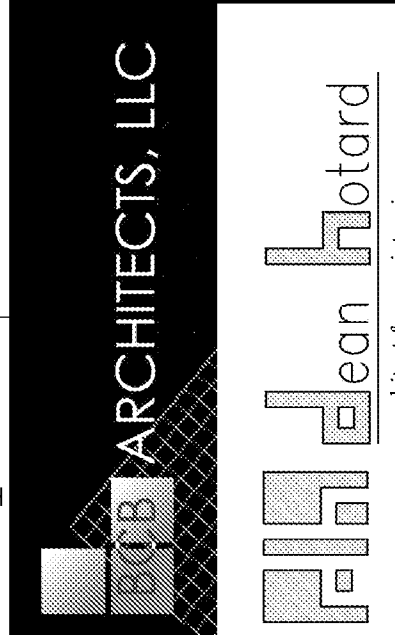
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We will generally administer construction.

[Signature]

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Pasadena, LA
70785



COHN ELEMENTARY ADDITION
SCHEMATIC DESIGN
805 14TH ST.
PORT ALLEN, LA 70767

PROJECT NO:	64-002-24A
PHASE:	SCHEMATIC DESIGN
DATE:	5-19-25
PROJECT ARCHITECT:	JL
DRAWN BY:	Author

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1 | ENRICHMENT CENTER- FIRE PROTECTION PLAN
1/8" = 1'-0"



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TIA PROJECT # 24-295
Frank Saville Thompson - License No. 28854
Landon David Burns - License No. 46484

Q	DATE	
P	DESCRIPTION	
P	REV	
N	NOT FOR CONSTRUCTION	
M		
L	This drawing is the property of RCB ARCHITECTS, LLC. Owen Hottard, Architect and Associates, Inc. and is not to be reproduced or copied in whole or in part unless authorization given by RCB ARCHITECTS, LLC. Owen Hottard, Architect and Associates, Inc. It is only to be used for the project and site specifically identified herein. Scales as stated herein are valid on the original drawing only. These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will promptly administer construction. By <i>[Signature]</i>	
K	P.O. Box 213 Plaquemine, LA 70765	
J	RCB ARCHITECTS, LLC RCB Hotard architect & associates, llc	
H	COHN ENRICHMENT ADDITION SCHEMATIC DESIGN 805 14TH ST. PORT ALLEN, LA 70767	
G	PROJECT NO: 64-002-24A	
F	PHASE: PRICING SET	
E	DATE: July 9, 2025	
D	PROJECT ARCHITECT: JL	
C	DRAWN BY: Author	
B	SHEET NO.	
A	FP1.0 of	



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CHILLED WATER AIR HANDLING UNIT

- NOTES:
- CAPACITIES SHALL BE IN ACCORDANCE WITH ARI STANDARD 210/240: (A) COOLING: 80°F DB / 67°F WB ENTERING INDOOR COIL; 95°F ENTERING OUTDOOR COIL AT PUBLISHED NOMINAL CFM (B) LOW TEMPERATURE HEATING: 17°F DB / 19°F WB ENTERING OUTDOOR COIL; 70°F ENTERING INDOOR COIL AT PUBLISHED NOMINAL CFM
 - EXTERNAL STATIC PRESSURE LOSSES DO NOT ACCOUNT FOR DIRTY FILTER
 - UNIT SHALL HAVE SINGLE POINT ELECTRICAL CONNECTION AND SHALL BE FURNISHED AND INSTALLED WITH INTEGRAL FACTORY DISCONNECT
 -
 -

MARK	DESCRIPTION	EQUIPMENT CFM	OUTSIDE AIR CFM	CHILLED WATER COIL ENT WATER TEMP	CHILLED WATER COIL LEAV WATER TEMP	CHILLED WATER COIL GPM	CHILLED WATER COIL ENTERING AIR DB	CHILLED WATER COIL ENTERING AIR WB	CHILLED WATER COIL LEAVING DB	CHILLED WATER COIL LEAVING WB	CHILLED WATER COIL MIN ROWS	CHILLED WATER COIL SENSIBLE CAPACITY BTUH	CHILLED WATER COIL TOTAL CAPACITY BTUH	EQUIPMENT FAN QUANTITY	SUPPLY FAN POWER	FAN MINIMUM EXTERNAL STATIC PRESSURE (IN. H2O)	FAN DRIVE TYPE	ELECTRIC SERVICE					WEIGHT	ACCEPTABLE MANUFACTURERS	NOTES
																		VOLTS	PH	FREQ	MCA	MOCP			

FAN SCHEDULE

- NOTES:
- INTERLOCK FAN CONTROL WITH LIGHT SWITCH
 - PROVIDE BACKDRAFT DAMPER ON DISCHARGE OF FAN
 - PROVIDE SOLID STATE SPEED CONTROLLER; CONTROLLER MUST BE ACCESSIBLE FROM FACE OF FAN
 - FAN SHALL BE FURNISHED AND INSTALLED WITH FACTORY PROVIDED MOTORIZED DAMPER WIRED FOR SINGLE POINT CONNECTION FROM FACTORY, FLUSH EXTERIOR WALL HOUSING WITH OSHA APPROVED GUARD, WEATHERHOOD KIT WITH BIRD SCREEN, DISCONNECT SWITCH, AND PUSH BUTTON START/STOP CONTROLS MOUNTED ON NEARBY WALL. REFER TO SIDEWALL PROP FAN DETAIL FOR WEATHERHOOD SELECTION
 - FAN SHALL BE COATED WITH BAKED ON POWDER COAT TO PROTECT AGAINST CORROSION
 -
 -

MARK	LOCATION	TYPE	FAN			FAN MOTOR			ELECTRIC SERVICE			WEIGHT	ACCEPTABLE MANUFACTURERS	NOTES
			AIR FLOW	MIN ESP	MAX SONES	RPM	DRIVE	POWER	VOLTS	PH	FREQ			
EF-1		CABINET EXHAUST FAN	75 CFM	0.25 in-wg	4	800	DIRECT	40W	115 V	1	60 Hz	25 lb	GREENHECK SP-B150; COOK GN-162	
EF-2		CABINET EXHAUST FAN	75 CFM	0.25 in-wg	4	800	DIRECT	40W	115 V	1	60 Hz	25 lb	GREENHECK SP-B150; COOK GN-162	
EF-3		INLINE SUPPLY	225 CFM	0.25 in-wg	6	1000	DIRECT	1/4HP	120 V	1	60 Hz	80 lb	GREENHECK B0F SERIES; COOK DB SERIES	
EF-4		INLINE SUPPLY	225 CFM	0.25 in-wg	6	1000	DIRECT	1/4HP	120 V	1	60 Hz	80 lb	GREENHECK B0F SERIES; COOK DB SERIES	
EF-5		CABINET EXHAUST FAN	75 CFM	0.25 in-wg	4	800	DIRECT	40W	115 V	1	60 Hz	25 lb	GREENHECK SP-B150; COOK GN-162	
EF-6		CABINET EXHAUST FAN	75 CFM	0.25 in-wg	4	800	DIRECT	40W	115 V	1	60 Hz	25 lb	GREENHECK SP-B150; COOK GN-162	

SINGLE TERMINAL UNIT W/ ELECTRIC REHEAT COIL SCHEDULE

- NOTES:
- ALL UNITS SHALL HAVE SINGLE POINT ELECTRICAL CONNECTION
 - CONTRACTOR TO PROVIDE AND INSTALL TRANSFORMERS AS REQUIRED
 - CONTRACTOR SHALL FURNISH AND INSTALL ALL NECESSARY TRANSITIONS BETWEEN TERMINAL BOX AND SUPPLY DUCT
 -
 -

MARK	INLET DIA	AIRFLOW			ELECTRIC HEATING COIL CAPACITY (W)	EQUIPMENT ELECTRICAL VOLTS	EQUIPMENT ELECTRICAL PH	EQUIPMENT ELECTRICAL HZ	ACCEPTABLE MANUFACTURERS	NOTES
		COOLING MAX	HEATING MIN	MAX DP						
VAV-3-1	14"	1400 CFM	700 CFM	0.5 in-wg	4400 W	277 V	1	60 Hz	KRUEGER LMHS SERIES; PRICE OR TITUS APPROVED EQUALS	1, 2, 3
VAV-3-2	7"	450 CFM	225 CFM	0.5 in-wg	1500 W	277 V	1	60 Hz	KRUEGER LMHS SERIES; PRICE OR TITUS APPROVED EQUALS	1, 2, 3
VAV-3-3	14"	1400 CFM	700 CFM	0.5 in-wg	4400 W	277 V	1	60 Hz	KRUEGER LMHS SERIES; PRICE OR TITUS APPROVED EQUALS	1, 2, 3
VAV-3-4	8"	650 CFM	325 CFM	0.5 in-wg	2100 W	277 V	1	60 Hz	KRUEGER LMHS SERIES; PRICE OR TITUS APPROVED EQUALS	1, 2, 3
VAV-3-5	7"	450 CFM	210 CFM	0.5 in-wg	1500 W	277 V	1	60 Hz	KRUEGER LMHS SERIES; PRICE OR TITUS APPROVED EQUALS	1, 2, 3
VAV-3-6	7"	500 CFM	0 CFM	0.5 in-wg	0 W	277 V	1	60 Hz	KRUEGER LMHS SERIES; PRICE OR TITUS APPROVED EQUALS	1, 2, 3
VAV-3-7	7"	300 CFM	150 CFM	0.5 in-wg	1500 W	277 V	1	60 Hz	KRUEGER LMHS SERIES; PRICE OR TITUS APPROVED EQUALS	1, 2, 3
VAV-3-8	6"	250 CFM	125 CFM	0.5 in-wg	1500 W	277 V	1	60 Hz	KRUEGER LMHS SERIES; PRICE OR TITUS APPROVED EQUALS	1, 2, 3
VAV-3-9	6"	300 CFM	150 CFM	0.5 in-wg	1500 W	277 V	1	60 Hz	KRUEGER LMHS SERIES; PRICE OR TITUS APPROVED EQUALS	1, 2, 3
VAV-3-10	6"	300 CFM	150 CFM	0.5 in-wg	1500 W	277 V	1	60 Hz	KRUEGER LMHS SERIES; PRICE OR TITUS APPROVED EQUALS	1, 2, 3
VAV-3-11	6"	300 CFM	150 CFM	0.5 in-wg	1500 W	277 V	1	60 Hz	KRUEGER LMHS SERIES; PRICE OR TITUS APPROVED EQUALS	1, 2, 3
VAV-3-12	14"	1500 CFM	750 CFM	0.5 in-wg	4700 W	277 V	1	60 Hz	KRUEGER LMHS SERIES; PRICE OR TITUS APPROVED EQUALS	1, 2, 3
VAV-3-13	14"	1300 CFM	650 CFM	0.5 in-wg	4100 W	277 V	1	60 Hz	KRUEGER LMHS SERIES; PRICE OR TITUS APPROVED EQUALS	1, 2, 3
VAV-3-14	14"	1300 CFM	650 CFM	0.5 in-wg	4100 W	277 V	1	60 Hz	KRUEGER LMHS SERIES; PRICE OR TITUS APPROVED EQUALS	1, 2, 3
VAV-3-15	12"	1000 CFM	510 CFM	0.5 in-wg	3200 W	277 V	1	60 Hz	KRUEGER LMHS SERIES; PRICE OR TITUS APPROVED EQUALS	1, 2, 3
VAV-3-16	12"	1000 CFM	500 CFM	0.5 in-wg	3200 W	277 V	1	60 Hz	KRUEGER LMHS SERIES; PRICE OR TITUS APPROVED EQUALS	1, 2, 3
VAV-3-17	12"	1200 CFM	600 CFM	0.5 in-wg	3800 W	277 V	1	60 Hz	KRUEGER LMHS SERIES; PRICE OR TITUS APPROVED EQUALS	1, 2, 3
VAV-3-18	12"	1200 CFM	600 CFM	0.5 in-wg	3800 W	277 V	1	60 Hz	KRUEGER LMHS SERIES; PRICE OR TITUS APPROVED EQUALS	1, 2, 3
VAV-3-19	8"	680 CFM	340 CFM	0.5 in-wg	2200 W	277 V	1	60 Hz	KRUEGER LMHS SERIES; PRICE OR TITUS APPROVED EQUALS	1, 2, 3
VAV-3-20	12"	1200 CFM	600 CFM	0.5 in-wg	3800 W	277 V	1	60 Hz	KRUEGER LMHS SERIES; PRICE OR TITUS APPROVED EQUALS	1, 2, 3

INLET AND OUTLET SCHEDULE

- NOTES:
- CONTRACTOR SHALL COORDINATE LOCATION OF DIFFUSER WITH ARCHITECTURAL REFLECTIVE CEILING PLAN TO AVOID ANY CONFLICTS WITH LIGHTS, AUDIO EQUIPMENT, AND OTHER CEILING APPURTENANCE
 - RETURN GRILLES SHALL BE INSTALLED WITH FILTER RACK; PROVIDE FILTERS DURING CONSTRUCTION; CONSTRUCTION FILTERS SHALL BE CHANGED WEEKLY DURING CONSTRUCTION AND WHEN UNITS ARE RUNNING; SEAMS BETWEEN FILTER AND RACK SHALL BE TAPED WITH FOIL BACKED DUCT TAPE
 - LINEAR SLOT DIFFUSER TO BE FURNISHED AND INSTALLED WITH FACTORY PROVIDED INSULATED PLENUM TO MATCH SIZE OF DIFFUSER AND ALL BLANK-OFFS AND MITERED CORNER SECTIONS NECESSARY TO PROVIDE A CONTINUOUS RUN AS SHOWN ON PLANS. PROVIDE TRANSITION WHERE LINEAR SLOT INLET SIZE DIFFERS FROM SUPPLY BRANCH DUCT SIZE SHOWN ON PLANS
 - COORDINATE COLOR OF DIFFUSER/GRILLE WITH ARCHITECT PRIOR TO BIDDING
 - DIFFUSER TO BE FURNISHED AND INSTALLED WITH FOIL-BACKED R-6 INSULATION
 -

MARK	SERVICE	DESCRIPTION	CFM RANGE		FACE SIZE	NECK		CONSTRUCTION MATERIAL	ACCEPTABLE MANUFACTURERS	NOTES
			MIN.	MAX.		TYPE	SIZE			
EA	EXHAUST	12" x 1/2" x 1" EGGRATE	0 CFM	630 CFM	12 X 12	RECT	12 X 12	ALUMINUM	NAILOR MODEL 51EC; PRICE MODEL 81; TITUS 50F	
RA	RETURN	EGGRATE GRILLE WITH 1/2" X 1/2" X 1" CORE	0 CFM	2160 CFM	24 X 24	RECT	24 X 24	ALUMINUM	NAILOR MODEL 51EC; PRICE MODEL 81; TITUS 50 F	
RB	RETURN	45° DEFLECTION SIDEWALL GRILLE W/ 3/4" BLADE SPACING	0 CFM	2760 CFM	48 X 24	RECT	48 X 24	ALUMINUM	PRICE 600 SERIES; NAILOR 5100 SERIES; TITUS 330 SERIES	
RC	RETURN	45° DEFLECTION SIDEWALL GRILLE W/ 3/4" BLADE SPACING	0 CFM	1440 CFM	30 X 18	RECT	30 X 18	ALUMINUM	PRICE 600 SERIES; NAILOR 5100 SERIES; TITUS 330 SERIES	
SA	SUPPLY	SQUARE 4 CONE FIXED PATTERN CEILING DIFFUSER	0 CFM	130 CFM	12 X 12	ROUND	6	ALUMINUM	NAILOR MODEL ARNS; PRICE MODEL ASCO; TITUS TMS-AA SERIES	
SB	SUPPLY	SQUARE 4 CONE FIXED PATTERN CEILING DIFFUSER	130 CFM	230 CFM	24 X 24	ROUND	9	ALUMINUM	NAILOR MODEL ARNS; PRICE MODEL ASCO; TITUS TMS-AA SERIES	
SC	SUPPLY	SQUARE 4 CONE FIXED PATTERN CEILING DIFFUSER	230 CFM	320 CFM	24 X 24	ROUND	10	ALUMINUM	NAILOR MODEL ARNS; PRICE MODEL ASCO; TITUS TMS-AA SERIES	
SD	SUPPLY	DOUBLE DEFLECTION SIDEWALL GRILLE W/ 3/4" BLADE SPACING	0 CFM	400 CFM	12 X 12	RECT	12 X 12	ALUMINUM	PRICE 620 SERIES; NAILOR 5100 SERIES; TITUS 300FS SERIES	
SE	SUPPLY	SQUARE 4 CONE FIXED PATTERN CEILING DIFFUSER	320 CFM	600 CFM	24 X 24	ROUND	12	ALUMINUM	NAILOR MODEL ARNS; PRICE MODEL ASCO; TITUS TMS-AA SERIES	

LOUVER SCHEDULE

- NOTES:
- COORDINATE COLOR OF LOUVER WITH ARCHITECT PRIOR TO BIDDING
 -

Mark	SERVICE	DESCRIPTION	WIDTH	HEIGHT	AIRFLOW	FREE AREA	FREE AREA VELOCITY (FPM)	CONSTRUCTION MATERIAL	ACCEPTABLE MANUFACTURERS	NOTES
L-1		HIGH-PERFORMANCE DRAINABLE BLADE LOUVER	30"	12"	450 CFM	4 SF	113	ALUMINUM	GREENHECK ESD-603; UNITED ENERTECH FL-D-6.1; RUSKIN ELF6375DX	
L-2		HIGH-PERFORMANCE DRAINABLE BLADE LOUVER	12"	12"	150 CFM	4 SF	38	ALUMINUM	GREENHECK ESD-603; UNITED ENERTECH FL-D-6.1; RUSKIN ELF6375DX	
L-3		HIGH-PERFORMANCE DRAINABLE BLADE LOUVER	12"	12"	150 CFM	4 SF	38	ALUMINUM	GREENHECK ESD-603; UNITED ENERTECH FL-D-6.1; RUSKIN ELF6375DX	
L-4		HIGH-PERFORMANCE DRAINABLE BLADE LOUVER	72"	32"	3000 CFM	4 SF	750	ALUMINUM	GREENHECK ESD-603; UNITED ENERTECH FL-D-6.1; RUSKIN ELF6375DX	



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TLA PROJECT # 24-295
Frank Saville Thompson - License No. 28854
Landon David Burns - License No. 44684



DATE

DESCRIPTION

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[Signature]

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Plaquemine, LA 70765

RCB ARCHITECTS, LLC

Olsen Holstad

architect & associates, llc

COIN ENRICHMENT ADDITION

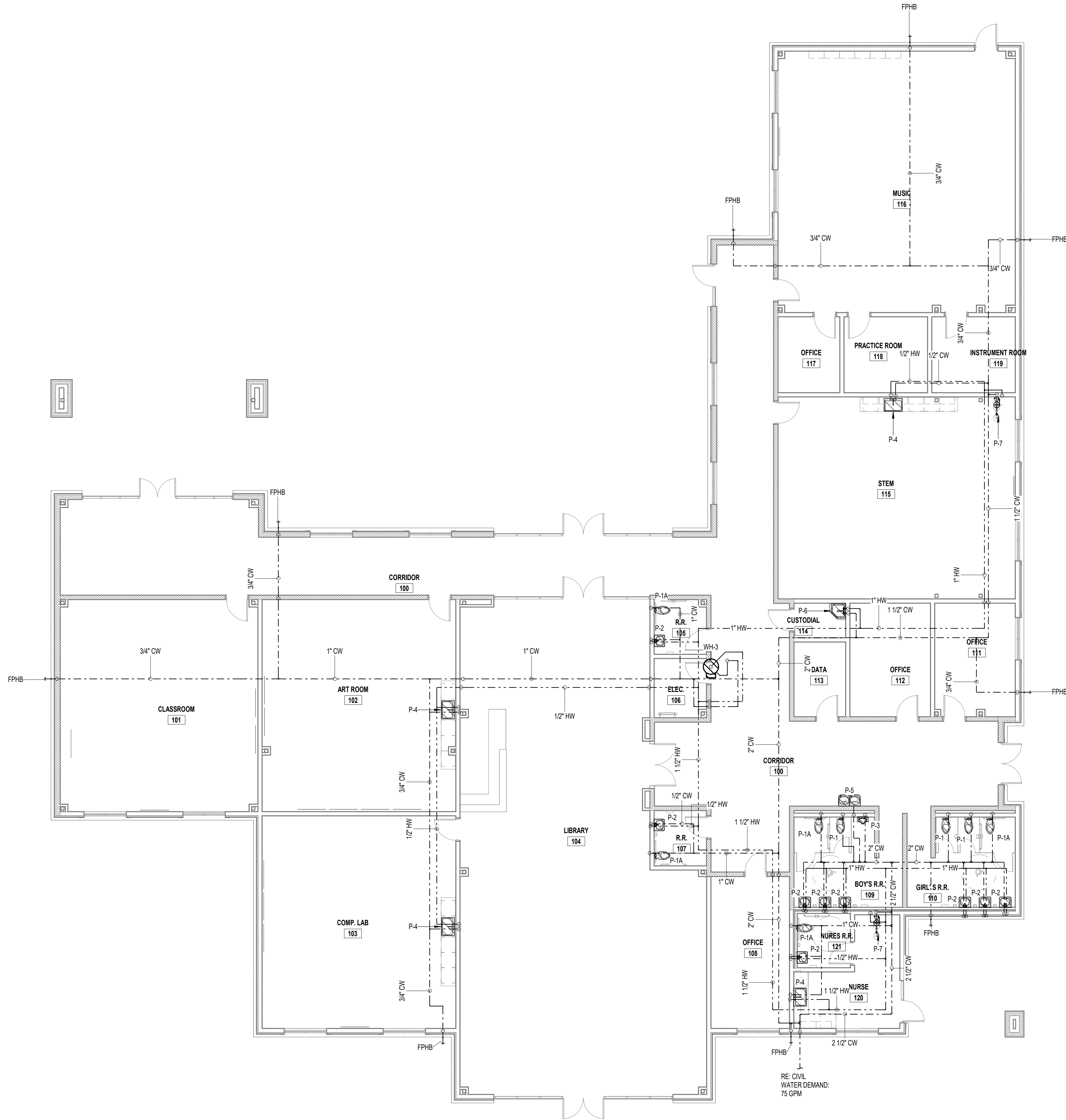
SCHEMATIC DESIGN
805 14TH ST.
PORT ALLEN, LA 70767

PROJECT NO: 64-002-24A
PHASE: PRICING SET
DATE: July 9, 2025
PROJECT ARCHITECT: J.L.
DRAWN BY: Author

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of _

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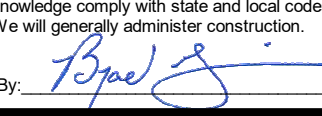
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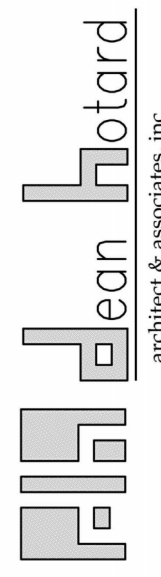
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By 

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Clean Notard.
architect & associate, llc.

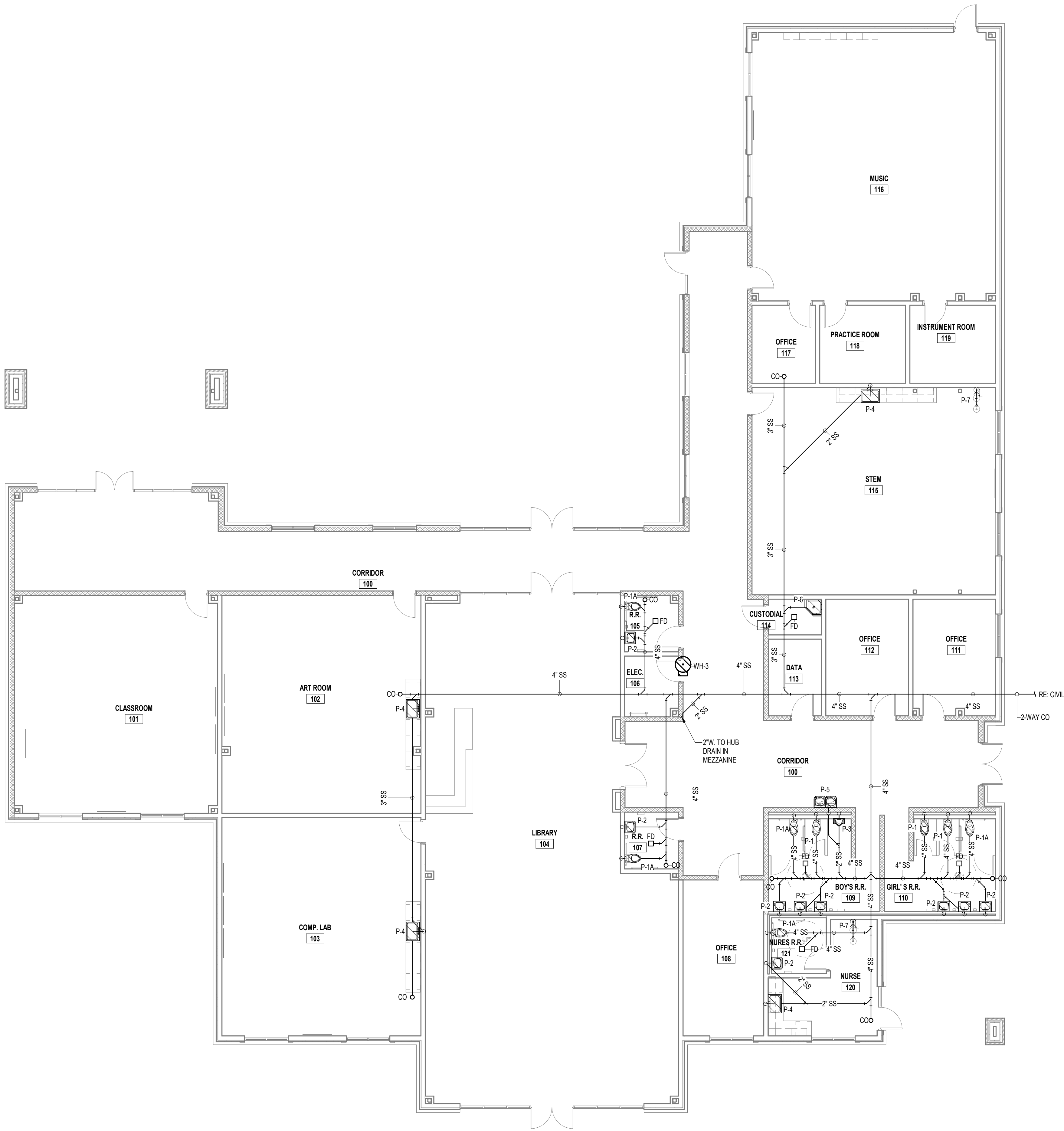
COHN ENRICHMENT ADDITION

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1 | ENRICHMENT CENTER-SANITARY SEWER PLAN
1/8" = 1'-0"



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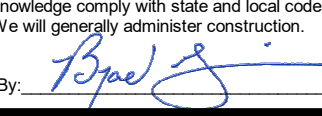
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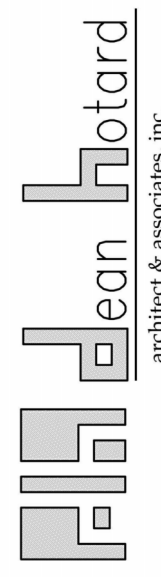
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Autodesk Docs/Conn Elementary Additions_64-002-244/COHN ENRICHMENT CENTER R24.rvt 7/9/2025 4:31:43 PM

WATER HEATER SCHEDULE

- NOTES:
1. WATER HEATER TO BE FURNISHED AND INSTALLED WITH THERMAL EXPANSION TANK AND RECIRCULATING PUMP; RE: THERMAL EXPANSION TANK AND RECIRCULATING PUMP SCHEDULES
 2. PROVIDE AND INSTALL ARMSTRONG ASTRO 508 BRONZE CIRCULATOR PUMP (CP-1) CAPABLE OF 10 GPM @ 12' HEAD AND 2800 RPM. ELECTRICAL SERVICE IS AS FOLLOWS, 115V/160 SERVICE, 1/20 HP MOTOR, 0.95 FLA. PUMP TO BE SECURED TO WALL
 3. WATER HEATER TO BE PROVIDED WITH IMMERSION STYLE THERMOSTAT
 - 4.

MARK	TYPE	FUEL TYPE	CAPACITY	GPH AT 100F RISE	QTY	ELEMENTS		ELECTRIC SERVICE				WEIGHT	ACCEPTABLE MANUFACTURERS	NOTES
						CAP EA.	CAP TOTAL	VOLTS	PH	FREQ	FLA			
WH-3	TANK	ELECTRIC	80 gal	98	6	4000 W	24000 W	480 V	3	60 Hz	28.9 A	900 lb	RHEEM COMMERCIAL E SERIES; LOCHINVAR HC SERIES; STATE CSB SERIES	

PLUMBING FIXTURE SCHEDULE

- NOTES:
1. CLEANOUT SHALL BE SAME SIZE AS SANITARY SEWER PIPE
 2. FLOOR DRAIN TO BE INSTALLED WITH 1/2" TRAP PRIMER; SEE PLANS FOR SANITARY SEWER AND VENT CONNECTION SIZES
 3. STAINLESS STEEL BACKSPASH SHALL EXTEND A MINIMUM OF 12" FROM TOP OF SINK
 4. WALL HYDRANT TO BE INSTALLED 3'-0" ABOVE GRADE UNLESS SPECIFIED OTHERWISE ON PLANS
 - 5.
 - 6.

MARK	FIXTURE DESCRIPTION	ACCEPTABLE MANUFACTURERS	TRIM				CONNECTION SIZE				NOTES
			CARRIER	FAUCET	FLUSHVALVE	MISCELLANEOUS ITEMS	CW DIA	HW DIA	VENT DIA	SAN DIA	
CO	SANITARY FLOOR CLEANOUT	ZURN ZN1400; WADE 6000-STD; JAY R SMITH 4031 SERIES; JOSAM 5900; MIFAB C1220									
FD	FLOOR DRAIN WITH 6" SQUARE ADJUSTABLE NICKEL BRONZE STRAINER AND CAST IRON BODY	JAY R SMITH 2005; WADE 1100G; ZURN Z415S; JOSAM 3000-S; MIFAB F1100-S									
FPHB	FREEZE PROOF WALL HYDRANT WITH FLUSH MOUNTED WALL BOX	WOODFORD 865; JAY R SMITH 5512; MIFAB MHY-2S; ZURN Z1300; JOSAM 71000				TO BE SUPPLIED WITH (2) LOOSE TEE KEYS	3/4"				
P-1	FLOOR MOUNTED WHITE VITREOUS WATER CLOSET W/ TOP SPUD AND 1.6 GPF FLUSH VALVE	AMERICAN STANDARD 2234.001; KOHLER K-4350; ZURN Z5655-BWL			SLOAN ROYAL 111; ZURN Z6000AV-WS1; DELANY S402-1.6	SEAT: BENEKE 527 SS; CHURCH 9500 SSCT; AMERICAN STANDARD 5905; 100S; ZURN Z5956SS-EL-ST5; BEMIS 1955SSCT	1"		3"	4"	
P-1A	FLOOR MOUNTED WHITE VITREOUS WATER CLOSET W/ TOP SPUD AND 1.6 GPF FLUSH VALVE; ADA COMPLIANT	AMERICAN STANDARD 3461.160; KOHLER K-4368; ZURN Z5665-BWL			SLOAN ROYAL 111; ZURN Z6000AV-WS1; DELANY S402-1.6	SEAT: BENEKE 527 SS; CHURCH 9500 SSCT; AMERICAN STANDARD 5905; 100S; ZURN Z5956SS-EL-ST5; BEMIS 1955SSCT	1"		3"	4"	
P-2	20" X 18" WALL HUNG WHITE VITREOUS CHINA LAVATORY WITH OVERFLOW AND 4" CENTER FAUCET HOLES	AMERICAN STANDARD 0124.131; KOHLER K-1729; ZURN Z5344	JAY R. SMITH 0700; ZURN Z1231; JOSAM 17100; MIFAB MC-41	AMERICAN STANDARD 7385.003; T&S BRASS B-2711; ZURN Z81000-G; ELKAY LK422L4; DELTA S23LF-HDF	ZURN Z6003AV-WS1; SLOAN ROYAL 186-1.0; DELANY S451-1	1-1/4" CAST BRASS "P" TRAP WITH CLEAN OUT; 3/8" ANGLE STOP SUPPLIES WITH LOOSE KEY STOP; "P" TRAP AND SUPPLIES TO BE PROTECTED WITH TRUEBRO LAV GUARD; GRID STRAINER DRAIN	1/2"	1/2"	2"	2"	
P-3	WALL MOUNTED WHITE VITREOUS CHINA URINAL WITH WASHOUT FLUSH ACTION (1.0 GPF) AND EXTENDED SIDES FOR PRIVACY; 3/4" TOP SPUD	AMERICAN STANDARD 6501.010; KOHLER K-4904-ET; ZURN Z5750; MANSFIELD 410HE	JAY R SMITH 0615; JOSAM 17560-UR; ZURN Z1222; MIFAB MC-32	CHICAGO 2300-8CP; T&S BRASS B-2731; ZURN Z82300-CP6		1-1/2" CAST BRASS "P" TRAP WITH CLEAN OUT; 3/8" ANGLE STOP SUPPLIES WITH LOOSE KEY STOP	1/2"	1/2"	2"	2"	-
P-4	33"x22" SELF RIMMING TOP MOUNT SINGLE BOWL SINK CONSTRUCTE OF 18 GA., TYPE 304 STAINLESS STEEL WITH (3) FAUCET HOLES ON 4" CENTERS	ELKAY DLR312212				1-1/4" CAST BRASS "P" TRAP WITH CLEANOUT; 3/8" ANGLE STOP SUPPLIES WITH LOOSE KEY STOP	1/2"		2"	2"	
P-5	BARRIER FREE ACCESS WALL MOUNTED ADA COMPLIANT DOUBLE STATION WATER COOLER WITH STAINLESS STEEL BUBBLER	ELKAY EZSTLBC; OASIS PF&ACSL; HALSEY TAYLOR HACBF5BL-Q ADA; ACORN A112108S-UBL				STAINLESS STEEL MOP HANGER; STAINLESS STEEL BACKSPASH; 3/6" HOSE WITH WALL HOOK	1/2"	1/2"	2"	3"	
P-6	24"x24"x12" TERRAZZO CORNER MOUNT MOP SINK WITH 6" DROP FRONT AND STAINLESS STEEL CAP	ACORN TNC-24; FIAT T58C-1610; STERN WILLIAMS SBC-1700; FLORESTONE MODEL 96		JUST JVB-1200; SPEAKMAN SC 5812; T&S BRASS B-0665-BSTP; CHICAGO 897-CP			1/2"	1/2"		1 1/4"	
P-7	COMBINATION DRENCH SHOWER AND EYEFACE WASH UNIT, PEDESTAL MOUNTED	GUARDIAN G1950-SSH; BRADLEY S19-310TTT; ACORN S2340				GUARDIAN G3600; BRADLEY S19-2000; ACORN TMV33; LAWLER 911EF THERMOSTATIC MIXING VALVE	1/2"	1/2"			

REV	DESCRIPTION	DATE

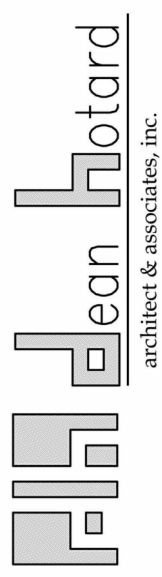
NOT FOR CONSTRUCTION

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These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will promptly administer construction.

P.O. Box 213
Plaquemine, LA
70765

RCB ARCHITECTS, LLC

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architect & associates, llc

COHN ENRICHMENT ADDITION

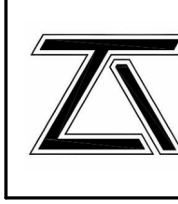
SCHEMATIC DESIGN
805 14TH ST.
PORT ALLEN, LA 70767

PROJECT NO:	64-002-24A
PHASE:	PRICING SET
DATE:	July 9, 2025
PROJECT ARCHITECT:	JL
DRAWN BY:	Author

SHEET NO.

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of _____

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Autodesk Docs/Comm. Elementary Additions 64-002-244/Comm. Enrichment Addition - Structure - 624.rvt 7/9/2025 3:31:00 PM

ABBREVIATIONS			
A.B.	ANCHOR BOLT	LBS	POUNDS
ADD.	ADJACENT	LDG	LANDINGS
ADH.	ADHESIVE	LH	LONG LEG HORIZONTAL
AF	ABOVE FINISH FLOOR	LVH	LONG LEG VERTICAL
ALT.	ALTERNATE	LSH	LONG SIDE HORIZONTAL
ARCH.	ARCHITECT	LSV	LONG SIDE VERTICAL
		LT	LIGHT
		LVL	LEVEL
		LW	LIGHT WEIGHT
B.L.	BRICK LEDGE		
BLDG.	BUILDING		
BM	BEAM	MAT.	MATERIAL
B.O.B.P.	BOTTOM OF BASE PLATE	MAX.	MAXIMUM
B.O.D.	BOTTOM OF DECK	MECH.	MECHANICAL
BOTT.	BOTTOM	MEZZ.	MEZZANINE
BRG	BEARING	MFR	MANUFACTURER
BTWN	BETWEEN	MID.	MIDDLE
		MIN.	MINIMUM
		MISC.	MISCELLANEOUS
CANT.	CANTILEVER	MTL	MATCH LINE
CP	CAST IN-PLACE	MTL	METAL
C.J.	CONSTRUCTION JOINT		
C.L.	CENTERLINE	(N)	NEW
CLF	CLEAR	NIC	NOT IN CONTRACT
CNU	CONCRETE MASONRY UNIT	NO.	NUMBER
C.O.	CUT OFF	N.S.	NEAR SIDE
COL(S)	COLUMN(S)	NSG	NON-SHRINK GROUT
COMP.	COMPOSITE	NTS	NOT TO SCALE
CONC.	CONCRETE	NW	NORMAL WEIGHT
CONNX	CONNECTION		
CONST.	CONSTRUCTION		
CONT.	CONTINUOUS	O.C.	ON CENTER
CONTR.	CONTRACTOR	O.D.	OUTSIDE DIAMETER
CTR	CENTER	O.F.	OUTSIDE FACE
		O.H.	OPPOSITE HAND
		OPNG	OPENING
D.B.	DROPPED BEAM		
D.B.A.	DEFORMED BAR ANCHOR	P.A.F.	POWDER ACTUATED FASTENERS
DBL	DOUBLE	PARA	PARALLEL
DET./DTL	DETAIL	PC	PRECAST
DEMO. OR (D)	DEMOLISH	PCF	POUNDS PER CUBIC FOOT
DIA.	DIAMETER	PMB	PRE-ENGINEERED METAL BUILDING
DIA.	DIAGONAL	PERIM	PERIMETER
DIM.	DIMENSIONAL	PERP.	PERPENDICULAR
DIR.	DIRECTION	PL	PLATE
DISC.	DISCONTINUOUS	PLY	PLYWOOD
DWSG	DRAWINGS	PREFAB	PRE-FABRICATED
DWL(S)	DRAWING(S)	PSF	POUNDS PER SQUARE FOOT
		PSI	POUNDS PER SQUARE INCH
EA	EACH	PT	POST-TENSIONED
E.F.	EACH FACE	PTRN	PENETRATION
E.J.	EXPANSION JOINT		
EL.	ELEVATION	R	REMAINDER OR RADIUS
ELEV.	ELEVATOR	REF.	REFER TO OR REFERENCE
EMBED	EMBEDMENT	REINF.	REINFORCEMENT/REINFORCE
ENGR	ENGINEER	REQD	REQUIRED
EQ.	EQUA	RTU	ROOF TOP UNIT
E.W.	EACH WAY		
EX.	EXIST. OR (E)		
EXP.	EXPANSION	S.A.	STUD ANCHOR
EXT.	EXTERIOR	S.B.	STRAP BEAM
		SCHED.	SCHEDULE
FDN	FOUNDATION	SECT	SECTION
F.F.	FINISH FLOOR	SH	SHEET
F.F.E.	FINISH FLOOR ELEVATION	SHR	SHRINKAGE
FLR	FLOOR	SIM.	SIMILAR
FSTN	FASTEN	S.O.G.	SLAB-ON-GROUND
F.S.	FAIR SIDE	SPA	SPACING
FT	FEET	SPEC.	SPECIFICATION
FTG	FOOTING	SS	STAINLESS STEEL
F.V.	FIELD VERIFY	STD	STANDARD
		STIFF.	STIFFENER
GA.	GAUGE	STL	STEEL
GALV.	GALVANIZE	SW	SHEAR WALL
GEOTECH.	GEOTECHNICAL	SYM.	SYMMETRICAL
GR	GRADE	SYP	SOUTHERN YELLOW PINE
G.T.	GIRDER TRUSS	TAB	TOP AND BOTTOM
HAS	HEADED ANCHOR STUD	TEMP.	TEMPERATURE
HDR	HEADER	TEN.	TENSION
HGL	HIGH	TERM.	TERMINATE
HK	HOOK	THK	THICKNESS
HORIZ.	HORIZONTAL	T.O.	TOP OF
HARD ROCK	HARD ROCK	T.O.C.	TOP OF CONCRETE
HSS	HOLLOW STEEL SECTION	T.O.F.	TOP OF FOOTING
HT	HEIGHT	T.O.P.	TOP OF PIER
		T.O.S.	TOP OF STEEL / TOP OF SLAB
I.D.	INSIDE DIAMETER	TS	TUBE STEEL
I.F.	INSIDE FACE	TYP.	TYPICAL
IN.	INCH	U.N.O.	UNLESS NOTED OTHERWISE
INFO.	INFORMATION		
INT.	INTERIOR	VAR.	VARIES
INTERM.	INTERMEDIATE	VERT.	VERTICAL
JT	JOINT		
JST	JOIST	W	WITH
		WO	WITHOUT
K	KIPS	WP	WORK POINT
K.O.	KNOCK OUT	WT	WEIGHT
		WWF	WELDED WIRE FABRIC

STRUCTURAL DESIGN			
1.	STRUCTURAL DESIGN STANDARDS:		
	2021 INTERNATIONAL BUILDING CODE		
	LOCAL AMENDMENTS TO BUILDING CODE		
	ASCE 7-16		
2.	STRUCTURAL DESIGN LOADS:		
	RISK CATEGORY	II	
	FLOOR LIVE LOAD	100 psf	
	ROOF LIVE LOAD	20 psf	
	SNOW LOAD:		
	GROUND SNOW LOAD	0 psf	
	IMPORTANCE FACTOR, Is	1.0	
	WIND LOAD:		
	SPECIAL WIND, Vult	126 MPH	
	IMPORTANCE FACTOR, Iw	1.0	
	EXPOSURE CATEGORY	C	
	MINWIND LATERAL LOAD	38 psf (ULTIMATE)	
	NET C&C ROOF UPLIFT, EDGE	15 psf (EDGE STRIP "a" = 4.5 ft.)	
	NET C&C ROOF UPLIFT, FIELD	12 psf	
	C&C WALL LOAD, EDGE	24 psf (EDGE STRIP "a" = 4.5 ft.)	
	C&C WALL LOAD, FIELD	22 psf	
	(ALL C&C WIND LOADS SHOWN ARE SERVICE LOADS)		
	SEISMIC LOAD:		
	SITE CLASS	D	
	SEISMIC DESIGN CATEGORY	II	
	IMPORTANCE FACTOR, Is	1.0	
	Ss	0.088	
	Si	0.057	
	Sps	0.094	
	Ss1	0.091	

SYMBOL KEY	
SYMBOL	DESCRIPTION
	GRIDLINE IDENTIFIER
	DETAIL MARKER
	ELEVATION MARKER
	FINISH FLOOR ELEVATION MARKER
	SPOT ELEVATION MARKER
	WORK POINT MARKER
	ELEVATION CHANGE IN SLAB OR DECK
	DECK OR SLAB SPAN DIRECTION
	MASONRY WALL
	WINDOW IN MASONRY WALL
	DOOR IN MASONRY WALL
	STEEL COLUMN
	STEEL BEAM
	STEEL BEAM MOMENT CONNX
	STEEL BEAM SPLICE
	VERTICAL STEEL BRACE - REF. ELEVATION
	FLOOR OR ROOF BEAM
GENERAL NOTES	
1. THE DRAWINGS AND SPECIFICATIONS DO NOT INDICATE THE MEANS AND METHODS OF CONSTRUCTION UNLESS NOTED OTHERWISE. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING ALL MEANS AND METHODS MEET THE REQUIREMENTS OF THE LATEST OSHA REGULATIONS.	
2. ALL DETAILS AND SECTIONS ARE INTENDED TO BE TYPICAL AND SHALL BE CONSTRUED TO APPLY TO ANY SIMILAR SITUATION ELSEWHERE, EXCEPT WHERE A DIFFERENT DETAIL OR SECTION IS SHOWN.	
3. RESPONSES TO QUESTIONS AND RFIs, COMMENTS MADE DURING THE REVIEW OF SUBMITTALS, AND DIRECTIVES PROVIDED IN ANY FORM BY THE ENGINEER TO THE CONTRACTOR DURING THE CONSTRUCTION PROCESS ARE INTENDED TO BE CLARIFICATIONS OF THE CONTRACT DOCUMENTS AND ARE NOT INTENDED TO REPRESENT A CHANGE IN COST OF THE PROJECT TO THE OWNER UNLESS A CHANGE ORDER REQUEST IS PROVIDED WITH DETAILED PRICING INFORMATION TO THE ARCHITECT BEFORE PURCHASING, DETAILING, FABRICATING, OR INSTALLING ANY COMPONENT RELATED TO SUCH CLARIFICATIONS AND CORRECTIONS.	
4. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL EXCAVATION PROCEDURES IF APPLICABLE, INCLUDING LAGGING, SHORING, AND PROTECTION OF ADJACENT PROPERTY, STRUCTURES, STREETS AND UTILITIES IN ACCORDANCE WITH THE LOCAL BUILDING DEPARTMENT.	
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASSEMBLE AND COORDINATE THE REQUIREMENTS OF ALL COMPONENTS OF THE CONTRACT DOCUMENTS AND VERIFY EXISTING CONDITIONS OF THE SITE. REF. ARCHITECTURAL AND ALL OTHER TRADES DOCUMENTS FOR SIZE AND LOCATION OF PIPES, VENTS, CHASES, DUCTS, OPENINGS, DEPRESSIONS, RECESSES, SLOPES, BLOCKOUTS, CURBS, EMBEDMENTS, AND DETAILS NOT SHOWN ON THESE STRUCTURAL DRAWINGS. ALL DIMENSIONS ARE TO BE CHECKED AND VERIFIED WITH THE ARCHITECTURAL DRAWINGS. THE GENERAL CONTRACTOR SHALL REPORT ANY DISCREPANCY BETWEEN THESE DOCUMENTS AND THOSE OF THE ARCHITECT AND ALL PROJECT CONSULTANTS OR ANY ERROR, OMISSION OR DIFFICULTY AFFECTING HIS WORK TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR REVIEW.	
6. THE DESIGN LOADS LISTED IN THE STRUCTURAL DESIGN CRITERIA SHALL NOT BE EXCEEDED DURING CONSTRUCTION. THE GENERAL CONTRACTOR SHALL MAKE ADEQUATE PROVISIONS FOR CONSTRUCTION LOADS, MATERIAL STORAGE, TEMPORARY BRACING, SHORING AND FORMWORK AS REQUIRED TO KEEP ALL ELEMENTS OF THE STRUCTURE PLUMB AND IN TRUE ALIGNMENT DURING ALL PHASES OF CONSTRUCTION. DESIGN OF TEMPORARY BRACING AND SHORING SHOULD BE PROPERLY DESIGNED UNDER THE SUPERVISION OF A LICENSED STRUCTURAL ENGINEER. PERMANENT BRACING MEMBERS SHOWN ON STRUCTURAL DRAWINGS ARE REQUIRED FOR THE COMPLETED STRUCTURE AND MAY NOT BE ADEQUATE DURING CONSTRUCTION.	
7. SPECIAL INSPECTIONS SHALL BE DONE BY A QUALIFIED, INDEPENDENT INSPECTION COMPANY. JOB SITE VISITS BY THE ENGINEER SHOULD BE CONSIDERED A PERIODIC CHECK TO INFORM THE OWNER OF DEFECTS IN THE WORK OF THE CONTRACTOR AND DO NOT CONSTITUTE, OR SUBSTITUTE, INSPECTIONS UNLESS SPECIFICALLY CONTRACTED FOR.	
8. STRUCTURAL MEMBERS AND FOUNDATIONS SUPPORTING MECHANICAL EQUIPMENT HAVE BEEN DESIGNED FOR THE WEIGHT OF THE UNITS SHOWN IN THE STRUCTURAL DRAWINGS. ANY CHANGES IN SIZE, WEIGHT, OR QUANTITY OF UNITS SHALL BE REPORTED TO THE ARCHITECT PRIOR TO FABRICATION OR INSTALLATION OF STRUCTURAL MEMBERS OR RELATED MATERIALS.	
9. NOTICE IN WRITING OF ANY PROPOSED SUBSTITUTIONS OR ANY PROPOSED DEVIATIONS TO THE STRUCTURE AS REQUIRED BY THESE DOCUMENTS SHALL BE SUBMITTED WITH A CURRENT ICC REPORT.	
10. DIMENSIONS SHOWN IN STRUCTURAL PLANS, SECTIONS, AND DETAILS TAKE PRECEDENT OVER SCALE. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT INDICATED IN THE STRUCTURAL DRAWINGS.	
11. THESE PLANS MUST BE SUBMITTED TO THE GEOTECHNICAL ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION.	
12. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL CONTRACT DOCUMENTS AND LATEST ADDENDA TO SUBMIT SUCH DOCUMENTS TO ALL SUBCONTRACTORS AND MATERIAL SUPPLIERS PRIOR TO THE SUBMITTAL OF SHOP DRAWINGS. FABRICATION OF ANY STRUCTURAL MEMBERS, AND ERECTION IN THE FIELD.	
13. THE CONTRACTOR IS RESPONSIBLE FOR ARRANGING PRECONSTRUCTION MEETINGS FOR THE FOUNDATION AND SUPERSTRUCTURE ELEMENTS WITH A MINIMUM OF TWO WEEKS OF NOTICE PRIOR TO START OF THE RELEVANT WORK. ATTENDEES SHALL INCLUDE THE CONTRACTORS, APPROPRIATE SUBCONTRACTORS, FABRICATORS, INSPECTORS, ARCHITECT/ENGINEERS. ON THE MEETING AGENDA SHALL BE REVIEW OF WORK SCOPE, PROJECT SCHEDULE OF THE ELEMENT IN QUESTION, CONTACT INFORMATION OF RESPONSIBLE PARTIES, INSPECTION POINTS, REVIEW OF MATERIALS AND ANY SPECIAL DESIGN ISSUES, CLARIFICATIONS TESTING AND ACCEPTANCE, AND ANY OTHER TOPICS DEEMED APPROPRIATE BY THE CONTRACTOR OR THE ARCHITECT.	
14. THE ROOF STRUCTURE AND ITS SUPPORTING ELEMENTS HAVE BEEN DESIGNED WITH THE ASSUMPTION THAT SUFFICIENT DRAINAGE HAS BEEN PROVIDED TO PREVENT ANY PONDING OF WATER. IT IS THE RESPONSIBILITY OF THE BUILDING OWNER TO MAINTAIN THE ROOF DRAINAGE SYSTEM SUCH THAT IT FUNCTIONS AS INTENDED.	

SUBMITTALS	
1.	SHOP DRAWINGS SHALL BE PREPARED FOR ALL STRUCTURAL COMPONENTS. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO MAKE CERTAIN THAT ALL CONSTRUCTION IS IN FULL AGREEMENT WITH THE LATEST CONSTRUCTION DOCUMENTS.
2.	CONTRACTOR SHALL ALLOW TWO WEEKS FOR THE ENGINEER'S REVIEW OF EACH SUBMITTAL. SUBMITTALS WHICH DO NOT REFLECT THE CONTRACTOR'S APPROVAL, SIGNATURE AND DATE, OR DO NOT APPEAR TO HAVE BEEN REVIEWED BY THE CONTRACTOR WILL BE RETURNED WITHOUT REVIEW. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DELAYS CAUSED BY REJECTION OF INADEQUATE OR INCORRECT SHOP DRAWINGS.
3.	OMISSION FROM THE SHOP DRAWINGS OF ANY REQUIREMENTS AND/OR CORRECTIONS/COMMENTS ON THE SHOP DRAWINGS DURING REVIEW SHALL NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH THE REQUIREMENTS OF THE CONSTRUCTION DOCUMENTS EVEN IF THE SHOP DRAWINGS HAVE BEEN REVIEWED AND RETURNED. APPROVAL IS FOR GENERAL COMPLIANCE WITH THE STRUCTURAL CONTRACT DOCUMENTS ONLY. APPROVAL ASSUMES NO RESPONSIBILITY FOR DIMENSIONS, QUANTITIES AND CONDITIONS THAT PERTAIN TO FABRICATION AND INSTALLATION OR FOR PROCESSES AND TECHNIQUES OF CONSTRUCTION. APPROVAL OF A SPECIFIC ITEM SHALL NOT INCLUDE APPROVAL OF AN ASSEMBLY OF WHICH THE ITEM IS A COMPONENT. CALCULATION REVIEW AND COMMENTS DO NOT INFER A DETAILED CHECK OF THE CALCULATIONS.
4.	ALL ITEMS DEVIATING FROM THE STRUCTURAL DRAWINGS OR FROM PREVIOUSLY SUBMITTED SHOP DRAWINGS SHALL BE CLOUDED.
5.	THE USE OF REPRODUCTIONS OR ELECTRONIC FILES OF THE STRUCTURAL DRAWINGS FOR THE PREPARATION OF SHOP DRAWINGS IS NOT ACCEPTABLE WITHOUT PRIOR WRITTEN AUTHORIZATION OF THE ENGINEER OF RECORD. IF SUCH AUTHORIZATION IS OBTAINED, DO NOT SUBMIT SHOP DRAWINGS WITH THE CONTRACT DOCUMENTS TITLE BLOCK AND/OR THE SEAL OF THE REGISTERED ENGINEER OF RECORD AFFIXED. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION OF THE RESPONSIBLE ENGINEER IS AN OFFENSE OF THE ENGINEERING PRACTICING ACT.
6.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DETAILED DESIGN OF CERTAIN ITEMS, REFERRED TO AS DEFERRED. DOCUMENTS FOR DEFERRED SHOP DRAWINGS, INCLUDING CALCULATIONS, SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW FOR GENERAL CONFORMANCE TO THE CONTRACT DOCUMENTS.
7.	DELEGATED STRUCTURAL DESIGN AND DEFERRED SUBMITTALS INCLUDE: 1. PREFABRICATED STEEL TRUSSES 2. STEEL JOISTS / JOIST GIRDERS 3. METAL CANOPES 4. CURTAIN WALL AND STOREFRONT SYSTEMS
8.	THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE ENGINEER OF RECORD AND THE BUILDING OFFICIAL.

GEOTECHNICAL REPORT	
1.	FOUNDATION DESIGN AND SUBSURFACE INFORMATION IS BASED ON THE RECOMMENDATIONS GIVEN IN THE FOLLOWING GEOTECHNICAL INVESTIGATION REPORT: GEOTECHNICAL CONSULTANT: TERRACON REPORT NUMBER: EH255033 REPORT DATE: APRIL 16, 2025 SYSTEM TYPE: DEEP FOUNDATIONS - DRIVEN TIMBER PILES VOID FORM DEPTH: N/A MOISTURE RETARDER: 15 MIL VAPOR BARRIER UNDER ALL SLABS AND VERTICAL FACES OF GRADE BEAMS A 4" THICK BASE COURSE IS REQUIRED BENEATH ALL SLABS
2.	THE CONTRACTOR MUST READ THE GEOTECHNICAL INVESTIGATION REPORT AND BE THOROUGHLY FAMILIAR WITH SITE AND SUBGRADE INFORMATION GIVEN THEREIN. ALL SUBGRADE PREPARATION AND FOUNDATION CONSTRUCTION SHALL BE PERFORMED IN STRICT COMPLIANCE WITH THE STRUCTURAL DOCUMENTS AND THE GEOTECHNICAL REPORT, AND SHALL BE OBSERVED, TESTED, AND APPROVED BY A QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO PROCEEDING WITH FOUNDATION CONSTRUCTION.

EXISTING CONDITIONS	
1.	THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS AT THE SITE AND REPORT ANY DISCREPANCIES FROM ASSUMED CONDITIONS SHOWN ON THE DRAWINGS TO THE ARCHITECT AND ENGINEER PRIOR TO THE FABRICATION AND ERECTION OF ANY MEMBER. DIFFERENCES SHALL BE CLOUDED IN THE SHOP DRAWINGS.
2.	ANY MODIFICATIONS TO THE CONSTRUCTION DOCUMENTS THAT ARE NECESSARY AS A RESULT OF FIELD VERIFICATIONS PERFORMED BY THE CONTRACTOR SHALL BE IMMEDIATELY SUBMITTED TO THE ENGINEER FOR APPROVAL. UPON APPROVAL, THE CONTRACTOR SHALL INCORPORATE THESE MODIFICATIONS INTO THE SHOP DRAWINGS PRIOR TO SUBMITTING THEM TO THE ENGINEER.
3.	THE CONTRACTOR MUST BUILD APPROPRIATE CONTINGENCIES INTO THE PROJECT'S BUDGET AND SCHEDULE TO ACCOUNT FOR MODIFICATIONS TO STRUCTURAL FRAMING THAT MAY BE NECESSARY TO ACCOMMODATE EXISTING CONDITIONS THAT ARE DISCOVERED TO BE DIFFERENT FROM THOSE SHOWN ON THESE PLANS.

SUBGRADE PREPARATION	
1.	ALL ORGANIC AND DELETERIOUS MATERIAL, AS WELL AS ANY EXISTING PAVING, FOUNDATIONS, OR EXISTING FILL SHALL BE REMOVED FROM THE BUILDING PAD AREA PRIOR TO PLACEMENT OF FILL.
2.	SOIL BELOW THE BUILDING PAD SHALL BE PREPARED AS NOTED IN THE GEOTECHNICAL REPORT.
3.	ALL FILL SHALL BE PLACED IN LOOSE LIFTS AND COMPACTED AT ELEVATED MOISTURE CONTENT AS DETAILED IN THE ABOVE REFERENCED GEOTECHNICAL REPORT. CARE SHALL BE EXERCISED IN PLACEMENT AND COMPACTION OF FILL IN ALL LEAVE-OUTS. VAPOR BARRIER SHALL BE PLACED AND LAPPED PER MANUFACTURER'S RECOMMENDATIONS.
4.	THE FINAL BUILDING PAD SHALL BE APPROVED BY THE OWNERS GEOTECHNICAL REPRESENTATIVE PRIOR TO POURING CONCRETE.

DRIVEN TIMBER PILES	
1.	THE CONTRACTOR SHALL DETERMINE THE EXTENT OF CONSTRUCTION Dewatering REQUIRED FOR THE EXCAVATION. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR REVIEW THE PROPOSED PLAN FOR CONSTRUCTION DWATERING PRIOR TO BEGINNING THE EXCAVATION. PROVIDE ADEQUATE DRAINAGE TO DRAIN SURFACE WATER AWAY FROM THE CONSTRUCTION AREA. MOTORIZED EQUIPMENT SHALL NOT BE ALLOWED ON EXPOSED CLAY SURFACES WHEN WET.
2.	ALL PILE CAPS ARE TO BE CENTERED UNDER BEAMS AND COLUMNS UNLESS OTHERWISE NOTED.
3.	CONDUIT SHALL NOT BE PLACED WITHIN THE FORMED SLABS. CONDUITS AT THE FIRST FLOOR SLAB SHALL BE PLACED BENEATH THE SLAB. LIKEWISE, CONDUITS SHALL NOT BE PLACED IN GRADE BEAMS OR PILE CAPS.
4.	PILING: * JOB PILES SHALL CONSIST OF CLASS B ASTM D65 TREATED TIMBER PILES WITH A PILE CAPACITY IN COMPRESSION OF 15 TONS AND SHALL BE INSTALLED 55' BELOW EXISTING GRADE OR UNTIL REFUSAL. PILE CAPACITY TO BE VERIFIED WITH A STATIC LOAD TEST. REF. TO THE DRIVEN PILE SPECIFICATION

CAST-IN-PLACE CONCRETE	
1.	ALL CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH ACI STANDARD "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" (ACI 318).
2.	MAINTAIN SCHEDULED STRUCTURAL DEPTH OF MEMBERS AS A MINIMUM WHILE FOLLOWING SLOPES AND GRADES SHOWN ON PLANS.
3.	ALL CONCRETE THAT WILL BE COLORED OR STAINED MUST BE WET CURED.
4.	ALL CONSTRUCTION JOINTS IN BEAMS, JOISTS, SLABS, AND WALLS SHALL BE PROVIDED WITH SHEAR KEYS AS SHOWN IN DETAILS. SUBMIT LOCATIONS OF ALL CONSTRUCTION JOINTS TO ENGINEER FOR REVIEW.
5.	HOT WEATHER CONCRETING SHALL CONFORM TO ACI 305 AND COLD WEATHER CONCRETING SHALL CONFORM TO ACI 308.
6.	FOUNDATION WALLS (INCLUDING LOADING DOCKS AND ELEVATOR PITS) SHALL HAVE TEMPORARY BRACING BEFORE BACKFILL IS PLACED AGAINST THEM. TEMPORARY BRACING SHALL NOT BE REMOVED UNTIL WALL IS PERMANENTLY BRACED BY FLOOR DIAPHRAGMS (SLAB-ON-GROUND OR STRUCTURED SLAB) THAT HAVE REACHED AT LEAST 75% OF DESIGN STRENGTH, UNLESS NOTED OTHERWISE.
7.	GRADE BEAM DIMENSIONS AND/OR LOCATIONS MAY NOT BE ALTERED WITHOUT APPROVAL OF THE ENGINEER OF RECORD.
8.	FOUNDATION PENETRATIONS SHALL BE SUBJECT TO APPROVAL BY THE ARCHITECT/ENGINEER.
9.	PROVIDE WATERSTOPS AT ALL BELOW GRADE CONSTRUCTION JOINTS IN CONCRETE ELEMENTS WHERE THERE IS EARTH SUBGRADE AT THE JOINT ON ONE SIDE OF THE CONCRETE MEMBER AND INTERIOR SPACE ON THE OTHER, REGARDLESS OF WHETHER THE WATERSTOP IS SPECIFICALLY INDICATED IN THE DETAIL. PROVIDE WATERSTOPS AT OTHER LOCATIONS INDICATED IN THE DOCUMENTS PRIOR TO CONSTRUCTION.
10.	NO CONDUIT, SLEEVE, OR PIPE IS PERMITTED TO BE EMBEDDED IN THE CONCRETE WITHOUT PRIOR WRITTEN APPROVAL FROM THE ENGINEER OR UNLESS SPECIFICALLY DETAILED OTHERWISE. ALL CONDUITS, PIPES, AND SLEEVES EMBEDDED IN CONCRETE SHALL COMPLY WITH THE SPACING AND SIZE REQUIREMENTS OF ACI 318.
11.	REFER TO THE GEOTECHNICAL REPORT FOR RISK OF GROUNDWATER PRESENCE AND ITS POTENTIAL IMPACT ON NEW CONSTRUCTION. CONTRACTOR MUST CARRY AN APPROPRIATE ALLOWANCE IN THE BIDS FOR THE MEASURES SUCH AS SITE DWATERING AND PIER CASINGS, ETC.

