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SCHEDULE OF SPECIAL INSPECTIONS			
NCSBC SECTION 1705.21 - REQUIRED VERIFICATION AND INSPECTION OF STRUCTURAL STEEL			
AISC 360 TABLE N5.4-1 - INSPECTION TASKS PRIOR TO WELDING			
VERIFICATION AND INSPECTION		QUALITY CONTROL	QUALITY ASSURANCE
1. WELDING PROCEDURE SPECIFICATIONS (WPSs) AVAILABLE.		P	P
2. MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE.		P	P
3. MATERIAL IDENTIFICATION. (TYPE/GRADE)		O	O
4. WELDER IDENTIFICATION SYSTEM ¹		O	O
5. FIT-UP OF GROOVE WELD (INCLUDING JOINT GEOMETRY)		O	O
• JOINT PREPARATION			
• DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL)			
• CLEANLINESS (CONDITION OF STEEL SURFACES)			
• TACKING (TACK WELD QUALITY AND LOCATION)			
• BACKING TYPE AND FIT (IF APPLICABLE)			
6. CONFIGURATION AND FINISH OF ACCESS HOLES.		O	O
7. FIT-UP OF FILLET WELDS		O	O
• DIMENSIONS (ALIGNMENT, GAP AT ROOT)			
• CLEANLINESS (CONDITION OF STEEL SURFACES)			
• TACKING (TACK WELD QUALITY AND LOCATION)			
8. CHECK WELDING EQUIPMENT		O	O
¹ THE FABRICATOR OR ERECTOR, AS APPLICABLE, SHALL MAINTAIN A SYSTEM BY WHICH A WELDER WHO HAS WELDED A JOINT OR MEMBER CAN BE IDENTIFIED. STAMPS, IF USED, SHALL BE THE LOW-STRESS TYPE.			
AISC 360 TABLE N5.4-2 - INSPECTION TASKS DURING WELDING			
VERIFICATION AND INSPECTION		QUALITY CONTROL	QUALITY ASSURANCE
1. USE OF QUALIFIED WELDERS		O	O
2. CONTROL AND HANDLING OF WELDING CONSUMABLES.		O	O
• PACKAGING			
• EXPOSURE CONTROL			
3. NO WELDING OVER CRACKED TACK WELDS		O	O
4. ENVIRONMENTAL CONDITIONS		O	O
• WIND SPEED WITHIN LIMITS			
• PRECIPITATION AND TEMPERATURE			
5. WPS FOLLOWED		O	O
• 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)			
6. WELDING TECHNIQUES		O	O
• INTERPASS AND FINAL CLEANING			
• EACH PASS WITHIN PROFILE LIMITATIONS			
• EACH PASS MEETS QUALITY REQUIREMENTS			
AISC 360 TABLE N5.4-3 - INSPECTION TASKS AFTER WELDING			
VERIFICATION AND INSPECTION		QUALITY CONTROL	QUALITY ASSURANCE
1. WELDS CLEANED		O	O
2. SIZE, LENGTH AND LOCATION OF WELDS		P	P
3. WELDS MEET VISUAL ACCEPTANCE CRITERIA		P	P
• CRACK PROHIBITION			
• WELD/BASE-METAL FUSION			
• CRATER CROSS SECTION			
• WELD PROFILES			
• WELD SIZE			
• UNDERCUT			
• POROSITY			
4. ARC STRIKES		P	P
5. k-AREA ¹		P	P
6. BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED)		P	P
7. REPAIR ACTIVITIES		P	P
8. DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER		P	P
¹ WHEN WELDING OF DOUBLER PLATES, CONTINUITY PLATES OR STIFFENERS HAS BEEN PERFORMED IN THE k-AREA, VISUALLY INSPECT THE WEB k-AREA FOR CRACKS WITH 3 IN. (75mm) OF THE WELD.			
AISC 360 TABLE N5.4-3 - INSPECTION TASKS PRIOR TO BOLTING			
VERIFICATION AND INSPECTION		QUALITY CONTROL	QUALITY ASSURANCE
1. MANUFACTURER'S CERTIFICATION AVAILABLE FOR FASTENER MATERIALS		O	P
2. FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS		O	O
3. PROPER FASTENERS SELECTED FOR THE JOINT DETAIL. (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE)		O	O
4. PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL		O	O
5. CONNECTION ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS		O	O
6. PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED		P	O
7. PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS AND OTHER FASTENER COMPONENTS.		O	O
AISC 360 TABLE N5.4-3 - INSPECTION TASKS DURING BOLTING			
VERIFICATION AND INSPECTION		QUALITY CONTROL	QUALITY ASSURANCE
1. FASTENER ASSEMBLIES, OF SUITABLE CONDITION, PLACED IN ALL HOLES AND WASHERS (IF REQUIRED) ARE POSITIONED AS REQUIRED		O	O
2. JOINT BROUGHT TO BE THE SNU-TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION.		O	O
3. FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FOR ROTATION		O	O
4. FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES		O	O
AISC 360 TABLE N5.4-3 - INSPECTION TASKS AFTER BOLTING			
VERIFICATION AND INSPECTION		QUALITY CONTROL	QUALITY ASSURANCE
1. DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS		P	P
TABLE N6.1 - INSPECTION OF STEEL ELEMENTS OF COMPOSITE CONSTRUCTION PRIOR TO CONCRETE PLACEMENT			
VERIFICATION AND INSPECTION		QUALITY CONTROL	QUALITY ASSURANCE
1. PLACEMENT AND INSTALLATION OF STEEL DECK		P	P
2. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS		P	P
3. DOCUMENT ACCEPTANCE OR REJECTION OF STEEL ELEMENTS		P	P

QC	QUALITY CONTROL (BY FABRICATOR)
QA	QUALITY ASSURANCE (BY SPECIAL INSPECTOR)
P	PERFORM
O	OBSERVE

SCHEDULE OF SPECIAL INSPECTIONS				
NCSBC SECTION 1705.2.2 - REQUIRED VERIFICATION AND INSPECTION OF STEEL CONSTRUCTION OTHER THAN STRUCTURAL STEEL				
VERIFICATION AND INSPECTION		CONTINUOUS	PERIODIC	MBC REFERENCE
1. MATERIAL VERIFICATION OF COLD-FORMED STEEL DECK:				
A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS		-----	X	APPLICABLE ASTM MATERIAL STANDARDS
B. MANUFACTURER'S CERTIFIED TEST REPORTS		-----	X	-----
2. INSPECTION OF WELDING:				
A. COLD-FORMED STEEL DECK:				
1) FLOOR AND ROOF DECK WELDS		-----	X	AWS D1.3
B. REINFORCING STEEL:		-----	X	AWS D1.4 ACI 318: SECTIN 5.5.2
1) VERIFICATION OF WELDABILITY OF REINFORCING STEEL OTHER THAN ASTM A 706		-----	X	
2) REINFORCING STEEL RESISTING FLEXURAL AND AXIAL FORCES IN INTERMEDIATE AND SPECIAL MOMENT FRAMES, AND BOUNDARY ELEMENTS OF SPECIAL STRUCTURAL WALLS OF CONCRETE AND SHEAR REINFORCEMENT		X	-----	
3) SHEAR REINFORCEMENT		X	-----	
4) OTHER REINFORCING STEEL		-----	X	
a. WHERE APPLICABLE, SEE ALSO SECTION 1705.12, SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE				
NCSBC SECTION 1705.2.3 - REQUIRED SPECIAL INSPECTIONS OF OPEN-WEB STEEL JOIST AND JOIST GIRDERS				
TYPE		CONTINUOUS	PERIODIC	REFERENCED STANDARD ^a
1. INSTALLATION OF OPEN-WEB STEEL JOISTS AND JOIST GIRDERS.				
A. END CONNECTIONS - WELDING OR BOLTED.		-----	X	SJI SPECIFICATIONS LISTED IN SECTION 2207.1
B. BRIDGING - HORIZONTAL OR DIAGONAL.		-----		
1) STANDARD BRIDGING.		-----	X	SJI SPECIFICATIONS LISTED IN SECTION 2207.1
2) BRIDGING THAT DIFFERS FROM THE SJI SPECIFICATION LISTED IN SECTION 2207.1			X	
FOR SI: 1INCH = 25.4 MM.				
a. WHERE APPLICABLE, SEE ALSO SECTION 1705.12, SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE				
NCSBC SECTION 1705.2.3 - REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION				
VERIFICATION AND INSPECTION		CONTINUOUS	PERIODIC	REFERENCED STANDARD ^a
1. INSPECTION OF REINFORCING STEEL, INCLUDING PRESTRESSING TENDONS AND PLACEMENT.		-----	X	ACI 318: 3.5, 7.1-7.7
2. INSPECTION OF REINFORCING STEEL WELDING IN ACCORDANCE WITH TABLE 1705.2.2, ITEM 2b		-----	-----	AWS D1.4 ACI 318: 3.5.2
3. INSPECTION OF ANCHORS CAST IN CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED OR WHERE STRENGTH DESIGN IS USED.		-----	X	ACI 318: 8.1.3, 21.1.8
4. INSPECTION OF ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS. ^a		-----	X	ACI 318: 8.8.6, 8.1.3, 21.1.8
5. VERIFYING USE OF REQUIRED DESIGN MIX.		-----	X	ACI 318: CH. 4, 5.2-5.4
6. AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TEST, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.		X	-----	ASTM C 172 ASTM C 31 ACI 318: 5.6, 5.8
7. INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT OF PROPER APPLICATION TECHNIQUES		X	-----	ACI 318: 5.9, 5.10
8. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHIQUES.		-----	X	ACI 318: 5.11-5.13
9. INSPECTION OF PRESTRESSED CONCRETE:				
A. APPLICATION OF PRESTRESSING FORCES.		X	-----	ACI 318: 18.20
B. GROUTING OF BONDED PRESTRESSING TENDONS IN THE SEISMIC - FORCE - RESISTING SYSTEM.		X	-----	ACI 318: 18.16.4
10. ERECTION OF PRECAST CONCRETE MEMBERS.		-----	X	ACI 318: CH. 16
11. VERIFICATION OF IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.		-----	X	ACI 318: 6.2
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSION FOR THE CONCRETE MEMBER BEING FORMED		-----	X	ACI 318: 6.1.1
a. WHERE APPLICABLE, SEE ALSO SECTION 1705.12 SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE.				
b. SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH ACI 355.2 OR OTHER QUALIFICATION PROCEDURES. WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED, SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL, AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF THE WORK.				
NCSBC TABLE 1705.6 - REQUIRED VERIFICATION AND INSPECTION OF SOILS				
VERIFICATION AND INSPECTION		CONTINUOUS	PERIODIC	
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.		-----	X	
2. VERIFY EXCAVATIONS ARE EXTEND TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.		-----	X	
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.		-----	X	
4. VERIFY USE OF PROPER MATERIALS, DESITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.		X	-----	
5. PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.		-----	X	

STATEMENT OF SPECIAL INSPECTIONS

THE FOLLOWING INFORMATION IS BEING SUBMITTED IN ACCORDANCE WITH THE SPECIAL INSPECTION PROVISIONS OF THE 2018 NORTH CAROLINA STATE BUILDING CODE (NCSBC) SECTION 1704.1.1. ATTACHED IS THE SCHEDULE OF SPECIAL INSPECTIONS (SSI) REQUIRED FOR THE PROJECT. THIS COMPLETED FORM IS REQUIRED TO BE PLACED ON THE DRAWINGS FOR PLAN REVIEW. AFTER PERMIT ISSUANCE, A LISTING OF THE SPECIAL INSPECTIONS FIRMS (SIF) AND THE DESIGNATED SPECIAL INSPECTORS (DSI) FOR EACH INSPECTION TYPE WILL BE ATTACHED TO THIS FORM PRIOR TO SCHEDULING THE PRE-CONSTRUCTION MEETING. NO WORK IS PERMITTED TO BE PERFORMED PRIOR TO THE SPECIAL INSPECTIONS PRE-CONSTRUCTION MEETING.

THE DSI IS RESPONSIBLE FOR VERIFYING ALL INFORMATION ON EACH DOCUMENT PRIOR TO SIGNING/SEALING. THE DSI IS RESPONSIBLE FOR VERIFYING EACH DOCUMENT IS THE CORRECT DOCUMENT. THE DSI IS RESPONSIBLE FOR CORRECTING ANY DOCUMENTS THAT CONTAIN ERRORS. THE DSI IS RESPONSIBLE FOR VERIFYING ALL AUTHORIZED SPECIAL INSPECTORS (ASI) MAINTAIN CURRENT CERTIFICATIONS DURING THE COURSE OF THE PROJECT. AS FAILURE TO MAINTAIN CURRENT CERTIFICATIONS MAY RESULT IN A VOIDED DOCUMENT. AT THE CONCLUSION OF EACH INDIVIDUAL INSPECTION TYPE, THE DSI WILL COMPLETE A FINAL REPORT. THE DSI IS RESPONSIBLE FOR COMPLETING THE LETTER AT THE CONCLUSION OF ALL SPECIAL INSPECTIONS.

THE SPECIAL INSPECTION PROGRAM OUTLINES HEREIN, DOES NOT RELIEVE THE CONTRACTOR OR ANY OTHER ENTITY OF ANY CONTRACTUAL DUTIES INCLUDING QUALITY CONTROL, QUALITY ASSURANCE OR SAFETY. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS AND JOB SITE SAFETY. FAILURE TO ADHERE TO THE SSI PROGRAM AS OUTLINED MAY RESULT IN A STOP WORK NOTICE BEING ISSUED.

RESPECTFULLY SUBMITTED,
THE DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE.

STEPHEN C. BATTEN, PE

STEPHEN C. BATTEN, PE

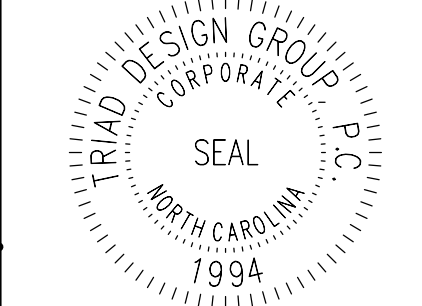


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Harnett 95 Industrial Center

SPEC BUILDING 1

US 301 S.

Dunn, North Carolina

SUBMITTALS:

DATE	DESCRIPTION
2025-05-02	PROGRESS SET

REVISIONS:

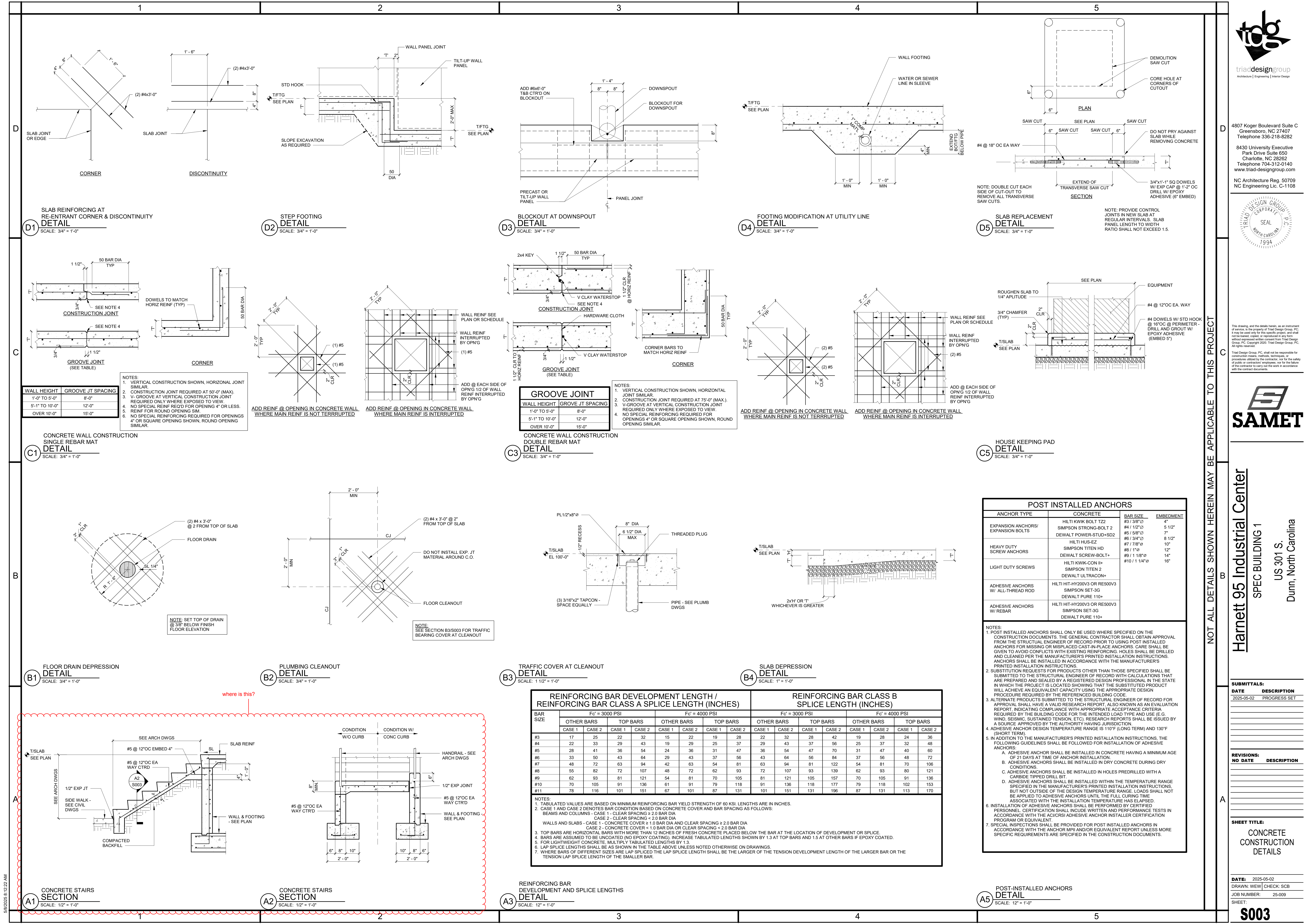
NO	DATE	DESCRIPTION

SHEET TITLE:

SPECIAL
INSPECTIONS

DATE: 2025-05-02
DRAWN: WEW CHECK: SCB
JOB NUMBER: 25-009
SHEET:

S002



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SAMET

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SPEC BUILDING 1
US 301 S.
Dunn, North Carolina

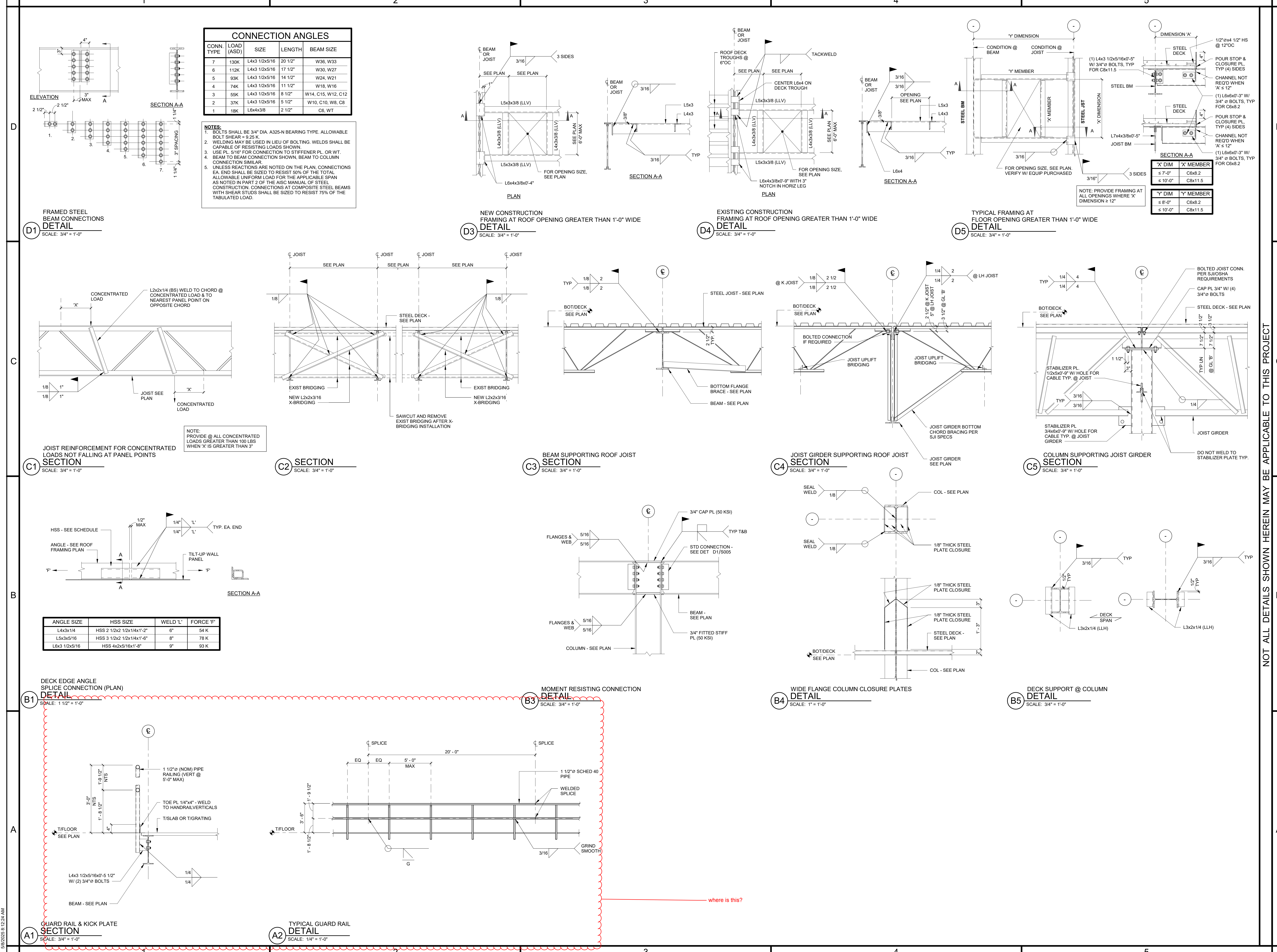
SUBMITTALS:
DATE DESCRIPTION
2025-05-02 PROGRESS SET

REVISIONS:
NO DATE DESCRIPTION

SHEET TITLE:
CONCRETE
CONSTRUCTION
DETAILS

DATE: 2025-05-02
DRAWN: WEW CHECK: SCB
JOB NUMBER: 25-009
SHEET:

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Harnett 95 Industrial Center
SPEC BUILDING 1
US 301 S.
Dunn, North Carolina

SUBMITTALS:

DATE	DESCRIPTION
2025-05-02	PROGRESS SET

REVISIONS:

NO	DATE	DESCRIPTION
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SHEET TITLE:
STEEL CONSTRUCTION DETAILS

DATE: 2025-05-02
DRAWN: WEW **CHECK:** SCB
JOB NUMBER: 25-009
SHEET:

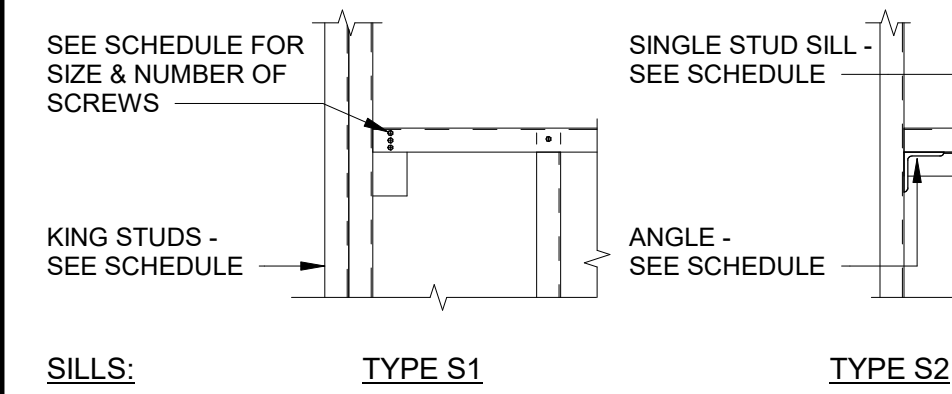
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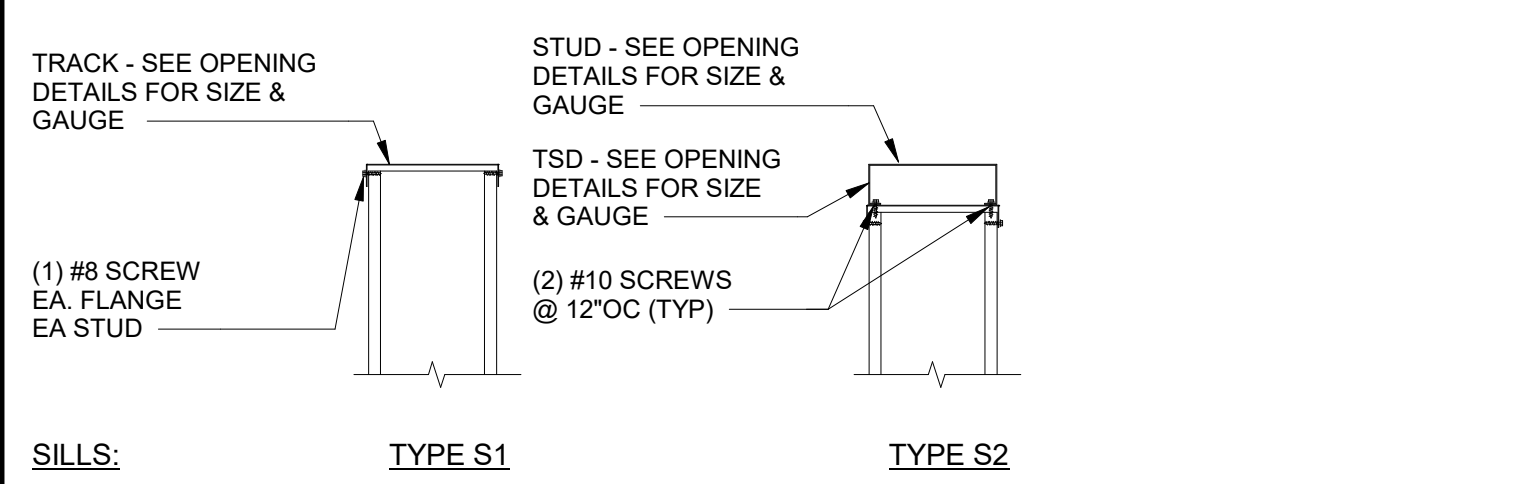
A1 LIGHT GAGE METAL STUD WALLS SCALE: 12" = 1'-0"

LOCATION		WALL STUDS	OPG SIZE	HEADER TYPE	HEADER COMPONENTS	SILL TYPE	SILL COMPONENTS	KING STUDS	BOT TRACK REINF.	TOP TRACK REINF.
INTERIOR BEARING WALL	TYPE A	362S162-43 @ 16" O.C.	0'-0" - 4'-0"	H1	(2)600S162-43+(2)362T125-43	S1	362T125-43	(2)362S162-43	TYPE 11	TYPE 21
			4'-1" - 8'-0"	H2	(2) 800S162-43+(2)362T125-43	S1	362T125-54	(2)362S162-54	TYPE 11	TYPE 21
			8'-1" - 12'-0"	H3	(2)1000S162-54+(2)362T125-43	S2	362S162-43+362T125-43	(2)362S162-68	TYPE 12	TYPE 22
	TYPE B	600S162-43 @ 16" O.C.	0'-0" - 4'-0"	H1	(2)600S162-43+(2)600T125-43	S1	600T125-43	(2)600S162-43	TYPE 11	TYPE 21
			4'-1" - 8'-0"	H2	(2)800S162-43+(2)600T125-43	S1	600T125-54	(2)600S162-54	TYPE 11	TYPE 21
			8'-1" - 12'-0"	H3	(2)1000S162-54+(2)600T125-43	S2	600S162-43+600T125-43	(2)600S162-68	TYPE 12	TYPE 22
EXTERIOR BEARING WALL	TYPE C	362S162-54 @ 16" O.C.	0'-0" - 4'-0"	H1	(2)600S162-54+(2)362T125-54	S1	362T125-54	(2)362S162-54	TYPE 11	TYPE 21
			4'-1" - 8'-0"	H2	(2) 800S162-54+(2)362T125-54	S2	362S162-54+362T125-43	(2)362S162-68	TYPE 12	TYPE 22
			8'-1" - 12'-0"	H3	(2)1000S162-68+(2)362T125-54	S2	362S162-54+362T125-43	(2)362S162-68	TYPE 12	TYPE 22
	TYPE D	600S162-54 @ 16" O.C.	0'-0" - 4'-0"	H1	(2)600S162-54+(2)600T125-54	S1	600T125-54	(2)600S162-54	TYPE 11	TYPE 21
			4'-1" - 8'-0"	H2	(2)800S162-54+(2)600T125-54	S1	600T125-68	(2)600S162-68	TYPE 12	TYPE 22
			8'-1" - 12'-0"	H3	(2)1000S162-68+(2)600T125-54	S2	600S162-54+600T125-54	(2)600S162-68	TYPE 12	TYPE 22
INTERIOR CURTAIN WALL	TYPE E	600S162-43 @ 16" O.C.	0'-0" - 4'-0"	H1	600T125-43	S1	600T125-43	(2)600S162-43	TYPE 11	TYPE 21
			4'-1" - 8'-0"	H2	600S162-43+600T125-43	S2	600T125-54	(2)600S162-54	TYPE 11	TYPE 21
			8'-1" - 12'-0"	H3	(2)600S162-43+(2)600T125-43	S2	600S162-43+600T125-43	(2)600S162-68	TYPE 12	TYPE 22
	TYPE F	800S162-54 @ 16" O.C.	0'-0" - 4'-0"	H1	800T125-54	S1	800T125-54	(2)600S162-54	TYPE 11	TYPE 21
			4'-1" - 8'-0"	H2	800S162-54+800T125-54	S1	800T125-68	(2)800S162-68	TYPE 12	TYPE 22
			8'-1" - 12'-0"	H3	(2)800S162-54+(2)600T125-54	S2	800S162-54+800T125-54	(2)600S162-68	TYPE 12	TYPE 22
EXTERIOR CURTAIN WALL	TYPE G	600S162-43 @ 16" O.C.	0'-0" - 4'-0"	H1	800T125-54	S1	800T125-54	(2)600S162-54	TYPE 11	TYPE 21
			4'-1" - 8'-0"	H2	600S162-43+600T125-54	S2	800S162-43+600T125-43	(2)600S162-68	TYPE 12	TYPE 22
			8'-1" - 12'-0"	H3	(2)600S162-43+(2)600T125-54	S2	600S162-54+600T125-54	(2)600S162-68	TYPE 12	TYPE 22
	TYPE H	800S162-54 @ 16" O.C.	0'-0" - 4'-0"	H1	800T125-54	S1	800T125-54	(2)600S162-54	TYPE 11	TYPE 21
			4'-1" - 8'-0"	H2	800S162-54+800T125-54	S2	800S162-54+800T125-54	(2)800S162-68	TYPE 12	TYPE 22
			8'-1" - 12'-0"	H3	(2)800S162-54+(2)600T125-54	S2	800S162-54+800T125-54	(2)600S162-68	TYPE 12	TYPE 22

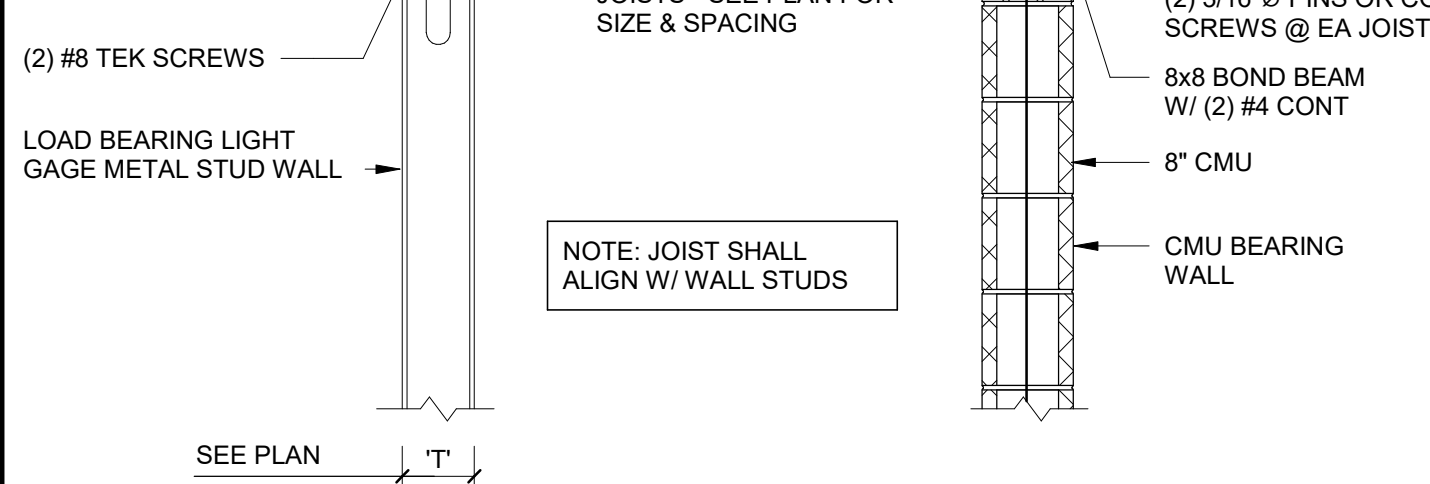
B1 DETAIL SCALE: 1" = 1'-0"



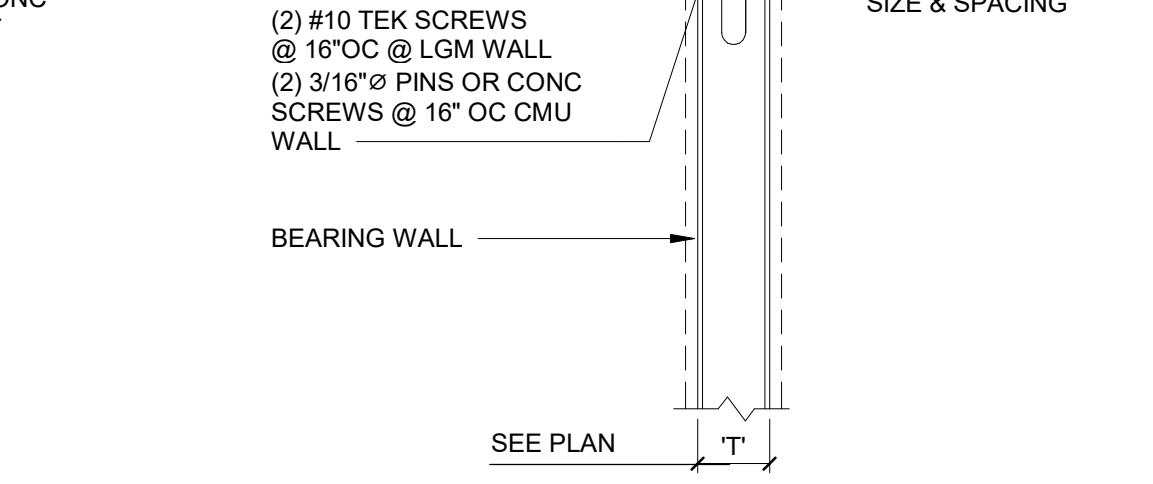
C1 HEADER & SILL TYPE DETAIL SCALE: 1" = 1'-0"



