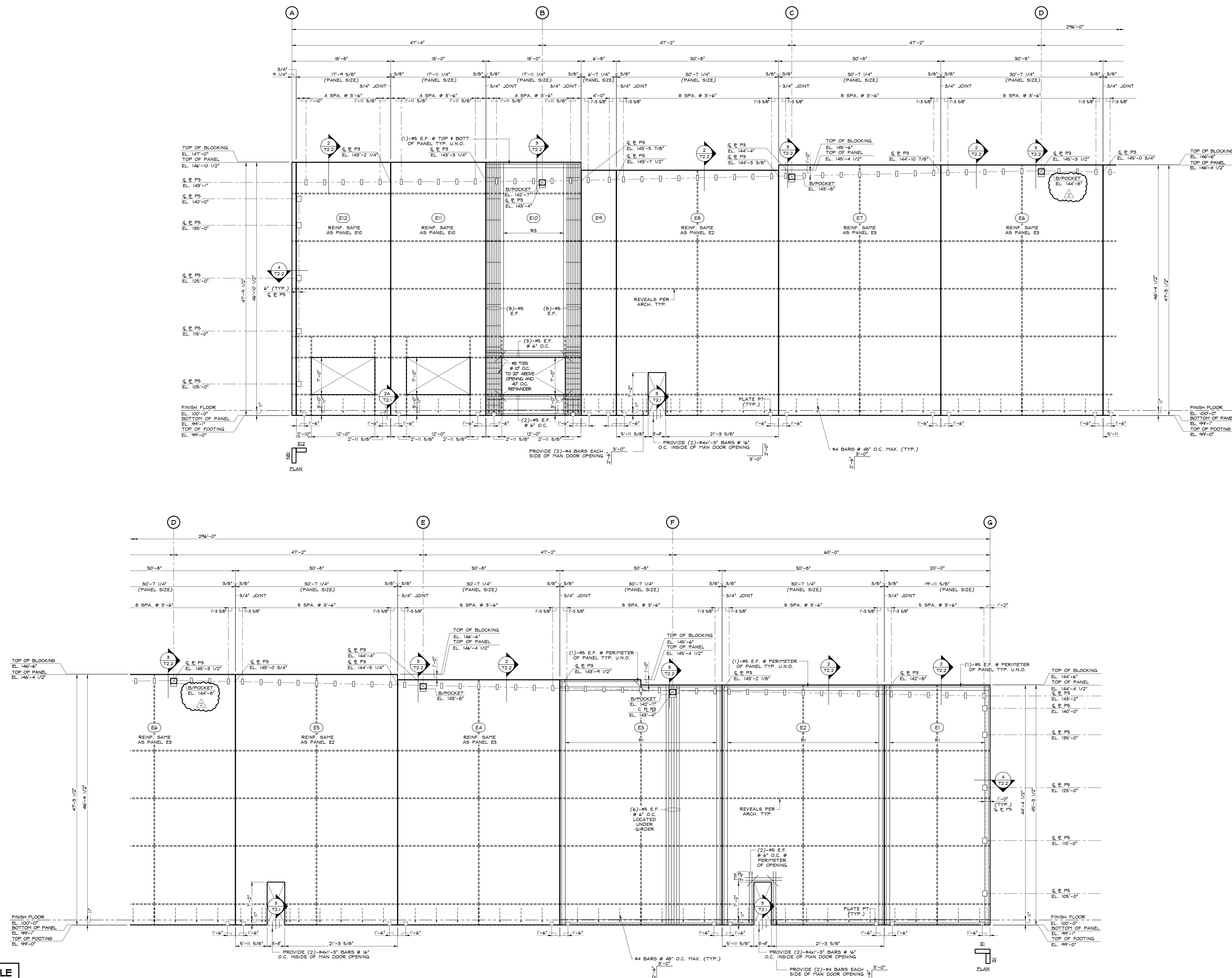


NO.	DATE	DESCRIPTION
6.9.2022	PERMIT	
1	7.8.2022	FTG. STEPS
2	9.30.2022	100% TILT WALL SET



EAST ELEVATION (9 1/4" PANEL TYP. U.N.O.)

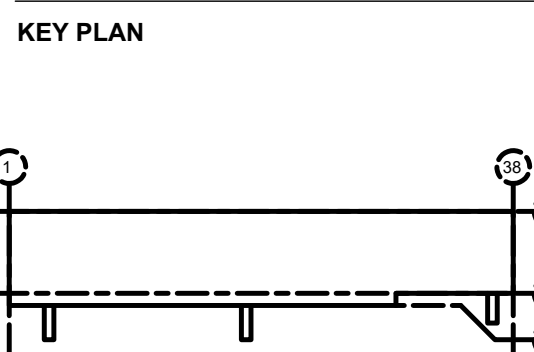
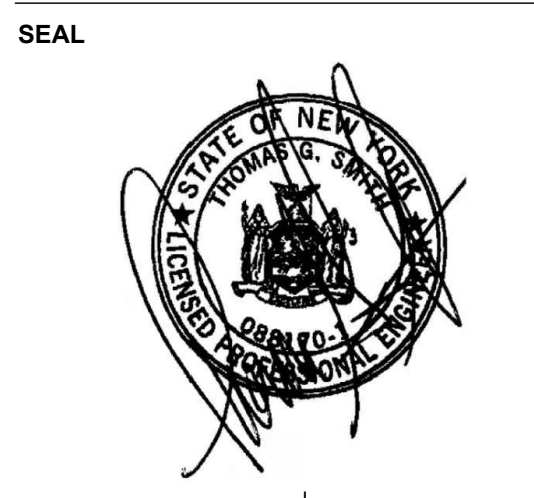
 SCALE: 1/8" = 1'-0"
 (LOOKING FROM INSIDE OF BUILDING ALONG COLUMN LINE 40)

NOTES:

1. VERIFY ALL PANEL AND OPENING DIMENSIONS W/GENERAL CONTRACTOR & ARCHITECT PRIOR TO CASTING PANELS W/DOORS AND WINDOWS.
2. PROVIDE 1-HS E.F. AROUND PERIMETER OF PANEL U.N.O.
3. CONTINUE REINFORCING THROUGH KNOCK-OUT OPENINGS.
4. BLOCKING AT TOP OF WALL TO REMAIN AFTER CONSTRUCTION OF PANELS.
5. HORIZONTAL STEEL CONTINUES THROUGH PANEL LEGS AT ALL OPENINGS.

REINFORCEMENT SCHEDULE

R1	#5 BARS @ 10" O.C. VERT. #4 BARS @ 10" O.C. HORIZ.
R2	#5 BARS @ 8" O.C. VERT. #4 BARS @ 12" O.C. HORIZ.
R3	#5 BARS @ 12" O.C. VERT. #4 BARS @ 10" O.C. HORIZ.
R4	#4 BARS @ 12" O.C. VERT. #4 BARS @ 12" O.C. HORIZ.
R5	#5 BARS @ 10" O.C. VERT. #4 BARS @ 12" O.C. HORIZ.
R6	#5 BARS @ 10" O.C. VERT. #4 BARS @ 10" O.C. HORIZ.
R7	#5 BARS @ 12" O.C. VERT. #4 BARS @ 10" O.C. HORIZ.



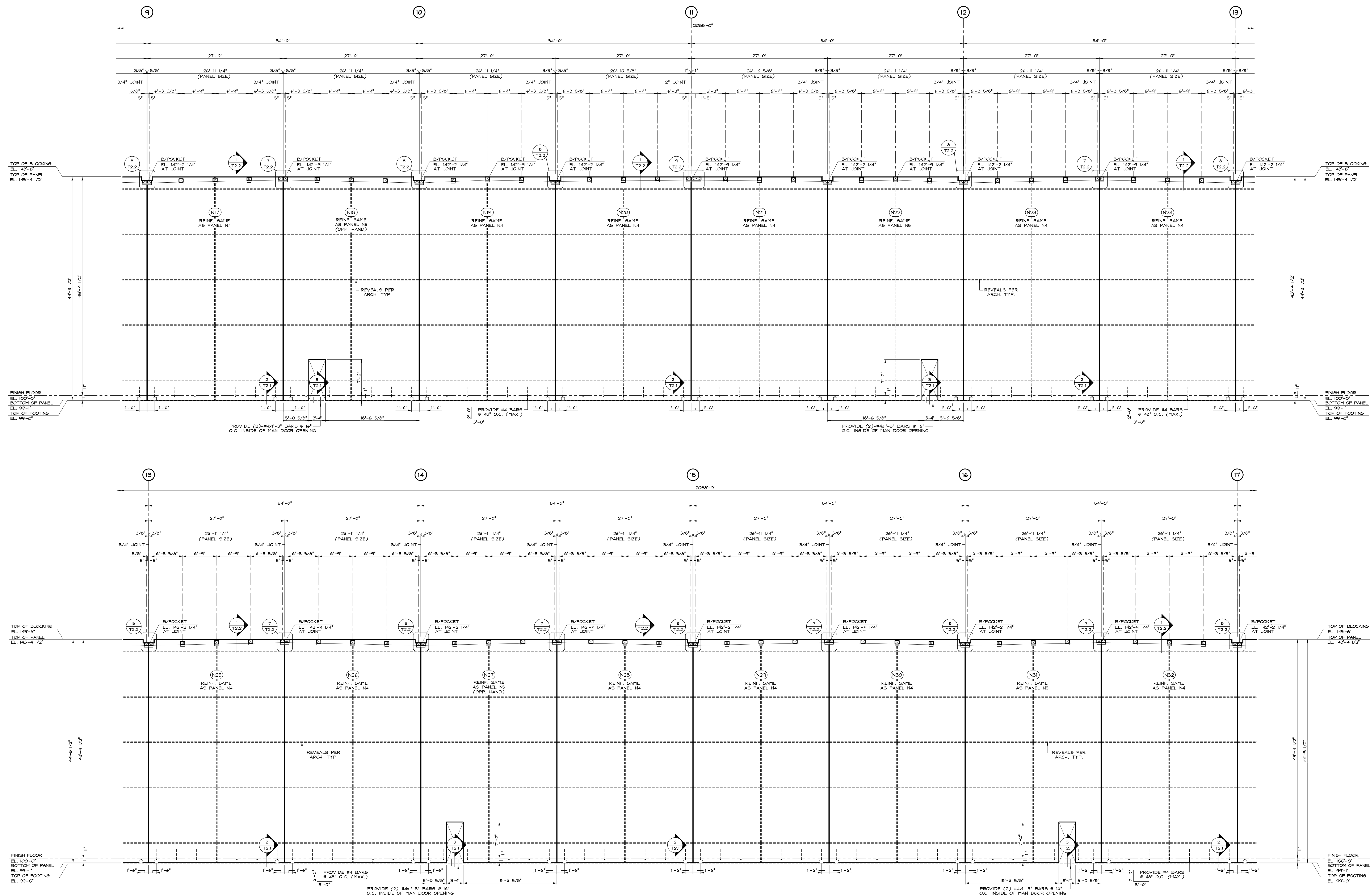
SUBMITTALS		
NO.	DATE	DESCRIPTION
1	6.9.2022	PERMIT
2	7.8.2022	FTG. STEPS
3	9.30.2022	100% TILT WALL SET

PROJECT NO. AS286-21 | NY131 | 21-155
DRAWN BY CEO

SHEET TITLE
**TILT WALL
ELEVATIONS**

SHEET NO.