CONCRETE MIX			
1.	ALL CONCRETE SHALL BE LABORATORY DESIGNED AND CONTROLLED AND SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI 318). SAND AND COARSE AGGREGATES SHALL MEET THE REQUIREMENTS OF ASTM C-39 OR C-330. PORTLAND CEMENT SHALL BE TYPE I OR II AND SHALL MEET THE REQUIREMENTS OF ASTM C-150. IN ADDITION, CONCRETE SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:		
	USAGE	28-DAY STRENGTH (PSI)	SLUMP (IN.)
	FOOTINGS	4,000	4-6
	GRADE BEAMS	4,000	3-5
	SLAB-ON-GROUND	3,000	3-5
			MAX. AGG. SIZE (IN.)
			1 1/2"
			1"
			3/4"
2.	CONCRETE PROPORTIONS SHALL BE ESTABLISHED FROM CONCRETE COMPRESSIVE STRENGTH TEST RECORDS FROM THE FACILITY THAT WILL SUPPLY CONCRETE FOR THIS PROJECT. TEST RECORDS SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF ACI 318 AND THE SPECIFICATIONS AND SHALL BE REFLECTIVE OF THE PERIOD OF THE YEAR DURING WHICH THE CONCRETE IS TO BE PLACED. CHANGING MATERIAL PROPORTION, PROPERTIES, SOURCES, COMBINATIONS, ADDITIONS OR ANYTHING WHICH IS A CHANGE IN THE APPROVED MIX DESIGN REQUIRES A NEW MIX DESIGN SUBMITTAL.		
3.	SLUMP AT THE POINT OF PLACEMENT SHALL NOT EXCEED AMOUNT SPECIFIED. DO NOT PLACE CONCRETE WITH SLUMP AND TEMPERATURE OUTSIDE THE LIMITS PROVIDED ON THE APPROVED MIX DESIGNS. USE OF CHLORIDES IN ANY ADMIXTURE IS NOT PERMITTED. SLUMP RANGE DOES NOT APPLY TO SUPERPLASTICIZED CONCRETE.		
4.	FLY ASH SHALL NOT BE USED AS A CONSTITUENT IN ARCHITECTUREALLY EXPOSED CONCRETE. FLY ASH IS ALLOWED IN ALL OTHER NON-ARCHITECTUREALLY EXPOSED CONCRETE. FLY ASH SHALL MEET ASTM C618 CLASS C OR F REQUIREMENTS. THE WEIGHT OF THE FLY ASH SHALL BE ADDED TO THE WEIGHT OF THE CEMENT IN THE CALCULATION OF WATER/CEMENT RATIO. THE CONTRACTOR SHALL CONFIRM IN THE MIX DESIGN SUBMITTAL THAT THE USE OF FLY ASH WILL NOT INTERFERE WITH THE PERFORMANCE OF OTHER PRODUCTS AND MATERIALS THAT WILL BE IN CONTACT WITH THE CONCRETE.		
5.	AIR ENTRAINMENT IN NORMAL WEIGHT CONCRETE IS REQUIRED ONLY IN CONCRETE PERMANENTLY EXPOSED TO WEATHER CONDITIONS. AIR ENTRAINMENT IS REQUIRED FOR ALL EXPOSURE CONDITIONS FOR LIGHTWEIGHT CONCRETE. PERCENT AIR ENTRAINMENT SHALL BE 8% PLUS/MINUS 1.5%. DO NOT AIR-ENTRAIN INTERIOR FLOOR SLABS THAT RECEIVE HAND TROWEL FINISH OR POLISHED CONCRETE.		
6.	NON CHLORIDE ACCELERATING ADMIXTURE MAY BE USED IN CONCRETE SLABS PLACED AT AMBIENT TEMPERATURES BELOW 50 DEGREES FAHRENHEIT AT CONTRACTOR'S OPTION.		
7.	THE COMPRESSIVE STRENGTH OF GROUT BELOW BASE PLATES SHALL BE AT LEAST 7500 PSI.		
8.	CONTRACTOR MUST SUBMIT THE MIX DESIGN SUBMITTALS TO THE PROJECTS TESTING LABORATORY PRIOR TO SUBMITTING TO THE ARCHITECT AND/OR STRUCTURAL ENGINEER.		

REINFORCING STEEL	
1.	ALL CONCRETE REINFORCEMENT SHALL BE NEW BILLET STEEL CONFORMING TO ASTM A615, GRADE 60.
2.	REINFORCING STEEL THAT REQUIRES WELDING SHALL CONFORM TO ASTM A706, WITH GRADES AS SHOWN ABOVE.
3.	ALL REINFORCING BARS SHALL BE LAPPED 40 BAR DIAMETERS (2" MINIMUM) AT SPLICES UNLESS NOTED OTHERWISE ON PLANS OR DETAILS. DEVIATIONS IN SPACE LOCATIONS AND LENGTHS ARE NOT ALLOWED UNLESS APPROVED BY THE STRUCTURAL ENGINEER OF RECORD.
4.	WELDED WIRE FABRIC SHALL CONFORM TO ASTM A186. ALL LAPS IN WELDED WIRE FABRIC SHALL BE ONE MESH PLUS TWO INCHES.
5.	CONCRETE REINFORCEMENT AND ACCESSORIES SHALL BE DETAILED AND FABRICATED IN ACCORDANCE WITH ACI 315 AND ACI 318.
6.	LAP SPLICES OF CONTINUOUS BEAM REINFORCEMENT SHALL BE MADE AT MIDSPAN FOR TOP BARS AND AT SUPPORTS FOR BOTTOM BARS.
7.	PROVIDE CORNER BARS AT INTERSECTIONS OF WALLS, GRADE BEAMS AND STRIP FOOTINGS IN ACCORDANCE WITH THE TYPICAL DETAILS. BARS THAT HOOK AT DISCONTINUOUS ENDS SHALL HAVE THE HOOK PLACED HORIZONTALLY AT EXTERIOR CORNERS IN LIEU OF CORNER BARS.
8.	MINIMUM CONCRETE PROTECTION FOR REINFORCEMENT SHALL BE AS NOTED BELOW. REFER TO ACI 318 SECTION 20.6 FOR CONDITIONS NOT NOTED.

REINFORCING STEEL	
CONDITION	PROTECTION
SLAB-ON-GROUND	MID-SLAB
SLAB OVER VOID	3/4 IN. TOP 1 1/2 IN. BOTTOM
GRADE BEAMS & WALLS	2 IN. FORMED SIDES 3 IN. BACKFILLED SIDES

STRUCTURAL STEEL													
1.	STRUCTURAL STEEL SHAPES AND PLATES SHALL CONFORM TO THE FOLLOWING:												
	<table><tr><th>ITEM</th><th>ASTM SPECIFICATION</th></tr><tr><td>WIDE FLANGE</td><td>A992, GRADE 50</td></tr><tr><td>TUBE STEEL (HSS)</td><td>A500, GRADE C</td></tr><tr><td>STEEL PIPE</td><td>A53, GRADE B</td></tr><tr><td>CHANNEL</td><td>A36</td></tr><tr><td>ANGLES, PLATES, MISC. STL.</td><td>A36</td></tr></table>	ITEM	ASTM SPECIFICATION	WIDE FLANGE	A992, GRADE 50	TUBE STEEL (HSS)	A500, GRADE C	STEEL PIPE	A53, GRADE B	CHANNEL	A36	ANGLES, PLATES, MISC. STL.	A36
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TUBE STEEL (HSS)	A500, GRADE C												
STEEL PIPE	A53, GRADE B												
CHANNEL	A36												
ANGLES, PLATES, MISC. STL.	A36												
2.	ALL BOLTS FOR STRUCTURAL STEEL MEMBERS SHALL CONFORM TO THE FOLLOWING:												
	<table><tr><th>ITEM</th><th>ASTM SPECIFICATION</th></tr><tr><td>ANCHOR BOLTS</td><td>F1554, GRADE 55</td></tr><tr><td>CONNECTION BOLTS</td><td>ASTM F3125, GRADE A325</td></tr><tr><td>EXPANSION ANCHORS</td><td>ESR-1917 & ESR-3785 (HILTI KB-TZ) ESR-3037 & ER-240 (SIMPSON STRONG-BOLT 2)</td></tr><tr><td>ADHESIVE ANCHORS</td><td>ASTM F1554, GRADE 55</td></tr></table>	ITEM	ASTM SPECIFICATION	ANCHOR BOLTS	F1554, GRADE 55	CONNECTION BOLTS	ASTM F3125, GRADE A325	EXPANSION ANCHORS	ESR-1917 & ESR-3785 (HILTI KB-TZ) ESR-3037 & ER-240 (SIMPSON STRONG-BOLT 2)	ADHESIVE ANCHORS	ASTM F1554, GRADE 55		
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ADHESIVE ANCHORS	ASTM F1554, GRADE 55												
4.	STEEL BEAMS SHALL BE ERECTED WITH NATURAL CAMBER UP.												
5.	WHERE CAMBER OF STEEL BEAMS IS SPECIFIED ON THE PLANS, CAMBER OF STEEL BEAMS MUST COMPLY WITHIN LIMITS SET BY AISC. SUPPORT CAMBERED STEEL MEMBERS IN A MANNER THAT WILL NOT RESULT IN ANY LOSS OF CAMBER DURING SHIPPING AND HANDLING. THE TESTING LAB SHALL VERIFY THE SPECIFIED BEAM CAMBERS AT THE JOBSITE WITH THE BEAMS LYING FLAT ON THE GROUND (WEBS PARALLEL TO THE GROUND). BEAMS WHOSE CAMBER FALLS OUTSIDE THE TOLERANCE SHALL BE RETURNED TO THE SHOP FOR CORRECTION.												
6.	STEEL MEMBERS SHALL NOT BE SPICED EXCEPT WHERE INDICATED ON THE DRAWINGS UNLESS APPROVED IN WRITING BY THE STRUCTURAL ENGINEER.												
7.	BOLTS FOR STEEL BEAM AND COLUMN CONNECTIONS SHALL BE 1/2" DIAMETER ASTM F 3125, GRADE A325-N HIGH-STRENGTH WITH HARDENED WASHERS, UNLESS NOTED OTHERWISE. ALL BOLTED CONNECTIONS ARE BEARING TYPE. ALL BOLTS SHALL BE TIGHTENED SNUG TIGHT, UNLESS NOTED OTHERWISE.												
8.	THE DESIGN OF THE STRUCTURAL STEEL CONNECTIONS, WHICH ARE NOT FULLY DETAILED IN THESE DRAWINGS, IS THE RESPONSIBILITY OF THE CONTRACTOR AND THE STEEL FABRICATOR. THE DESIGN OF THE CONNECTION												

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COMPONENTS AND CLADDING DESIGN PRESSURE (PSF)

ZONE/EWA (FT²)	ZONE 1 (ROOF FIELD)		ZONE 2 (ROOF EDGE)		ZONE 2 (ROOF EDGE)		ZONE 3 (ROOF CORNER)		ZONE 3 (ROOF CORNER)		ZONE 4 (WALL field)		ZONE 5 (WALL EDGE)	
≤ 10	16	-38	16	-43	16	-52	16	-58	16	-82	32	-34	32	-42
20	16	-38	16	-43	16	-51	16	-53	16	-73	30	-33	30	-39
50	16	-38	16	-41	16	-50	16	-46	16	-61	28	-31	28	-36
100	16	-38	16	-40	16	-49	16	-40	16	-52	27	-30	27	-33
200	16	-38	16	-40	16	-49	16	-40	16	-52	26	-28	26	-30
≥500	16	-38	16	-40	16	-49	16	-40	16	-52	24	-26	24	-26

NOTES

1. EWA IS EFFECTIVE WIND AREA OF A STRUCTURAL COMPONENT.

2. FOR ZONE DEFINITION, REF. ASCE7-19 FIGURES 30.3-1 AND 30.3-5A.

3. PLUS AND MINUS SIGNS SIGNIFY PRESSURES ACTING TOWARD ANY AWAY FROM THE SURFACE, RESPECTIVELY.

4. REFER TO ARCHITECTURAL DOCUMENTS FOR FACTORY MANUAL RATED SYSTEM REQUIREMENTS.

5. WIND PRESSURE ARE ULTIMATE STRENGTH LEVEL. ZONE WIDTH "ap IS 3'-0".

6. ZONE WITH, "a" = 4' -4"

CONCRETE MASONRY UNITS

1. THE MASONRY DESIGN HAS BEEN BASED ON A PRISM STRENGTH, fm = 2,000 psi (TYP, U.N.O.) AND fm = 1,750 psi (TYP AT INTERIOR PARTITIONS).

2. HOLLOW CONCRETE MASONRY UNITS SHALL MEET ASTM C90, NORMAL WEIGHT, MINIMUM COMPRESSIVE STRENGTH OF 2,000 psi ON THE NET AREA OF THE BLOCK.

3. CMU MORTAR SHALL MEET ASTM C270. PROVIDE TYPE N MORTAR FOR INTERIOR PARTITIONS ONLY, TYPE S FOR ABOVE-GRADE EXTERIOR WALLS AND TYPE M FOR BELOW GRADE WALLS.

4. CMU GROUT SHALL MEET ASTM C476 AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH THAT MEETS OR EXCEEDS fm AT 28 DAYS (2,000 psi MINIMUM). AGGREGATE SIZE SHALL NOT EXCEED 1/2 INCH.

5. HORIZONTAL JOINT REINFORCEMENT SHALL CONFORM TO ASTM A951.

6. REINFORCE CMU WALLS AND PROVIDE FOUNDATION DOWELS PER DETAILS. LAP VERTICAL BARS PER MASONRY LAP SCHEDULE UNLESS NOTED OTHERWISE. LAP HORIZONTAL JOINT REINFORCEMENT MIN. 12 INCHES AND PROVIDE CORNER AND TEE PIECES.

7. PLACE REINFORCEMENT PRIOR TO GROUTING, AND SECURE VERTICAL REINFORCEMENT WITH POSITIONERS.

8. GROUT VERTICAL CELLS, BOND BEAMS AND LINTELS AS DETAILED.

9. LOCATE VERTICAL CONTROL JOINTS IN CMU WALLS AT MAX. 20 ft. ON CENTER (COORDINATE WITH THE ARCHITECTURAL DRAWINGS FOR LOCATIONS). DISCONTINUE HORIZONTAL JOINT REINFORCEMENT AND BOND BEAM REINFORCEMENT AT CONTROL JOINTS. DO NOT DISCONTINUE LINTEL REINFORCING.

LIGHT GAUGE STEEL FRAMING

1. LIGHT GAUGE METAL STUDS AND TRACKS SHALL BE FORMED FROM STRUCTURAL STEEL MEETING THE REQUIREMENTS OF ASTM A1003, GRADE 53, WITH G-60 ZINC COATING PER ASTM A924 AND SHALL BE MANUFACTURED IN ACCORDANCE WITH ASTM C955.

2. PROVIDE MANUFACTURERS STANDARD VERTICAL DEFLECTION CLIPS AT NON-LOAD-BEARING WALLS, CAPABLE OF ISOLATING THE WALL FRAMING FROM A MAX. 1 INCH VERTICAL UPWARD OR DOWNWARD MOVEMENT OF THE PRIMARY STRUCTURE.

3. REFER TO ARCHITECTURAL DRAWINGS FOR WALL FRAMING DEPTHS. LIGHT GAUGE WALL FRAMING SHALL MEET THE PERFORMANCE REQUIREMENTS BELOW:

CONDITION	WIND LOAD	DEFLECTION LIMIT
EXTERIOR NON-LOAD-BEARING	PER ASCE 7-16	SPAN/600
INTERIOR NON-LOAD-BEARING	5 PSF	SPAN/240

4. LIGHT GAUGE SUPPLIER SHALL SUBMIT FOR APPROVAL SHOP DRAWINGS INDICATING THE LOCATIONS OF STUDS, TRACKS, BRIDGING, DIAGONAL BRACING, STRAPPING, CLIPS, CLOSURES AND CONNECTORS. SHOP DRAWINGS SHALL INCLUDE CALCULATIONS INDICATING CONFORMANCE TO ALL REQUIREMENTS OF THE BUILDING CODE AND THE ARCHITECTURAL AND STRUCTURAL DRAWINGS, AND SHALL INCLUDE THE SEAL AND SIGNATURE OF A REGISTERED ENGINEER IN THE STATE IN WHICH THE PROJECT IS LOCATED.

5. THE FOLLOWING MINIMUM EXTERIOR STUD GAUGES AND SPACINGS SHALL BE PROVIDED UNLESS THE LIGHT-GAUGE SUPPLIERS ENGINEERED SUBMITTAL INCLUDED CALCULATIONS INDICATING THAT OTHER GAUGES AND SPACINGS MEET THE PERFORMANCE REQUIREMENTS NOTED ABOVE:

STUDS WITHIN 12 FT OF BUILDING CORNERS:

600S162-54 @ 12" O.C.

ALL OTHER EXTERIOR STUDS:

600S162-54 @ 18" O.C.

Salas O'Brien

salasobrien.com
New Orleans
1001 Poydras Street, 20th
New Orleans, LA 70139
Registration:
F-4111

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DESCRIPTION

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NOT FOR CONSTRUCTION

THIS DRAWING IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW. IT IS NOT TO BE USED FOR REGULATORY APPROVAL PERMIT OR CONSTRUCTION.

BRADLEY CARVILLE
LOUISIANA P.E. #0038323
DATE: JULY 9, 2025

P.O. Box 213
Plaquemine, LA 70765

BCB ARCHITECTS, LLC
P&H Jean Notard
architect & associates, llc

COHN ENRICHMENT ADDITION

PERMIT DRAWINGS
805 14TH ST.
PORT ALLEN, LA 70767

PROJECT NO: 64-002-24A
PHASE: PERMIT DRAWINGS
DATE: JULY 9, 2025
PROJECT ENGINEER: BC
DRAWN BY: YD
SHEET NO.
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1.

THE MASONRY DESIGN HAS BEEN BASED ON A PRISM STRENGTH, f_m = 2,000 psi (TYP, U.N.O.) AND f_m = 1,750 psi (TYP AT INTERIOR PARTITIONS).

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HOLLOW CONCRETE MASONRY UNITS SHALL MEET ASTM C90, NORMAL WEIGHT, MINIMUM COMPRESSIVE STRENGTH OF 2,000 psi ON THE NET AREA OF THE BLOCK.

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9.

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1.

LIGHT GAUGE METAL STUDS AND TRACKS SHALL BE FORMED FROM STRUCTURAL STEEL MEETING THE REQUIREMENTS OF ASTM A1933, GRADE 33, WITH G-60 ZINC COATING PER ASTM A924 AND SHALL BE MANUFACTURED IN ACCORDANCE WITH ASTM C955.

2.

PROVIDE MANUFACTURERS STANDARD VERTICAL DEFLECTION CLIPS AT NON-LOAD-BEARING WALLS, CAPABLE OF ISOLATING THE WALL FRAMING FROM A MAX. 1 INCH VERTICAL UPWARD OR DOWNWARD MOVEMENT OF THE PRIMARY STRUCTURE.

3.

REFER TO ARCHITECTURAL DRAWINGS FOR WALL FRAMING DEPTHS. LIGHT GAUGE WALL FRAMING SHALL MEET THE PERFORMANCE REQUIREMENTS BELOW:

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ALL OTHER EXTERIOR STUDS:

600S162-54 @ 18" O.C.

Salas O'Brien

salasobrien.com

New Orleans
1001 Poydras Street, 20th
New Orleans, LA 70139

Registration:
F-4111

Project No:

REV

DESCRIPTION

DATE

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BRADLEY CARVILLE
LOUISIANA P.E. #00388323
DATE: JULY 09, 2025

P.O. Box 213
Plaquemine, LA 70765

BOCB ARCHITECTS, LLC

BOCB

ARCHITECTS, LLC

BOCB

ARCHITECTS, LLC

COHN MIDDLE SCHOOL ADDITION

SCHEMATIC DESIGN

805 14TH ST.

PORT ALLEN, LA 70767

PROJECT NO: 64-002-24A

PHASE: PERMIT DRAWINGS

DATE: JULY 09, 2025

PROJECT ENGINEER: BC

DRAWN BY: YD

SHEET NO.

S1.11

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Autodesk Docs/Conn. Elementary Additions_64-002-244/Conn. Enrichment Addition - Structure - 624.rvt 7/9/2025 3:31:01 PM

Q	NOTES: 1. Special Inspections as listed below shall be performed in accordance with Chapter 17 of the 2021 International Building Code (IBC) by a Special Inspector hired by the Owner. The Special Inspector shall be an Approved Agency according to the City's building official, with experienced personnel educated in conducting, supervising and evaluating to perform the Special Inspections required. The Contractor shall coordinate with and notify the Special Inspector of all tests. The Special Inspector shall be responsible to verify that the items detailed in the Construction Documents were built accordingly to the Documents and shall prepare, sign, and furnish inspection reports to the building official and the Architect for all time spent at the site. The Inspector shall bring discrepancies to the immediate attention of the General Contractor for correction. If the discrepancies are not corrected, the discrepancies shall be brought to the attention of the building official and to the Architect prior to the completion of that phase of the work. Refer to the construction documents for additional inspection requirements. These Special Inspections are in addition to inspections by the building official. 2. Where structural, load-bearing or lateral load-resisting members or assemblies are shop fabricated, the special inspections shall be performed during fabrication except where the fabricator has been approved to perform work without special inspections in accordance with IBC Chapter 17. 3. C indicates continuous inspection and P indicates periodic inspection.					VERIFICATION AND INSPECTION FOR WELDING OF STRUCTURAL STEEL (AISC 360-16 Table N5.4.1-3; IBC Section 1705.2)					VERIFICATION AND INSPECTION TASKS FOR WELDING OF STRUCTURAL STEEL WITHIN THE SEISMIC FORCE RESISTING SYSTEM (AISC 341-16 Table J6.1-3; IBC Section 1705.12.1)					VERIFICATION AND INSPECTION OF LEVEL 1 MASONRY CONSTRUCTION (TMS 602-16 Table 3 and Table 4)					VERIFICATION AND INSPECTION OF LEVEL 3 MASONRY CONSTRUCTION (TMS 602-16 Table 3 and Table 4)					S a l a s O' B r i e n s a l a s o' b r i e n c o m N e w O r l e a n s 2 0 0 9 N e w O r l e a n s L A 7 0 7 6 7 R e g i s t e r e d : F - 4 4 1 1 P r o j e c t N o. F - 4 4 1 1
	Check if required	Inspection Task	C	P	Standard	Notes/Comments	Check if required	Inspection Task	C	P	Standard	Notes/Comments	Check if required	Verification Task	C	P	Standard	Notes/Comments	Check if required	Verification Task	C	P	Standard	Notes/Comments		
		Inspection tasks prior to welding:						Visual inspection tasks prior to welding:						Inspection tasks prior to construction:						Inspection tasks prior to construction:						
	X	a. Welder qualification records and continuity records	X	--			X	a. Material identification (Type/Grade)	--	X			X	a. Verification of compliance of submittals	X	--	Art. 1.5		X	a. Verification of compliance of submittals	X	--	TMS 602, Art. 1.5			
	X	b. Welding procedure specifications (WPSs) available	X	--			X	b. Welder identification system	--	X			X	b. Verification of f_u and f_w , except where specifically exempted by the code	X	--			X	b. Verification of f_u and f_w , except where specifically exempted by the code	X	--	TMS 602, Art. 1.4B			
	X	c. Manufacturer certifications for welding consumables available	X	--			X	c. Fit-up of Groove Welds (including joint geometry) • Joint preparations • Dimensions (alignment, root opening, root face, bevel) • Cleanliness (condition of steel surfaces) • Tacking (tack weld quality and location) • Backing type and fit (if applicable)	--	X			X	c. Verification of proportions of materials as delivered to the project site for premixed or preblended mortar, prestressing grout, and grout other than self-consolidating grout	X	--			X	c. Verification of proportions of materials as delivered to the project site for premixed or preblended mortar, prestressing grout, and grout other than self-consolidating grout	X	--	TMS 602, Art. 1.5 & 1.6.3			
	X	d. Material identification (type/grade)	--	X			X	d. Configuration and finish of access holes	--	X			X	d. Verification of Slump Flow and Visual Stability Index (VS) when self-consolidating grout is delivered to the project site	X	--	TMS 602, Art. 1.5 & 1.6.3		X	d. Verification of f_u and f_w for every 5,000 sq. ft. (465 sq. m)	X	--	TMS 602, Art. 1.4B			
	X	e. Welder identification system ^(h)	--	X			X	e. Fit-up of Fillet Welds • Dimensions (alignment, gaps at root) • Cleanliness (condition of steel surfaces) • Tacking (tack weld quality and location)	--	X			X	e. Properties of thin-bed mortar for AAC masonry	X ^(e)	X ^(e)			X	e. Properties of thin-bed mortar for AAC masonry	X	--	TMS 602, Art. 2.1C.1			
	X	f. Fit-up of groove welds (including joint geometry) • Joint preparations • Dimensions (alignment, root opening, root face, bevel) • Cleanliness (condition of steel surfaces) • Tacking (tack weld quality and location)	--	X			X	f. WPS followed • Settings on weld equipment • Travel speed • Selected welding materials • Shielding gas type/flow rate • Preheat applied • Interpass temperature maintained (min./max.) • Proper position (F, V, H, OH)	--	X			X	f. Sample panel construction	--	X	TMS 602, Art. 1.6D		X	f. Sample panel construction	X	--	TMS 602, Art. 1.6D			
	X	g. Fit-up of CJP groove welds of HSS T-, Y- and K-joints without backing (including joint geometry) • Joint preparations • Dimensions (alignment, root opening, root face, bevel) • Cleanliness (condition of steel surfaces) • Tacking (tack weld quality and location)	X	--			X	h. Configuration and finish of access holes.	--	X			X	g. Placement and installation of steel headed stud anchors	X	--			X	g. Placement of masonry units and mortar joint construction	--	X	TMS 602, Art. 1.5			
P	VERIFICATION AND INSPECTION OF SOILS (IBC TABLE 1705.6)					VERIFICATION AND INSPECTION OF DRIVEN DEEP FOUNDATION ELEMENTS (IBC TABLE 1705.7)					VERIFICATION AND INSPECTION OF CAST-IN-PLACE DEEP FOUNDATION ELEMENTS (IBC TABLE 1705.8)					VERIFICATION AND INSPECTION OF HELICAL PILE FOUNDATIONS (IBC SECTION 1705.9)					VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION (IBC TABLE 1705.3)					
	Check if required	Inspection Task	C	P	Standard	Notes/Comments	Check if required	Inspection Task	C	P	Standard	Notes/Comments	Check if required	Inspection Task	C	P	Standard	Notes/Comments	Check if required	Inspection Task	C	P	Standard	Notes/Comments		
	X	Verify materials below shallow foundation are adequate to achieve the design bearing capacity.	--	X			X	a. Check welding equipment.	--	X			X	a. Welds cleaned	--	X			X	a. Proper fasteners selected for the joint detail	--	X				
	X	Verify excavations are extended to proper depth and have reached proper material.	--	X			X	Inspection tasks during welding:					X	b. Size, length and location of welds	X	--			X	b. Proper bolting procedure selected for joint detail	--	X				
	X	Perform classification and testing of compacted fill materials.	--	X			X	a. Control and handling of welding consumables • Packaging • Exposure control	--	X			X	c. Welds meet visual acceptance criteria • Crack prohibition • Weld/base-metal fusion • Crater cross section • Weld profiles • Weld size • Undercut • Porosity	X	--			X	c. Connecting elements, including the laying surface condition and hole preparation, if specified, meet applicable requirements	--	X				
	X	Verify use of proper materials, densities and lift thicknesses during placement and compaction of compacted fill.	X	--			X	b. No welding over cracked tack welds	--	X			X	d. Environmental conditions • Wind speed within limits • Precipitation and temperature	--	X			X	d. Document acceptance or rejection of welded joint or member	X	--				
	X	Prior to placement of compacted fill, observe sub-grade and verify that site has been prepared properly.	--	X			X	c. Environmental conditions • Wind speed within limits • Precipitation and temperature	--	X			X	e. WPS followed • Settings on weld equipment • Travel speed • Selected welding materials • Shielding gas type/flow rate • Preheat applied • Interpass temperature maintained (min./max.) • Proper position (F, V, H, OH)	--	X			X	e. Pre-installation verification testing by installation personnel observed and documented for fastener assemblies and methods used	--	X				
N	VERIFICATION AND INSPECTION OF CAST-IN-PLACE DEEP FOUNDATION ELEMENTS (IBC TABLE 1705.8)					VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION (IBC TABLE 1705.3)					VERIFICATION AND INSPECTION FOR BOLTING OF STRUCTURAL STEEL (AISC 360-16 Table N5.6.1-3; IBC Section 1705.2)					VERIFICATION AND INSPECTION TASKS FOR OTHER STRUCTURAL STEEL WITHIN THE SEISMIC FORCE RESISTING SYSTEM (AISC 341-16 Table J8.1; IBC Section 1705.12.1)					VERIFICATION AND INSPECTION OF OPEN-WEB STEEL JOISTS AND JOIST GIRDERS (IBC Section 1705.2.3)					
	Check if required	Inspection Task	C	P	Standard	Notes/Comments	Check if required	Inspection Task	C	P	Standard	Notes/Comments	Check if required	Inspection Task	C	P	Standard	Notes/Comments	Check if required	Inspection Task	C	P	Standard	Notes/Comments		
	X	Inspect drilling operations and maintain complete and accurate records for each element.	X	--			X	a. Reinforcing bar welding:					X	a. Contour and finish	X	--			X	a. End connections - welded or bolted	--	X	SJI specification listed in Section 2207.1			
	X	Inspect drilling operations and maintain complete and accurate records for each element.	X	--			X	b. Inspect single-pass fillet welds, maximum 5/16"; and	--	X			X	b. Dimensional tolerance	X	--			X	b. Bridging - horizontal or diagonal	--	X				
	X	Inspect drilling operations and maintain complete and accurate records for each element.	X	--			X	c. Inspect all other welds	X	--			X	c. Protected zone - no holes and unapproved attachments made by fabricator or erector, as applicable	X	--			X	Standard bridging	--	X	SJI specification listed in Section 2207.1			
	X	Inspect drilling operations and maintain complete and accurate records for each element.	X	--			X	d. Inspect anchors cast in concrete	--	X	ACI 318: 17.8.2		X	d. Document acceptance or rejection of bolted connections	X	--			X	Bridging that differs from the SJI specifications listed in CBC section 2207.1	--	X				
	X	Inspect drilling operations and maintain complete and accurate records for each element.	X	--			X	e. Inspect anchors post-installed in hardened concrete members:					X	e. Fasteners marked in accordance with ASTM requirements	--	X										
	X	Inspect drilling operations and maintain complete and accurate records for each element.	X	--			X	f. Inspect anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads	X	--	ACI 318: 17.8.2.4		X	f. Pre-installation verification testing by installation personnel observed and documented for fastener assemblies and methods used	--	X										
	X	Inspect drilling operations and maintain complete and accurate records for each element.	X	--			X	g. Mechanical anchors and adhesive anchors not defined in section a.	--	X	ACI 318: 17.8.2		X	g. Proper storage provided for bolts, nuts, washers and other fastener components	--	X										
	X	Inspect drilling operations and maintain complete and accurate records for each element.	X	--			X	h. Adhesive anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads	X	--	ACI 318: 17.8.2.4		X	h. Inspection tasks during bolting:												
M	VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION (IBC TABLE 1705.3)					VERIFICATION AND INSPECTION FOR BOLTING OF STRUCTURAL STEEL (AISC 360-16 Table N5.6.1-3; IBC Section 1705.2)					VERIFICATION AND INSPECTION TASKS FOR OTHER STRUCTURAL STEEL WITHIN THE SEISMIC FORCE RESISTING SYSTEM (AISC 341-16 Table J8.1; IBC Section 1705.12.1)					VERIFICATION AND INSPECTION OF OPEN-WEB STEEL JOISTS AND JOIST GIRDERS (IBC Section 1705.2.3)										
	Check if required	Inspection Task	C	P	Standard	Notes/Comments	Check if required	Inspection Task	C	P	Standard	Notes/Comments	Check if required	Inspection Task	C	P	Standard	Notes/Comments	Check if required	Inspection Task	C	P	Standard	Notes/Comments		
	X	Inspect reinforcement, including prestressing tendons, and verify placement.	--	X	ACI 318: Ch. 20, 25.2, 25.3, 26.6, 1-26.6.3, IBC Section 1908.4		X	a. Reinforcing bar welding:					X	a. Contour and finish	X	--			X	a. End connections - welded or bolted	--	X	SJI specification listed in Section 2207.1			
		Reinforcing bar welding:					X	b. Inspect single-pass fillet welds, maximum 5/16"; and	--	X	AWS D1.4; ACI 318:26.6.4		X	b. Dimensional tolerance	X	--			X	b. Bridging - horizontal or diagonal	--	X				
	X	a. Verify weldability of reinforcing bars other than ASTM A706	--	X			X	c. Inspect all other welds	X	--			X	c. Protected zone - no holes and unapproved attachments made by fabricator or erector, as applicable	X	--			X	Standard bridging	--	X	SJI specification listed in Section 2207.1			
	X	b. Inspect single-pass fillet welds, maximum 5/16"; and	--	X	ACI 318:26.6.4		X	d. Inspect anchors cast in concrete	--	X	ACI 318: 17.8.2		X	d. Document acceptance or rejection of bolted connections	X	--			X	Bridging that differs from the SJI specifications listed in CBC section 2207.1	--	X				
	X	c. Inspect all other welds	X	--			X	e. Inspect anchors post-installed in hardened concrete members:					X	e. Fasteners marked in accordance with ASTM requirements	--	X										
	X	Inspect anchors cast in concrete	--	X	ACI 318: 17.8.2		X	f. Inspect anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads	X	--	ACI 318: 17.8.2.4		X	f. Pre-installation verification testing by installation personnel observed and documented for fastener assemblies and methods used	--	X										
	X	Inspection of anchors post-installed in hardened concrete members:					X	g. Mechanical anchors and adhesive anchors not defined in section a.	--	X	ACI 318: 17.8.2		X	g. Proper storage provided for bolts, nuts, washers and other fastener components	--	X										
	X	a. Adhesive anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads	X	--	ACI 318: 17.8.2.4		X	h. Adhesive anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads	X	--	ACI 318: 17.8.2.4		X	h. Inspection tasks during bolting:												
L	VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION (IBC TABLE 1705.3)					VERIFICATION AND INSPECTION FOR BOLTING OF STRUCTURAL STEEL (AISC 360-16 Table N5.6.1-3; IBC Section 1705.2)					VERIFICATION AND INSPECTION TASKS FOR OTHER STRUCTURAL STEEL WITHIN THE SEISMIC FORCE RESISTING SYSTEM (AISC 341-16 Table J8.1; IBC Section 1705.12.1)					VERIFICATION AND INSPECTION OF OPEN-WEB STEEL JOISTS AND JOIST GIRDERS (IBC Section 1705.2.3)										
	Check if required	Inspection Task	C	P	Standard	Notes/Comments	Check if required	Inspection Task	C	P	Standard	Notes/Comments	Check if required	Inspection Task	C	P	Standard	Notes/Comments	Check if required	Inspection Task	C	P	Standard	Notes/Comments		
	X	Inspect reinforcement, including prestressing tendons, and verify placement.	--	X	ACI 318: Ch. 20, 25.2, 25.3, 26.6, 1-26.6.3, IBC Section 1908.4		X	a. Reinforcing bar welding:					X	a. Contour and finish	X	--			X	a. End connections - welded or bolted	--	X	SJI specification listed in Section 2207.1			
		Reinforcing bar welding:					X	b. Inspect single-pass fillet welds, maximum 5/16"; and	--	X	AWS D1.4; ACI 318:26.6.4		X	b. Dimensional tolerance	X	--			X	b. Bridging - horizontal or diagonal	--	X				
	X	a. Verify weldability of reinforcing bars other than ASTM A706	--	X			X	c. Inspect all other welds	X	--			X	c. Protected zone - no holes and unapproved attachments made by fabricator or erector, as applicable	X	--			X	Standard bridging	--	X	SJI specification listed in Section 2207.1			
	X	b. Inspect single-pass fillet welds, maximum 5/16"; and	--	X	ACI 318:26.6.4		X	d. Inspect anchors cast in concrete	--	X	ACI 318: 17.8.2		X	d. Document acceptance or rejection of bolted connections	X	--			X	Bridging that differs from the SJI specifications listed in CBC section 2207.1	--	X				
	X	c. Inspect all other welds	X	--			X	e. Inspect anchors post-installed in hardened concrete members:					X	e. Fasteners marked in accordance with ASTM requirements	--	X										
	X	Inspect anchors cast in concrete	--	X	ACI 318: 17.8.2		X	f. Inspect anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads	X	--	ACI 318: 17.8.2.4		X	f. Pre-installation verification testing by installation personnel observed and documented for fastener assemblies and methods used	--	X										
	X	Inspection of anchors post-installed in hardened concrete members:					X	g. Mechanical anchors and adhesive anchors not defined in section a.	--	X	ACI 318: 17.8.2		X	g. Proper storage provided for bolts, nuts, washers and other fastener components	--	X										
	X	a. Adhesive anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads	X	--	ACI 318: 17.8.2.4		X	h. Adhesive anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads	X	--	ACI 318: 17.8.2.4		X	h. Inspection tasks during bolting:												
K	VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION (IBC TABLE 1705.3)					VERIFICATION AND INSPECTION FOR BOLTING OF STRUCTURAL STEEL (AISC 360-16 Table N5.6.1-3; IBC Section 1705.2)					VERIFICATION AND INSPECTION TASKS FOR OTHER STRUCTURAL STEEL WITHIN THE SEISMIC FORCE RESISTING SYSTEM (AISC 341-16 Table J8.1; IBC Section 1705.12.1)					VERIFICATION AND INSPECTION OF OPEN-WEB STEEL JOISTS AND JOIST GIRDERS (IBC Section 1705.2.3)										
	Check if required	Inspection Task	C	P	Standard	Notes/Comments	Check if required	Inspection Task	C	P	Standard	Notes/Comments	Check if required	Inspection Task	C	P	Standard	Notes/Comments	Check if required	Inspection Task	C	P	Standard	Notes/Comments		
	X	Inspect reinforcement, including prestressing tendons, and verify placement.	--	X	ACI 318: Ch. 20, 25.2, 25.3, 26.6, 1-26.6.3, IBC Section 1908.4		X	a. Reinforcing bar welding:					X	a. Contour and finish	X	--			X	a. End connections - welded or bolted	--	X	SJI specification listed in Section 2207.1			
		Reinforcing bar welding:					X	b. Inspect single-pass fillet welds, maximum 5/16"; and	--	X	AWS D1.4; ACI 318:26.6.4		X	b. Dimensional tolerance	X	--			X	b. Bridging - horizontal or diagonal	--	X				
	X	a. Verify weldability of reinforcing bars other than ASTM A706	--	X			X	c. Inspect all other welds	X	--			X	c. Protected zone - no holes and unapproved attachments made by fabricator or erector, as applicable	X	--			X	Standard bridging	--	X	SJI specification listed in Section 2207.1			
	X	b. Inspect single-pass fillet welds, maximum 5/16"; and	--	X	ACI 318:26.6.4		X	d. Inspect anchors cast in concrete	--	X	ACI 318: 17.8.2		X	d. Document acceptance or rejection of bolted connections	X	--			X	Bridging that differs from the SJI specifications listed in CBC section 2207.1	--	X				
	X	c. Inspect all other welds	X	--			X	e. Inspect anchors post-installed in hardened concrete members:					X	e. Fasteners marked in accordance with ASTM requirements	--	X										
	X	Inspect anchors cast in concrete	--	X	ACI 318: 17.8.2		X	f. Inspect anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads	X	--	ACI 318: 17.8.2.4		X	f. Pre-installation verification testing by installation personnel observed and documented for fastener assemblies and methods used	--	X										
	X	Inspection of anchors post-installed in hardened concrete members:					X	g. Mechanical anchors and adhesive anchors not defined in section a.	--	X	ACI 318: 17.8.2		X	g. Proper storage provided for bolts, nuts, washers and other fastener components	--	X										
	X	a. Adhesive anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads	X	--	ACI 318: 17.8.2.4		X	h. Adhesive anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads	X	--	ACI 318: 17.8.2.4		X	h. Inspection tasks during bolting:												
J	VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION (IBC TABLE 1705.3)					VERIFICATION AND INSPECTION FOR BOLTING OF STRUCTURAL STEEL (AISC 360-16 Table N5.6.1-3; IBC Section 1705.2)					VERIFICATION AND INSPECTION TASKS FOR OTHER STRUCTURAL STEEL WITHIN THE SEISMIC FORCE RESISTING SYSTEM (AISC 341-16 Table J8.1; IBC Section 1705.12.1)					VERIFICATION AND INSPECTION OF OPEN-WEB STEEL JOISTS AND JOIST GIRDERS (IBC Section 1705.2.3)										
	Check if required	Inspection Task	C	P	Standard	Notes/Comments	Check if required	Inspection Task	C	P	Standard	Notes/Comments	Check if required	Inspection Task	C	P	Standard	Notes/Comments	Check if required	Inspection Task	C	P	Standard	Notes/Comments		
	X	Inspect reinforcement, including prestressing tendons, and verify placement.	--	X	ACI 318: Ch. 20, 25.2, 25.3, 26.6, 1-26.6.3, IBC Section 1908.4		X	a. Reinforcing bar welding:					X	a. Contour and finish	X	--			X	a. End connections - welded or bolted	--	X	SJI specification listed in Section 2207.1			
		Reinforcing bar welding:					X	b. Inspect single-pass fillet welds, maximum 5/16"; and	--	X	AWS D1.4; ACI 318:26.6.4		X	b. Dimensional tolerance	X	--			X	b. Bridging - horizontal or diagonal	--	X				
	X	a. Verify weldability of reinforcing bars other than ASTM A706	--	X			X	c. Inspect all other welds	X	--			X	c. Protected zone - no holes and unapproved attachments made by fabricator or erector, as applicable	X	--			X	Standard bridging	--	X	SJI specification listed in Section 2207.1			
	X	b. Inspect single-pass fillet welds, maximum 5/16"; and	--	X	ACI 318:26.6.4		X	d. Inspect anchors cast in concrete	--	X	ACI 318: 17.8.2		X	d. Document acceptance or rejection of bolted connections	X	--			X	Bridging that differs from the SJI specifications listed in CBC section 2207.1	--	X				
	X	c. Inspect all other welds	X	--			X	e. Inspect anchors post-installed in hardened concrete members:					X	e. Fasteners marked in accordance with ASTM requirements	--	X										
	X	Inspect anchors cast in concrete	--	X																						

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GRADE BEAM SCHEDULE						
MARK	WIDTH	DEPTH	REINFORCEMENT			NOTES
			TOP & BOTTOM	MID	STIRRUPS	
GB-1	24"	18"	(3) #6	N/A	(3) @ 12" O.C.	
GB-2	18"	14"	(3) #5	N/A	(3) @ 12" O.C.	

SYMBOL LEGEND	
	LOADBEARING CMU WALL, REF. S4.10 FOR REINF.
	NON-LOADBEARING CMU WALL, REF. S4.10 FOR REINF.
	CMU SHEARWALL, REF. S4.10 FOR SCHEDULE
	LOADBEARING CFS WALL
	CFS FLAT STRAP X BRACE
	PERMANENT JOB PILE, REF. S1.10 AND SPECS
	PROBE PILE, REF. SPECS
	HDU 9 HOLDDOWN U.N.O. SEE S6S5.12

- PLAN NOTES
- FINISHED FLOOR ELEVATION = T.O. CONCRETE SLAB = EL. 0'-0" UNLESS NOTED OTHERWISE. REFER TO ARCHITECTURAL OR CIVIL DRAWINGS FOR DATUM ELEVATION.
 - COORDINATE ALL WORK THIS SHEET WITH THE STRUCTURAL NOTES ON SHEET S1 SERIES AND WITH THE PROJECT SPECIFICATIONS.
 - REFER TO SHEET S3 SERIES FOR FOUNDATION DETAILS.
 - CONCRETE FLOOR SLAB OVER MOISTURE RETARDER PER GENERAL NOTES OVER IMPORTED AND IMPROVED SUBGRADE PER THE GEOTECHNICAL REPORT.
SLAB THICKNESS: 5 INCHES
CONCRETE SPECIFICATION: REFER TO AND SPECIFICATIONS
SLAB REINFORCEMENT: #4 @ 12" O.C. EACH WAY MIDSLAB, LAPPED AT SPLICES REF. DETAIL.
 - SAWCUT CONTROL JOINTS: REFER TO DETAIL
 - REFER SHEET FOR BASE PLATE DETAILS.
 - UNLESS NOTED OTHERWISE, CENTER OF GRAVITY OF PILE CAPS = CENTER OF COLUMNS. IF NO COLUMN IS PRESENT, CENTER PILES ON THE GRADE BEAM.
 - 3'-0" SQUARE CONCRETE PEDESTAL, TOP OF PEDESTAL ELEVATION = 0'-8" U.N.O.
 - ALL GRADE BEAMS = GB-1 U.N.O.
 - PROVIDE 4" PAVING LEDGE AT ALL PAVING TO FOUNDATION INTERSECTIONS.

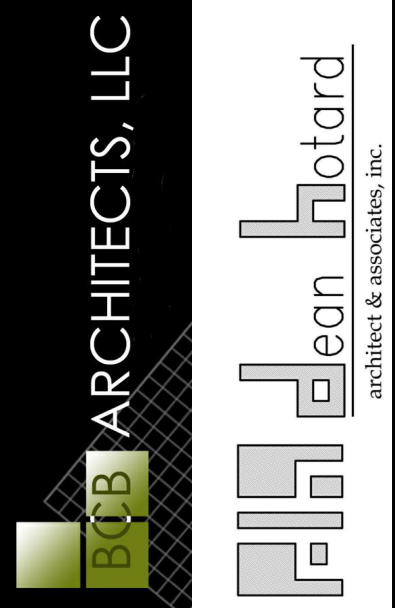
Salas O'Brien
salasobrien.com
New Orleans
1001 Poydras Street, 20th
New Orleans, LA 70139
Registration:
F-4111

NOT FOR
CONSTRUCTION

THIS DRAWING IS RELEASED
FOR THE PURPOSE OF
INTERIM REVIEW. IT IS NOT
TO BE USED FOR
REGULATORY APPROVAL
PERMIT OR CONSTRUCTION.

BRADLEY CARVILLE
LOUISIANA P.E. #0038323
DATE: JULY 9, 2025

P.O. Box 213
Plaquemine, LA
70765



COHN ENRICHMENT ADDITION

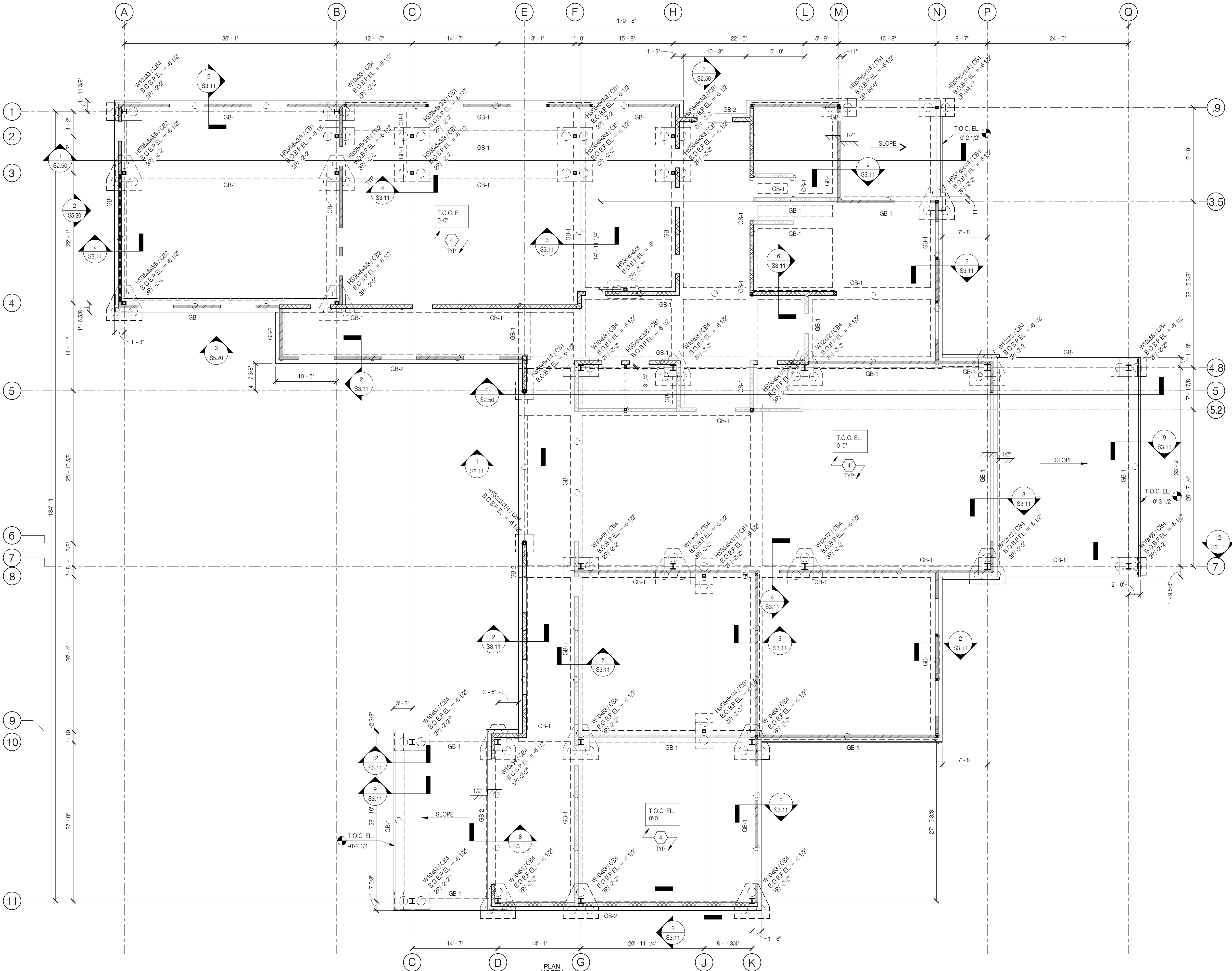
PERMIT DRAWINGS
805 14TH ST.
PORT ALLEN, LA 70767

PROJECT NO: 64-002-24A
PHASE: PERMIT DRAWINGS
DATE: JULY 9, 2025
PROJECT ENGINEER: BC
DRAWN BY: YD

SHEET NO.

S2.10

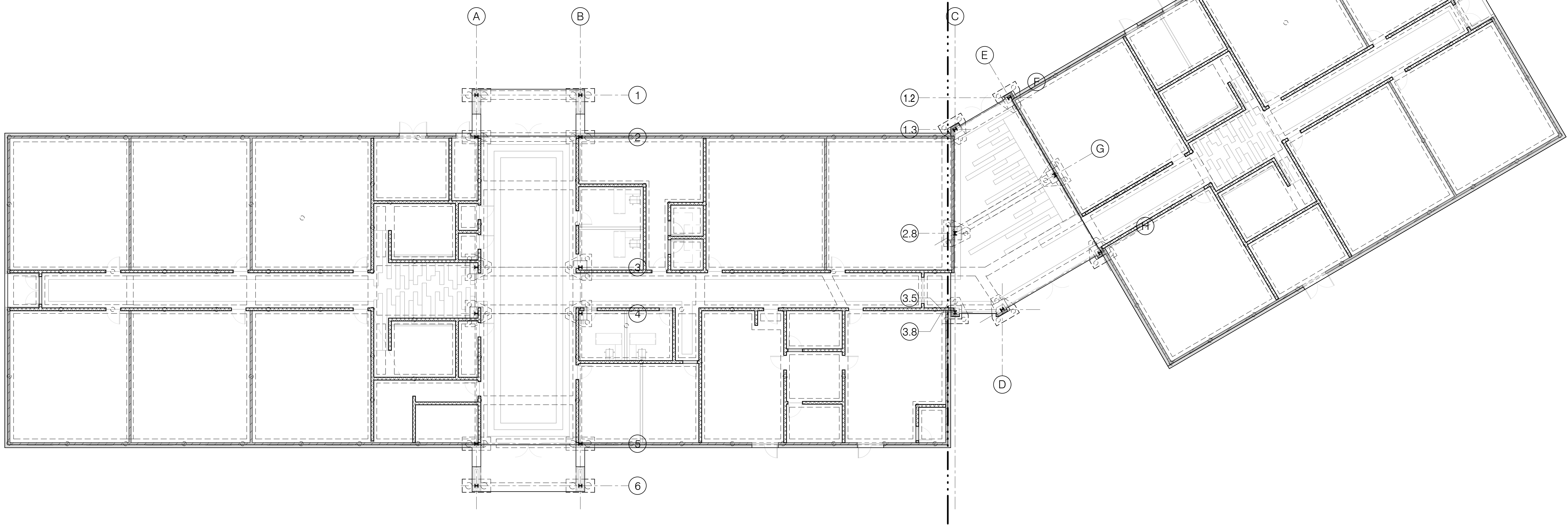
of



1 FOUNDATION PLAN

1/8" = 1'-0"

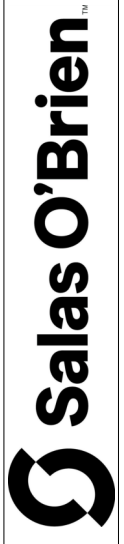
Autodesk Docs://Conn. Elementary Additions_64-002-244/Cohn Middle School Addition - Structure - R24.dwg 7/9/2025 3:00:38 PM



1

OVERALL FOUNDATION PLAN

3/32" = 1'-0"



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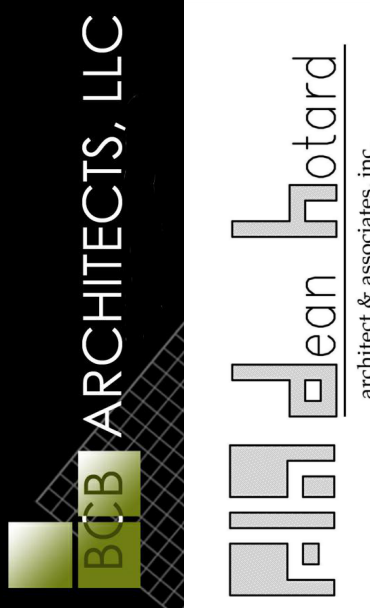
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LOUISIANA P.E. #0388323
DATE: JULY 09, 2025

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Breauxville, LA
70785



COHN MIDDLE SCHOOL ADDITION

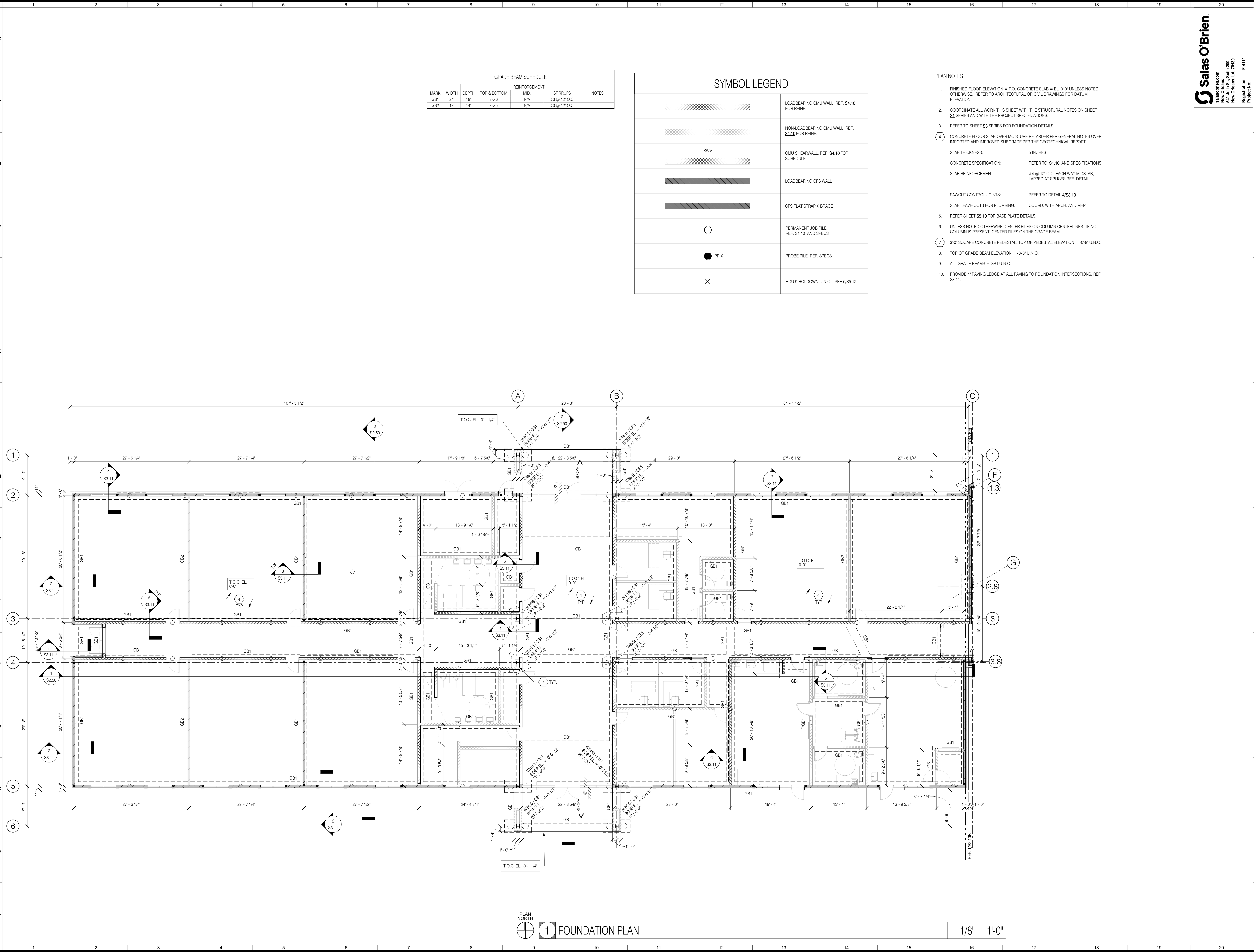
SCHEMATIC DESIGN
805 14TH ST.
PORT ALLEN, LA 70767

PROJECT NO: 64-002-24A
PHASE: PERMIT DRAWINGS

DATE: JULY 09, 2025
PROJECT ENGINEER: BC
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GRADE BEAM SCHEDULE						
MARK	WIDTH	DEPTH	TOP & BOTTOM	REINFORCEMENT		NOTES
				MID.	STIRRUPS	
GB1	24"	18"	3-#6	N/A	#3 @ 12" O.C.	
GB2	18"	14"	3-#5	N/A	#3 @ 12" O.C.	