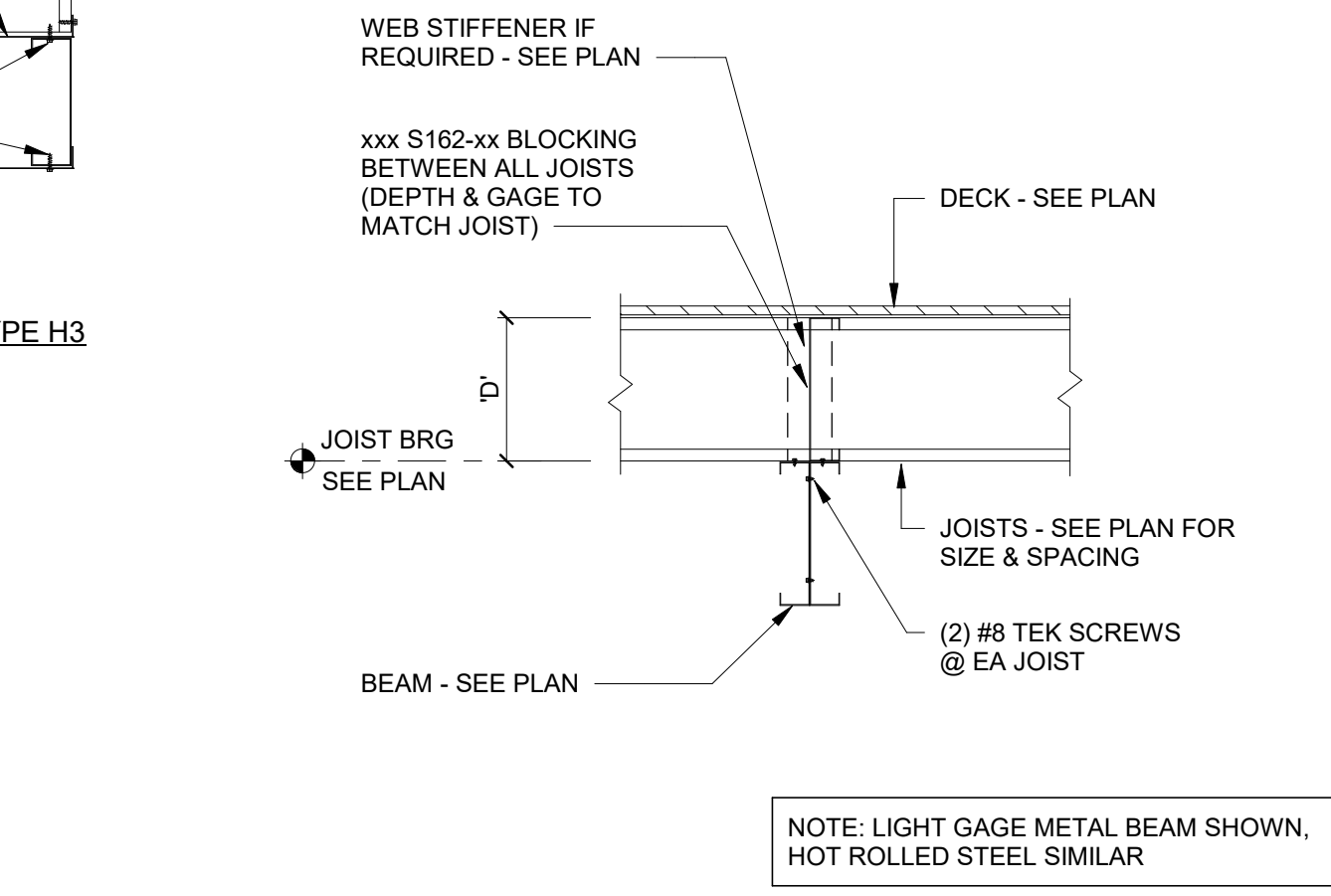
D1 PERIMETER BEARING WALL SECTION SCALE: 3/4" = 1'-0"



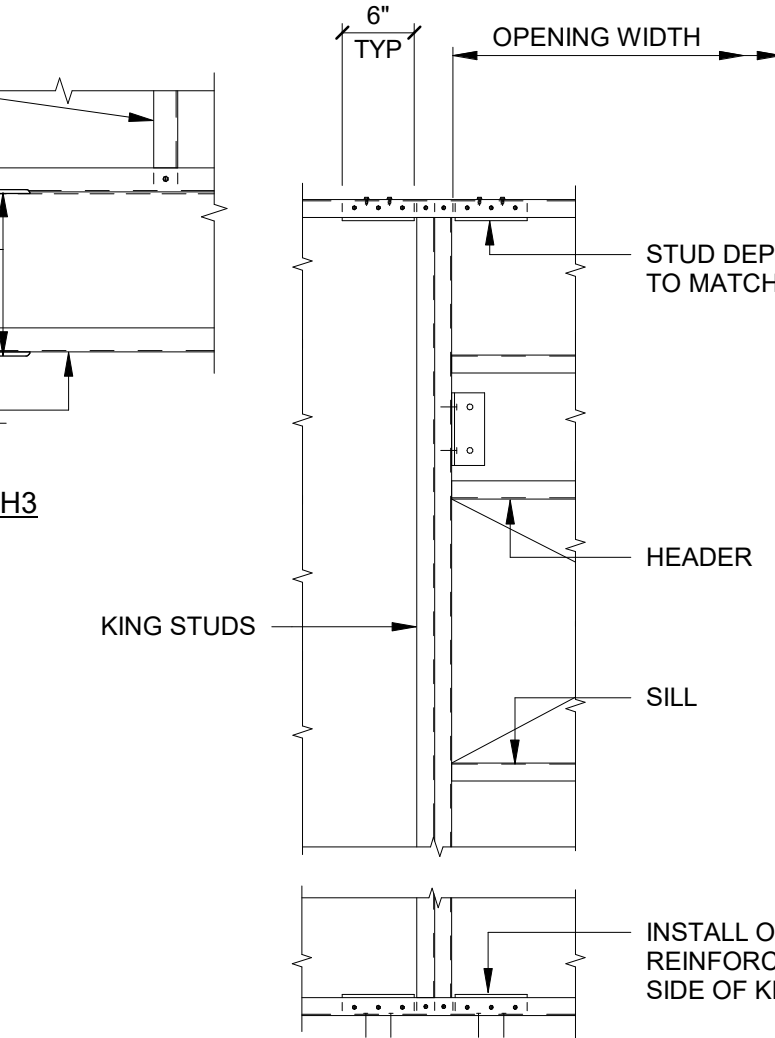
D2 INTERIOR LGM BEARING WALL SECTION SCALE: 3/4" = 1'-0"



C2 INTERIOR BEAM DETAIL SCALE: 3/4" = 1'-0"



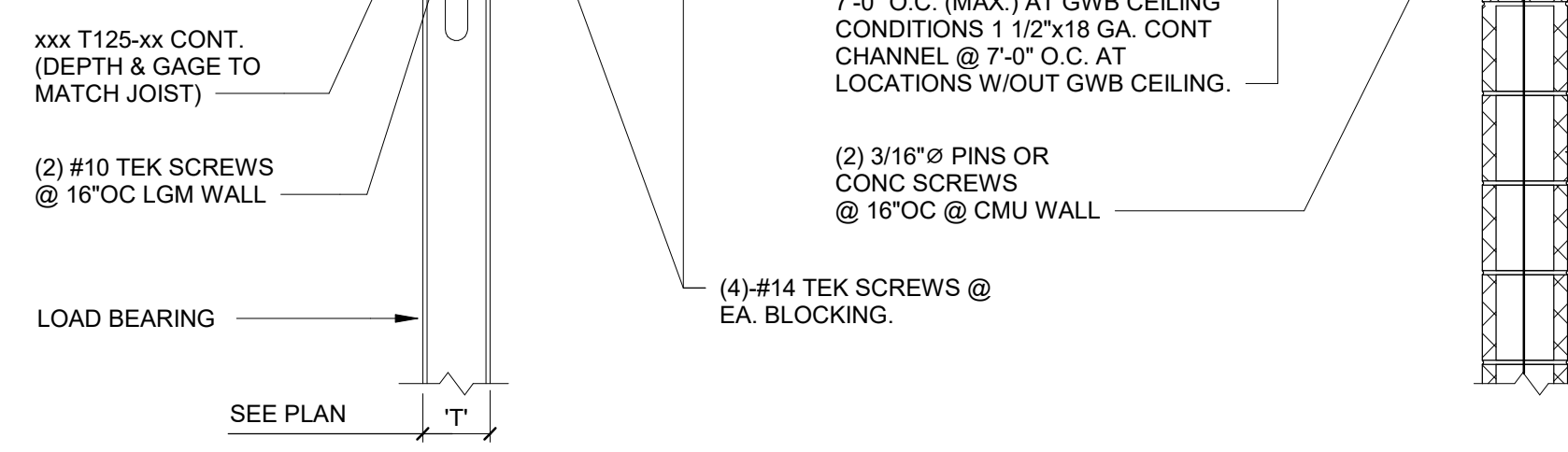
B2 TOP AND BOTTOM TRACK REINFORCING DETAIL SCALE: 3/4" = 1'-0"



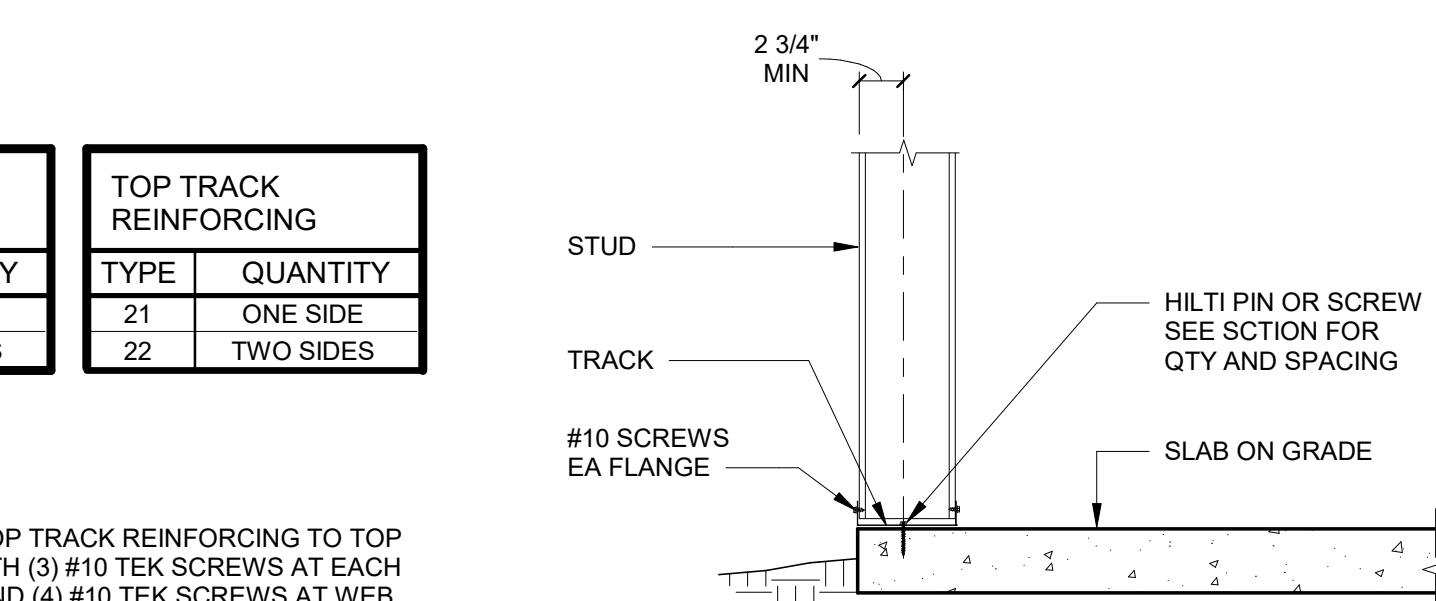
BOTTOM TRACK REINFORCING		TOP TRACK REINFORCING	
TYPE	QUANTITY	TYPE	QUANTITY
11	ONE SIDE	21	ONE SIDE
12	TWO SIDES	22	TWO SIDES

- NOTES:
- FASTEN TOP TRACK REINFORCING TO TOP TRACK WITH (3) #10 TEK SCREWS AT EACH FLANGE AND (4) #10 TEK SCREWS AT WEB
 - FASTEN BOTTOM TRACK REINFORCING TO SILL TRACK FLANGE WITH (3) #10 TEK SCREWS EACH SIDE
 - FASTEN BOTTOM TRACK REINFORCING THROUGH SILL TRACK TO CONCRETE WITH (2) 0.177" PINS OR 3/16" x 2" CONCRETE SCREWS.

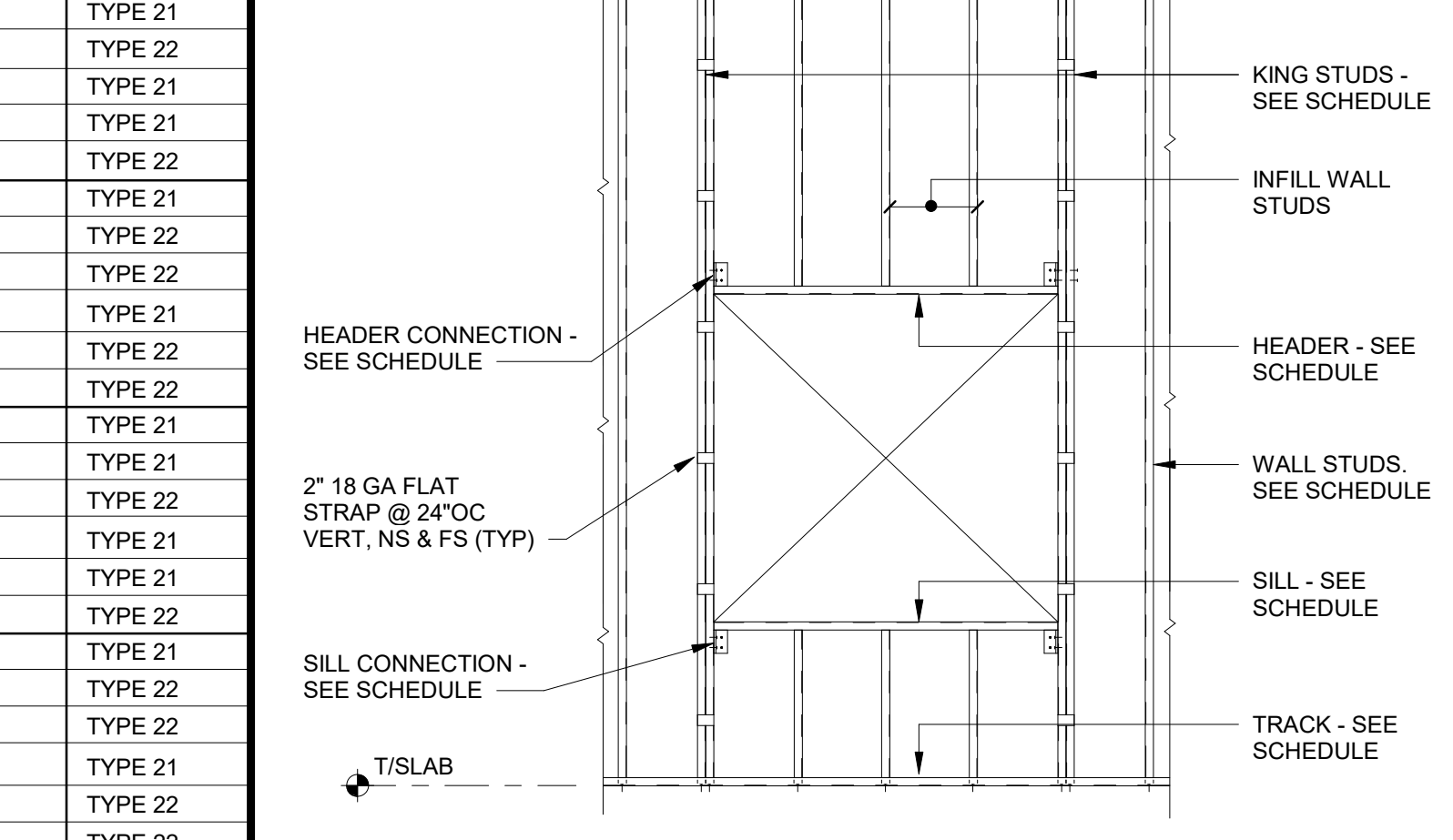
D3 EDGE CONDITION @ BEARING WALL SECTION SCALE: 3/4" = 1'-0"



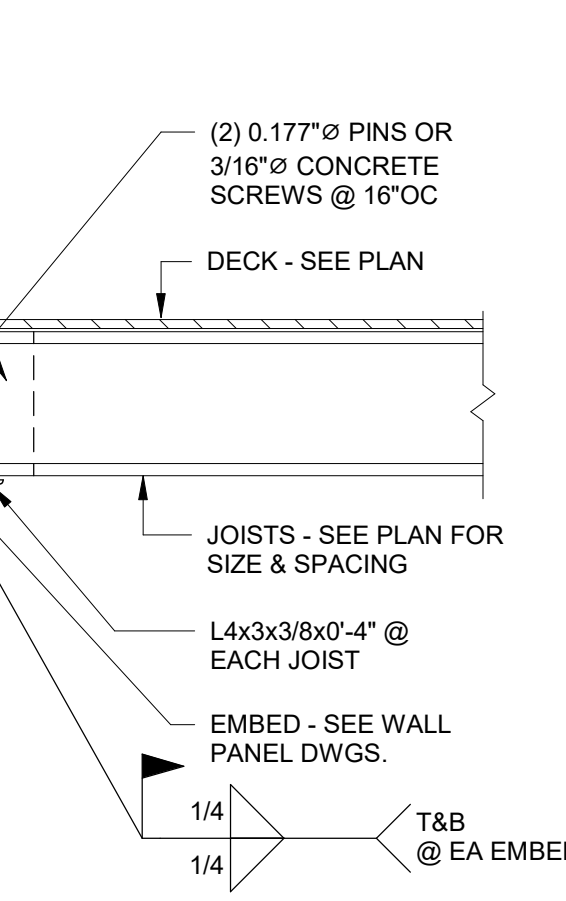
B3 SECTION SCALE: 1" = 1'-0"



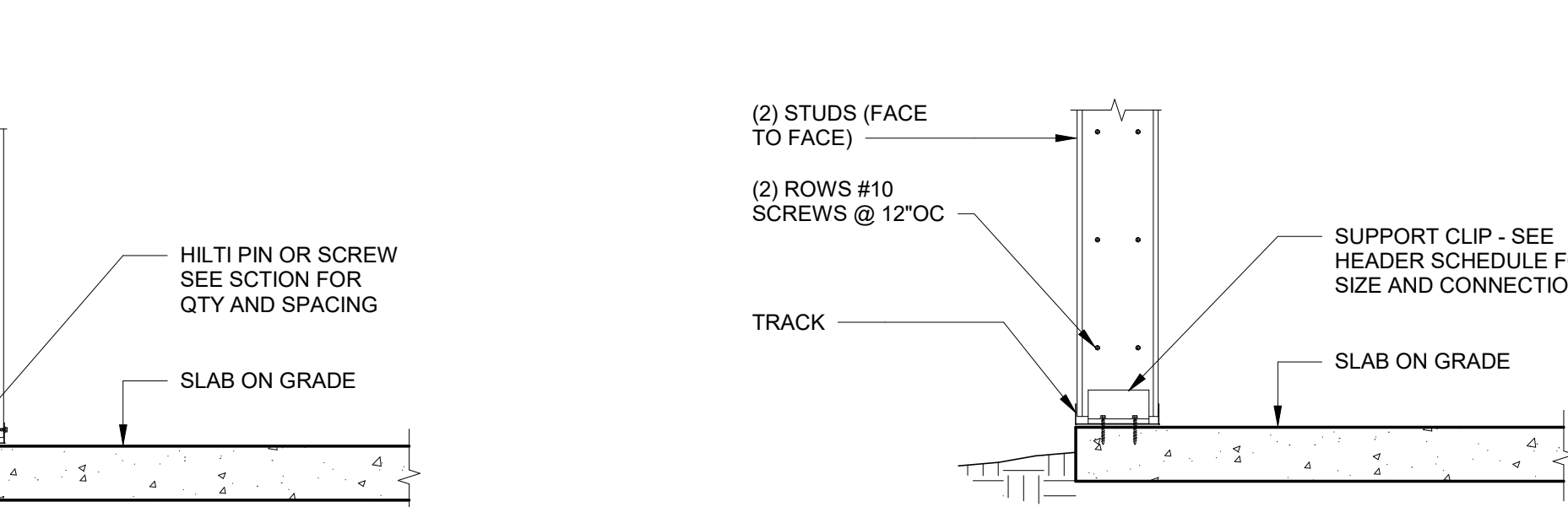
A2 METAL STUD CURTAIN WALL CONSTRUCTION DETAIL SCALE: 3/8" = 1'-0"



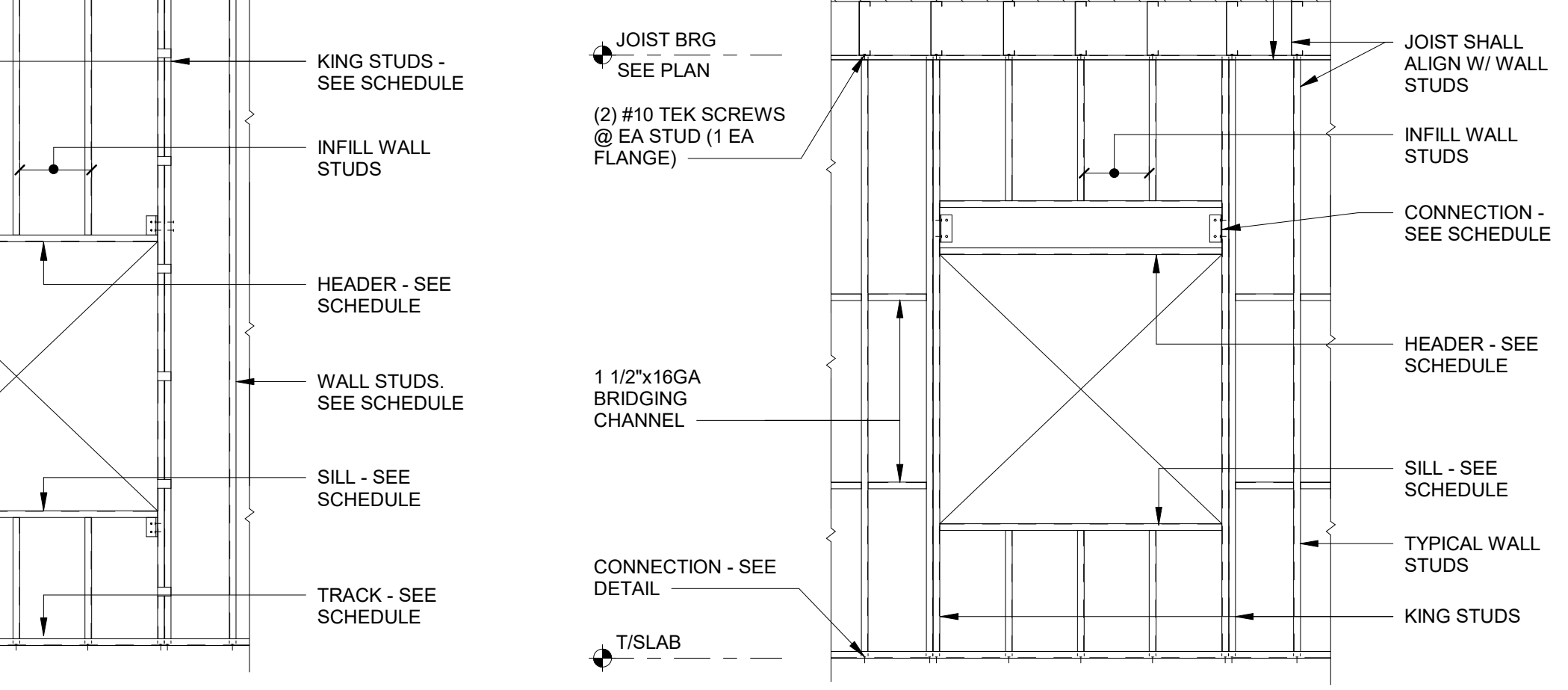
C3 SECTION SCALE: 3/4" = 1'-0"



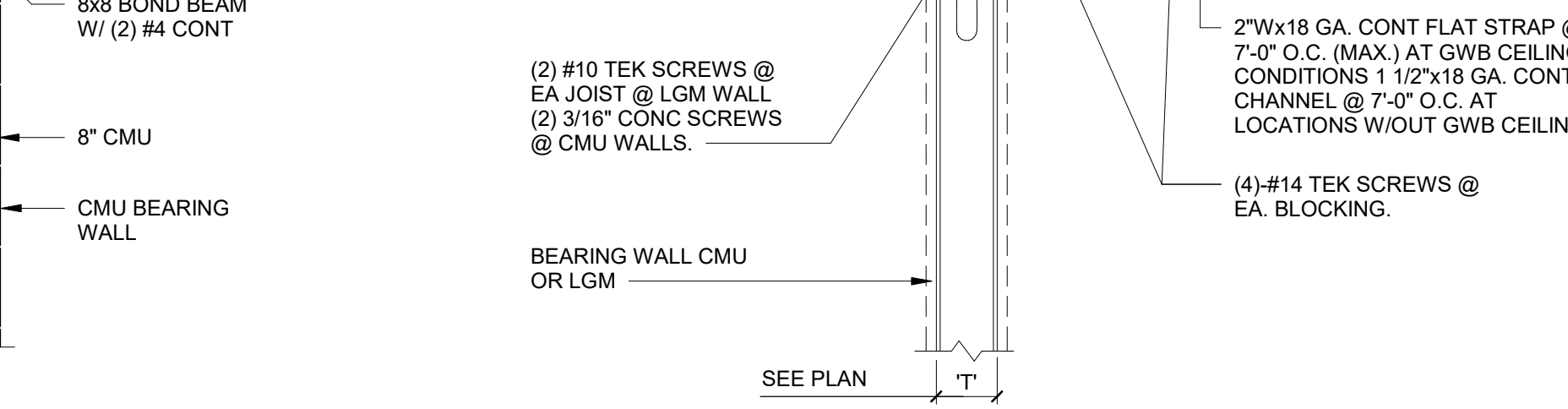
B4 SECTION SCALE: 1" = 1'-0"



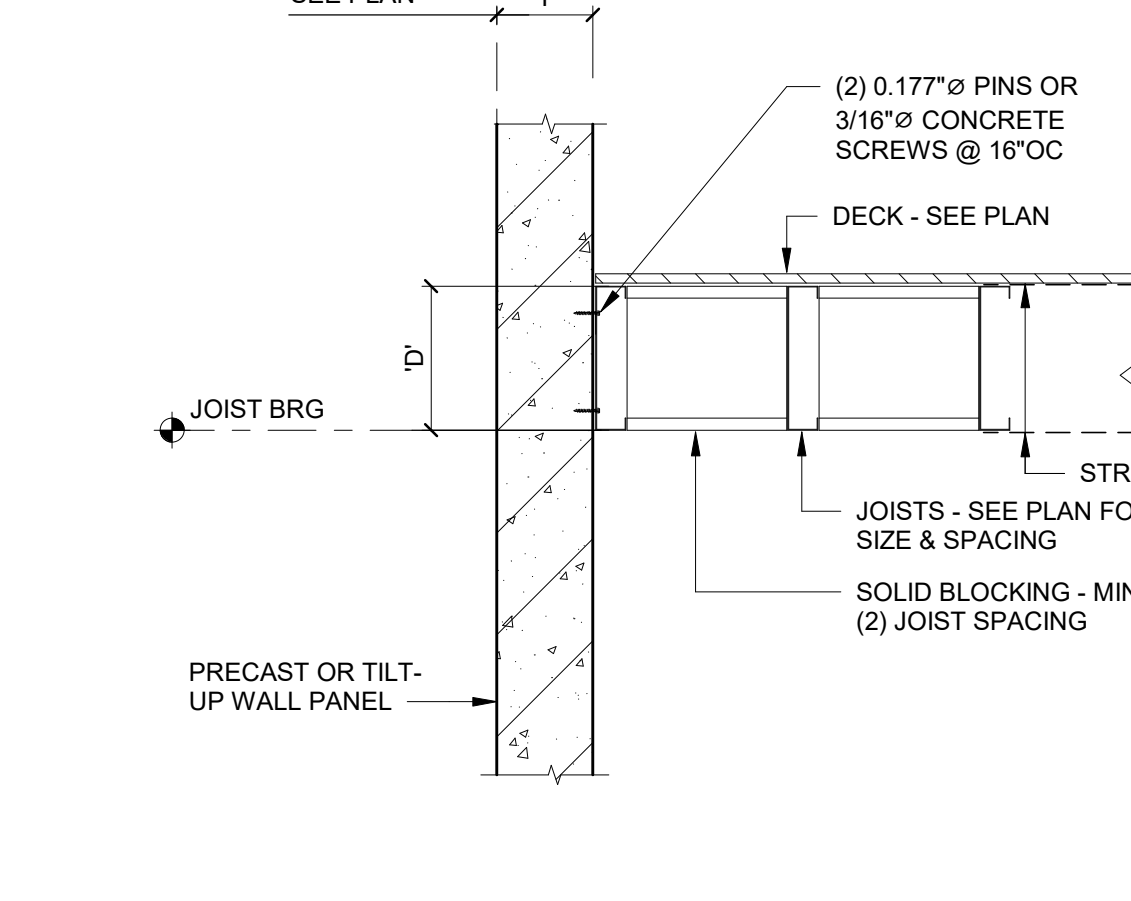
A4 METAL STUD BEARING WALL CONSTRUCTION DETAIL SCALE: 3/8" = 1'-0"



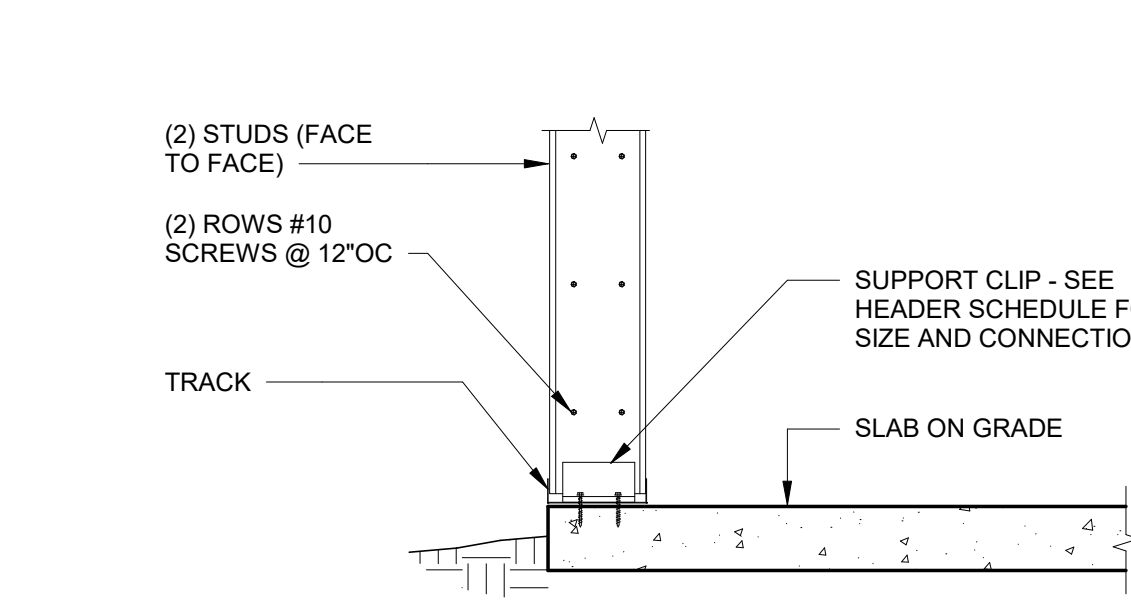
D4 INTERIOR CONDITION @ BEARING WALL SECTION SCALE: 3/4" = 1'-0"



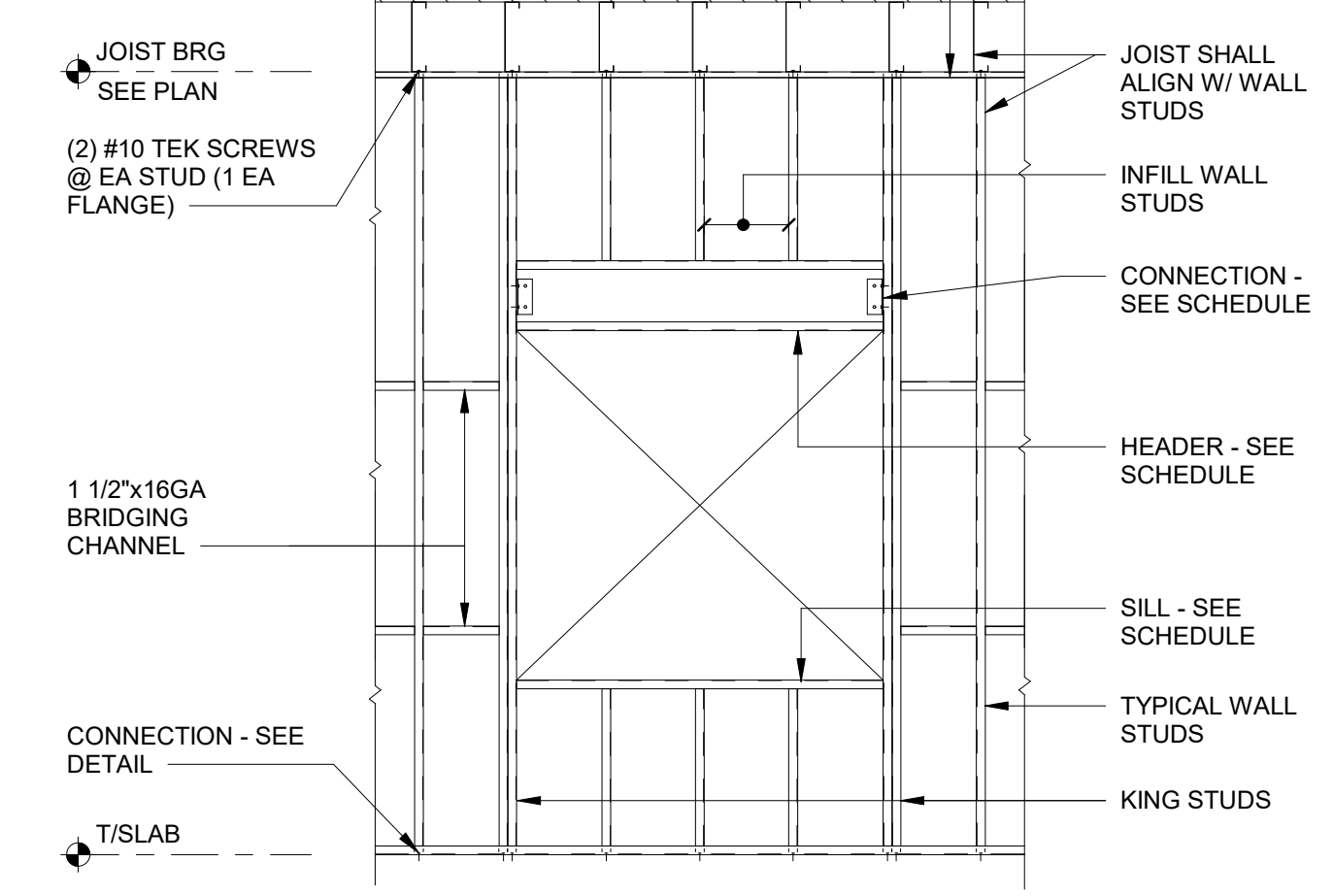
C4 SECTION SCALE: 3/4" = 1'-0"