T1.4



REINFORCEMENT SCHEDULE	
R1	#5 BARS @ 10" O.C. VERT. #4 BARS @ 10" O.C. HORIZ.
R2	#5 BARS @ 8" O.C. VERT. #4 BARS @ 12" O.C. HORIZ.
R3	#5 BARS @ 12" O.C. VERT. #4 BARS @ 10" O.C. HORIZ.
R4	#4 BARS @ 12" O.C. VERT. #4 BARS @ 12" O.C. HORIZ.
R5	#5 BARS @ 10" O.C. VERT. #4 BARS @ 12" O.C. HORIZ.
R6	#5 BARS @ 10" O.C. VERT. #4 BARS @ 10" O.C. HORIZ.
R7	#5 BARS @ 12" O.C. VERT. #4 BARS @ 10" O.C. HORIZ.

NORTH ELEVATION (9 1/4" PANEL TYP. U.N.O.)

SCALE: 1/8" = 1'-0"
(LOOKING FROM INSIDE OF BUILDING ALONG COLUMN LINE A)

- NOTES:
1. VERIFY ALL PANEL AND OPENING DIMENSIONS W/GENERAL CONTRACTOR & ARCHITECT PRIOR TO CASTING PANELS W/DOORS AND WINDOWS.
 2. PROVIDE 1-HS E.F. AROUND PERIMETER OF PANEL U.N.O.
 3. CONTINUE REINFORCING THROUGH KNOCK-OUT OPENINGS.
 4. BLOCKING AT TOP OF WALL TO REMAIN AFTER CONSTRUCTION OF PANELS.
 5. HORIZONTAL STEEL CONTINUES THROUGH PANEL LEGS AT ALL OPENINGS.

DESIGNER / BUILDER

ARCO
DESIGN/BUILD
INDUSTRIAL

44 SOUTH BROADWAY, SUITE 1003
WHITE PLAINS, NY 10601
P: 914.821.5535 F: 914.306.8010

ADBI / DESIGN
SERVICES

Lincoln Equities Group, LLC

PROJECT TITLE

**LINCOLN
EQUITIES -
NY-312 - BLDG B**

**NY-312 & PUGSLEY RD,
SOUTHEAST, NY 10509**

ARCHITECT

ADBI / DESIGN SERVICES LLC
44 SOUTH BROADWAY, SUITE 1003
WHITE PLAINS, NY 10601

CIVIL ENGINEER

LANGAN ENGINEERING
300 KIMBALL DRIVE
PARSIPPANY, NJ 07054

STRUCTURAL ENGINEER

SMITH ROBERTS AND ASSOCIATES, INC.
6501 BLUFF RD
INDIANAPOLIS, INDIANA 46217

MECHANICAL ENGINEER

NATIONAL DESIGN/BUILD SERVICES
11840 BORMAN DRIVE
ST. LOUIS, MO 63146

ELECTRICAL ENGINEER

FAB ENGINEERING
5 CHRISTY DRIVE, SUITE 307
CHADDS FORD, PA 19317

PLUMBING ENGINEER

MCCARTHY ENGINEERING ASSOCIATES,
INC.
315 EAST SECOND STREET
BOYERTOWN, PA 19012

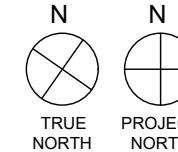
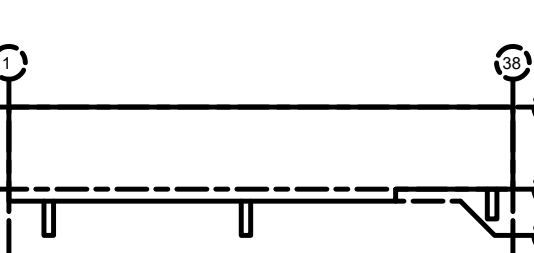
FIRE PROTECTION ENGINEER

S A COMMUNALE CO. INC.
2900 NEWPARK DRIVE
BARBERTON, OH 44203

SEAL



KEY PLAN



SUBMITTALS

NO.	DATE	DESCRIPTION
6.9.2022	PERMIT	
1	7.8.2022	FTG. STEPS
2	9.30.2022	100% TILT WALL SET

PROJECT NO.

AS286-21 | NY131 | 21-155

DRAWN BY

CEO

SHEET TITLE

**TILT WALL
ELEVATIONS**

SHEET NO.

T1.5

REINFORCEMENT SCHEDULE

R1	#5 BARS @ 10' O.C. VERT. #4 BARS @ 10' O.C. HORIZ.
R2	#5 BARS @ 8' O.C. VERT. #4 BARS @ 12' O.C. HORIZ.
R3	#5 BARS @ 12' O.C. VERT. #4 BARS @ 10' O.C. HORIZ.
R4	#4 BARS @ 12' O.C. VERT. #4 BARS @ 12' O.C. HORIZ.
R5	#5 BARS @ 10' O.C. VERT. #4 BARS @ 12' O.C. HORIZ.
R6	#5 BARS @ 10' O.C. VERT. #4 BARS @ 10' O.C. HORIZ.
R7	#5 BARS @ 12' O.C. VERT. #4 BARS @ 10' O.C. HORIZ.

NORTH ELEVATION (9 1/4" PANEL TYP. U.N.O.)

SCALE: 1/8" = 1'-0"
(LOOKING FROM INSIDE OF BUILDING ALONG COLUMN LINE A)

- NOTES:
1. VERIFY ALL PANEL AND OPENING DIMENSIONS W/GENERAL CONTRACTOR & ARCHITECT PRIOR TO CASTING PANELS W/DOORS AND WINDOWS.
 2. PROVIDE 1-#5 E.F. AROUND PERIMETER OF PANEL U.N.O.
 3. CONTINUE REINFORCING THROUGH KNOCK-OUT OPENINGS.
 4. BLOCKING AT TOP OF WALL TO REMAIN AFTER CONSTRUCTION OF PANELS.
 5. HORIZONTAL STEEL CONTINUES THROUGH PANEL LEGS AT ALL OPENINGS.

DESIGNER / BUILDER

ARCO
DESIGN/BUILD
INDUSTRIAL

44 SOUTH BROADWAY, SUITE 1003
WHITE PLAINS, NY 10601
P: 914.821.5535 F: 914.306.6010

ADBI / DESIGN
SERVICES

Lincoln Equities Group, LLC

PROJECT TITLE

**LINCOLN
EQUITIES -
NY-312 - BLDG B**

**NY-312 & PUGSLEY RD,
SOUTHEAST, NY 10509**

ARCHITECT

ADBI / DESIGN SERVICES LLC
44 SOUTH BROADWAY, SUITE 1003
WHITE PLAINS, NY 10601

CIVIL ENGINEER

LANGAN ENGINEERING
300 KIMBALL DRIVE
PARSIPPANY, NJ 07054

STRUCTURAL ENGINEER

SMITH ROBERTS AND ASSOCIATES, INC.
6501 BLUFF RD
INDIANAPOLIS, INDIANA 46217

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NATIONAL DESIGN/BUILD SERVICES
11840 BORMAN DRIVE
ST. LOUIS, MO 63146

ELECTRICAL ENGINEER

FAB ENGINEERING
5 CHRISTY DRIVE, SUITE 307
CHADDS FORD, PA 19317

PLUMBING ENGINEER

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315 EAST SECOND STREET
BOYERTOWN, PA 19512

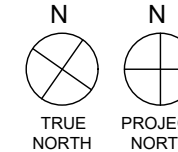
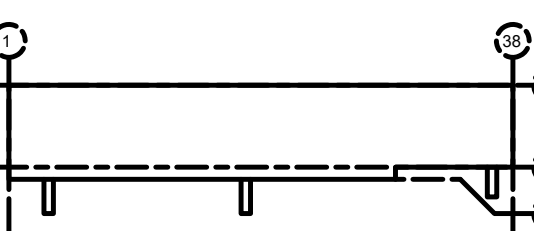
FIRE PROTECTION ENGINEER

S A COMMUNALE CO. INC.
2900 NEWPARK DRIVE
BARBERTON, OH 44203

SEAL



KEY PLAN



SUBMITTALS

NO.	DATE	DESCRIPTION
6.9.2022	PERMIT	
1	7.8.2022	FTG. STEPS
2	9.30.2022	100% TILT WALL SET

PROJECT NO.