SYMBOL LEGEND	
	LOADBEARING CMU WALL, REF. \$4.10 FOR REINF.
	NON-LOADBEARING CMU WALL, REF. \$4.10 FOR REINF.
	CMU SHEARWALL, REF. \$4.10 FOR SCHEDULE
	LOADBEARING CFS WALL
	CFS FLAT STRAP X BRACE
	PERMANENT JOB PILE, REF. S1.10 AND SPECS
	PROBE PILE, REF. SPECS
	HDU 9 HOLDOWN U.N.O. SEE 6/SS.12

- PLAN NOTES
- FINISHED FLOOR ELEVATION = T.O. CONCRETE SLAB = EL. 0'-0" UNLESS NOTED OTHERWISE. REFER TO ARCHITECTURAL OR CIVIL DRAWINGS FOR DATUM ELEVATION.
 - COORDINATE ALL WORK THIS SHEET WITH THE STRUCTURAL NOTES ON SHEET **S1** SERIES AND WITH THE PROJECT SPECIFICATIONS.
 - REFER TO SHEET **S3** SERIES FOR FOUNDATION DETAILS.
 - CONCRETE FLOOR SLAB OVER MOISTURE RETARDER PER GENERAL NOTES OVER IMPORTED AND IMPROVED SUBGRADE PER THE GEOTECHNICAL REPORT.
SLAB THICKNESS: 5 INCHES
CONCRETE SPECIFICATION: REFER TO **\$1.10** AND SPECIFICATIONS
SLAB REINFORCEMENT: #4 @ 12" O.C. EACH WAY MIDLAB, LAPPED AT SPICES REF. DETAIL
 - SAWCUT CONTROL JOINTS: REFER TO DETAIL **4/S3.10**
SLAB LEAVE-OUTS FOR PLUMBING: COORD. WITH ARCH. AND MEP
 - REFER SHEET **\$5.10** FOR BASE PLATE DETAILS.
 - UNLESS NOTED OTHERWISE, CENTER PILES ON COLUMN CENTERLINES. IF NO COLUMN IS PRESENT, CENTER PILES ON THE GRADE BEAM.
 - 3'-0" SQUARE CONCRETE PEDESTAL, TOP OF PEDESTAL ELEVATION = -0'-8" U.N.O.
 - TOP OF GRADE BEAM ELEVATION = -0'-8" U.N.O.
 - ALL GRADE BEAMS = GB1 U.N.O.
 - PROVIDE 4" PAVING LEDGE AT ALL PAVING TO FOUNDATION INTERSECTIONS. REF. S3.11.

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Registration:

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Plaquemine, LA 70765

ARCHITECTS, LLC

Clean Motard
ARCHITECT & ENGINEER, LLC

COHN MIDDLE SCHOOL ADDITION

SCHEMATIC DESIGN
805 14TH ST.
PORT ALLEN, LA 70767

PROJECT NO: 64-002-24A

PHASE: PERMIT DRAWINGS

DATE: JULY 09, 2025

PROJECT ENGINEER: BC

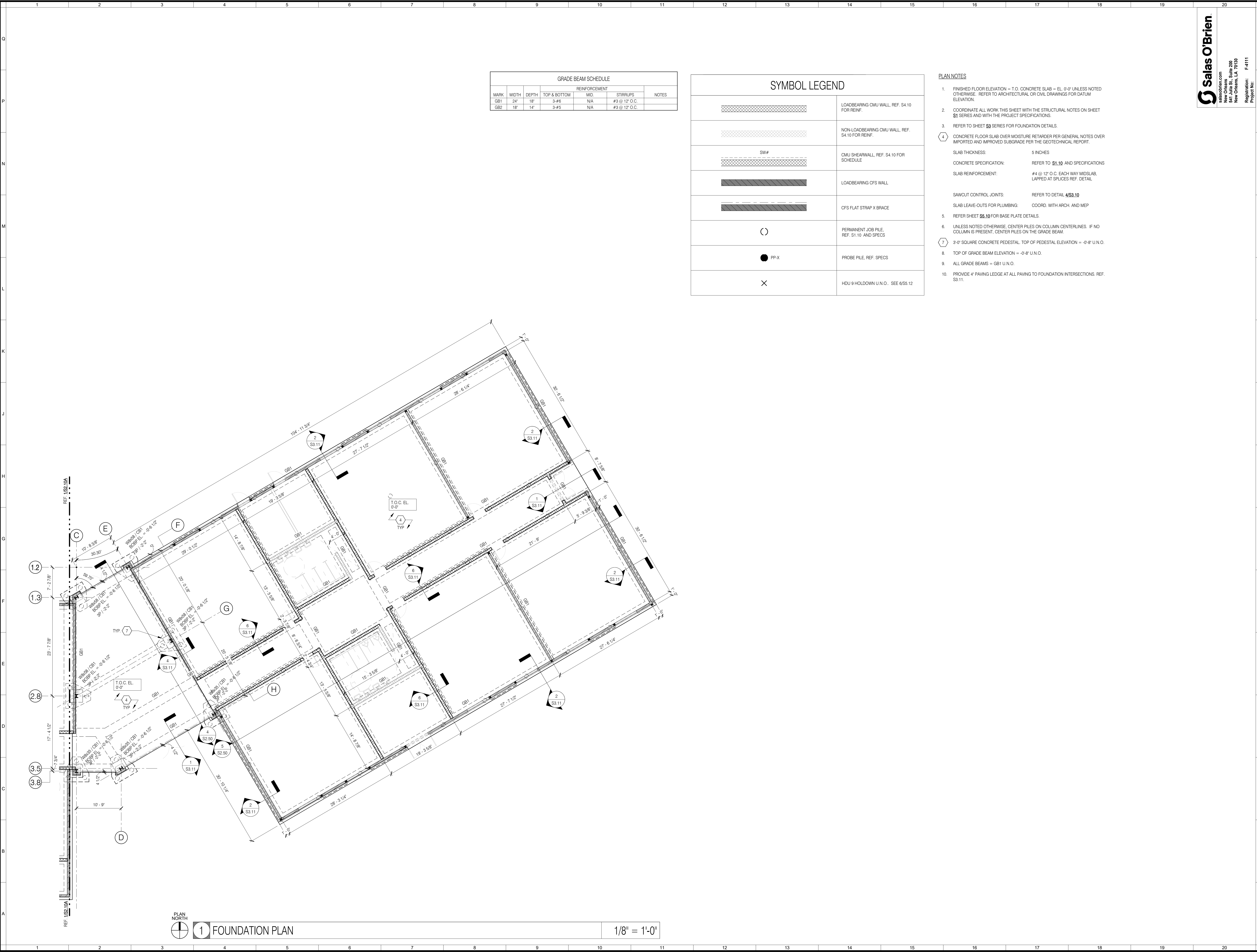
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GRADE BEAM SCHEDULE					
MARK	WIDTH	DEPTH	REINFORCEMENT		NOTES
			TOP & BOTTOM	MID.	
GB1	24"	18"	3-#6	N/A	#3 @ 12" O.C.
GB2	18"	14"	3-#5	N/A	#3 @ 12" O.C.

SYMBOL LEGEND	
	LOADBEARING CMU WALL, REF. S4.10 FOR REINF.
	NON-LOADBEARING CMU WALL, REF. S4.10 FOR REINF.
	CMU SHEARWALL, REF. S4.10 FOR SCHEDULE
	LOADBEARING CFS WALL
	CFS FLAT STRAP X BRACE
	PERMANENT JOB PILE, REF. S1.10 AND SPECS
	PROBE PILE, REF. SPECS
	HDU 9 HOLDOWN U.N.O. SEE 6/S5.12

- PLAN NOTES
- FINISHED FLOOR ELEVATION = T.O. CONCRETE SLAB = EL. 0'-0" UNLESS NOTED OTHERWISE. REFER TO ARCHITECTURAL OR CIVIL DRAWINGS FOR DATUM ELEVATION.
 - COORDINATE ALL WORK THIS SHEET WITH THE STRUCTURAL NOTES ON SHEET **S1** SERIES AND WITH THE PROJECT SPECIFICATIONS.
 - REFER TO SHEET **S3** SERIES FOR FOUNDATION DETAILS.
 - CONCRETE FLOOR SLAB OVER MOISTURE RETARDER PER GENERAL NOTES OVER IMPORTED AND IMPROVED SUBGRADE PER THE GEOTECHNICAL REPORT.
SLAB THICKNESS: 5 INCHES
CONCRETE SPECIFICATION: REFER TO **S1.10** AND SPECIFICATIONS
SLAB REINFORCEMENT: #4 @ 12" O.C. EACH WAY MIDSLAB, LAPPED AT SPICES REF. DETAIL
 - SAWCUT CONTROL JOINTS: REFER TO DETAIL **4/S3.10**
SLAB LEAVE-OUTS FOR PLUMBING: COORD. WITH ARCH. AND MEP
 - REFER SHEET **S5.10** FOR BASE PLATE DETAILS.
 - UNLESS NOTED OTHERWISE, CENTER PILES ON COLUMN CENTERLINES. IF NO COLUMN IS PRESENT, CENTER PILES ON THE GRADE BEAM.
 - 3'-0" SQUARE CONCRETE PEDESTAL, TOP OF PEDESTAL ELEVATION = -0'-8" U.N.O.
 - TOP OF GRADE BEAM ELEVATION = -0'-8" U.N.O.
 - ALL GRADE BEAMS = GB1 U.N.O.
 - PROVIDE 4" PAVING LEDGE AT ALL PAVING TO FOUNDATION INTERSECTIONS. REF. S3.11.

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New Orleans
70112-2500
New Orleans, LA 70139
Registration: F-4111
Project No.

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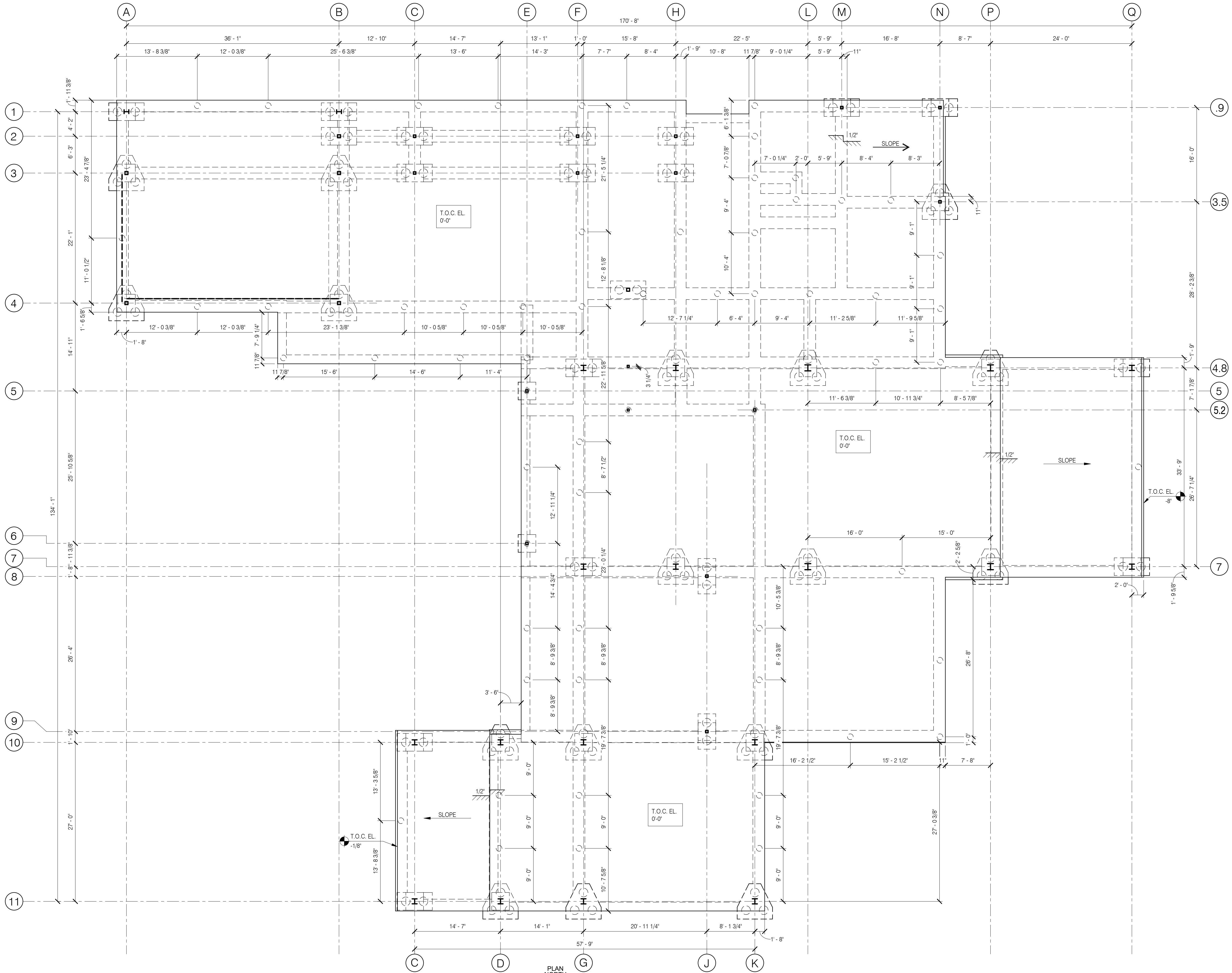
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Clean Motard
ARCHITECTS & ASSOCIATES, LLC

COHN MIDDLE SCHOOL ADDITION
SCHEMATIC DESIGN
805 14TH ST.
PORT ALLEN, LA 70767

PROJECT NO: 64-002-24A
PHASE: PERMIT DRAWINGS
DATE: JULY 09, 2025
PROJECT ENGINEER: BC
DRAWN BY: Author

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PLAN NORTH
1 PILING PLAN

1/8" = 1'-0"

SYMBOL LEGEND

	PERMANENT JOB PILE, REF. S1.10 AND SPECS
	PROBE PILE, REF. SPECS

NOTES
1. REFER TO FOUNDATION PLAN FOR ADDITIONAL INFORMATION.

- PLAN NOTES
1. FINISHED FLOOR ELEVATION = T.O. CONCRETE SLAB = EL. 0'-0" UNLESS NOTED OTHERWISE. REFER TO ARCHITECTURAL OR CIVIL DRAWINGS FOR DATUM ELEVATION.
 2. COORDINATION ALL WORK THIS SHEET WITH THE STRUCTURAL NOTES ON SHEET S1 SERIES AND WITH THE PROJECT SPECIFICATIONS.
 3. REFER TO FOUNDATION PLAN FOR ADDITIONAL INFORMATION NOT SHOWN.

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70765

BCB ARCHITECTS, LLC
ARCHITECTS & ASSOCIATES, LLC

lean hotard
ARCHITECT

COHN ENRICHMENT ADDITION

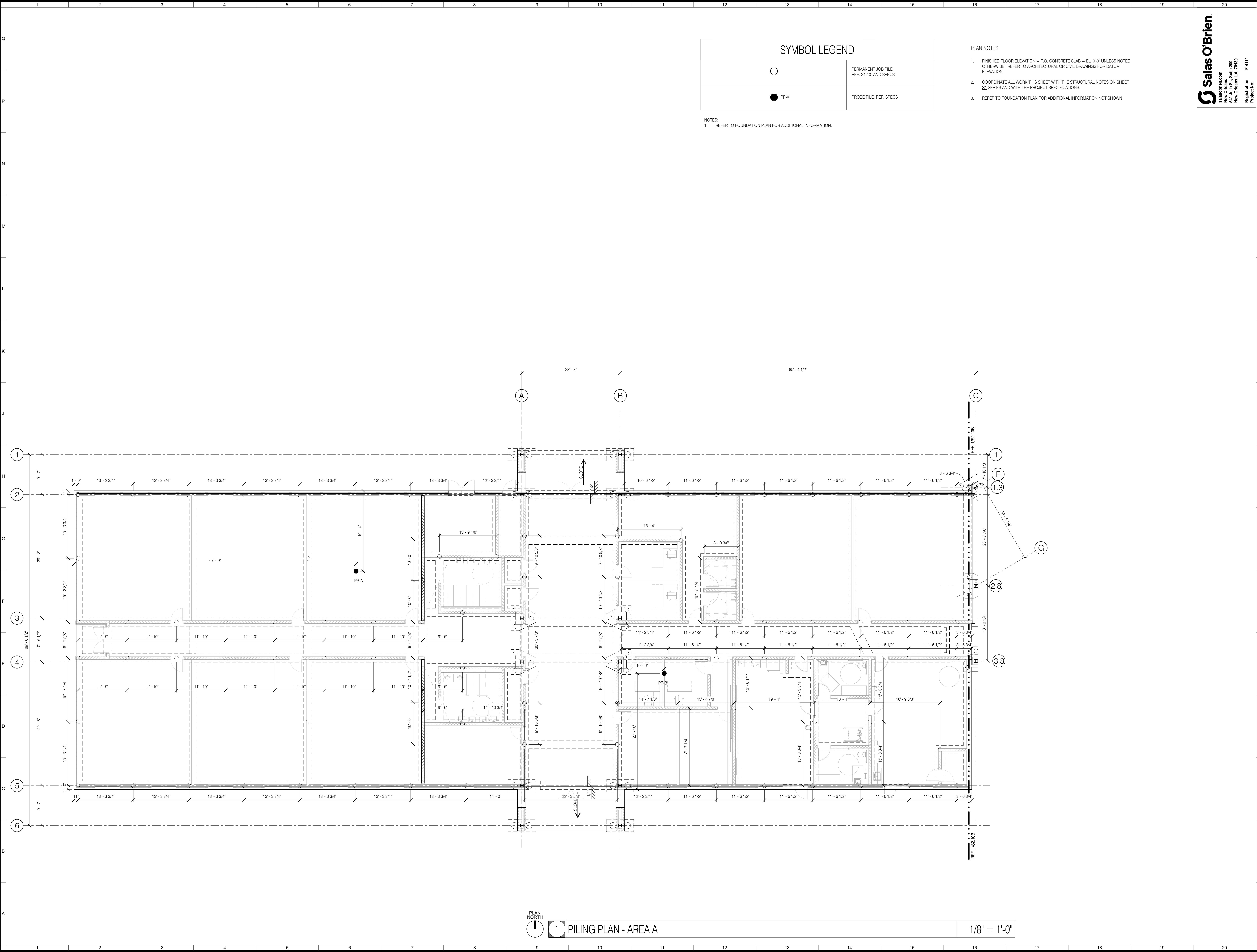
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805 14TH ST.
PORT ALLEN, LA 70767

PROJECT NO: 64-002-24A
PHASE: PERMIT DRAWINGS

DATE: JULY 9, 2025
PROJECT ENGINEER: BC
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SYMBOL LEGEND	
	PERMANENT JOB PILE, REF. S1-10 AND SPECS
	PROBE PILE, REF. SPECS

NOTES:
1. REFER TO FOUNDATION PLAN FOR ADDITIONAL INFORMATION.

- PLAN NOTES
1. FINISHED FLOOR ELEVATION = T.O. CONCRETE SLAB = EL. 0'-0" UNLESS NOTED OTHERWISE. REFER TO ARCHITECTURAL OR CIVIL DRAWINGS FOR DATUM ELEVATION.
 2. COORDINATE ALL WORK THIS SHEET WITH THE STRUCTURAL NOTES ON SHEET S1 SERIES AND WITH THE PROJECT SPECIFICATIONS.
 3. REFER TO FOUNDATION PLAN FOR ADDITIONAL INFORMATION NOT SHOWN

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COHN MIDDLE SCHOOL ADDITION

SCHEMATIC DESIGN
805 14TH ST.
PORT ALLEN, LA 70767

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DATE: JULY 09, 2025

PROJECT ENGINEER: BC

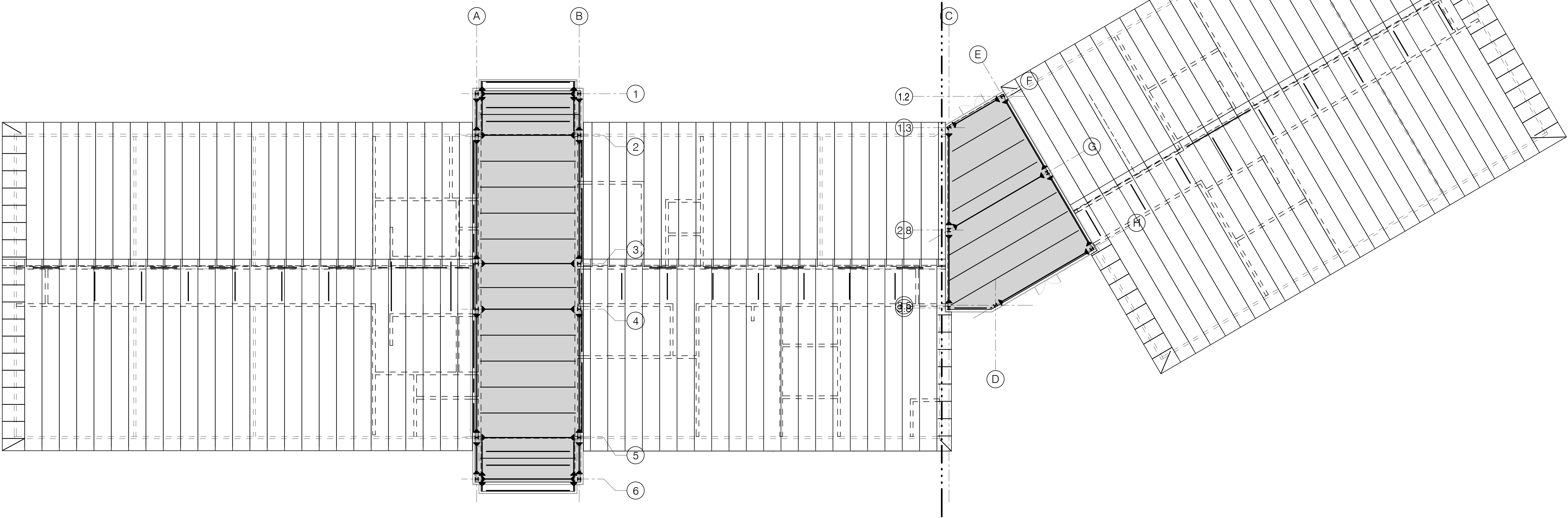
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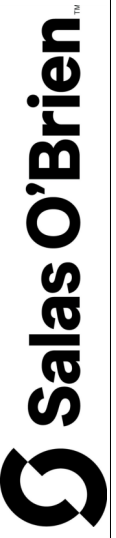
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1

OVERALL ROOF FRAMING PLAN

3/32" = 1'-0"



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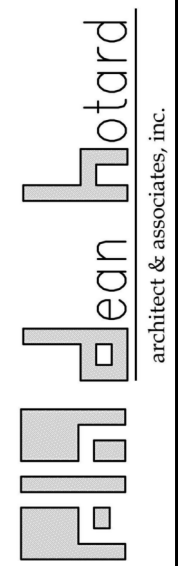
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LOUISIANA P.E. #0388323
DATE: JULY 09, 2025

P.O. Box 213
Breauxville, LA
70785



COHN MIDDLE SCHOOL ADDITION

SCHEMATIC DESIGN
805 14TH ST.

PORT ALLEN, LA 70767

PROJECT NO: 64-002-24A

PHASE: PERMIT DRAWINGS

DATE: JULY 09, 2025

PROJECT ENGINEER: BC

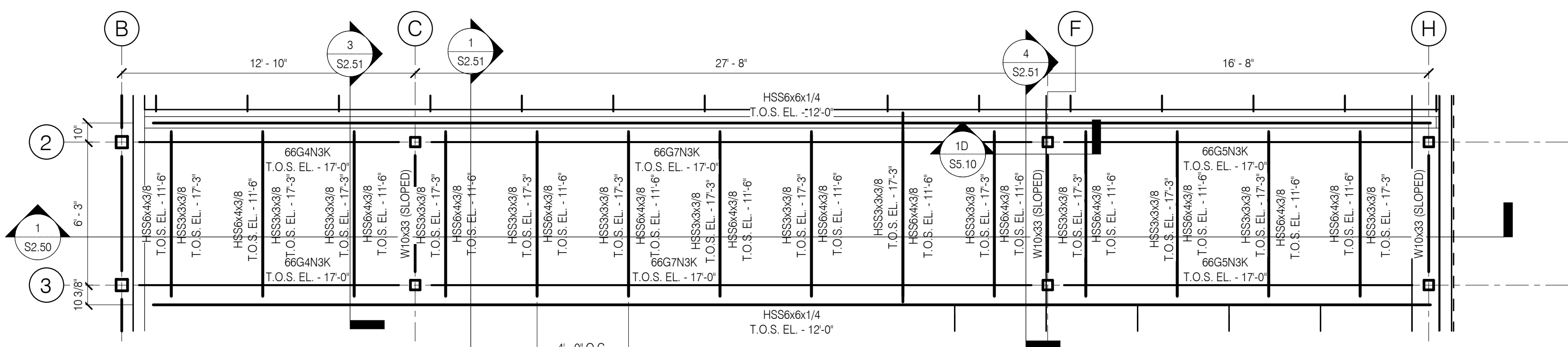
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- NOTES:
1. TRUSS LOCATIONS MUST BE COORDINATED WITH THE JOIST GIRDER SUPPLIER.
 2. REFER TO DETAILS FOR JOIST GIRDER LOADINGS AND ADDITIONAL INFORMATION.
 3. SLOPED BEAMS OVER COLUMNS TO OCCUR AT BOTTOM OF METAL ROOF DECK.



3 JOIST GIRDER FRAMING PLAN

1/4" = 1'-0"

SYMBOL LEGEND	
	LOADBEARING CMU WALL, REF. S4.10 FOR REIN.
	NON-LOADBEARING CMU WALL, REF. S4.10 FOR REIN.
	CMU SHEARWALL, REF. S4.10 FOR SCHEDULE
	SHADED AREA REPRESENTS ACoustICAL METAL ROOF DECK PER PLAN NOTES
	LOADBEARING CFS WALL
	CFS FLAT STRAP X BRACE

PLAN NOTES

1. T.O. STEEL ELEVATIONS REF. PLAN. REFER TO ARCHITECTURAL OR CIVIL DRAWINGS FOR DATUM ELEVATION.
2. COORDINATE ALL WORK THIS SHEET WITH THE STRUCTURAL NOTES ON SHEET AND WITH THE PROJECT SPECIFICATIONS.
3. REFER TO THE \$500 SERIES SHEETS FOR FRAMING DETAILS.
4. REFER TO FOUNDATION PLANS FOR COLUMN & BASEPLATE SIZES.
5. 1 1/2" 22 GA. TYPE B ROOF DECK. ATTACH TO STEEL SUPPORTS W/ THE FOLLOWING FASTENERS:
SUPPORTS THINNER THAN 3/8" FASTENER: #12 TEK SCREWS
FASTENER PATTERN: 3x5
SIDELAP: #10 TEK SCREWS @ 12" O.C.
SUPPORTS 3/8" THICK OR THICKER FASTENER: #12 TEK SCREWS
FASTENER PATTERN: 3x5
SIDELAP: #10 TEK SCREWS @ 12" O.C.
6. 2" 20GA. DOVETAIL ACoustICAL ROOF DECK (2.0DF-30 BY VULCRAFT = BASIS OF DESIGN PRODUCT). ATTACH TO STEEL SUPPORTS W/ THE FOLLOWING FASTENERS:
SUPPORTS THINNER THAN 3/8" FASTENER: #12 TEK SCREWS
FASTENER PATTERN: 24x58
SIDELAP: #10 TEK SCREWS @ 12" O.C.
SUPPORTS 3/8" THICK OR THICKER FASTENER: #12 TEK SCREWS
FASTENER PATTERN: 24x58
SIDELAP: #10 TEK SCREWS @ 12" O.C.
7. JOIST BRIDGING PER JOIST SUPPLIER IS NOT SHOWN FOR CLARITY.
8. CFS ROOF TRUSSES TO BE SPACED 4'-0" O.C. MAX.
9. CFS ROOF TRUSS AND STEEL JOIST DESIGN NOTES:
A. ROOF DL = 15 PSF
B. ROOF LL = 20 PSF
C. ROOF UPLIFT TO BE DESIGNED BY TRUSS AND JOIST MFRS
10. TRUSS BEARING DEPTH = 12'-0" AFF.
11. HSS 3X3X1/4" TIE BEAMS @ 12'-0" O.C. MAX. B.O.S. ELEVATION = 12'-0".
12. G.T. = GIRDER TRUSS
13. 800S162-54 OUTRIGGER @ 48" O.C.
14. STEEL OPEN WEB JOISTS SHALL BE EQUALLY SPACED BETWEEN COLUMN LINES UNLESS SPECIFICALLY NOTED OTHERWISE. MAX JOIST SPACING = 5'-0" AT TYPICAL ROOF DECK. MAX JOIST SPACING = 7'-6" O.C. AT 2' ACoustICAL ROOF DECK.
15. CFS ROOF TRUSS SUPPLIER TO PROVIDE ALL NECESSARY BRACING FOR ADDITIONAL INFORMATION.
16. (2) 800S162-54 BACK TO BACK, REF. 11/SS.13
17. ROOF HATCH, REF. 9/SS.14 FOR ADDTL FRAMING. COORD. HATCH LOC. W/ ARCH DOCS.
18. L3X3X1/4" DIAG. KICKER @ 5'-0" O.C. MAX.
19. C8X11.5 PARAPET @ 48" O.C. MAX.
20. SW = SHEARWALL
21. ROOF TRUSSES MUST BE ALIGNED OVER SHEAR WALLS. REF. PLAN FOR SW LOC.
22. L6x6x5/16" DECK SUPPORTS, REF. DETAIL

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70765

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P.O. Box 213
Pine Ridge, LA
70765
lean hotard
ARCHITECT & ASSOCIATES, LLC

COHN ENRICHMENT ADDITION

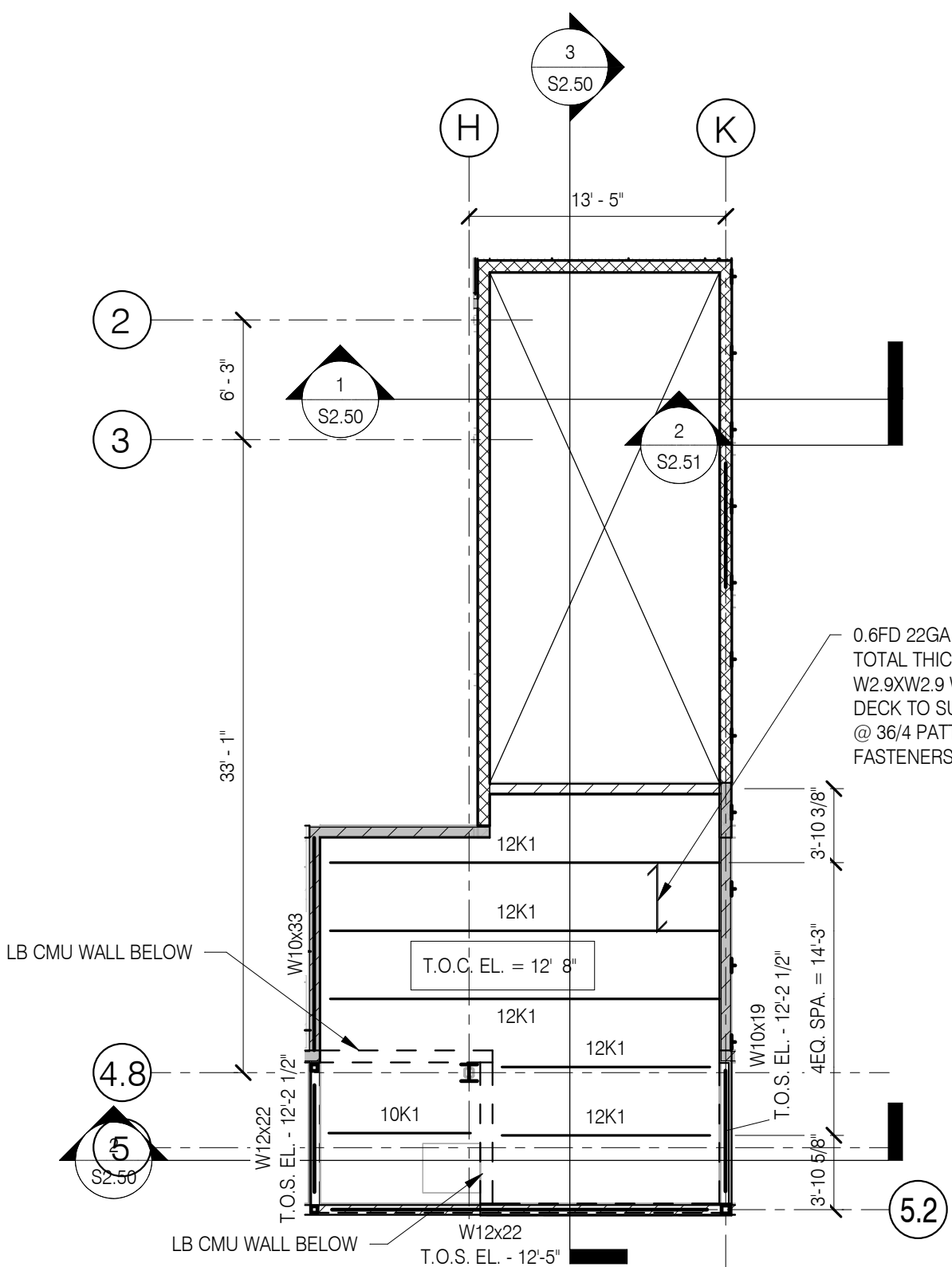
PERMIT DRAWINGS
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PORT ALLEN, LA 70767

PROJECT NO.: 64-002-24A
PHASE: PERMIT DRAWINGS
DATE: JULY 9, 2025
PROJECT ENGINEER: BC
DRAWN BY: YD

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S2.20

of



2 MEZZANINE FLOOR FRAMING PLAN

1/8" = 1'-0"

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2021 IBC COMPONENTS AND CLADDING DESIGN PRESSURE (PSF)														
ZONE / EWA (Ft²)	ZONE 1		ZONE 2		ZONE 2		ZONE 3		ZONE 3		ZONE 4		ZONE 5	
	(ROOF FIELD)		(ROOF EDGE)		(ROOF EDGE)		(ROOF CORNER)		(ROOF CORNER)		(WALL FIELD)		(WALL EDGE)	
≤ 10	16	-38	16	-43	16	-52	16	-58	16	-82	32	-34	32	-42
20	16	-38	16	-43	16	-51	16	-53	16	-73	30	-33	30	-39
50	16	-38	16	-41	16	-50	16	-46	16	-61	28	-31	28	-36
100	16	-38	16	-40	16	-49	16	-40	16	-52	27	-30	27	-33
200	16	-38	16	-40	16	-49	16	-40	16	-52	26	-28	26	-30
≥ 500	16	-38	16	-40	16	-49	16	-40	16	-52	24	-26	24	-26

- NOTES:
- EWA THE EFFECTIVE WIND AREA OF A STRUCTURAL COMPONENT.
 - FOR ZONE DEFINITION, REF. ASCE 7-16 FIGURES 30.3.1 AND 30.3.5A.
 - PLUS AND MINUS SIGNS SIGNIFY PRESSURES ACTING TOWARD AND AWAY FROM THE SURFACE, RESPECTIVELY.
 - REFER TO ARCHITECTURAL DOCUMENTS FOR FACTORY MANUAL RATED SYSTEM REQUIREMENTS.
 - WIND PRESSURE ARE ULTIMATE STRENGTH LEVEL.
 - ZONE WIDTH 'w' IS 4'-10".

SYMBOL LEGEND

	LOADBEARING CMU WALL, REF. S4.10 FOR REINF.
	NON-LOADBEARING CMU WALL, REF. S4.10 FOR REINF.
	CMU SHEARWALL, REF. S4.10 FOR SCHEDULE
	SHADED AREA REPRESENTS ACoustICAL METAL ROOF DECK PER PLAN NOTES
	LOADBEARING CFS WALL
	CFS FLAT STRAP X BRACE

PLAN NOTES

- T.O. STEEL ELEVATIONS REF. PLAN. REFER TO ARCHITECTURAL OR CIVIL DRAWINGS FOR DATUM ELEVATION.
- COORDINATE ALL WORK THIS SHEET WITH THE STRUCTURAL NOTES ON SHEET S2.10 AND WITH THE PROJECT SPECIFICATIONS.
- REFER TO THE S500 SERIES SHEETS FOR FRAMING DETAILS.
- REFER TO FOUNDATION PLANS FOR COLUMN & BASEPLATE SIZES.
- 1 1/2" 22 GA. TYPE B ROOF DECK. ATTACH TO STEEL SUPPORTS W/ THE FOLLOWING FASTENERS:

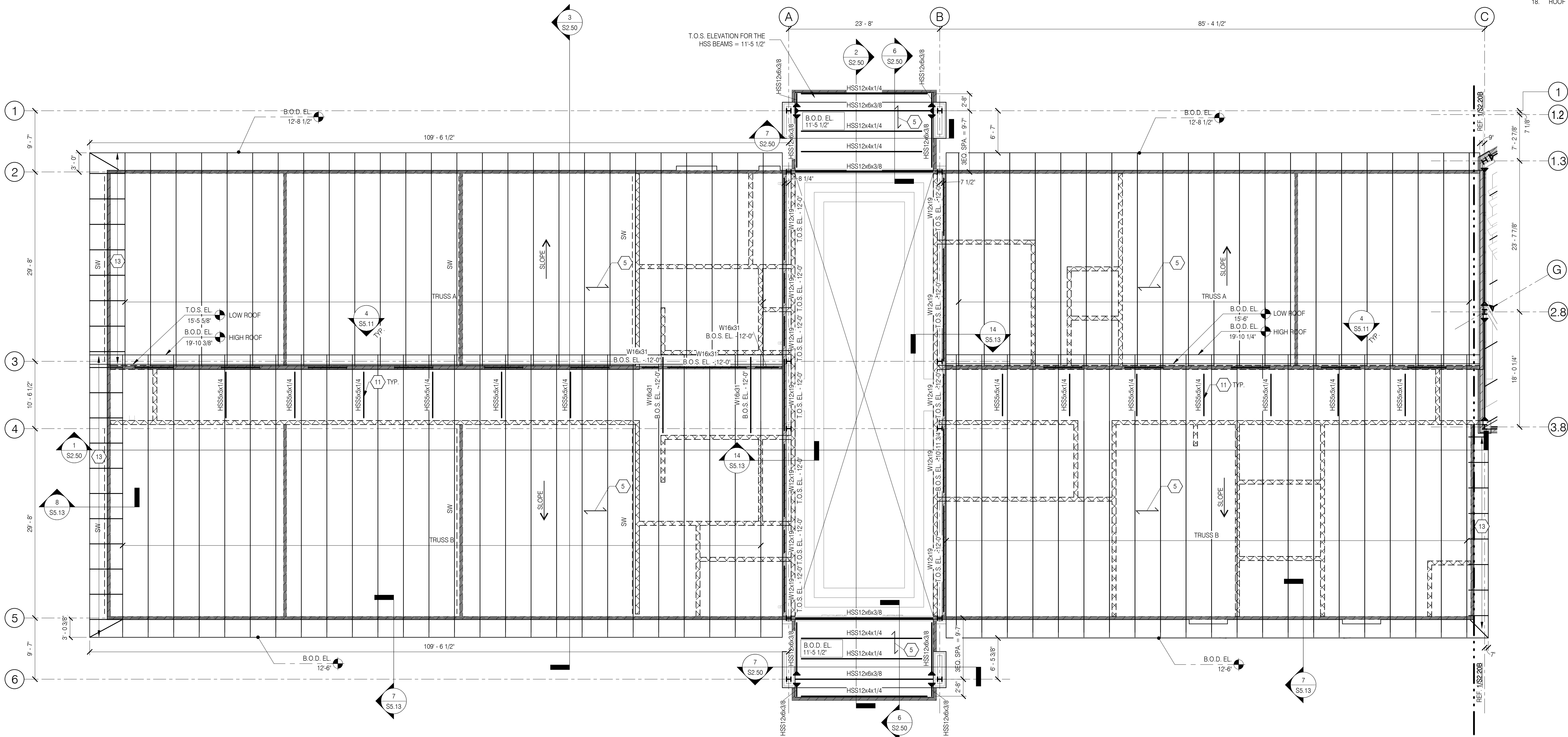
SUPPORTS THINNER THAN 3/8"
FASTENER: #12 TEK SCREWS
FASTENER PATTERN: 36/5
SIDELAP: #10 TEK SCREWS @ 12" O.C.

SUPPORTS 3/8" THICK OR THICKER
FASTENER: #12 TEK SCREWS
FASTENER PATTERN: 36/5
SIDELAP: #10 TEK SCREWS @ 12" O.C.

2" 20 GA. DOVETAIL ACoustICAL ROOF DECK. ATTACH TO STEEL SUPPORTS W/ THE FOLLOWING FASTENERS:

SUPPORTS THINNER THAN 3/8"
FASTENER: #12 TEK SCREWS
FASTENER PATTERN: 36/5
SIDELAP: #10 TEK SCREWS @ 12" O.C.

SUPPORTS 3/8" THICK OR THICKER
FASTENER: #12 TEK SCREWS
FASTENER PATTERN: 36/5
SIDELAP: #10 TEK SCREWS @ 12" O.C.
- JOIST BRIDGING PER JOIST SUPPLIER IS NOT SHOWN FOR CLARITY.
- CFS ROOF TRUSSES TO BE SPACED 4'-0" O.C. MAX.
- CFS ROOF TRUSS AND STEEL JOIST DESIGN NOTES:
A. ROOF DL = 15 PSF
B. ROOF LL = 20 PSF
C. ROOF UPLIFT TO BE DESIGNED BY TRUSS AND JOIST MFRS
- TRUSS BEARING DEPTH = 12'-0" AFF.
- HSS 5x5x1/4" TIE BEAMS @ 12'-0" O.C. MAX. B.O.S. ELEVATION = 12'-0".
- G.T. = GIRDER TRUSS.
- 800S162-54 OUTRIGGER @ 48" O.C.
- STEEL OPEN WEB JOISTS SHALL BE EQUALLY SPACED BETWEEN COLUMN LINES UNLESS SPECIFICALLY NOTED OTHERWISE. MAX JOIST SPACING = 5'-0" AT TYPICAL TYPE B ROOF DECK. MAX JOIST SPACING = 7'-0" AT 2' ACoustICAL ROOF DECK.
- CFS ROOF TRUSS SUPPLIER TO PROVIDE ALL NECESSARY BRACING. REF. S5.13 FOR ADDITIONAL INFORMATION.
- L3X3X1/4" DIAG. KICKER @ 5'-0" O.C.
- SW = SHEARWALL.
- ROOF TRUSSES MUST BE ALIGNED OVER SHEARWALLS. REF. PLAN FOR SW LOCs.



1 ROOF FRAMING PLAN

1/8" = 1'-0"

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Registration:
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REV	DESCRIPTION	DATE

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DATE: JULY 09, 2025

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BCB ARCHITECTS, LLC
1001 Poydras Street, Suite 2000
New Orleans, LA 70112
John Hotard
ARCHITECT & ASSOCIATES, INC.

COHN MIDDLE SCHOOL ADDITION

SCHEMATIC DESIGN
805 14TH ST.
PORT ALLEN, LA 70767

PROJECT NO.: 64-002-24A
PHASE: PERMIT DRAWINGS

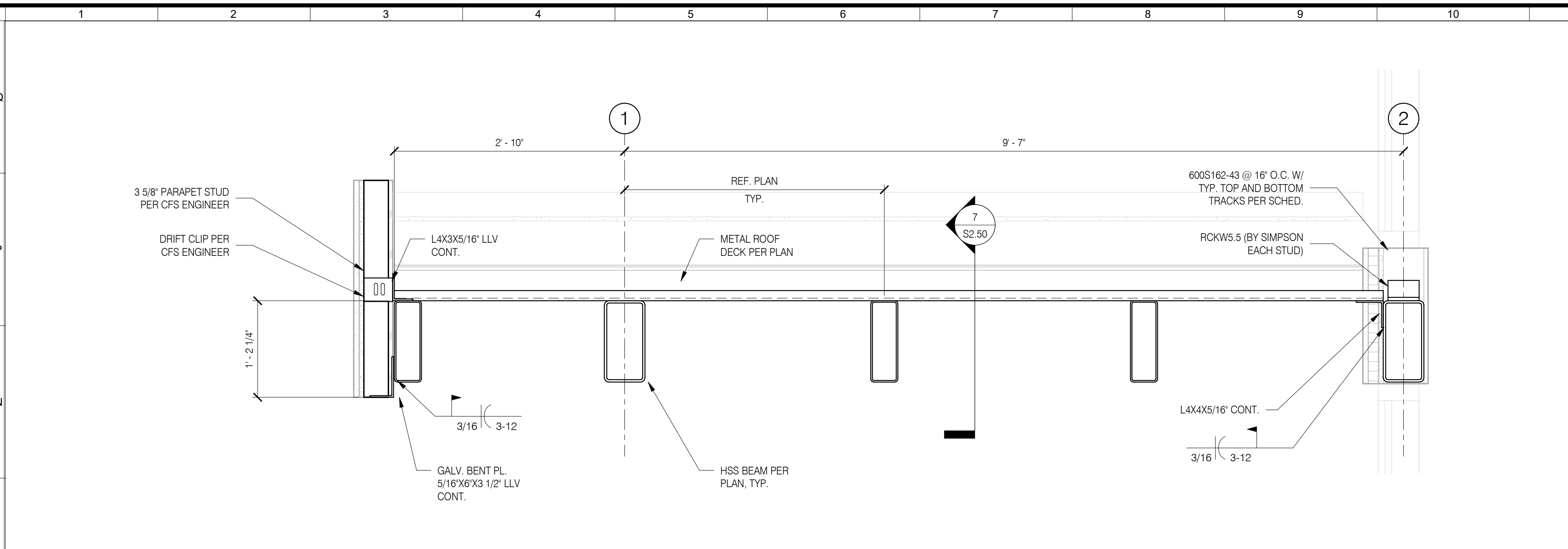
DATE: JULY 09, 2025
PROJECT ENGINEER: BC
DRAWN BY: Author

SHEET NO.

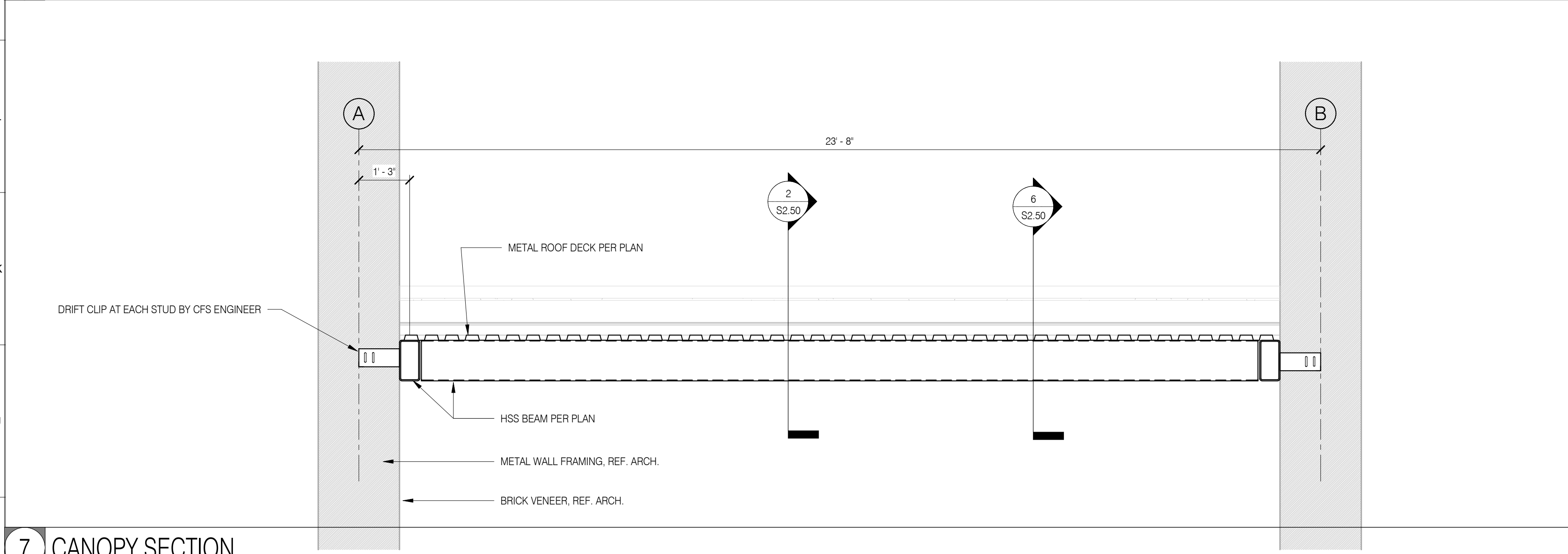
S2.20A

of

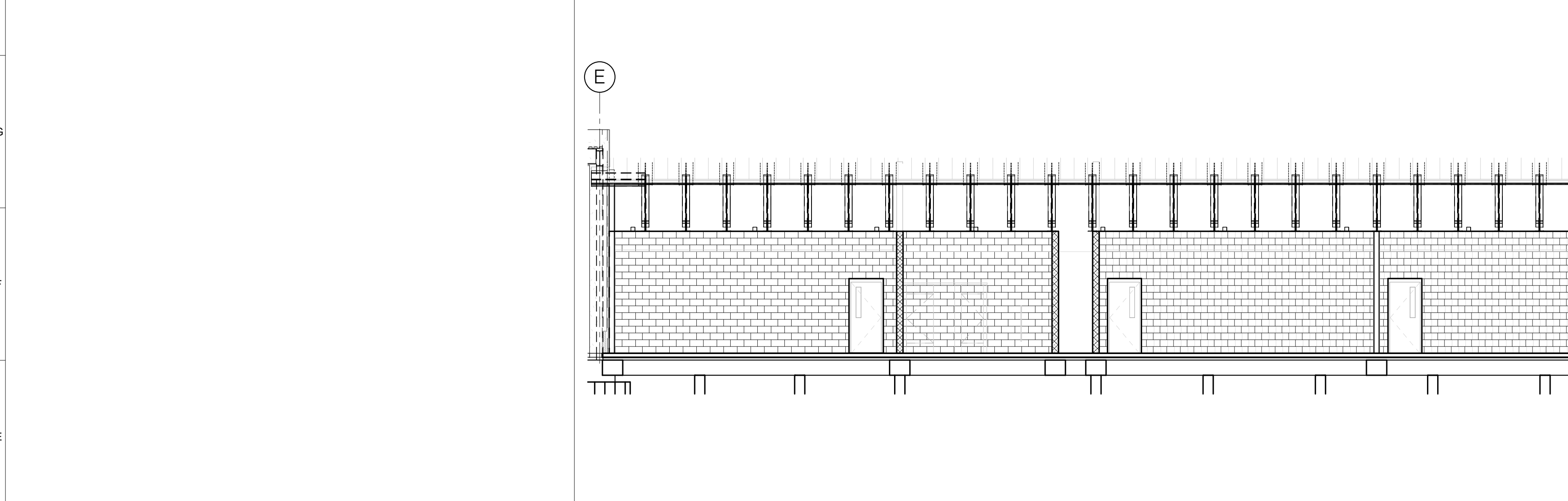
Autodesk Docs://Conn Elementary Additions 64-002-244/Cohn Middle School Addition - Structure - R24.rvt 7/9/2025 3:00:44 PM



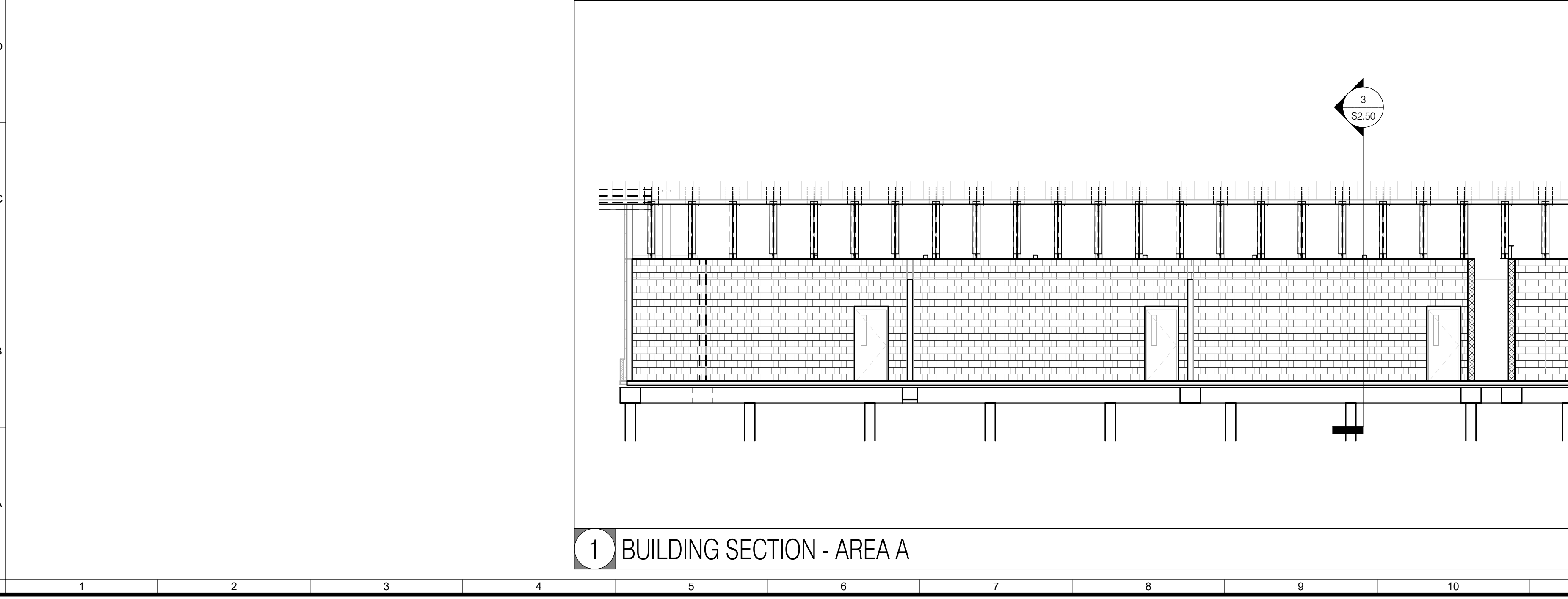
6 CANOPY SECTION 1" = 1'-0"



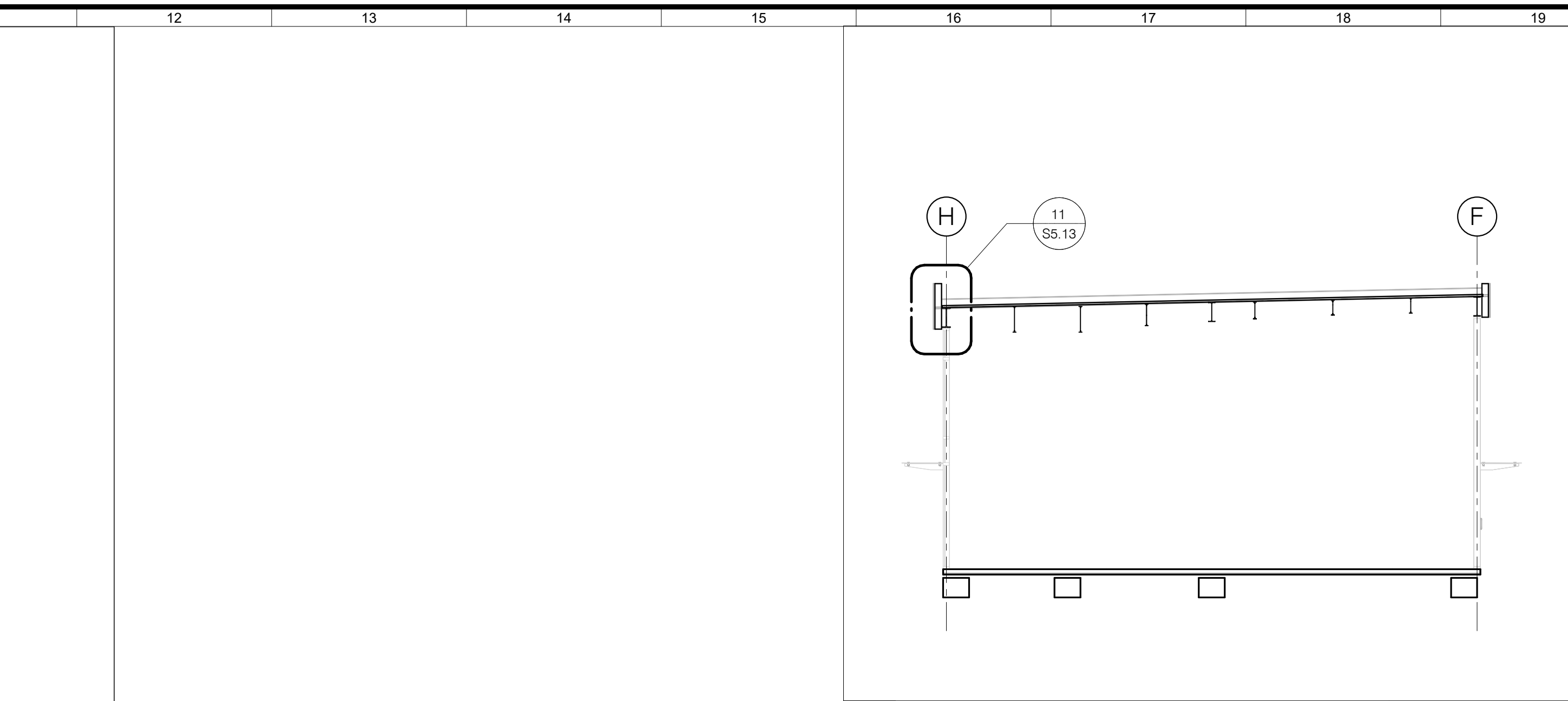
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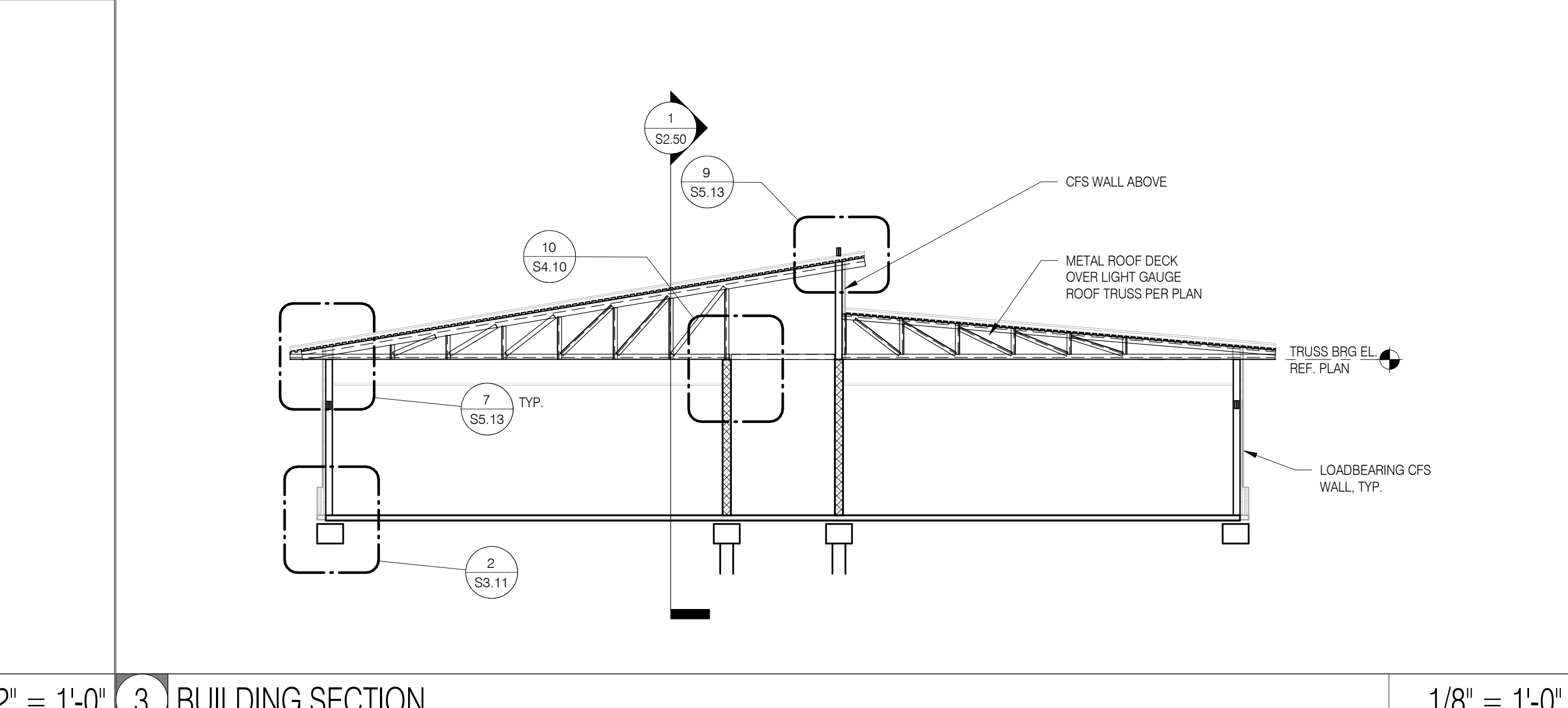
5 BUILDING SECTION - AREA B 1/8" = 1'-0"



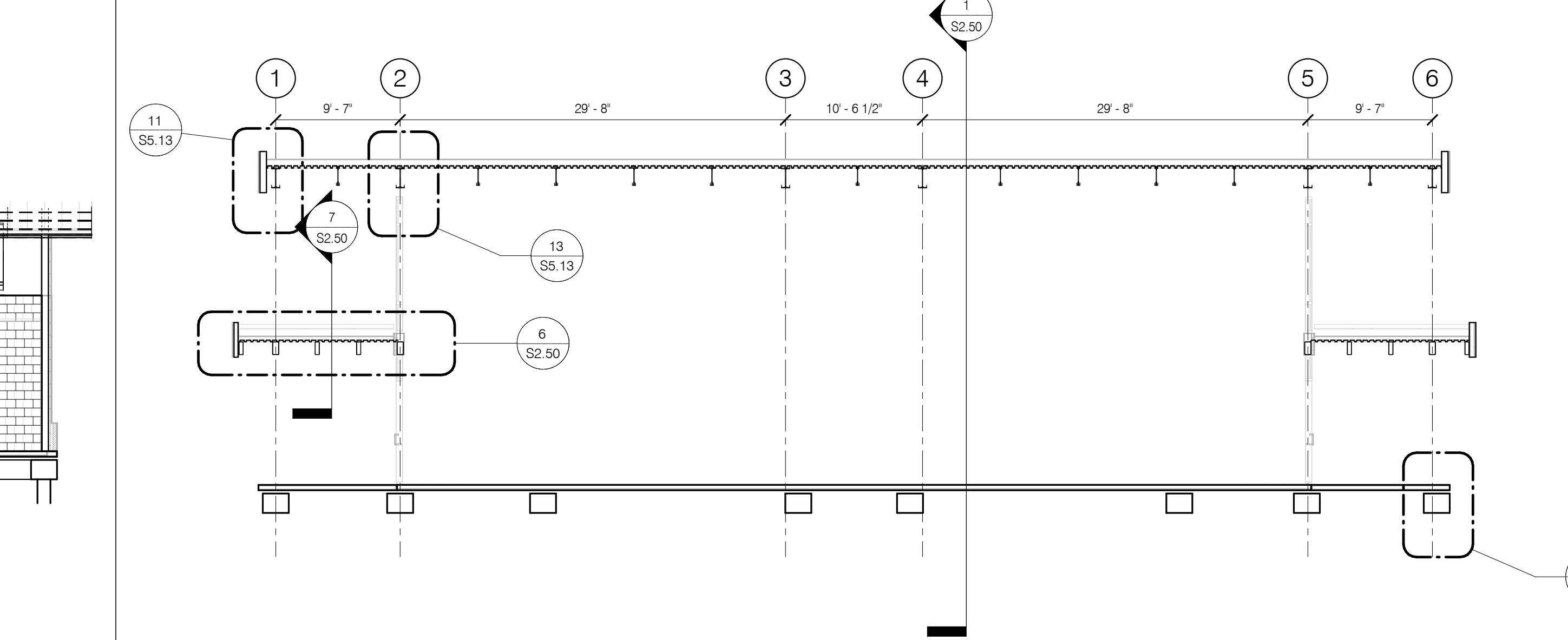
1 BUILDING SECTION - AREA A 1/8" = 1'-0"



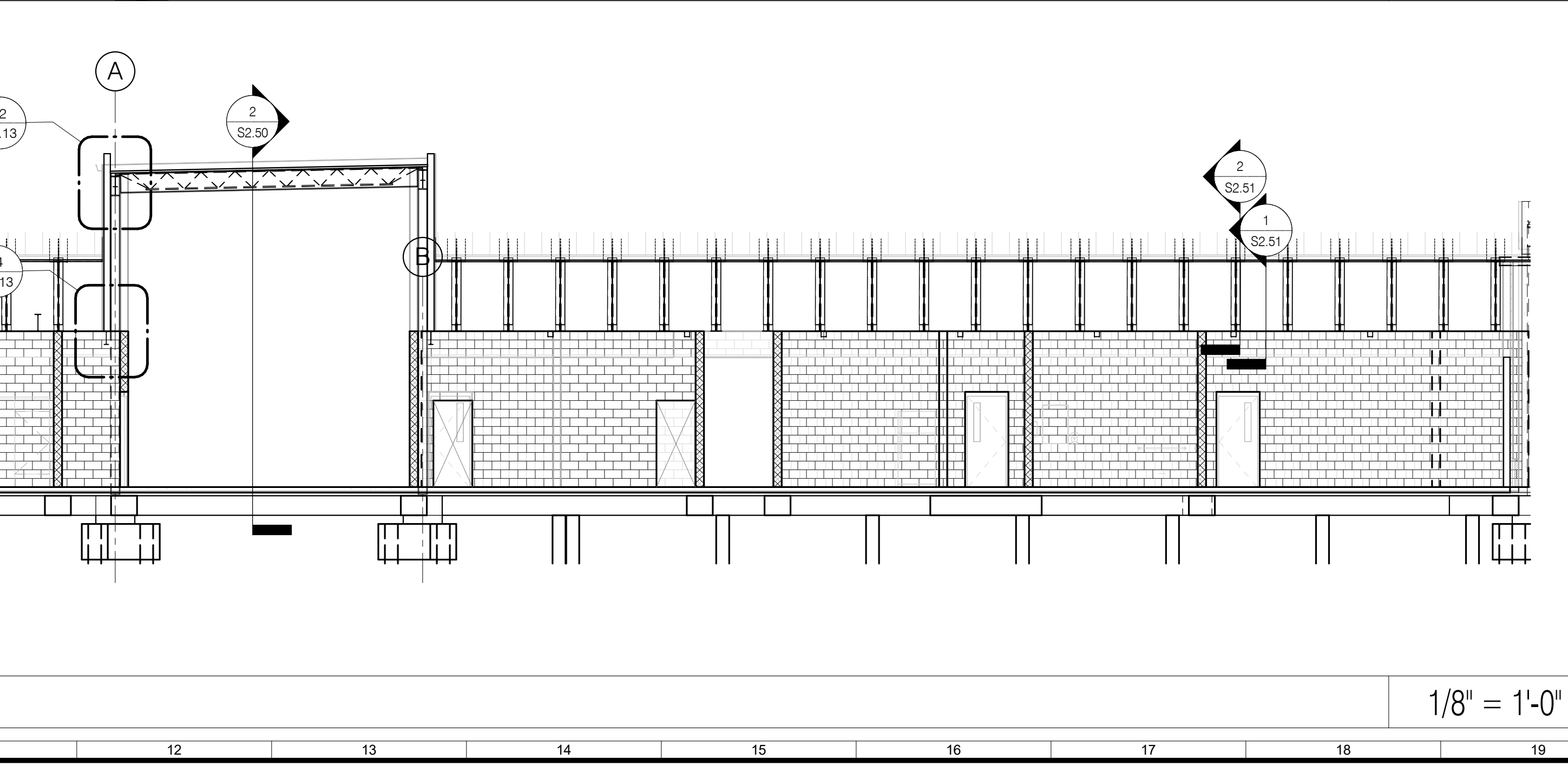
4 BUILDING SECTION - FLEX SPACE 1/8" = 1'-0"



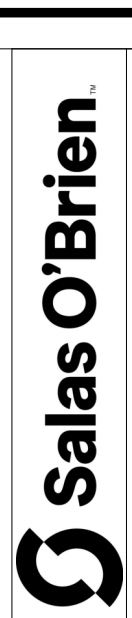
3 BUILDING SECTION 1/8" = 1'-0"



2 BUILDING SECTION - LOBBY 1/8" = 1'-0"



1 BUILDING SECTION - AREA A 1/8" = 1'-0"



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1001 St. Louis St.
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Project No.