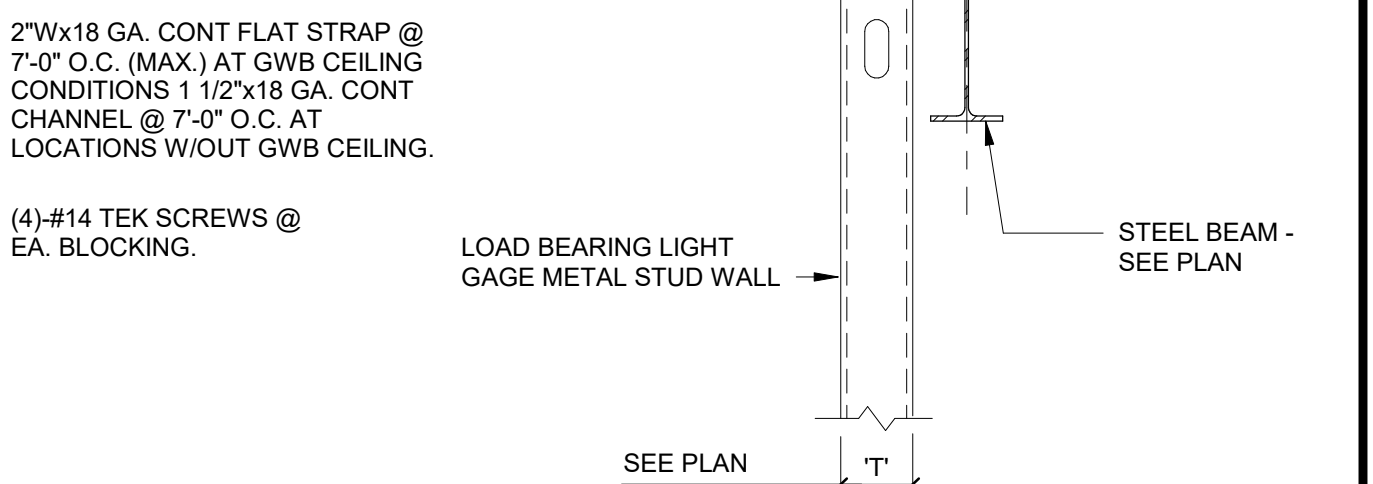
B5 DETAIL SCALE: 3/4" = 1'-0"



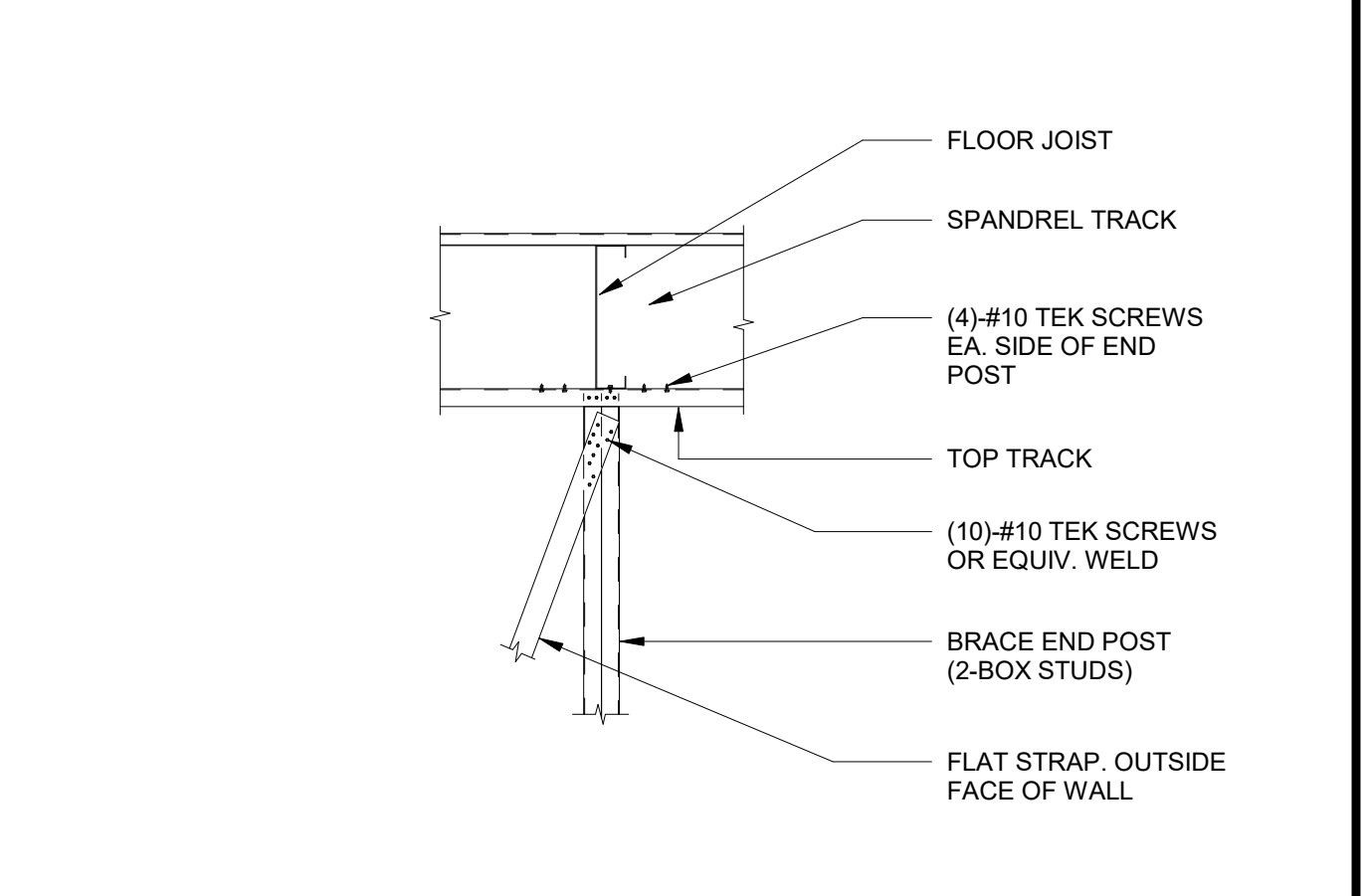
A5 DETAIL SCALE: 3/8" = 1'-0"



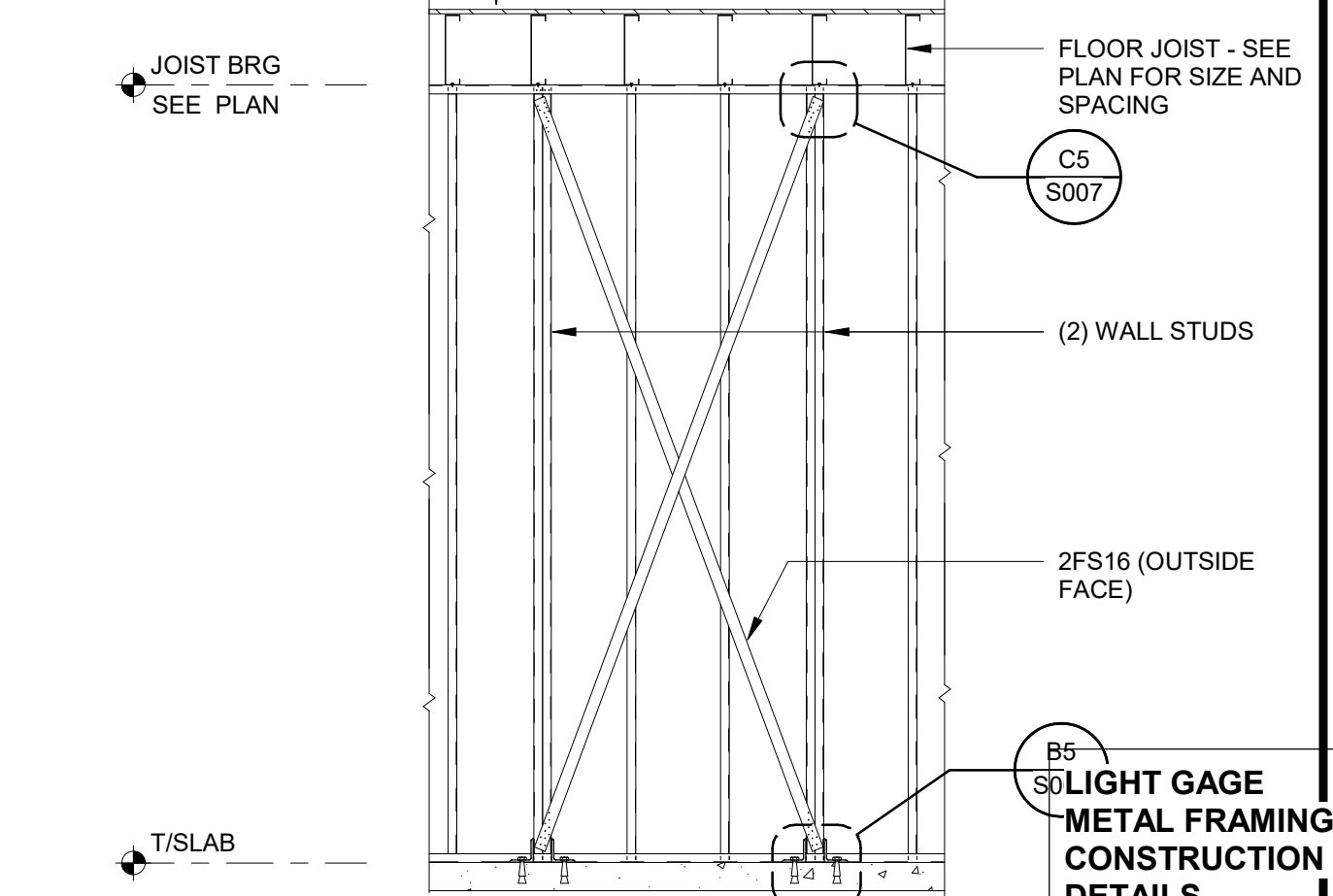
D5 BYPASS WALL STUDS SECTION SCALE: 3/4" = 1'-0"



C5 X-BRACE TOP CONNECTION DETAIL SCALE: 3/4" = 1'-0"



A6 DETAIL SCALE: 3/8" = 1'-0"



NOT ALL DETAILS SHOWN HEREIN MAY BE APPLICABLE TO THIS PROJECT

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Harnett 95 Industrial Center
SPEC BUILDING 1
US 301 S.
Dunn, North Carolina

SUBMITTALS:

DATE	DESCRIPTION
2025-05-02	PROGRESS SET

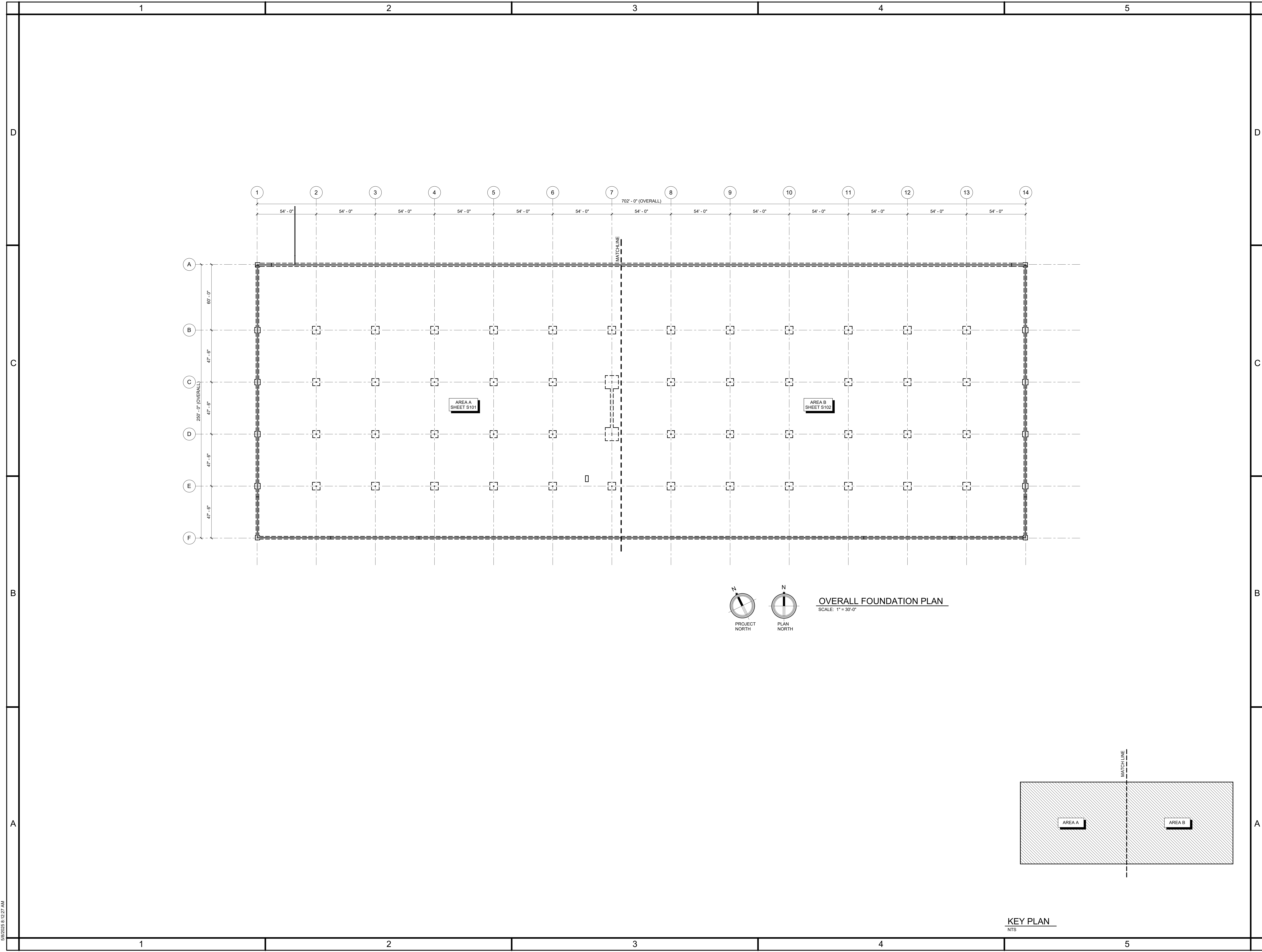
REVISIONS:

NO	DATE	DESCRIPTION
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SHEET TITLE:
LIGHT GAGE METAL FRAMING CONSTRUCTION DETAILS

DATE: 2025-05-02
DRAWN: WEW **CHECK:** SCB
JOB NUMBER: 25-009
SHEET:

S007



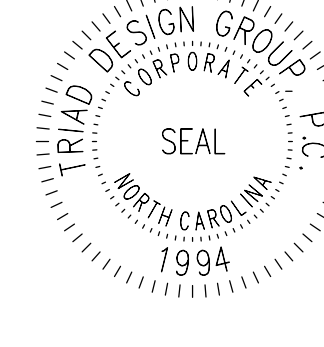


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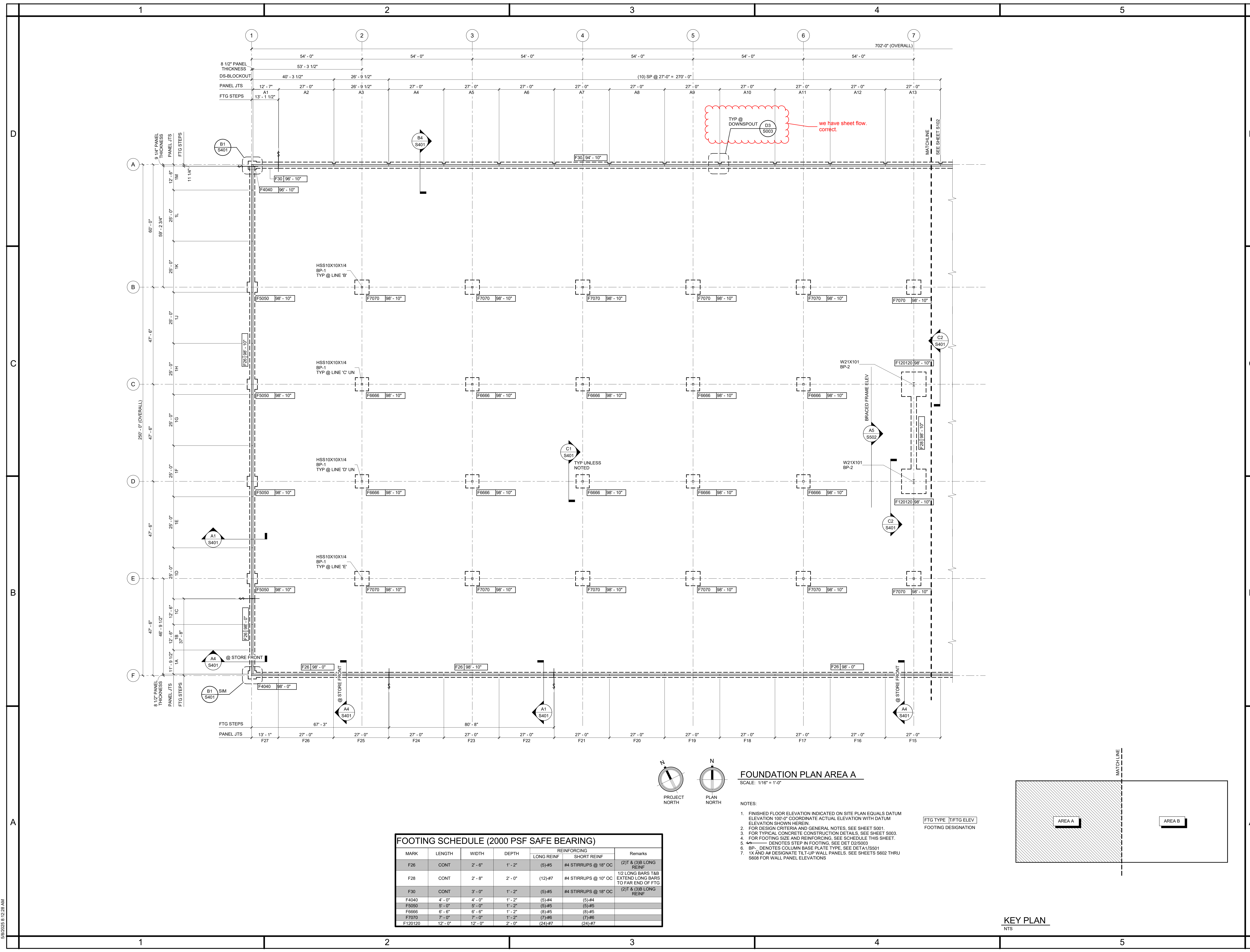
REVISIONS:

NO	DATE	DESCRIPTION

SHEET TITLE:
OVERALL
FOUNDATION PLAN

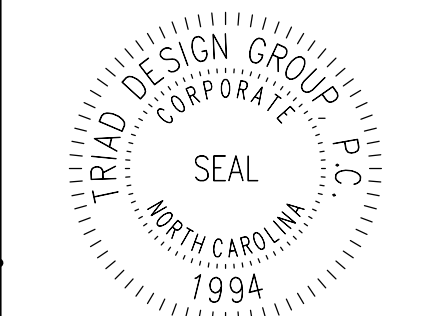
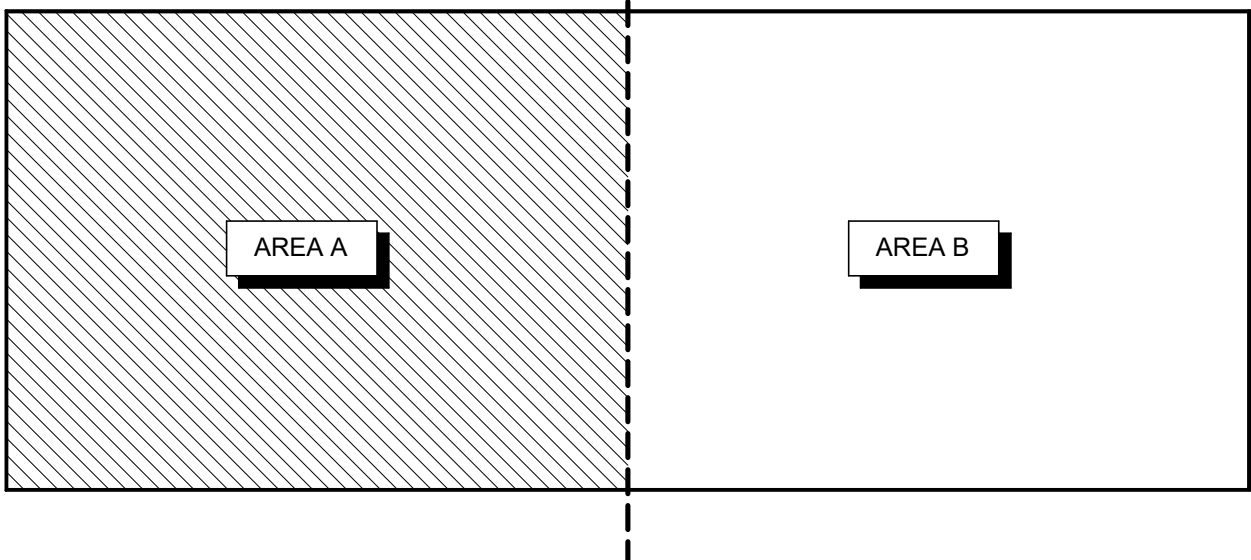
DATE: 2025-05-02
DRAWN: WEW | **CHECK:** SCB
JOB NUMBER: 25-009
SHEET:

S100



FOOTING SCHEDULE (2000 PSF SAFE BEARING)						
MARK	LENGTH	WIDTH	DEPTH	REINFORCING		Remarks
				LONG REINF	SHORT REINF	
F26	CONT	2' - 6"	1' - 2"	(5)#5	#4 STIRRUPS @ 18" OC	(2)T & (3)B LONG REINF
F28	CONT	2' - 8"	2' - 0"	(12)#7	#4 STIRRUPS @ 10" OC	1/2 LONG BARS T&B EXTEND LONG BARS TO FAR END OF FTG
F30	CONT	3' - 0"	1' - 2"	(5)#5	#4 STIRRUPS @ 18" OC	(2)T & (3)B LONG REINF
F4040	4' - 0"	4' - 0"	1' - 2"	(5)#4		(5)#4
F5050	5' - 0"	5' - 0"	1' - 2"	(5)#5		(5)#5
F6666	6' - 6"	6' - 6"	1' - 2"	(8)#5		(8)#5
F7070	7' - 0"	7' - 0"	1' - 2"	(7)#6		(7)#6
F120120	12' - 0"	12' - 0"	2' - 0"	(24)#7		(24)#7

- NOTES:
1. FINISHED FLOOR ELEVATION INDICATED ON SITE PLAN EQUALS DATUM ELEVATION 100'-0" COORDINATE ACTUAL ELEVATION WITH DATUM ELEVATION SHOWN HEREIN.
 2. FOR DESIGN CRITERIA AND GENERAL NOTES, SEE SHEET S001.
 3. FOR TYPICAL CONCRETE CONSTRUCTION DETAILS, SEE SHEET S003.
 4. FOR FOOTING SIZE AND REINFORCING, SEE SCHEDULE THIS SHEET.
 5. — DENOTES STEP IN FOOTING, SEE DET D2/S003.
 6. BP- DENOTES COLUMN BASE PLATE TYPE, SEE DET A1/S001.
 7. 1X AND 2X DESIGNATE TILT-UP WALL PANELS, SEE SHEETS S602 THRU S608 FOR WALL PANEL ELEVATIONS



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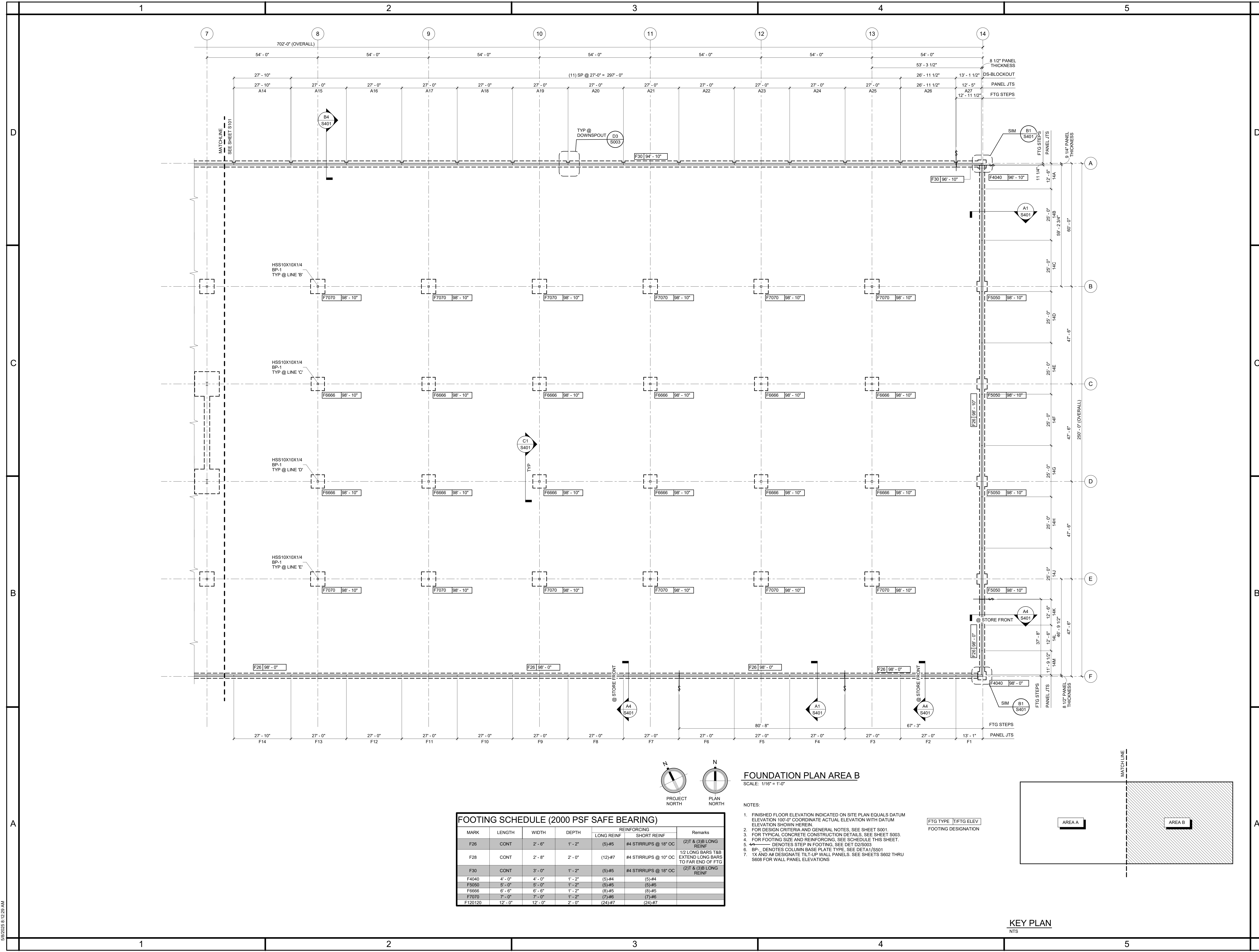
Harnett 95 Industrial Center
SPEC BUILDING 1
US 301 S.
Dunn, North Carolina

SUBMITTALS:	
DATE	DESCRIPTION
2025-05-02	PROGRESS SET

REVISIONS:	
NO	DATE DESCRIPTION

SHEET TITLE:
FOUNDATION PLAN
AREA A

DATE: 2025-05-02
DRAWN: WEW **CHECK:** SCB
JOB NUMBER: 25-009
SHEET:



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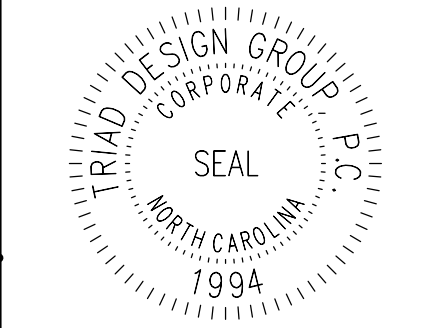
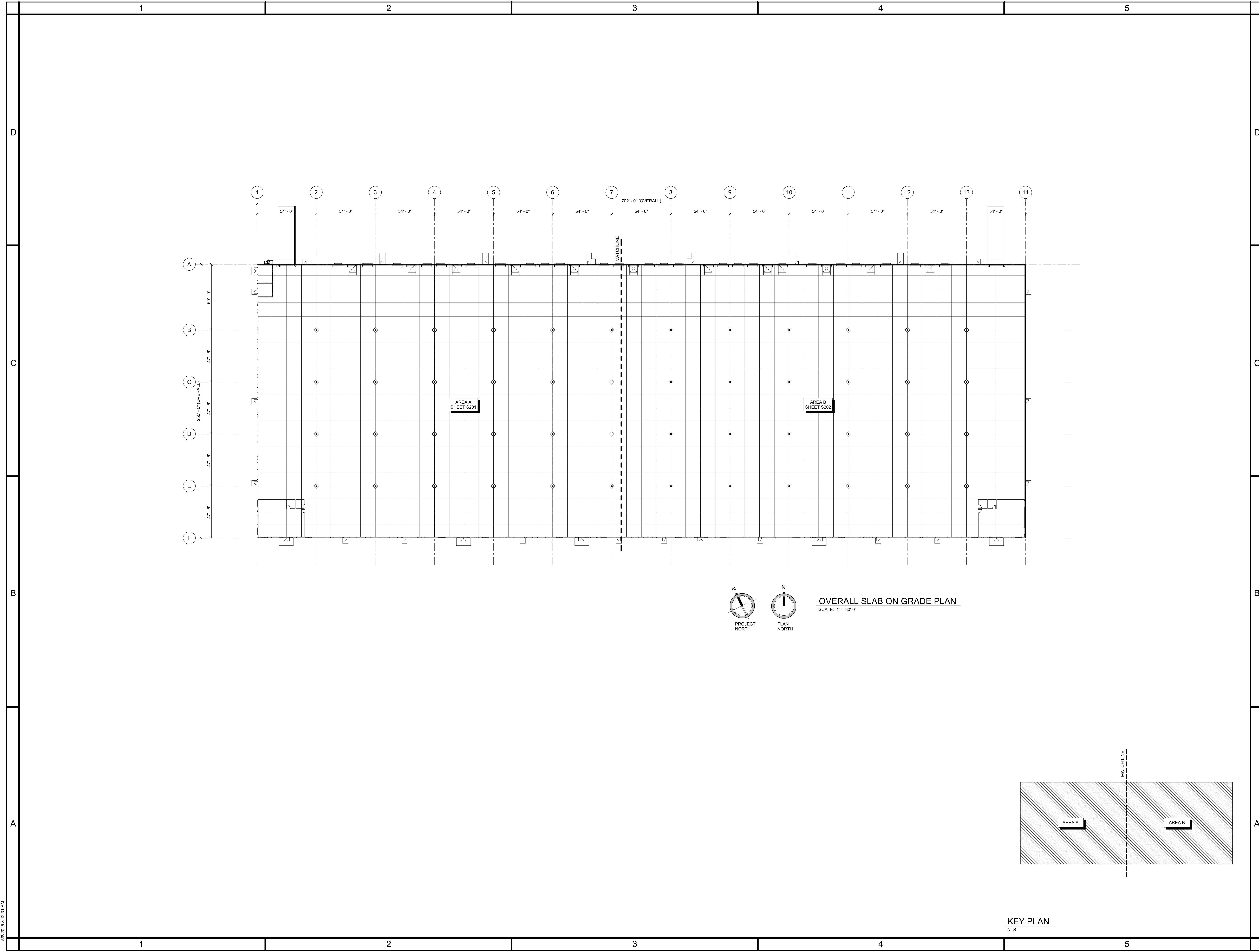
DATE	DESCRIPTION
2025-05-02	PROGRESS SET

REVISIONS:

NO	DATE	DESCRIPTION

SHEET TITLE:
FOUNDATION PLAN
AREA B

DATE: 2025-05-02
DRAWN: WEW **CHECK:** SCB
JOB NUMBER: 25-009
SHEET:
S102



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US 301 S.
Dunn, North Carolina

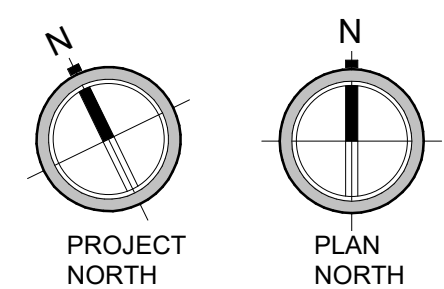
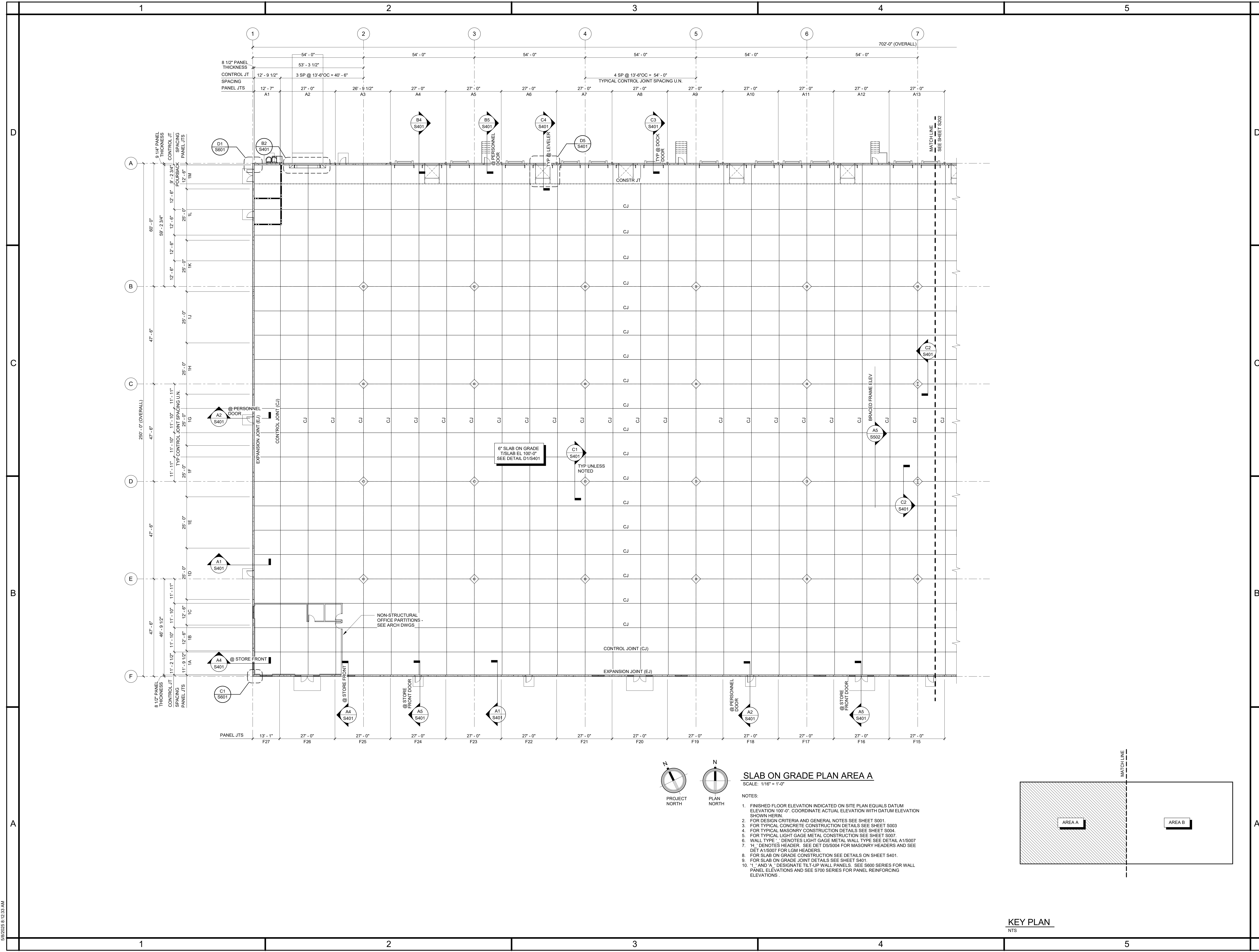
SUBMITTALS:	
DATE	DESCRIPTION
2025-05-02	PROGRESS SET

REVISIONS:	
NO	DATE
DESCRIPTION	

SHEET TITLE:
OVERALL SLAB ON GRADE PLAN

DATE: 2025-05-02
DRAWN: WEW **CHECK:** SCB
JOB NUMBER: 25-009
SHEET:

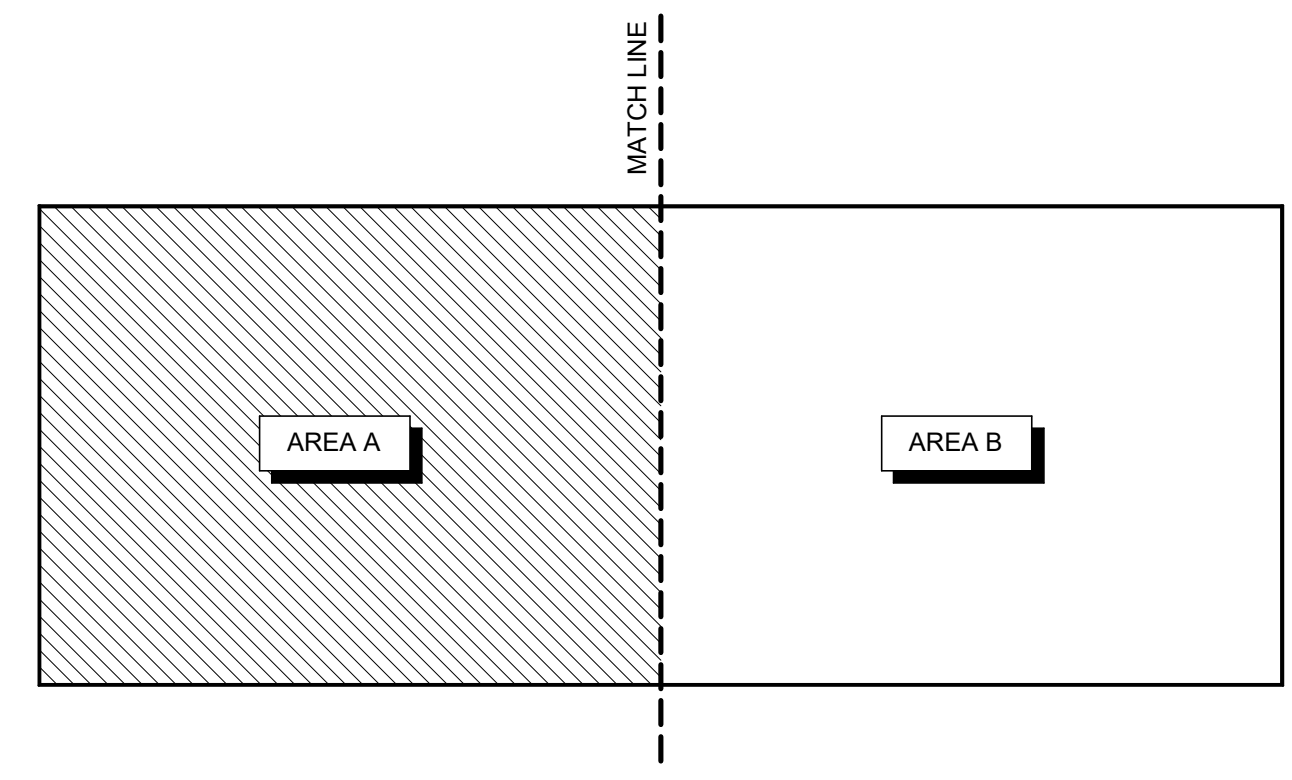
S200



SLAB ON GRADE PLAN AREA A
SCALE: 1/16" = 1'-0"

- NOTES:
1. FINISHED FLOOR ELEVATION INDICATED ON SITE PLAN EQUALS DATUM ELEVATION 100'-0". COORDINATE ACTUAL ELEVATION WITH DATUM ELEVATION SHOWN HEREIN.
 2. FOR DESIGN CRITERIA AND GENERAL NOTES SEE SHEET S001.
 3. FOR TYPICAL CONCRETE CONSTRUCTION DETAILS SEE SHEET S003.
 4. FOR TYPICAL MASONRY CONSTRUCTION DETAILS SEE SHEET S004.
 5. FOR TYPICAL LIGHT GAGE METAL CONSTRUCTION SEE SHEET S007.
 6. WALL TYPE "1" DENOTES LIGHT GAGE METAL WALL TYPE SEE DETAIL A1/S007.
 7. "H" DENOTES HEADER. SEE DET D5/S004 FOR MASONRY HEADERS AND SEE DET A1/S007 FOR LGM HEADERS.
 8. FOR SLAB ON GRADE CONSTRUCTION SEE DETAILS ON SHEET S401.
 9. FOR SLAB ON GRADE JOINT DETAILS SEE SHEET S401.
 10. "1," AND "A," DESIGNATE TILT-UP WALL PANELS. SEE S600 SERIES FOR WALL PANEL ELEVATIONS AND SEE S700 SERIES FOR PANEL REINFORCING ELEVATIONS.