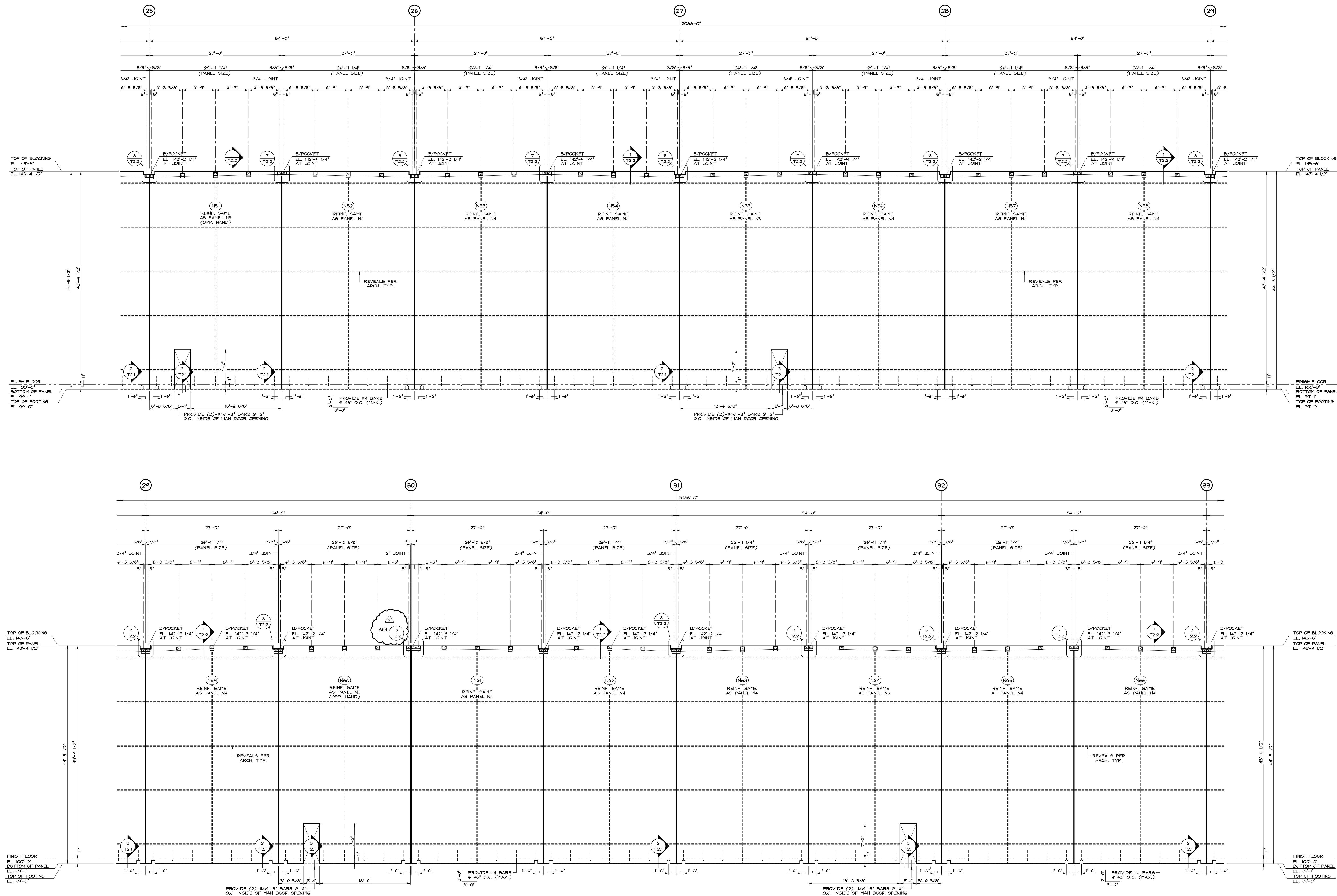
AS286-21 NY131 | 21-155

SHEET TITLE

**TILT WALL
ELEVATIONS**

SHEET NO.

T1.6



REINFORCEMENT SCHEDULE	
R1	#5 BARS @ 10' O.C. VERT. #4 BARS @ 10' O.C. HORIZ.
R2	#5 BARS @ 8" O.C. VERT. #4 BARS @ 12" O.C. HORIZ.
R3	#5 BARS @ 12" O.C. VERT. #4 BARS @ 10" O.C. HORIZ.
R4	#4 BARS @ 12" O.C. VERT. #4 BARS @ 12" O.C. HORIZ.
R5	#5 BARS @ 10' O.C. VERT. #4 BARS @ 12" O.C. HORIZ.
R6	#5 BARS @ 10' O.C. VERT. #4 BARS @ 10' O.C. HORIZ.
R7	#5 BARS @ 12" O.C. VERT. #4 BARS @ 10' O.C. HORIZ.

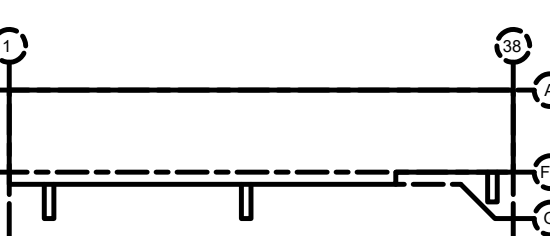
NORTH ELEVATION (9 1/4" PANEL TYP. U.N.O.)

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

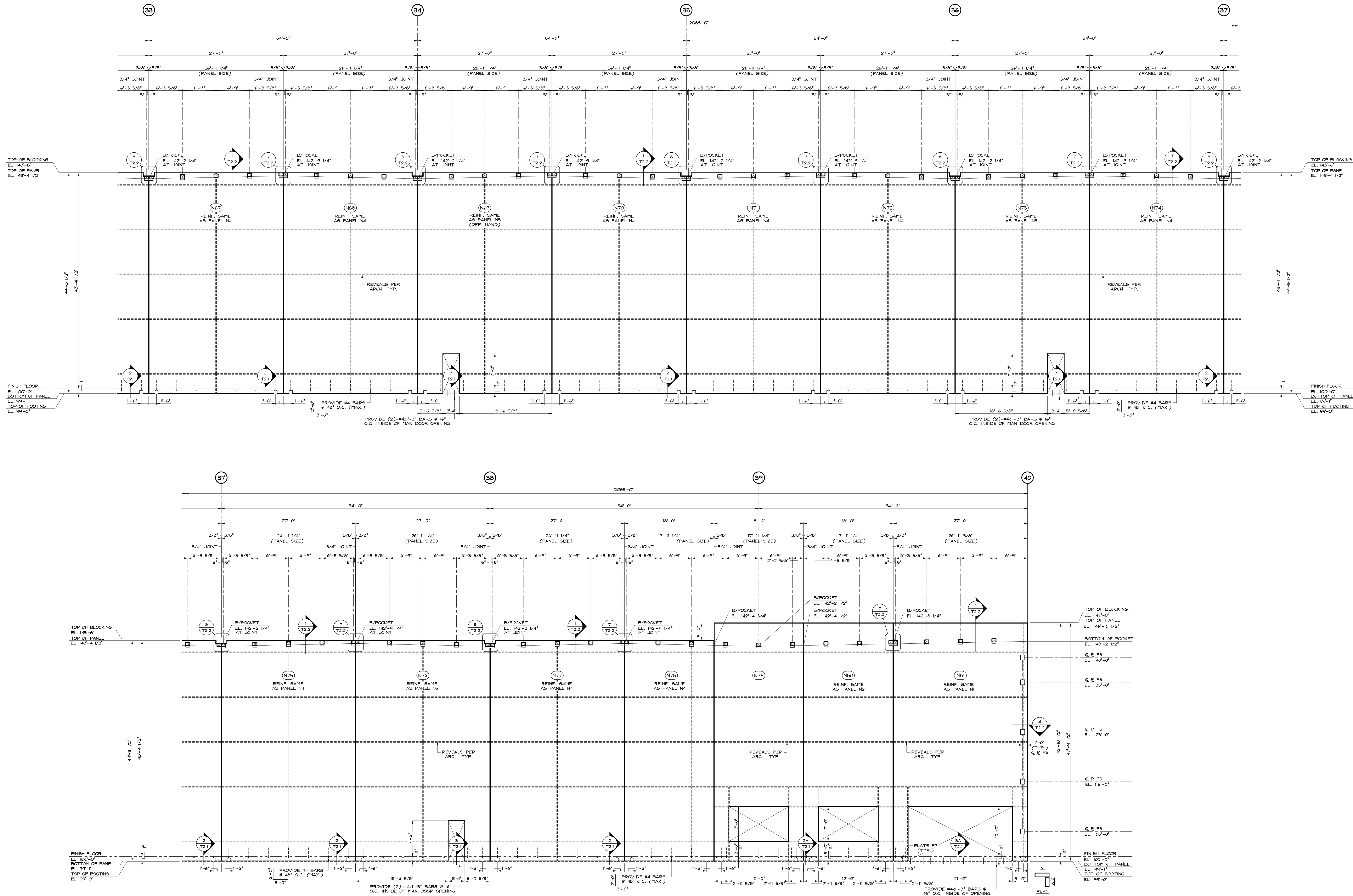
(LOOKING FROM INSIDE OF BUILDING ALONG COLUMN LINE A)

NOTES:

1. VERIFY ALL PANEL AND OPENING DIMENSIONS W/GENERAL CONTRACTOR & ARCHITECT PRIOR TO CASTING PANELS W/DOORS AND WINDOWS.
2. PROVIDE 1-#5 E.F. AROUND PERIMETER OF PANEL U.N.O.
3. CONTINUE REINFORCING THROUGH KNOCK-OUT OPENINGS.
4. BLOCKING AT TOP OF WALL TO REMAIN AFTER CONSTRUCTION OF PANELS.
5. HORIZONTAL STEEL CONTINUES THROUGH PANEL LESS AT ALL OPENINGS.



SUBMITTALS		
NO.	DATE	DESCRIPTION
6.9.2022	PERMIT	
1	7.8.2022	FTG. STEPS
2	9.30.2022	100% TILT WALL SET



NORTH ELEVATION (9 1/4" PANEL TYP. U.N.O.)

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

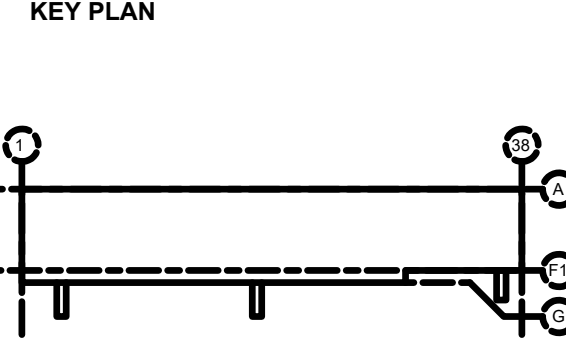
(LOOKING FROM INSIDE OF BUILDING ALONG COLUMN LINE A)

NOTES:

1. VERIFY ALL PANEL AND OPENING DIMENSIONS W/GENERAL CONTRACTOR & ARCHITECT PRIOR TO CASTING PANELS W/DOORS AND WINDOWS.
2. PROVIDE 1-HS E.P. AROUND PERIMETER OF PANEL U.N.O.
3. CONTINUE REINFORCING THROUGH KNOCK-OUT OPENINGS.
4. BLOCKING AT TOP OF WALL TO REMAIN AFTER CONSTRUCTION OF PANELS.
5. HORIZONTAL STEEL CONTINUES THROUGH PANEL LEGS AT ALL OPENINGS.