DATE

DESCRIPTION

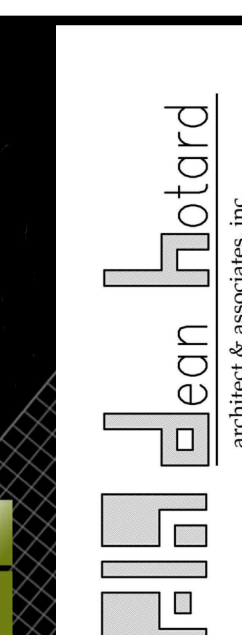
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LOUISIANA P.E. #038323
DATE: JULY 09, 2025

P.O. Box 213
Plaquemine, LA 70765



COHN MIDDLE SCHOOL ADDITION

SCHEMATIC DESIGN
805 14TH ST.
PORT ALLEN, LA 70767

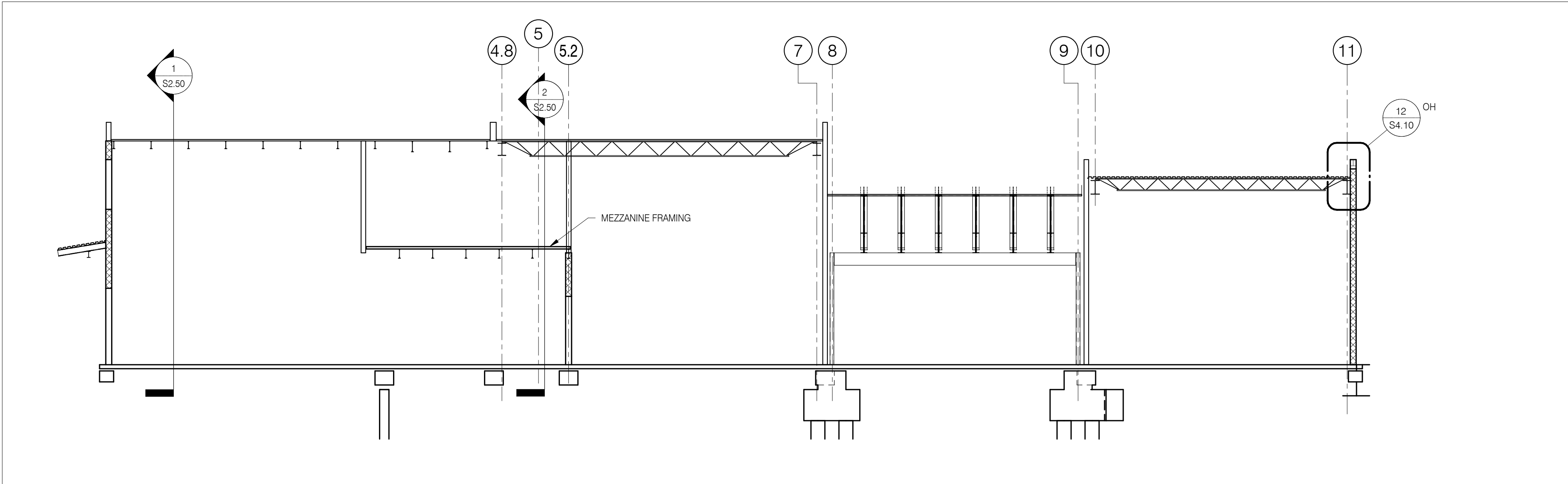
PROJECT NO: 64-002-24A
PHASE: PERMIT DRAWINGS
DATE: JULY 09, 2025
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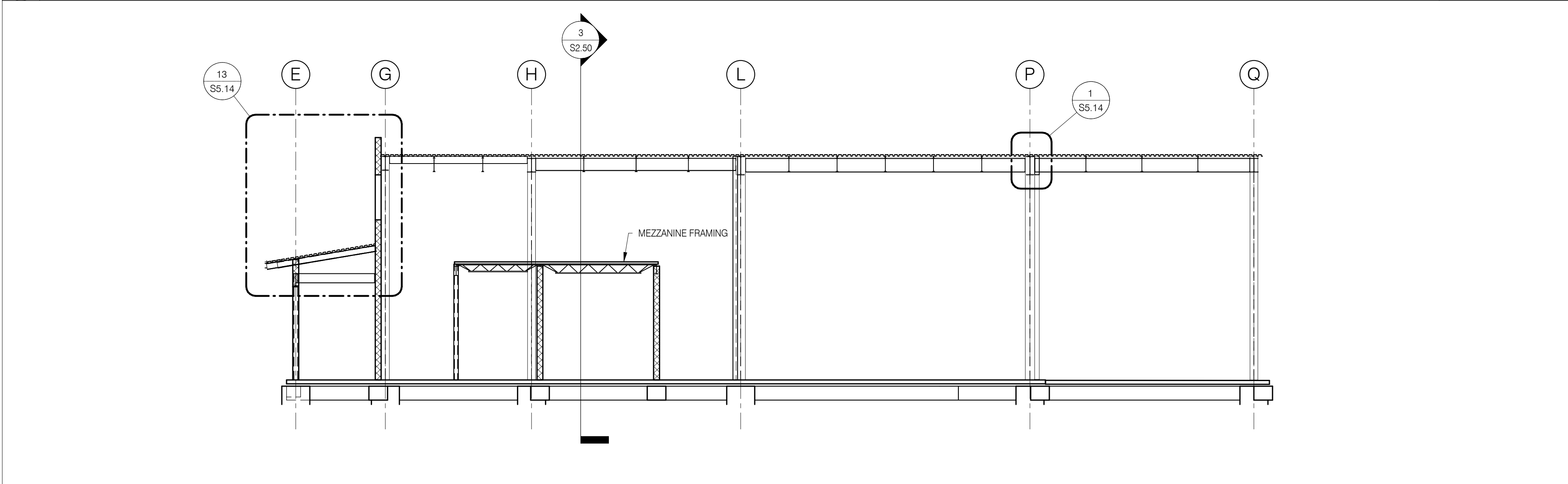
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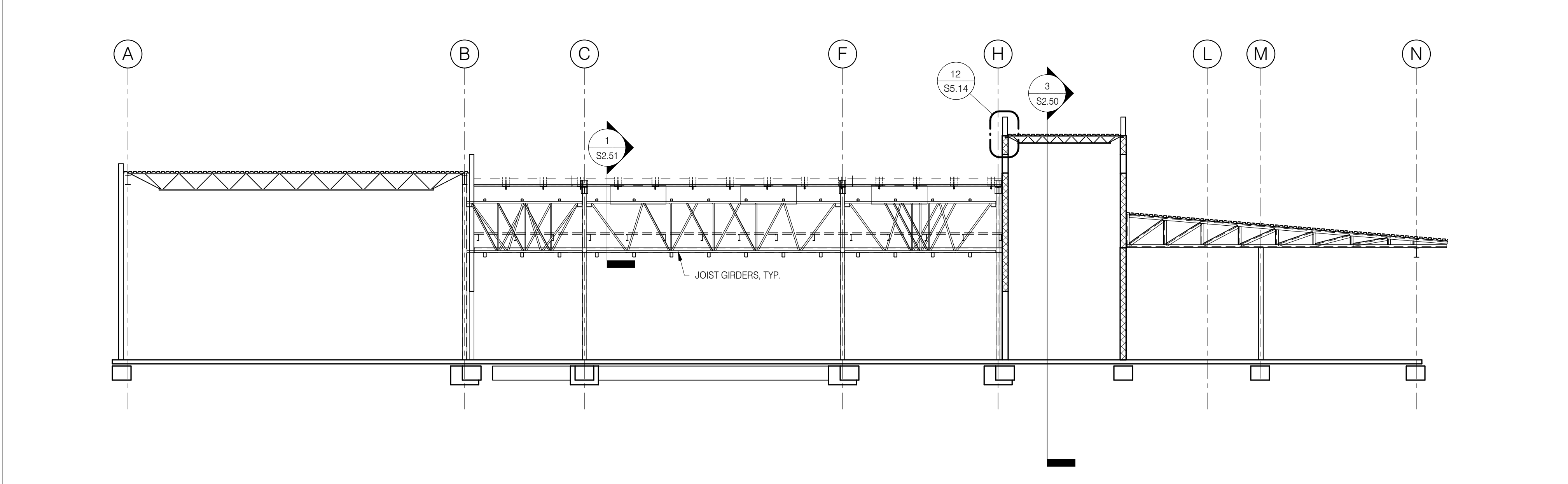
Autodesk Docs://Conn. Elementary Additions_64-002-244/Cohn Enrichment Addition - Structure - 624.rvt 7/9/2025 3:31:06 PM



3 BUILDING SECTION 1/8" = 1'-0"



2 BUILDING SECTION 1/8" = 1'-0"



1 BUILDING SECTION 1/8" = 1'-0"

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New Orleans, LA 70139
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Baton Rouge, LA
70785

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P.O. Box 213
Baton Rouge, LA
70785
lean notard
ARCHITECT & ASSOCIATES, LLC

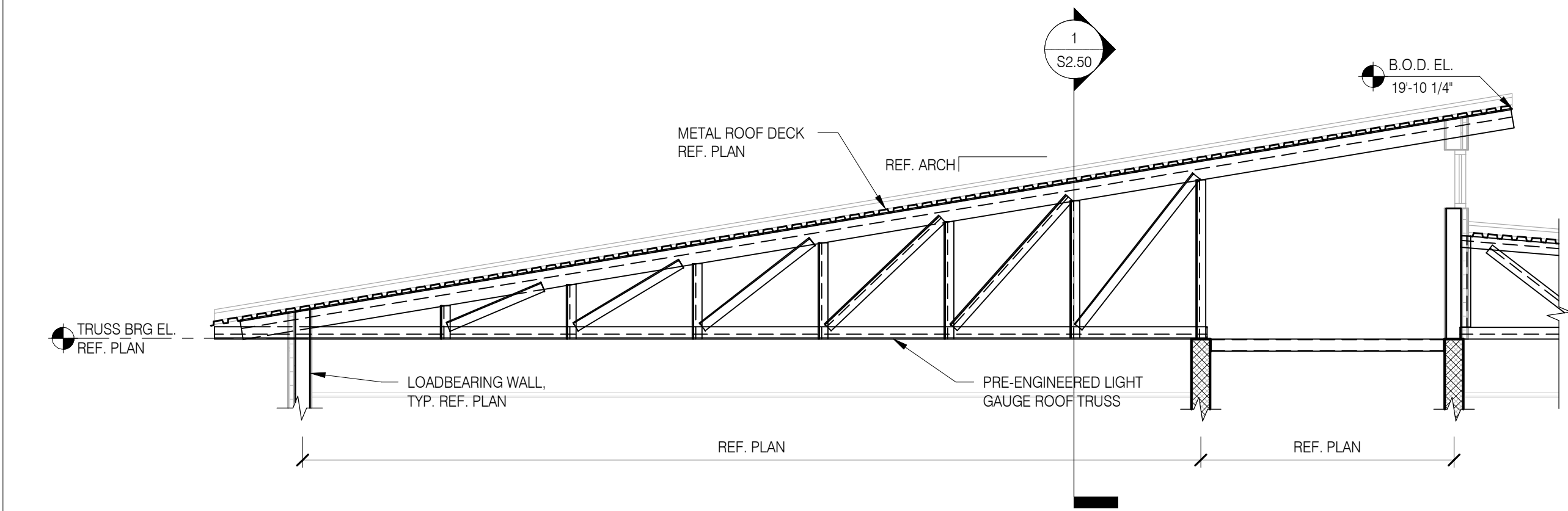
COHN ENRICHMENT ADDITION
PERMIT DRAWINGS
805 14TH ST.
PORT ALLEN, LA 70767

PROJECT NO:	64-002-24A
PHASE:	PERMIT DRAWINGS
DATE:	JULY 9, 2025
PROJECT ENGINEER:	BC
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of

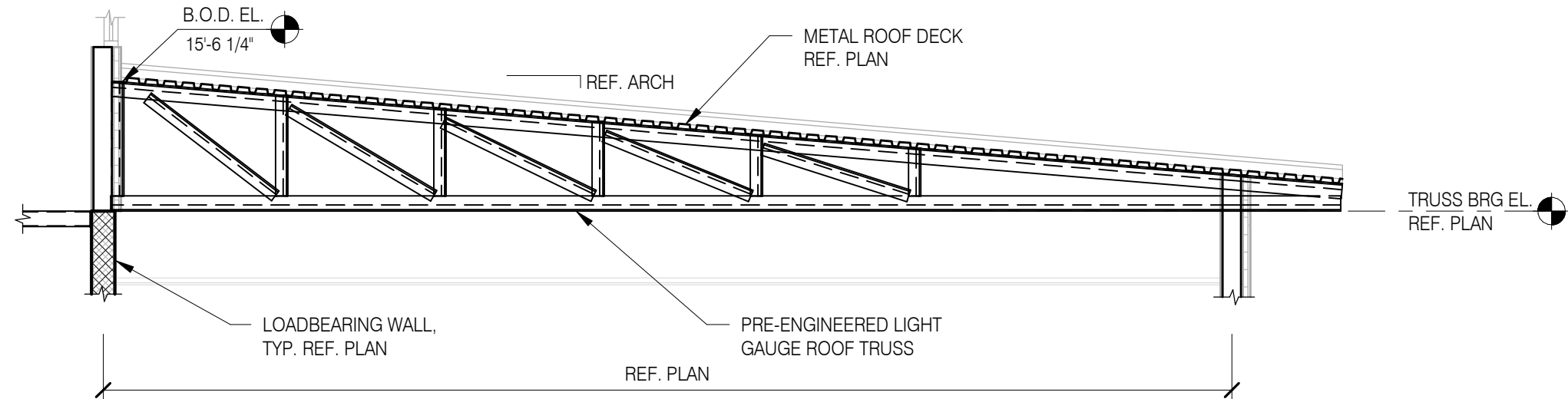
Autodesk Docs://Conn. Elementary Additions_64-002-244/Cohn_Middle_School_Addition - Structure - R24.rvt 7/9/2025 3:00:44 PM

- TRUSS DESIGNER NOTES:
1. DL TOP CHORD = 12 PSF
DL BOTTOM CHORD = 10 PSF
LL = 20 PSF
 2. NET UPLIFT TO BE PROVIDED IN THE CALCULATIONS PACKAGE
 3. TRUSS - TO - STRUCTURE CONNECTIONS TO BE PROVIDED BY THE TRUSS SUPPLIER U.N.O.
 4. TRUSS A 8 ANTICIPATED TOP CHORD DEPTH = 8"
TRUSS C ANTICIPATED TOP CHORD DEPTH = 4"



2 TRUSS B ELEVATION

1/4" = 1'-0"



1 TRUSS A ELEVATION

1/4" = 1'-0"

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John Notard
ARCHITECT & ASSOCIATES, LLC

COHN MIDDLE SCHOOL ADDITION

SCHEMATIC DESIGN
805 14TH ST.

PORT ALLEN, LA 70767

PROJECT NO: 64-002-24A
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DATE: JULY 09, 2025
PROJECT ENGINEER: BC

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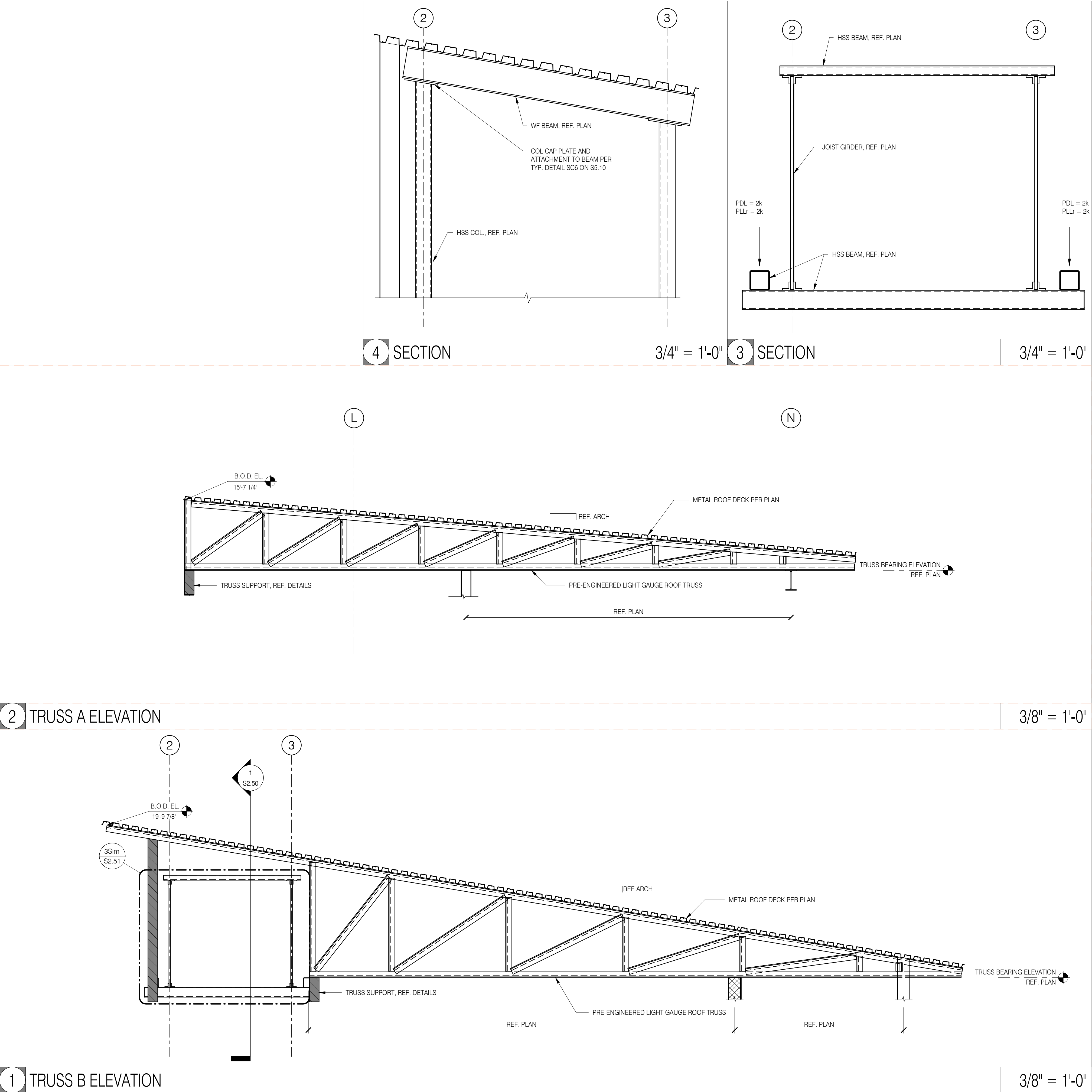
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TRUSS DESIGNER NOTES:
1. DL TOP CHORD = XX PSF
DL BOTTOM CHORD = X PSF
2. NET UPLIFT TO BE PROVIDED IN THE CALCULATIONS PACKAGE
3. TRUSS - TO - STRUCTURE CONNECTIONS TO BE PROVIDED BY THE TRUSS SUPPLIER UNO.
4. TRUSS A & B ANTICIPATED TOP CHORD DEPTH = X"



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Jean Notard
ARCHITECT & ASSOCIATES, LLC

COHN ENRICHMENT ADDITION
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PORT ALLEN, LA 70767

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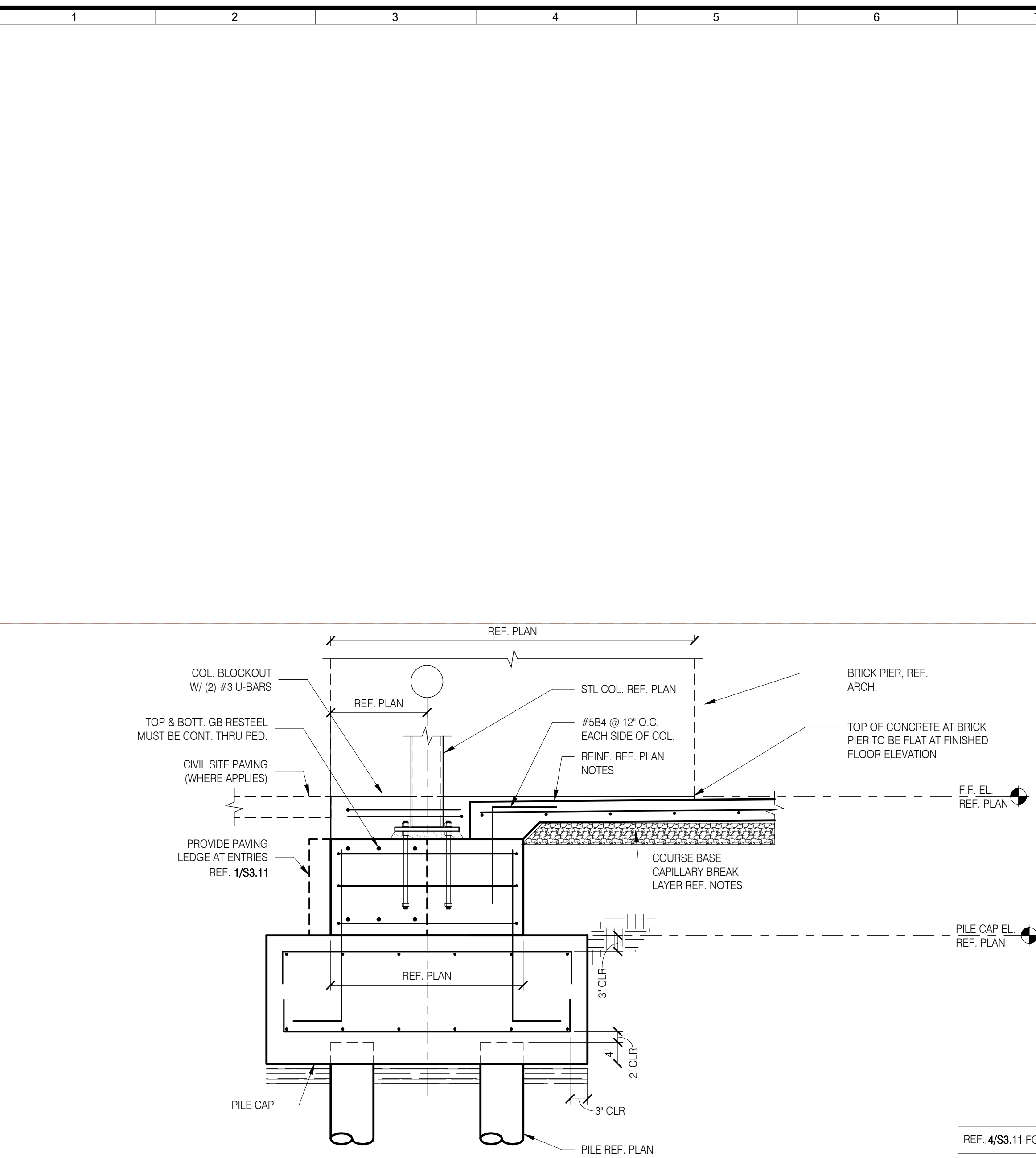
BBB ARCHITECTS, LLC

PJH Dean Hotard
architect & associates, inc.

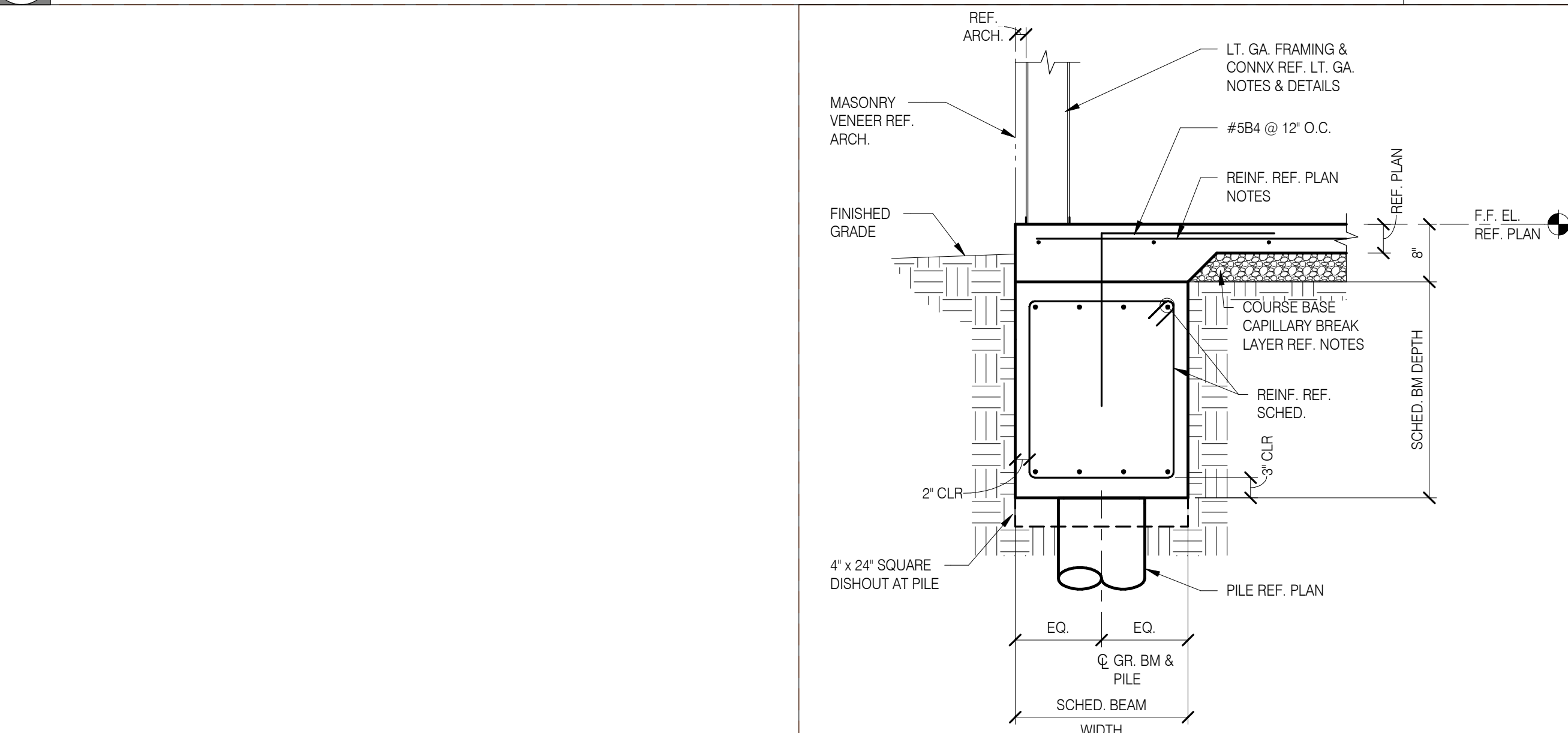
PERMIT DRAWINGS
805 14TH ST.
PORT ALLEN, LA 70767

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	PHASE:	PERMIT DRAWINGS
	DATE:	JULY 9, 2025
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	DRAWN BY:	YD

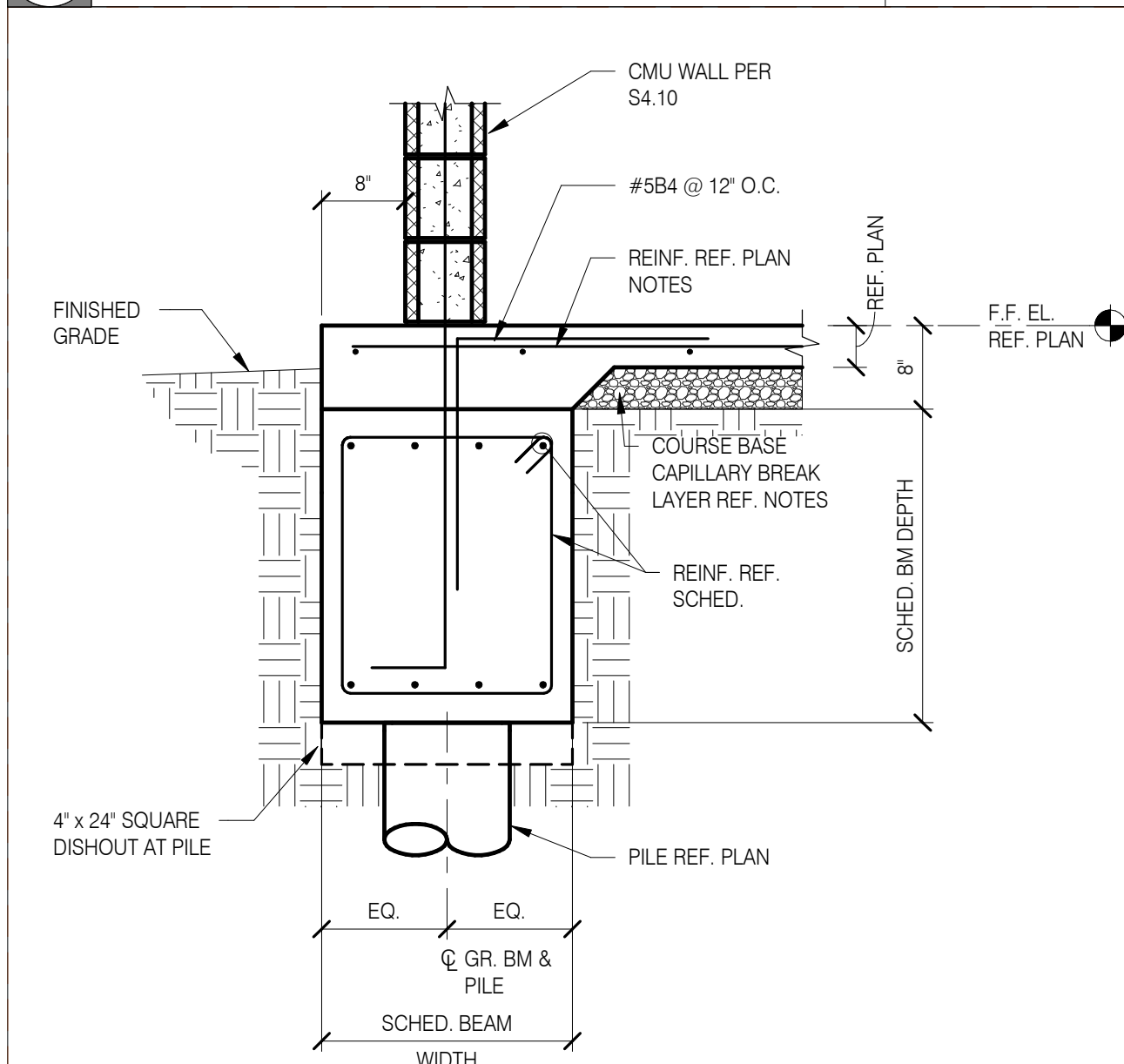
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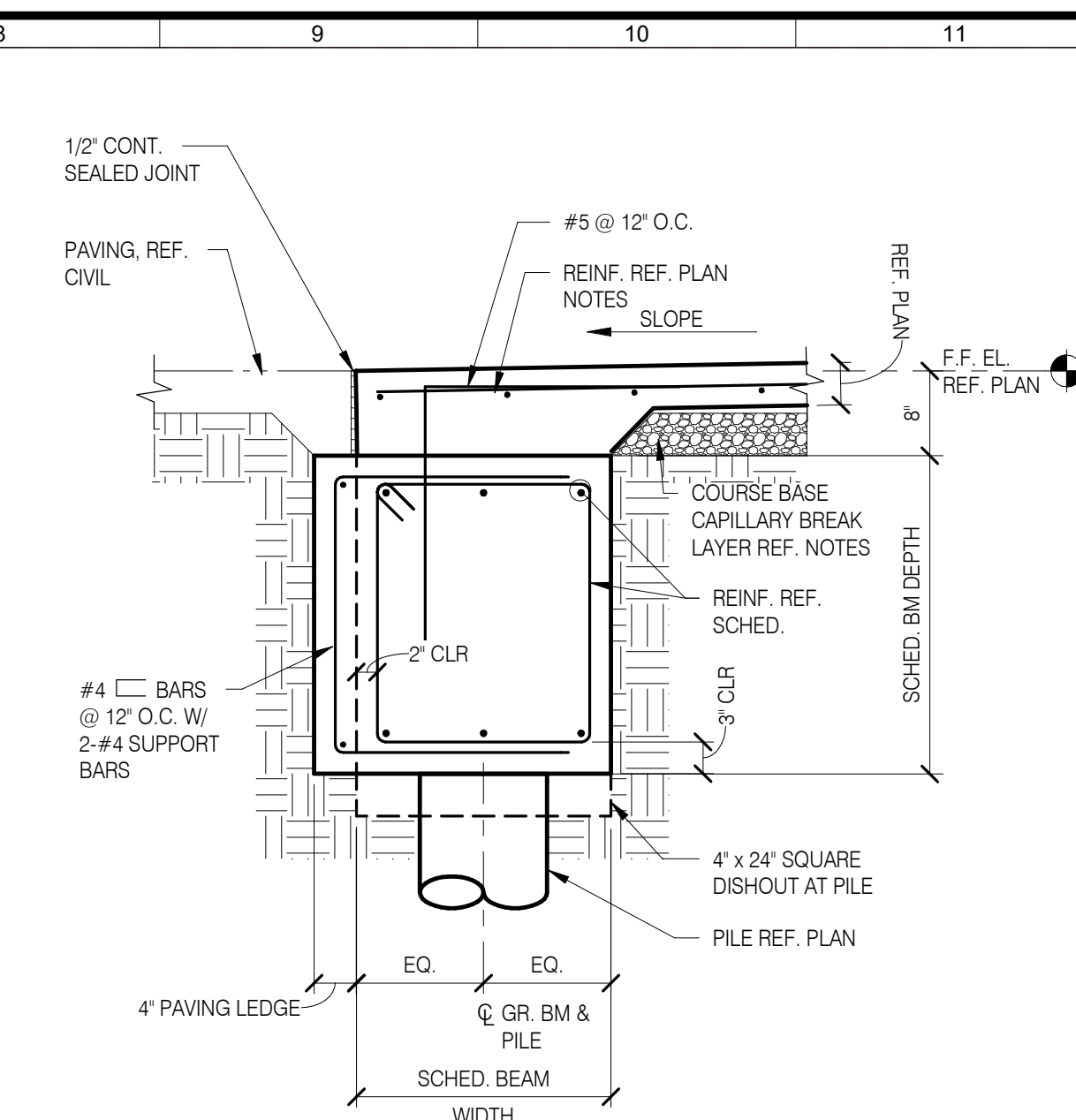
12 TYPICAL EXT. COL. @ BRICK PIER



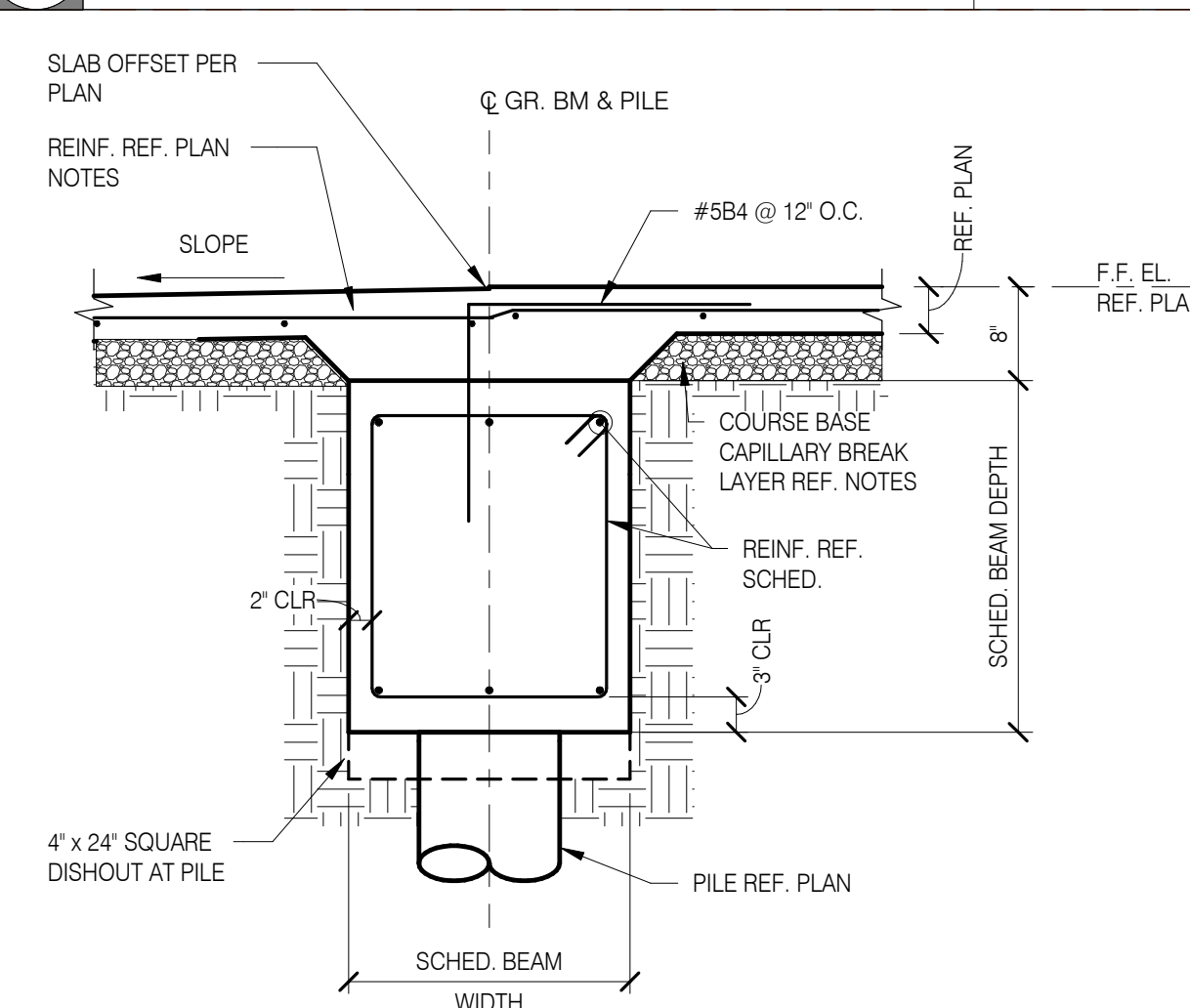
11 TYP. PERIM. GB AT CFS WALL



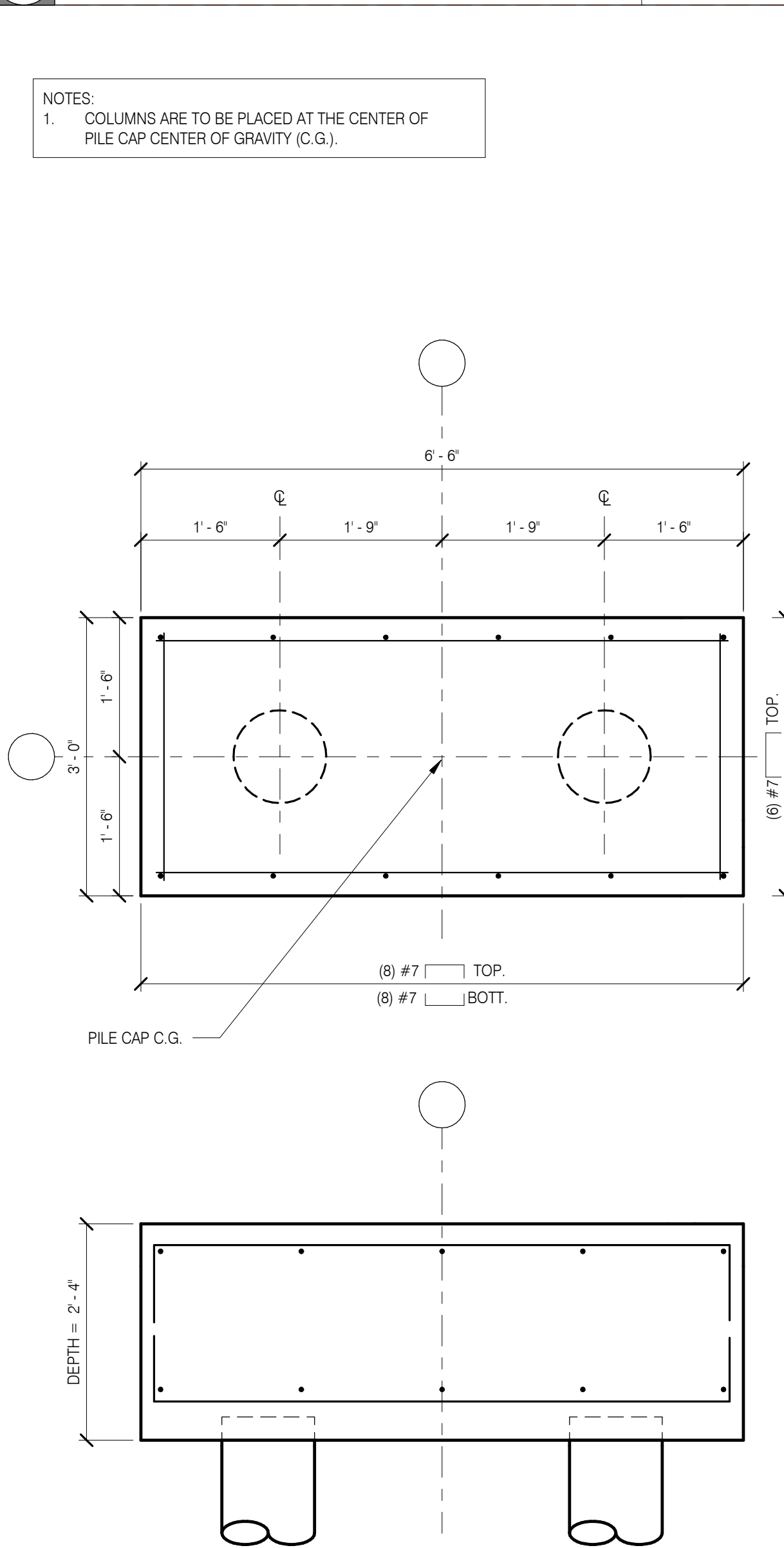
10 TYP. PERIM. GRADE BEAM AT CORR.