KEY PLAN
NTS



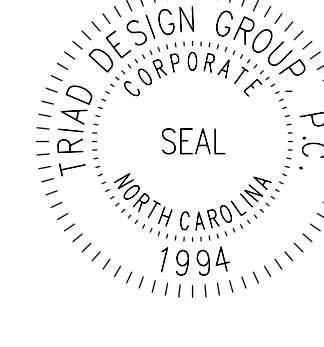


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NO	DATE	DESCRIPTION

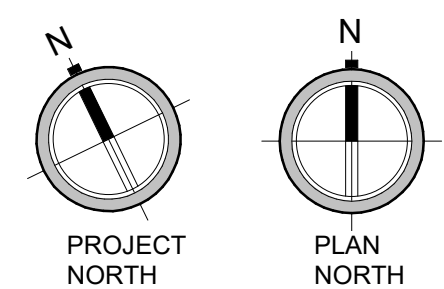
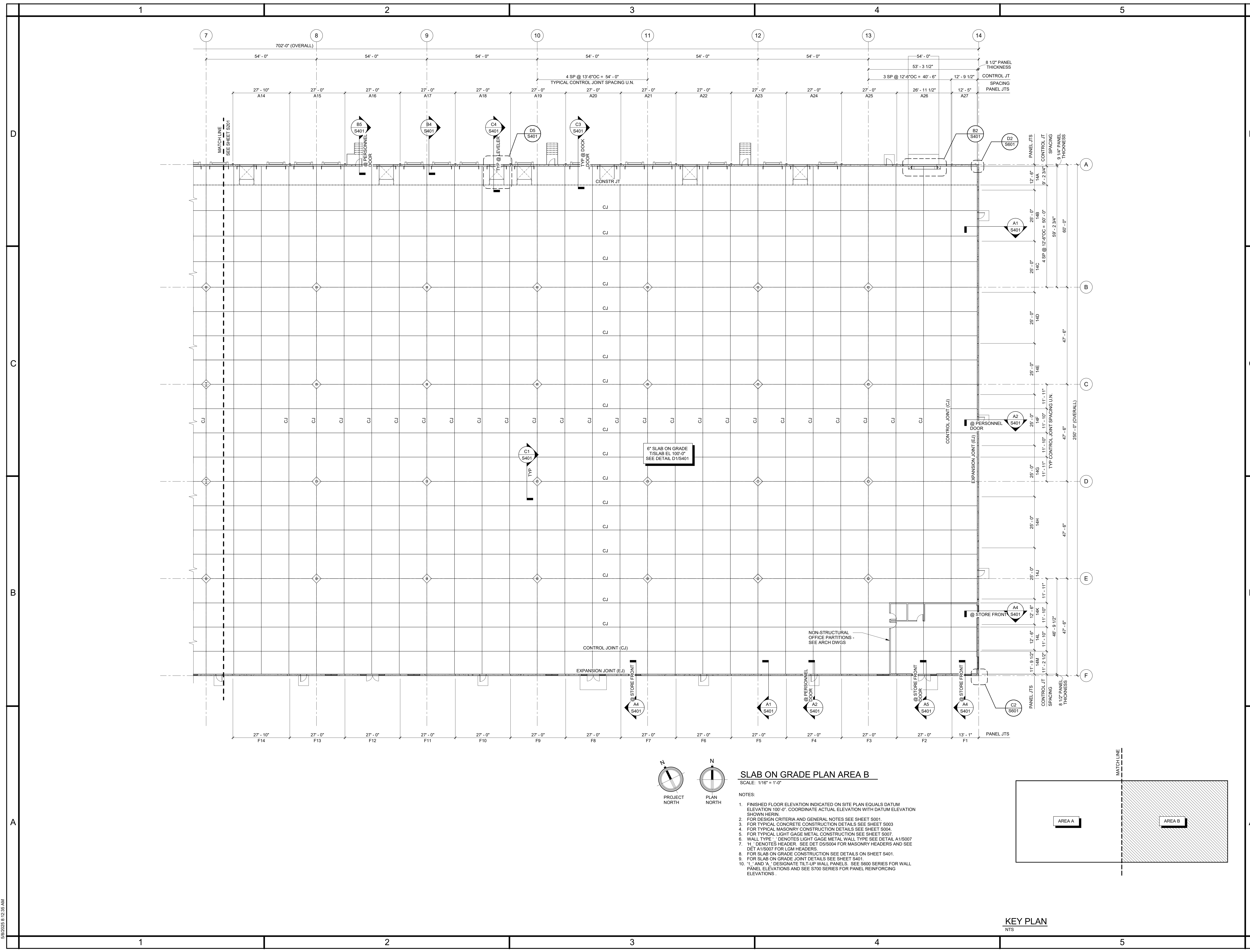
SHEET TITLE:

**SLAB ON GRADE
PLAN AREA A**

DATE: 2025-05-02
DRAWN: WEW **CHECK:** SCB
JOB NUMBER: 25-009
SHEET:

S201

5/8/2025 8:12:35 AM



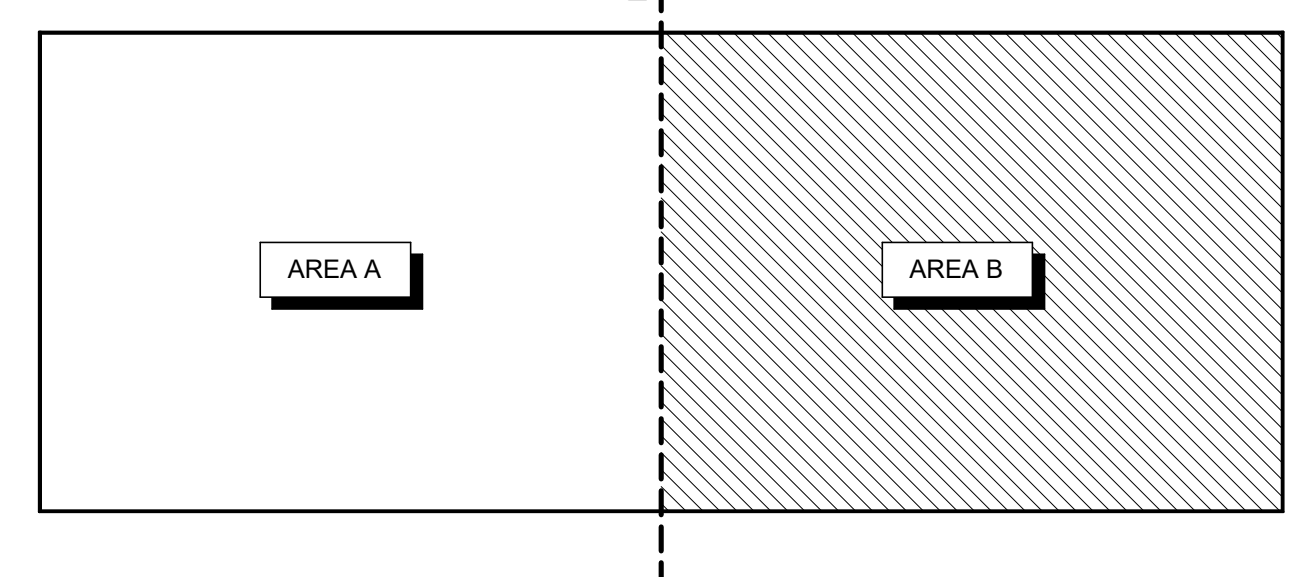
SLAB ON GRADE PLAN AREA B

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

- NOTES:
1. FINISHED FLOOR ELEVATION INDICATED ON SITE PLAN EQUALS DATUM ELEVATION 100'-0". COORDINATE ACTUAL ELEVATION WITH DATUM ELEVATION SHOWN HEREIN.
 2. FOR DESIGN CRITERIA AND GENERAL NOTES SEE SHEET S001.
 3. FOR TYPICAL CONCRETE CONSTRUCTION DETAILS SEE SHEET S003.
 4. FOR TYPICAL MASONRY CONSTRUCTION DETAILS SEE SHEET S004.
 5. FOR TYPICAL LIGHT GAGE METAL CONSTRUCTION SEE SHEET S007.
 6. WALL TYPE "1" DENOTES LIGHT GAGE METAL WALL TYPE SEE DETAIL A1/S007.
 7. "H" DENOTES HEADER. SEE DET D5/S004 FOR MASONRY HEADERS AND SEE DET A1/S007 FOR LGM HEADERS.
 8. FOR SLAB ON GRADE CONSTRUCTION SEE DETAILS ON SHEET S401.
 9. FOR SLAB ON GRADE JOINT DETAILS SEE SHEET S401.
 10. "1" AND "A" DESIGNATE TILT-UP WALL PANELS. SEE S600 SERIES FOR WALL PANEL ELEVATIONS AND SEE S700 SERIES FOR PANEL REINFORCING ELEVATIONS.

KEY PLAN

NTS





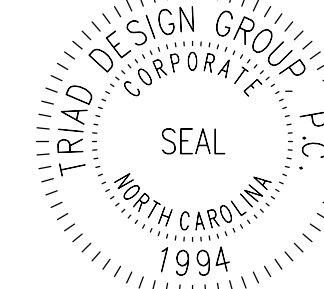
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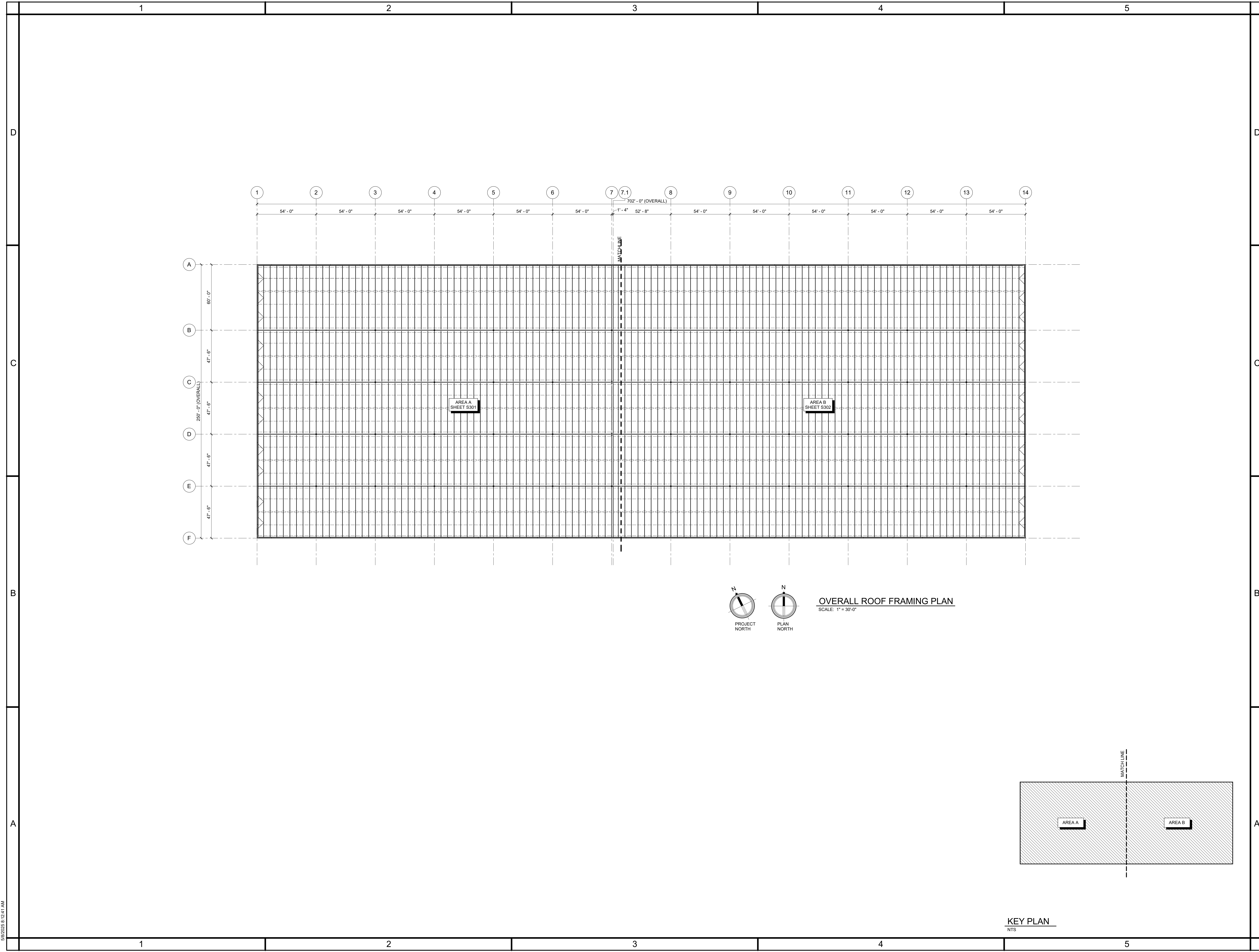
REVISIONS:		
NO	DATE	DESCRIPTION

SHEET TITLE:

SLAB ON GRADE
PLAN AREA B

DATE: 2025-05-02
DRAWN: WEW **CHECK:** SCB
JOB NUMBER: 25-009
SHEET:

S202

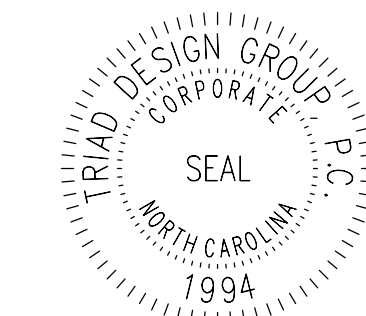


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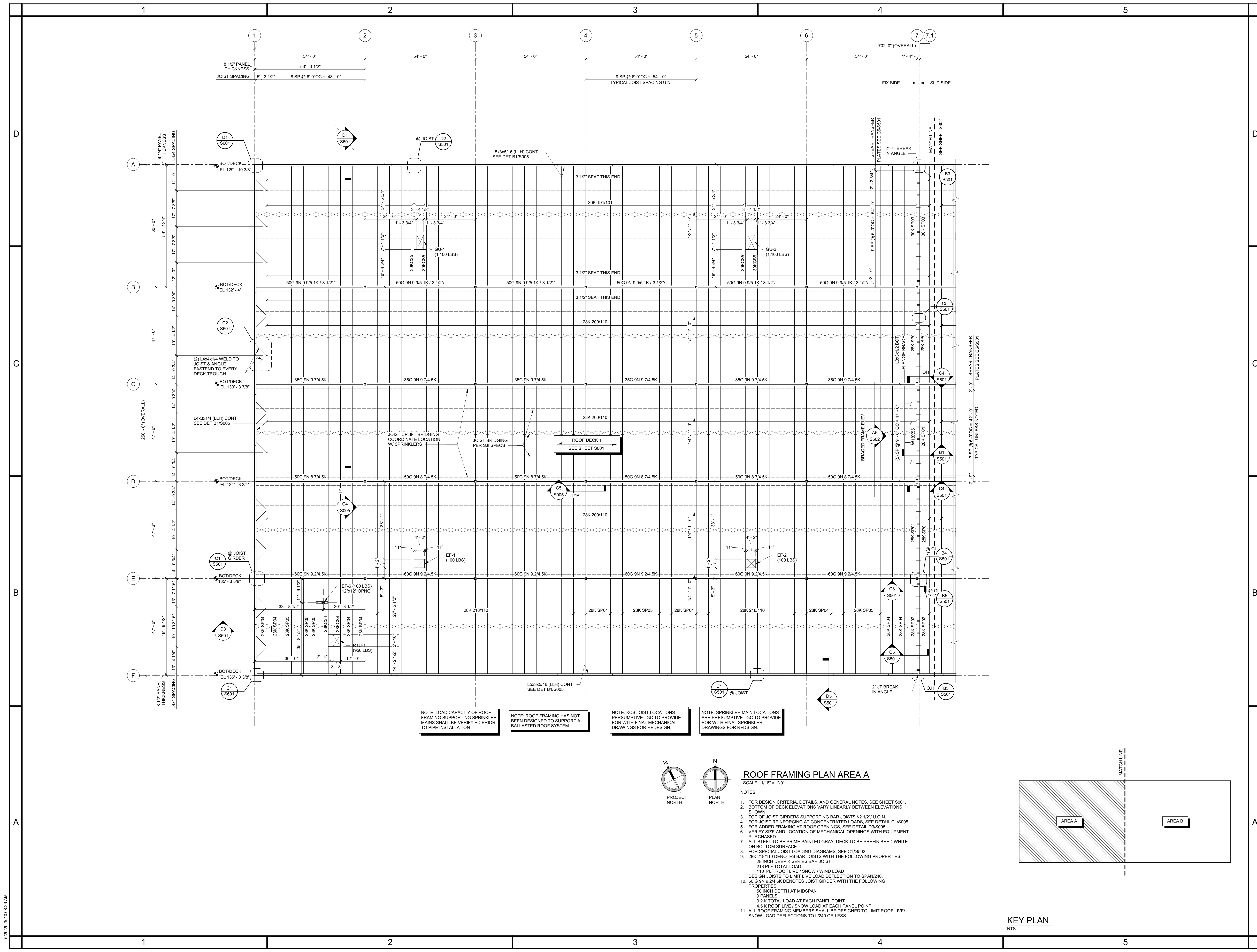
REVISIONS:	
NO	DATE
DESCRIPTION	

SHEET TITLE:
OVERALL ROOF
FRAMING PLAN

DATE: 2025-05-02
DRAWN: WEW CHECK: SCB
JOB NUMBER: 25-009
SHEET:

S300

5/20/2025 10:08:26 AM

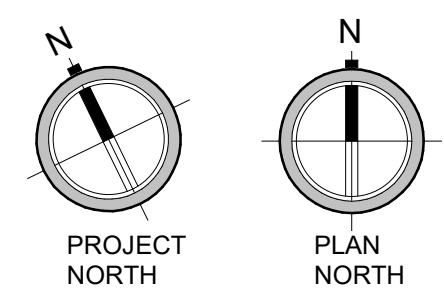


NOTE: LOAD CAPACITY OF ROOF FRAMING SUPPORTING SPRINKLER MAINS SHALL BE VERIFIED PRIOR TO PIPE INSTALLATION

NOTE: ROOF FRAMING HAS NOT BEEN DESIGNED TO SUPPORT A BALLASTED ROOF SYSTEM

NOTE: KCS JOIST LOCATIONS PRESUMPTIVE. GC TO PROVIDE EOR WITH FINAL MECHANICAL DRAWINGS FOR REDESIGN

NOTE: SPRINKLER MAIN LOCATIONS ARE PRESUMPTIVE. GC TO PROVIDE EOR WITH FINAL SPRINKLER DRAWINGS FOR REDSIGN



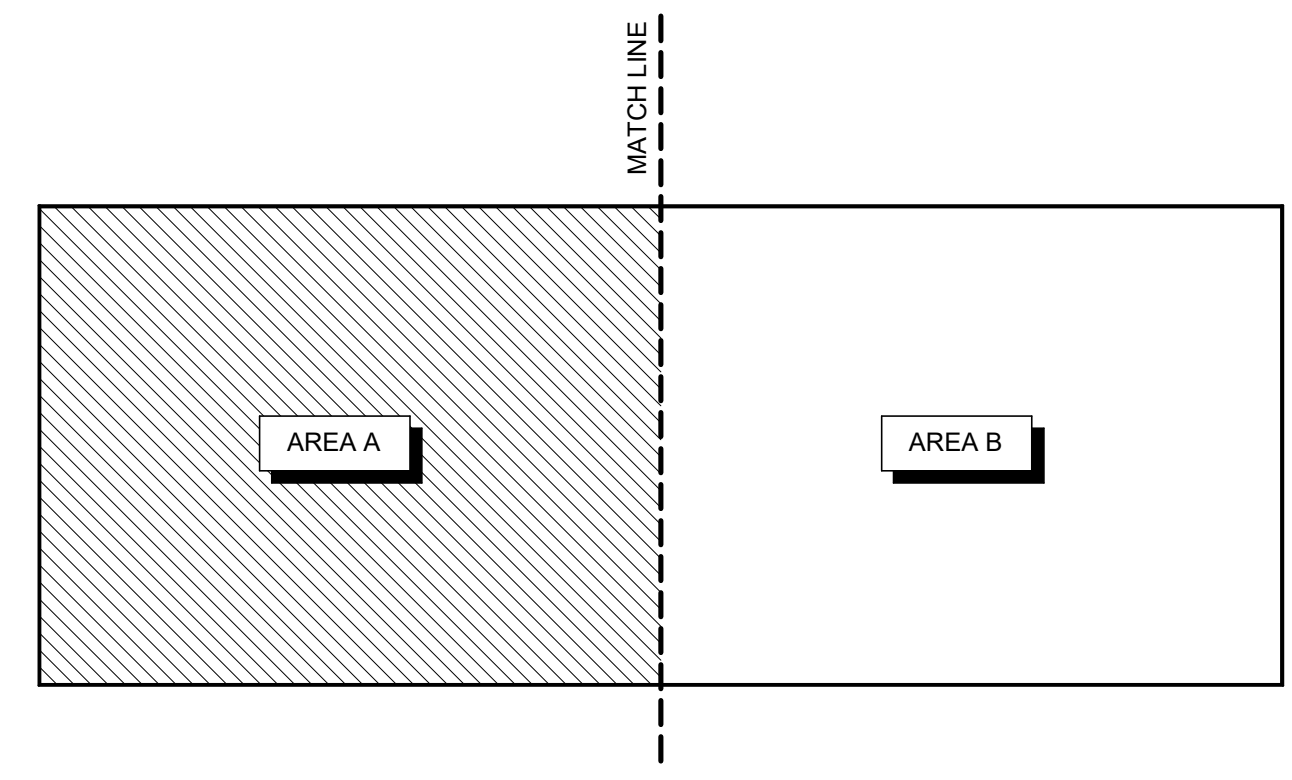
ROOF FRAMING PLAN AREA A

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

- NOTES:
- FOR DESIGN CRITERIA, DETAILS, AND GENERAL NOTES. SEE SHEET S001
 - BOTTOM OF DECK ELEVATIONS VARY LINEARLY BETWEEN ELEVATIONS SHOWN
 - TOP OF JOIST GIRDERS SUPPORTING BAR JOISTS 1/2 1/2" U.O.N.
 - FOR JOIST REINFORCING AT CONCENTRATED LOADS. SEE DETAIL C1/S005
 - FOR ADDED FRAMING AT ROOF OPENINGS. SEE DETAIL D3/S005
 - VERIFY SIZE AND LOCATION OF MECHANICAL OPENINGS WITH EQUIPMENT PURCHASER
 - ALL STEEL TO BE PRIME PAINTED GRAY. DECK TO BE PREFINISHED WHITE ON BOTTOM SURFACE
 - FOR SPECIAL JOIST LOADING DIAGRAMS, SEE C1/S002
 - 28K 218/110 DENOTES BAR JOISTS WITH THE FOLLOWING PROPERTIES:
28 INCH DEEP K SERIES BAR JOIST
218 PLF TOTAL LOAD
10 PLF ROOF LIVE / SNOW / WIND LOAD
DESIGN JOISTS TO LIMIT LIVE LOAD DEFLECTION TO SPAN/240
 - 50 G 9N 9.2/4.5K DENOTES JOIST GIRDER WITH THE FOLLOWING PROPERTIES:
50 INCH DEPTH AT MIDSPAN
9 PANELS
9.2 K TOTAL LOAD AT EACH PANEL POINT
4.5 K ROOF LIVE / SNOW LOAD AT EACH PANEL POINT
 - ALL ROOF FRAMING MEMBERS SHALL BE DESIGNED TO LIMIT ROOF LIVE/ SNOW LOAD DEFLECTIONS TO L/240 OR LESS

KEY PLAN

NTS



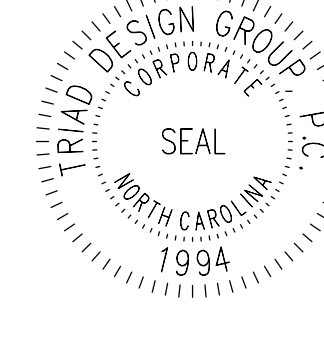


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REVISIONS:

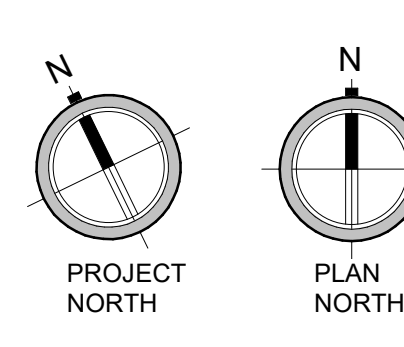
NO	DATE	DESCRIPTION

SHEET TITLE:

ROOF FRAMING
PLAN AREA A

DATE: 2025-05-02
DRAWN: WEW **CHECK:** SCB
JOB NUMBER: 25-009
SHEET:

S301

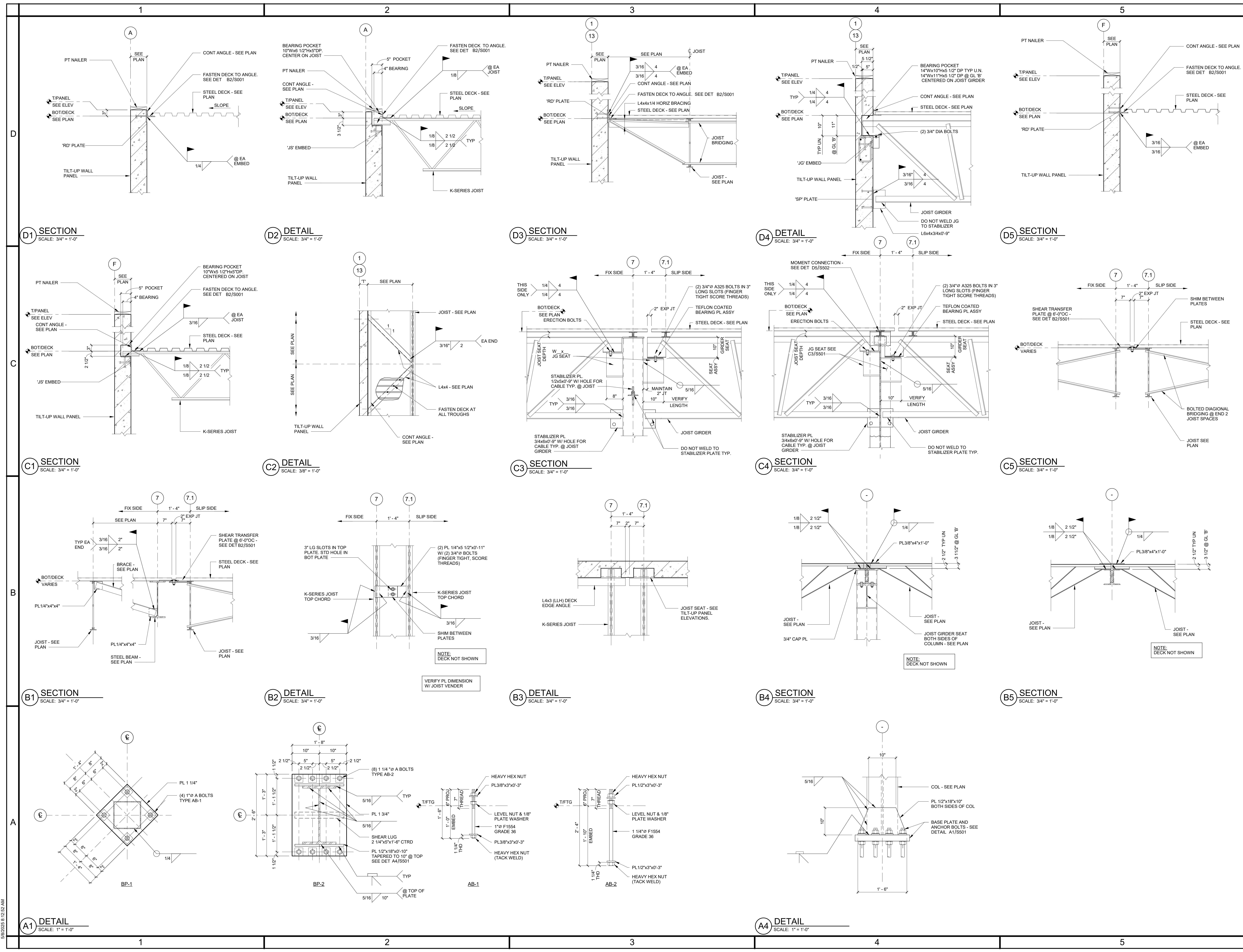


NOTES

1. FOR DESIGN CRITERIA, DETAILS, AND GENERAL NOTES, SEE SHEET S001.
2. BOTTOM OF DECK ELEVATIONS VARY LINEARLY BETWEEN ELEVATIONS 288'2.00 AND 288'10.00.
3. TOP OF JOIST GIRDERS SUPPORTING BAR JOISTS $\geq 2 \text{ I}27 \text{ U}1 \text{ N}$.
4. FOR JOIST REINFORCING AT CONCENTRATED LOADS, SEE DETAIL C15005.
5. FOR JOIST REINFORCING AT UNIFORM LOADS, SEE DETAIL C15006.
6. VERIFY SIZE AND LOCATION OF MECHANICAL OPENINGS WITH EQUIPMENT PURCHASER.
7. ALL SURF. IS TO BE PRIME PAINTED GRAY. DECK TO BE PRIMEFINISH WHITE ON BOTTOM SURFACE.
8. FOR SPECIAL JOIST LOADING DIAGRAMS, SEE C15/S002.
9. 288'2.00 DENOTES BAR JOISTS WITH THE FOLLOWING PROPERTIES:
28 INCH DEEP K SERIES BAR JOIST
120 PLF TOTAL LOAD
110 PLF ROOF LIVE / SNOW / WIND LOAD
10. DESIGN JOISTS TO LIMIT LIVE LOAD DEFLECTION TO $SPAN/240$.
11. 50 C IN 2.24 SC DENOTES JOIST GIRDER WITH THE FOLLOWING PROPERTIES:
50 INCH DEPTH AT MIDSPAN
9 PANELS
9.2 K TOTAL LOAD AT EACH PANEL POINT
4.5 K ROOF LIVE / SNOW LOAD AT EACH PANEL POINT
12. ALL ROOF FRAMING MEMBERS SHALL BE DESIGNED TO LIMIT ROOF LIVE / SNOW LOAD DEFLECTIONS TO $L/240$ OR LESS.