REINFORCEMENT SCHEDULE

R1	#5 BARS @ 10" O.C. VERT. #4 BARS @ 10" O.C. HORIZ.
R2	#5 BARS @ 8" O.C. VERT. #4 BARS @ 12" O.C. HORIZ.
R3	#5 BARS @ 12" O.C. VERT. #4 BARS @ 10" O.C. HORIZ.
R4	#4 BARS @ 12" O.C. VERT. #4 BARS @ 12" O.C. HORIZ.
R5	#5 BARS @ 10" O.C. VERT. #4 BARS @ 12" O.C. HORIZ.
R6	#5 BARS @ 10" O.C. VERT. #4 BARS @ 10" O.C. HORIZ.
R7	#5 BARS @ 12" O.C. VERT. #4 BARS @ 10" O.C. HORIZ.



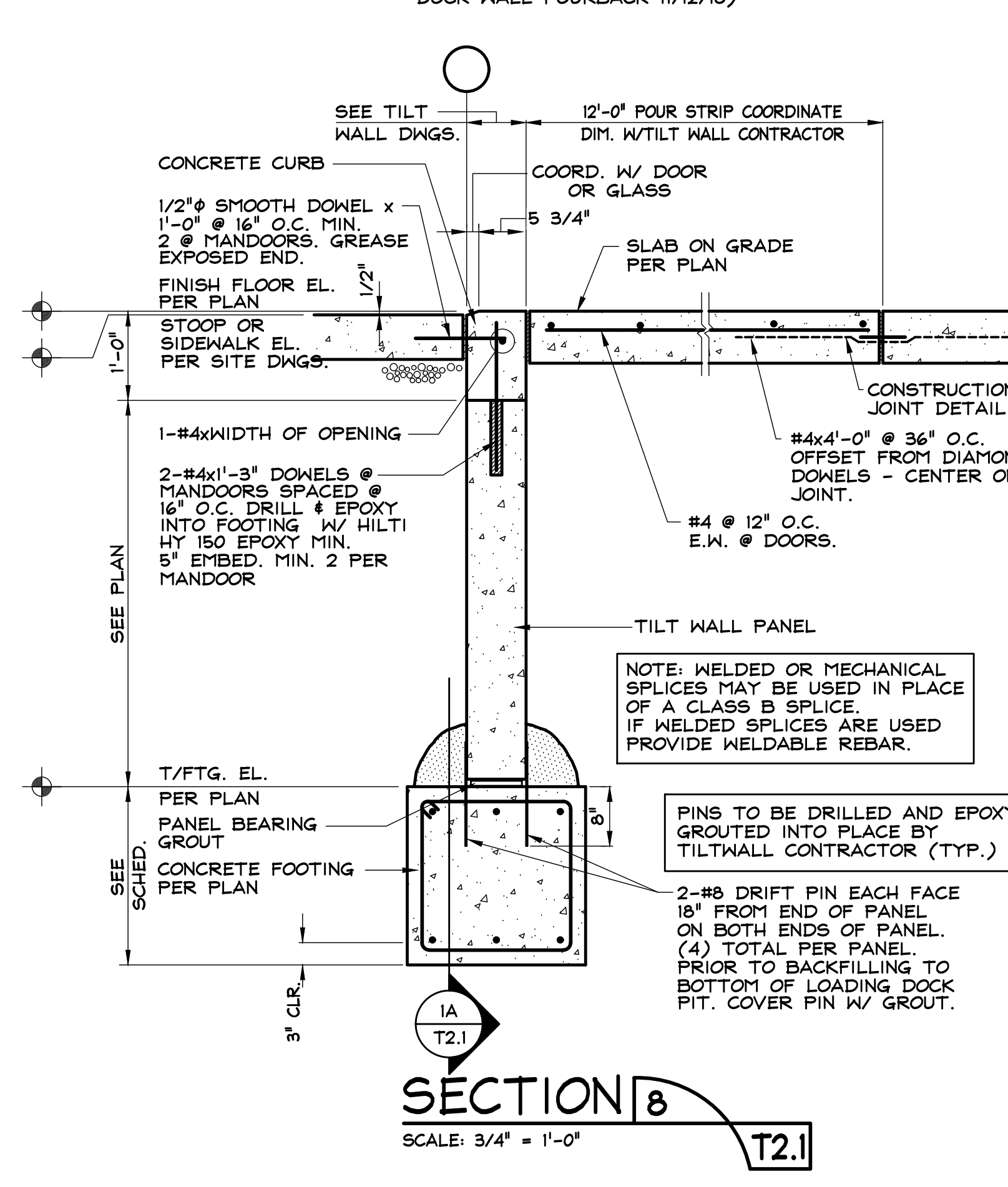