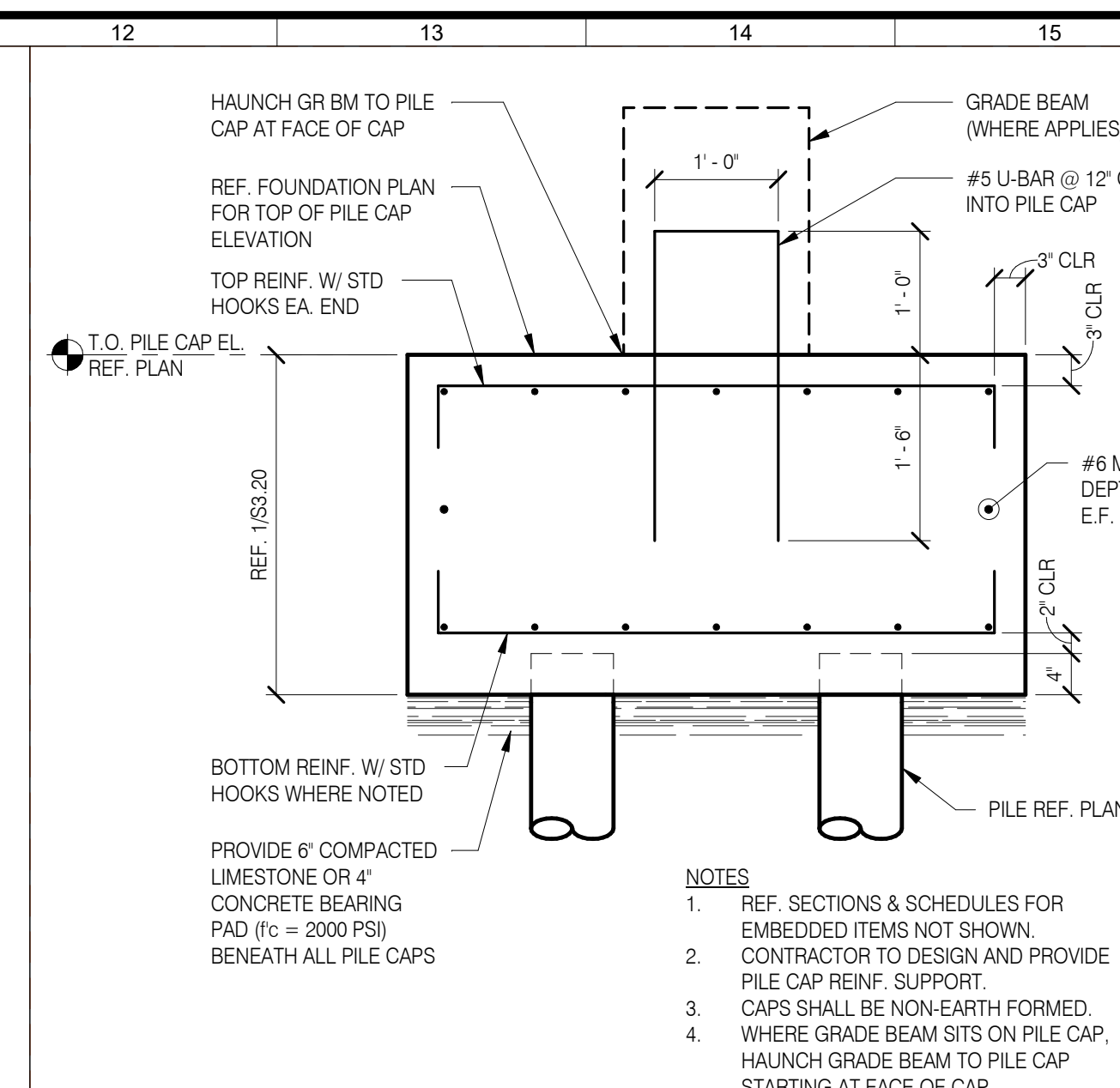
9 DETAIL AT EXT. SLAB



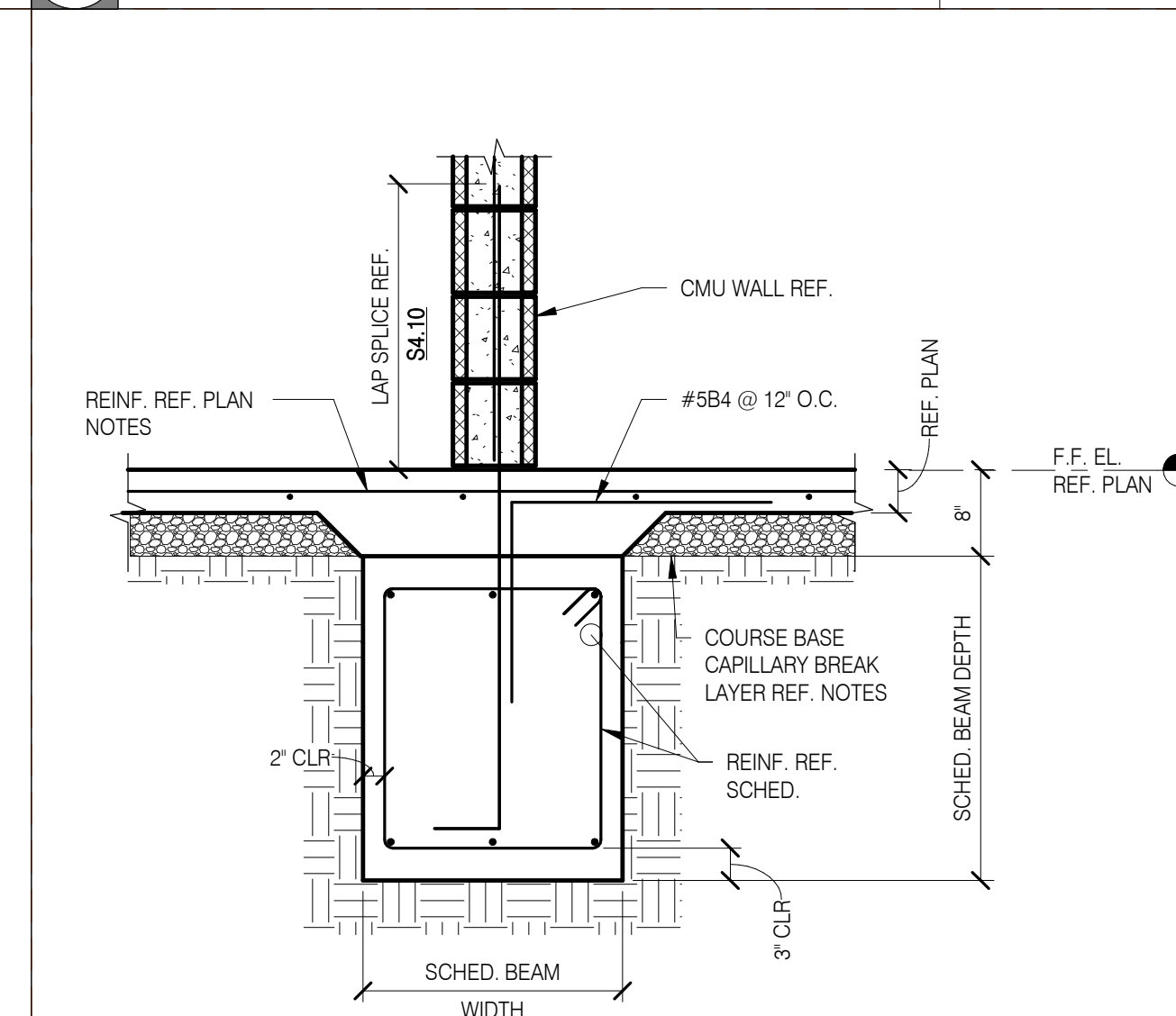
NTS 8 TYP. GRADE BEAM AT SLAB OFFSET



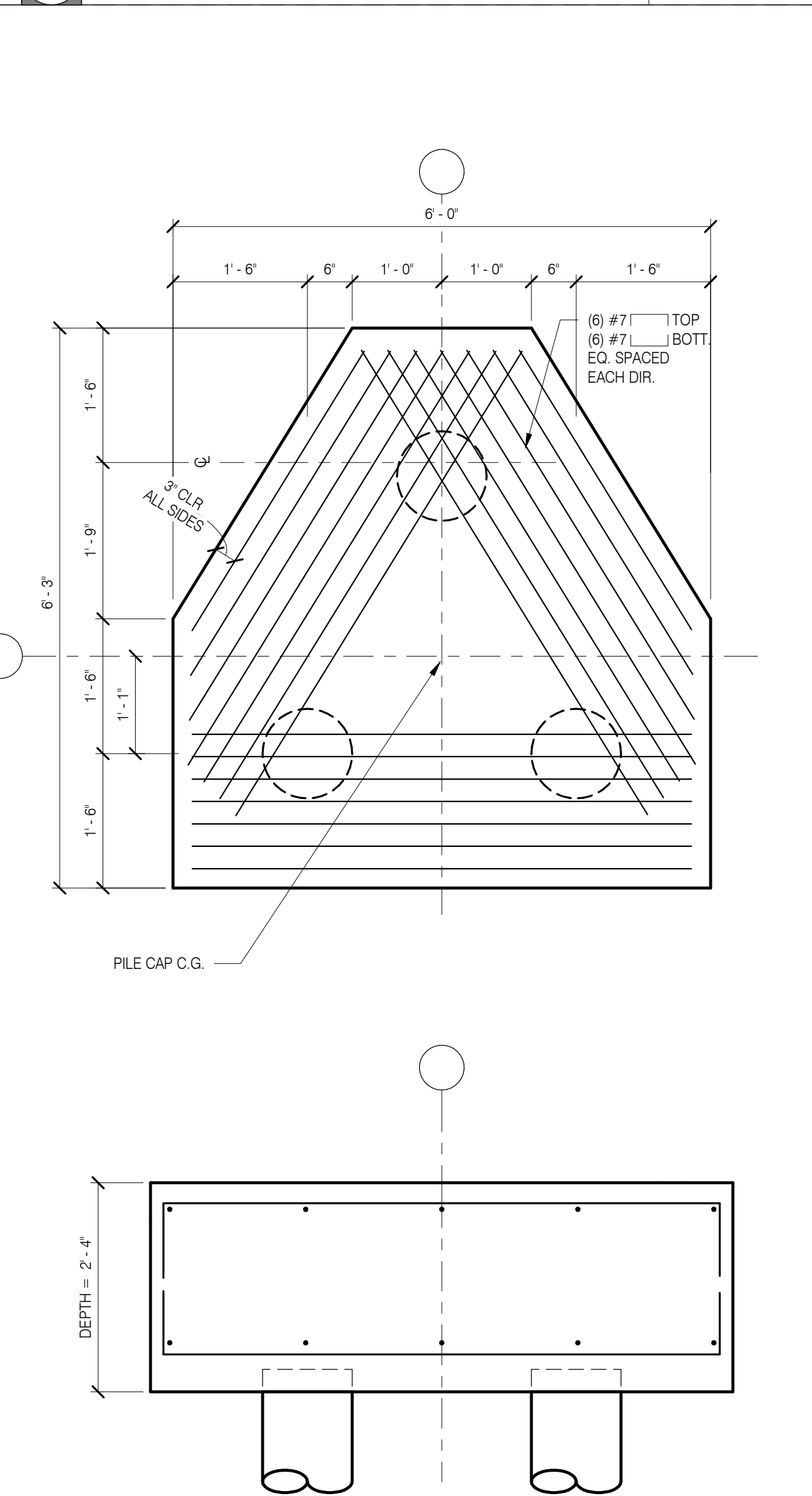
5 PILE CAP PLAN DETAILS



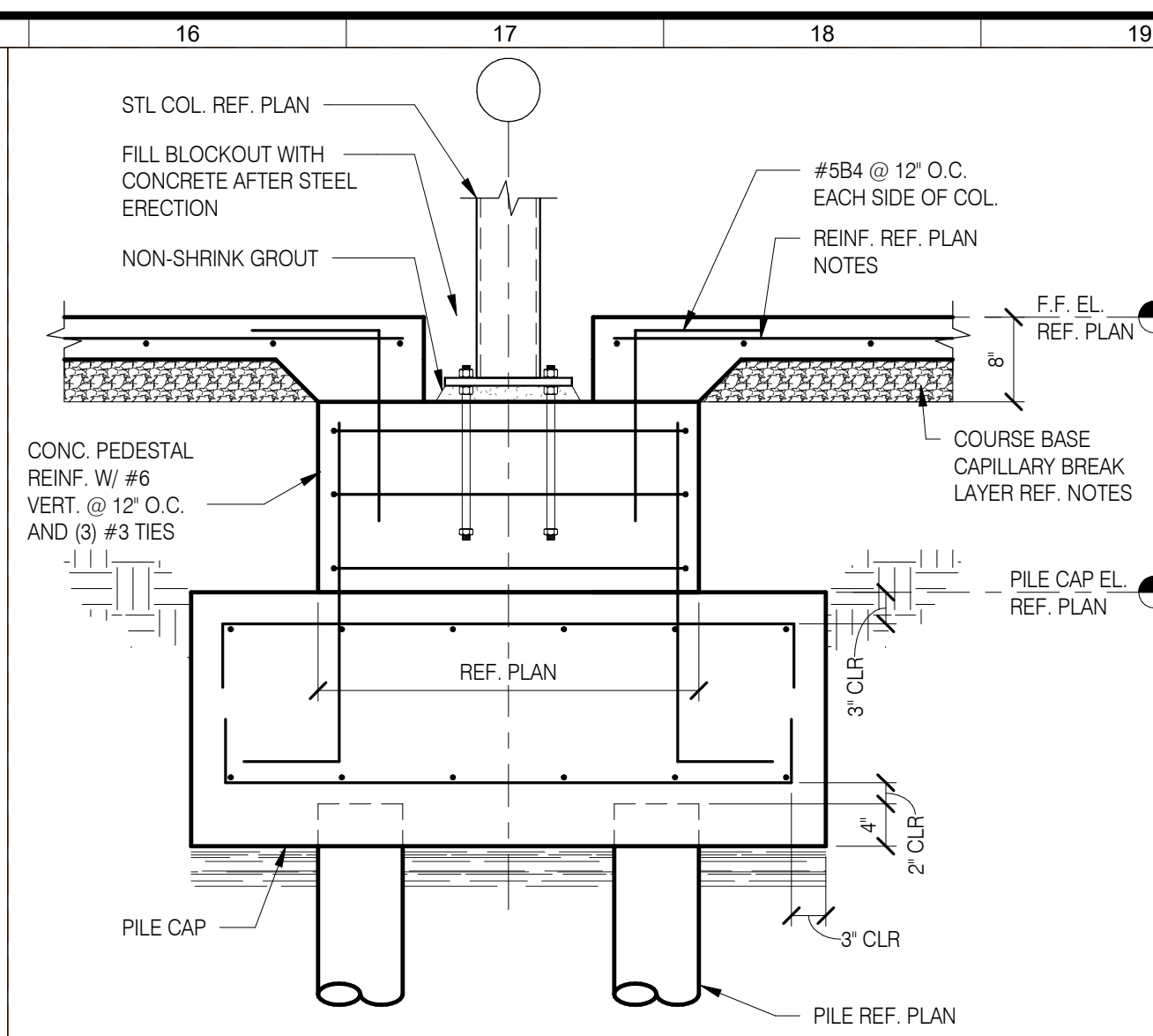
NTS 7 TYPICAL PILE CAP ELEVATION



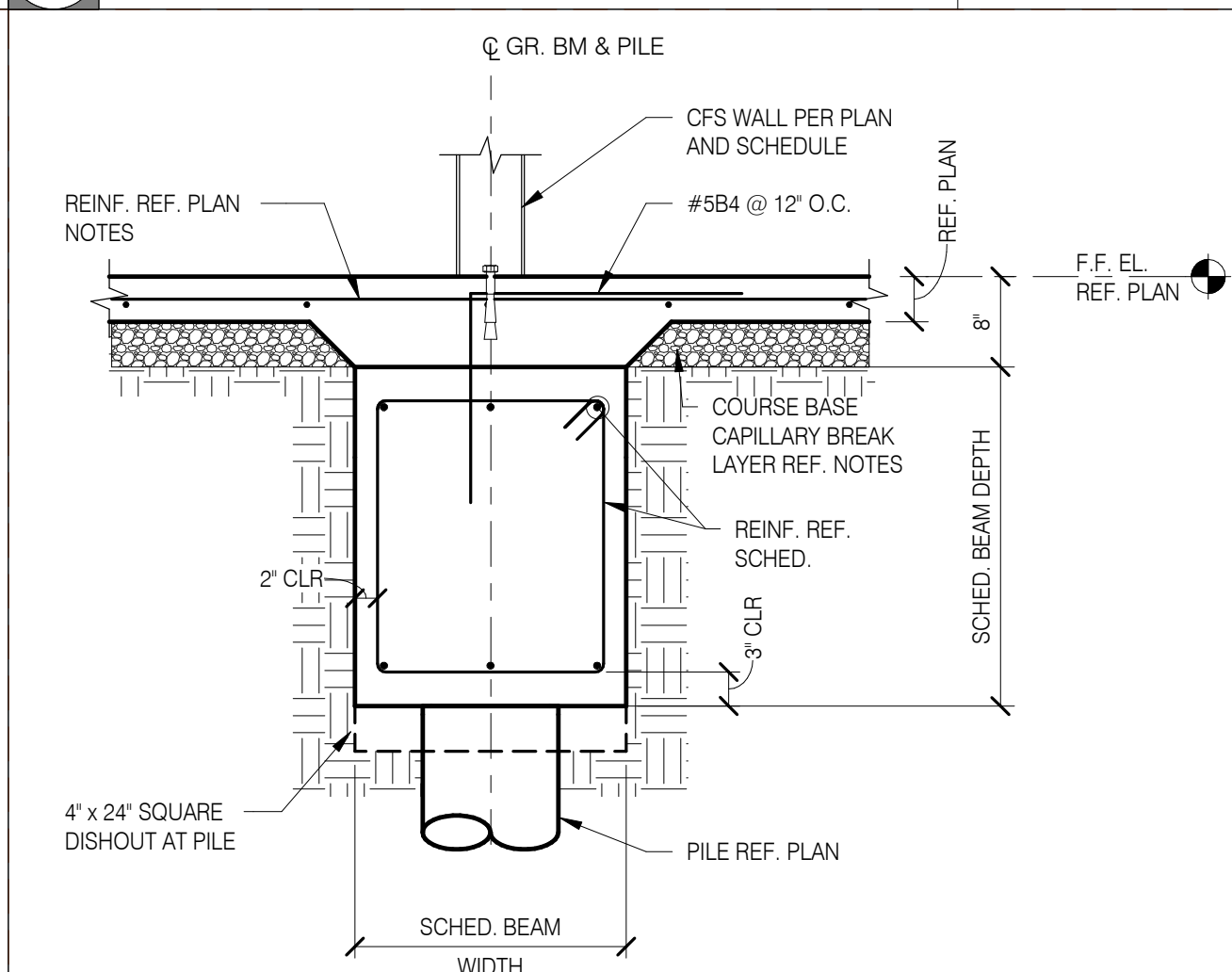
NTS 6 TYP. INTERIOR GR. BM @ CMU



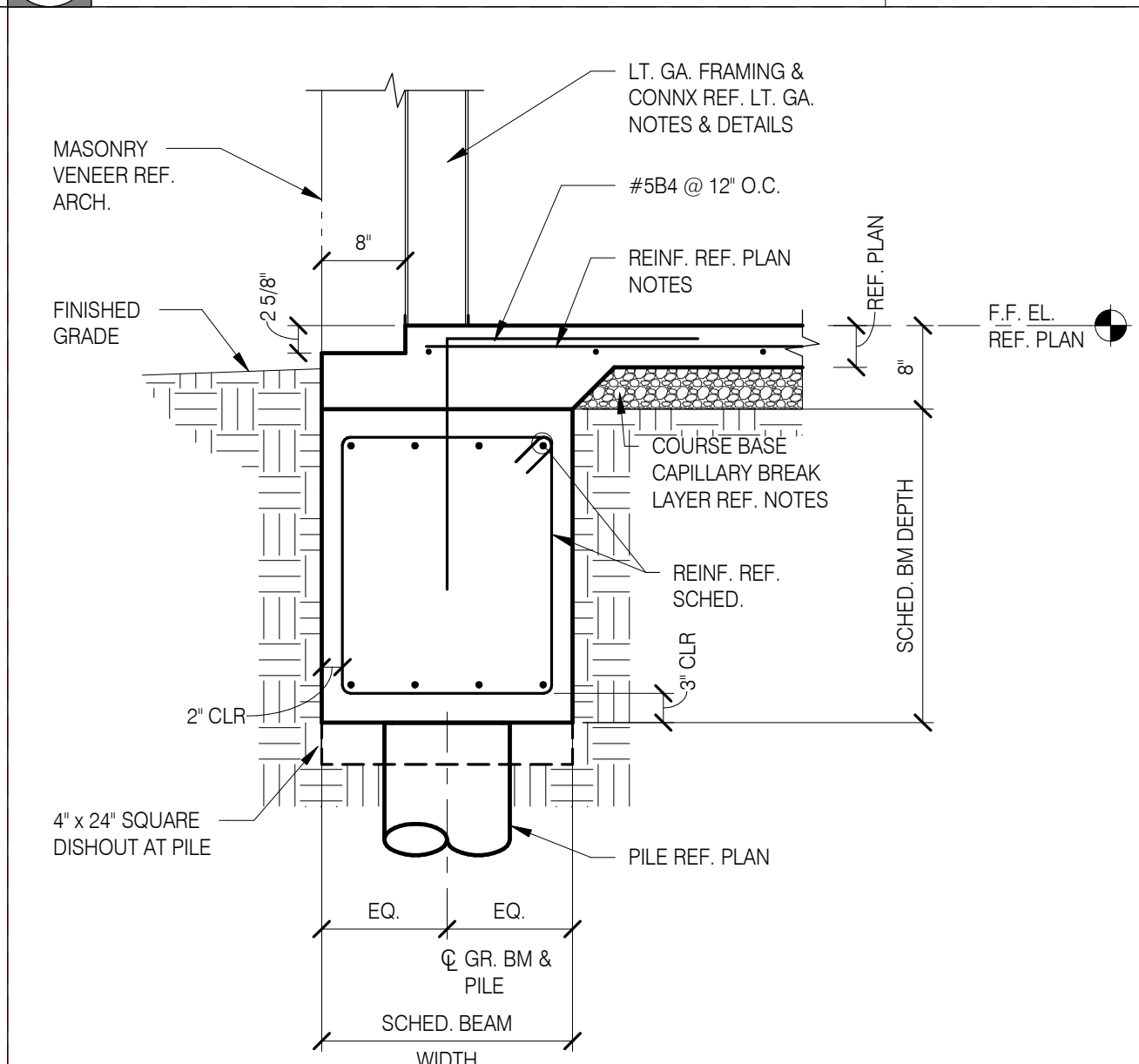
3P PLAN/SECTION



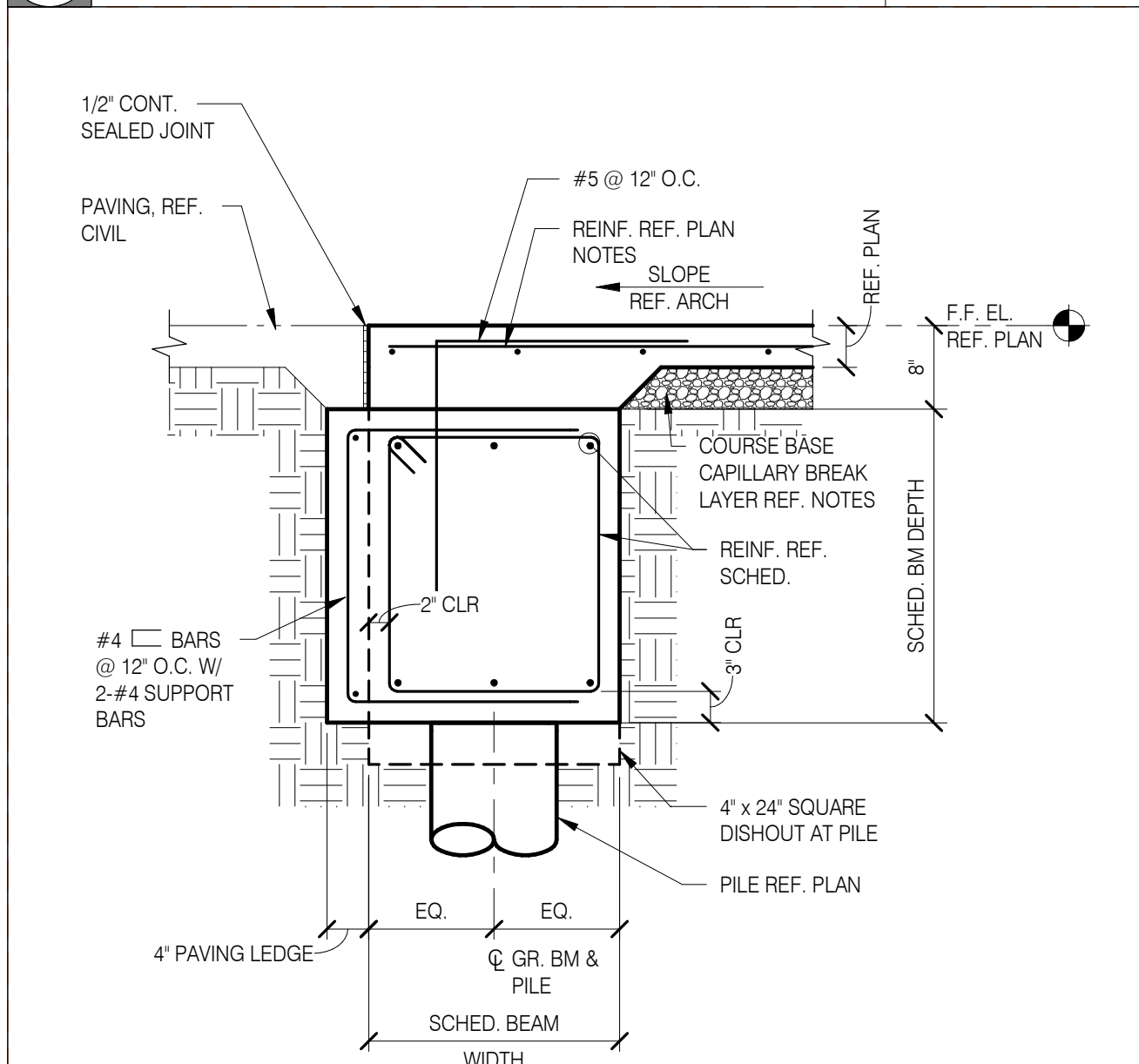
NTS 4 TYPICAL INTERIOR COLUMN



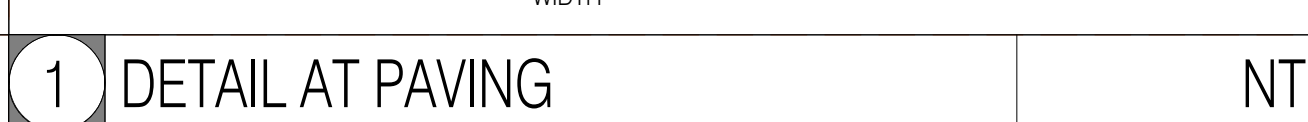
NTS 3 TYP. INTERIOR GRADE BEAM



2 TYP. PERIMETER GRADE BEAM



0" 1 DETAIL AT PAVING



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BCB ARCHITECTS, LLC
RHD Jean Hotard

	D	E	F
COHN MIDDLE SCHOOL ADDITION			

SCHEMATIC DESIGN

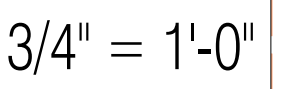
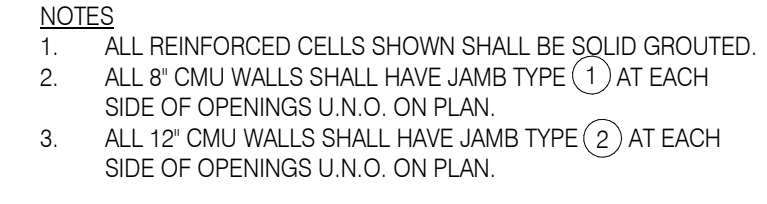
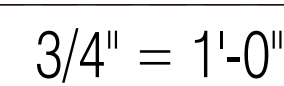
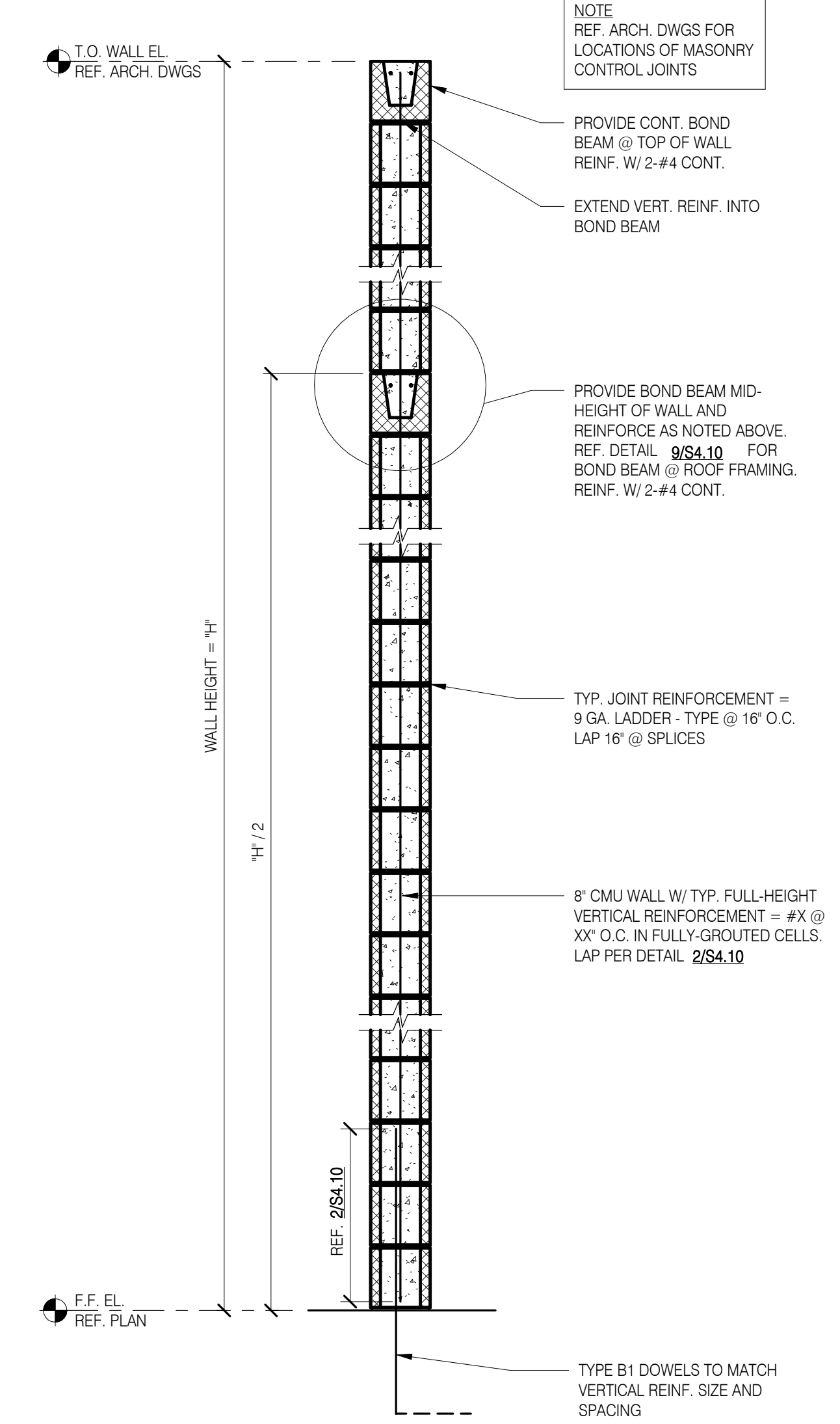
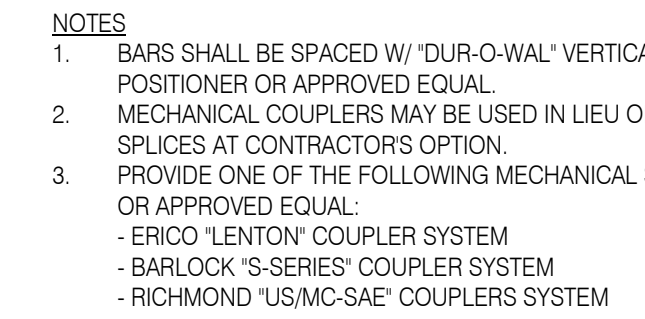
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	DATE:	JULY 09, 2025
	PROJECT ENGINEER:	BO
	DRAWN BY:	Author

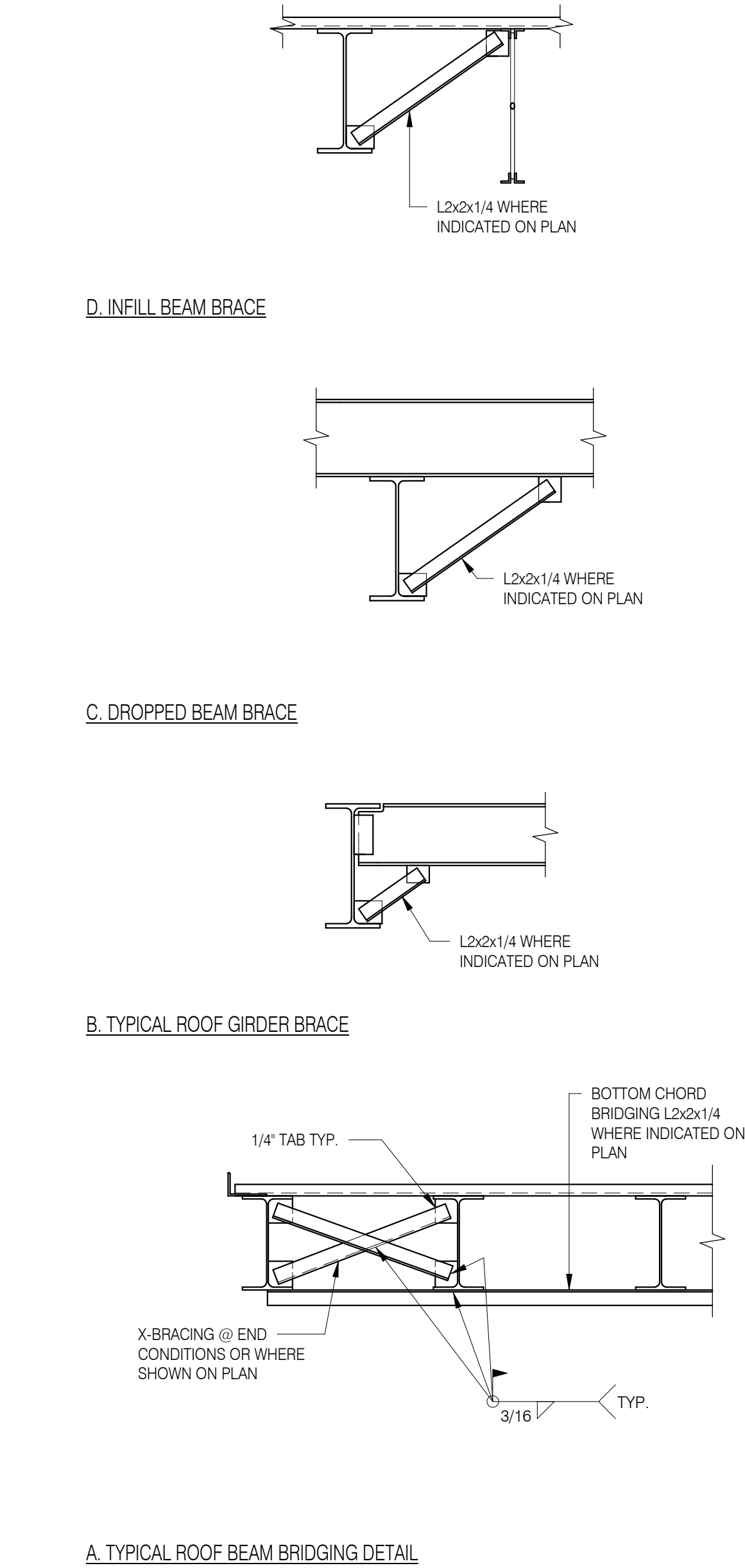
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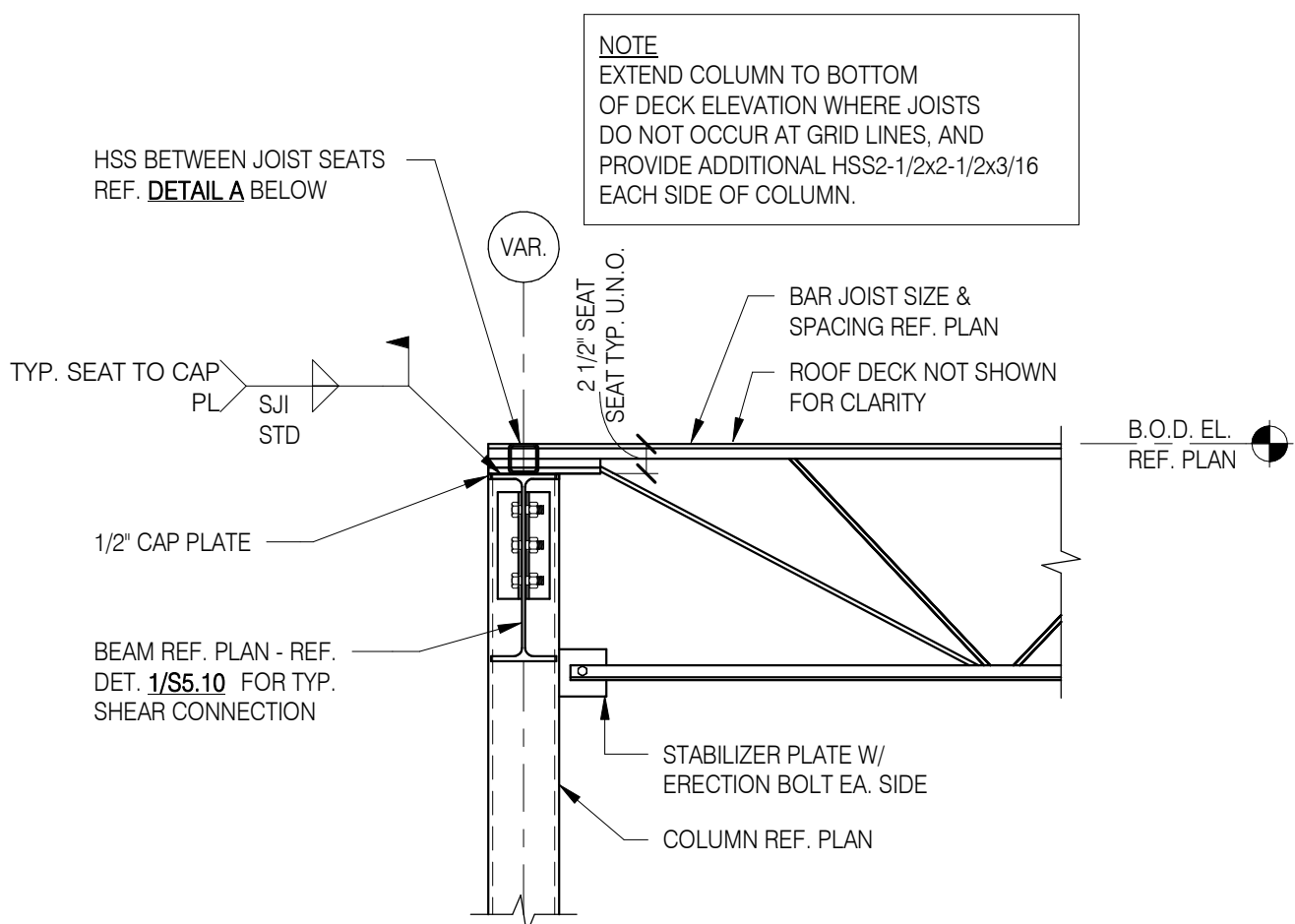
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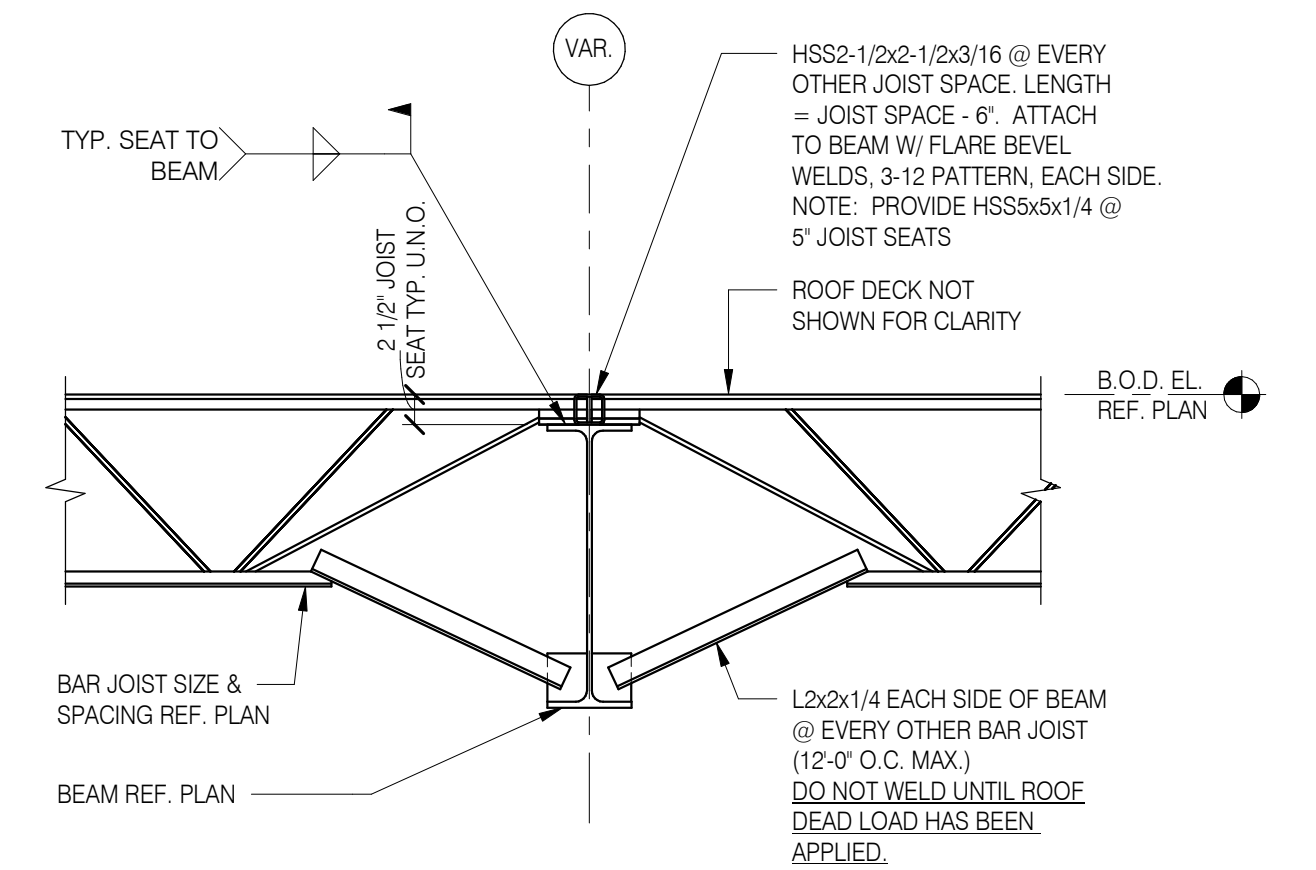
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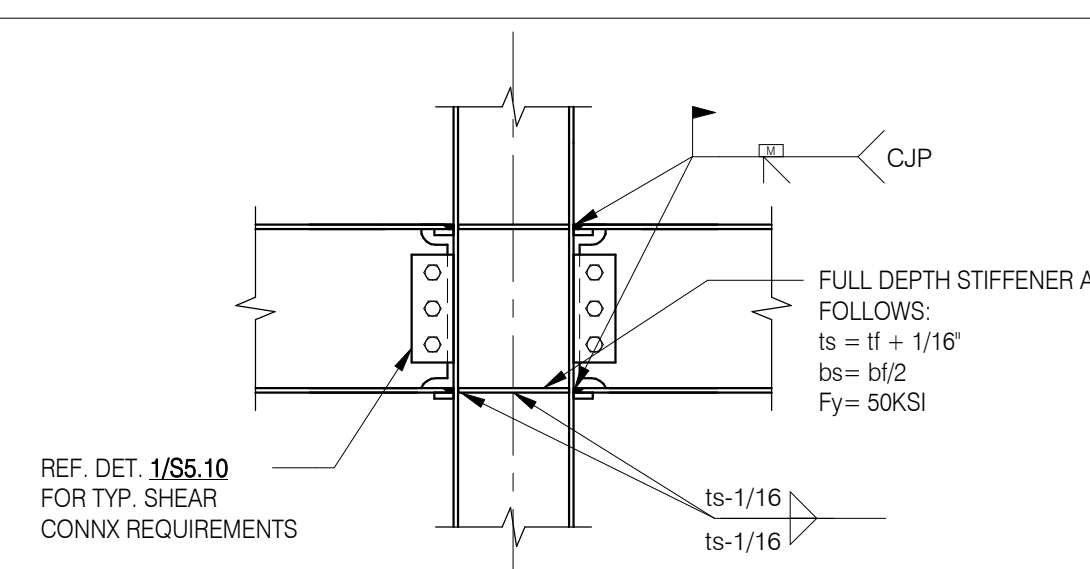
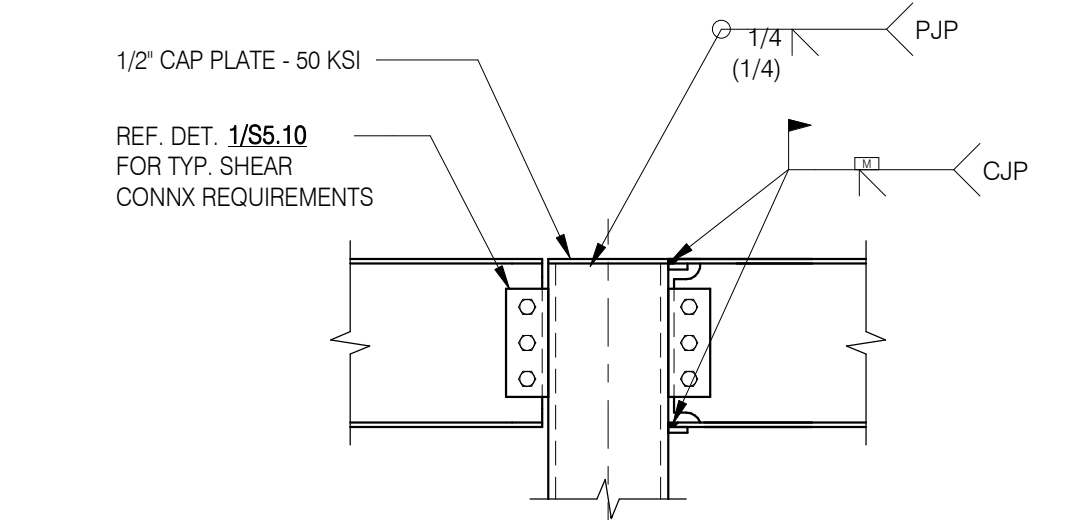
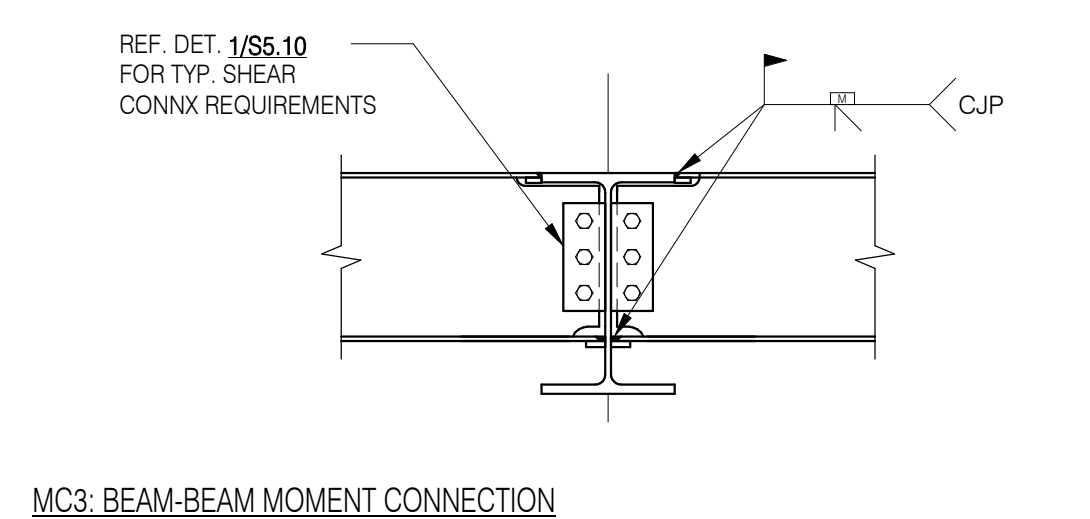
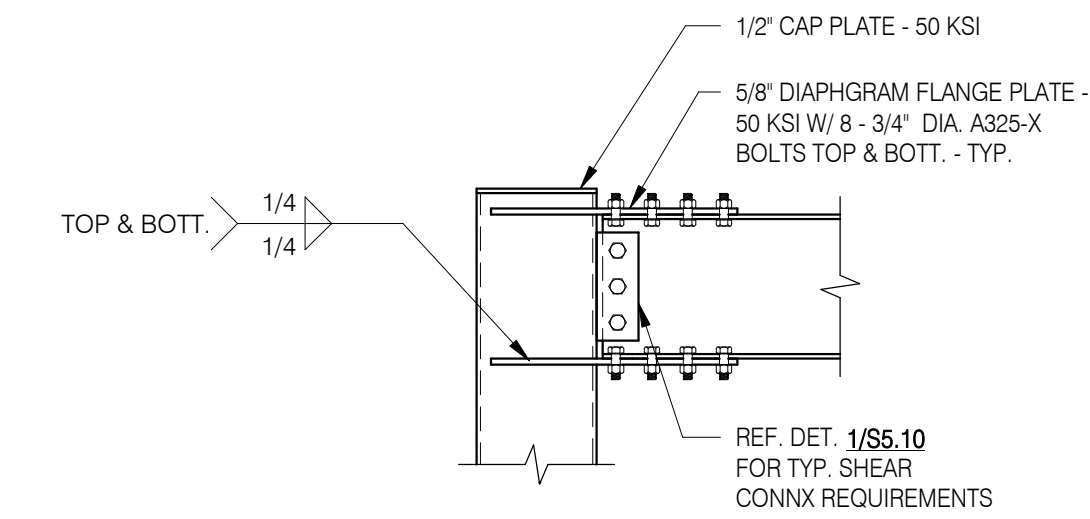
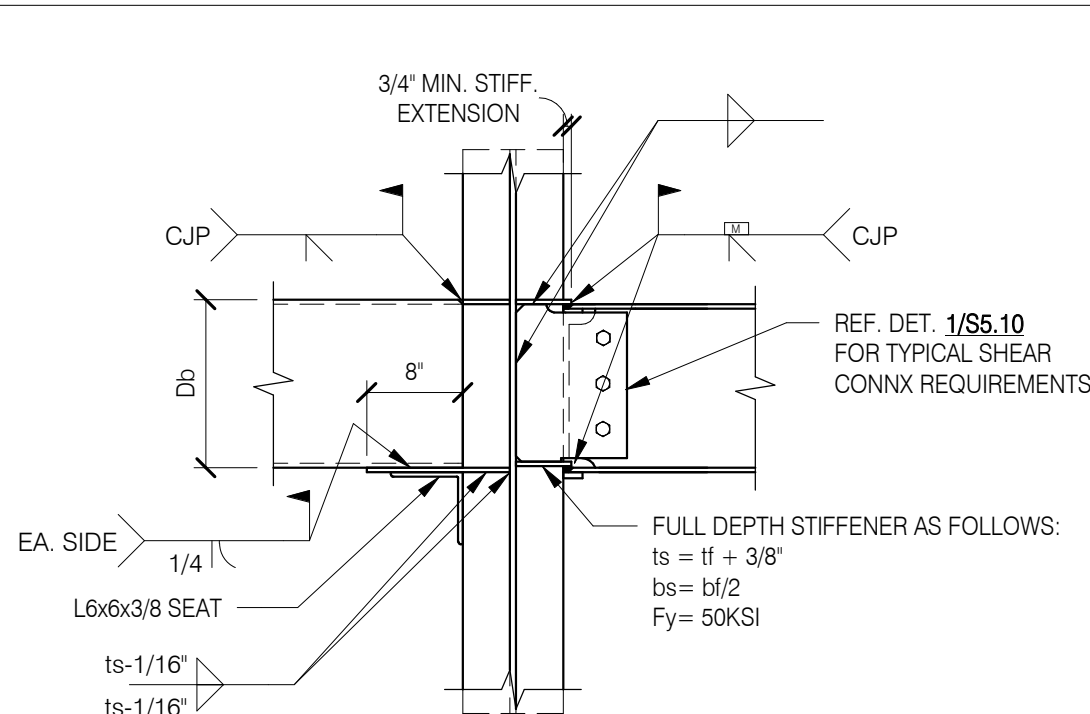
6 TYP. ROOF BEAM BRIDGING 3/4" = 1'-0"



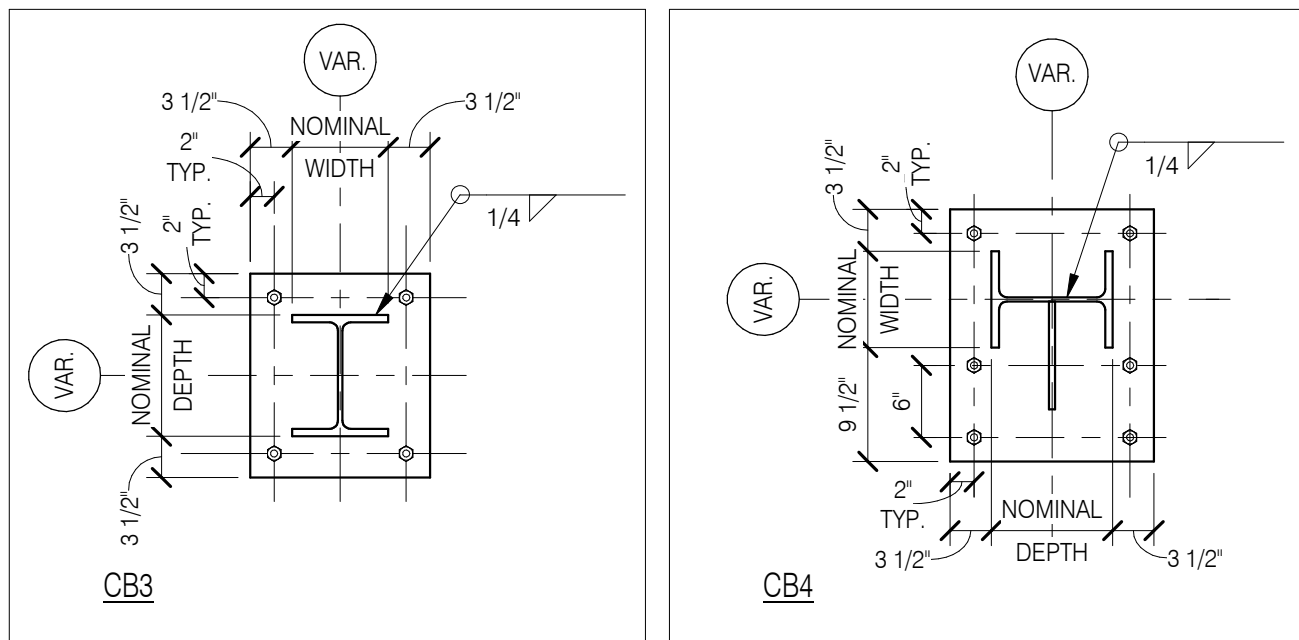
B. TYPICAL BAR JOIST TO PERIMETER COLUMN CONNECTION



5 TYP. BAR JOIST DETAILS 3/4" = 1'-0"

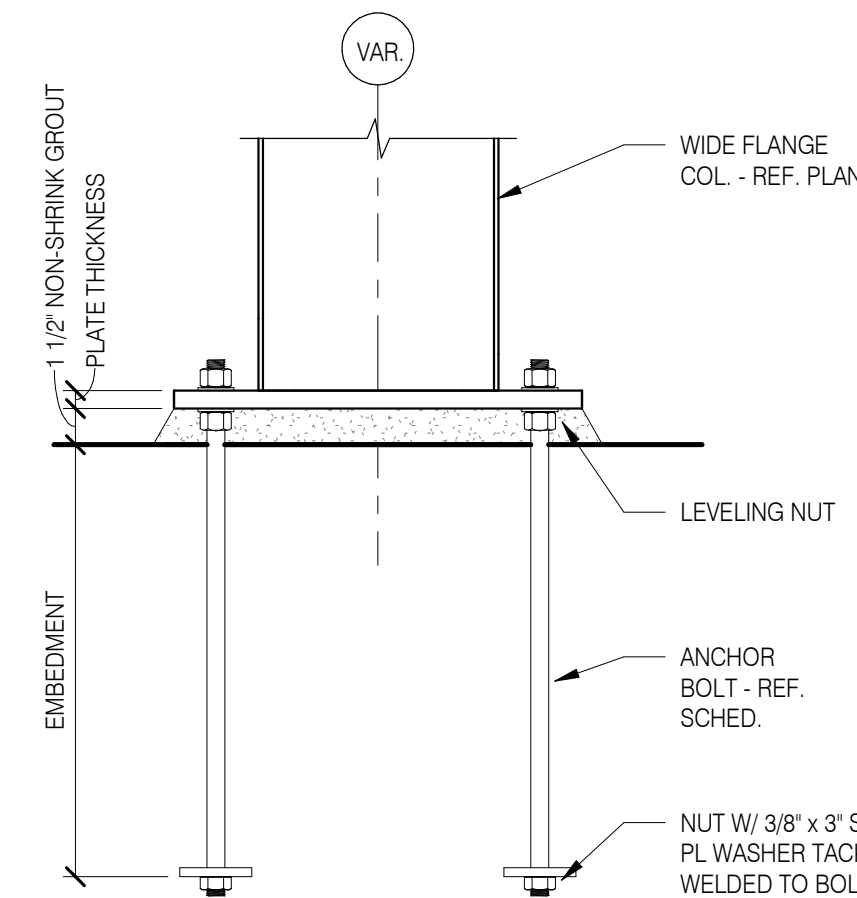


4 TYPICAL MOMENT CONNECTIONS

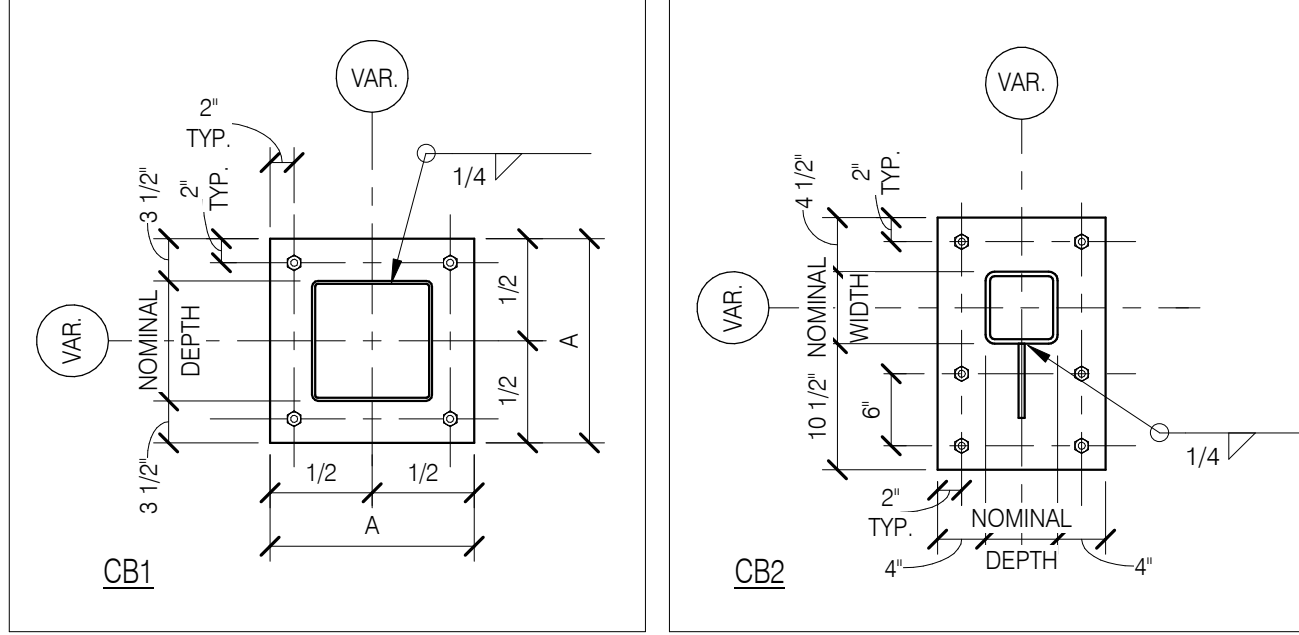


COLUMN BASEPLATE SCHEDULE				
BASEPLATE NAME	PLATE THICKNESS	BOLT DIAMETER	BOLT TYPE	EMBEDMENT
CB3:	3/4"	3/4"	STANDARD HEX	1' - 0"
CB4:	3/4"	1"	STANDARD HEX	1' - 6"

NOTES:
1. REF. GENERAL NOTES FOR PLATE GRADE AND BOLT SPECIFICATION.

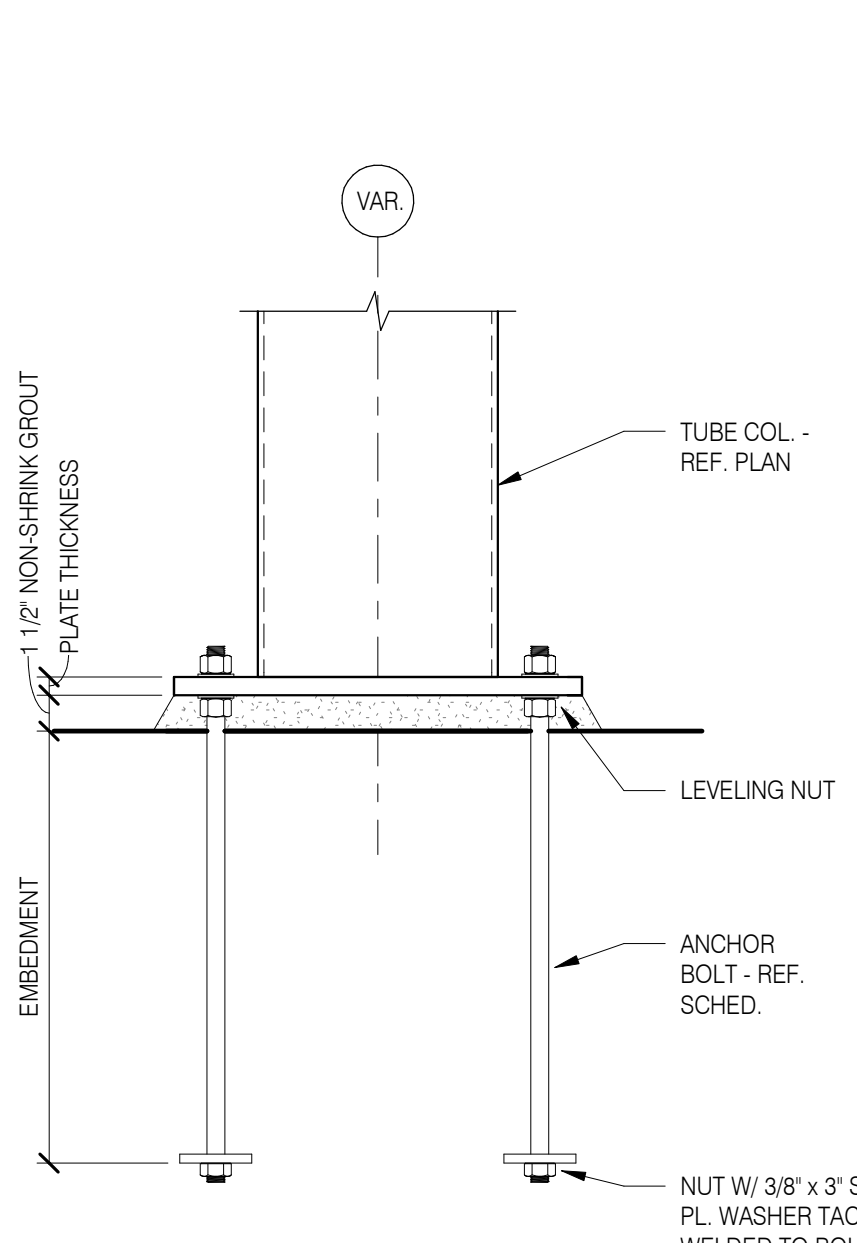


3 BASEPLATE AT WIDE FLANGE COL. NTS

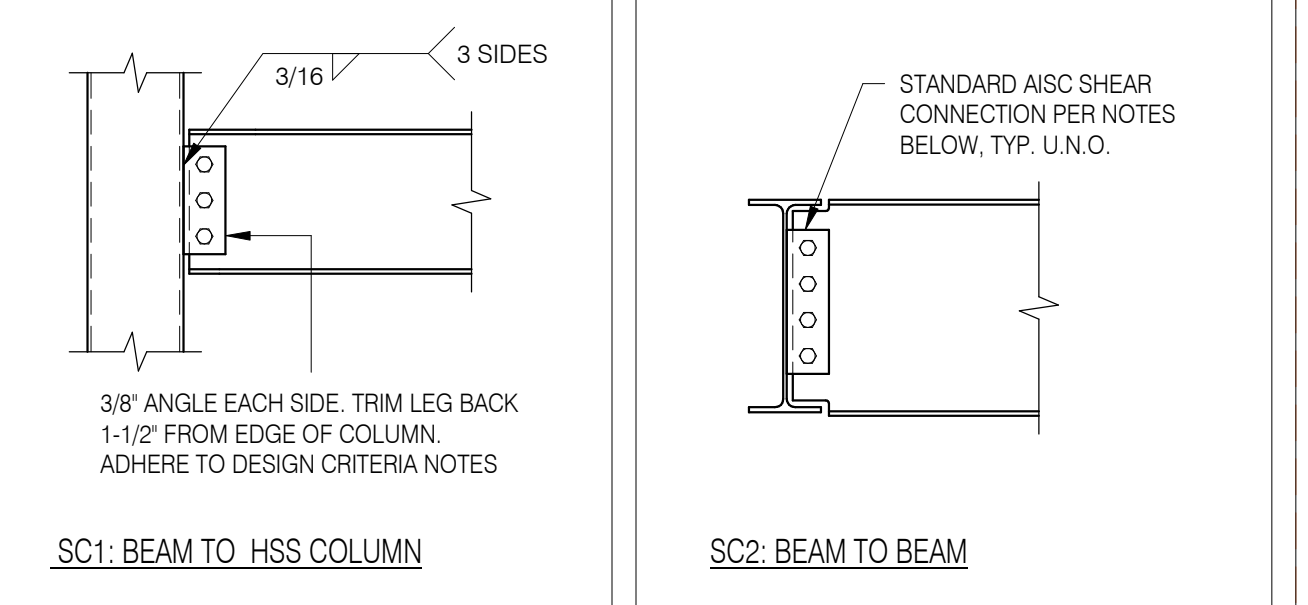
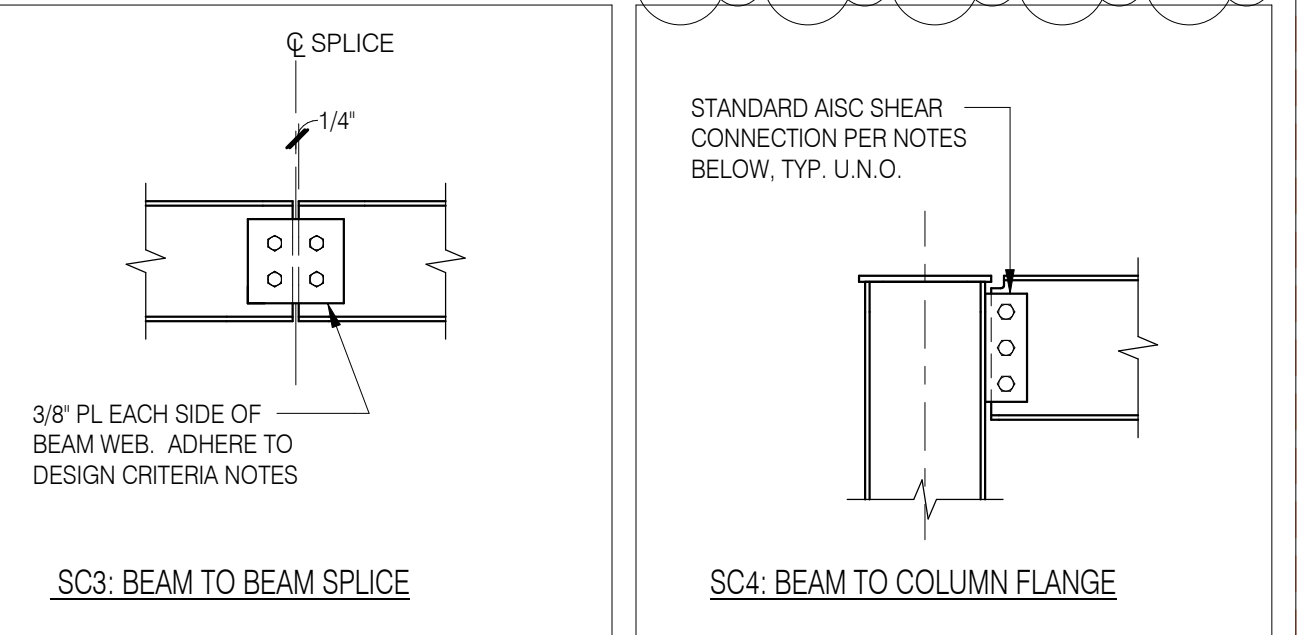
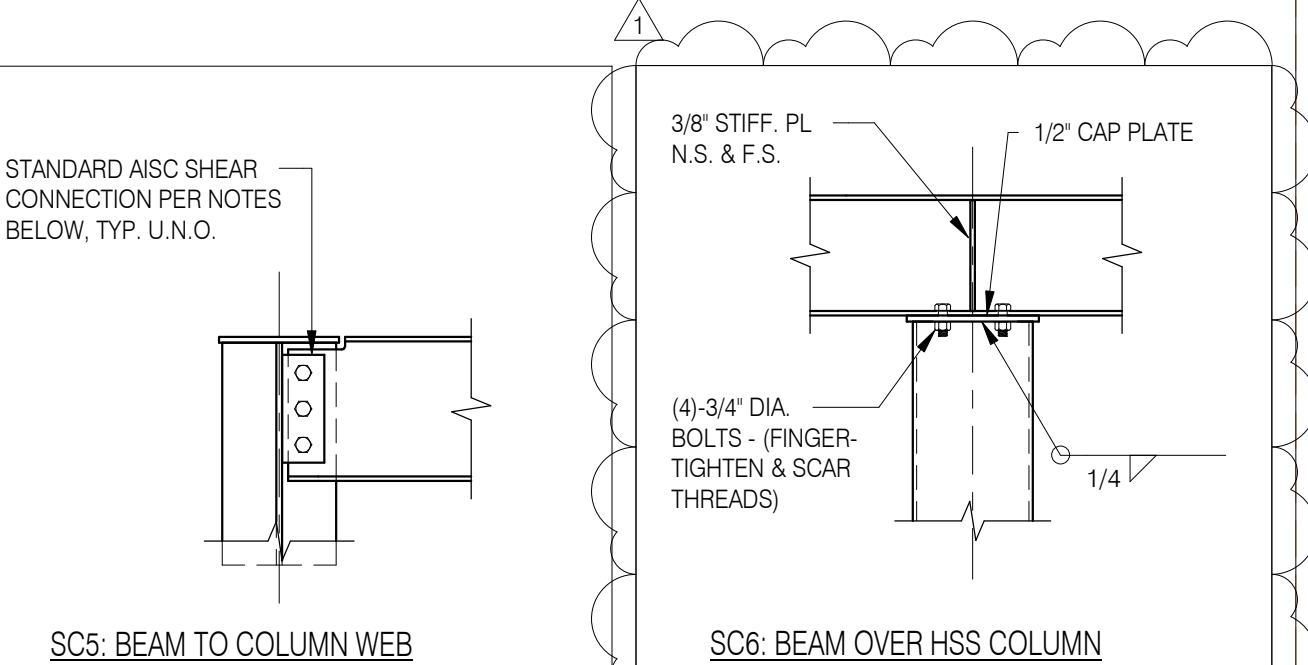


COLUMN BASEPLATE SCHEDULE				
BASEPLATE NAME	PLATE THICKNESS	BOLT DIAMETER	BOLT TYPE	EMBEDMENT
CB1:	3/4"	3/4"	STANDARD HEX	1' - 0"
CB2:	3/4"	3/4"	STANDARD HEX	1' - 6"

NOTES:
1. REF. GENERAL NOTES FOR PLATE GRADE AND BOLT SPECIFICATION.