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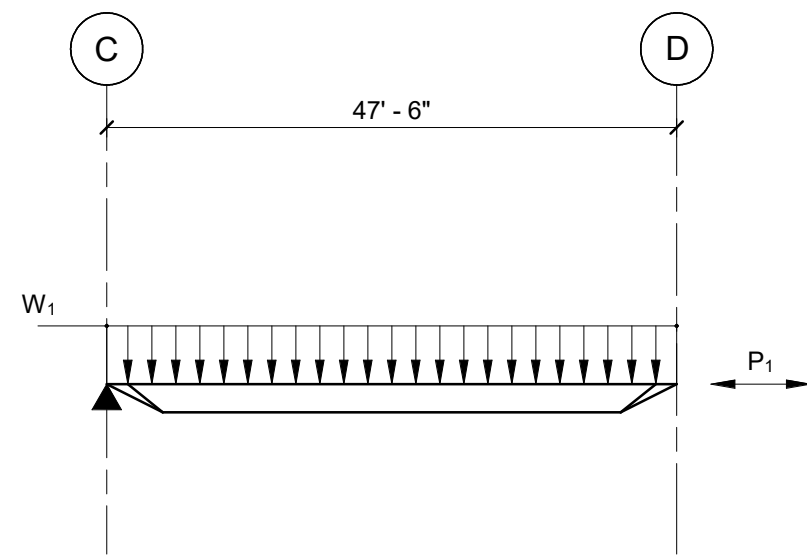
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STEEL SECTIONS
and DETAILS

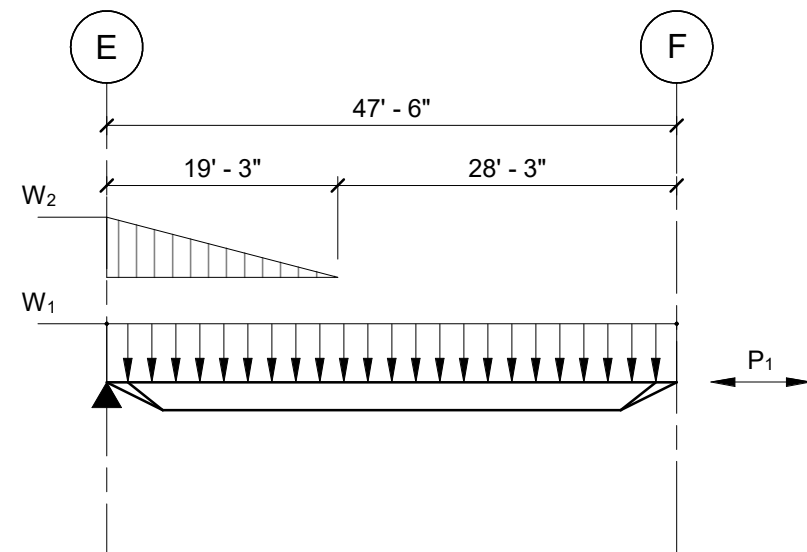
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SHEET:	

S501

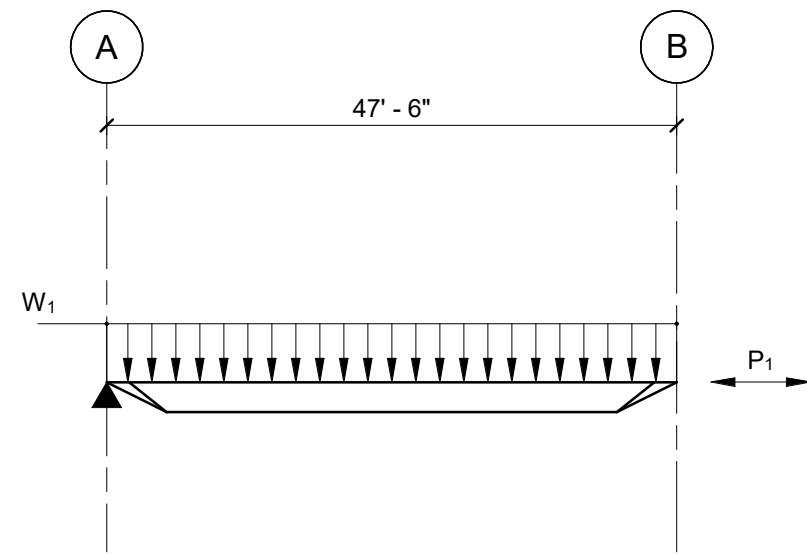
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LOAD	W ₁	P ₁
DEAD	60	-
COL (DEAD)	30	-
FLOOR LIVE	-	-
ROOF LIVE	120	-
SNOW (MIN)	93	-
SNOW (DRIFT)	-	-
WIND	+96	-
VERT EFFECT	-152	-
WIND	-	+10,500
HORIZ EFFECT	-	-10,500
SEISMIC	-	+6,550
HORIZ EFFECT	-	-6,550



LOAD	W ₁	W ₂	P ₁
DEAD	60	-	-
COL (DEAD)	30	-	-
FLOOR LIVE	-	-	-
ROOF LIVE	120	-	-
SNOW (MIN)	93	-	-
SNOW (DRIFT)	57	287	-
WIND	+96	-	-
VERT EFFECT	-152	-	-
WIND	-	-	+10,000
HORIZ EFFECT	-	-	-10,000
SEISMIC	-	-	+6,300
HORIZ EFFECT	-	-	-6,300

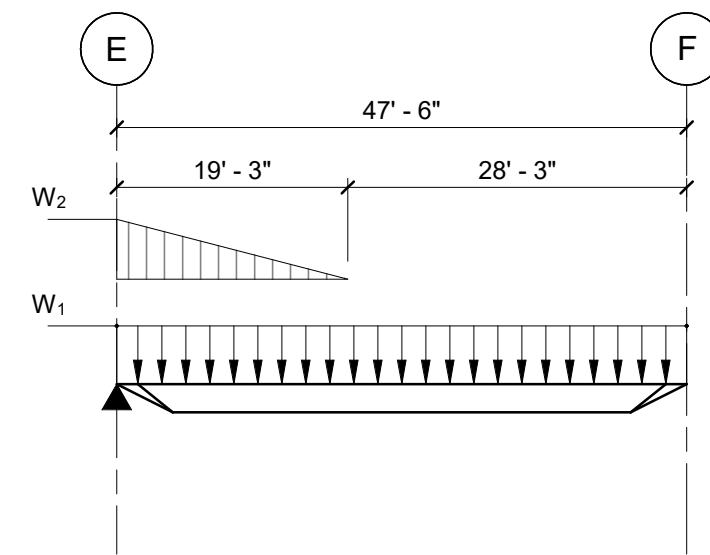


LOAD	W ₁	P ₁
DEAD	60	-
COL (DEAD)	30	-
FLOOR LIVE	-	-
ROOF LIVE	120	-
SNOW (MIN)	93	-
SNOW (DRIFT)	-	-
WIND	+96	-
VERT EFFECT	-152	-
WIND	-	+7,900
HORIZ EFFECT	-	-7,900
SEISMIC	-	+5,000
HORIZ EFFECT	-	-5,000

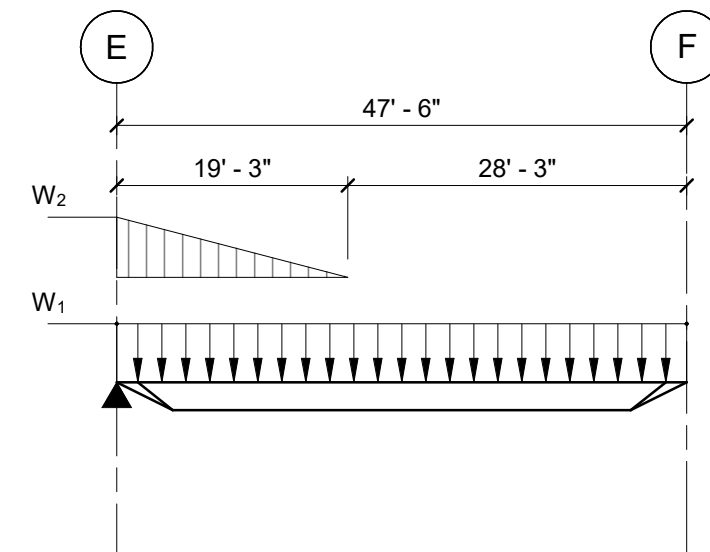
C1 DETAIL
SCALE: 1/16" = 1'-0"

JOIST & JOIST GIRDER LOAD DIAGRAM NOTES

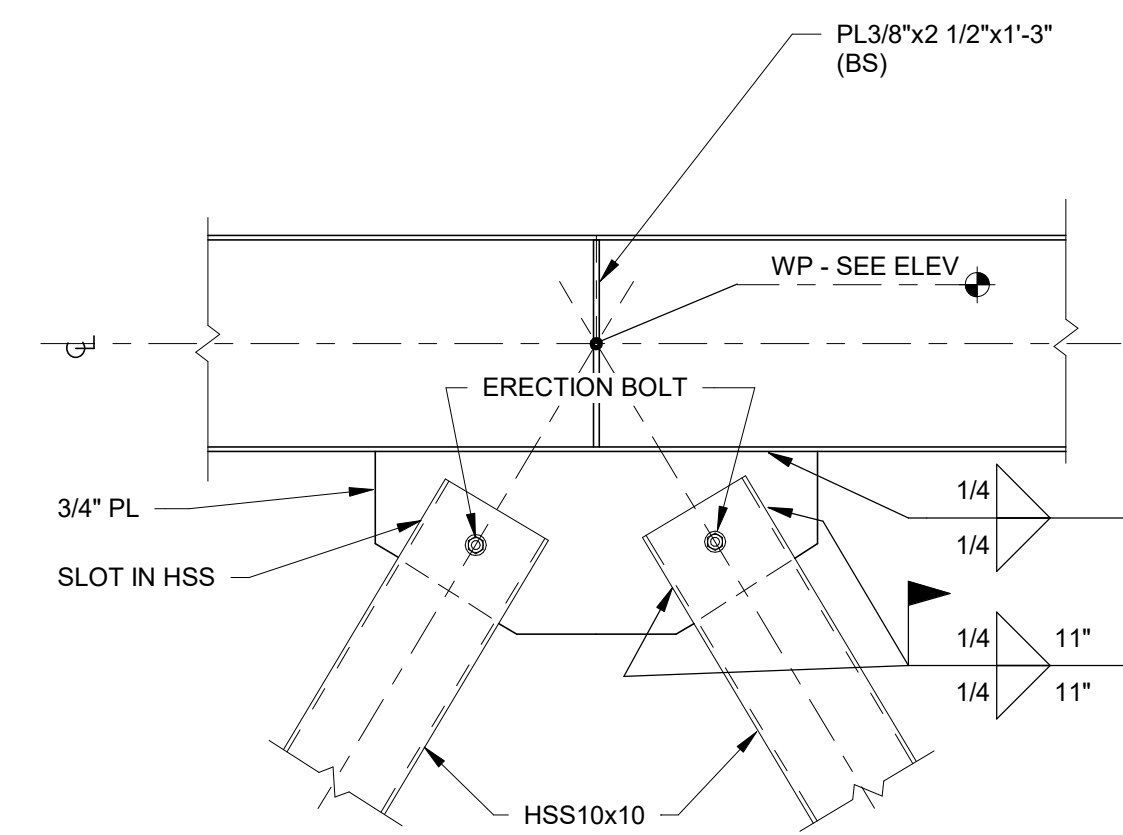
- LOADS SHALL BE COMBINED IN ACCORDANCE WITH LOAD COMBINATIONS STIPULATED IN THE CURRENT EDITION OF THE NORTH CAROLINA STATE BUILDING CODE.
- ALL TABULATED LOADS ARE UNFACTORED (RAW VALUES).
AT JOISTS: UNIFORM LOADS IN PLF, CONCENTRATED LOADS IN LBS, AND MOMENT LOADS IN FT-LBS.
AT JOIST GIRDERS: CONCENTRATED LOADS IN KIPS (1 KIP=1,000 LBS) AND MOMENT LOADS IN KIP-FT.
- LOADS SHALL ADHERE TO THE FOLLOWING SIGN CONVENTION:
NEGATIVE LOADS ARE UPWARD/CLOCKWISE, POSITIVE LOADS ARE DOWNWARD/COUNTERCLOCKWISE.
- WHERE APPLICABLE, FLOOR AND ROOF LIVE LOADS HAVE BEEN REDUCED PER PROVISIONS OF THE BUILDING CODE. NO ADDITIONAL REDUCTIONS SHALL APPLY.
- ALL MEMBERS SHALL BE SIZED TO LIMIT DEFLECTIONS DUE TO LIVE OR SNOW LOAD AS FOLLOWS:
ROOF JOISTS AND JOIST GIRDERS: SPAN/240
FLOOR JOISTS AND JOIST GIRDERS: SPAN/360
- AT ROOF JOISTS, VERTICAL WIND LOADS ARE COMPONENTS AND CLADDING VALUES, AXIAL WIND LOADS ARE MWFRS VALUES. AT ROOF JOIST GIRDERS, ALL WIND LOADS ARE MWFRS VALUES.
- MINIMUM SNOW LOAD SHALL NOT BE COMBINED WITH SNOW DRIFT LOAD. JOISTS AND JOIST GIRDERS SHALL BE ANALYZED FOR BOTH LOADINGS AND SIZED FOR THE WORST CASE.



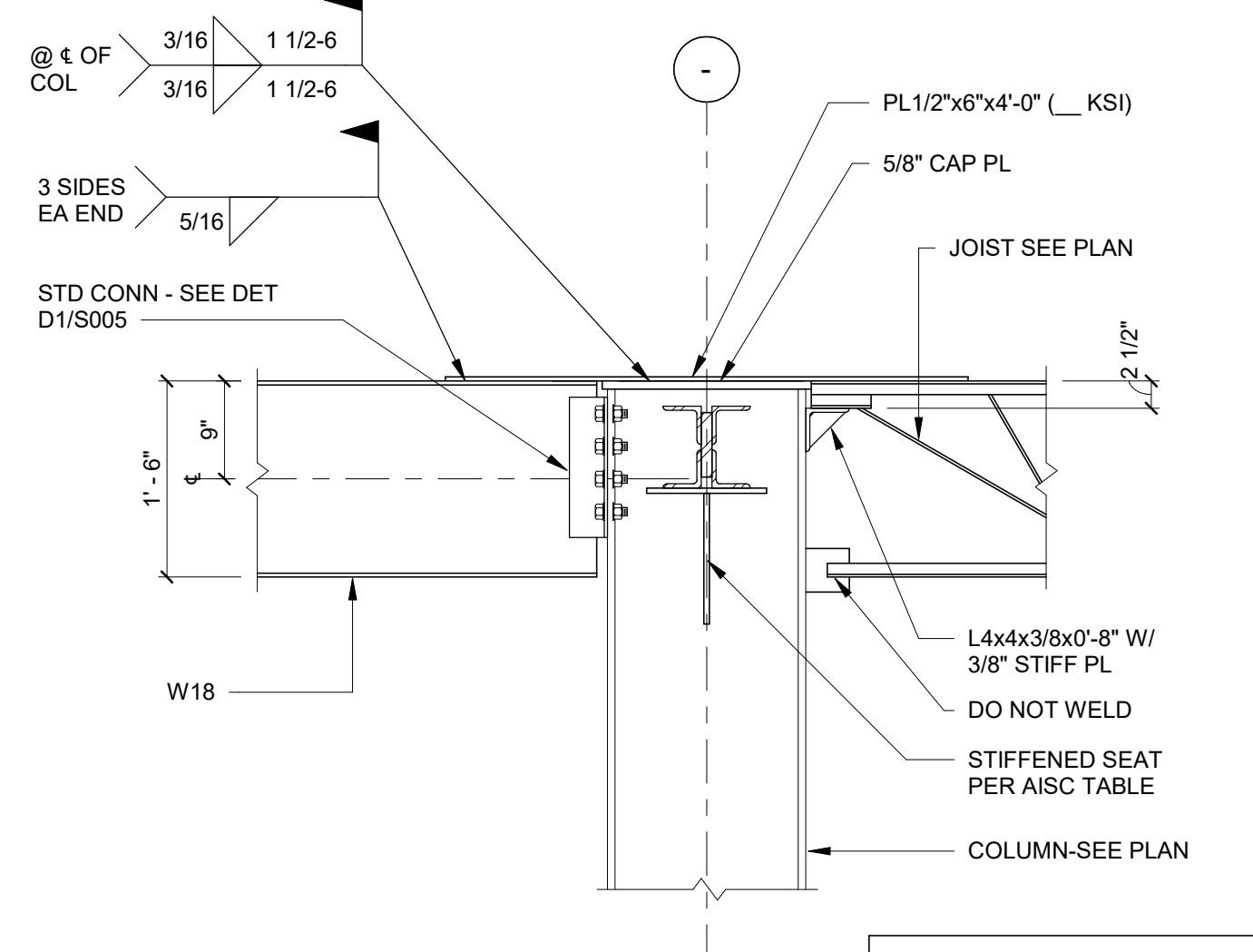
LOAD	W ₁	W ₂
DEAD	60	-
COL (DEAD)	30	-
FLOOR LIVE	-	-
ROOF LIVE	120	-
SNOW (MIN)	93	-
SNOW (DRIFT)	57	287
WIND	+96	-
VERT EFFECT	-152	-
WIND	-	+96
HORIZ EFFECT	-	-
SEISMIC	-	-
HORIZ EFFECT	-	-



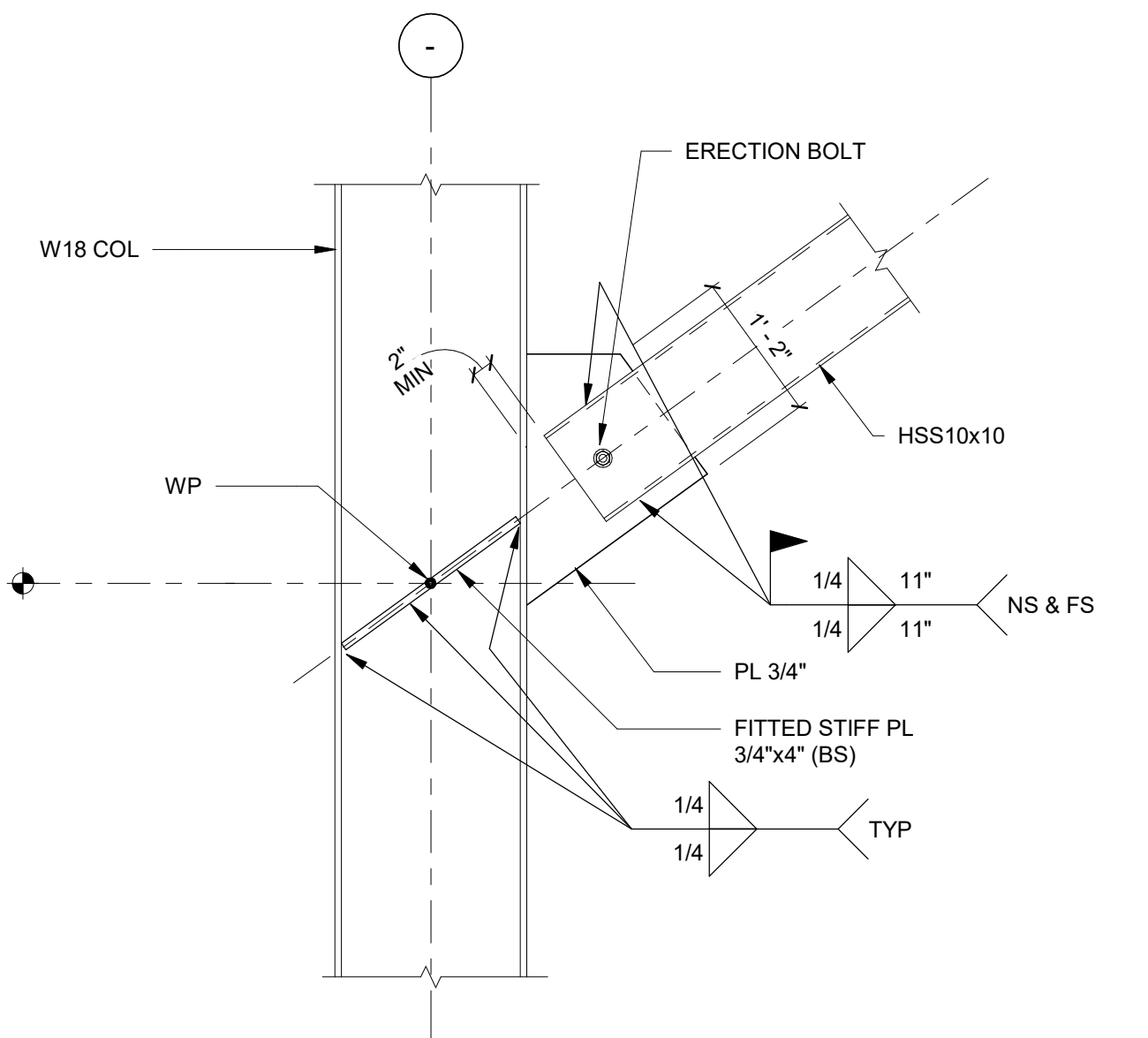
LOAD	W ₁	W ₂
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COL (DEAD)	30	-
FLOOR LIVE	-	-
ROOF LIVE	120	-
SNOW (MIN)	93	-
SNOW (DRIFT)	57	384
WIND	+96	-
VERT EFFECT	-152	-
WIND	-	-
HORIZ EFFECT	-	-
SEISMIC	-	-
HORIZ EFFECT	-	-



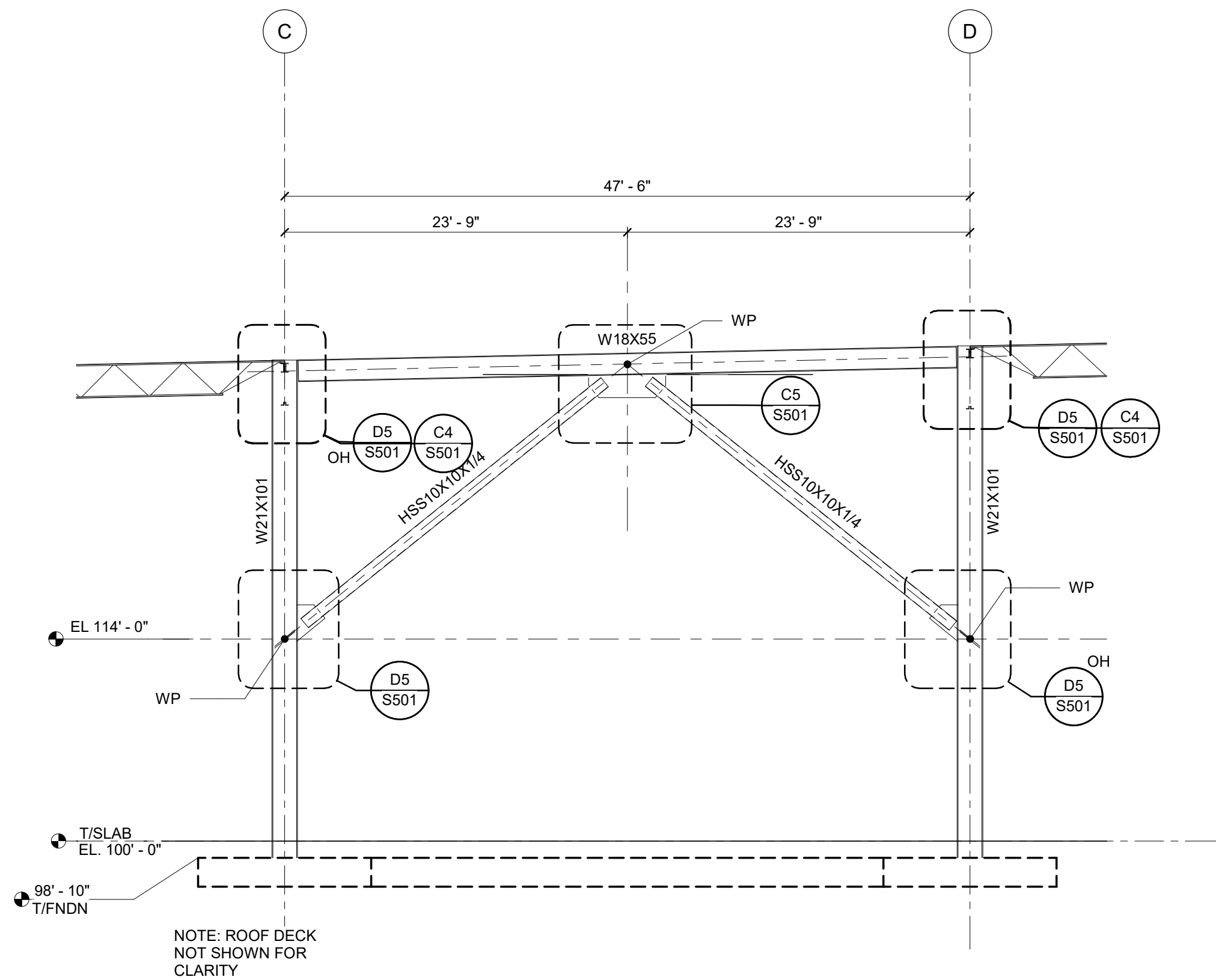
D4 DETAIL
SCALE: 3/4" = 1'-0"



D5 DETAIL
SCALE: 3/4" = 1'-0"



B5 DETAIL
SCALE: 3/4" = 1'-0"



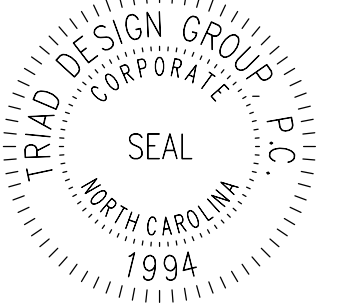
A5 BRACE ELEVATION
SCALE: 1/8" = 1'-0"



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SHEET TITLE:
STEEL SECTIONS
and DETAILS

DATE: 2025-05-02
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JOB NUMBER: 25-009
SHEET:

S502

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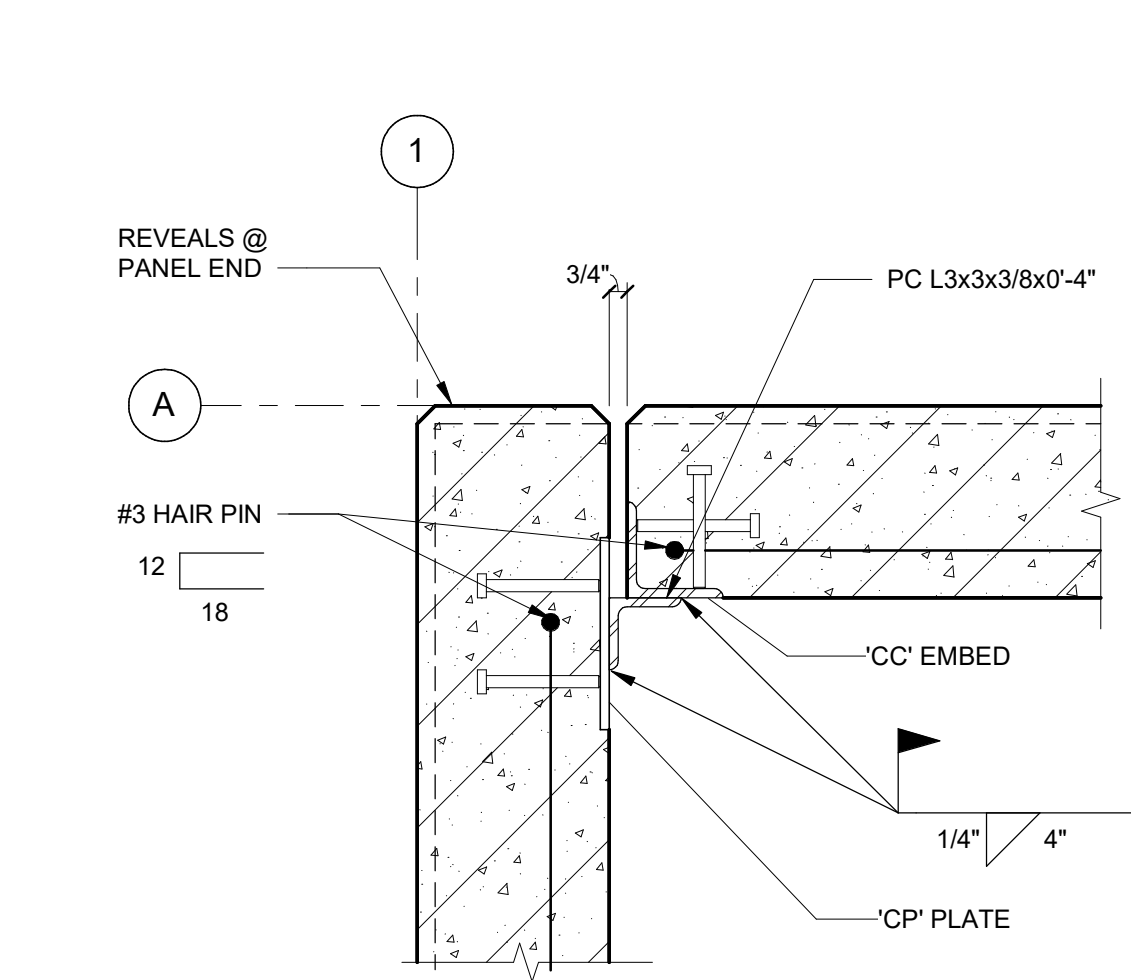
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C