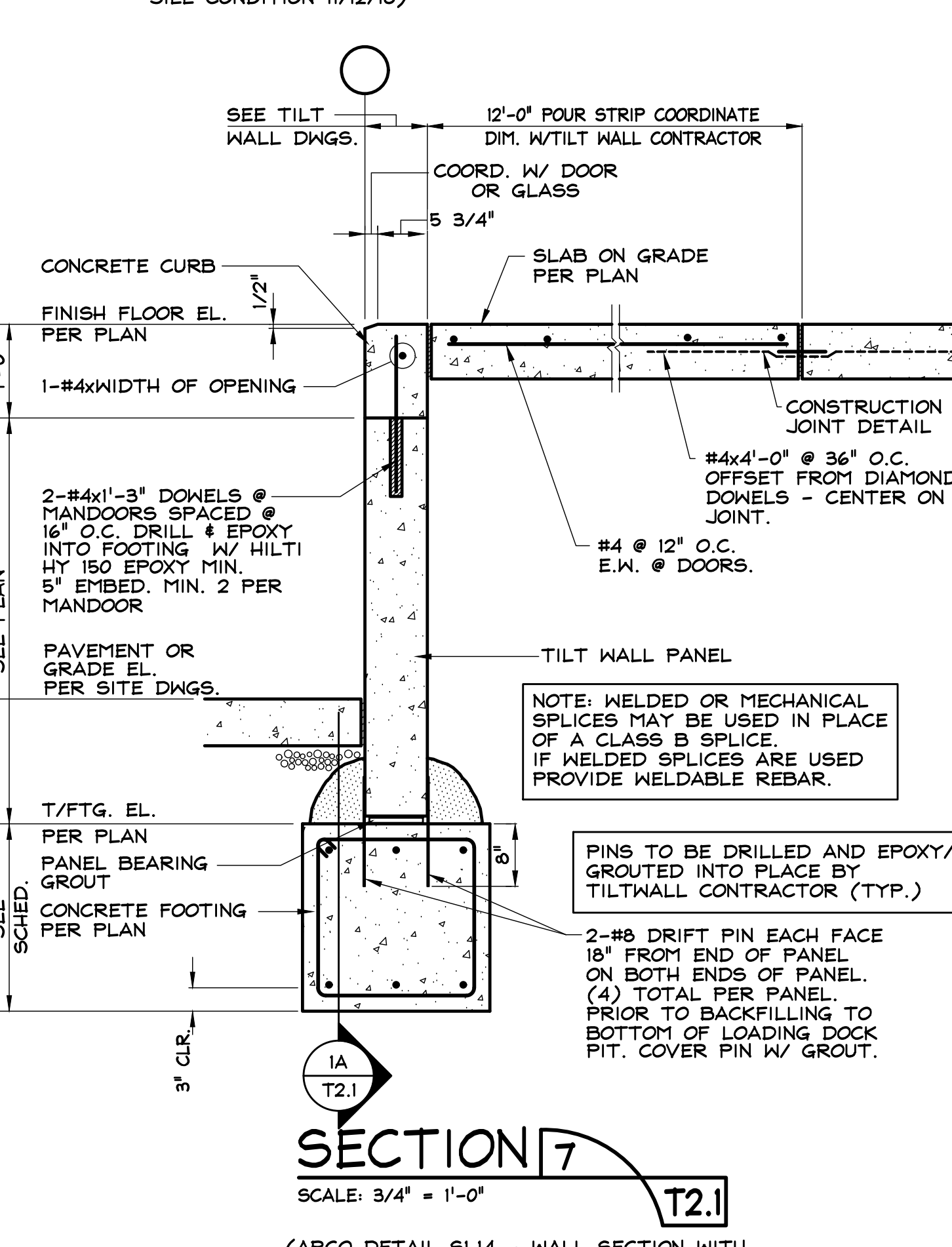
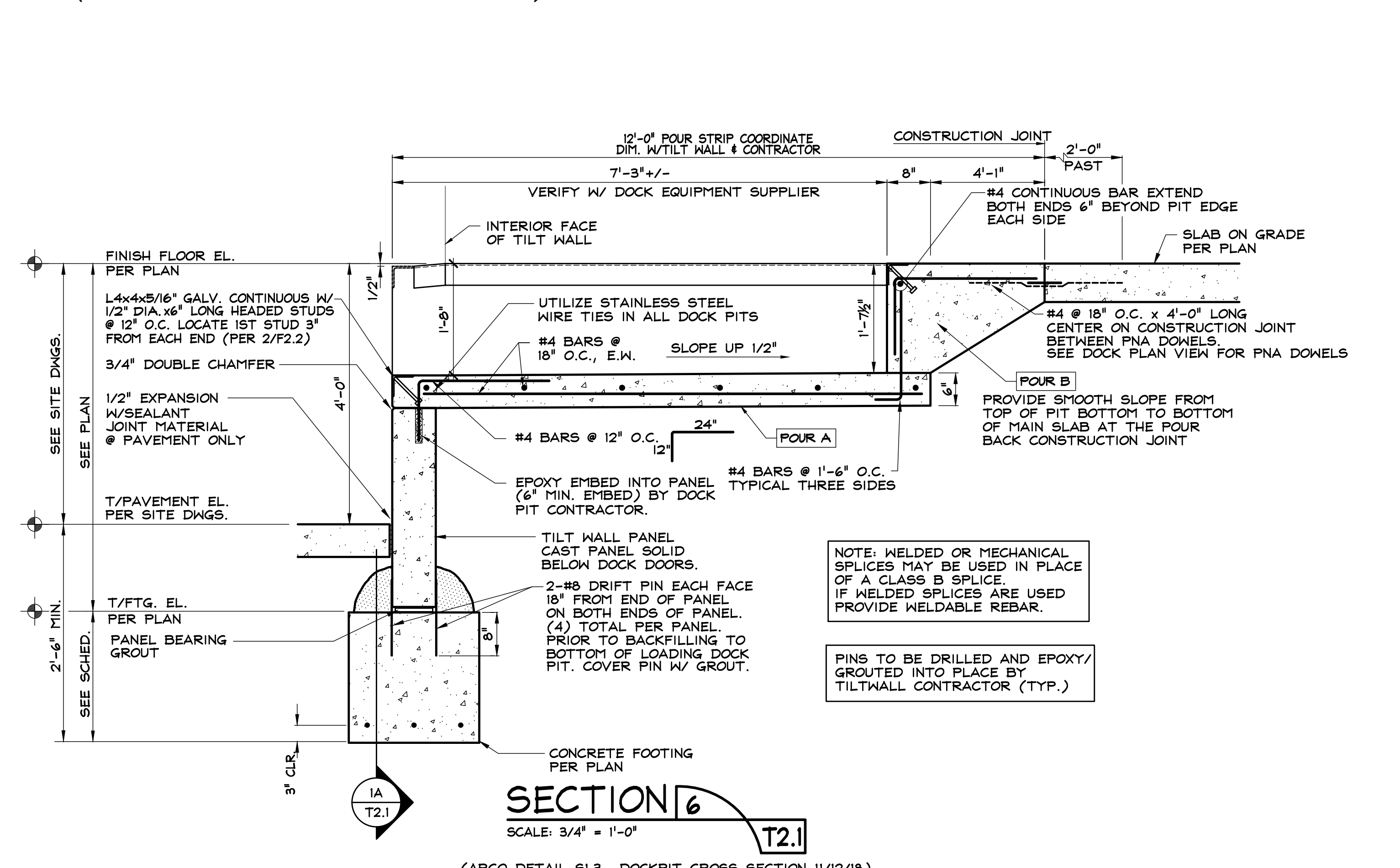
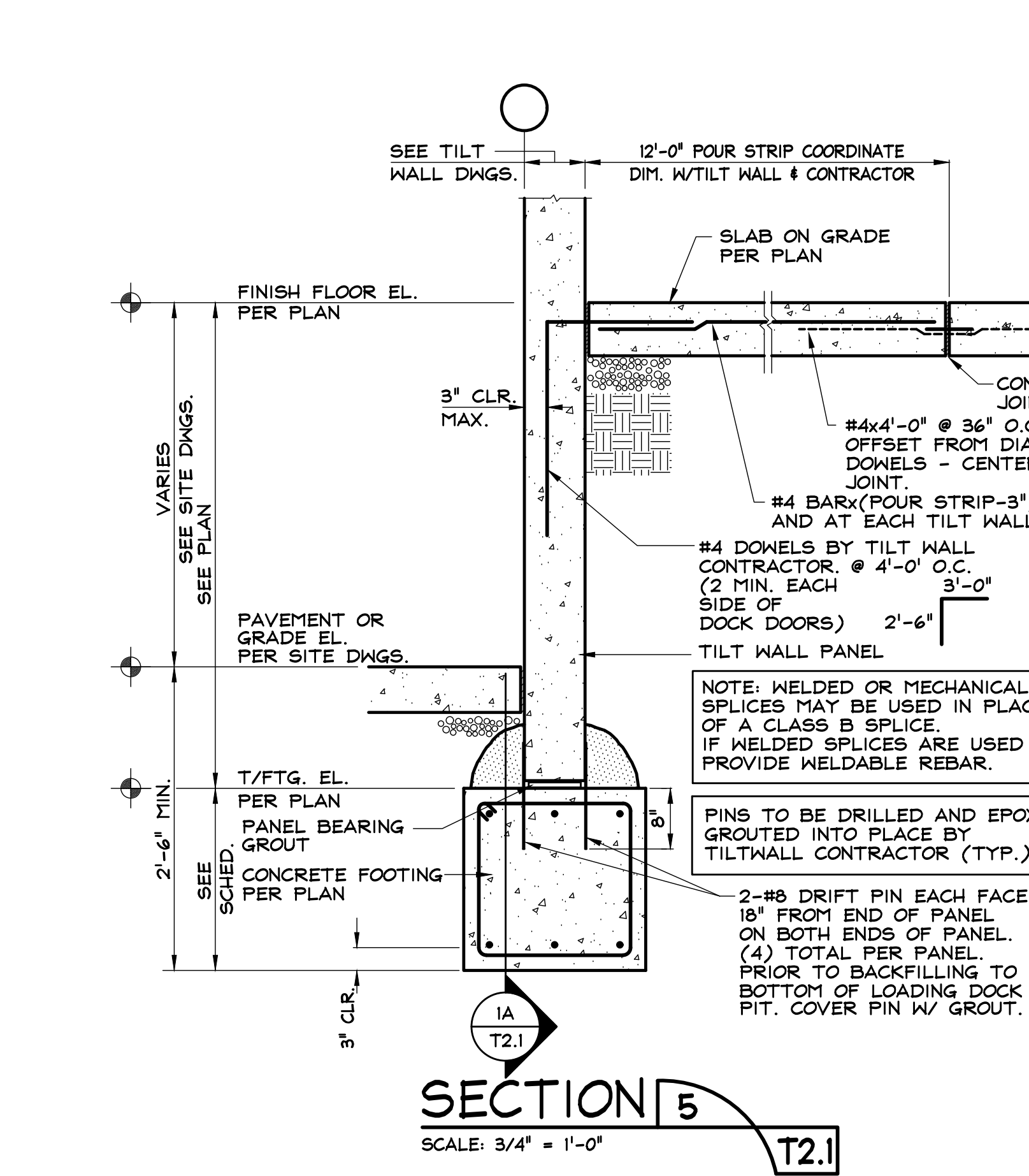
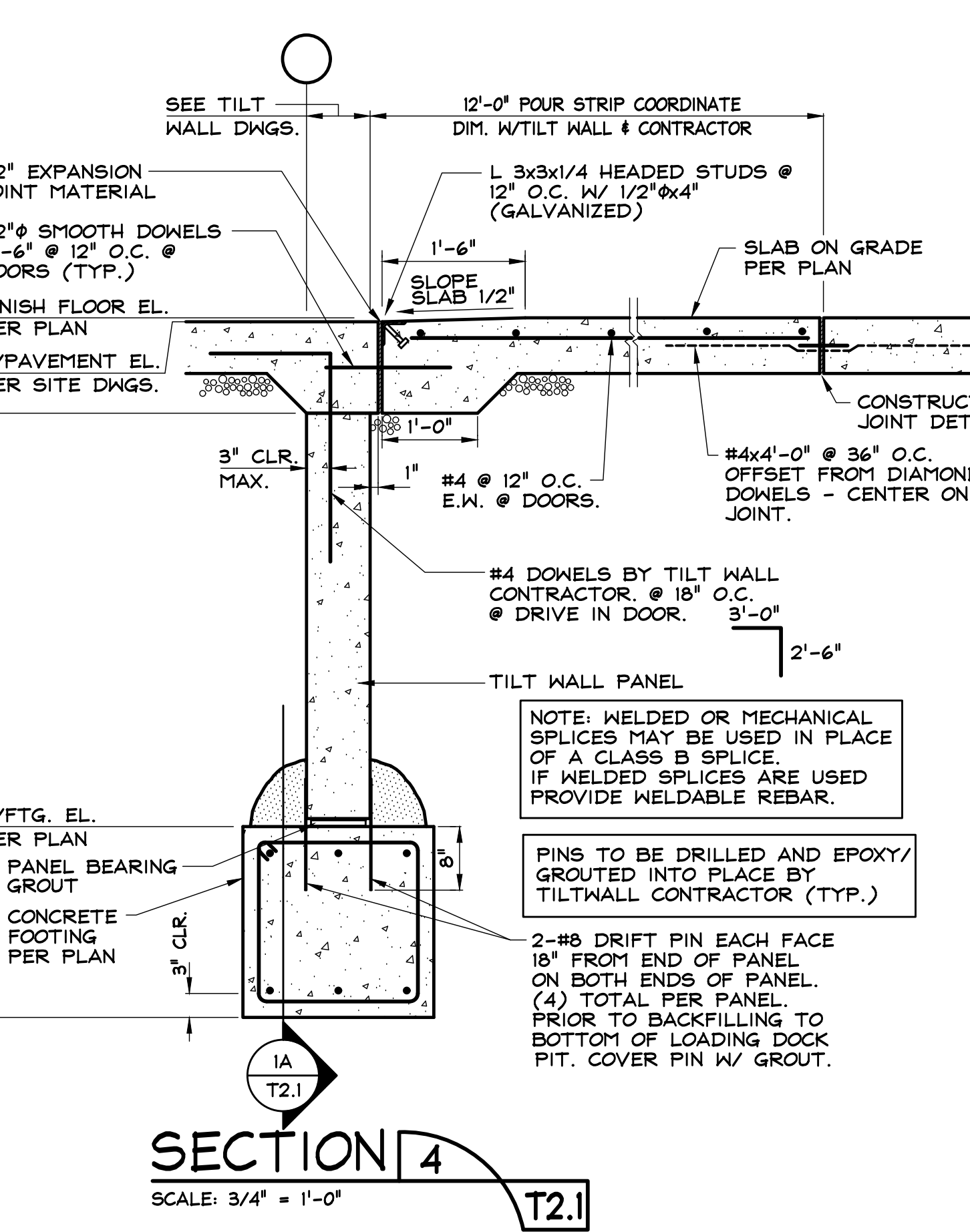
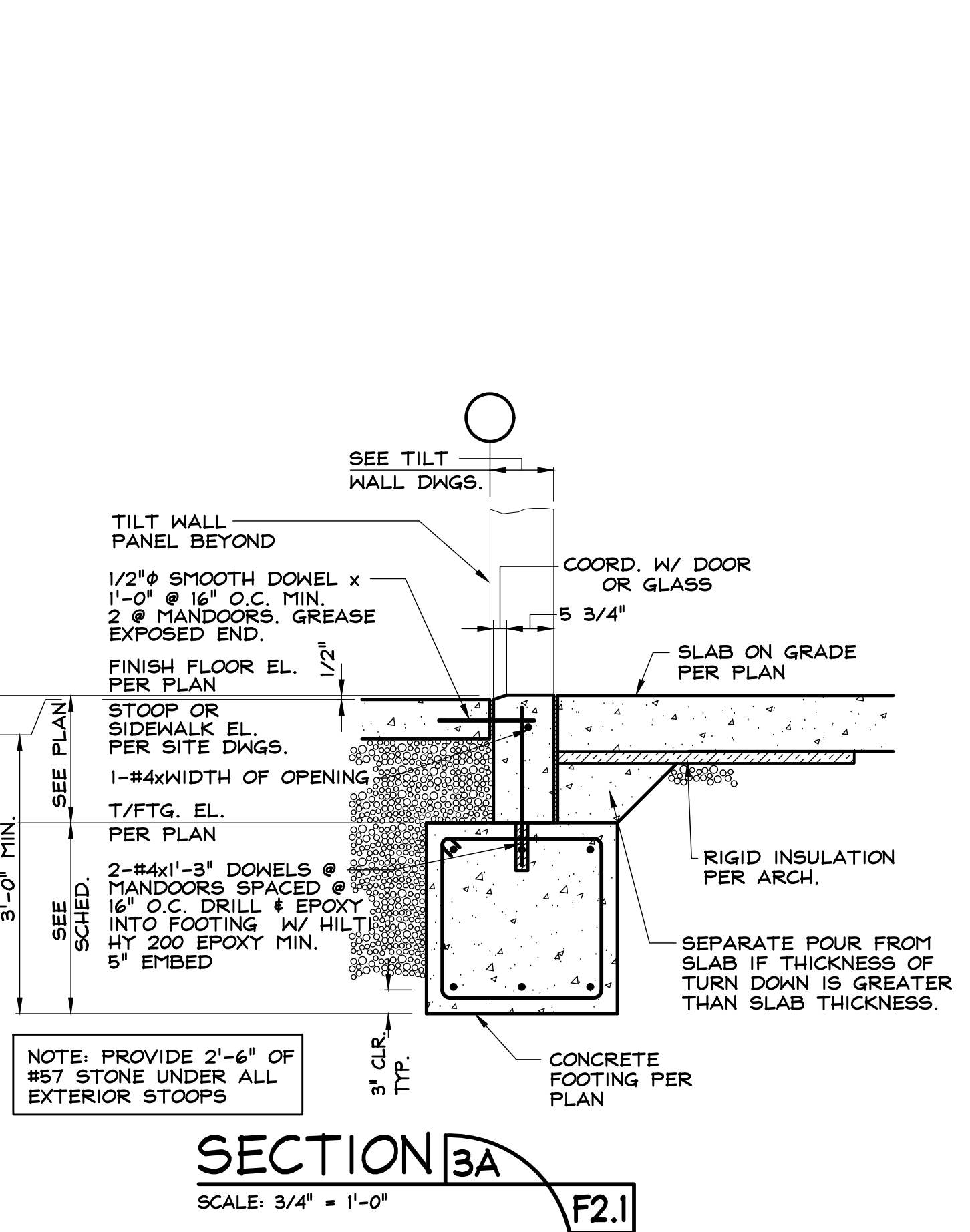
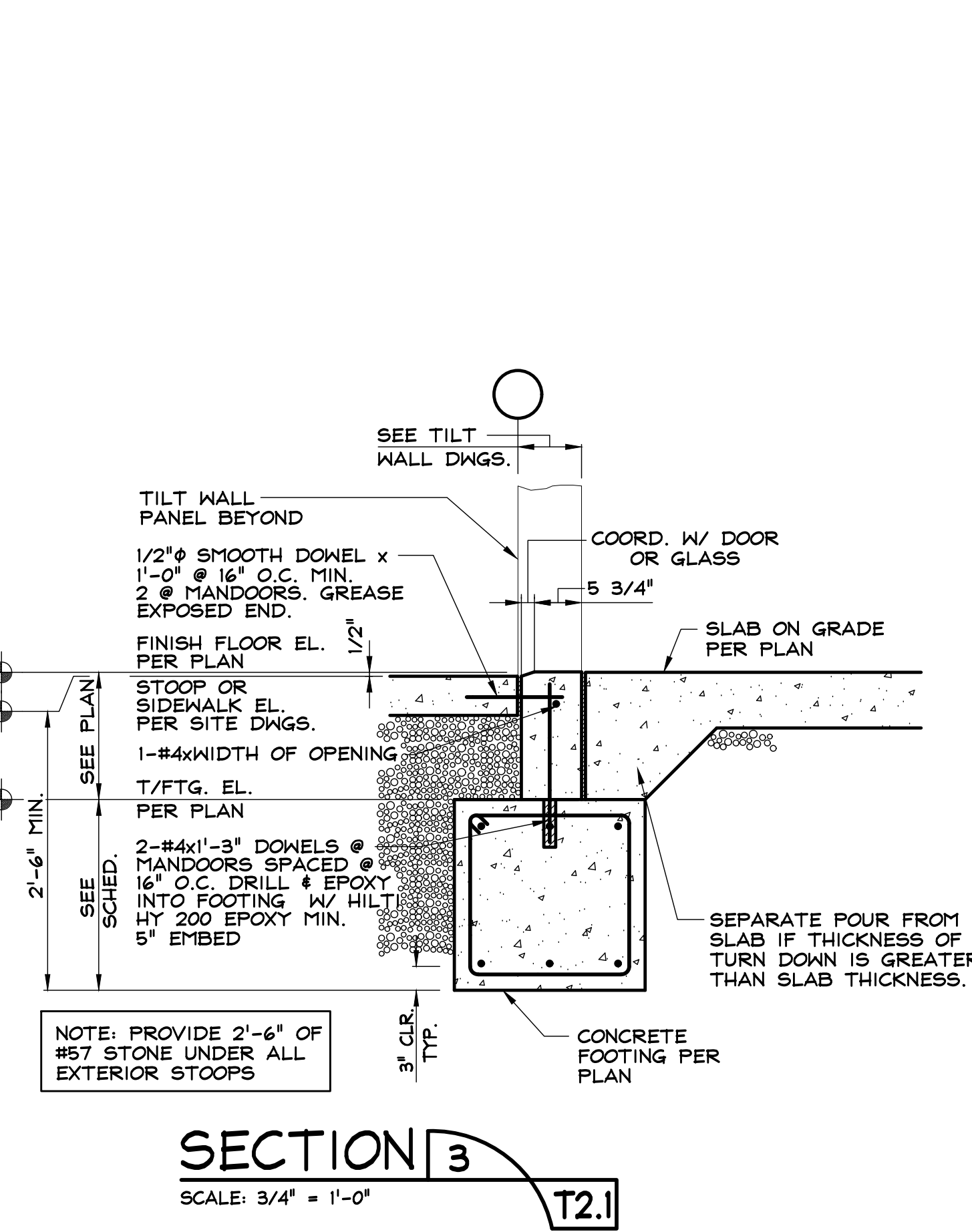