2 BASEPLATE AT HSS COL. NTS



- SHEAR CONNECTION DESIGN CRITERIA**
- A. DESIGN FOR UNFACTORED REACTIONS NOTED ON PLANS.
 - B. IF REACTIONS ARE NOT NOTED ON PLANS: DESIGN NON-COMPOSITE BEAM CONNECTIONS FOR 1/2 THE TOTAL DESIGN UNIFORM LOAD FOR THE BEAM SPAN FROM THE AISC - UNIFORM LOAD TABLES; DESIGN COMPOSITE BEAM CONNECTIONS FOR 1.7 TIMES THE NON-COMPOSITE REACTION AS DESCRIBED ABOVE.
 - C. DETAIL CONNECTIONS PER AISC - ASD 9TH EDITION SPECIFICATION USING MIN. 5/16" THICK DOUBLE CLIP ANGLES OR MIN. 3/8" SHEAR PLATE USE 3/4" DIA. A325-N BOLTS OR LARGER FOR ALL STRUCTURAL CONNECTIONS U.N.O.. SHEAR PLATE CONNECTIONS SHALL BE BOLTED @ BEAM AND WELDED @ SUPPORT. DOUBLE CLIP ANGLES CAN BE EITHER BOLTED OR WELDED PROVIDED THEY COMPLY WITH LOADING REQUIREMENTS AND AISC STANDARDS.
 - D. IN ADDITION TO SHEAR CONNECTION DESIGN CRITERIA PER NOTES A - C, PROVIDE A MINIMUM OF THE FOLLOWING NUMBER OF CONNECTION BOLTS AS FOLLOWS:

W8 - W12	2 BOLTS
W14 - W16	3 BOLTS
W18 - W21	4 BOLTS
W24	5 BOLTS
 - E. SUBMIT SEALED CALCULATIONS OF ALL NON-STANDARD CONNECTIONS FOR ENGINEERS REVIEW.
 - F. SUBMIT SEALED CALCULATIONS OF BRACE CONNECTIONS FOR ENGINEERS REVIEW.

1 TYPICAL SHEAR CONNECTIONS NTS

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Plaquemine, LA 70765

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ARCHITECT & ENGINEER, LLC

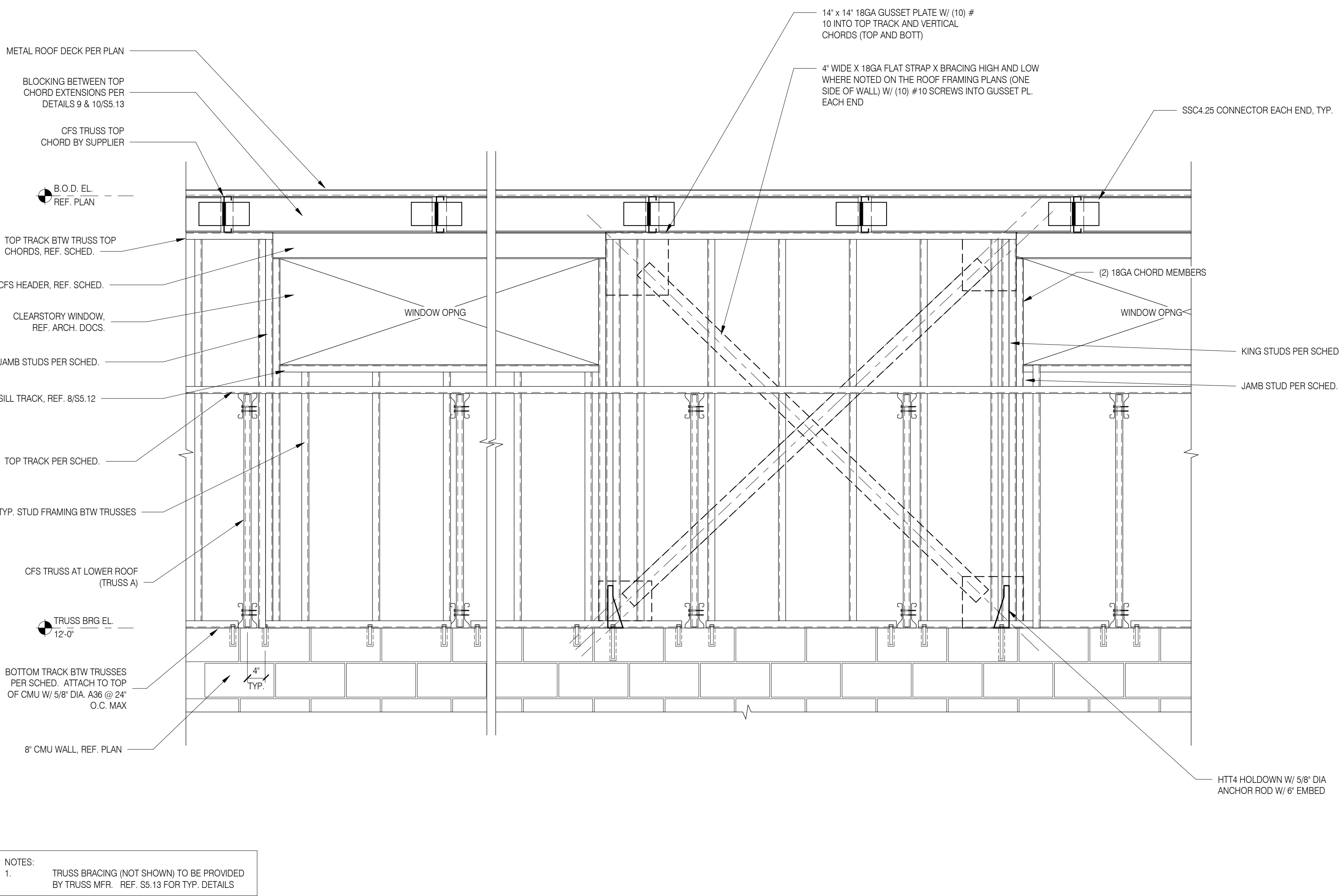
COHN MIDDLE SCHOOL ADDITION

SCHEMATIC DESIGN
805 14TH ST.
PORT ALLEN, LA 70767

PROJECT NO: 64-002-24A
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Autodesk Docs/Conn. Elementary Additions 64-002-244/Cohn Enrichment Addition - Structure - F24.rvt 7/9/2025 3:31:11 PM

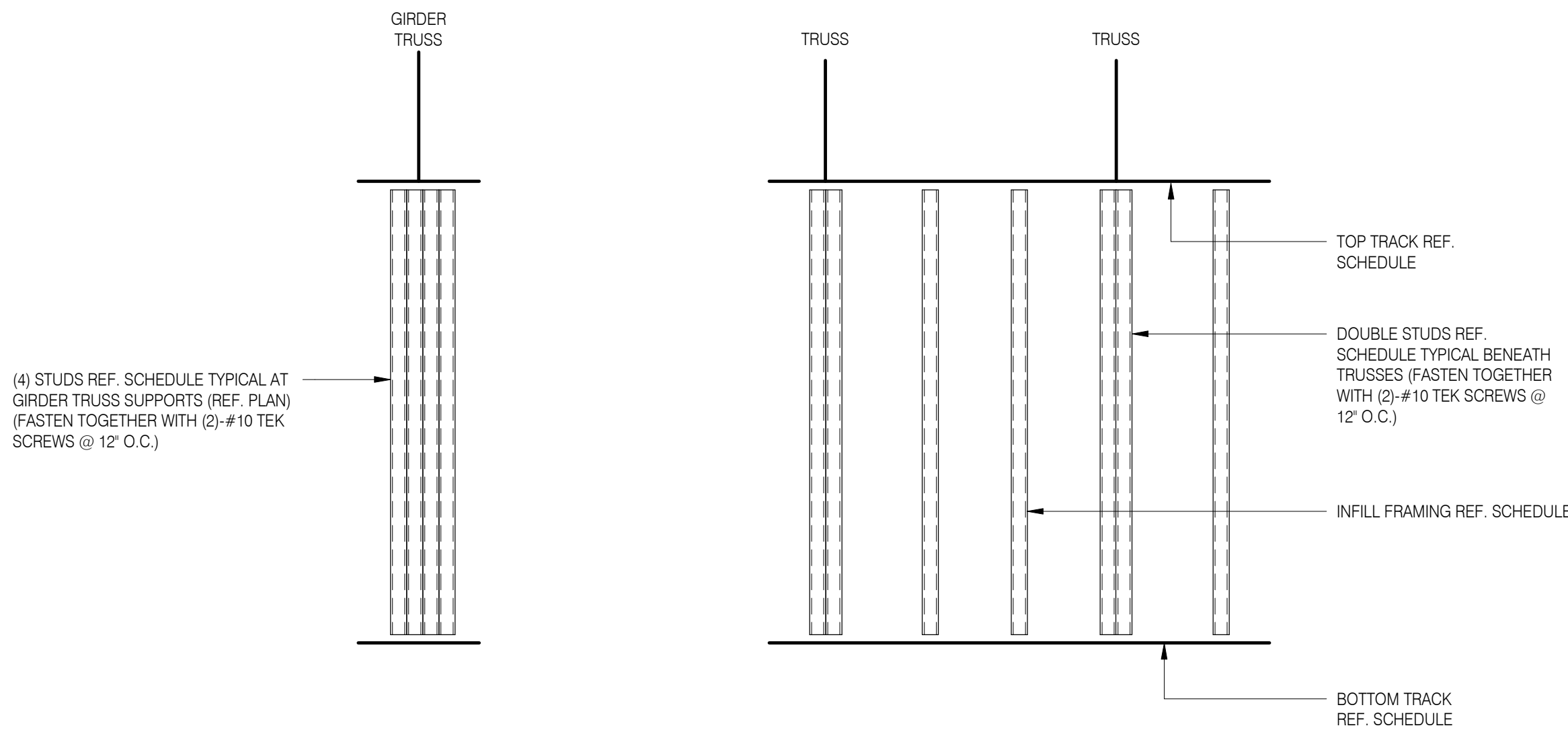


4 TYPICAL CLEARSTORY FRAMING ELEVATION DETAIL

3/4" = 1'-0"

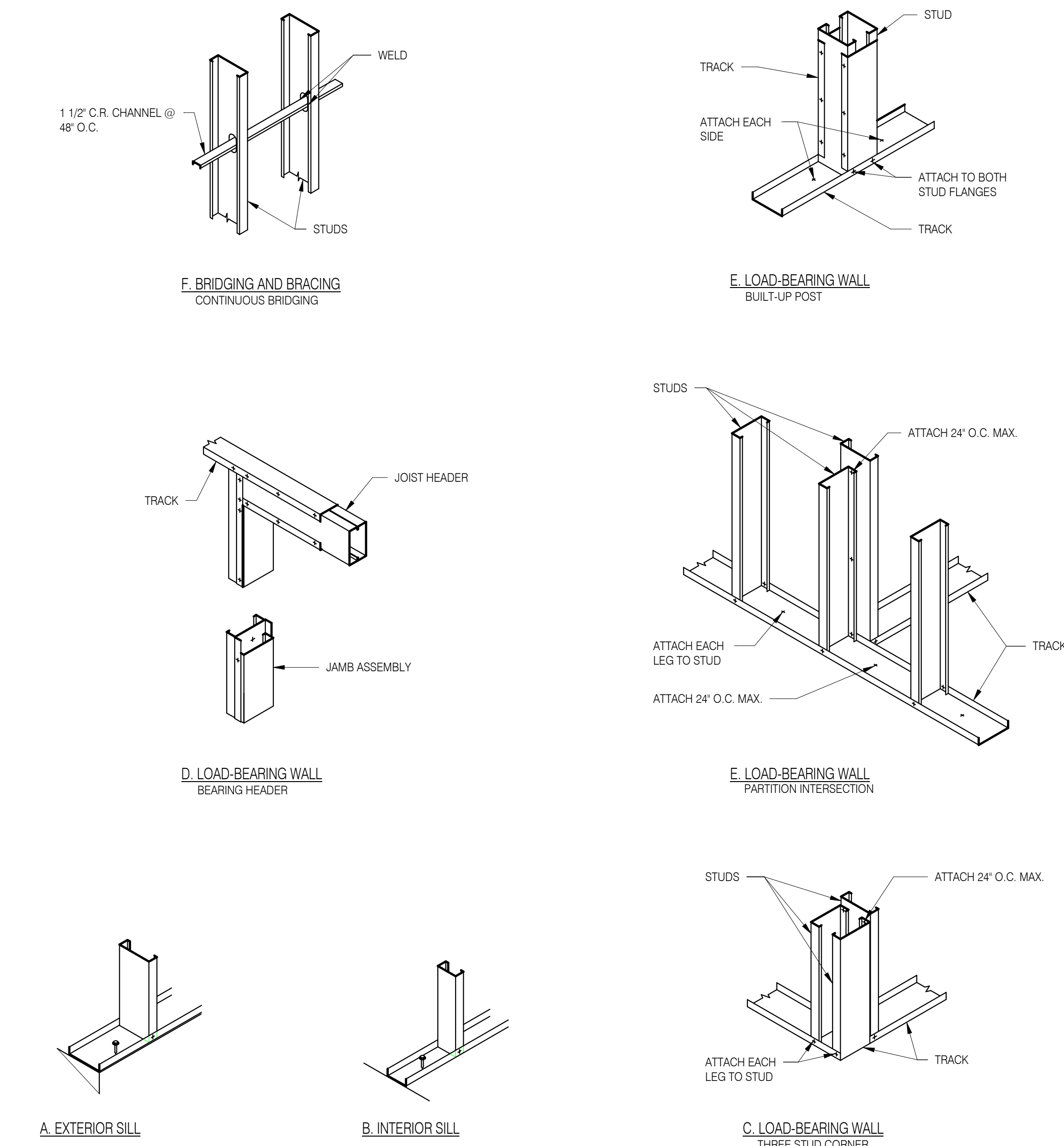
3 TYPICAL WALL FRAMING DETAILS

NTS



LOCATION	EXTERIOR	INTERIOR LOAD - BEARING	CORRIDOR LOAD - BEARING	INTERIOR NON-LOAD-BEARING
INFILL FRAMING	600 S162-43 (50 ksi) @ 16" O.C.	600 S162-43 (50 ksi) @ 16" O.C.	600 S162-43 (50 ksi) @ 16" O.C.	362 S162-33 (33 ksi) @ 24" O.C.
TRUSS BEARING	(2) 600 S162-33 (50 ksi)	(2) 600 S162-43 (50 ksi)	(2) 600 S162-43 (50 ksi)	
GIRDER TRUSS BEARING	(4) 600 S162-43 (50 ksi)	(4) 600 S162-43 (50 ksi)	(4) 600 S162-43 (50 ksi)	
JOIST BEARING				
TOP TRACK	600 T125-54(50 ksi)	600 T125-54(50 ksi)	600 T125-54(50 ksi)	DEFLECTION TRACK
BOTTOM TRACK	600 T125-43(50 ksi)	600 T125-43(50 ksi)	600 T125-43(50 ksi)	362 T125-33 (33 ksi)

2 LOAD BEARING WALL SCHEDULE



HEADER SCHEDULE - WALLS						
LOCATION	WALL TYPE	INTERIOR/ EXTERIOR	MAX. SPAN	SIZE	F _y (ksi)	REMARK
BELOW ROOF STRUCTURE	LOAD BEARING	INTERIOR AND EXTERIOR	4'-0"	2-60CSJ18	33	NOTE: ALSO TO BE USED BELOW 2ND FLR. FOR THE EXT. WALLS PARALLEL TO SLAB SPAN.
BELOW ROOF STRUCTURE	LOAD BEARING	INTERIOR AND EXTERIOR	6'-0"	2-60CSJ16	50	
BELOW ROOF STRUCTURE	LOAD BEARING	INTERIOR AND EXTERIOR	8'-0"	2-60CSJ14	50	
ALL FLOORS	NON LOAD BRG.	INTERIOR	3'-4"	SINGLE TRACK 18 GAUGE	33	
ALL FLOORS	NON LOAD BRG.	INTERIOR	6'-0"	DOUBLE TRACK 18 GAUGE	33	
ALL FLOORS	NON LOAD BRG.	INTERIOR	8'-0"	2-382CSJ20	33	

NOTES:
(a) LOCATION AND CLEAR SPANS OF OPENINGS IN WALLS SHALL BE PER ARCHITECTURAL DRAWINGS.
(b) ABOVE SIZES ARE FOR TYPICAL OPENING CONDITIONS. USE THE BEAM SIZES SHOWN ON PLANS FOR SPECIFIC CONDITIONS.

WALL OPENINGS DETAILS & SCHEDULE

METAL STUD PROPERTIES						
MEMBER	HEIGHT (IN.)	FLANGE (IN.)	LIP (IN.)	AREA (IN.) ²	I _x (IN.) ⁴	LOCATION
600T125-43	6"	1 1/4"	--	0.294	1.428	BOTTOM TRACK
600T200-97	6"	2"	--	1.015	5.773	TOP TRACK
600S163-43	6"	1 5/8"	1/2"	0.344	1.79	INTERIOR WALLS
600S163-43	6"	1 5/8"	1/2"	0.344	1.79	EXTERIOR WALLS

PROPERTIES PROVIDED BY DIETRICH INDUSTRIES, INC.

METAL STUD, FASTENER & SILL TRACK ANCHORAGE SCHEDULES

FASTENER SCHEDULE		
ITEM	TYPE & SIZE	SPACING
1/2" GYPBOARD TO STUDS	7/8" PLYTEK	6" O.C. @ EDGES 12" O.C. @ SUPPORTS
5/8" GYPBOARD TO STUDS	1 1/8" PLYTEK	6" O.C. @ EDGES 12" O.C. @ SUPPORTS
STUD TO STUD (BACK TO BACK)	3/4" #8 TEKS PAN HEADS	1 @ 24" O.C. THROUGH WEB
DIAGONAL BRACING TO STUD	1/2" #8 TEKS LOW PROFILE PAN HEAD	1 @ EACH STUD
STUD TO TOP PLATE (TRACK)	3/4" #8 TEKS LOW PROFILE PAN HEAD	1 @ EACH FLANGE
STUD TO BOTTOM PLATE (TRACK)	3/4" #8 TEKS LOW PROFILE PAN HEAD	1 @ EACH FLANGE

SILL TRACK ANCHORAGE	
APPLICATION	ANCHORAGE
EXTERIOR WALLS	HILTI 1/4" KWIK BOLT II @ 8" O.C.
INTERIOR WALLS	HILTI DNI 32 P8 @ 12" O.C.

1 METAL STUDS SCHEDULES

NTS

Salas O'Brien
salasobrien.com
New Orleans
1001 Poydras Street, 20th
New Orleans, LA 70139
Registration:
F-4111

REV	DESCRIPTION	DATE

NOT FOR CONSTRUCTION

THIS DRAWING IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW. IT IS NOT TO BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION.

BRADLEY CARVILLE
LOUISIANA P.E. #0038323
DATE: JULY 9, 2025

P.O. Box 213
Plaquemine, LA 70765

COB ARCHITECTS, LLC
COHN ENRICHMENT ADDITION

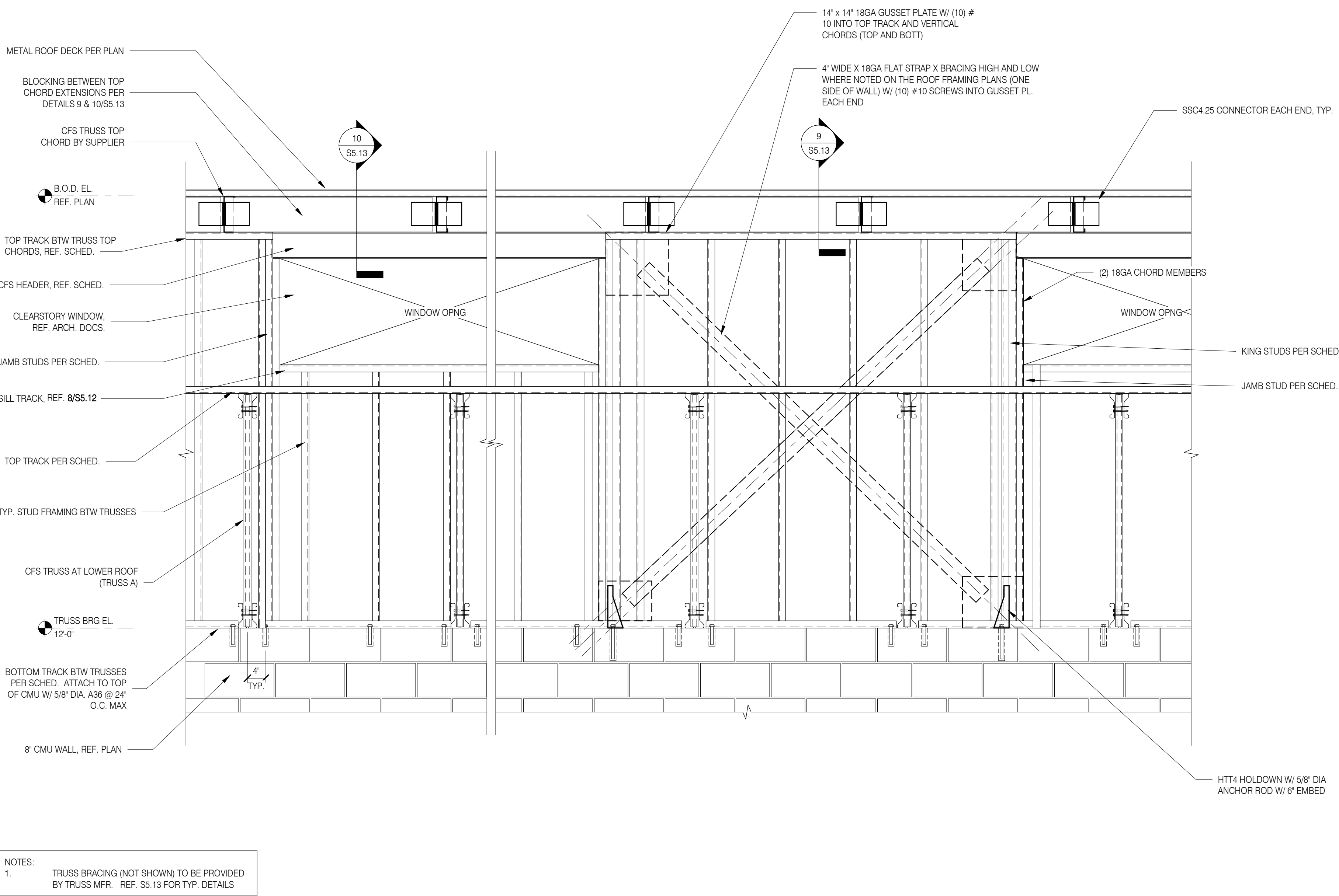
Permit Drawings
805 14TH ST.
PORT ALLEN, LA 70767

PROJECT NO: 64-002-24A
PHASE: PERMIT DRAWINGS

DATE: JULY 9, 2025
PROJECT ENGINEER: BC
DRAWN BY: YD

SHEET NO.
\$5.11
of

Autodesk Docs\\Conn. Elementary Additions_64-002-244\\Cohn Middle School Addition - Structure - R24.rvt 7/9/2025 3:00:46 PM

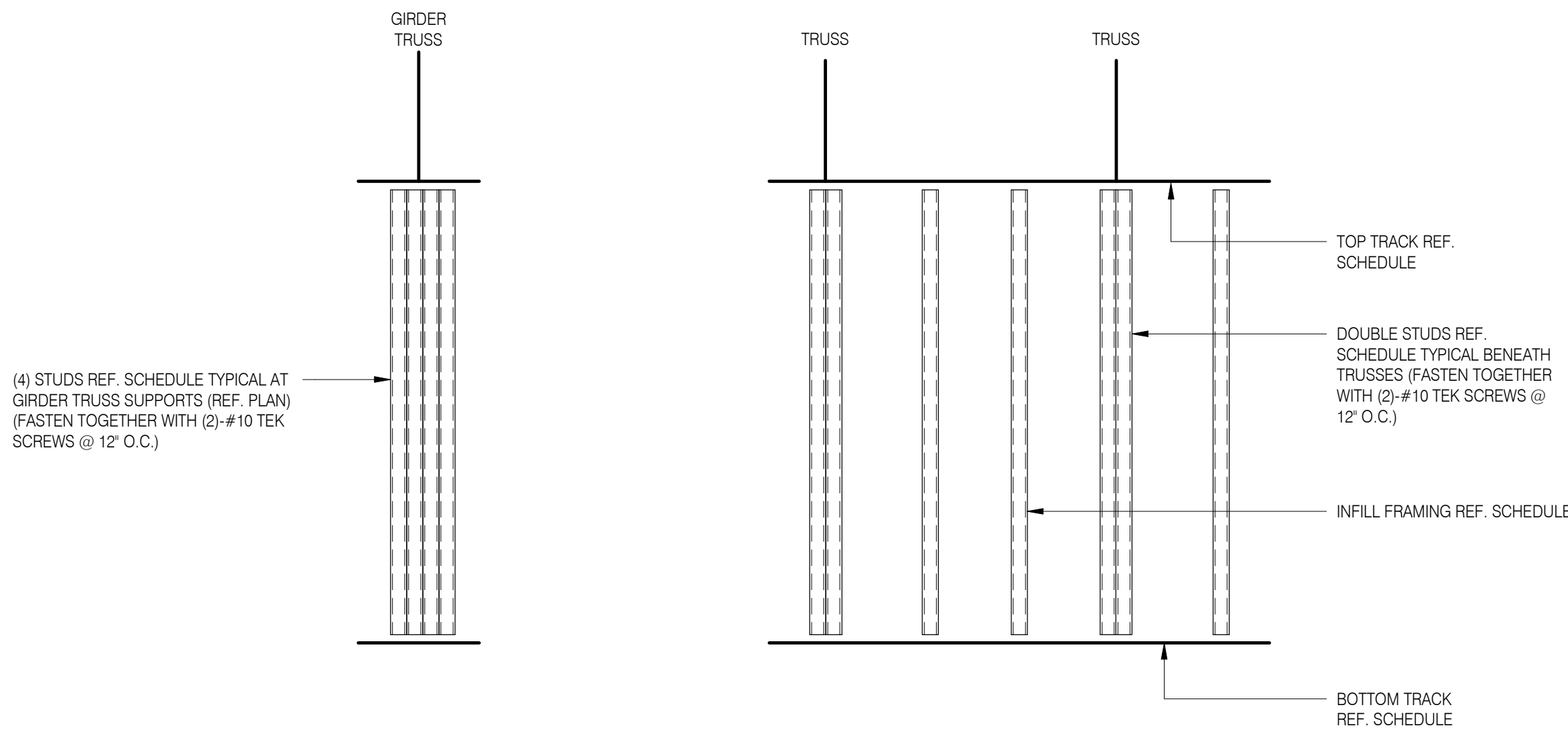


4 TYPICAL CLEARSTORY FRAMING ELEVATION DETAIL

3/4" = 1'-0"

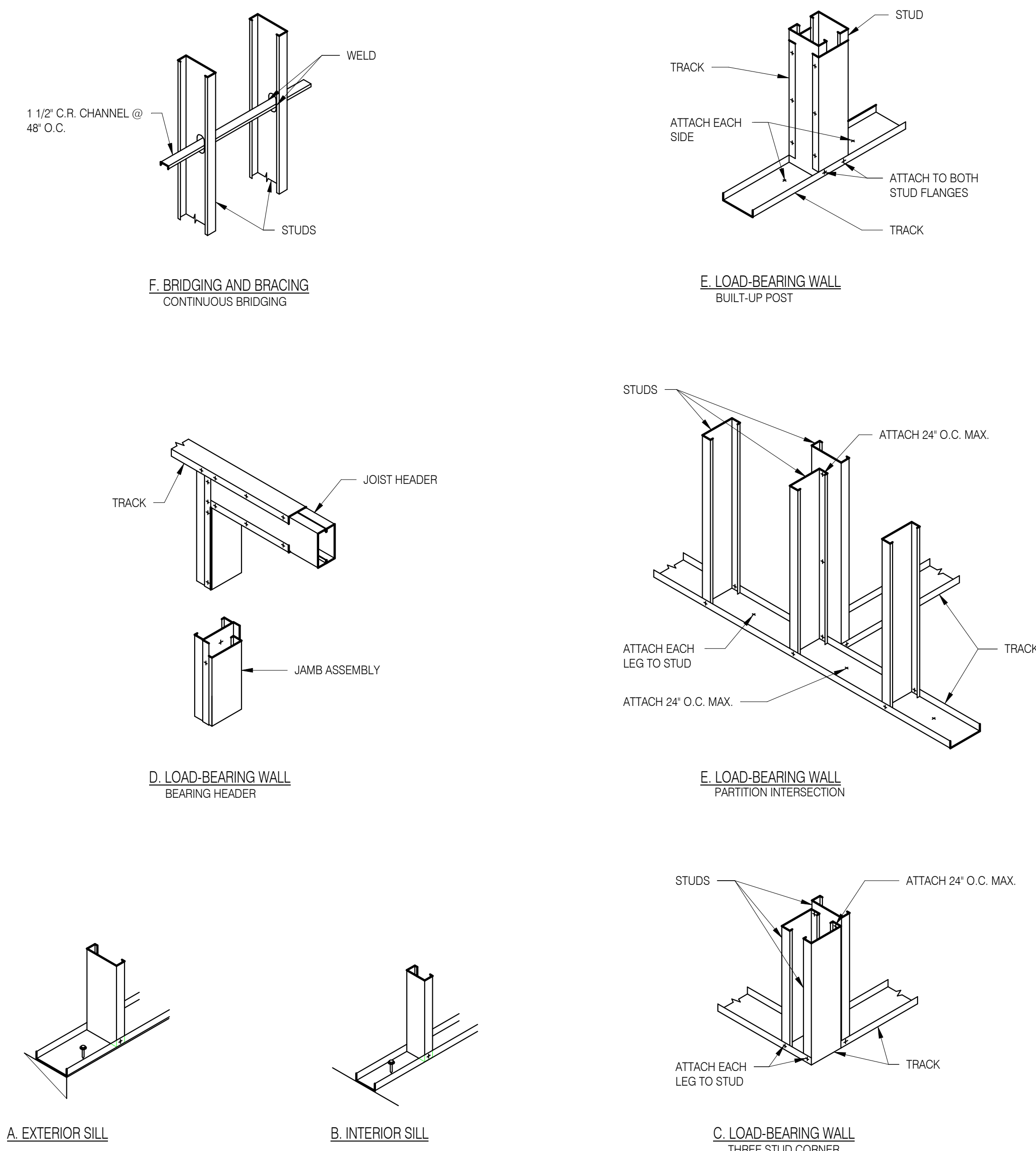
3 TYPICAL WALL FRAMING DETAILS

NTS



LOCATION	EXTERIOR	INTERIOR LOAD - BEARING	CORRIDOR LOAD - BEARING	INTERIOR NON-LOAD-BEARING
INFILL FRAMING	600 S162-43 (50 ksi) @ 16" O.C.	600 S162-43 (50 ksi) @ 16" O.C.	600 S162-43 (50 ksi) @ 16" O.C.	362 S162-33 (33 ksi) @ 24" O.C.
TRUSS BEARING	(2) 600 S162-33 (50 ksi)	(2) 600 S162-43 (50 ksi)	(2) 600 S162-43 (50 ksi)	
GIRDER TRUSS BEARING	(4) 600 S162-43 (50 ksi)	(4) 600 S162-43 (50 ksi)	(4) 600 S162-43 (50 ksi)	
JOIST BEARING				
TOP TRACK	600 T125-54(50 ksi)	600 T125-54(50 ksi)	600 T125-54(50 ksi)	DEFLECTION TRACK
BOTTOM TRACK	600 T125-43(50 ksi)	600 T125-43(50 ksi)	600 T125-43(50 ksi)	362 T125-33 (33 ksi)

2 LOAD BEARING WALL SCHEDULE



HEADER SCHEDULE - WALLS						
LOCATION	WALL TYPE	INTERIOR/ EXTERIOR	MAX. SPAN	SIZE	F _y (ksi)	REMARK
BELOW ROOF STRUCTURE	LOAD BEARING	INTERIOR AND EXTERIOR	4'-0"	2-60CSJ18	33	NOTE: ALSO TO BE USED BELOW 2ND FLR. FOR THE EXT. WALLS PARALLEL TO SLAB SPAN.
BELOW ROOF STRUCTURE	LOAD BEARING	INTERIOR AND EXTERIOR	6'-0"	2-60CSJ16	50	
BELOW ROOF STRUCTURE	LOAD BEARING	INTERIOR AND EXTERIOR	8'-0"	2-60CSJ14	50	
ALL FLOORS	NON LOAD BRG.	INTERIOR	3'-4"	SINGLE TRACK 18 GAUGE	33	
ALL FLOORS	NON LOAD BRG.	INTERIOR	6'-0"	DOUBLE TRACK 18 GAUGE	33	
ALL FLOORS	NON LOAD BRG.	INTERIOR	8'-0"	2-362CSJ20	33	

NOTES:
(a) LOCATION AND CLEAR SPANS OF OPENINGS IN WALLS SHALL BE PER ARCHITECTURAL DRAWINGS.
(b) ABOVE SIZES ARE FOR TYPICAL OPENING CONDITIONS. USE THE BEAM SIZES SHOWN ON PLANS FOR SPECIFIC CONDITIONS.

WALL OPENINGS DETAILS & SCHEDULE

METAL STUD PROPERTIES						
MEMBER	HEIGHT (IN.)	FLANGE (IN.)	LIP (IN.)	AREA (IN.) ²	I _x (IN.) ⁴	LOCATION
600T125-54	6"	1 1/4"	--	0.294	1.428	BOTTOM TRACK
600T200-97	6"	2"	--	1.015	5.773	TOP TRACK
600S163-43	6"	1 5/8"	1/2"	0.344	1.79	INTERIOR WALLS
600S163-43	6"	1 5/8"	1/2"	0.344	1.79	EXTERIOR WALLS
PROPERTIES PROVIDED BY DIETRICH INDUSTRIES, INC.						

METAL STUD, FASTENER & SILL TRACK ANCHORAGE SCHEDULES

FASTENER SCHEDULE		
ITEM	TYPE & SIZE	SPACING
1/2" GYPBOARD TO STUDS	7/8" PLYTEK	6" O.C. @ EDGES 12" O.C. @ SUPPORTS
5/8" GYPBOARD TO STUDS	1 1/8" PLYTEK	6" O.C. @ EDGES 12" O.C. @ SUPPORTS
STUD TO STUD (BACK TO BACK)	3/4" #8 TEKS PAN HEADS	1 @ 24" O.C. THROUGH WEB
DIAGONAL BRACING TO STUD	1/2" #8 TEKS LOW PROFILE PAN HEAD	1 @ EACH STUD
STUD TO TOP PLATE (TRACK)	3/4" #8 TEKS LOW PROFILE PAN HEAD	1 @ EACH FLANGE
STUD TO BOTTOM PLATE (TRACK)	3/4" #8 TEKS LOW PROFILE PAN HEAD	1 @ EACH FLANGE

SILL TRACK ANCHORAGE	
APPLICATION	ANCHORAGE
EXTERIOR WALLS	HILTI 1/4" KWIK BOLT II @ 16" O.C.
INTERIOR WALLS	HILTI DNI 32 P8 @ 12" O.C.

1 METAL STUDS SCHEDULES

NTS

REV	DESCRIPTION	DATE

NOT FOR
CONSTRUCTION

THIS DRAWING IS RELEASED
FOR THE PURPOSE OF
INTERIM REVIEW. IT IS NOT
TO BE USED FOR
REGULATORY APPROVAL
PERMIT OR CONSTRUCTION.

BRADLEY CARVILLE
LOUISIANA P.E. #0038323
DATE: JULY 09, 2025

P.O. Box 213
Plaquemine, LA
70765

COHN MIDDLE SCHOOL ADDITION

SCHEMATIC DESIGN
805 14TH ST.
PORT ALLEN, LA 70767

PROJECT NO: 64-002-24A
PHASE: PERMIT DRAWINGS

DATE: JULY 09, 2025
PROJECT ENGINEER: BC
DRAWN BY: Author

SHEET NO.

\$5.11

of

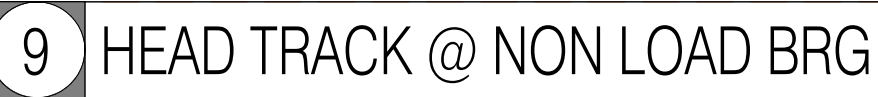
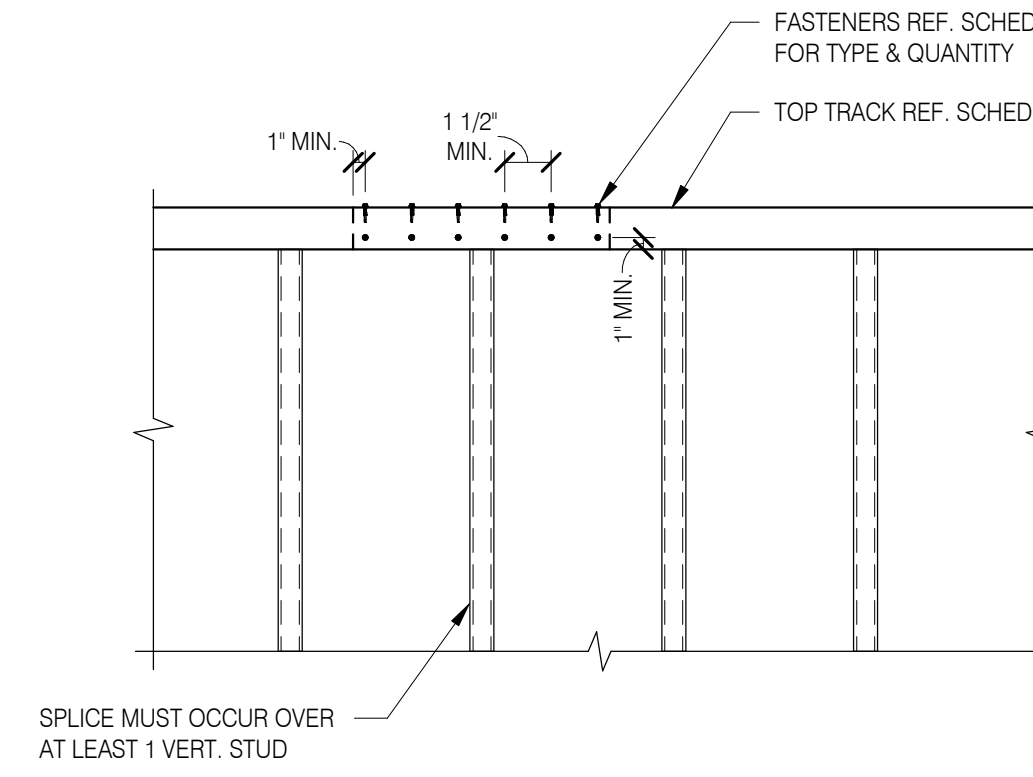
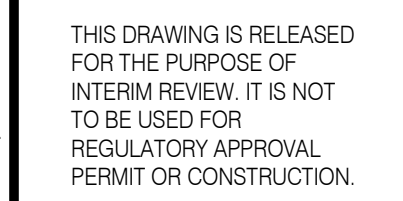


Diagram illustrating the elevation view of a track assembly. The diagram shows a horizontal track with vertical studs. Key dimensions and labels include:

- FASTENERS REF. SCHED FOR TYPE & QUANTITY**: Points to the fasteners securing the track.
- TOP TRACK REF. SCHED**: Points to the top track.
- 1" MIN.**: Dimension indicating the minimum spacing between fasteners.
- 1 1/2" MIN.**: Dimension indicating the minimum spacing between studs.
- 1" MIN.**: Dimension indicating the minimum spacing between studs.
- SPLICE MUST OCCUR OVER AT LEAST 1 VERT. STUD**: Label indicating the requirement for the track splice to occur over at least one vertical stud.



WALL OPENING SCHEDULE		
SPAN	HEAD	SILL
0' - 4'	(1) 600 S162-43 + (2) 600 T125-43 (33 ksi)	(1) 600 T125-43 (33 ksi)
4' - 6.5'	(1) 600 S162-43 + (2) 600 T125-43 (33 ksi)	(1) 600 T125-54 (50 ksi)
6.5' - 12'	(2) 600 S162-43 + (2) 600 T125-43 (33 ksi)	(1) 600 S162-43 + (2) 600 T125-43 (33 ksi)

WALL CONNECTION AT SLAB

BCB ARCHITECTS, LLC

Richard Dean Notard
architect & associates, inc.

COHN ENRICHMENT ADDITION

ENRICHMENT AD
PERMIT DRAWINGS
805 14TH ST.
PORT ALLEN, LA 70767

PROJECT NO: 64-002-24A

PHASE: PERMIT DRAWINGS

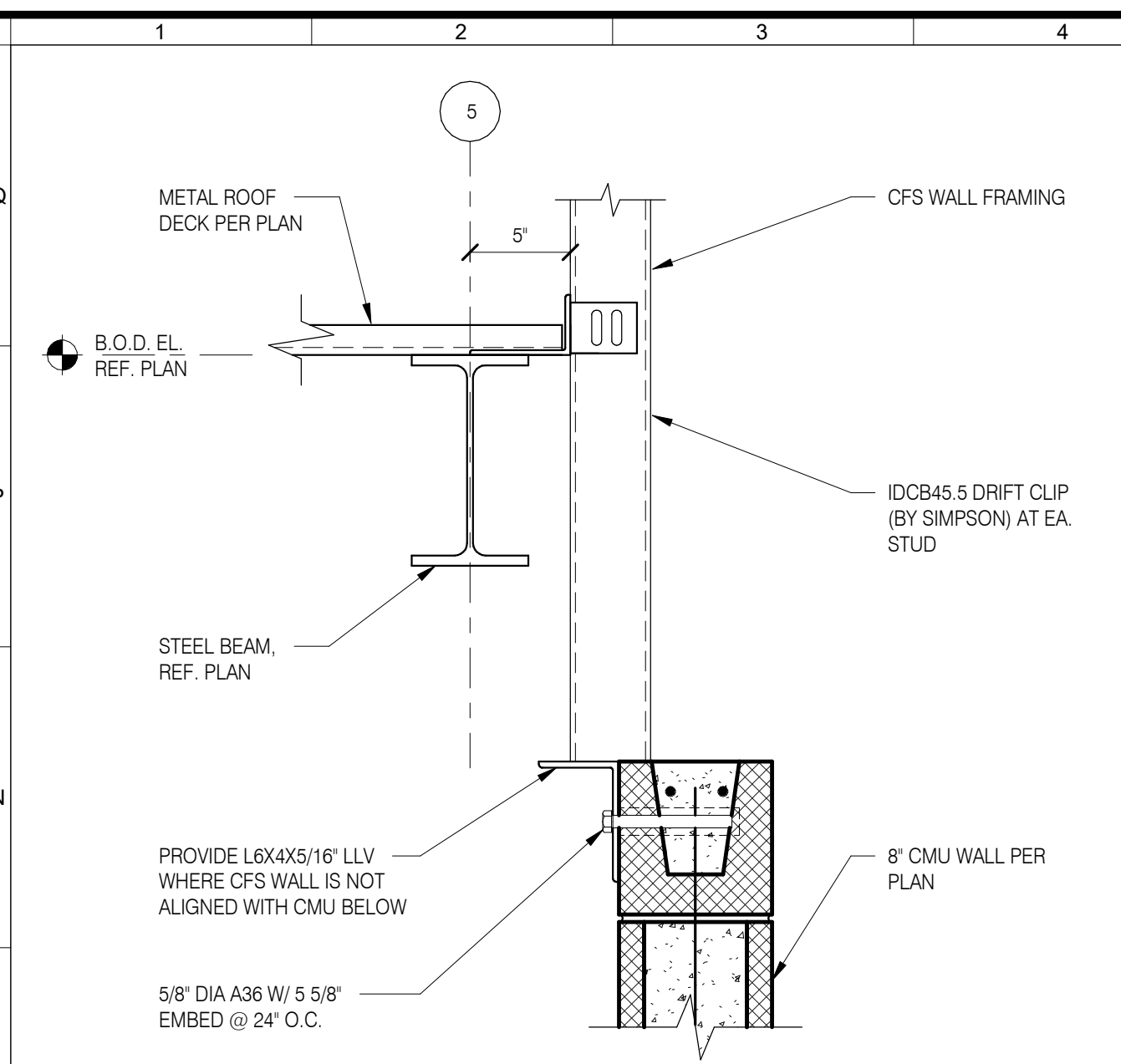
DATE: JULY 9, 2025

PROJECT ENGINEER: BC

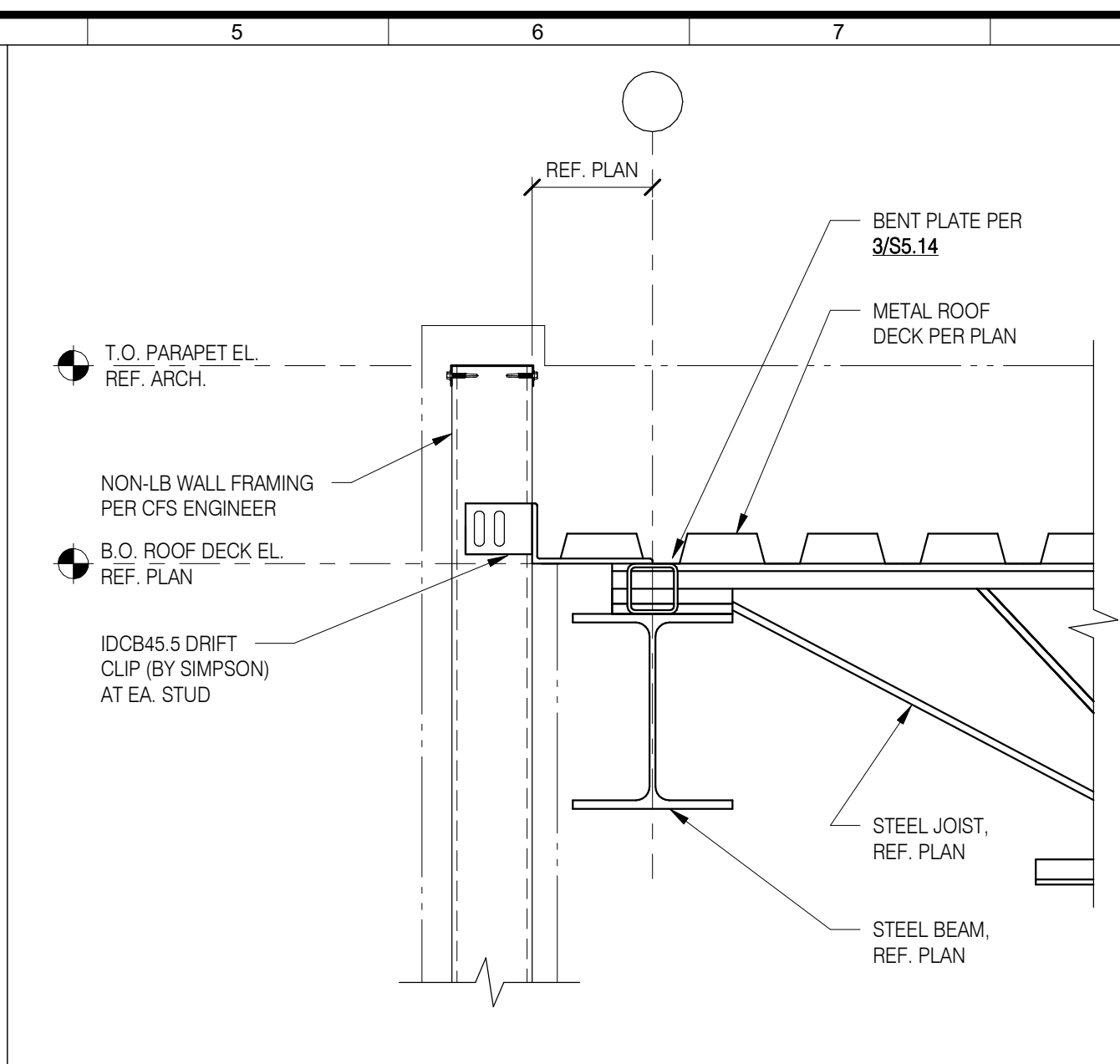
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S5.12

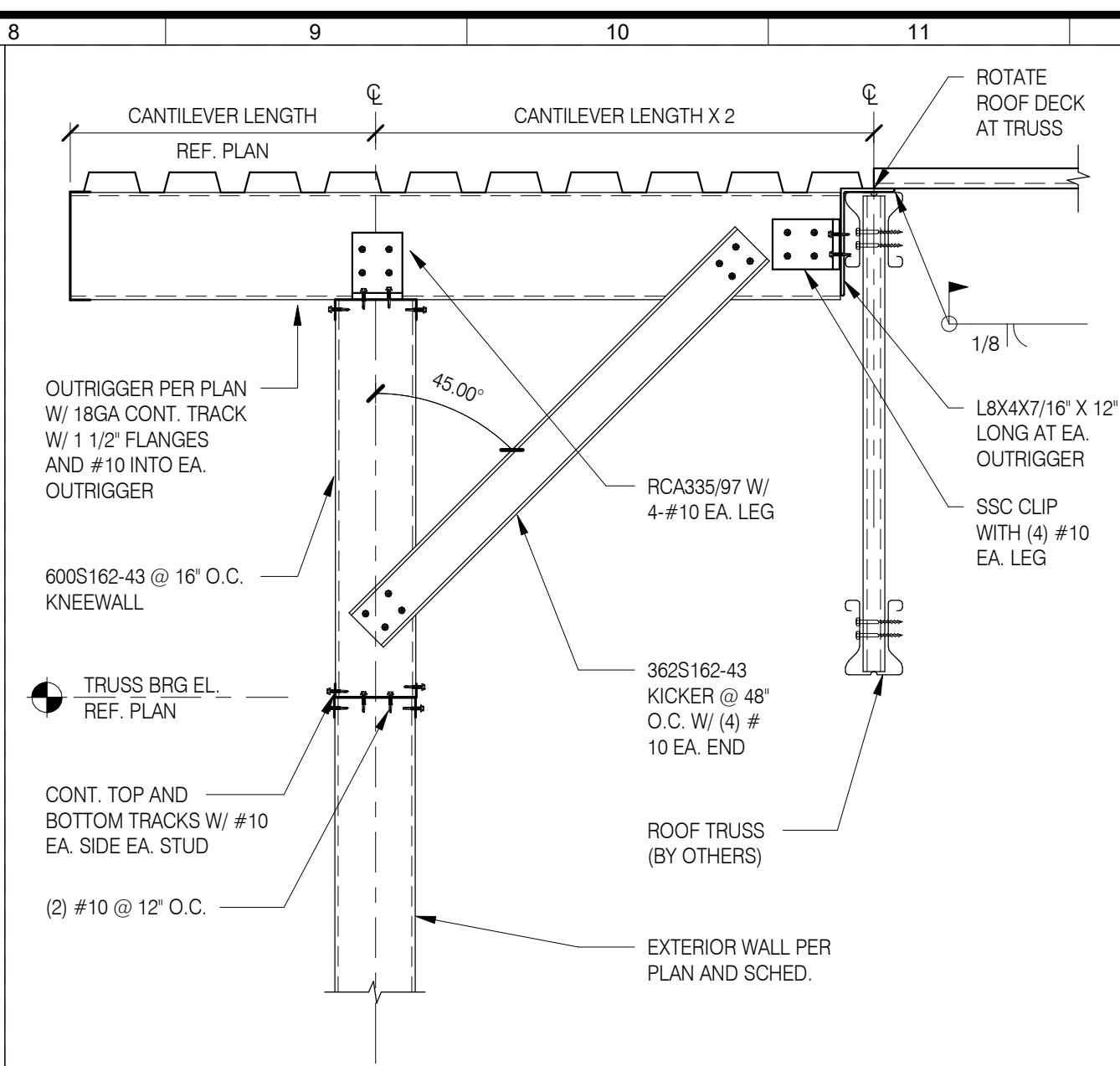
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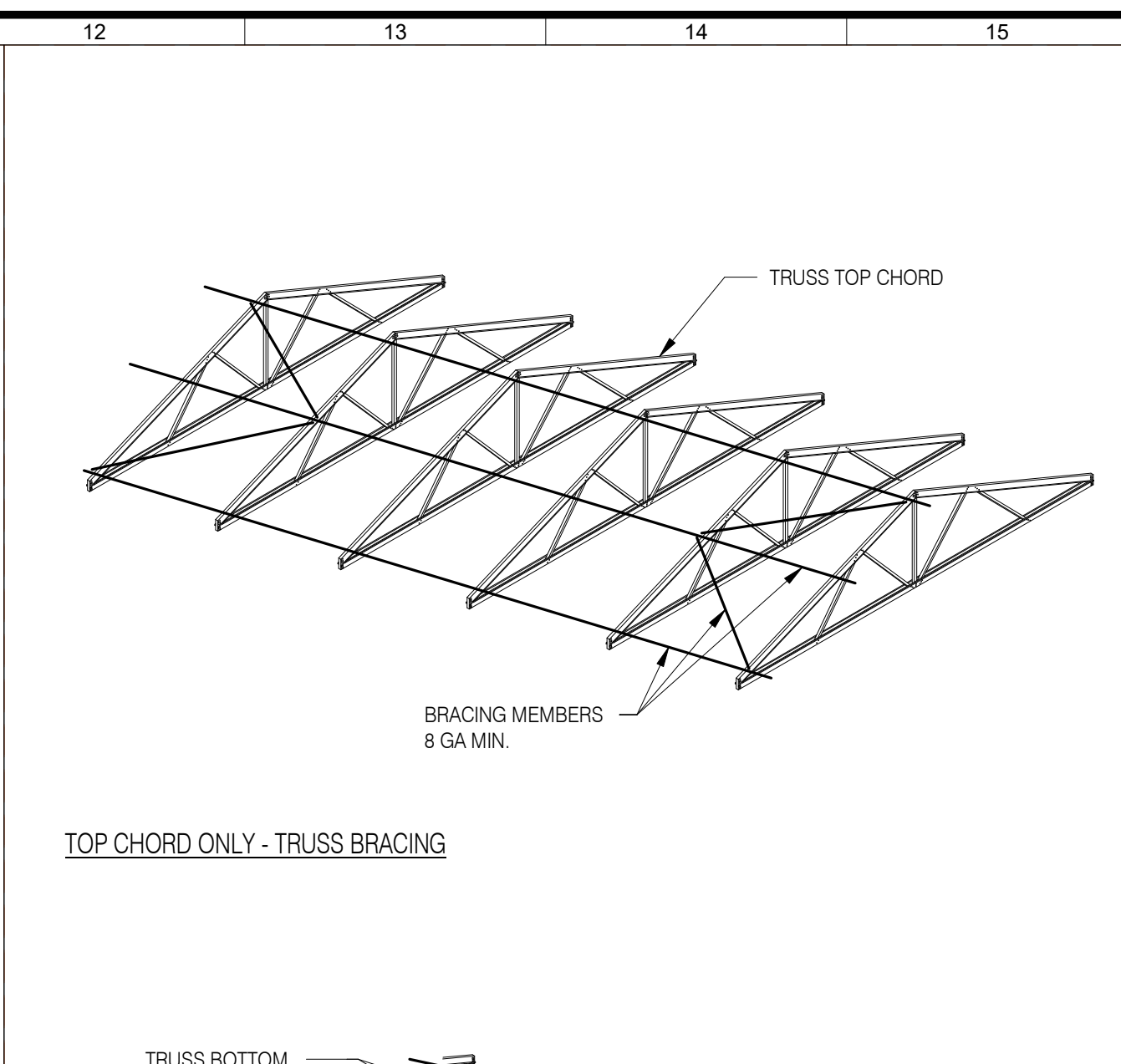
15	DETAIL AT ROOF FRAMING	1 1/2" = 1'-0"
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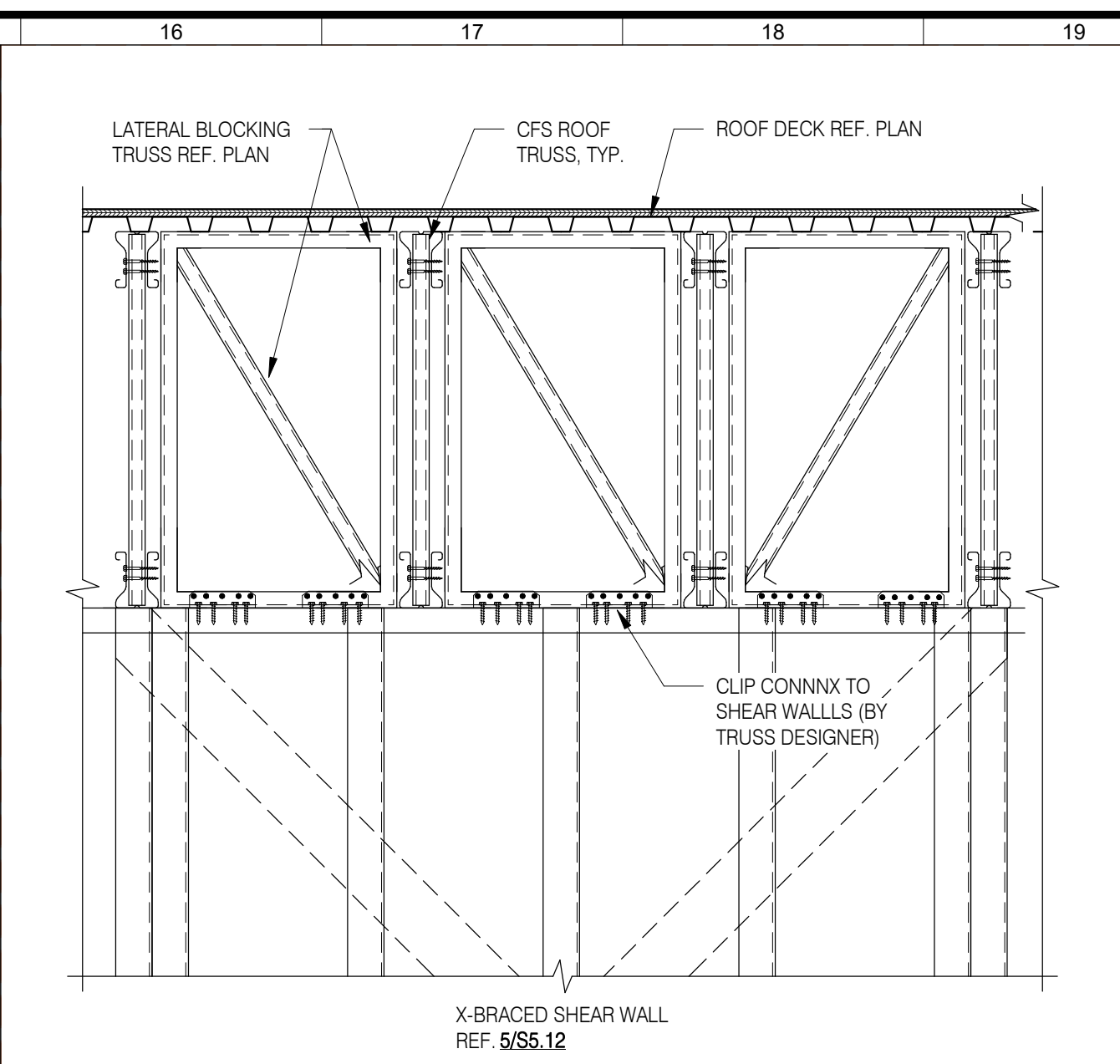
12	DETAIL AT ROOF FRAMING	1 1/2" = 1'-0"
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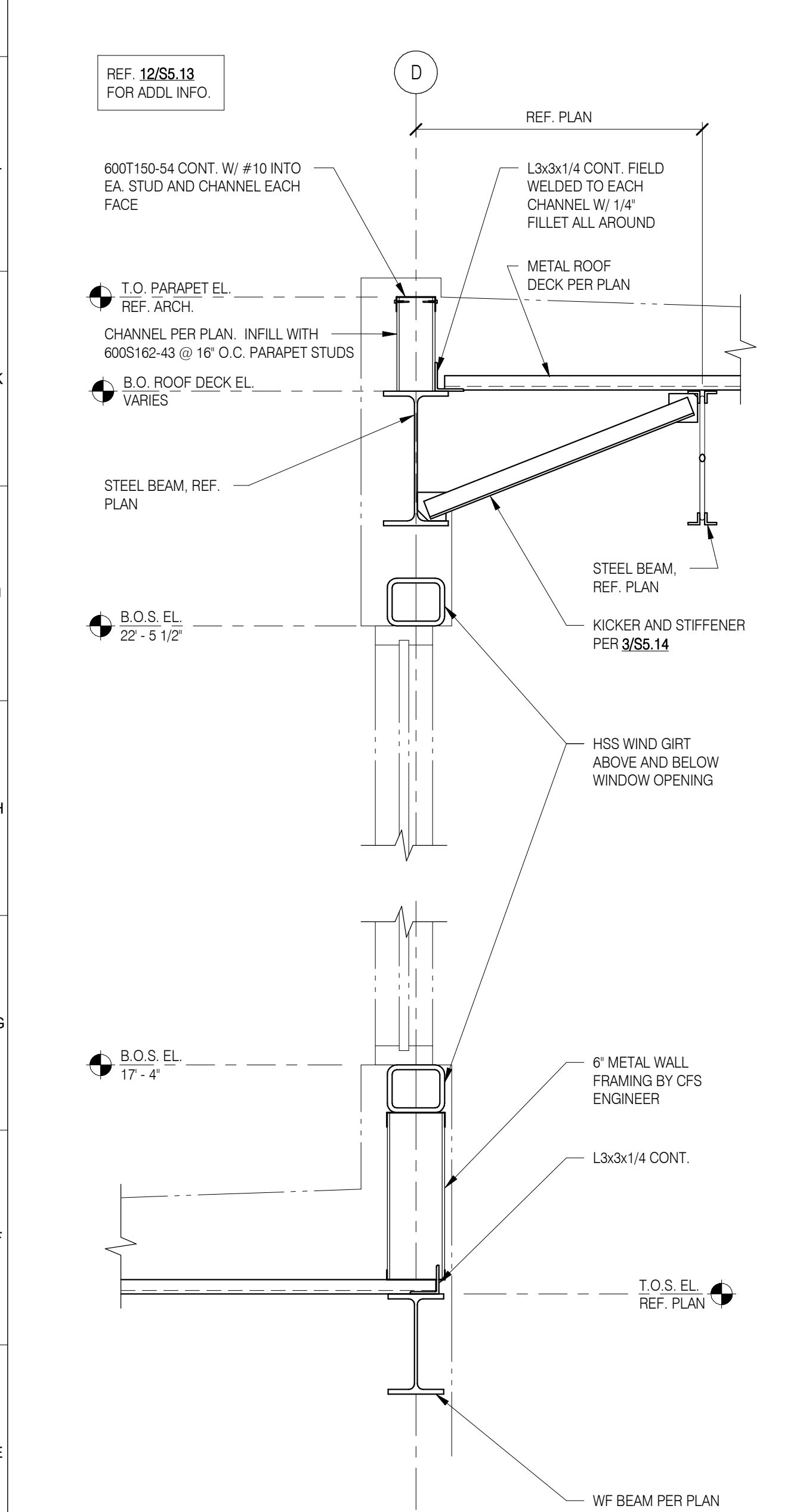
8	DETAIL AT OUTRIGGER	1" = 1'-0"
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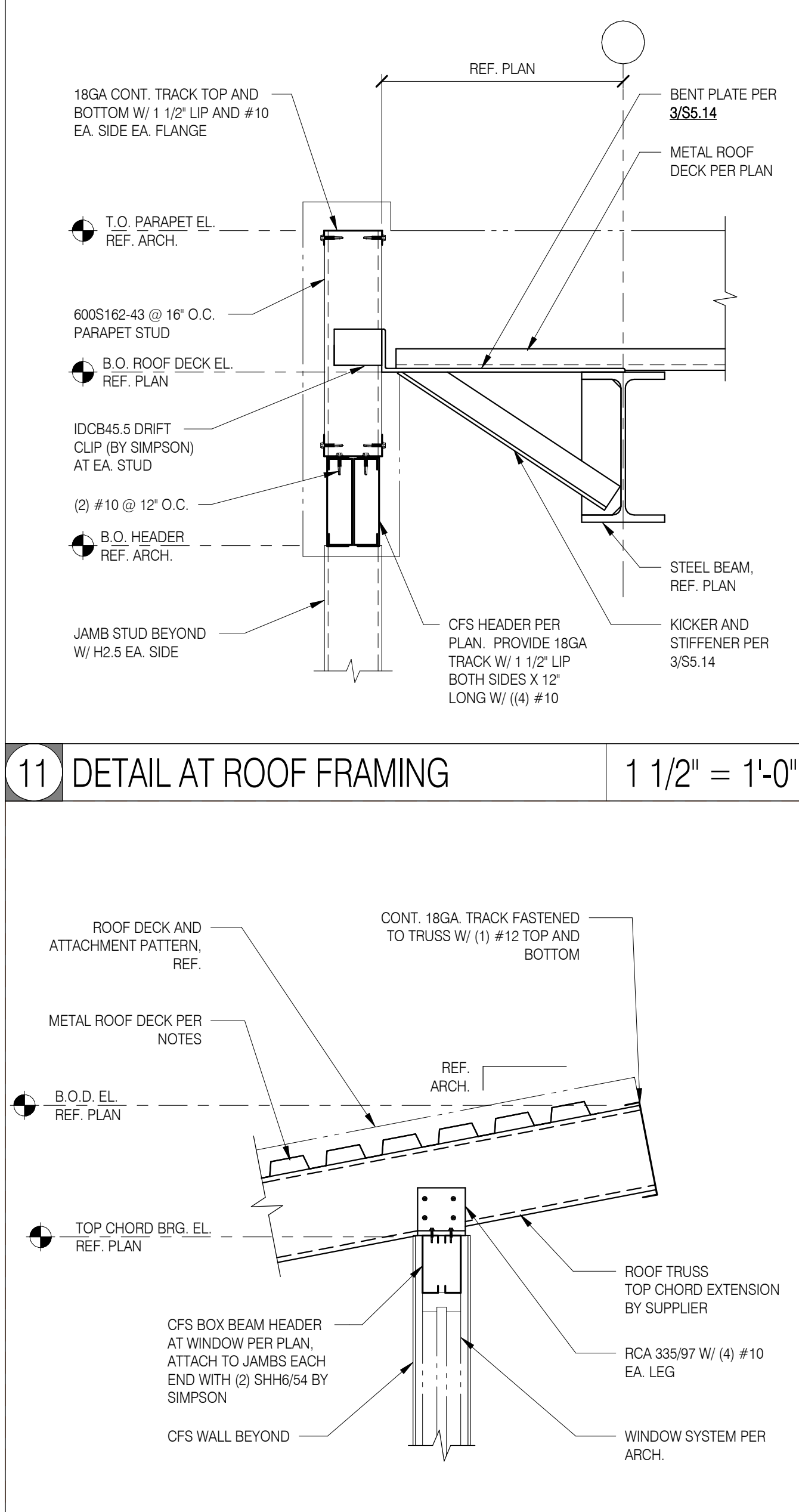
CHORD