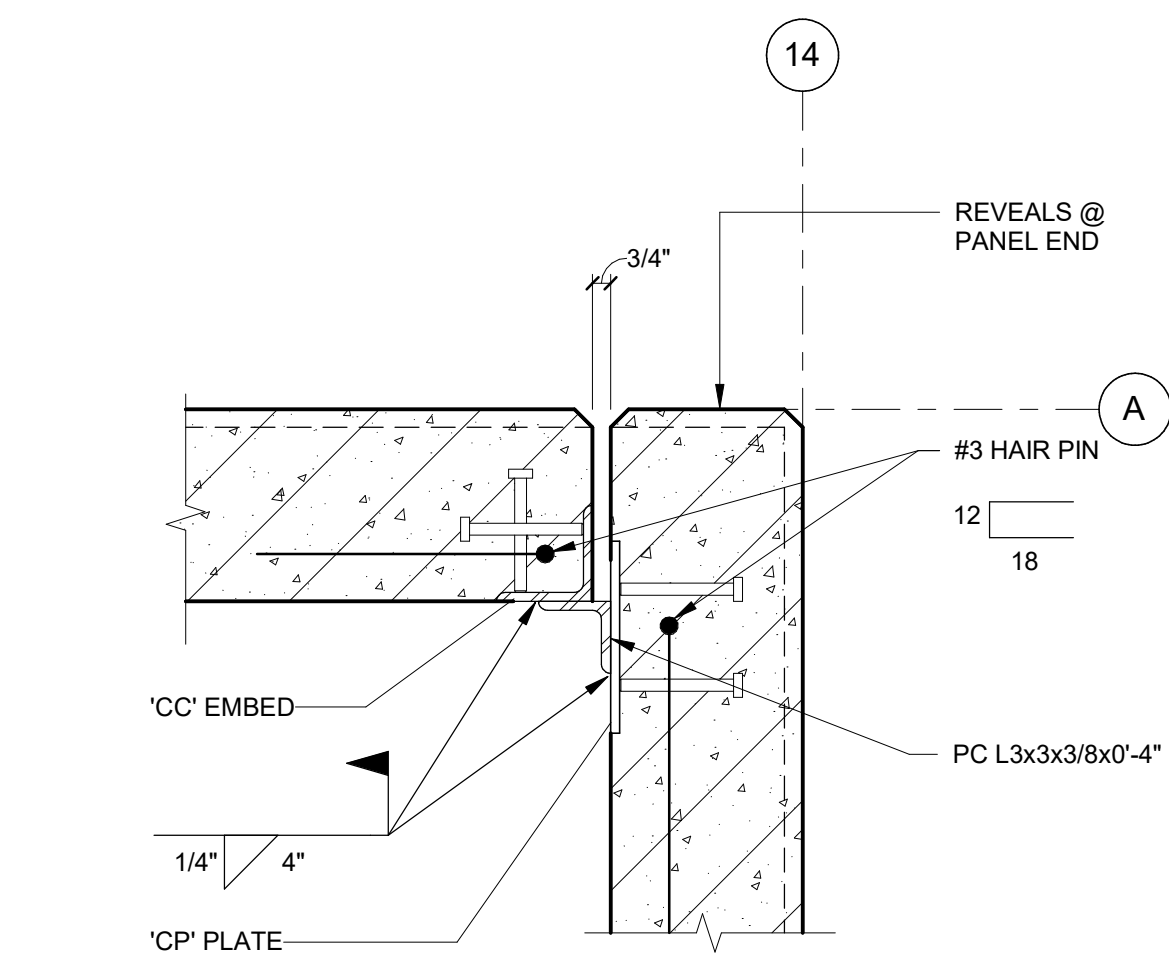
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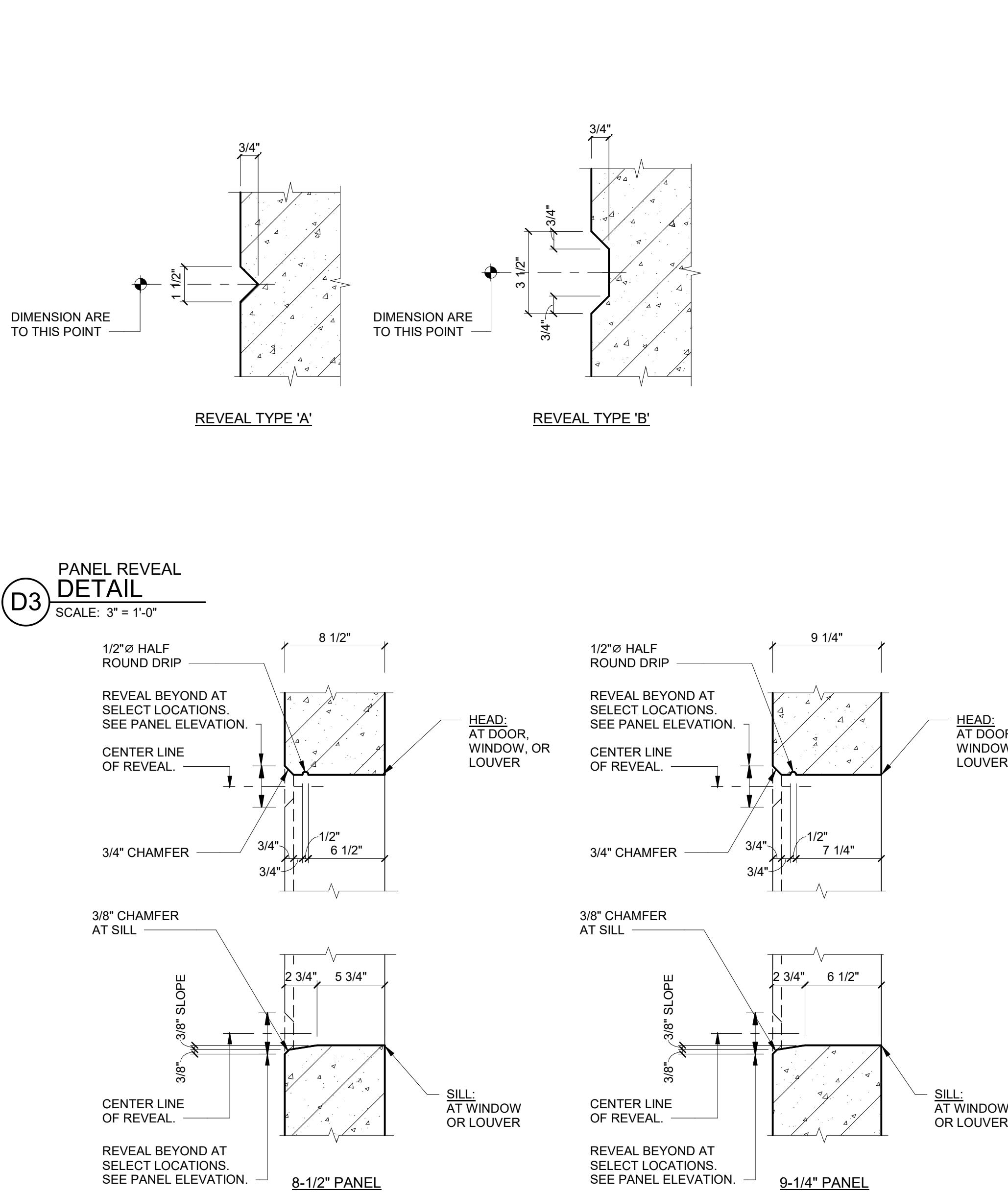
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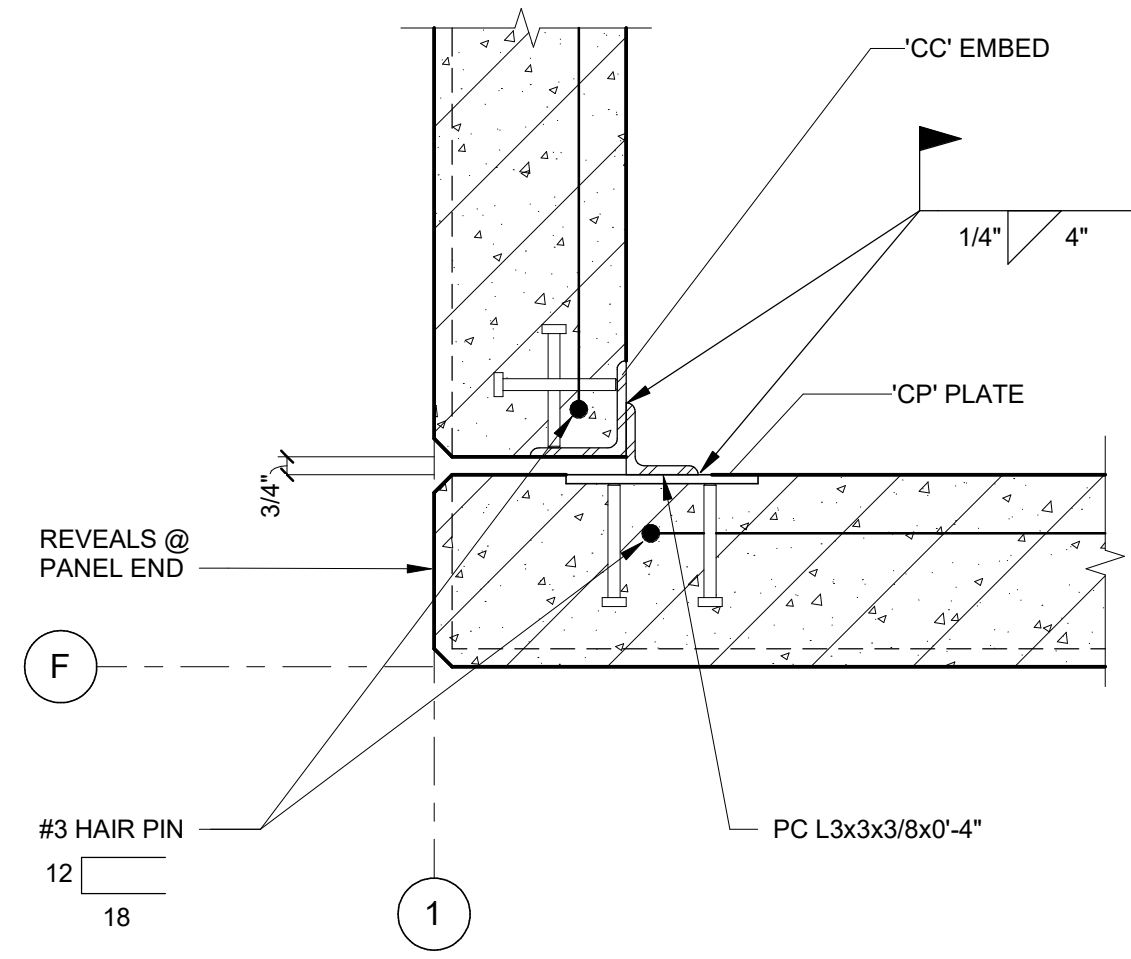
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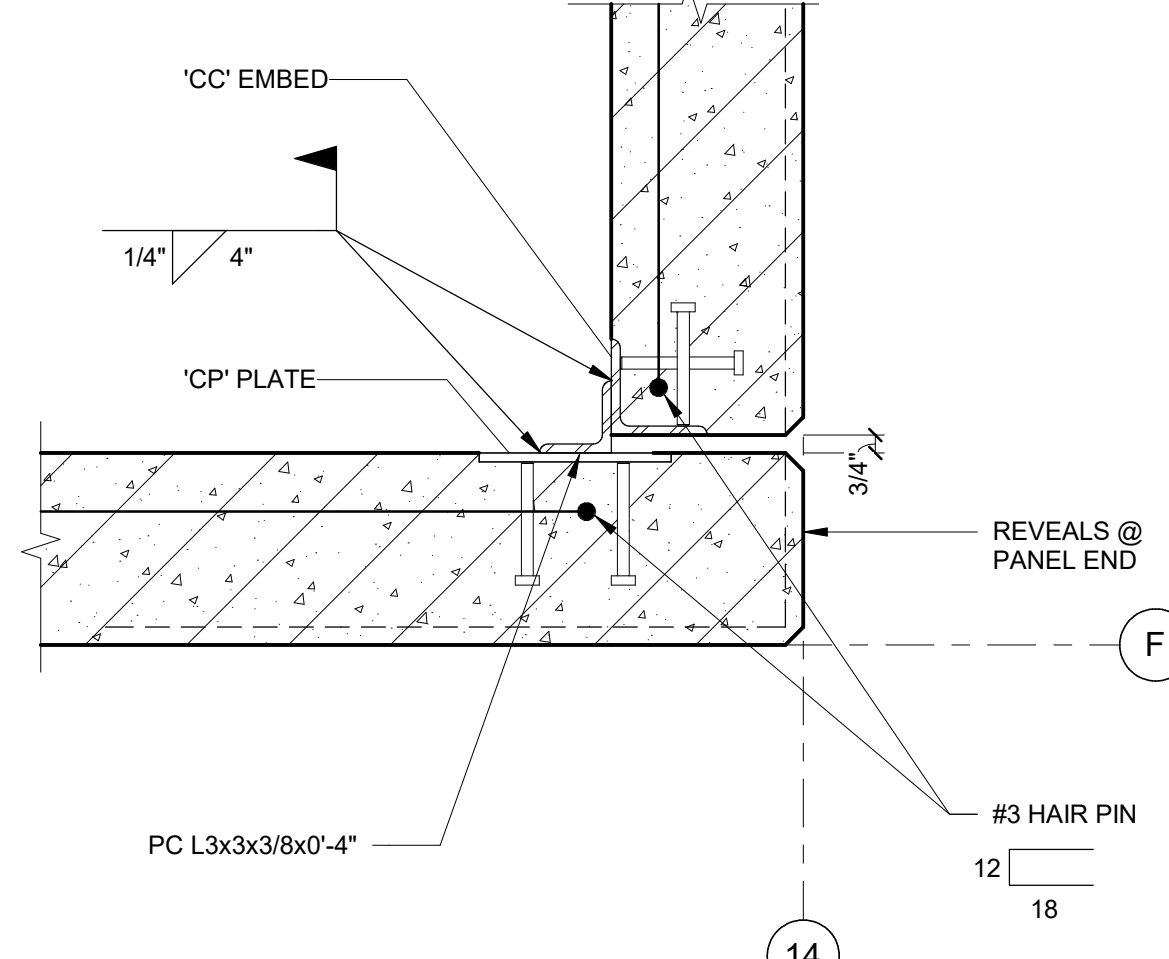
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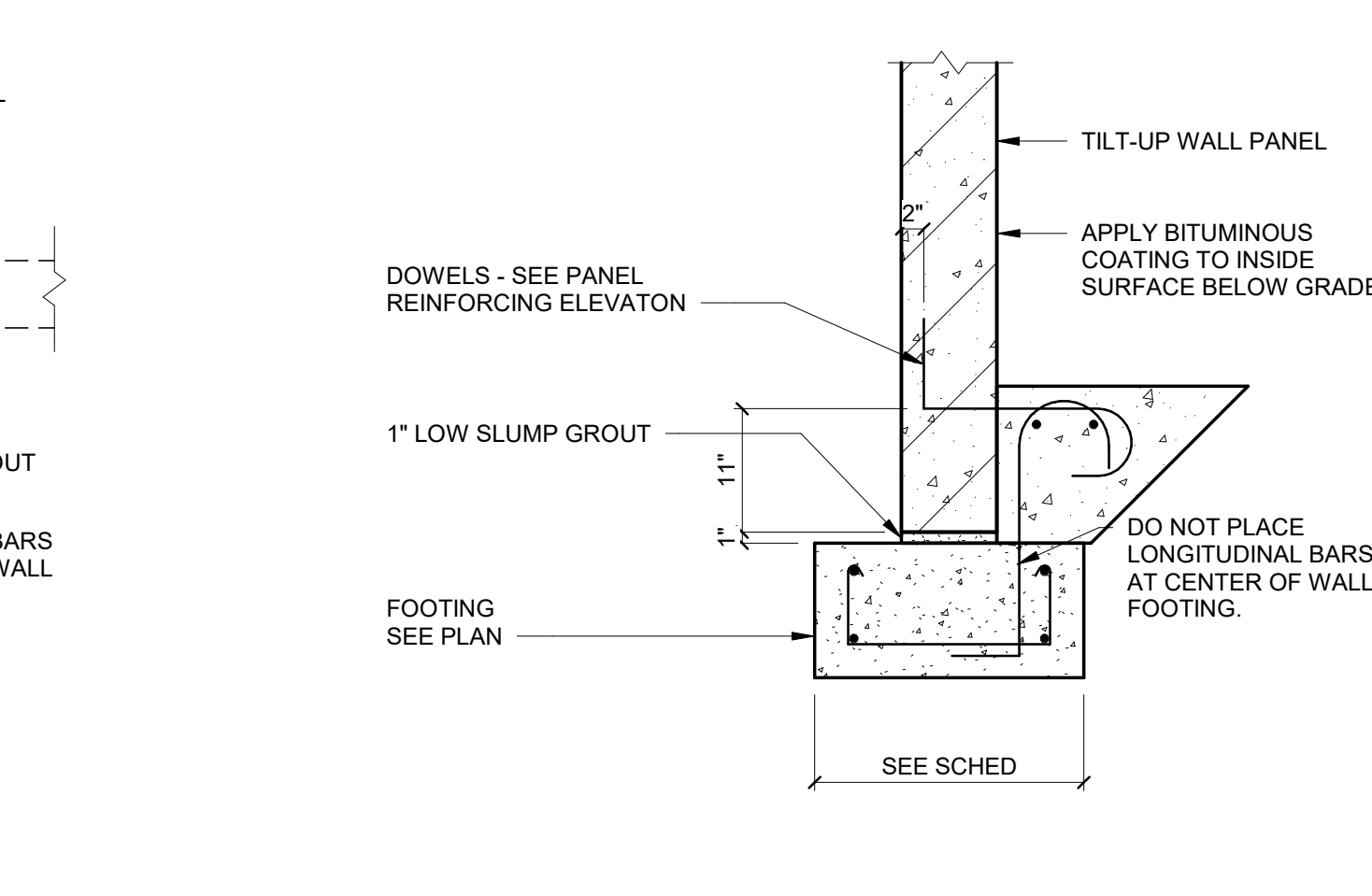
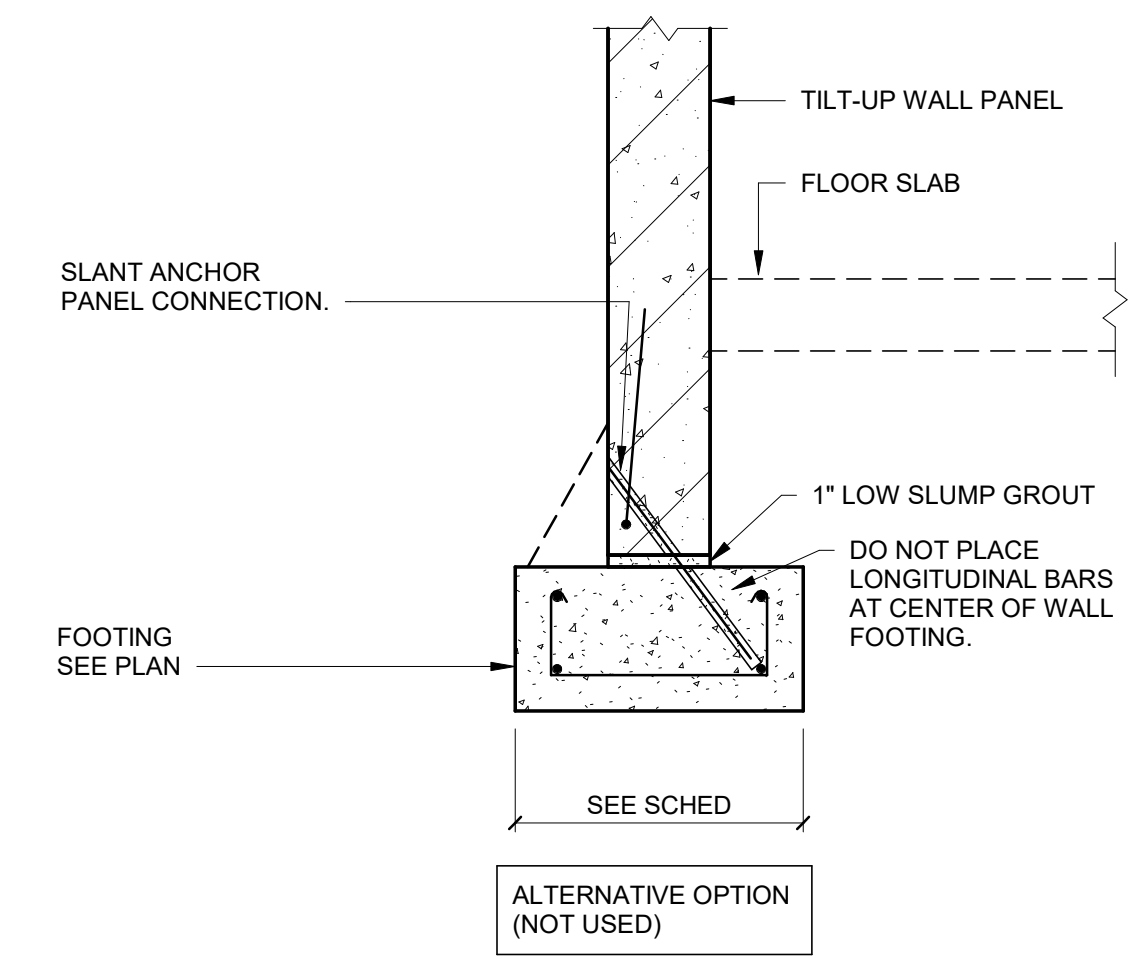
C1 DETAIL
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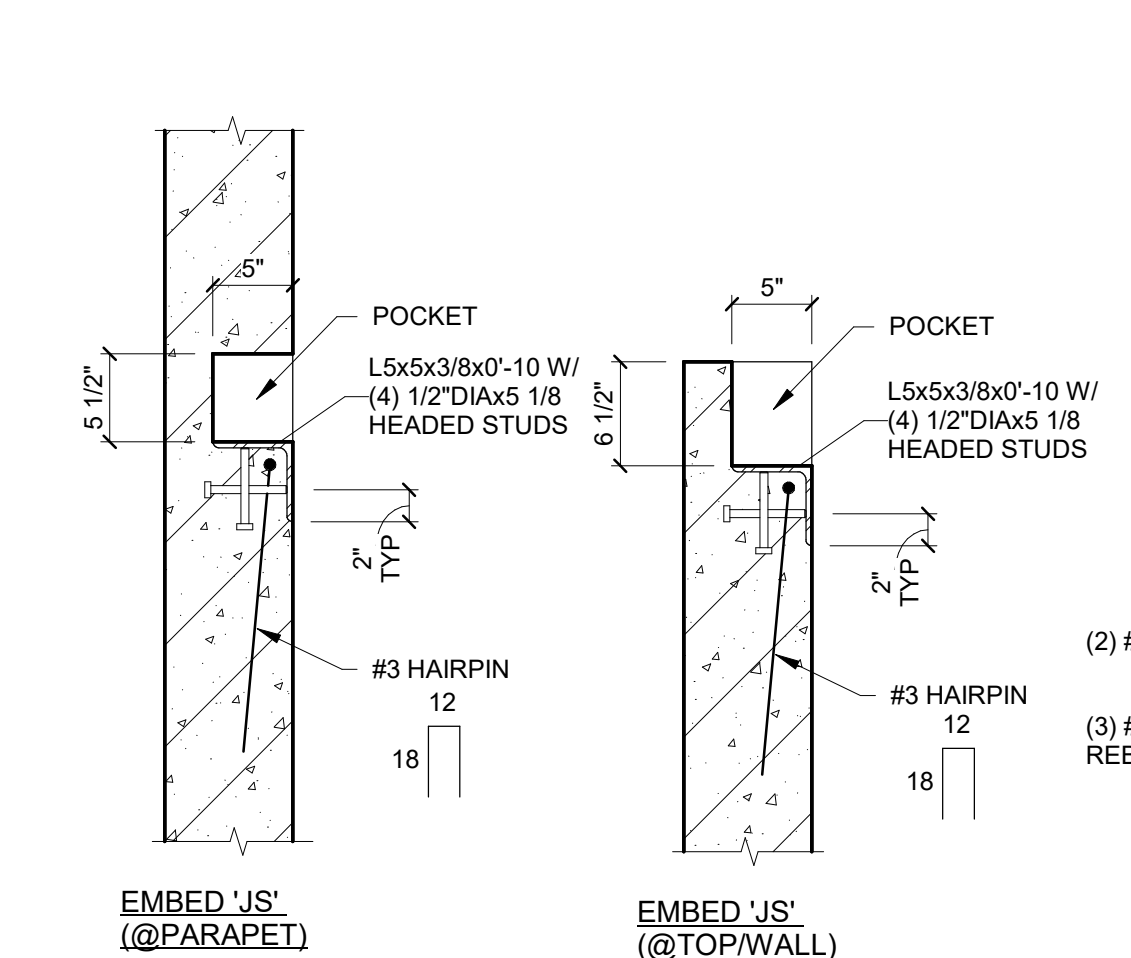
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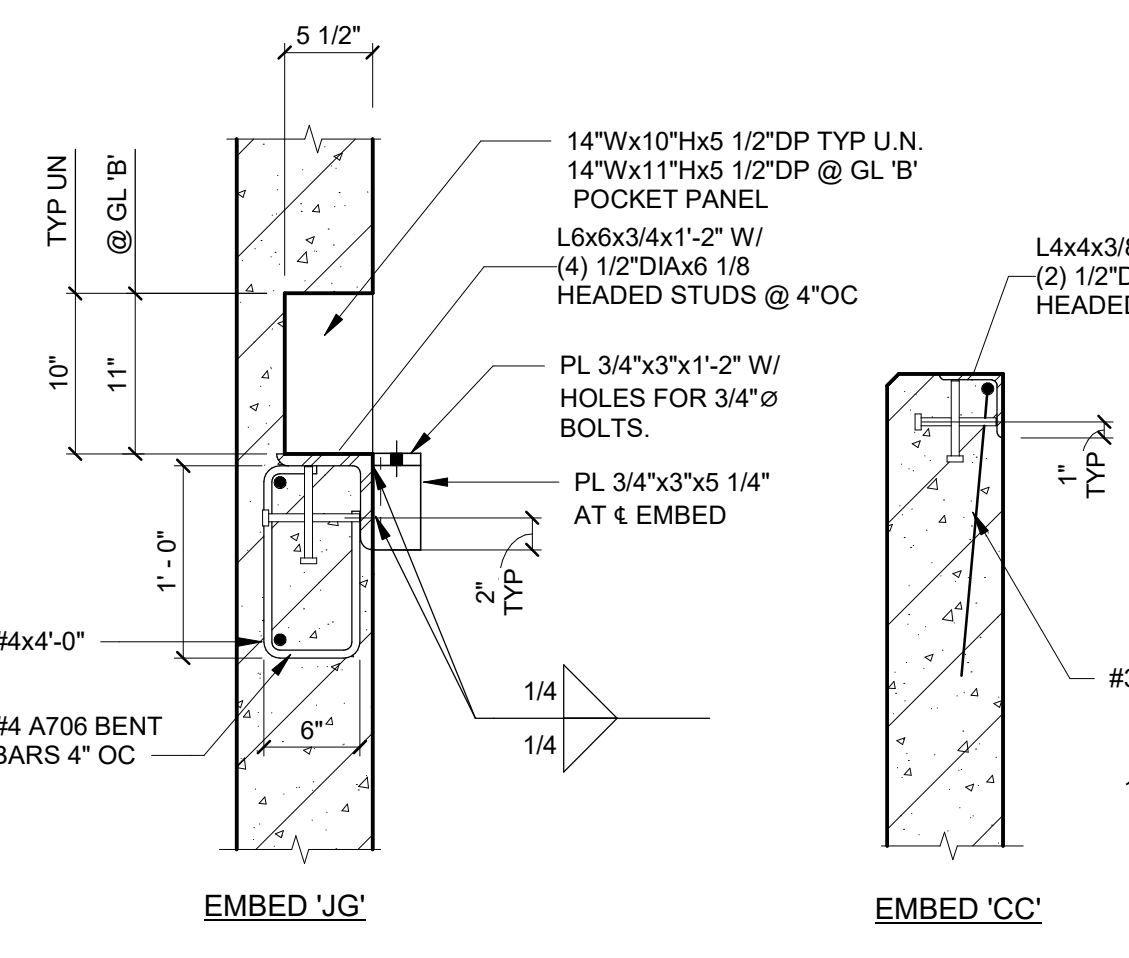
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SCALE: 1 1/2" = 1'-0"



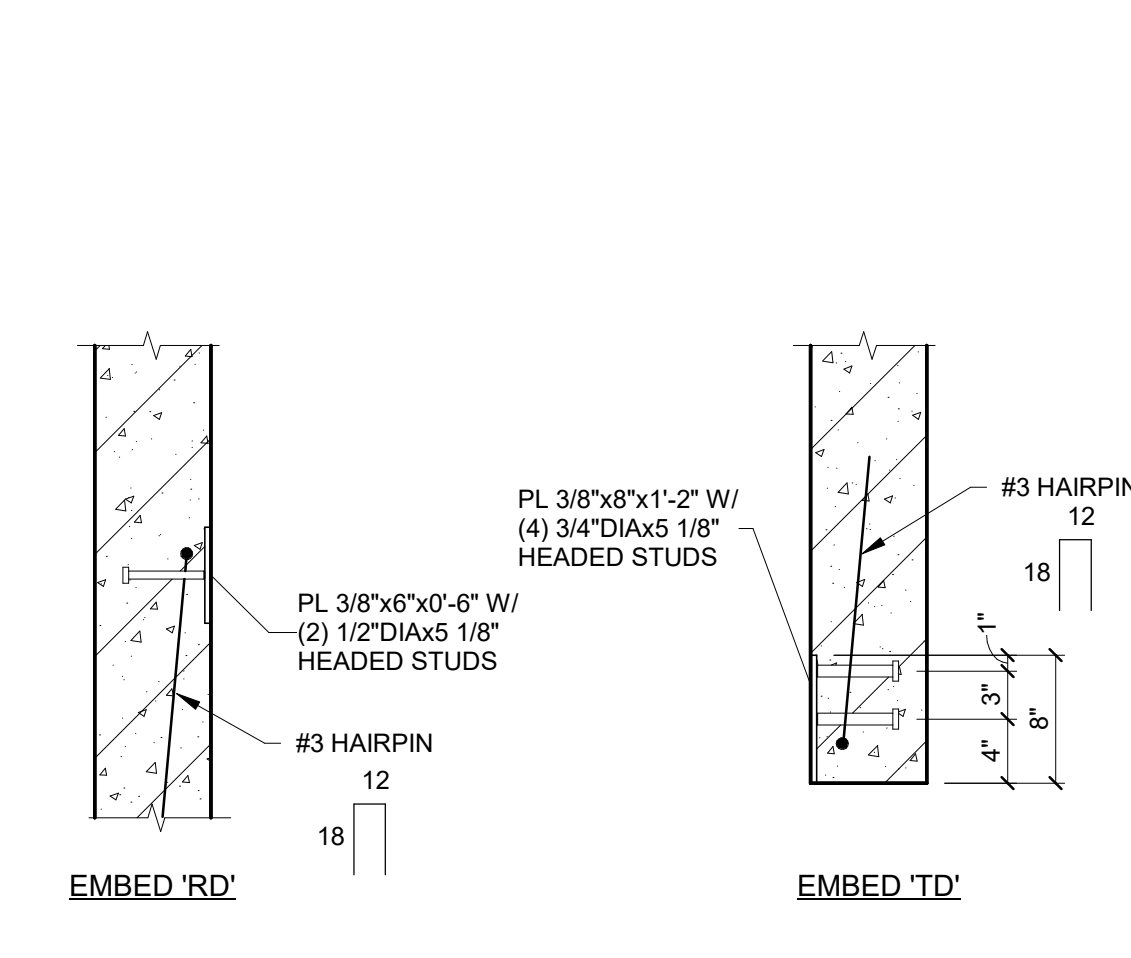
B1 TIE DOWN CONNECTION DETAIL
SCALE: 3/4" = 1'-0"



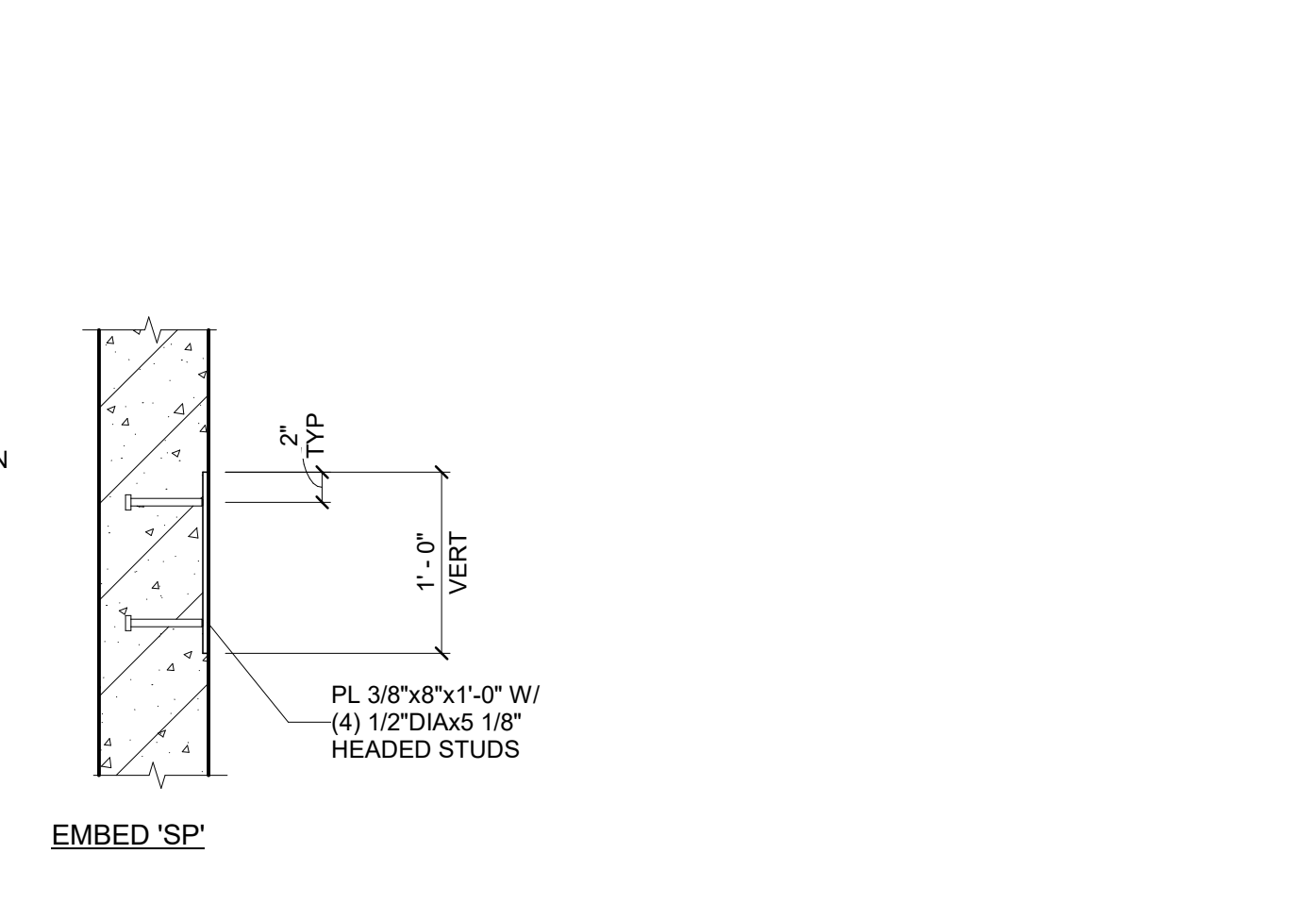
B2 CONNECT-EZ ANCHOR DETAIL
SCALE: 3/4" = 1'-0"



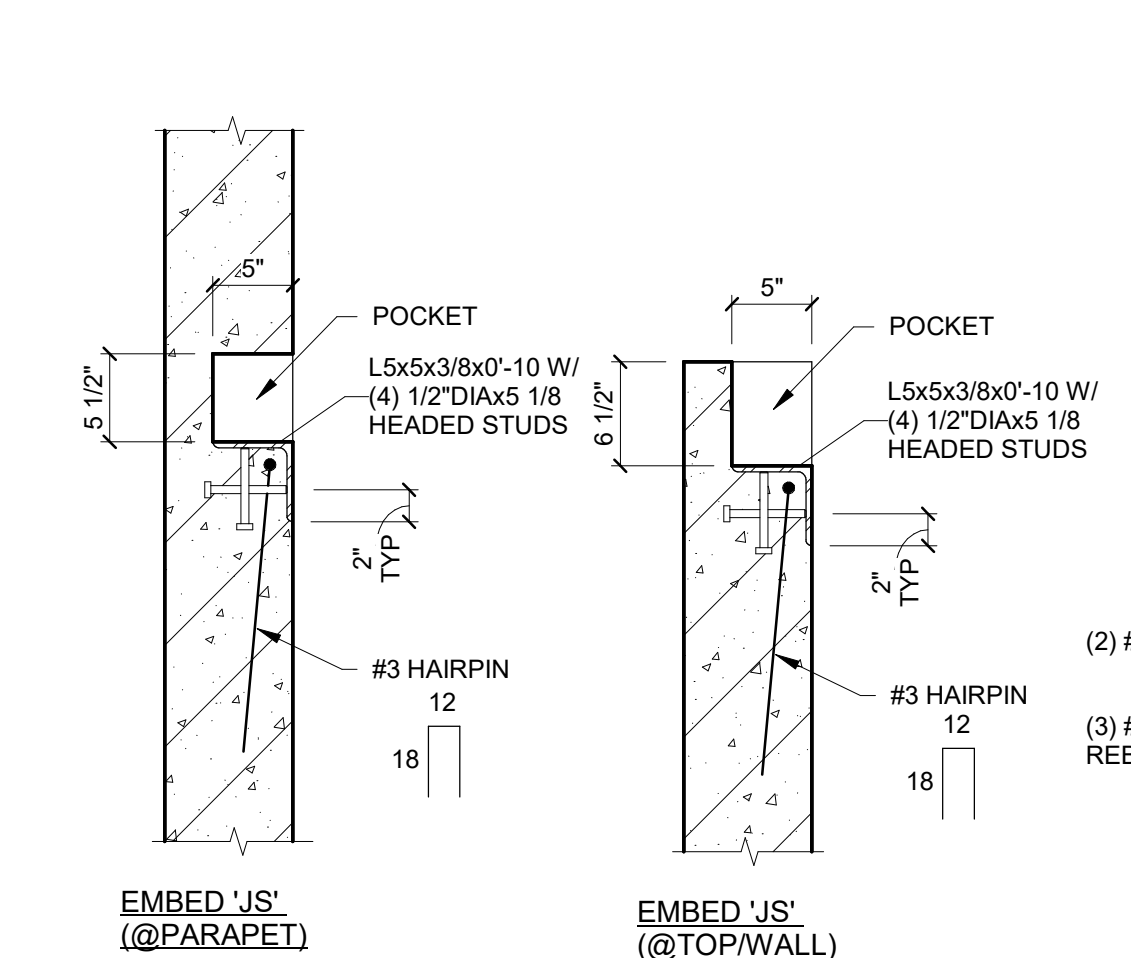
B3 SLANT ANCHOR DETAIL
SCALE: 3/4" = 1'-0"



B4 DETAIL
SCALE: 3/4" = 1'-0"



A1 TILT-UP EMBED ASSEMBLIES DETAIL
SCALE: 1" = 1'-0"



TILT-UP CONCRETE WALL PANEL NOTES

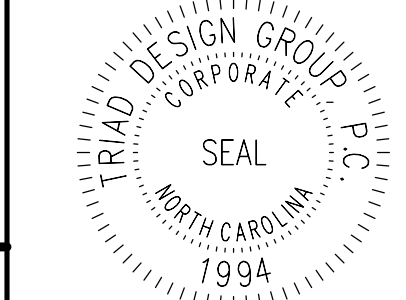
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING ALL WORK DURING CONSTRUCTION. PANEL BRACES AND STRONGBACKS SHALL NOT BE REMOVED UNTIL ALL RELEVANT CONSTRUCTION IS COMPLETE AND DOCUMENTED BY THE SPECIAL INSPECTIONS TESTING SERVICE. COMPLETED WORK SHALL INCLUDE:
 - A. STEEL ROOF (AND FLOOR) AND FRAMING
 - B. STEEL DECKING AND FASTENING
 - C. CONNECTIONS TO WALL PANELS
 - D. BUILDING LATERAL BRACING SYSTEM (WHERE APPLICABLE).
- CONCRETE FOR TILT-UP WALL PANELS SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF NO LESS THAN 4000 PSI. REQUIRED CONCRETE STRENGTH SHALL BE AS INDICATED ON SHEET S001 AND PANEL ELEVATION DRAWINGS.
- PANELS SHALL NOT HAVE ENTRAINED AIR.
- ALL STRUCTURAL STEEL SHALL BE ASTM A36.
- ALL WELDING SHALL BE DONE IN ACCORDANCE WITH TO AMERICAN WELDING SOCIETY (AWS) SPECIFICATIONS BY AWS CERTIFIED WELDERS.
- GROUT SHALL BE LOW SLUMP WITH A 28 DAY STRENGTH OF 4000 PSI. EXPOSED GROUT SHALL BE NON-STAINING.
- DETAILS WHICH ARE NOT SHOWN SHALL BE ACCORDING TO THE SPECIFICATION AND CODE OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION AND SPECIFICATIONS OF THE AMERICAN CONCRETE INSTITUTE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL EMBEDDED ITEMS AND DIMENSIONS OF MECHANICAL OPENINGS.
- ALL WALL PANELS ARE DRAWN AS VIEWED FROM INSIDE OF BUILDING.
- PANELS SHALL HAVE AN OVERALL THICKNESS AS INDICATED. REVEALS AS SHOWN ON ELEVATIONS SHALL BE 3/4" DEEP. SEE DETAIL D3/S601
- TYPICAL JOINT WIDTH BETWEEN PANELS SHALL BE 3/4" UNLESS OTHERWISE NOTED.
- SIZES OF OPENINGS AT PERSONNEL DOORS ASSUME DOOR FRAMES WILL BE CAST WITH PANELS. OPENING SIZES SHALL BE INCREASED BY 3/8" AT JAMBS AND HEAD FOR POST INSTALLED DOOR FRAMES



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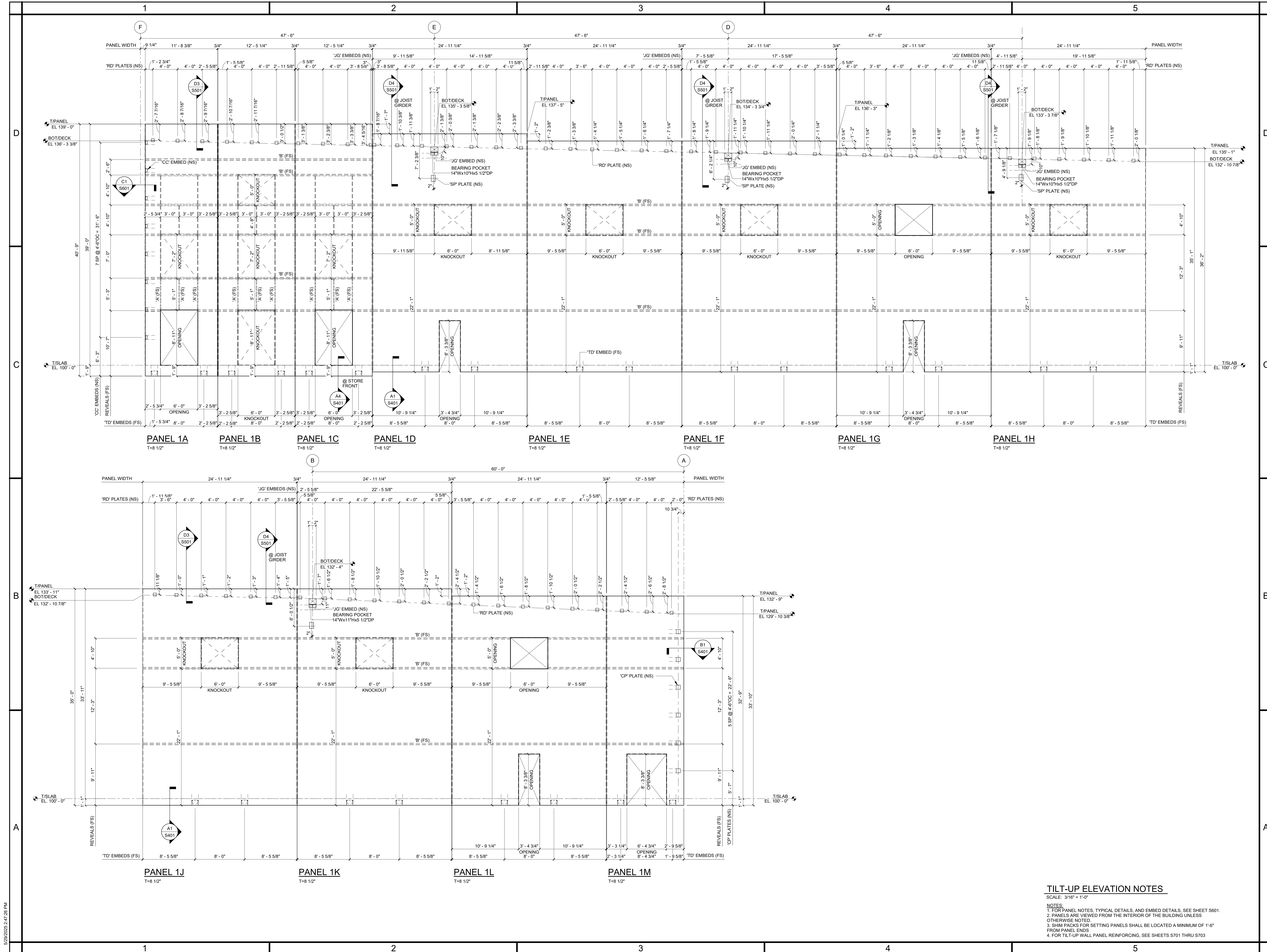
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TILT-UP WALL
PANEL DETAILS