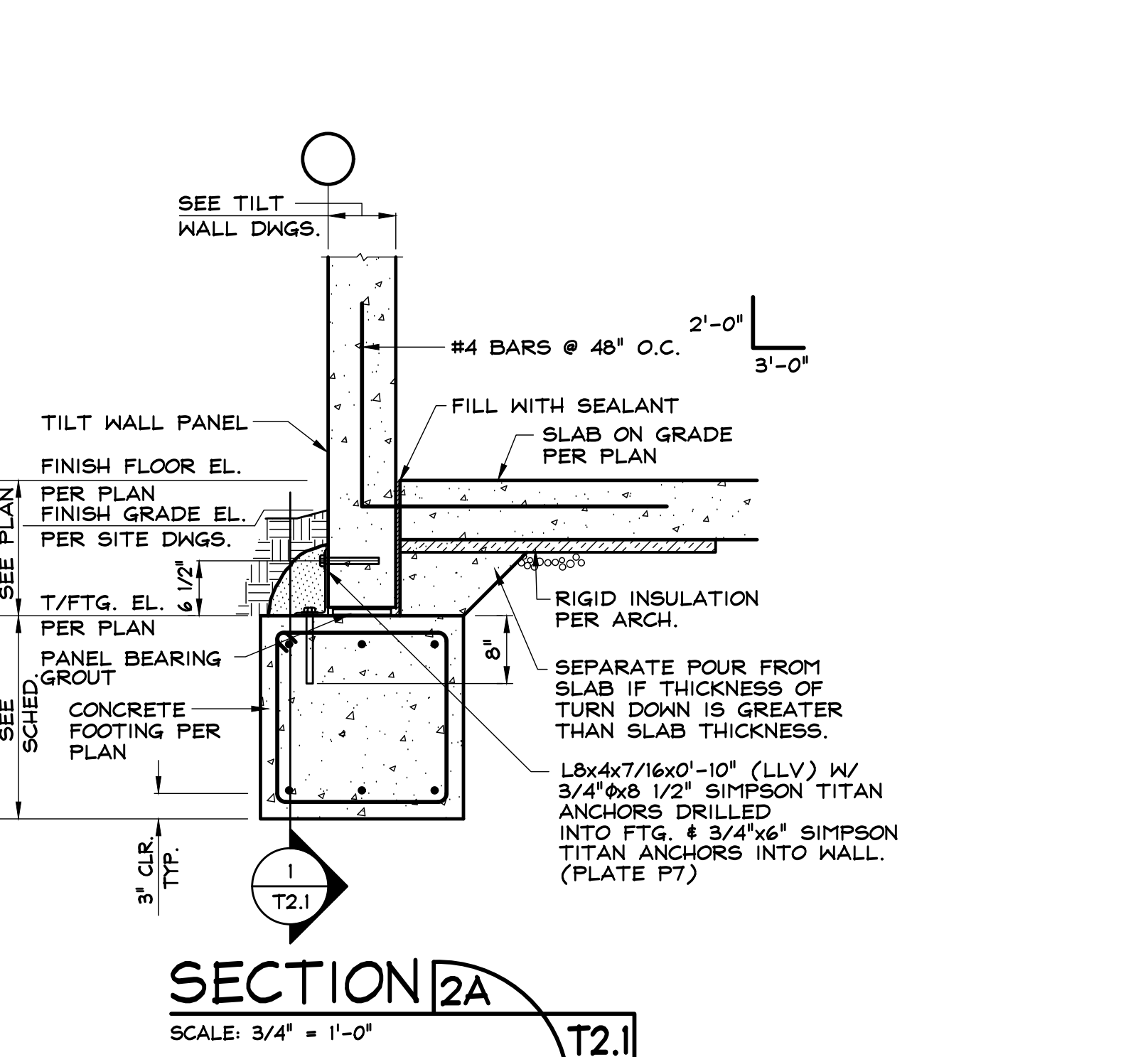
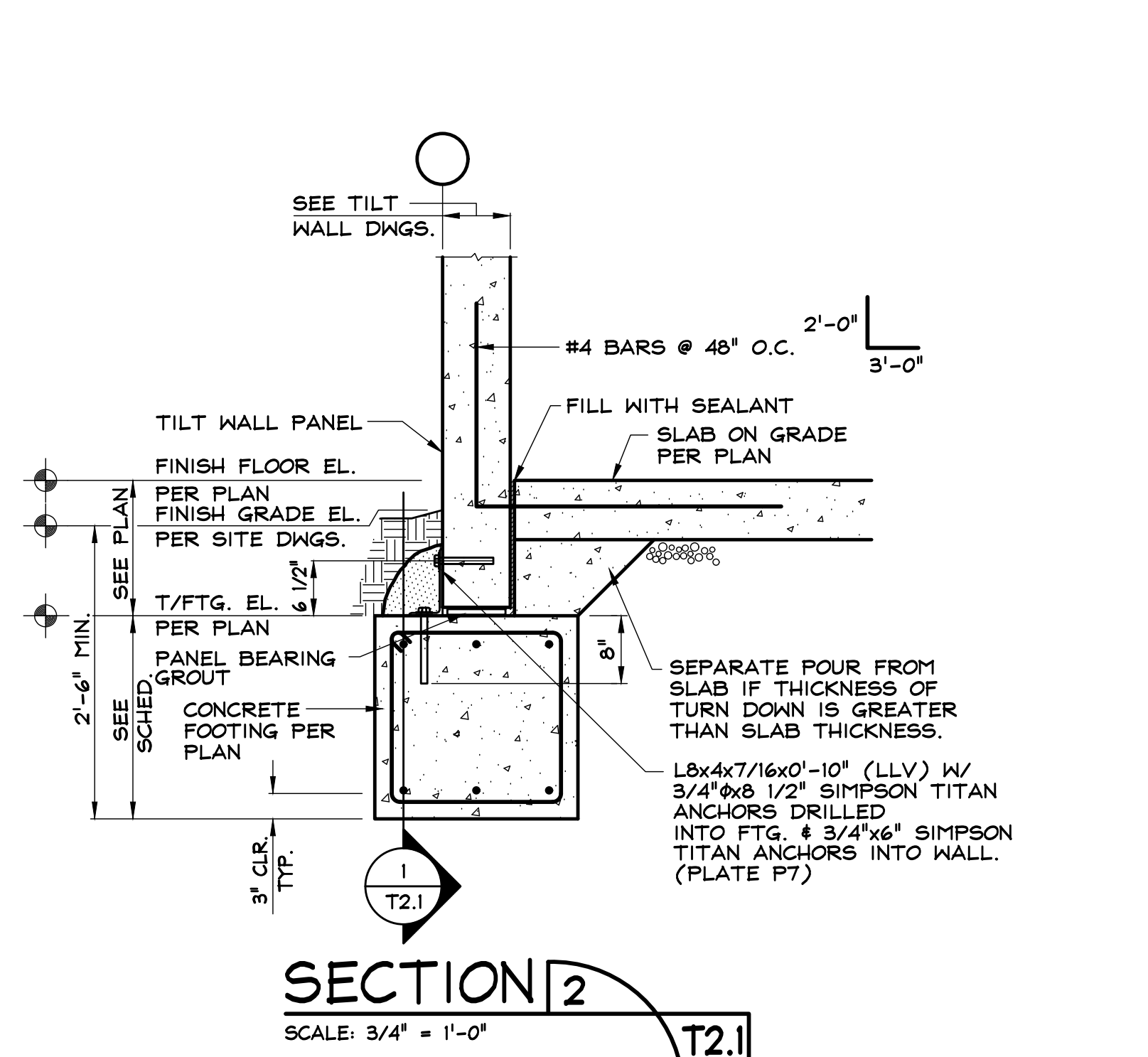
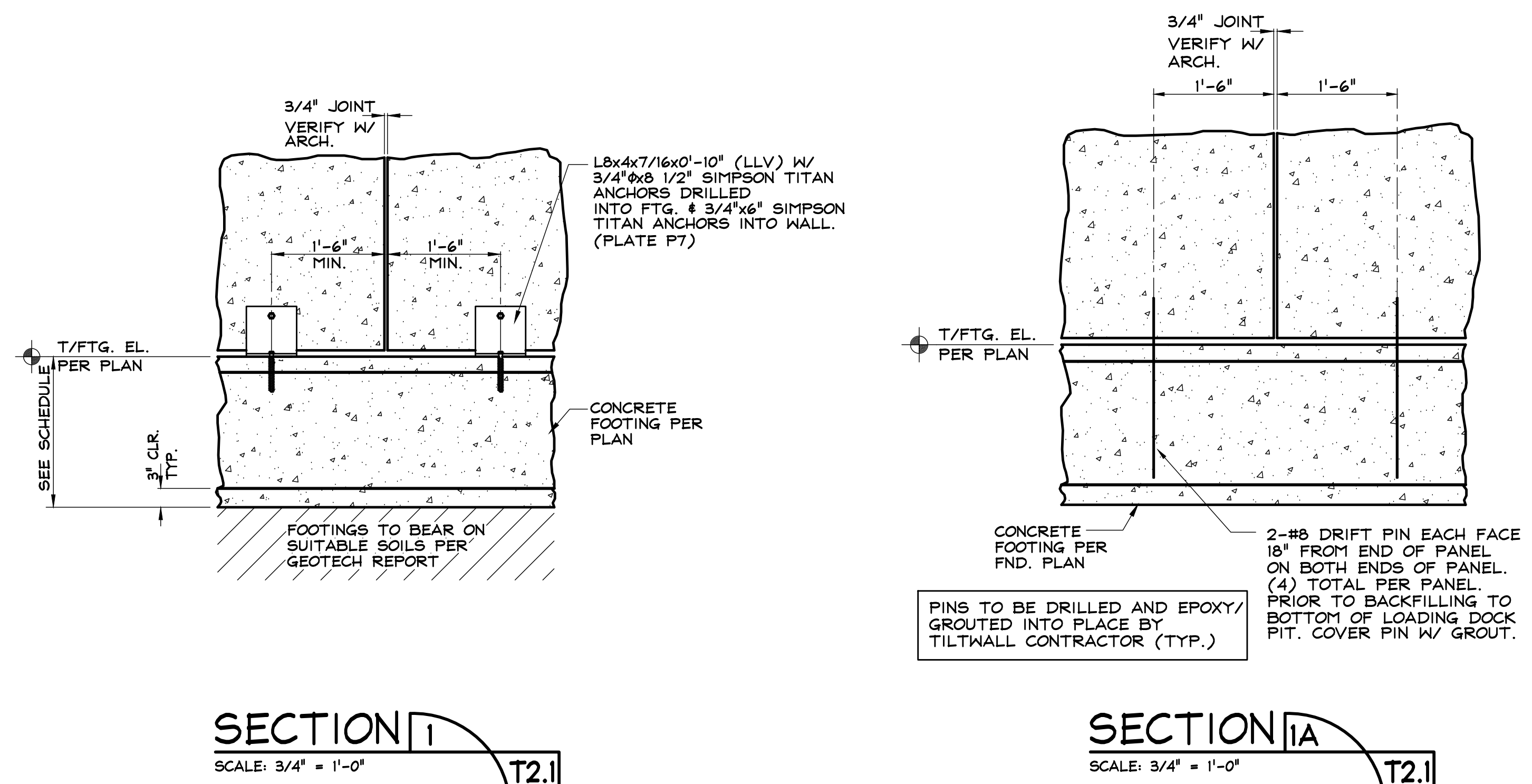
SUBMITTALS		
NO.	DATE	DESCRIPTION
1	6.9.2022	PERMIT
2	7.8.2022	FTG. STEPS
3	9.30.2022	100% TILT WALL SET