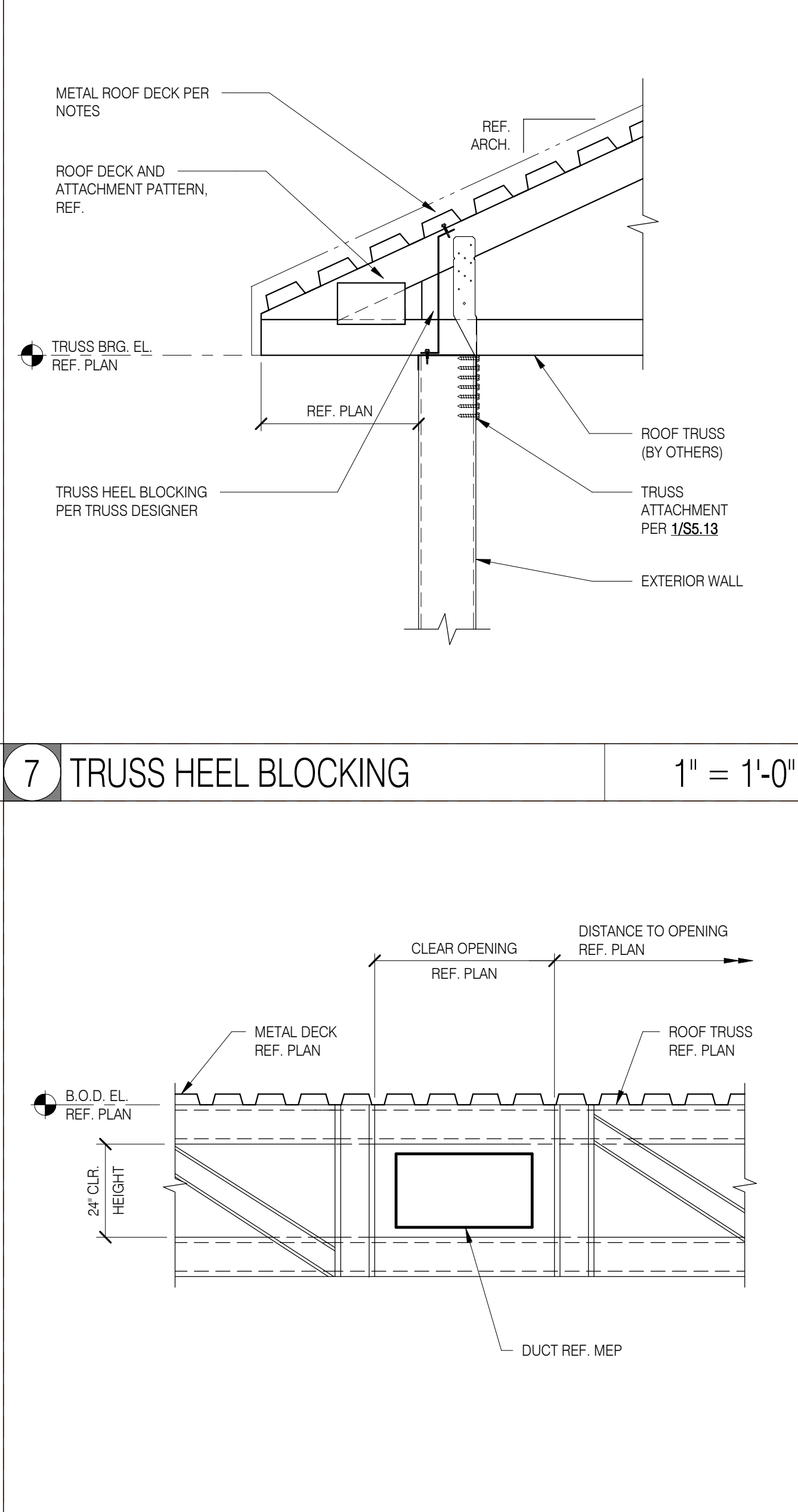
3	TRUSS BRACING AT STEEL FRAME	NTS
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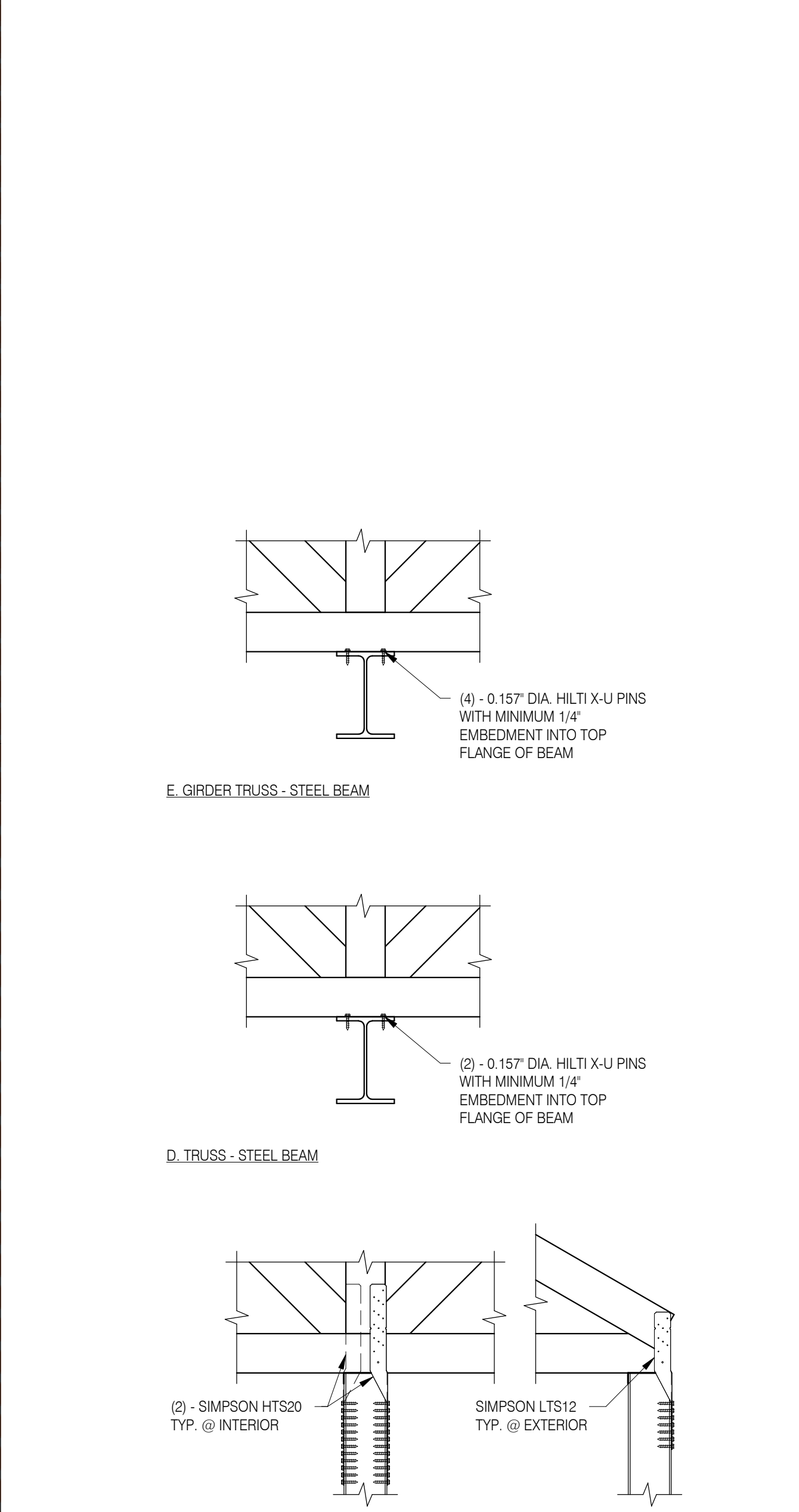
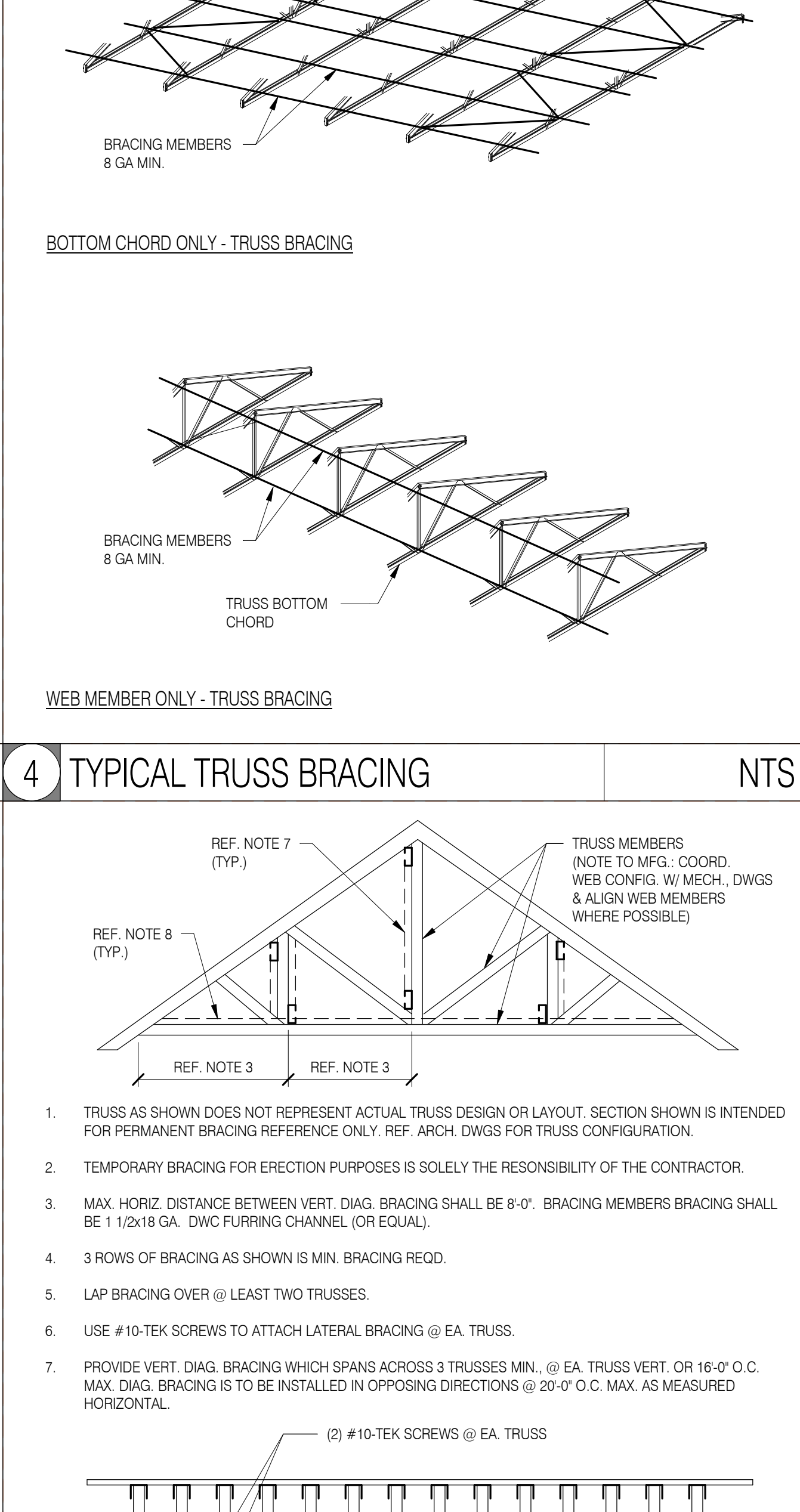
14	DETAIL AT CL FIRSTORY FRAMING	1" = 1'-0"
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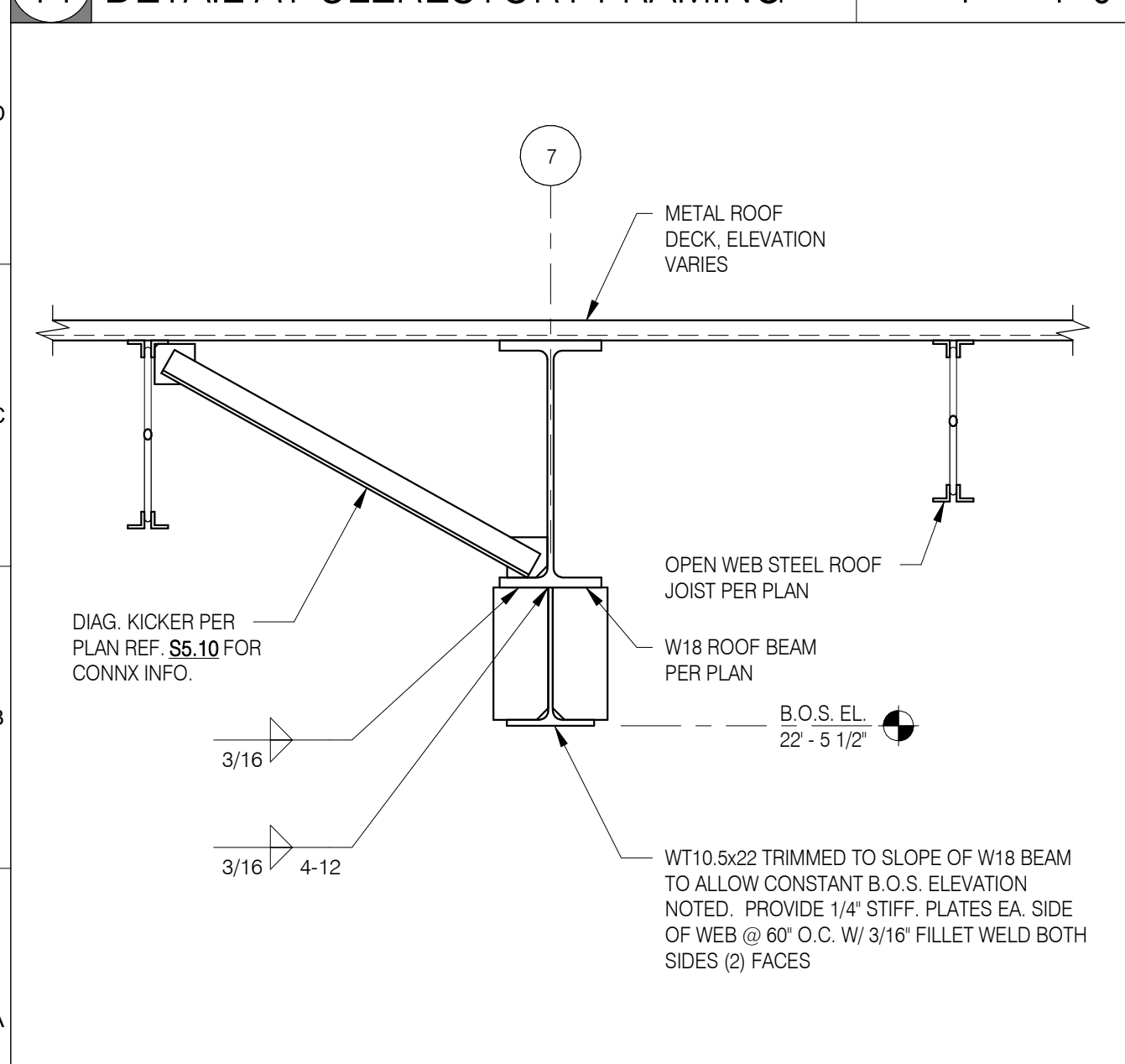
10	DETAIL AT HIGH ROOF OVERHANG	1" = 1'-0"
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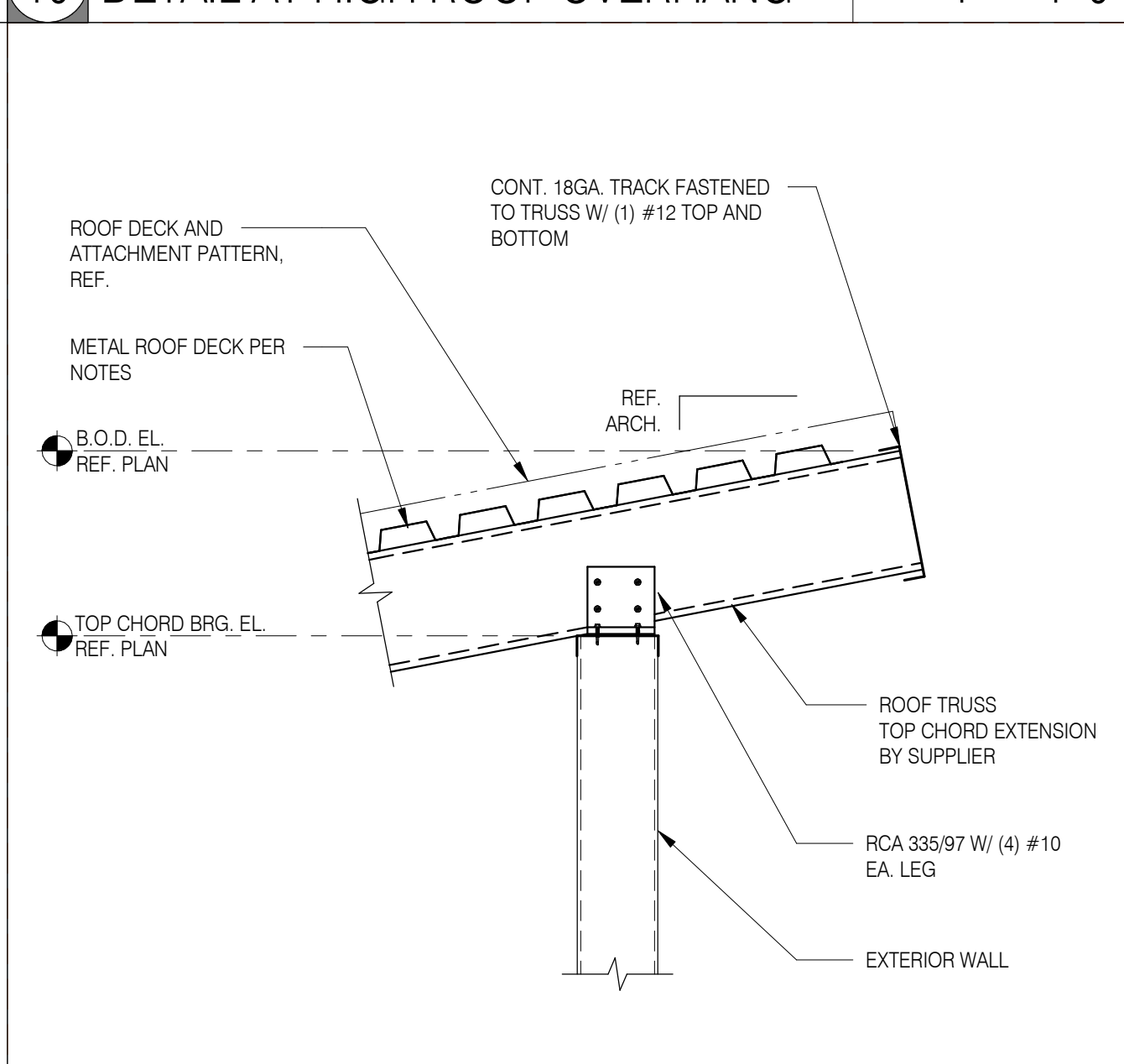
6	TYP. DUCT OPENING	3/4" $\equiv$ 1'-0"
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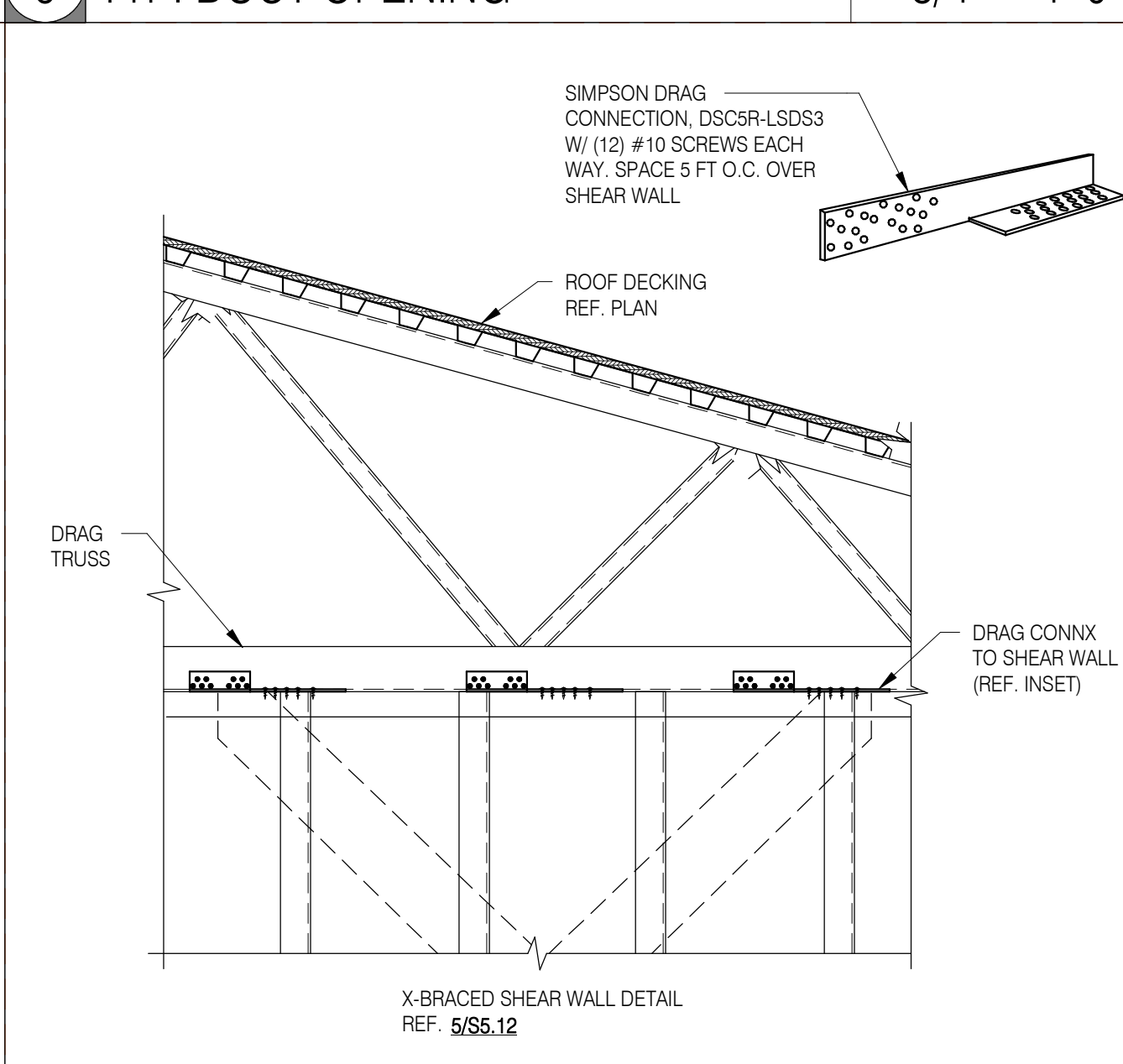
C. GIRDER TRUSS - BUILT-UP COLUMN



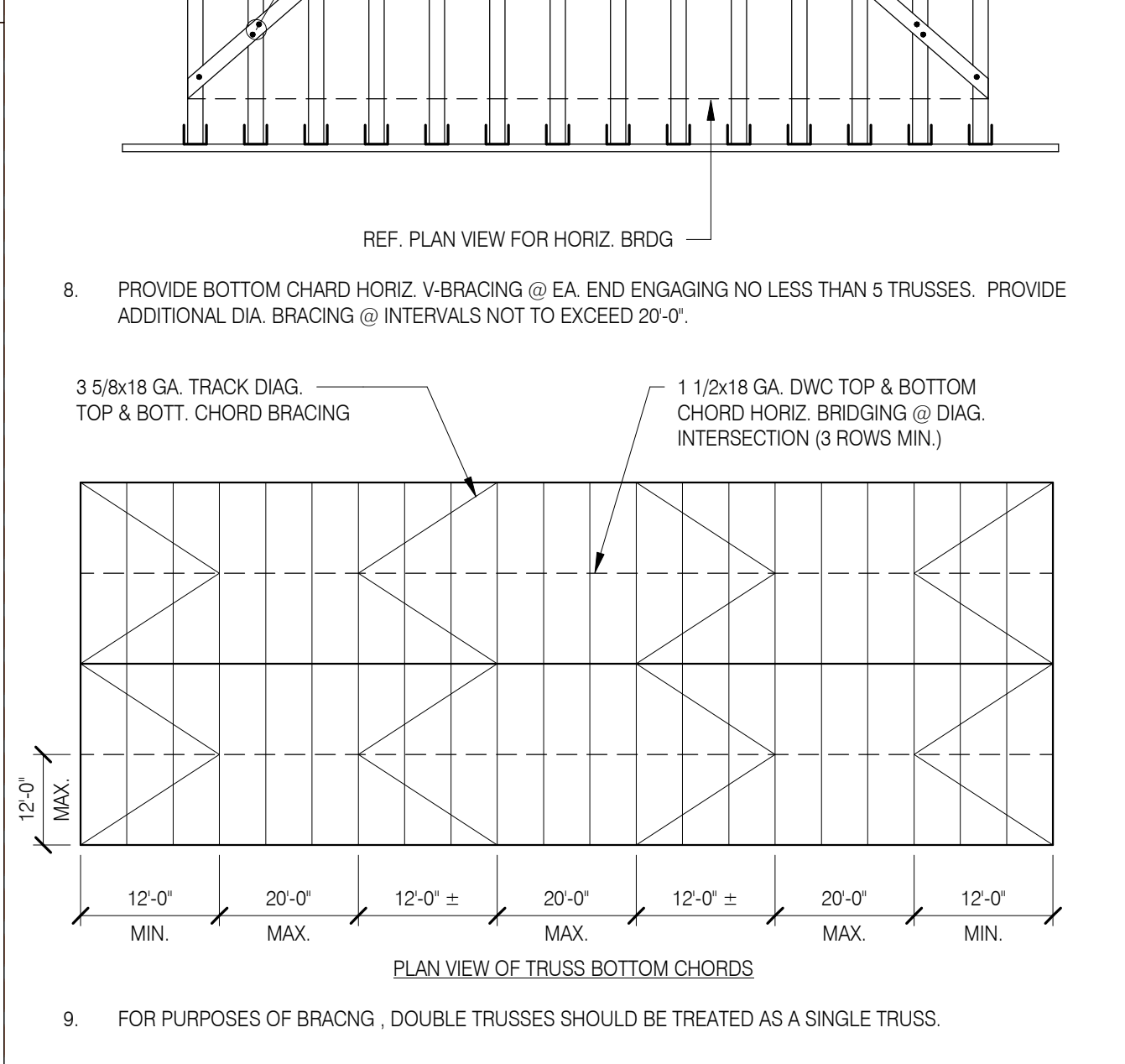
13	DETAIL AT ROOF FRAMING	1" = 1'-0"
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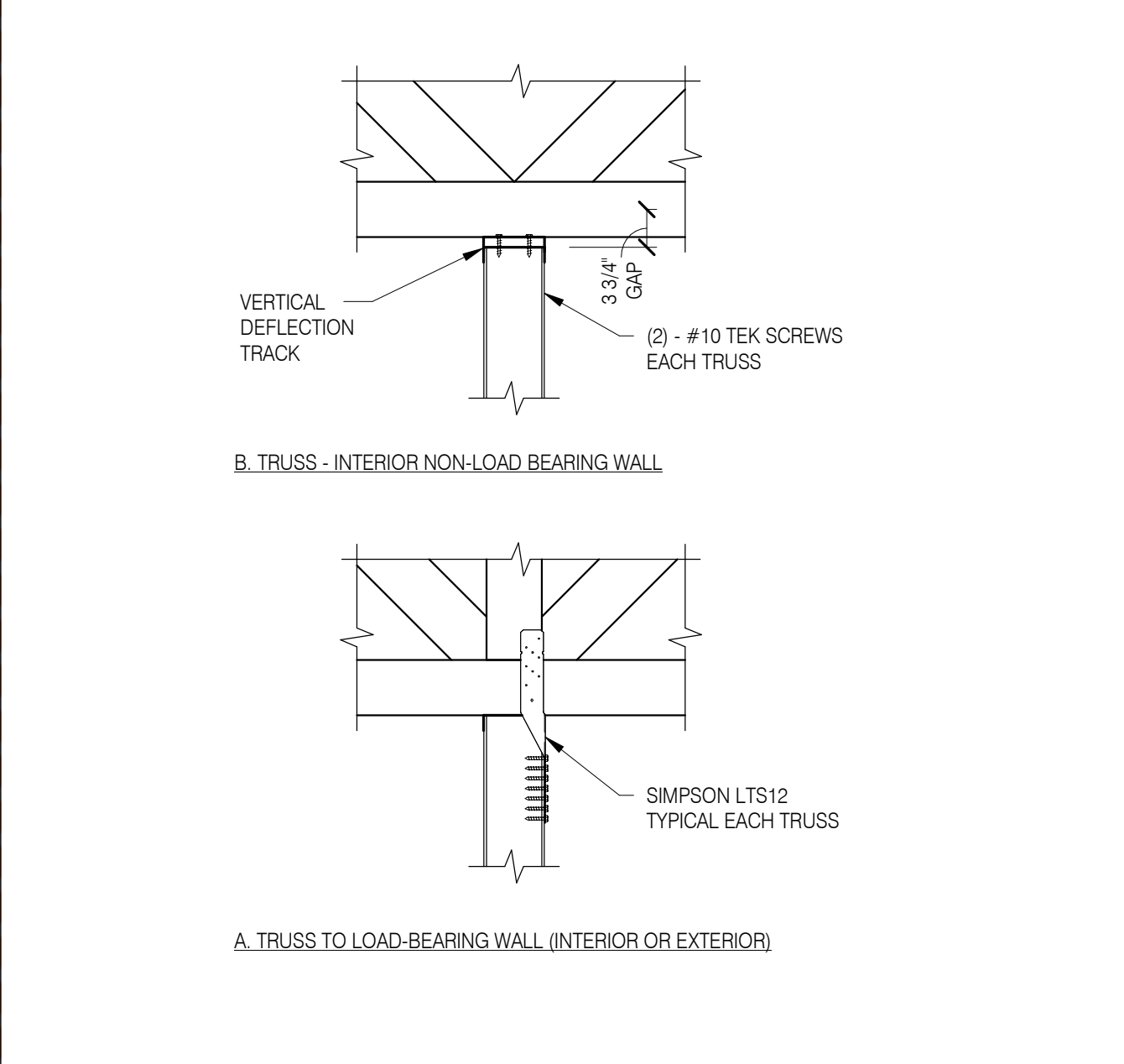
9	DETAIL AT HIGH ROOF OVERHANG	1" = 1'-0"
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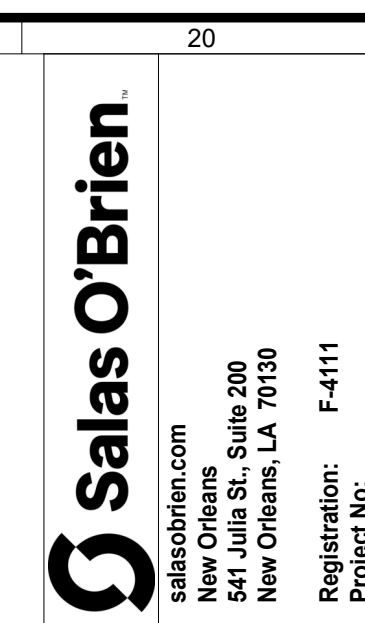
5	TRUSS DRAG STRUT CONNECTION	3/4" = 1'-0"
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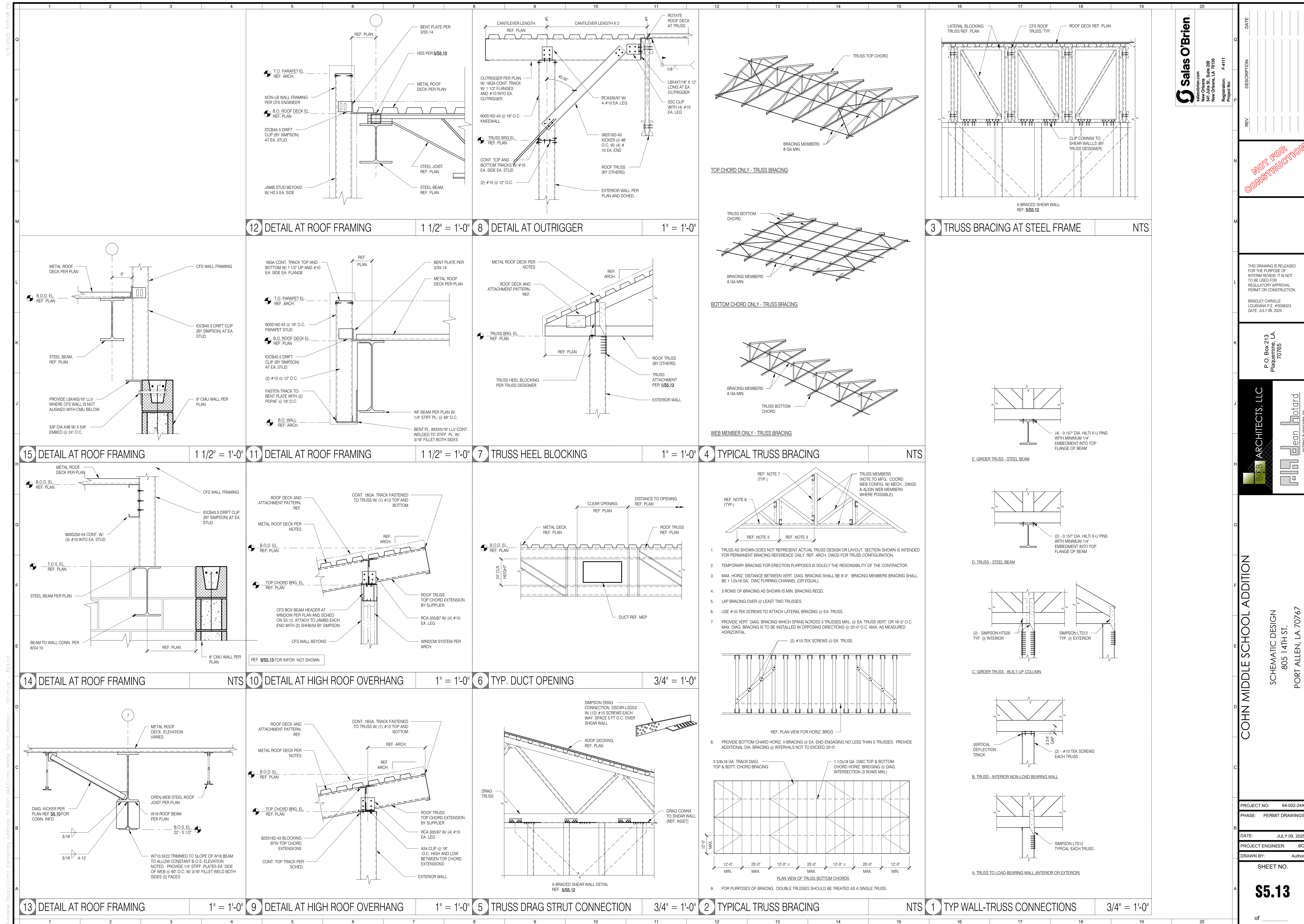
2	TYPICAL TRUSS BRACING	NTS
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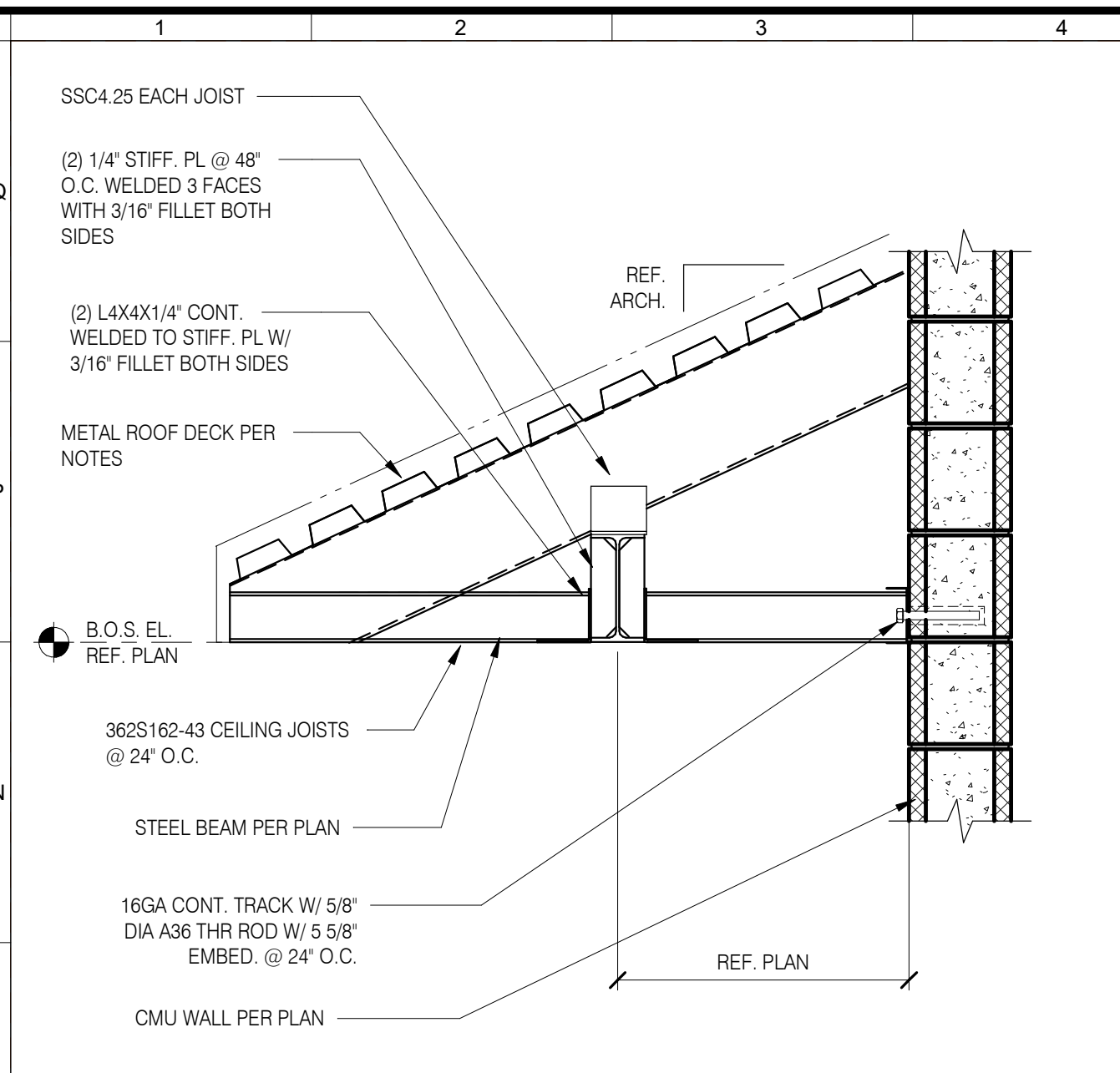
1	TYP WALL-TRUSS CONNECTIONS	3/4" = 1'-0"
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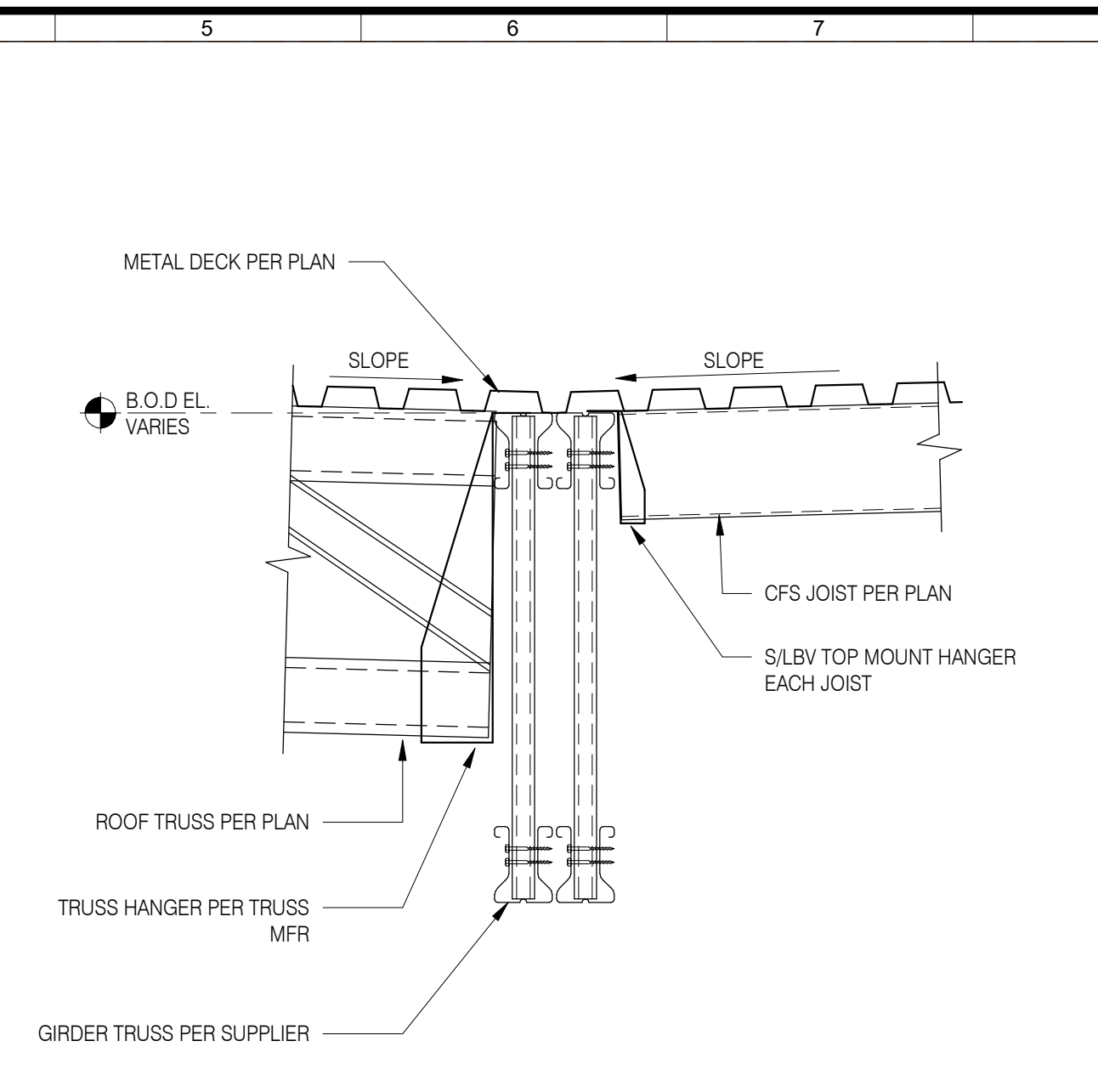
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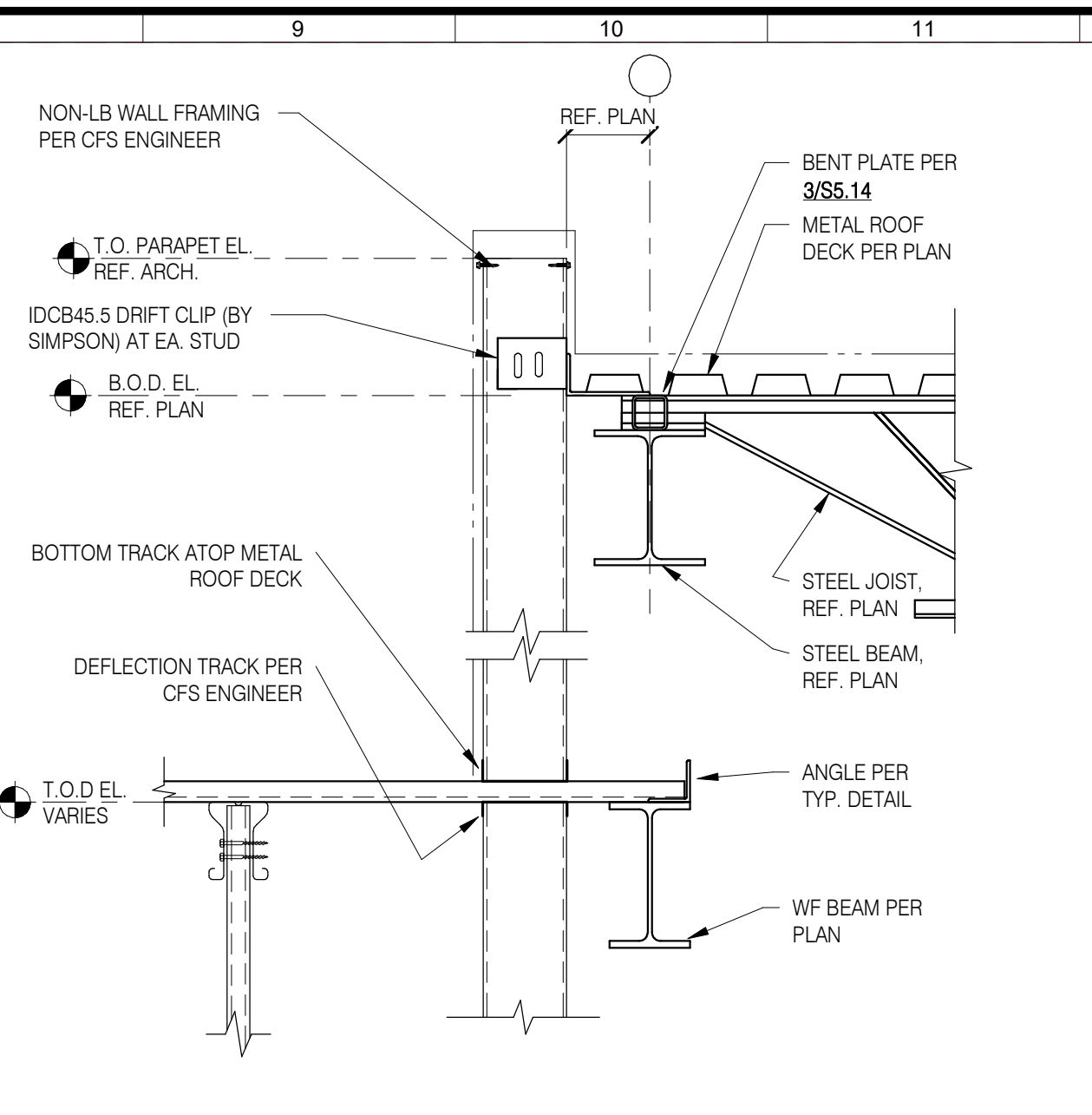
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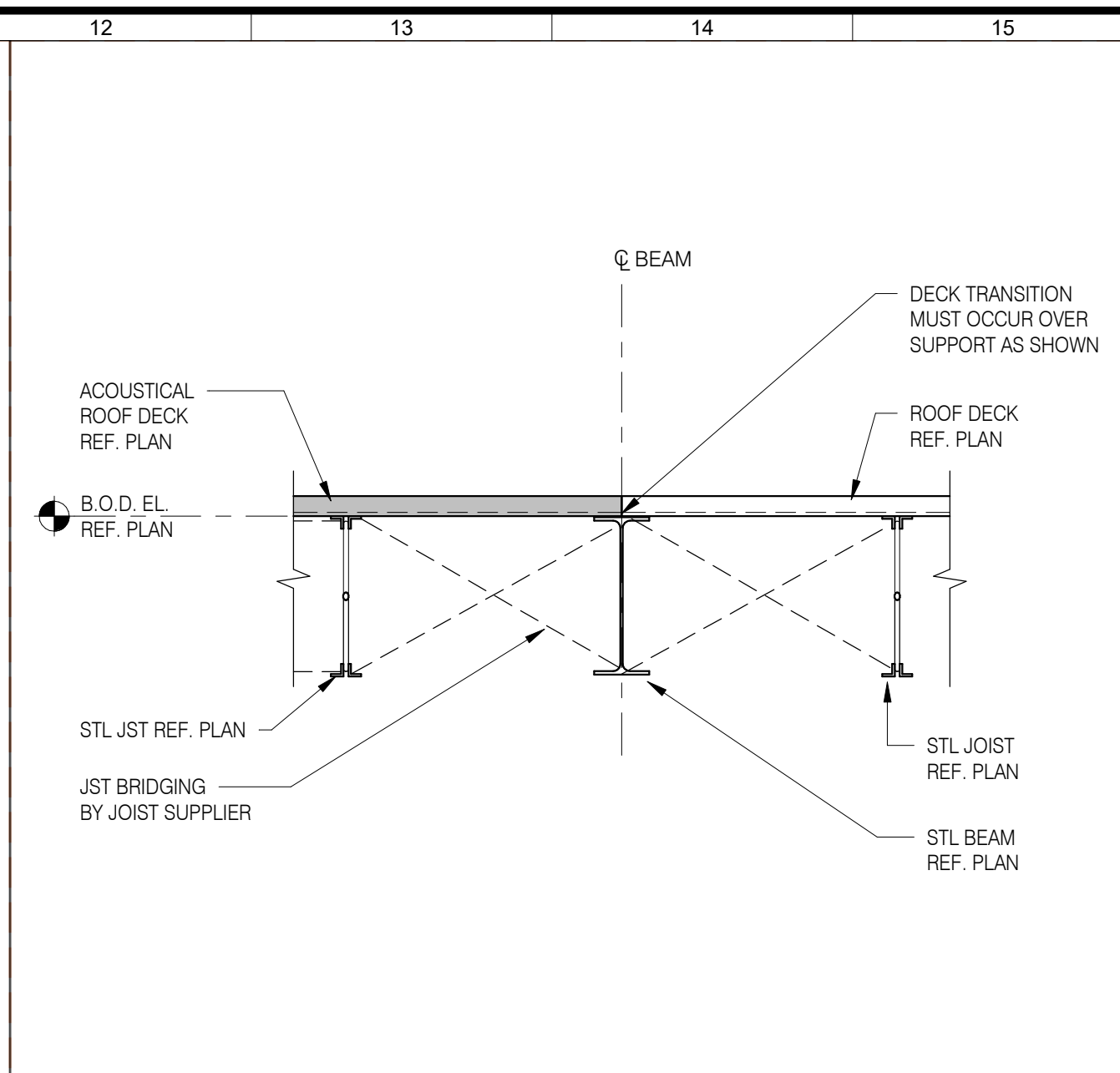
17 TRUSS AT STEEL BM DETAIL 1" = 1'-0"



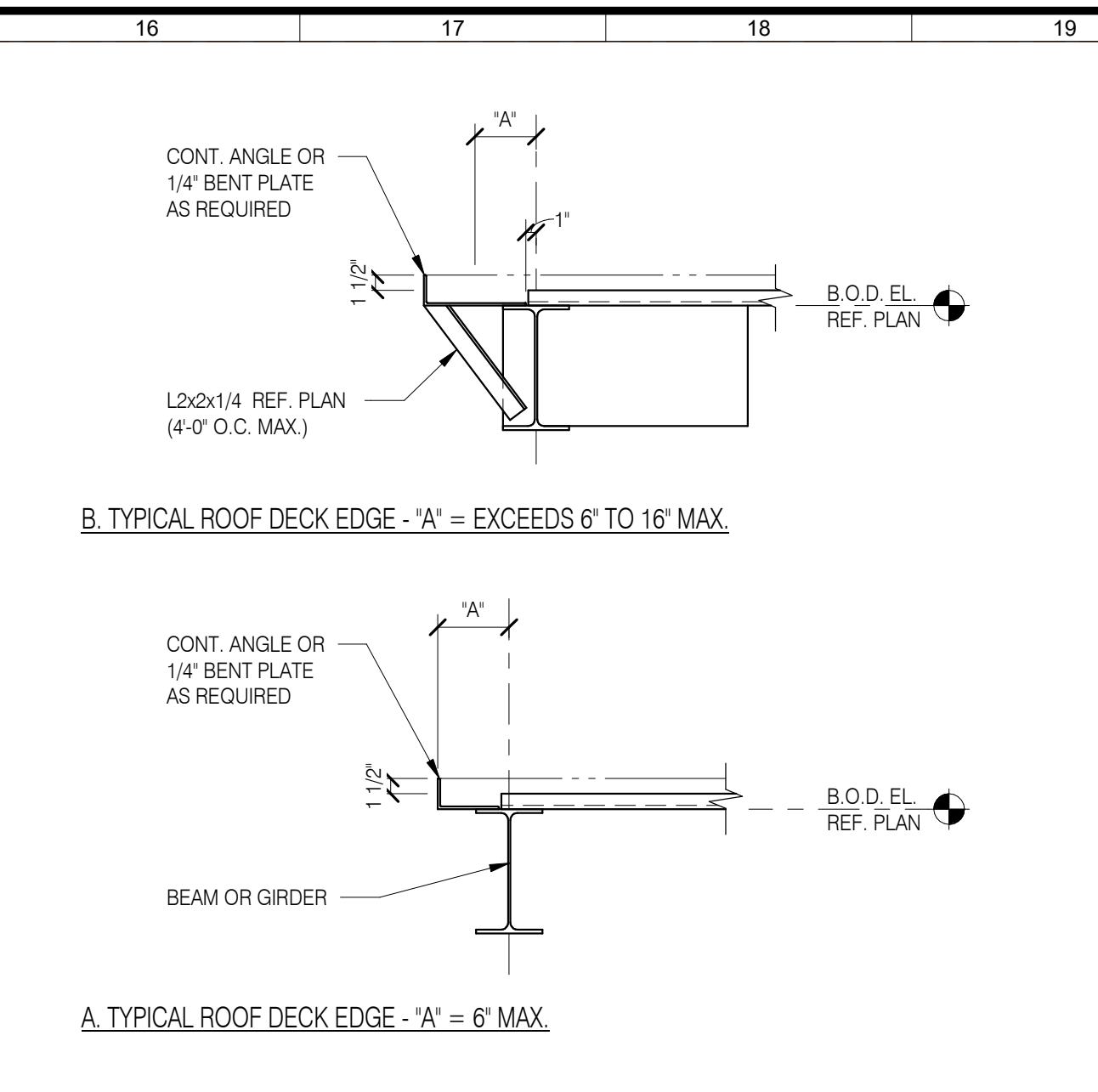
14 DETAIL AT SLOPED ROOF 1" = 1'-0"



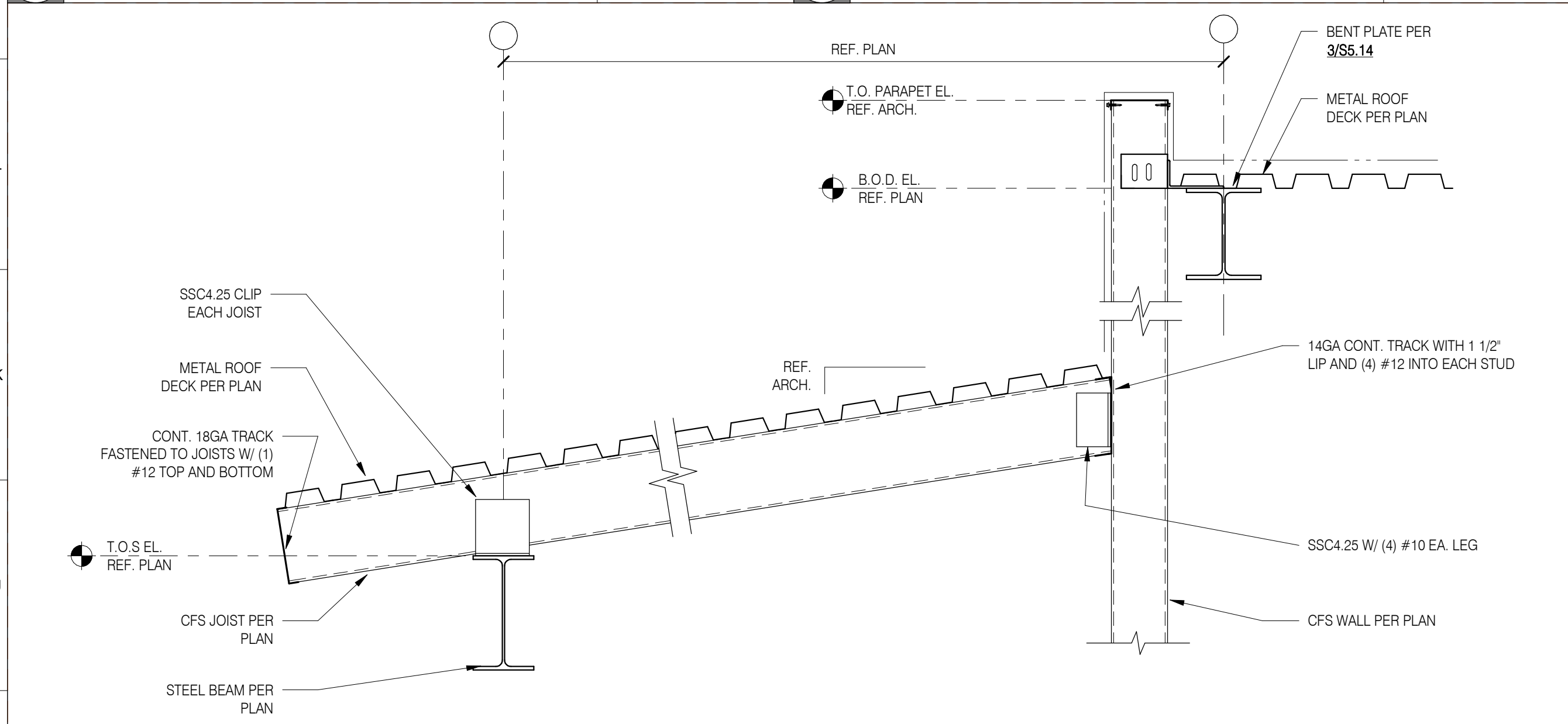
12 DETAIL AT SLOPED ROOF 1" = 1'-0"