DATE: 2025-05-02
DRAWN: WEW **CHECK:** SCB
JOB NUMBER: 25-009

SHEET:

S601

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TILT-UP ELEVATION NOTES

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

NOTES:

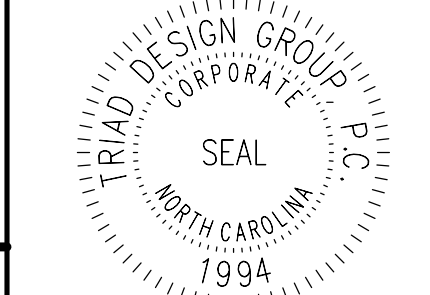
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2. PANELS ARE VIEWED FROM THE INTERIOR OF THE BUILDING UNLESS OTHERWISE NOTED.
3. SHIM PACKS FOR SETTING PANELS SHALL BE LOCATED A MINIMUM OF 1'-6" FROM PANEL ENDS
4. FOR TILT-UP WALL PANEL REINFORCING, SEE SHEETS S701 THRU S703



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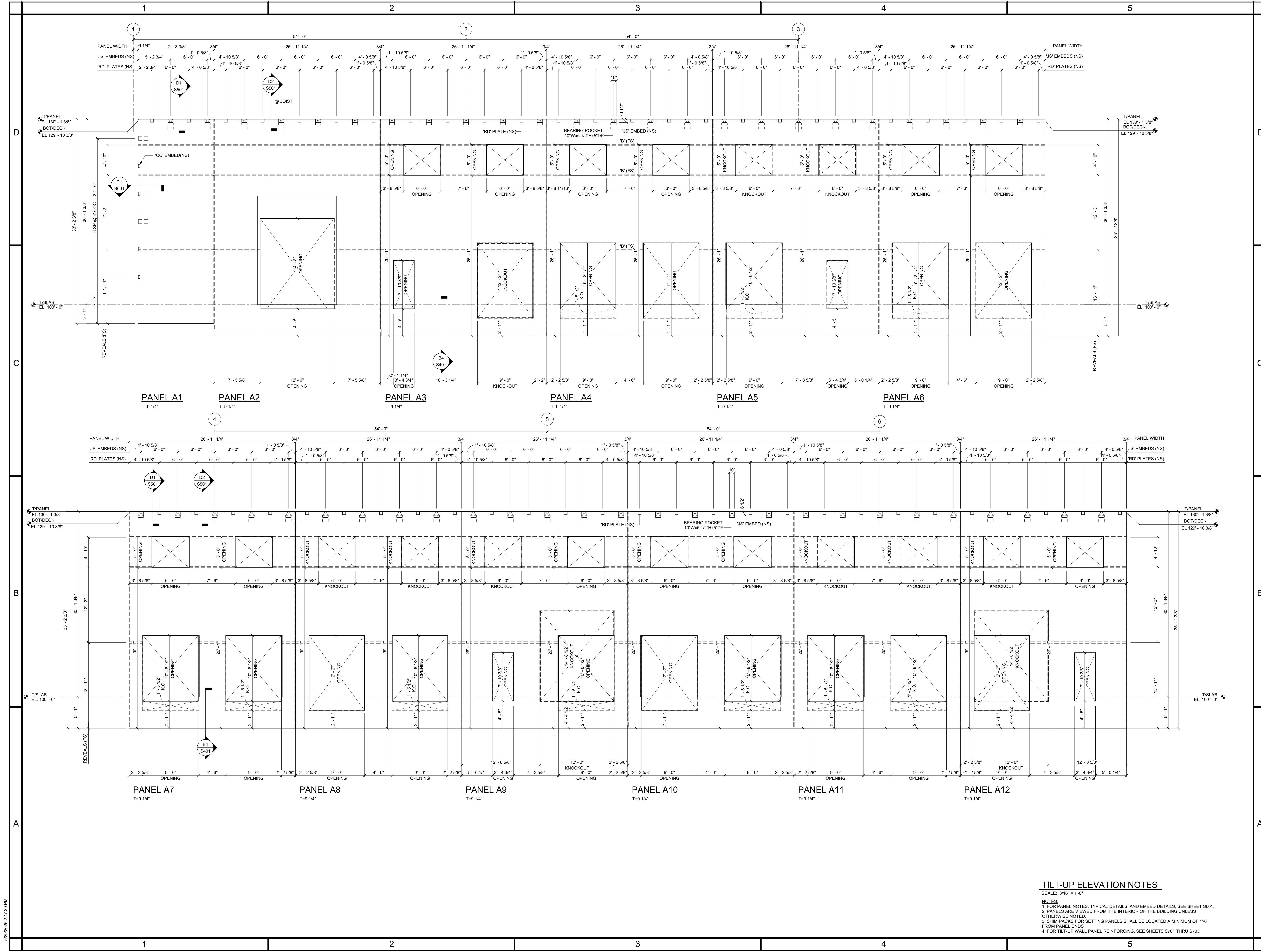
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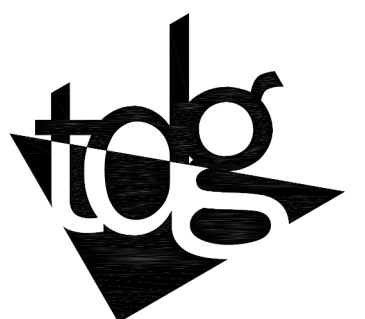
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TILT-UP WALL
PANEL ELEVATIONS

DATE: 2025-05-02
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JOB NUMBER: 25-009
SHEET:

S602

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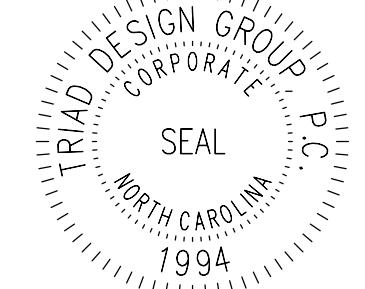




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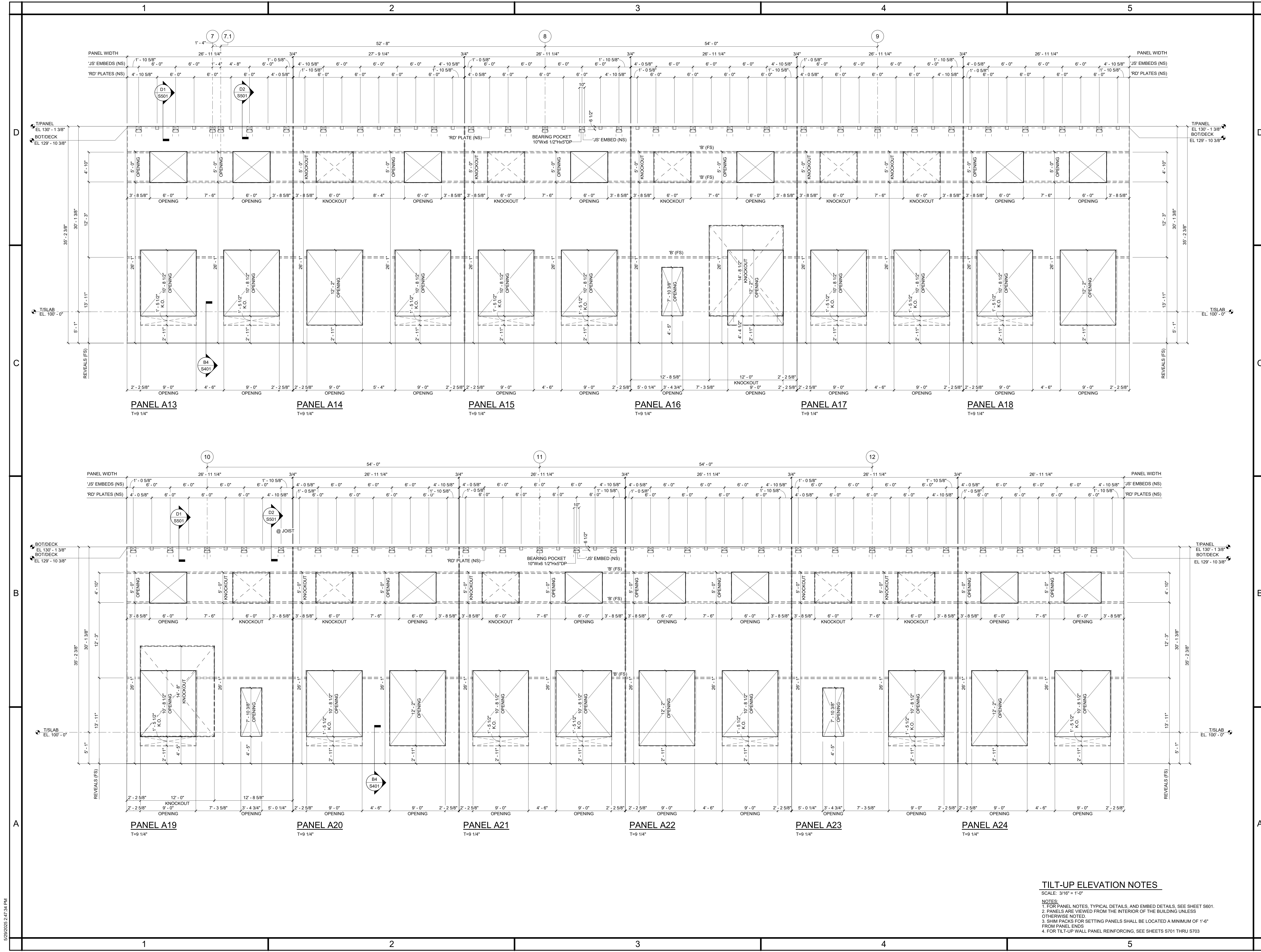
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TILT-UP WALL
PANEL ELEVATIONS

DATE: 2025-05-02
DRAWN: WEW **CHECK:** SCB
JOB NUMBER: 25-009
SHEET:

S603

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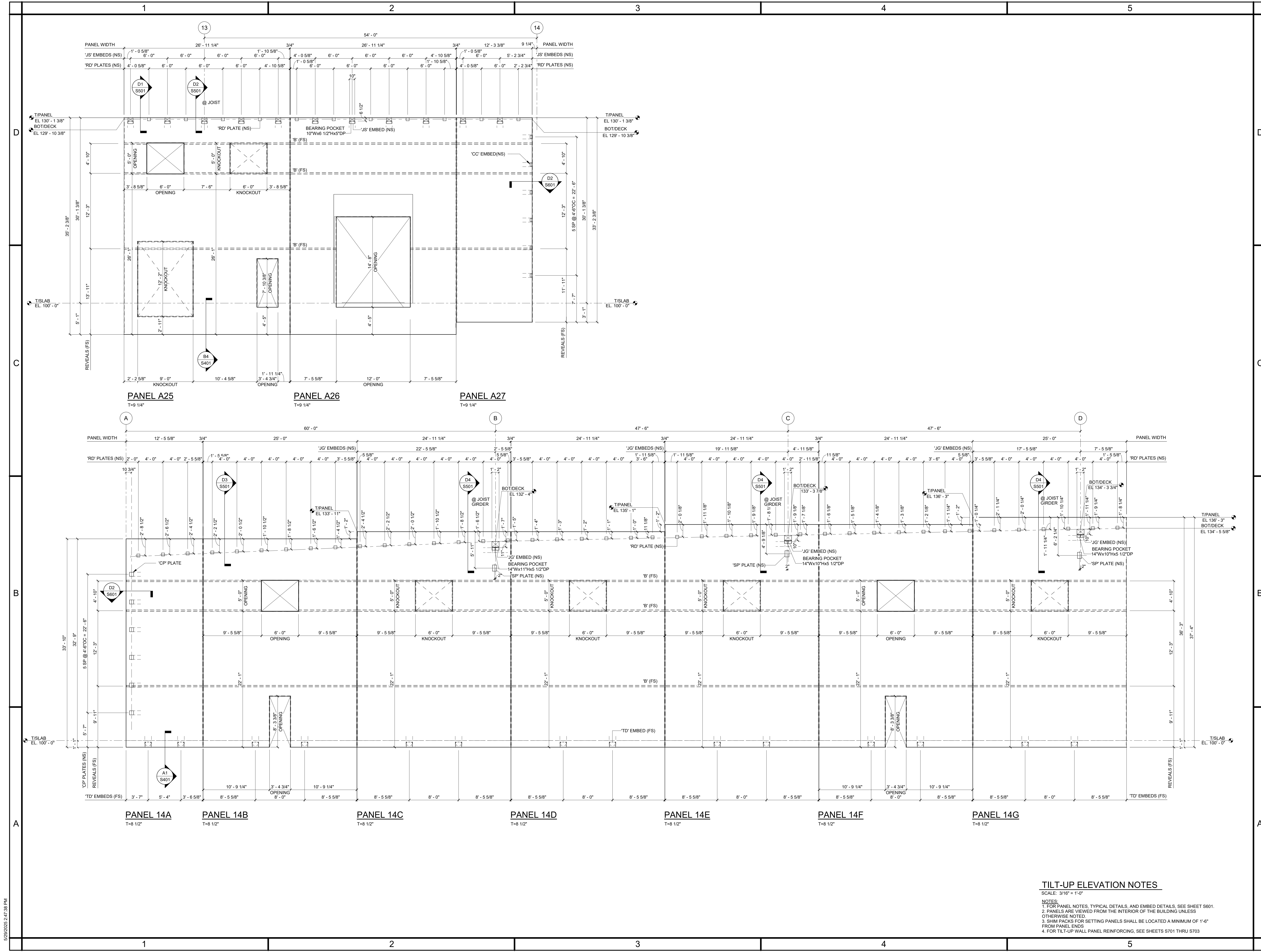
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2025-05-02	PROGRESS SET

REVISIONS:		
NO	DATE	DESCRIPTION

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TILT-UP WALL
PANEL ELEVATIONS

DATE:	2025-05-02
DRAWN:	WEW
CHECK:	SCB
JOB NUMBER:	25-009
SHEET:	S604

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DATE	DESCRIPTION
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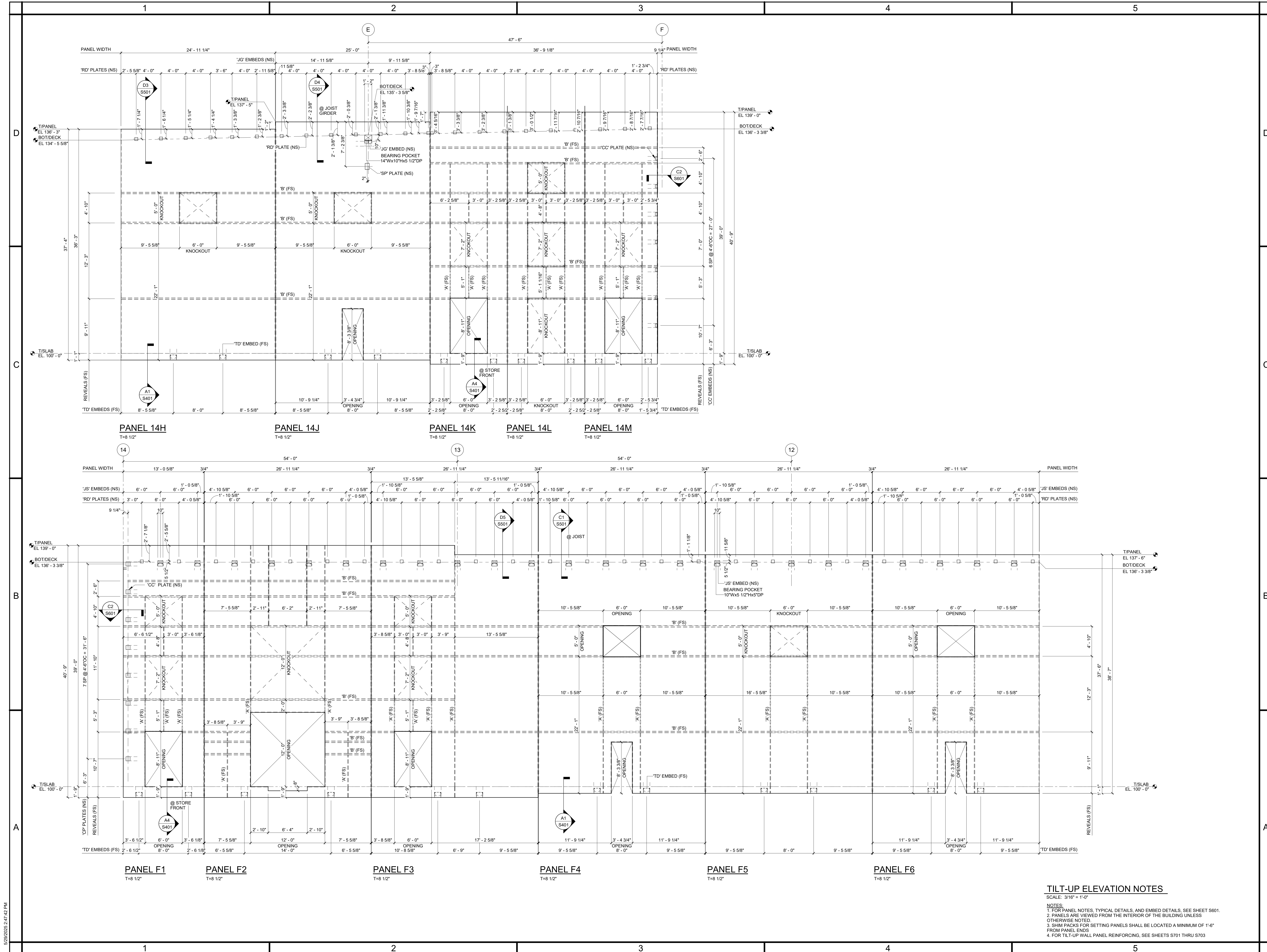
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SHEET TITLE:
TILT-UP WALL
PANEL ELEVATIONS

DATE: 2025-05-02
DRAWN: WEW **CHECK:** SCB
JOB NUMBER: 25-009
SHEET:

S605

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TILT-UP ELEVATION NOTES

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

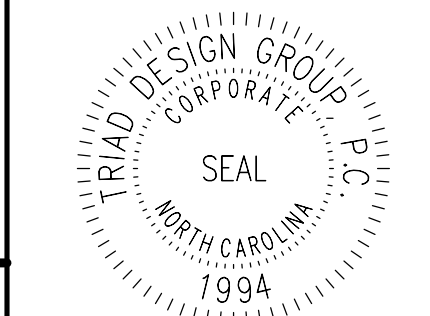
- NOTES:
- FOR PANEL NOTES, TYPICAL DETAILS, AND EMBED DETAILS, SEE SHEET S601.
 - PANELS ARE VIEWED FROM THE INTERIOR OF THE BUILDING UNLESS OTHERWISE NOTED.
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 - FOR TILT-UP WALL PANEL REINFORCING, SEE SHEETS S701 THRU S703



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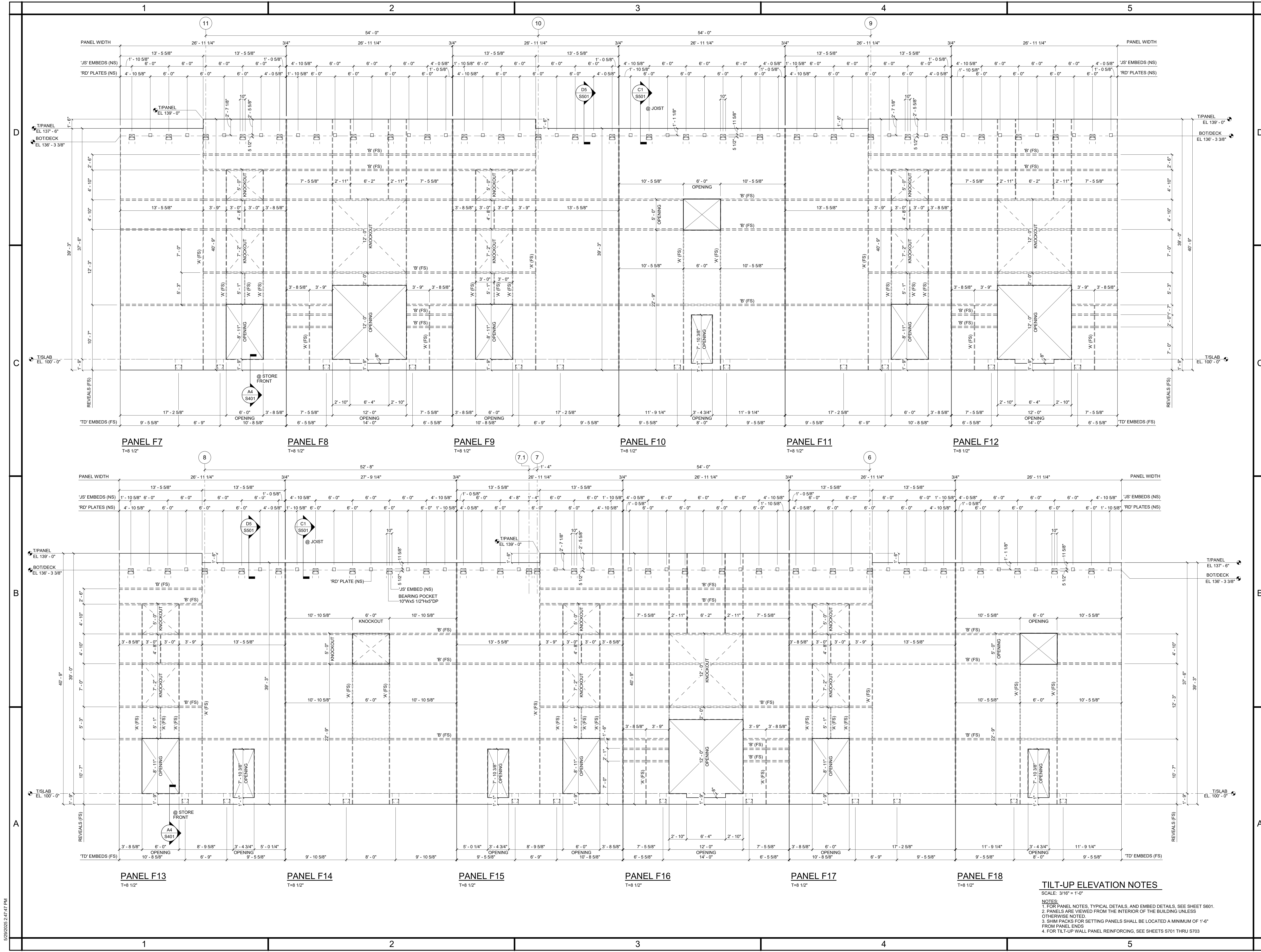
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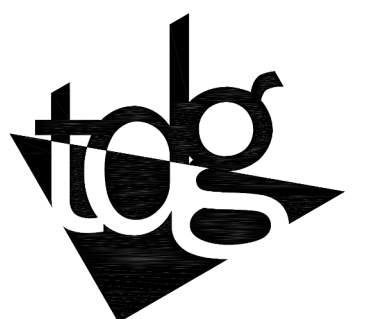
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TILT-UP WALL
PANEL ELEVATIONS

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S606

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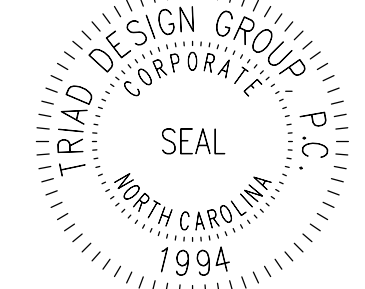




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1994



Harnett 95 Industrial Center
SPEC BUILDING 1
US 301 S.
Dunn, North Carolina

SUBMITTALS:

DATE	DESCRIPTION
2025-05-02	PROGRESS SET

REVISIONS:

NO	DATE	DESCRIPTION
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SHEET TITLE:

**TILT-UP WALL
PANEL ELEVATIONS**

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

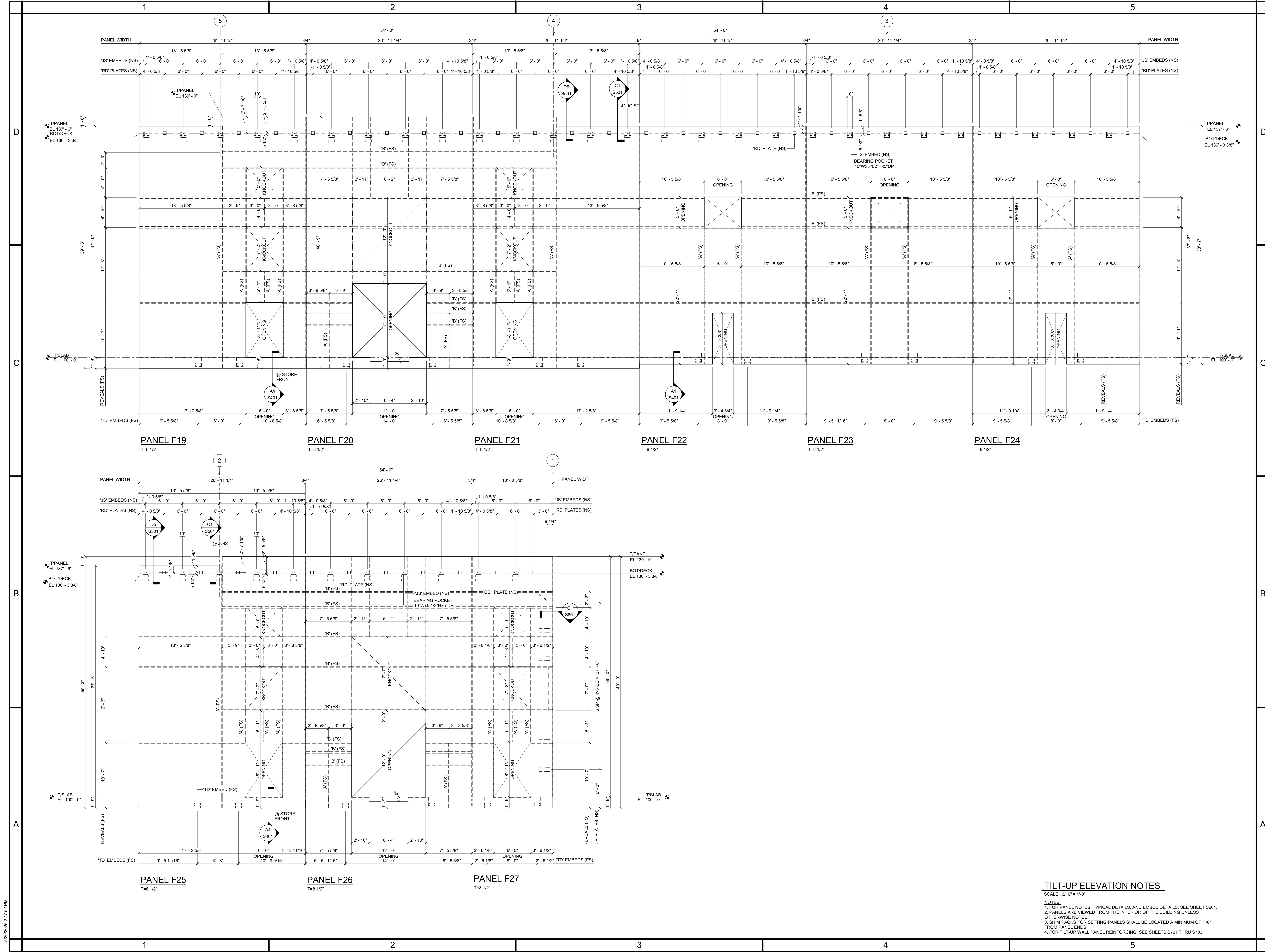
NOTES:

- FOR PANEL NOTES, TYPICAL DETAILS, AND EMBED DETAILS, SEE SHEET S601.
- PANELS ARE VIEWED FROM THE INTERIOR OF THE BUILDING UNLESS OTHERWISE NOTED.
- SHIM PACKS FOR SETTING PANELS SHALL BE LOCATED A MINIMUM OF 1'-6" FROM PANEL ENDS
- FOR TILT-UP WALL PANEL REINFORCING, SEE SHEETS S701 THRU S703

DATE: 2025-05-02
DRAWN: WEW | **CHECK:** SCB
JOB NUMBER: 25-009
SHEET:

S607

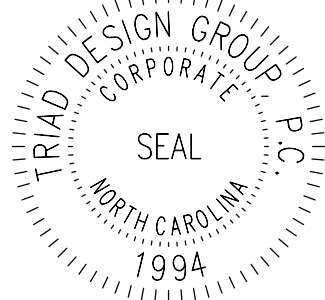
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SPEC BUILDING 1
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Dunn, North Carolina

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DESCRIPTION	

SHEET TITLE:
TILT-UP WALL
PANEL ELEVATIONS

DATE: 2025-05-02
DRAWN: WEW **CHECK:** SCB
JOB NUMBER: 25-009
SHEET:

S608

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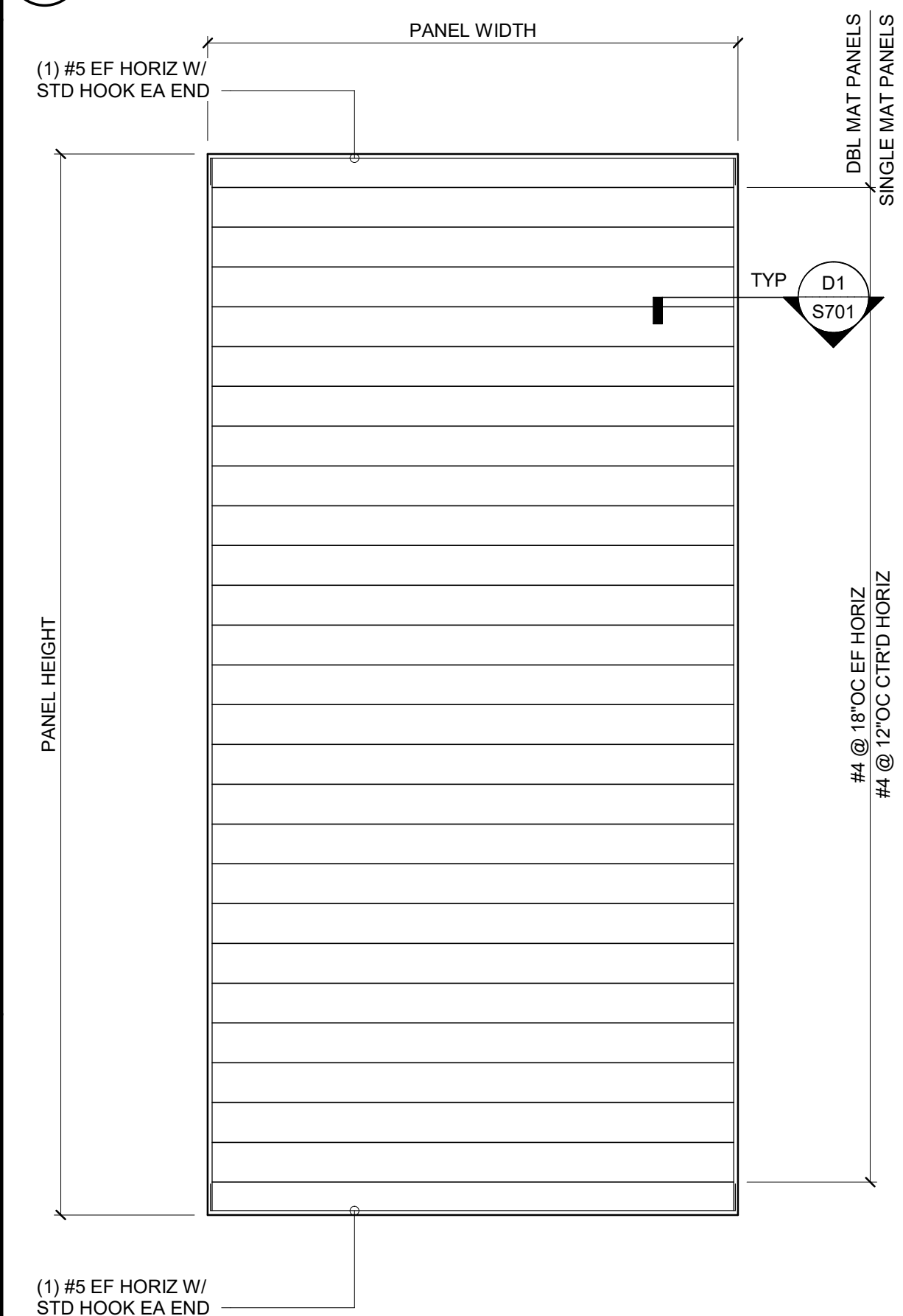
D

C

B

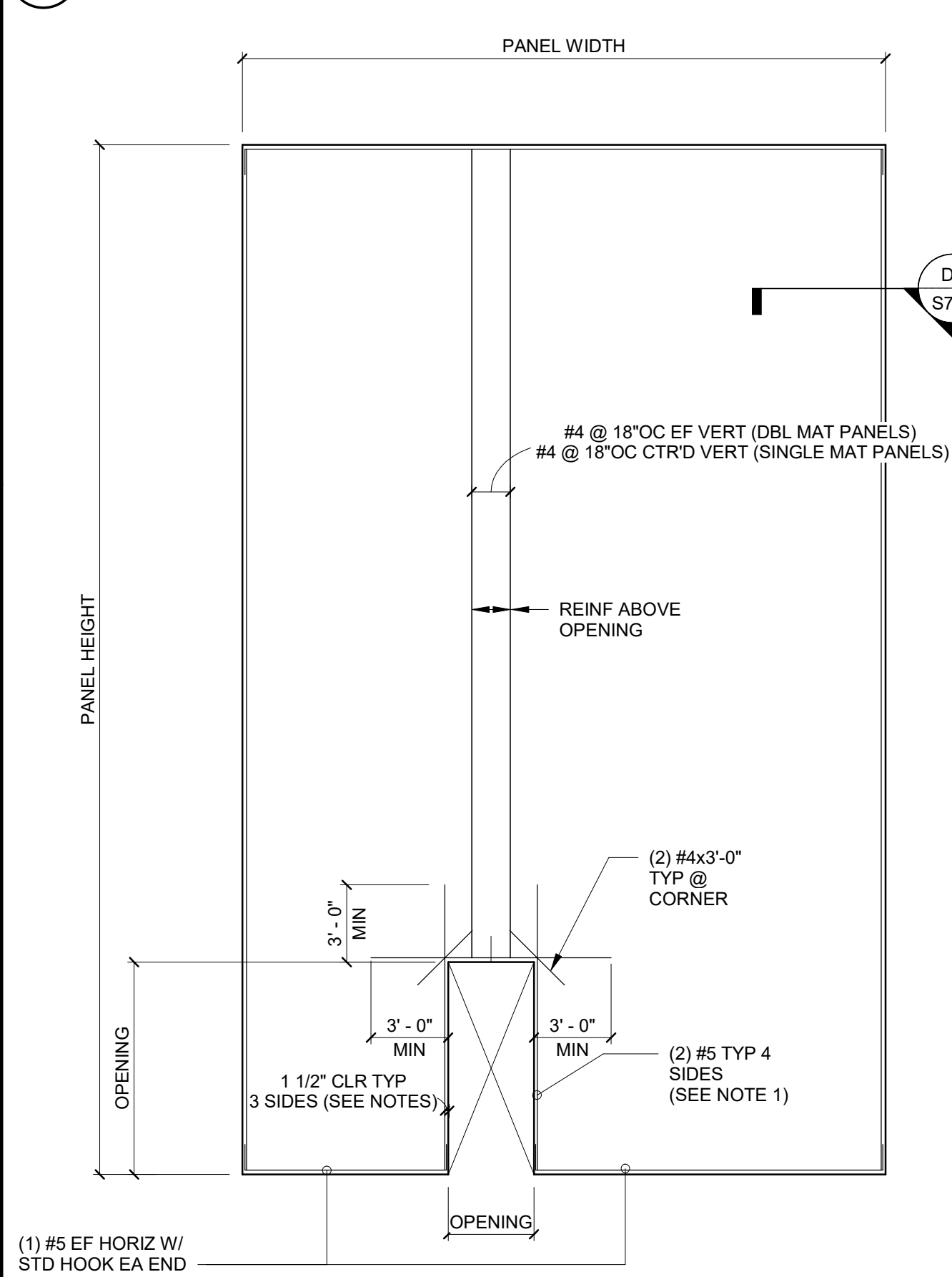
A

D1
PANEL JOINT
DETAIL
SCALE: 3/4" = 1'-0"



PANEL WIDTH LESS THAN 20'-0"

B1
TILT UP PANEL ELEVATION
HORIZONTAL REINFORCING
DETAIL
SCALE: 3/16" = 1'-0"

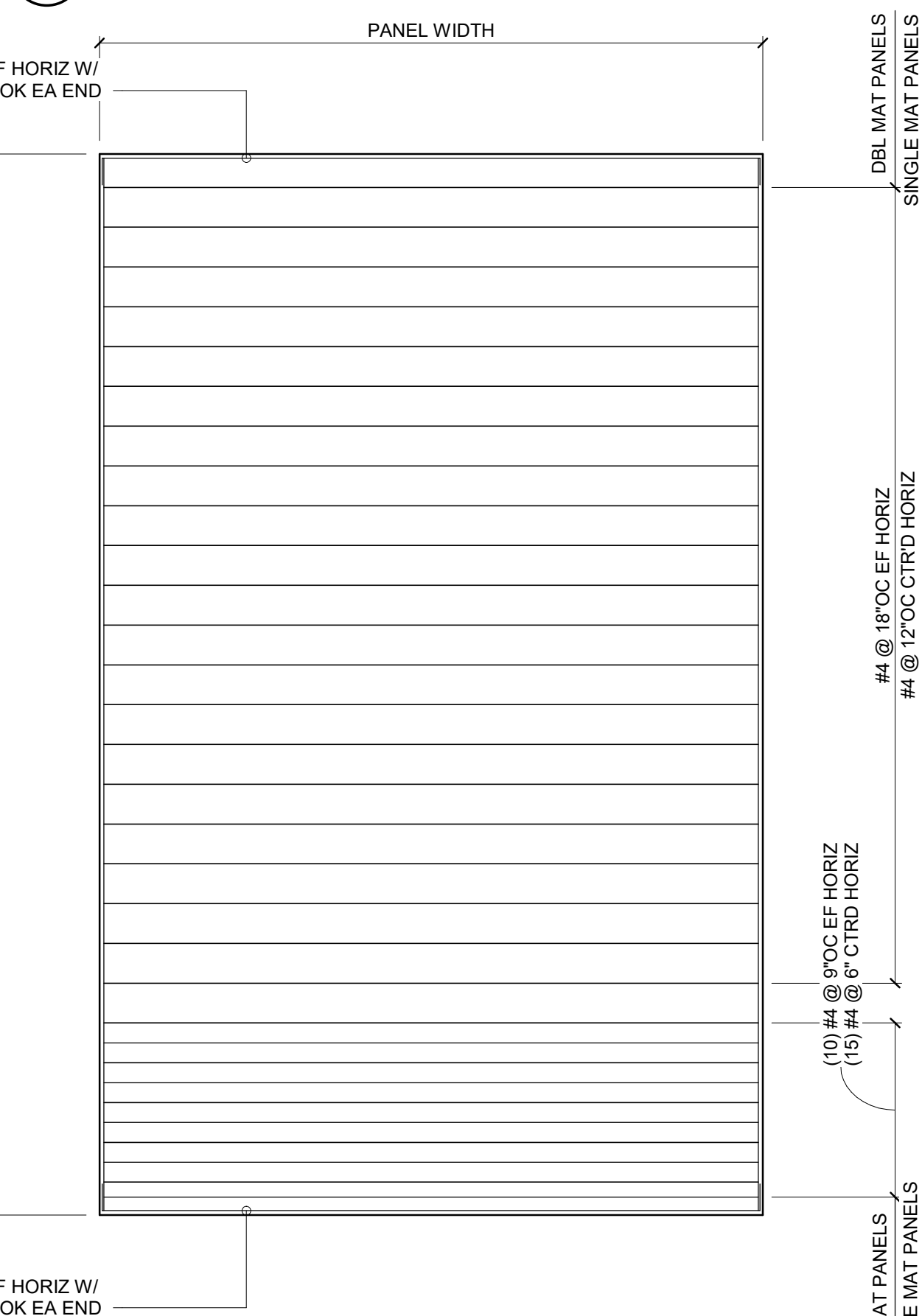


@ DOOR OPENING

A1
TILT UP PANEL ELEVATION
VERTICAL REINFORCING
DETAIL
SCALE: 3/16" = 1'-0"

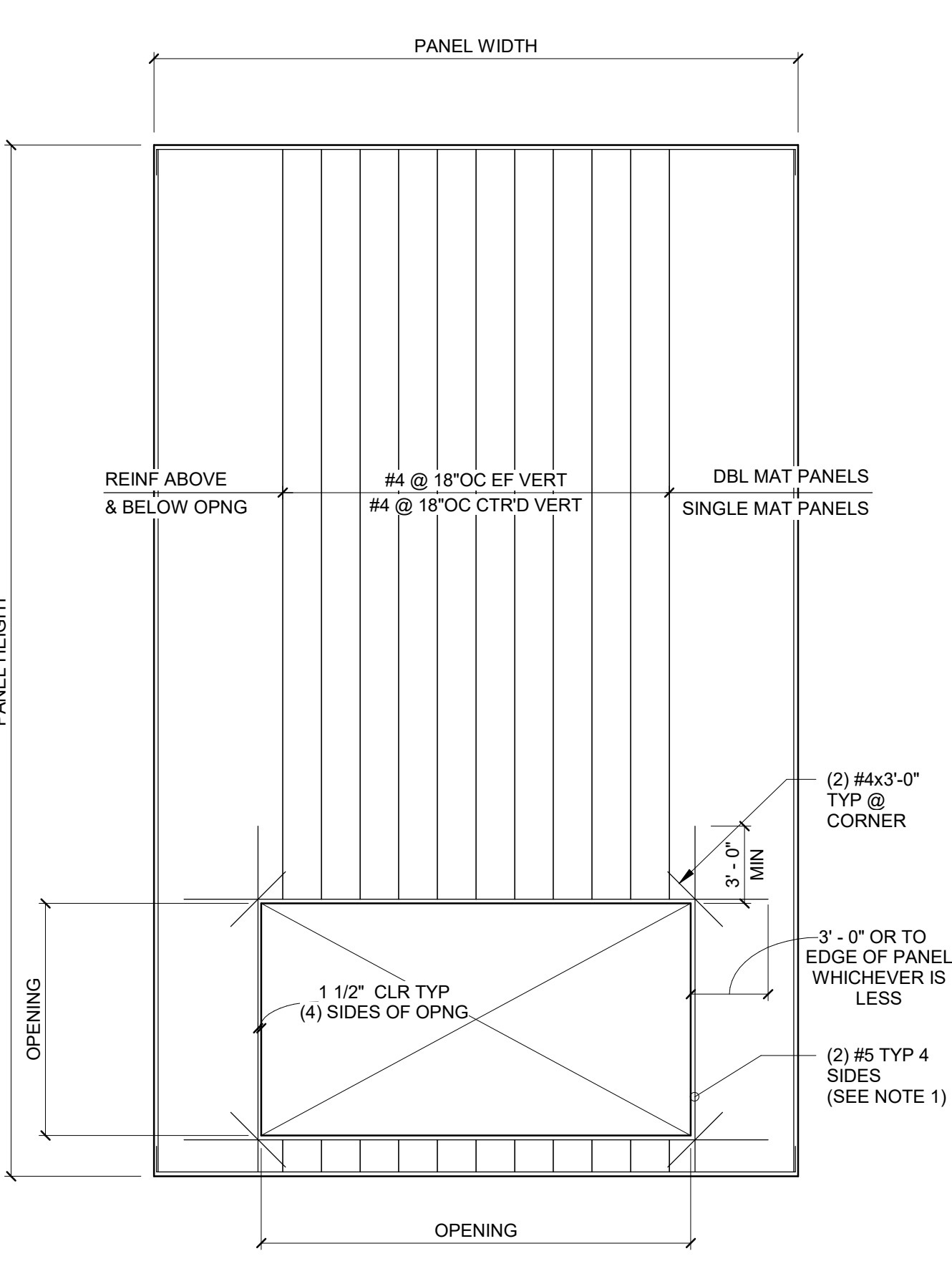
- NOTES
- ADDITIONAL VERTICAL TRIM BARS ARE NOT REQUIRED IF OPENING IS ADJACENT TO FULL HEIGHT VERTICAL REINFORCEMENT (#5 MINIMUM)

D2
REINFORCING AT OPENING
DETAIL
SCALE: 3/4" = 1'-0"



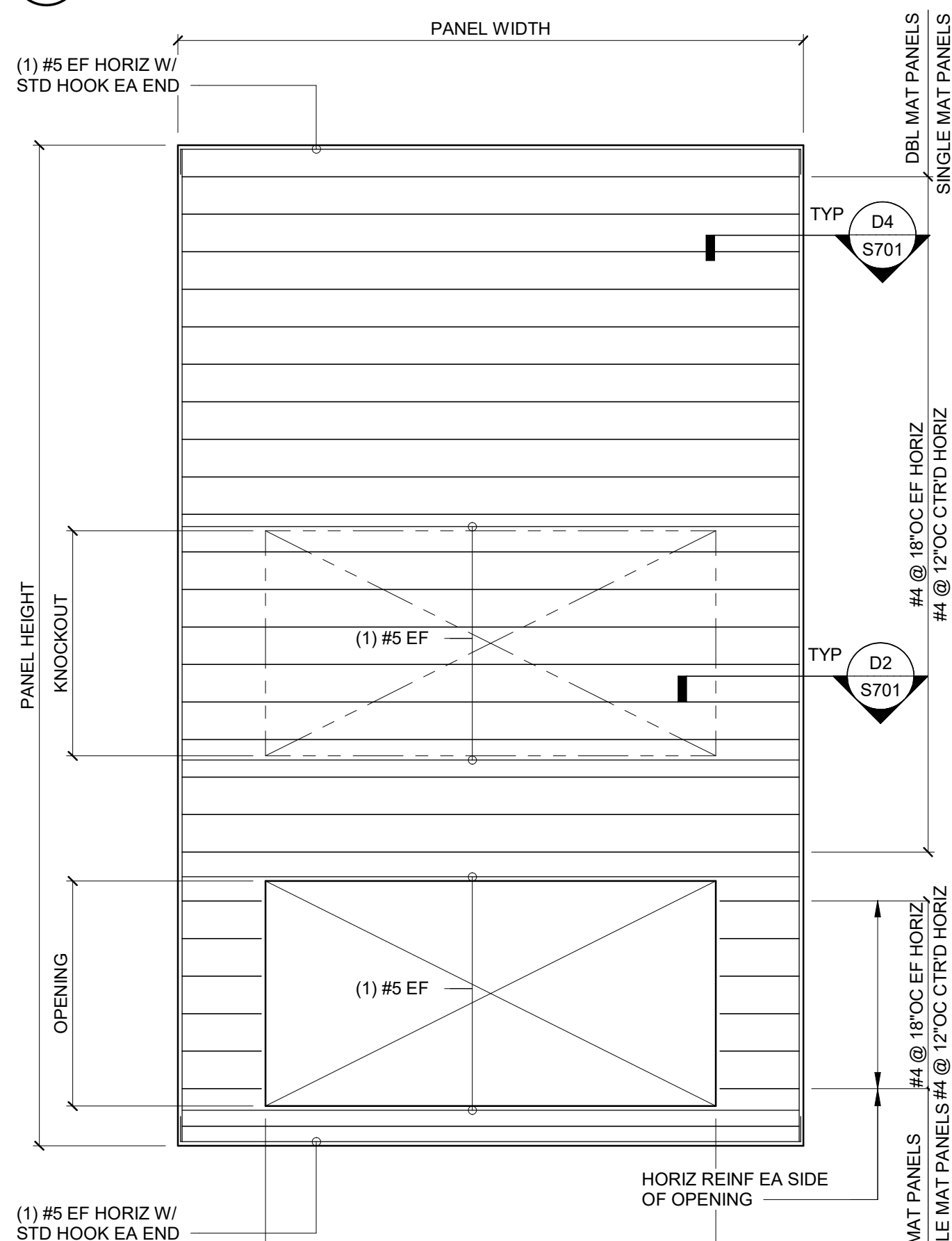
PANEL WIDTH MORE THAN 20'-0"

B2
TILT UP PANEL ELEVATION
HORIZONTAL REINFORCING
DETAIL
SCALE: 3/16" = 1'-0"



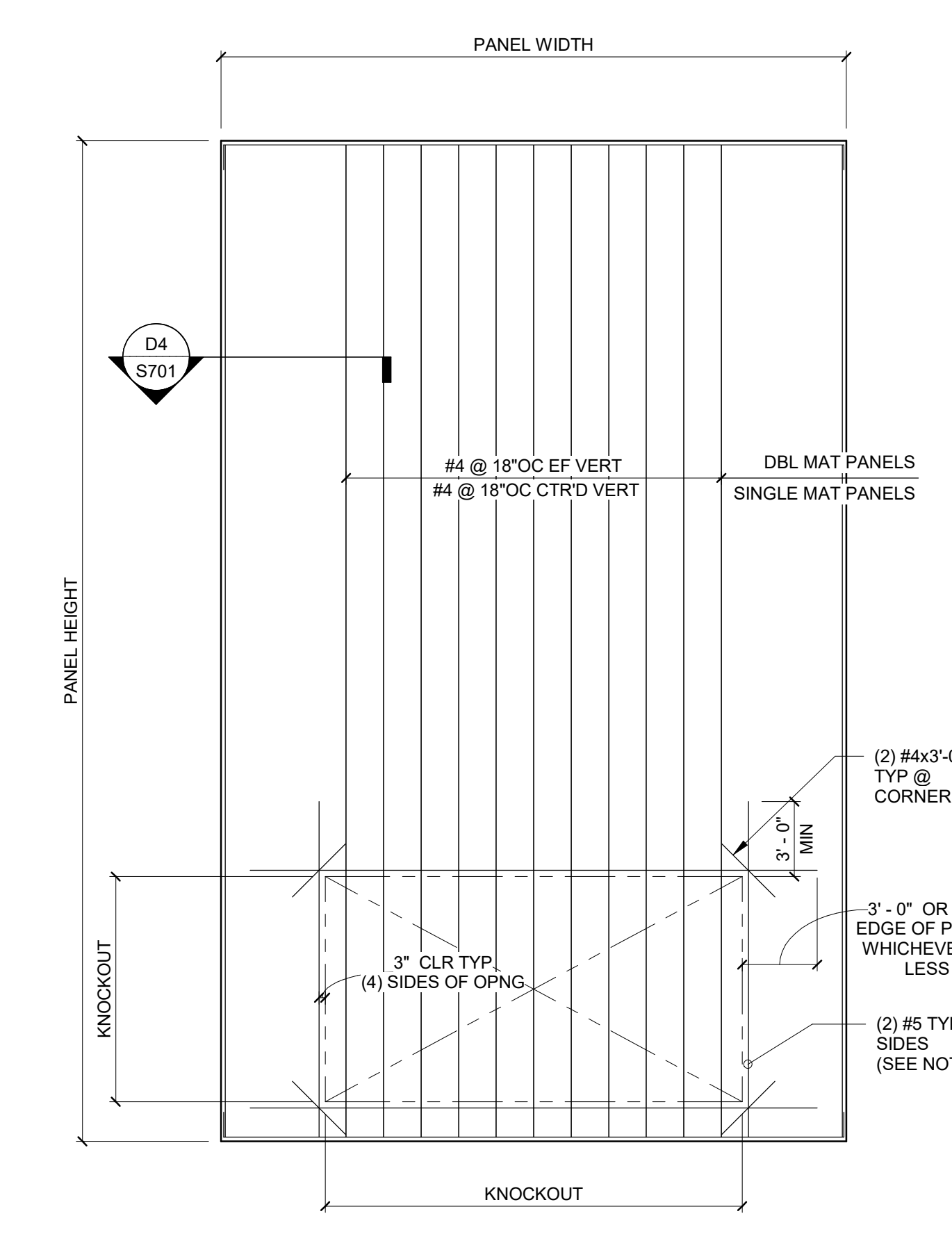
@ WINDOW / LOUVER OPENING

D3
REINFORCING AT GIRDER
DETAIL
SCALE: 3/4" = 1'-0"



PANEL WIDTH LESS THAN 20'-0"

B3
TILT UP PANEL ELEVATION
HORIZONTAL REINFORCING
DETAIL
SCALE: 3/16" = 1'-0"



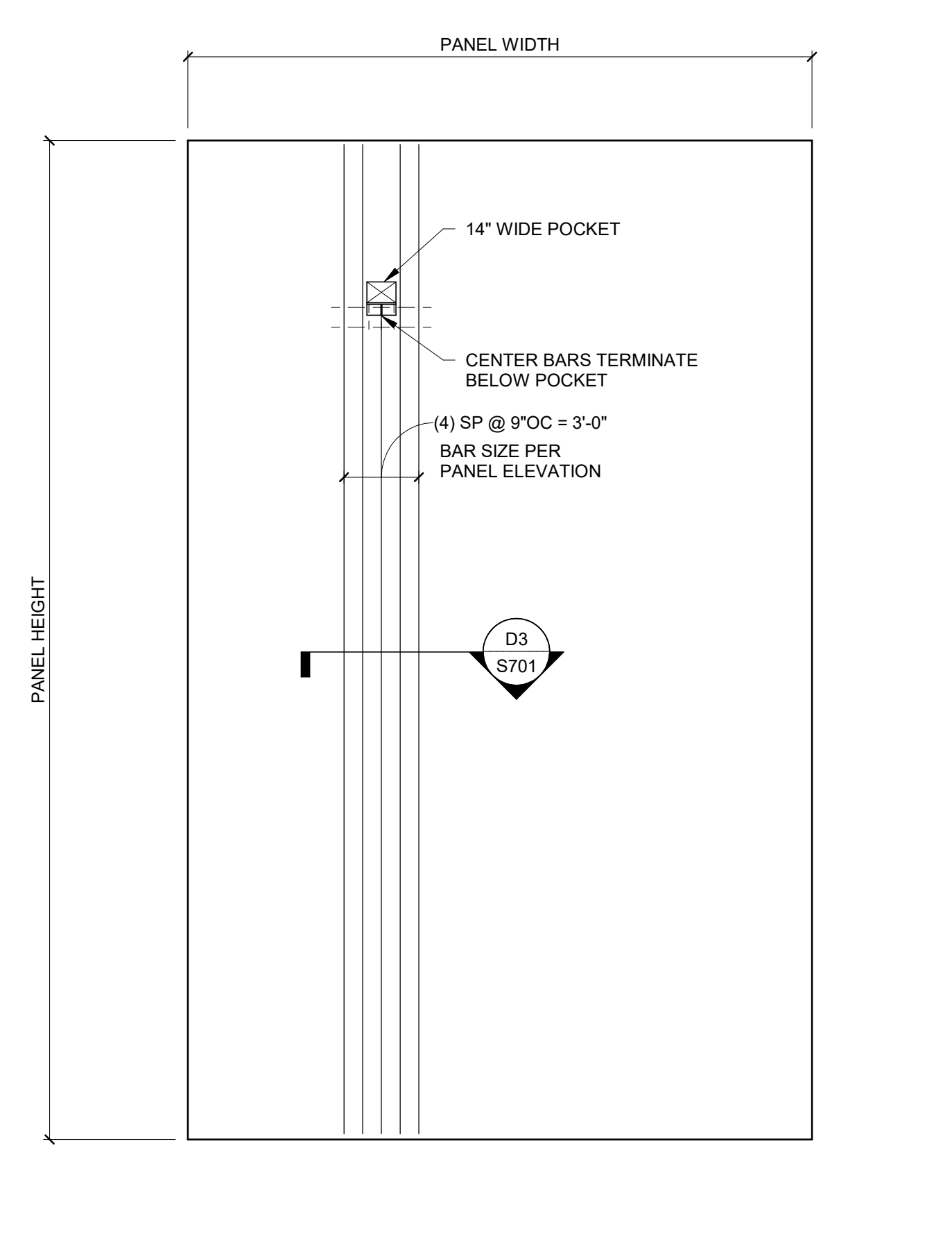
@ KNOCKOUT

D4
REINFORCING ABOVE OPENING
DETAIL
SCALE: 3/4" = 1'-0"



PANEL WIDTH MORE THAN 20'-0"

B4
TILT UP PANEL ELEVATION
HORIZONTAL REINFORCING
DETAIL
SCALE: 3/16" = 1'-0"



@ JOIST GIRDER

TILT-UP CONCRETE WALL PANEL REINF. NOTES

- ALL WALL PANELS ARE DRAWN AS VIEWED FROM INSIDE OF BUILDING.
- ALL BAR REINFORCEMENT STEEL SHALL BE ASTM A615 GRADE 60 EXCEPT GRADE 40 MAY BE USED FOR TIES AND STIRRUPS. GRADE 80 REINFORCING STEEL SHALL NOT BE USED.
- ALL REINFORCEMENT WHICH IS TO BE WELDED SHALL BE OF WELD-ABLE QUALITY AND CERTIFIED TO BE WELD-ABLE BY THE REINFORCEMENT SUPPLIER.
- REINFORCING IS DESIGNED FOR IN PLACE LOADING. CONTRACTOR SHALL PROVIDE ERECTION HARDWARE AND ADDITIONAL REINFORCING IF REQUIRED TO RESIST FORCES IMPARTED ON PANELS DURING LIFTING.
- VERTICAL & HORIZONTAL REINFORCING BARS SHALL BE SPACED EQUALLY ACROSS THE INDICATED HEIGHT/WIDTH, BUT NOT EXCEEDING MAXIMUM PERMITTED SPACING 18".
- WALL PANEL REINFORCING BARS SHALL NOT BE SPICED UNLESS SPECIFICALLY DIRECTED TO DO SO BY THE ENGINEER OF RECORD.
- ALL REINFORCING BARS SHALL BE SUPPORTED USING STANDARD BAR CHAIRS WITH PLASTIC LEGS. MAINTAIN CLEARANCE DIMENSIONS SHOWN THROUGHOUT.
- SEE TILT-UP WALL PANEL ELEVATIONS FOR HAIRPIN AND DOWEL LOCATIONS.
- REBAR DESIGN DRAWING DIMENSIONS ARE ROUNDED TO THE NEAREST INCH. REFER TO TILT-UP PANEL ELEVATIONS FOR EXACT DIMENSIONS.
- FOR TYPICAL WALL PANEL HORIZONTAL REINFORCING, SEE DETAIL B1/S701.
- FOR TYPICAL WALL PANEL VERTICAL REINFORCING, SEE DETAIL A1/S701.
- FOR TYPICAL WALL PANEL REINFORCING BAR PLACEMENT, SEE DETAILS D1/S701 THRU D4/S701

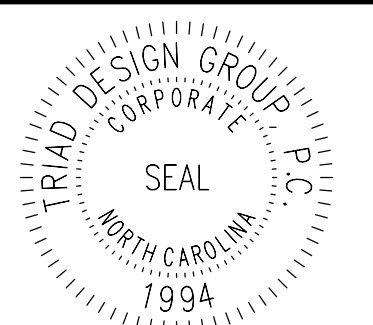


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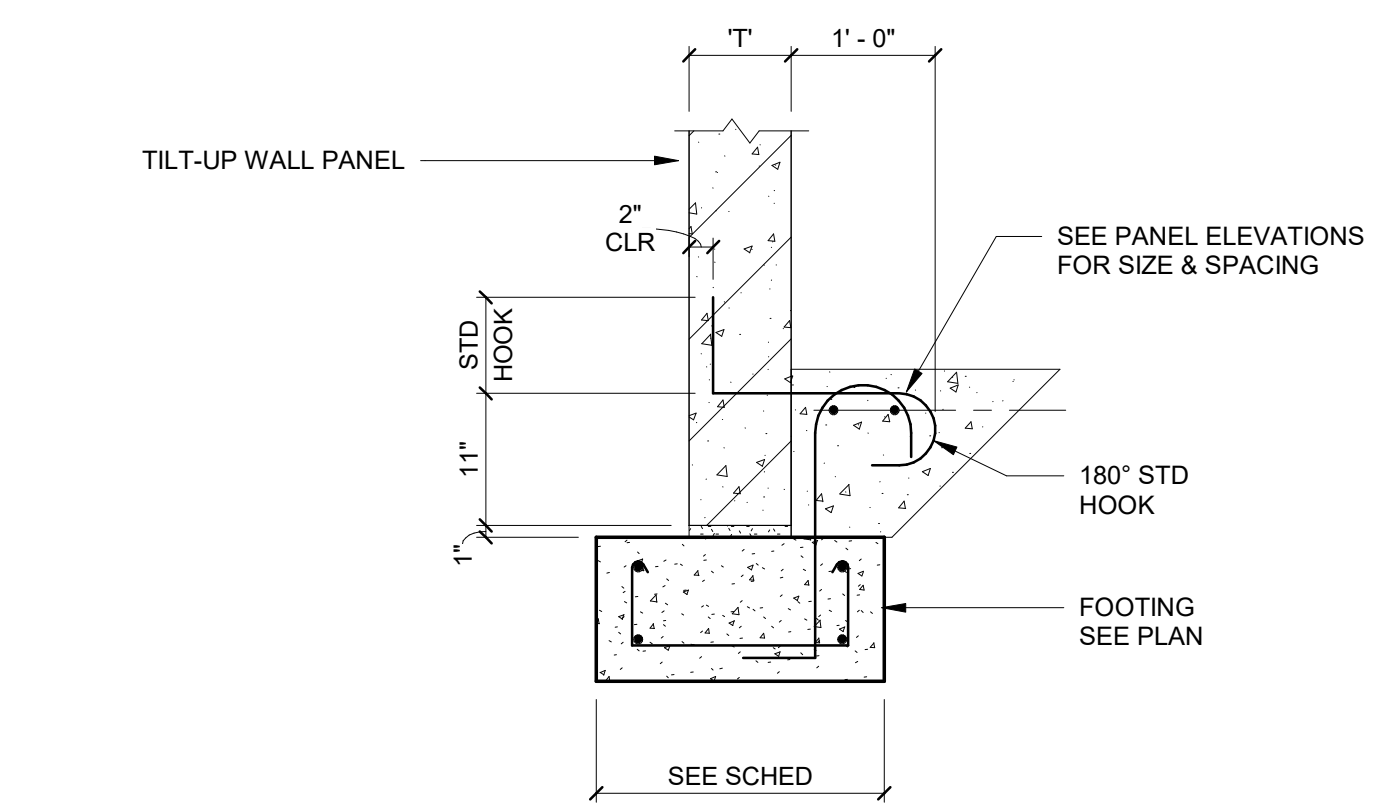
REVISIONS:
NO DATE DESCRIPTION

SHEET TITLE:
TILT-UP WALL
PANEL
REINFORCING
DETAILS

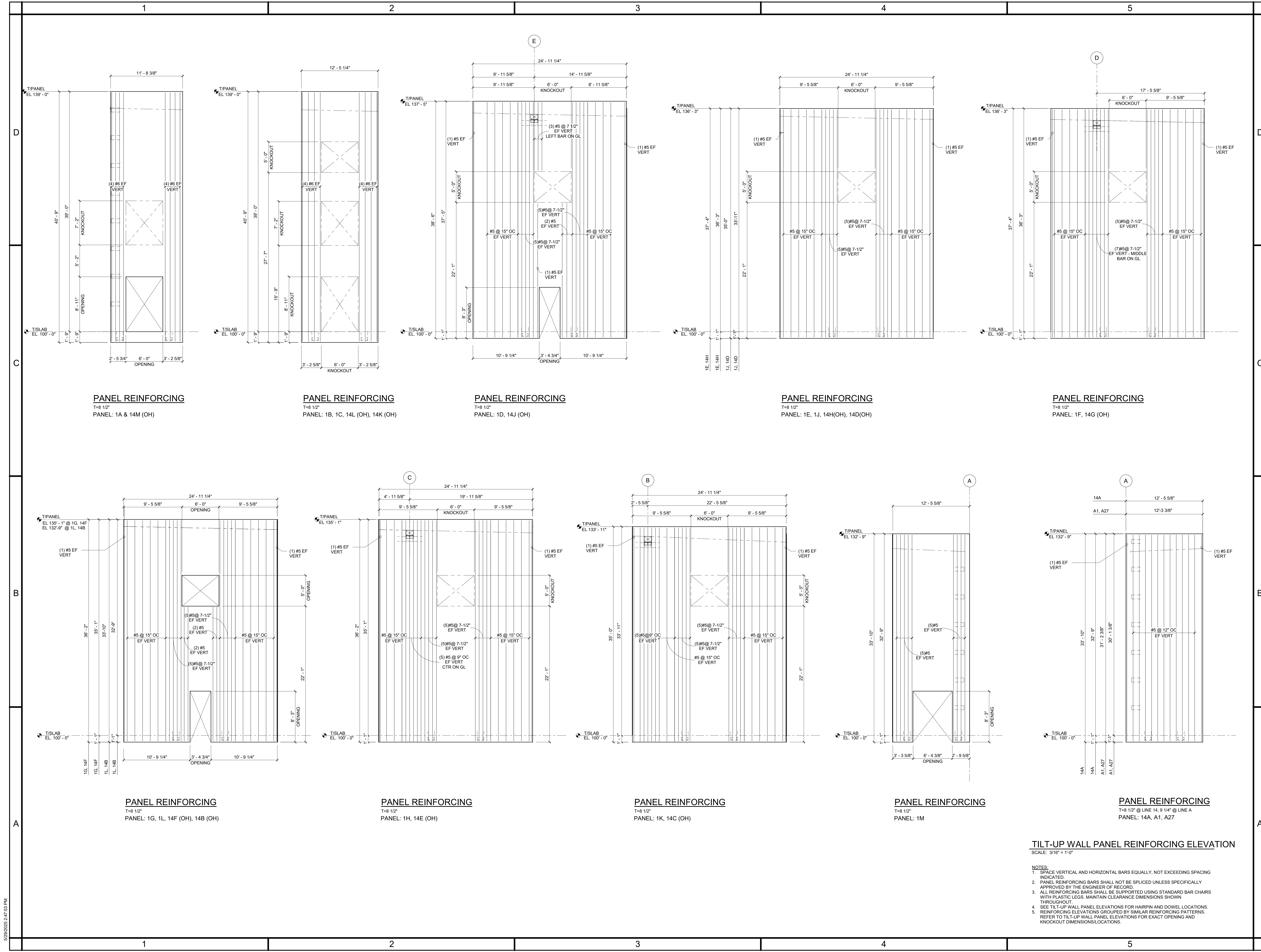
DATE: 2025-05-02
DRAWN: WEW **CHECK:** SCB
JOB NUMBER: 25-009
SHEET:

S701

A5
PANEL BASE DOWELS
SECTION
SCALE: 3/4" = 1'-0"



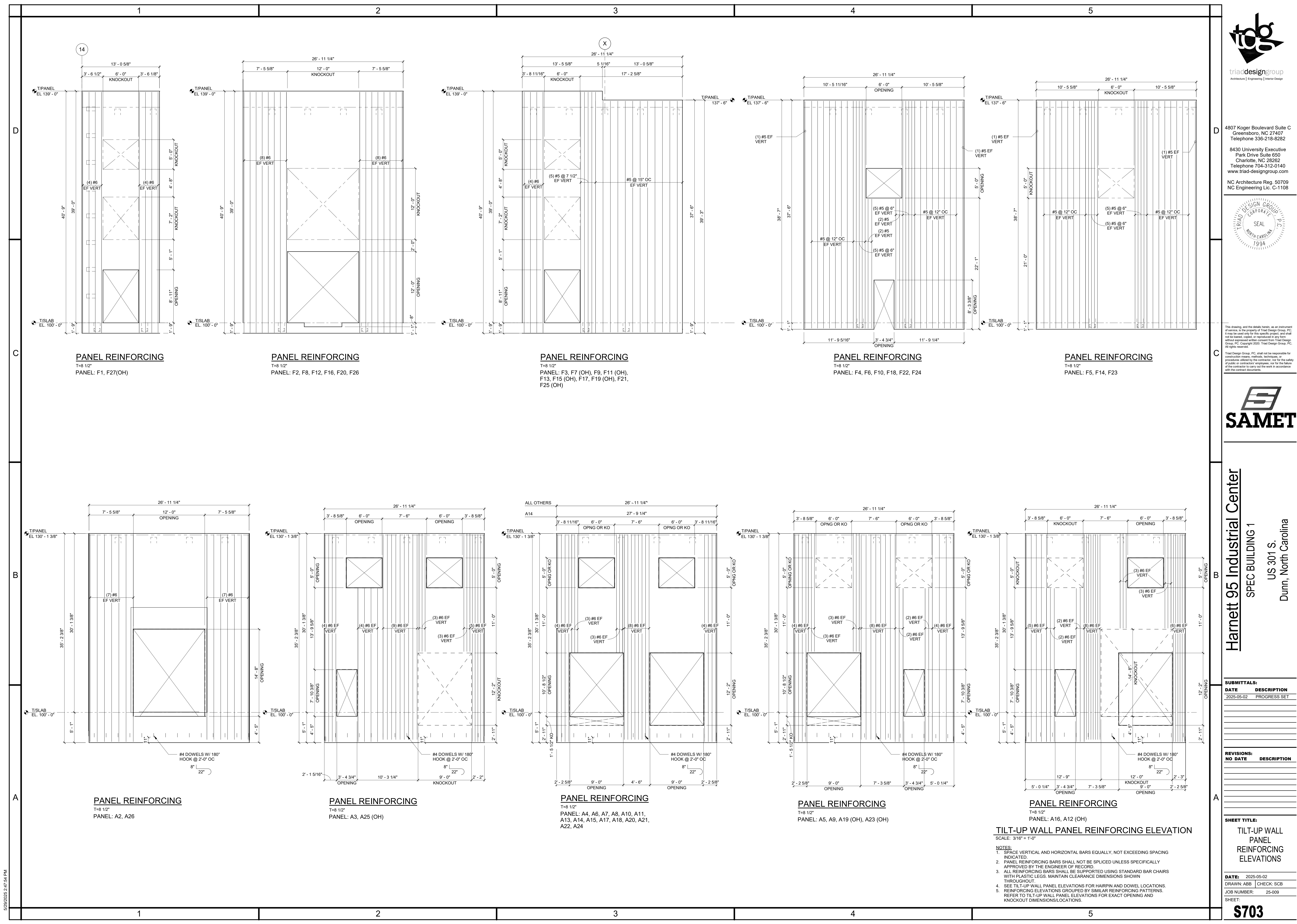
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