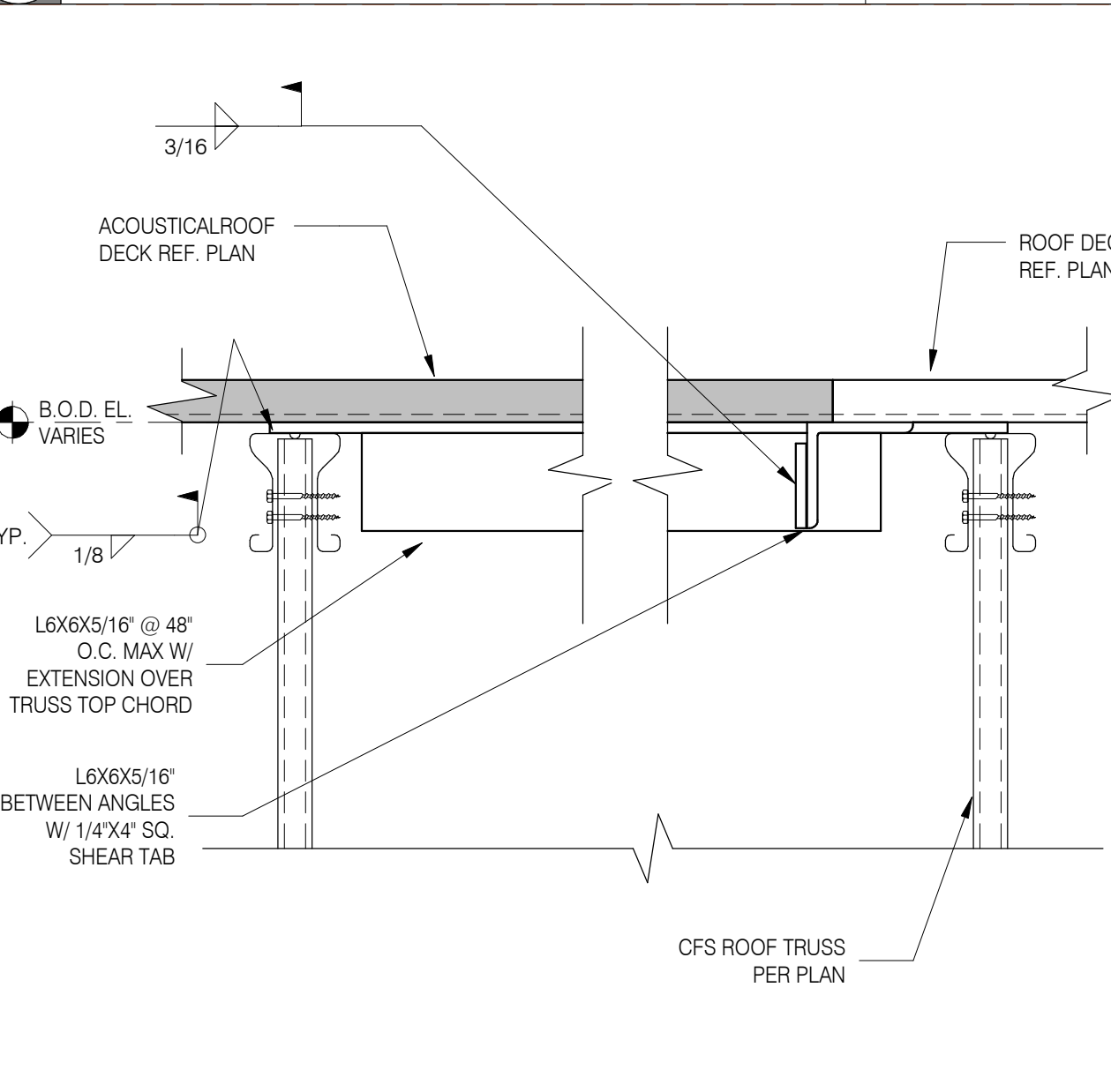
10 DTL AT ACOUSTICAL DECK TRANS. NTS



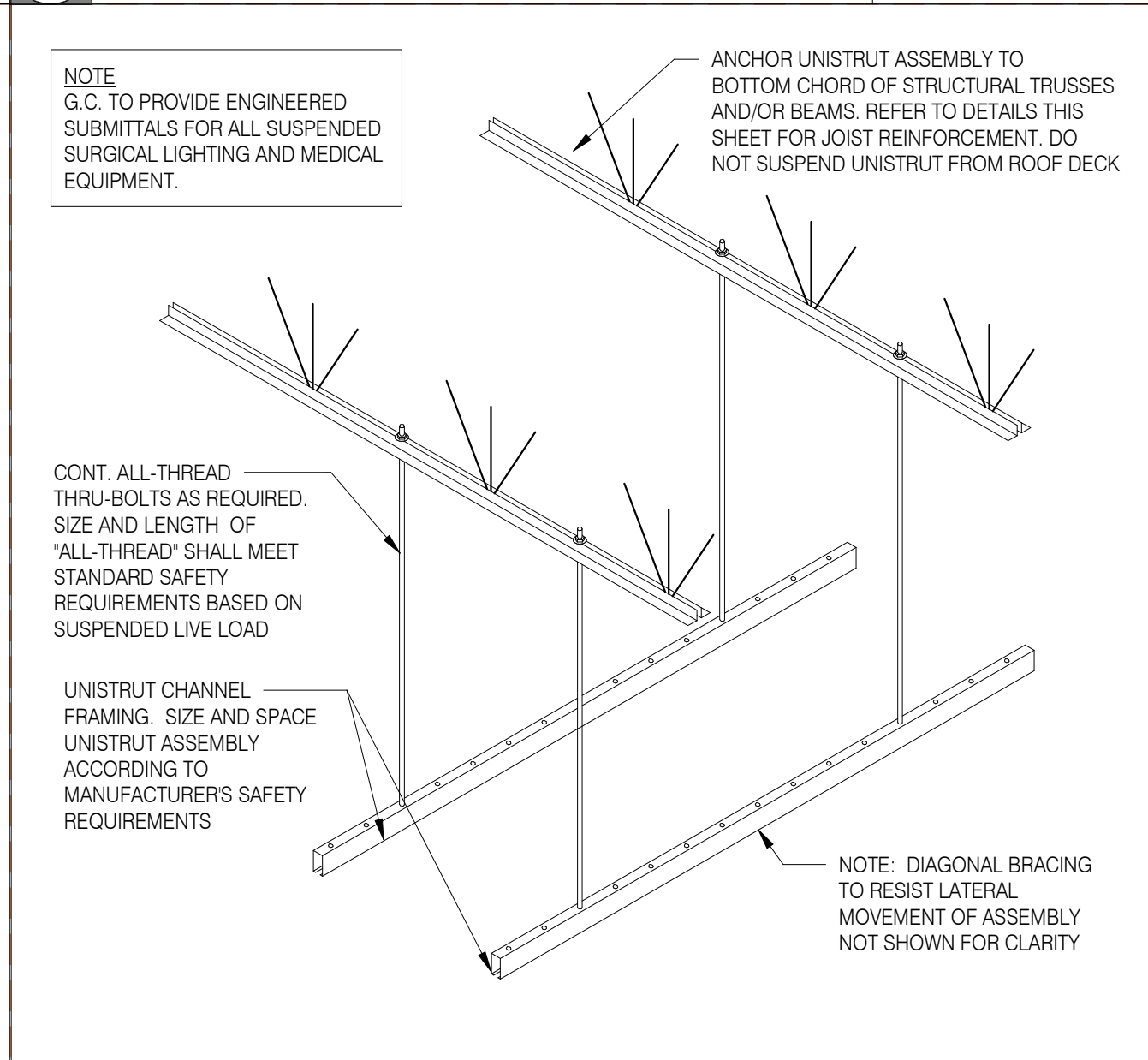
4 TYP. ROOF DETAILS NTS



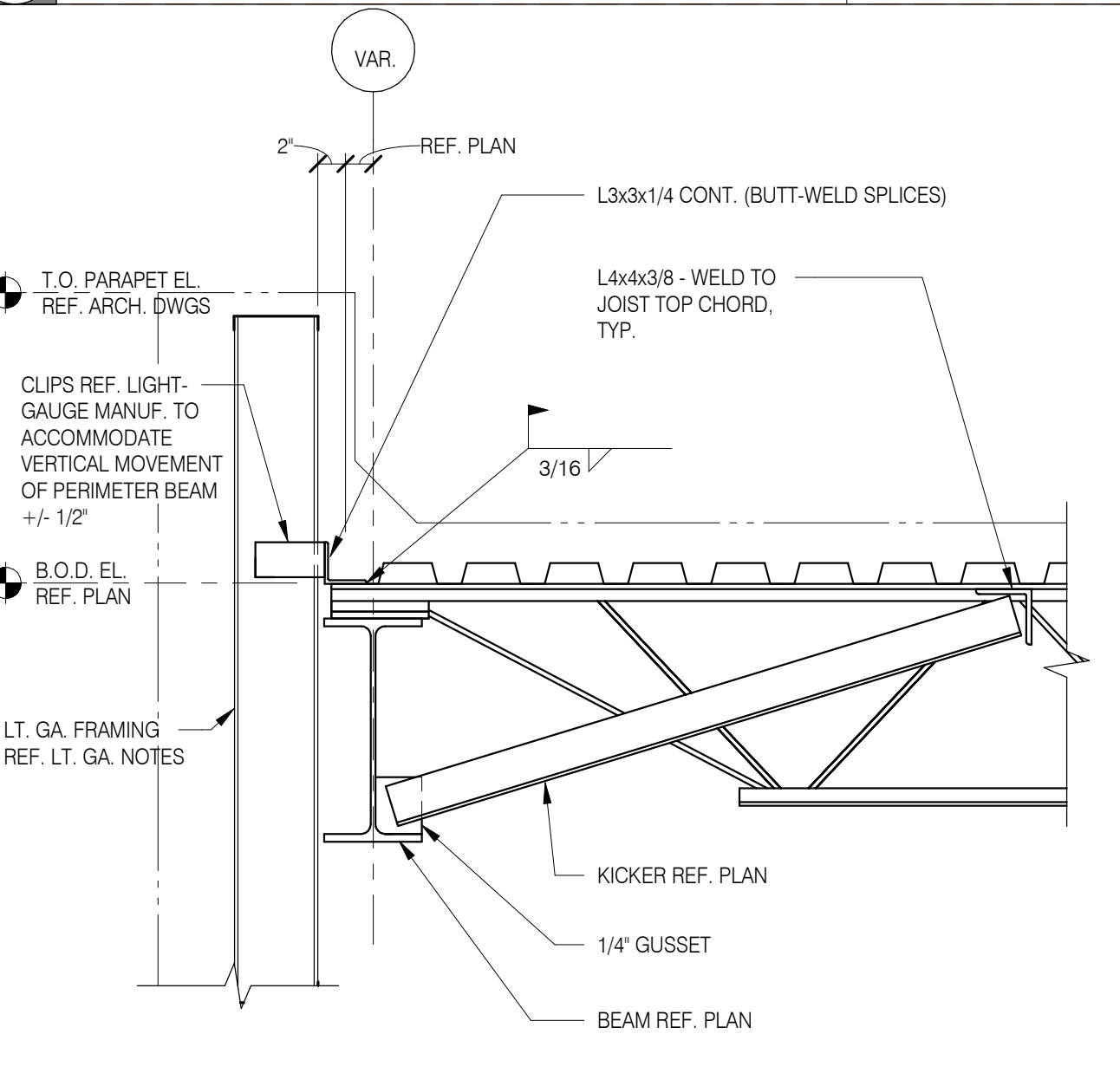
13 DETAIL AT ROOF JOISTS 1" = 1'-0"



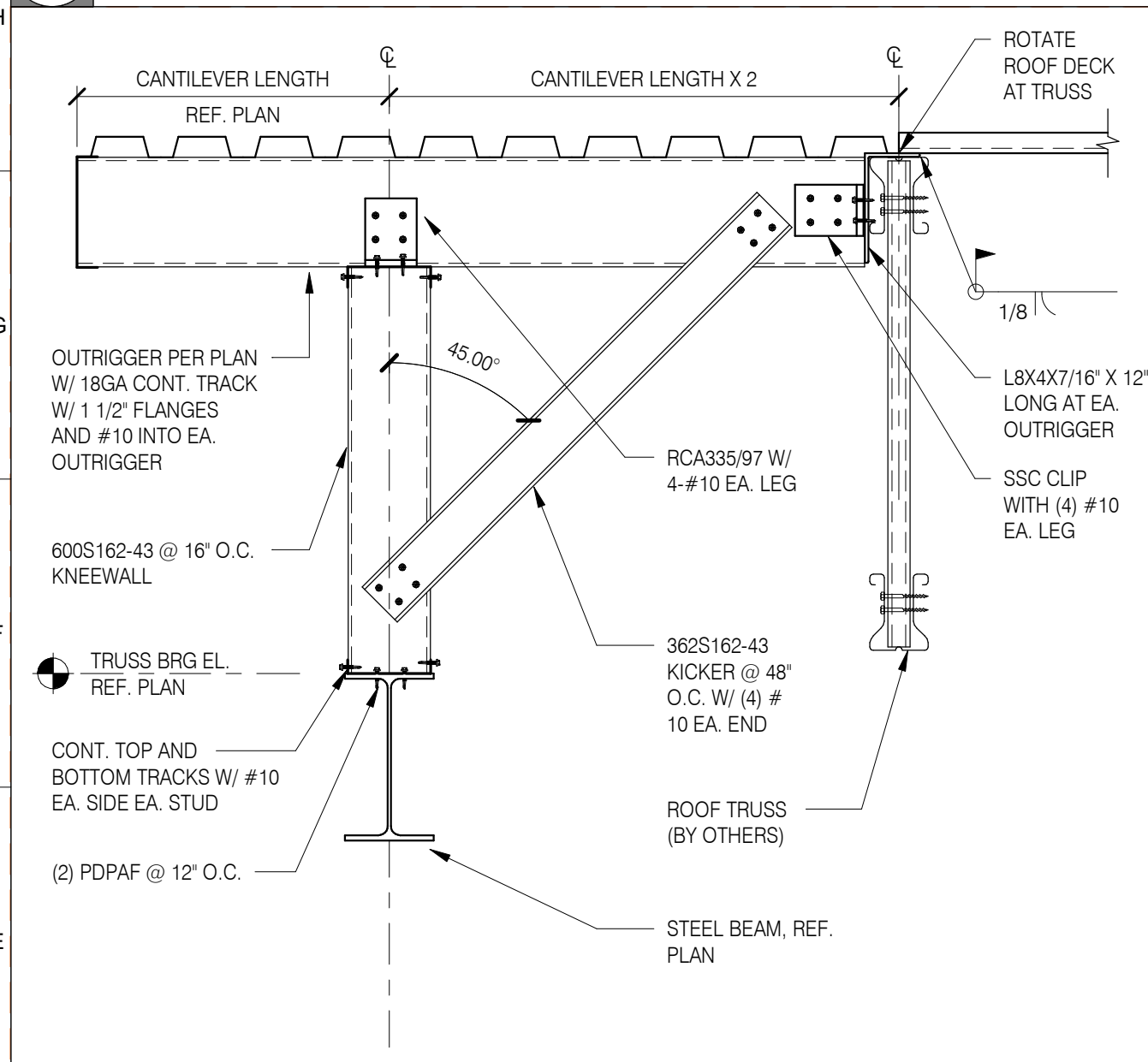
11 DTL AT ACOUS. DECK TRANS @ CFS NTS



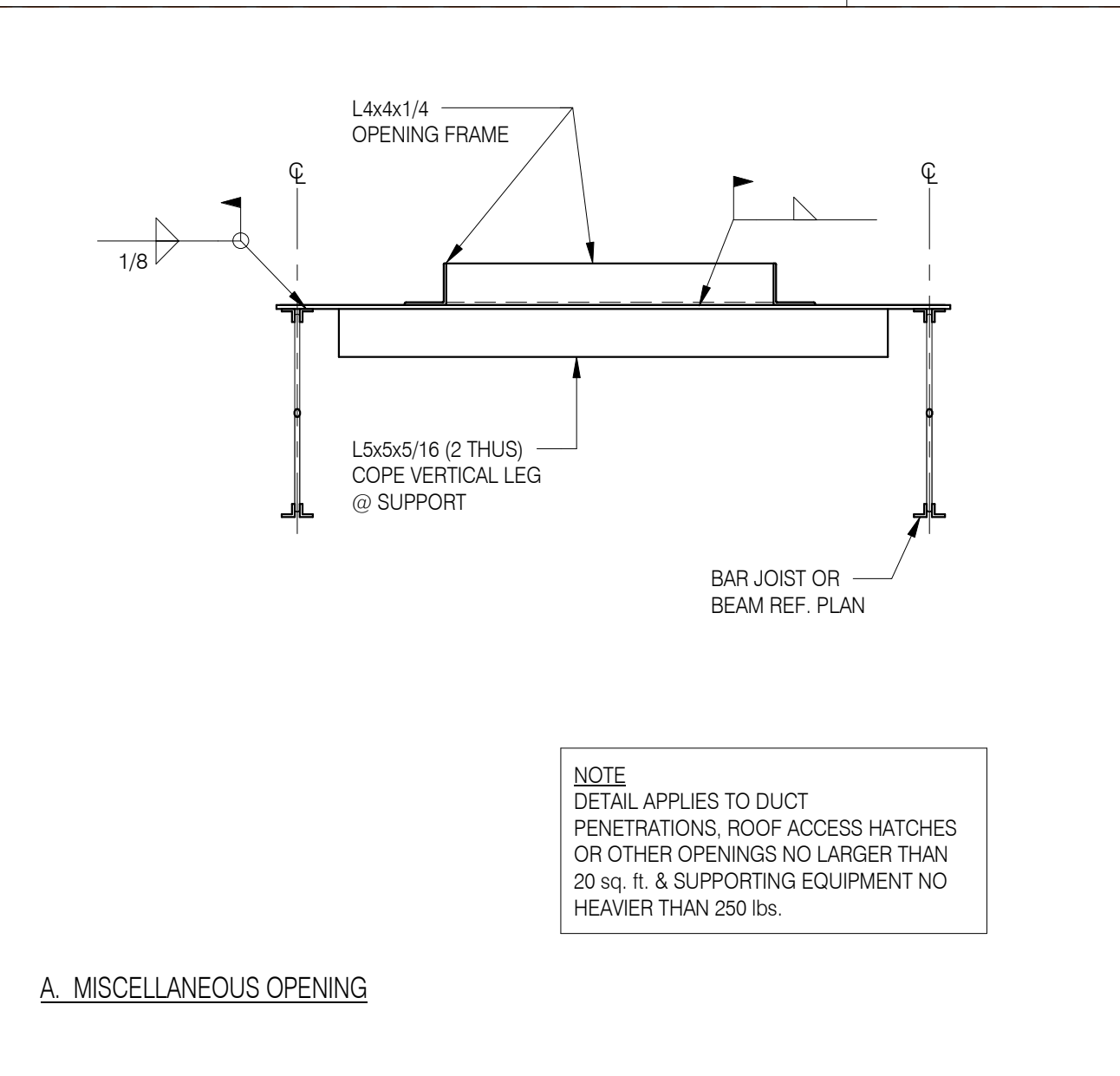
7 SUSPENDED EQUIP. SUPPORT DTL NTS



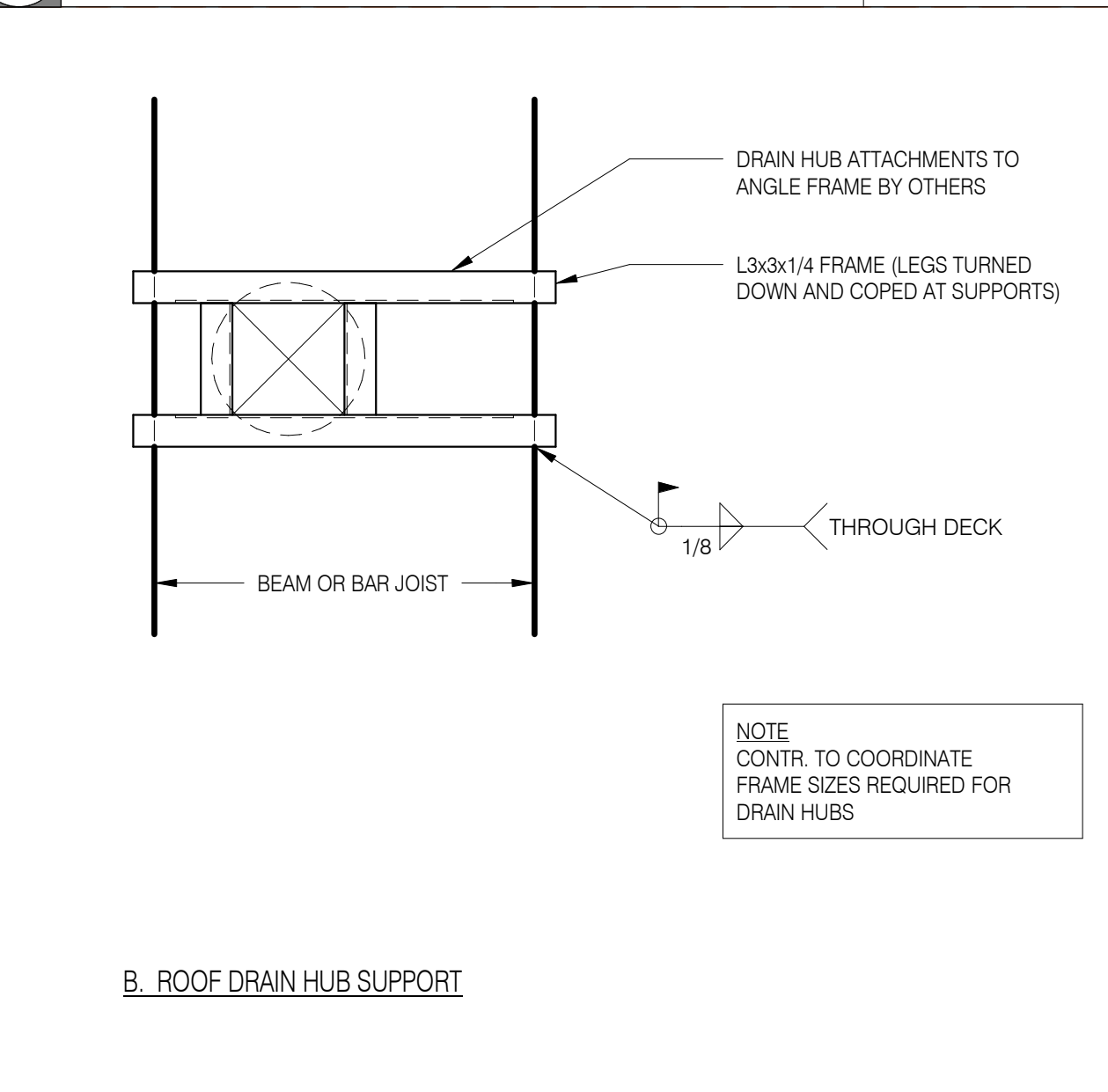
3 TYP. DTL AT DIAG. KICKER 1" = 1'-0"



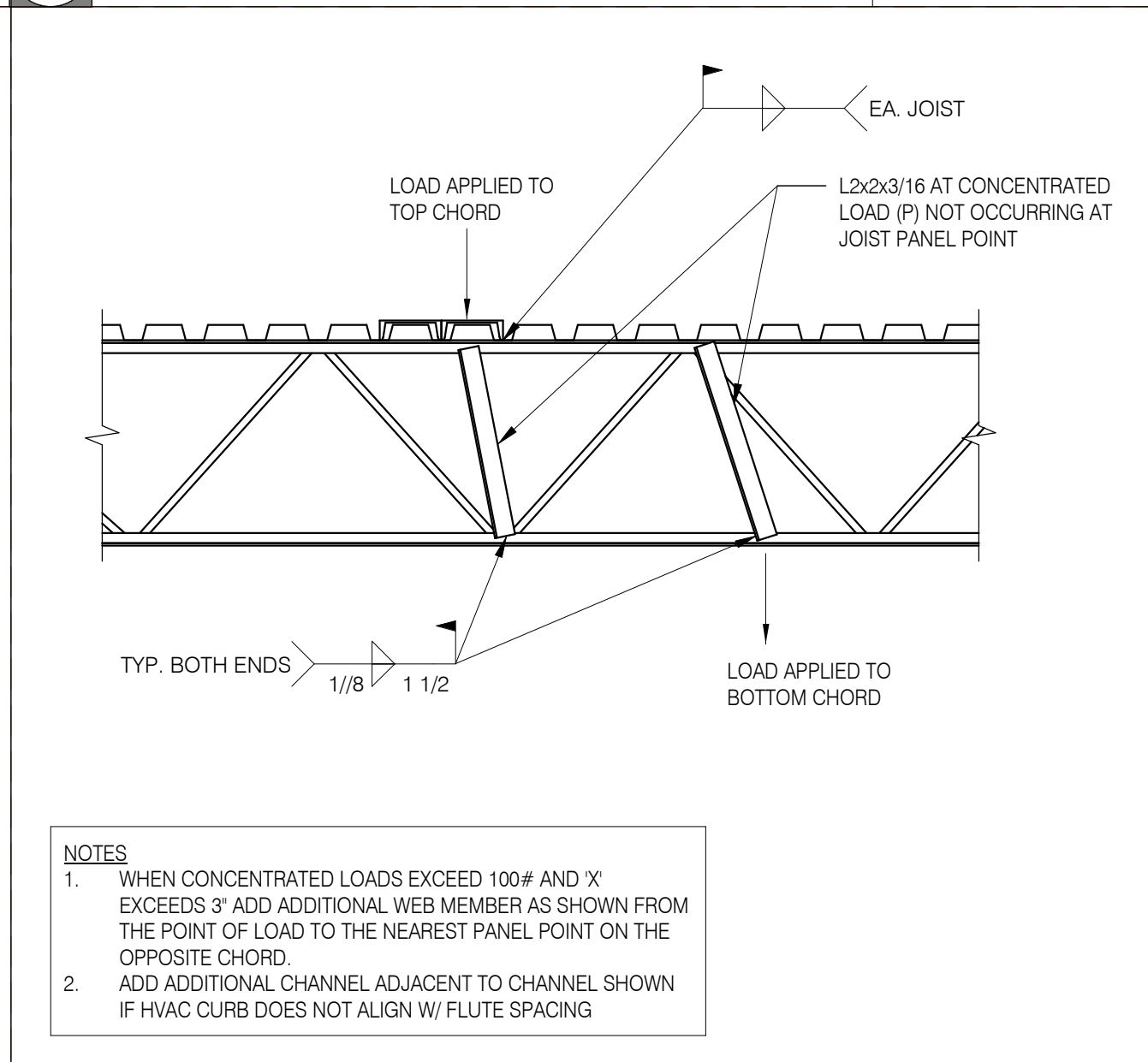
16 DETAIL AT OUTRIGGER 1" = 1'-0"



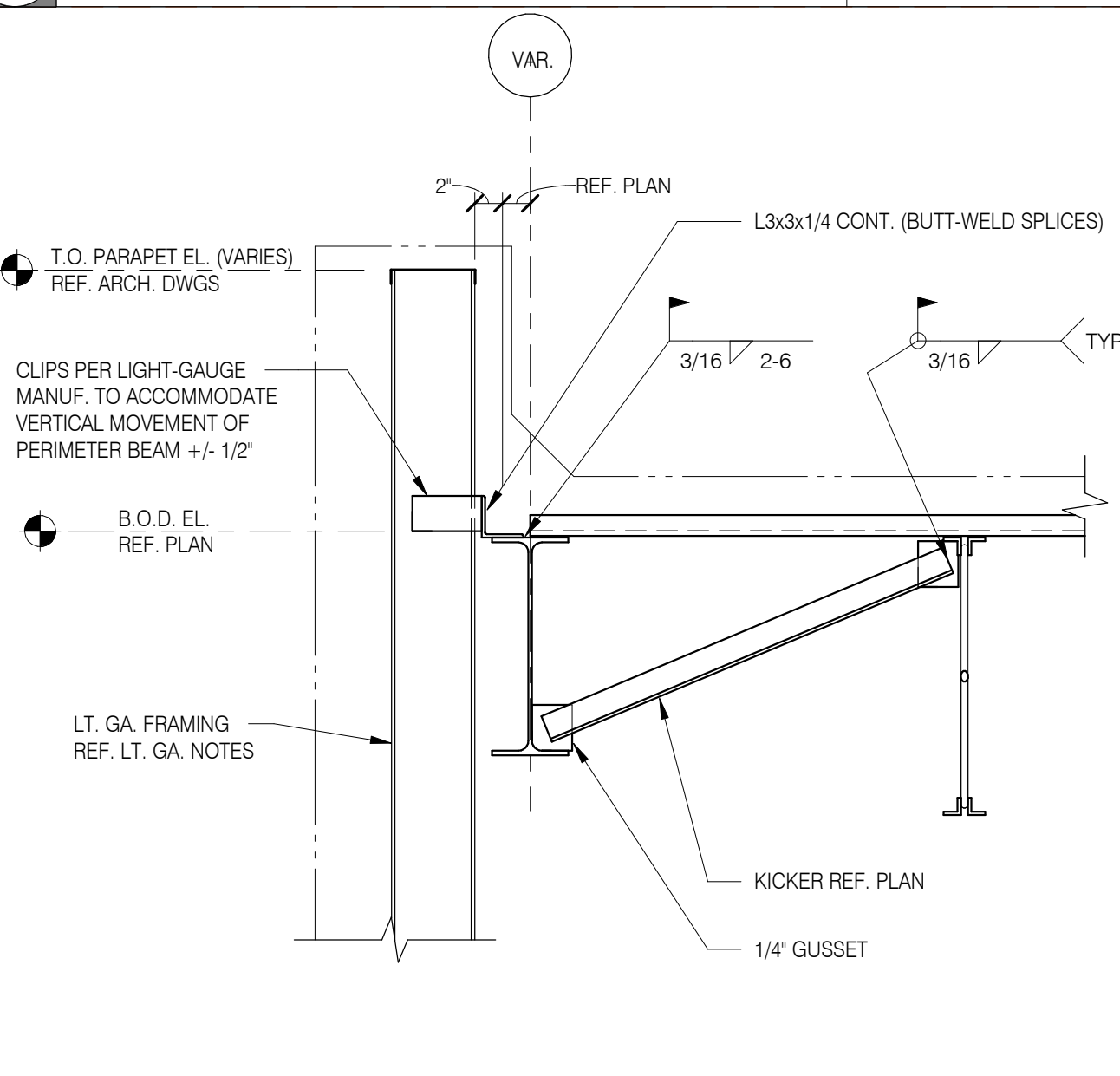
9 TYP. ROOF PENETRATION DETAILS 1" = 1'-0"



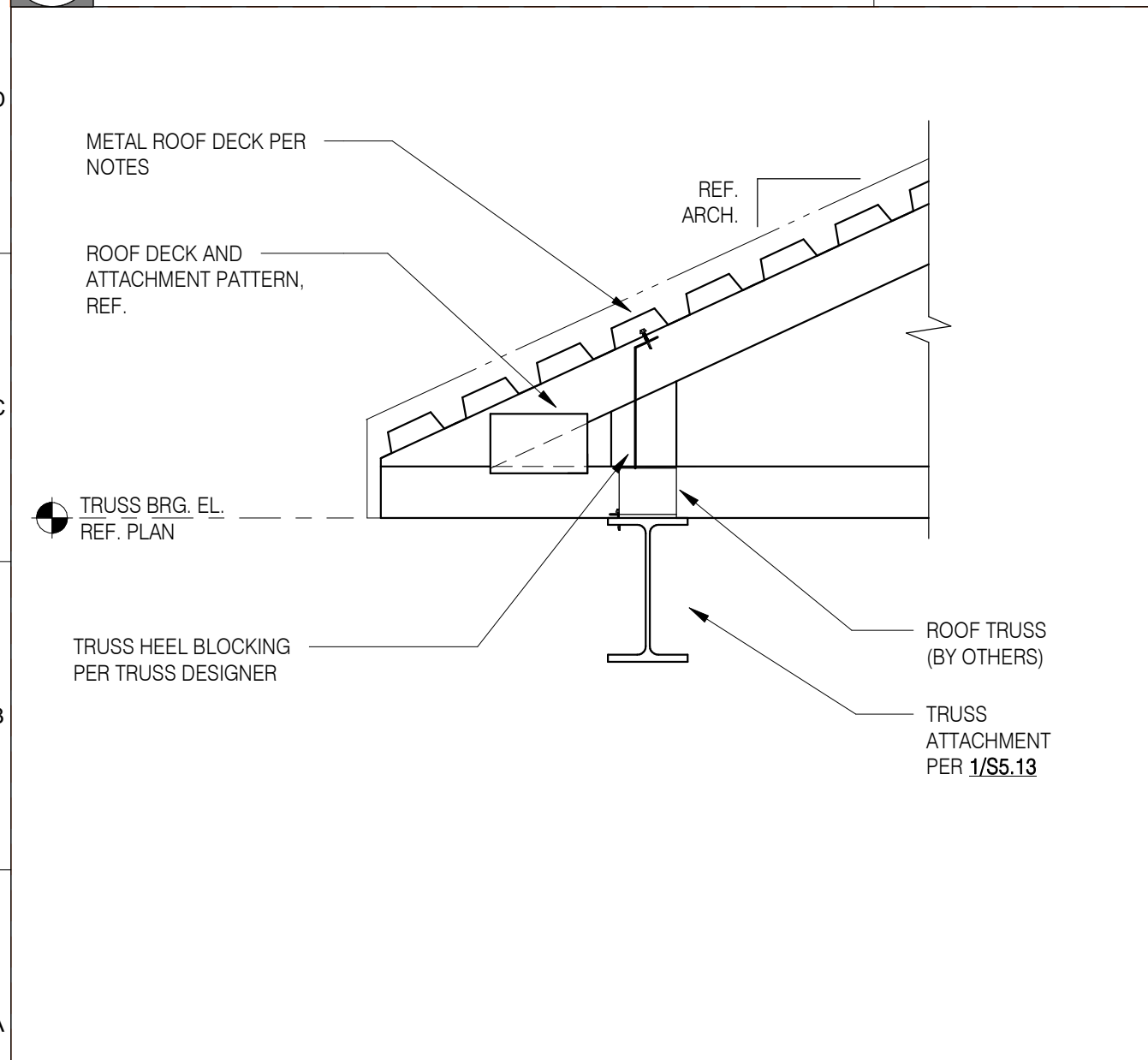
11 DTL AT ACOUS. DECK TRANS @ CFS NTS



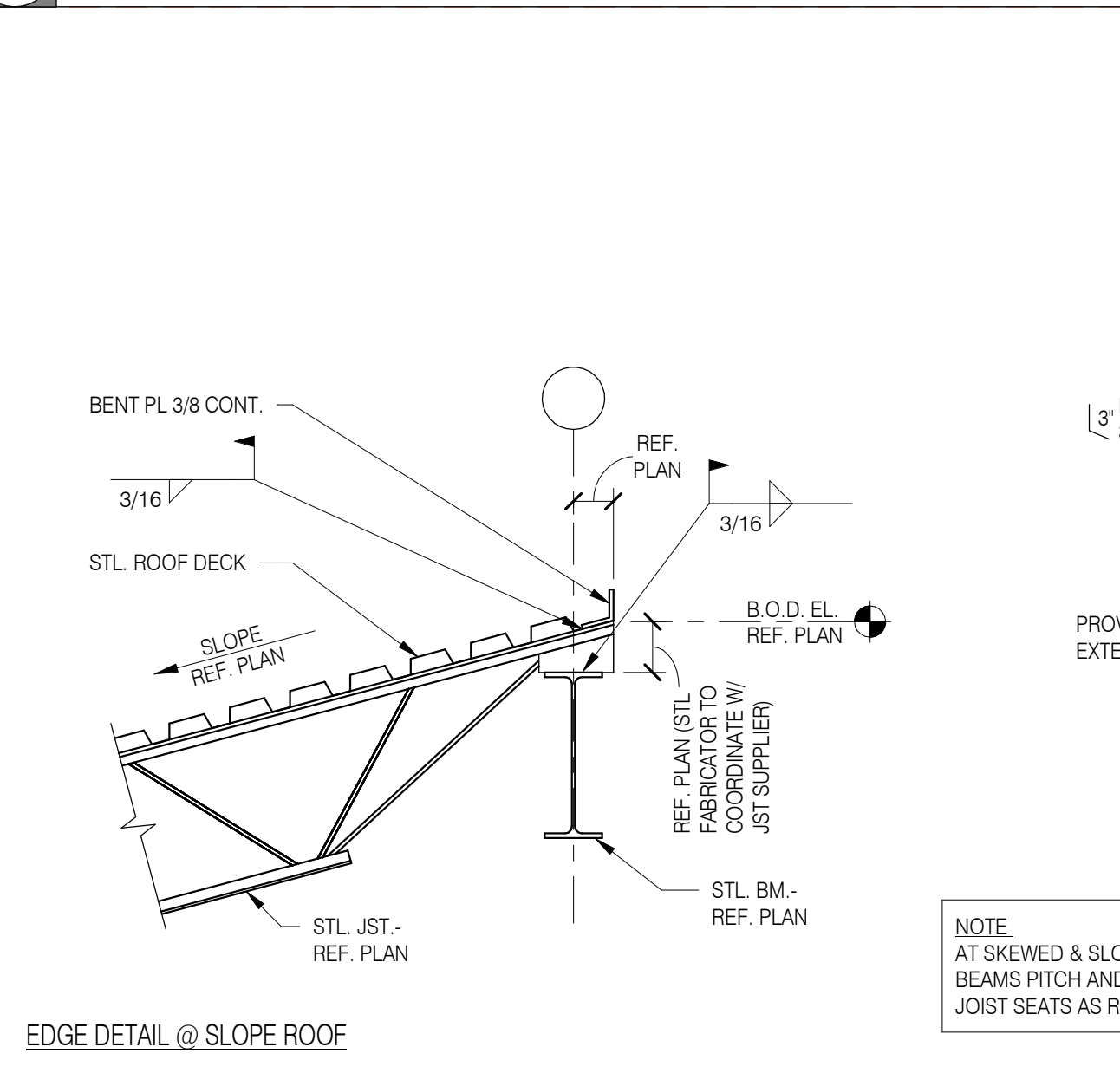
6 BAR JST REINF. POINT LOADS 3/4" = 1'-0"



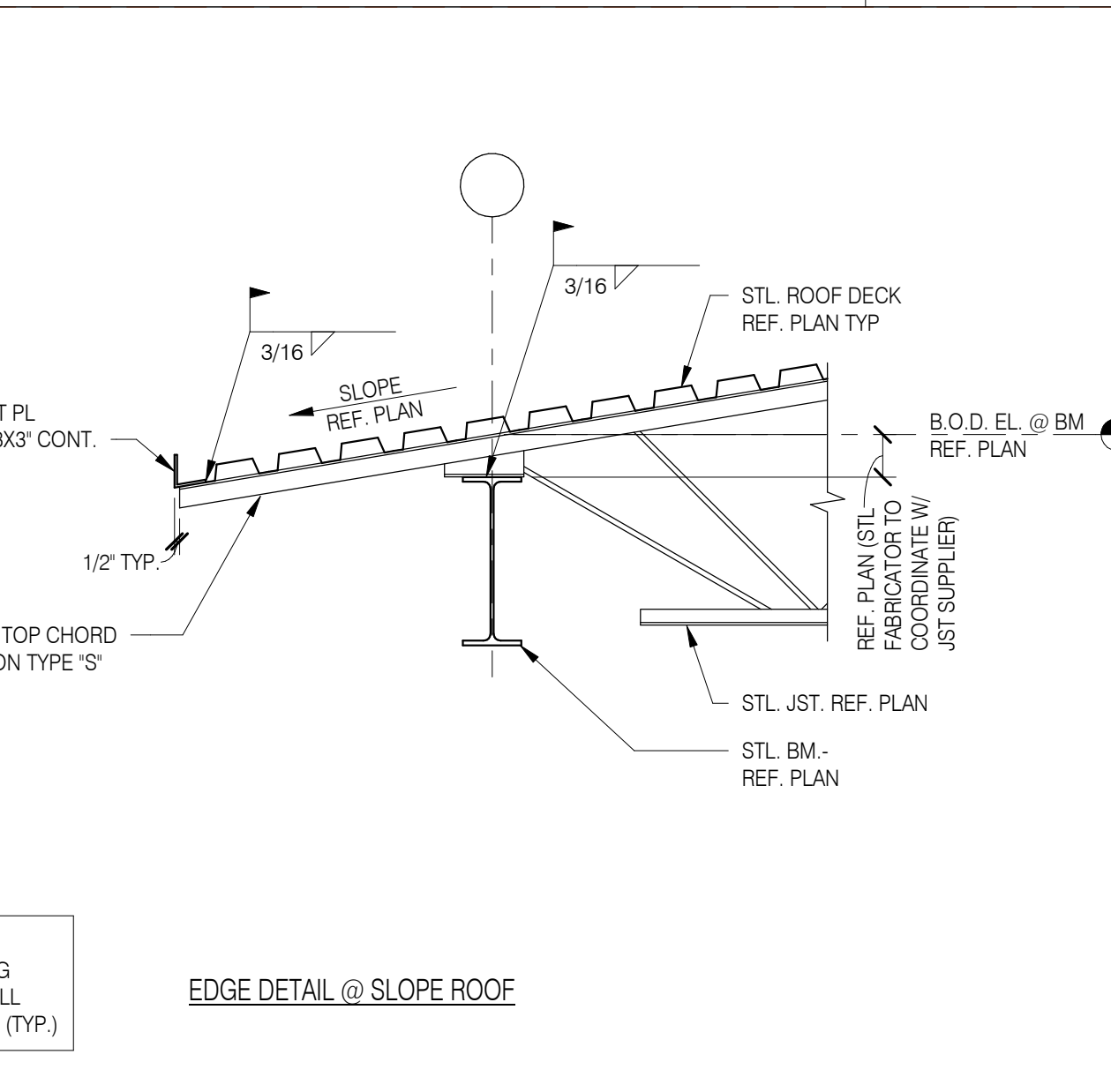
2 TYP. DTL AT DIAG. KICKER 1" = 1'-0"



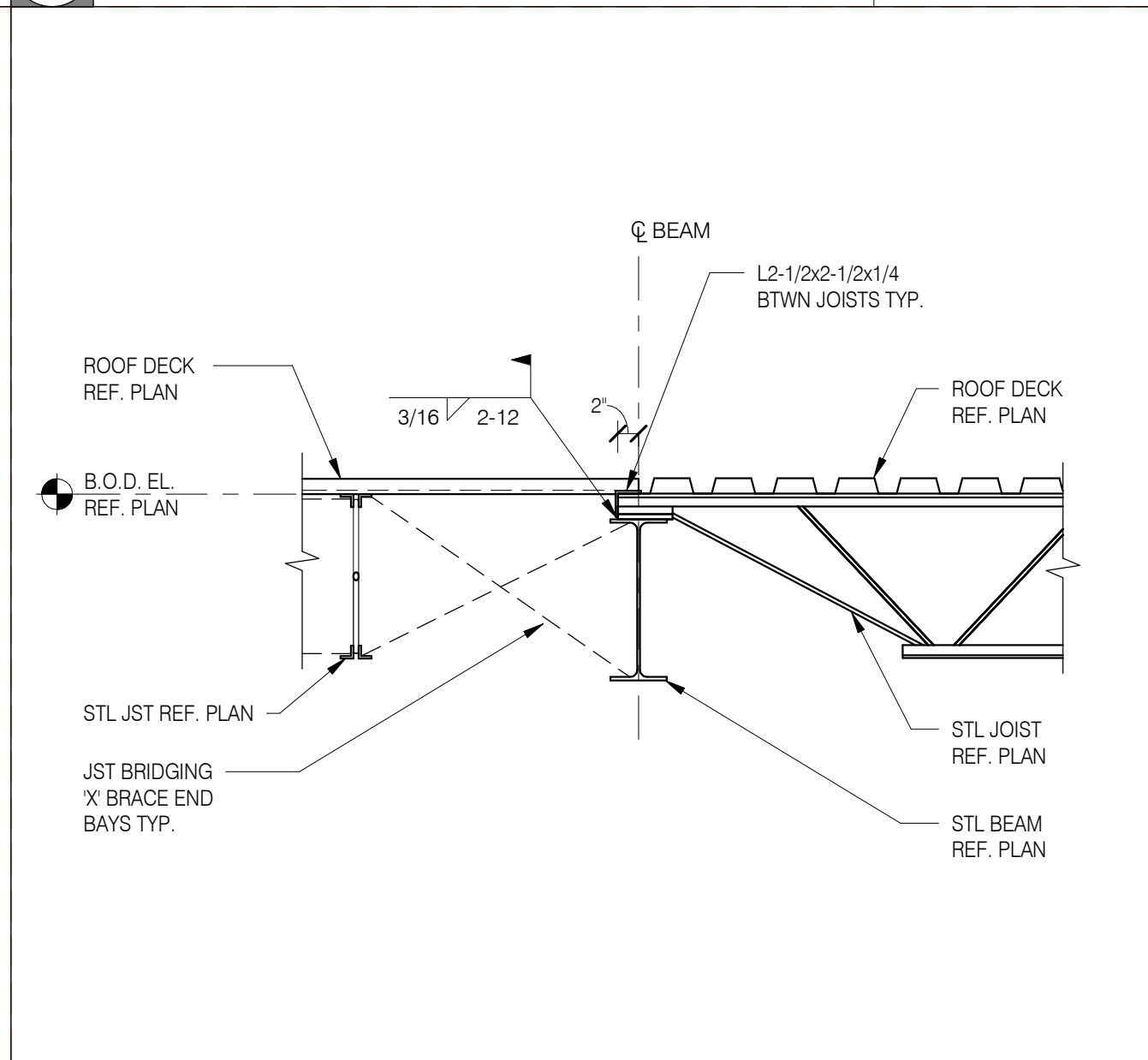
15 TRUSS AT STEEL BM DETAIL 1" = 1'-0"



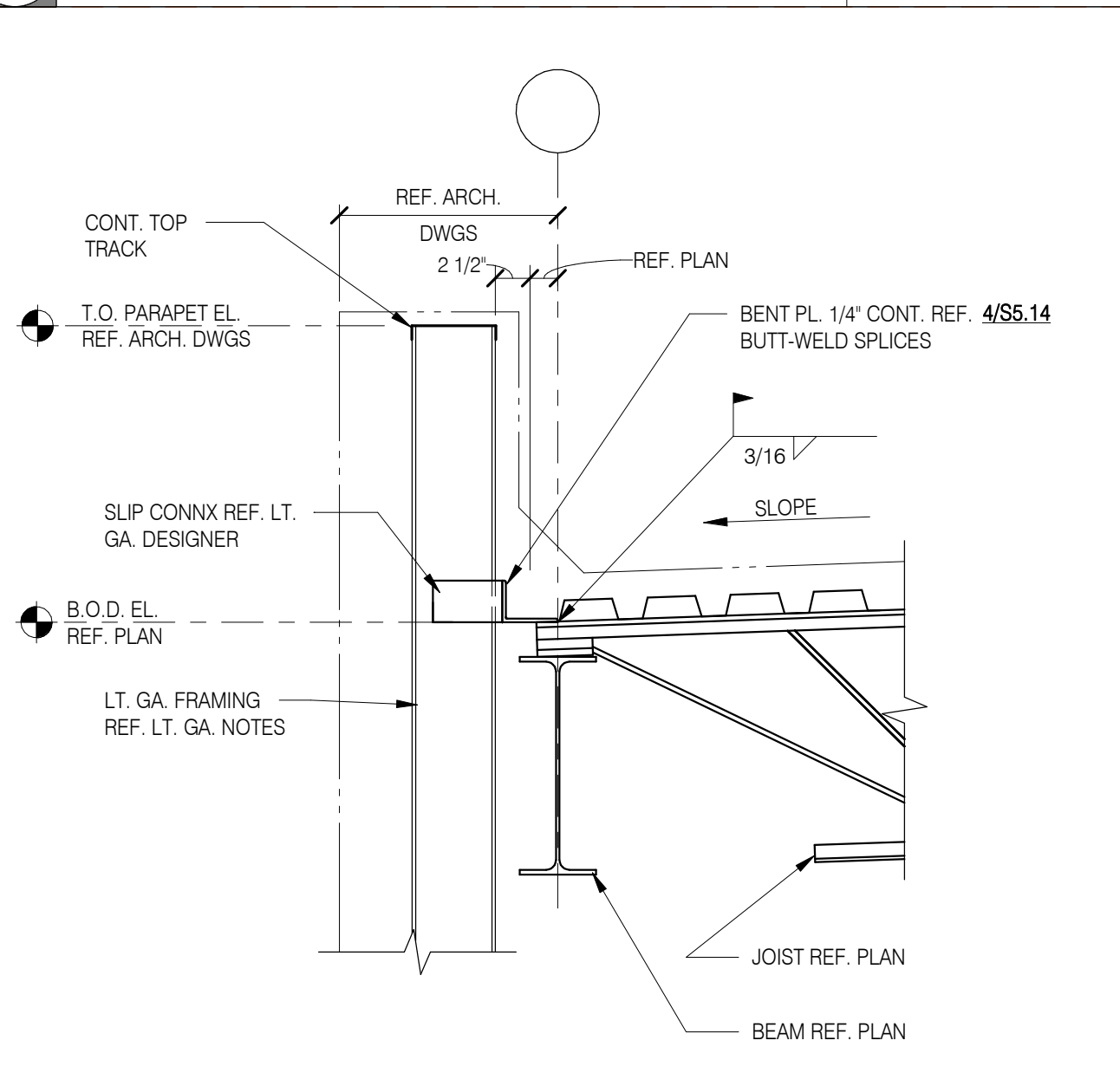
8 TYP. BAR JOIST DETAILS 1" = 1'-0"



11 DTL AT ACOUS. DECK TRANS @ CFS NTS



5 DECK SPAN DIRECTION CHANGE 3/4" = 1'-0"



1 PERIMETER PERP. TO BEAM 1" = 1'-0"

Salas O'Brien

salasobrien.com

New Orleans
1001 Poydras St., Suite 200
New Orleans, LA 70139

Registration:
F-4111

PROJECT NO.:

64-002-244

DATE:

JULY 9, 2025

PROJECT ENGINEER:

BC

DRAWN BY:

YD

SHEET NO.

55.14

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DATE

DESCRIPTION

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BRADLEY CARVILLE
LOUISIANA P.E. #0038323
DATE: JULY 9, 2025

P.O. Box 213
Plaquemine, LA
70765

ARCHITECTS, LLC

John Notard

COHN ENRICHMENT ADDITION

PERMIT DRAWINGS
805 14TH ST.
PORT ALLEN, LA 70767

PROJECT NO.:

64-002-244

PHASE:

PERMIT DRAWINGS

DATE:

JULY 9, 2025

PROJECT ENGINEER:

BC

DRAWN BY:

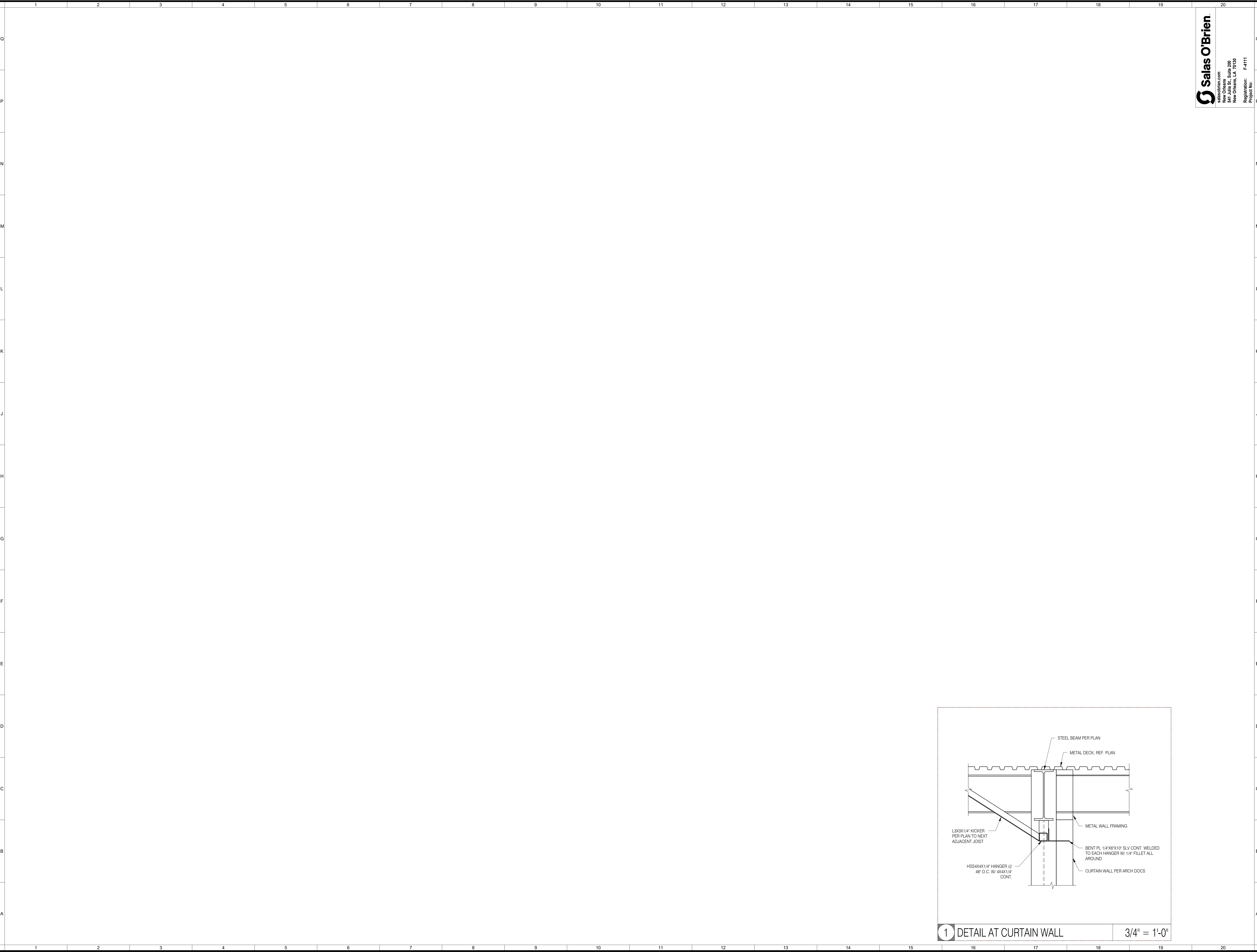
YD

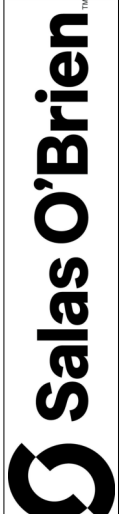
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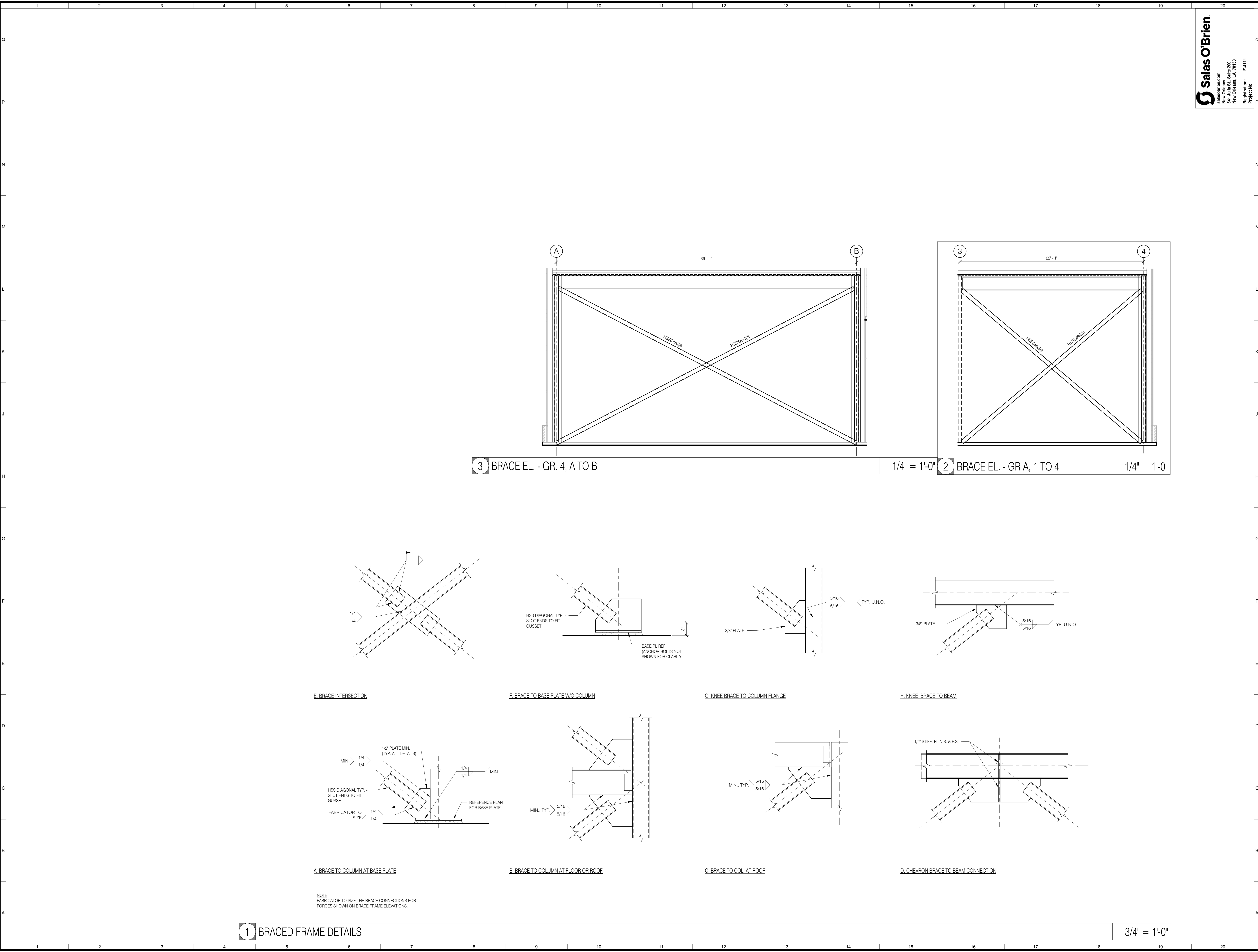


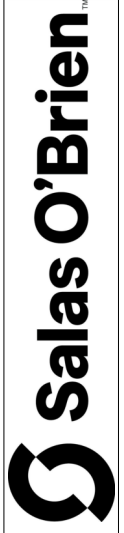
Salas O'Brien
salasobrien.com
New Orleans
100 Poydras Street, Suite 200
New Orleans, LA 70139
Registration: F-4111
Project No:

20

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COHN ENRICHMENT ADDITION														NOT FOR CONSTRUCTION		
PROJECT NO: 64-002-24A														THIS DRAWING IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW. IT IS NOT TO BE USED FOR REGULATORY APPROVAL PERMIT OR CONSTRUCTION.		
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DATE: JULY 9, 2025														P.O. Box 213 Plaquemine, LA 70765		
PROJECT ENGINEER: BC														P.O. Box 213 Plaquemine, LA 70765		
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SHEET NO.														P.O. Box 213 Plaquemine, LA 70765		
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Salas O'Brien

salasobrien.com

New Orleans
100 Poydras Street, Suite 200
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Registration: F-4111
Expiry: 12/31/2025

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DESCRIPTION

DATE

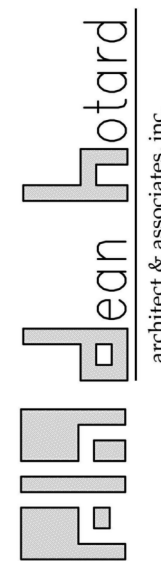
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BRADLEY CARVILLE
LOUISIANA P.E. #0038323
DATE: JULY 9, 2025

P.O. Box 213
Plaquemine, LA 70765

BCB ARCHITECTS, LLC



Clean Motard

ARCHITECTS & ASSOCIATES, LLC

COHN ENRICHMENT ADDITION

PERMIT DRAWINGS
805 14TH ST.
PORT ALLEN, LA 70767

PROJECT NO: 64-002-24A

PHASE: PERMIT DRAWINGS

DATE: JULY 9, 2025

PROJECT ENGINEER: BC

DRAWN BY: YD

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