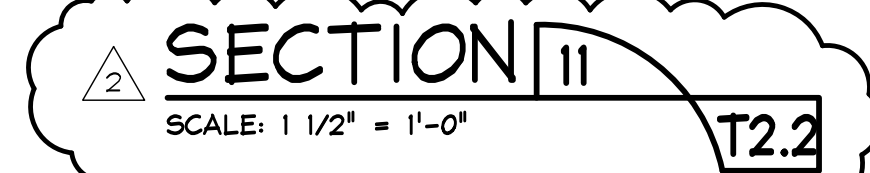
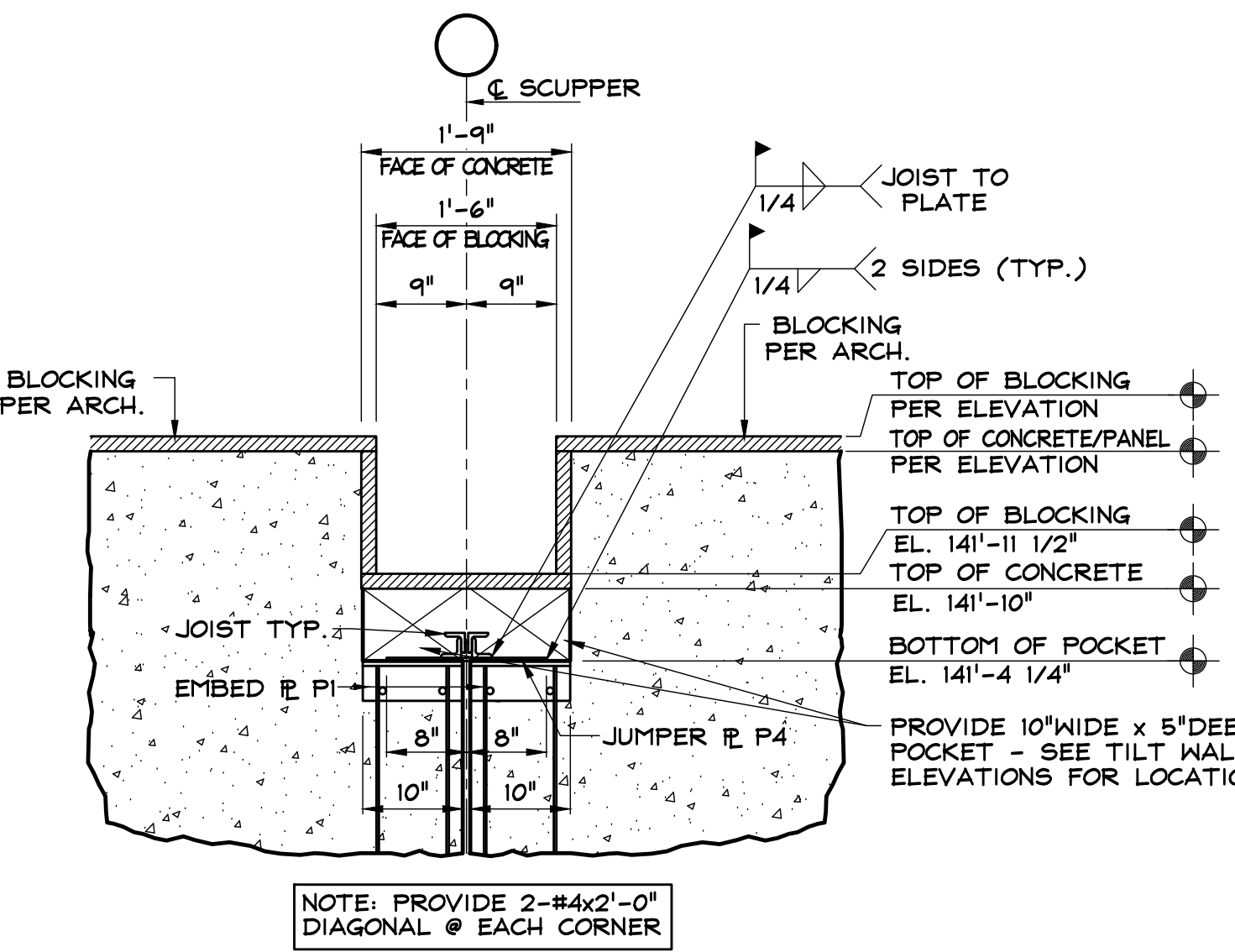
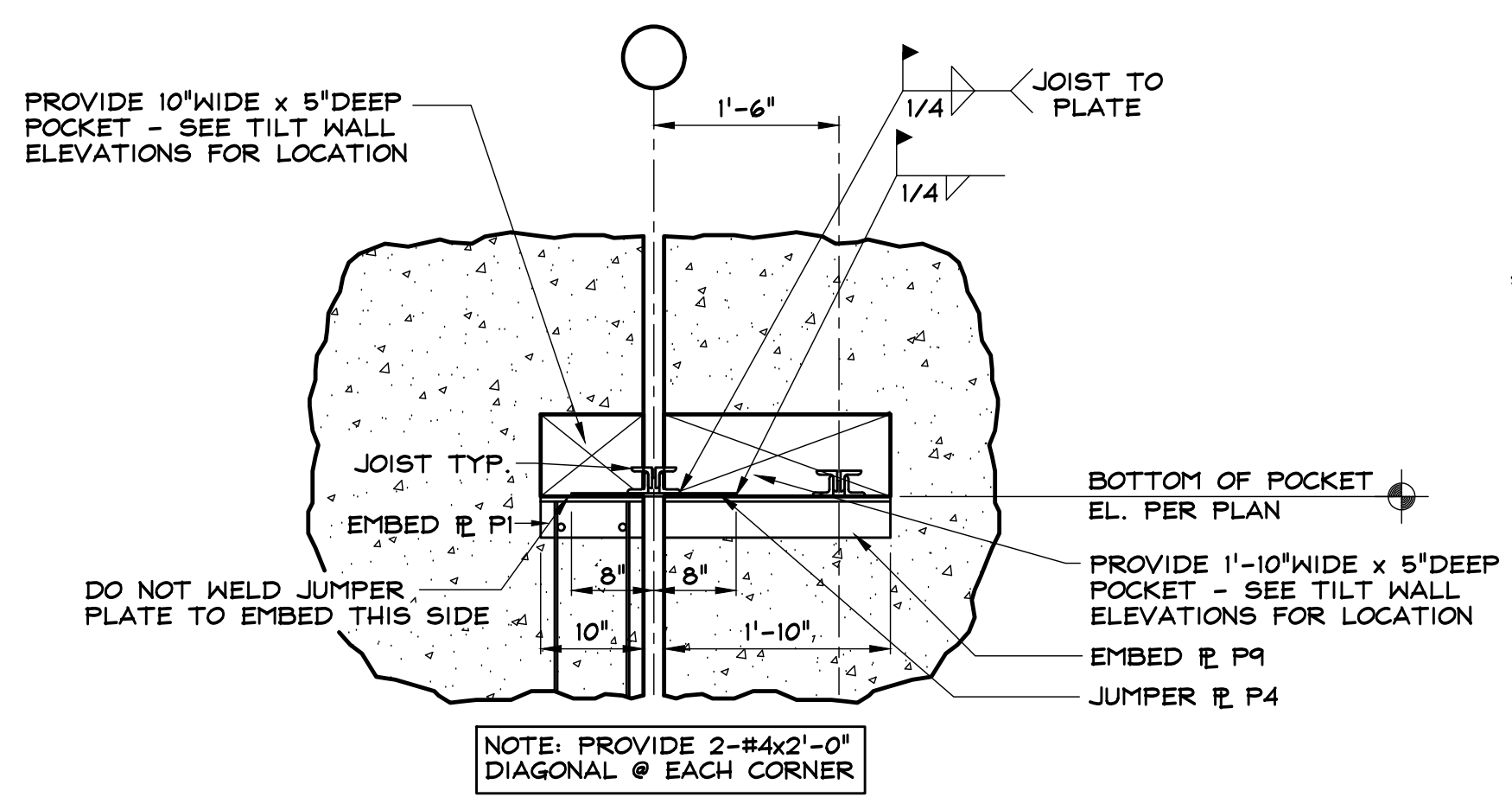
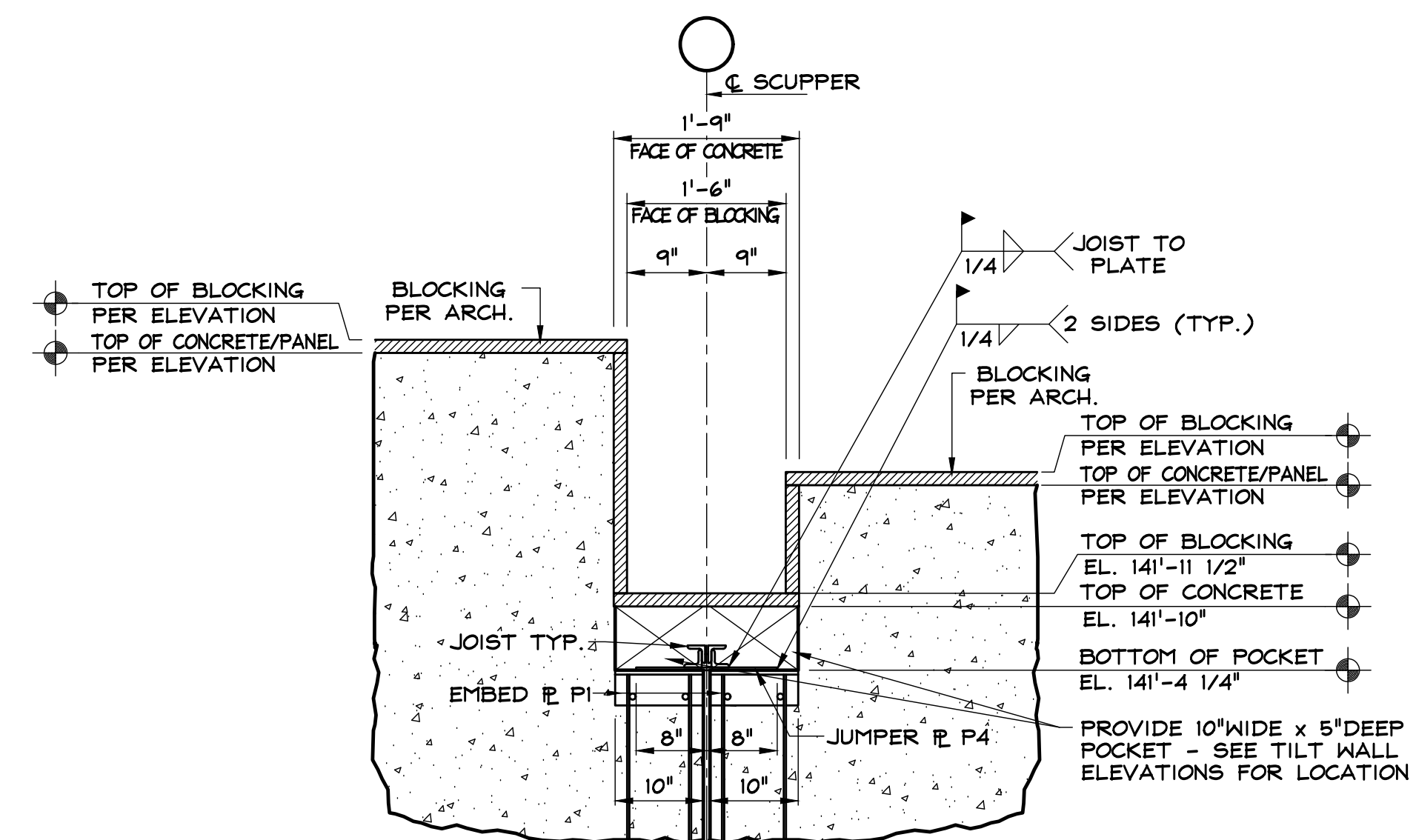
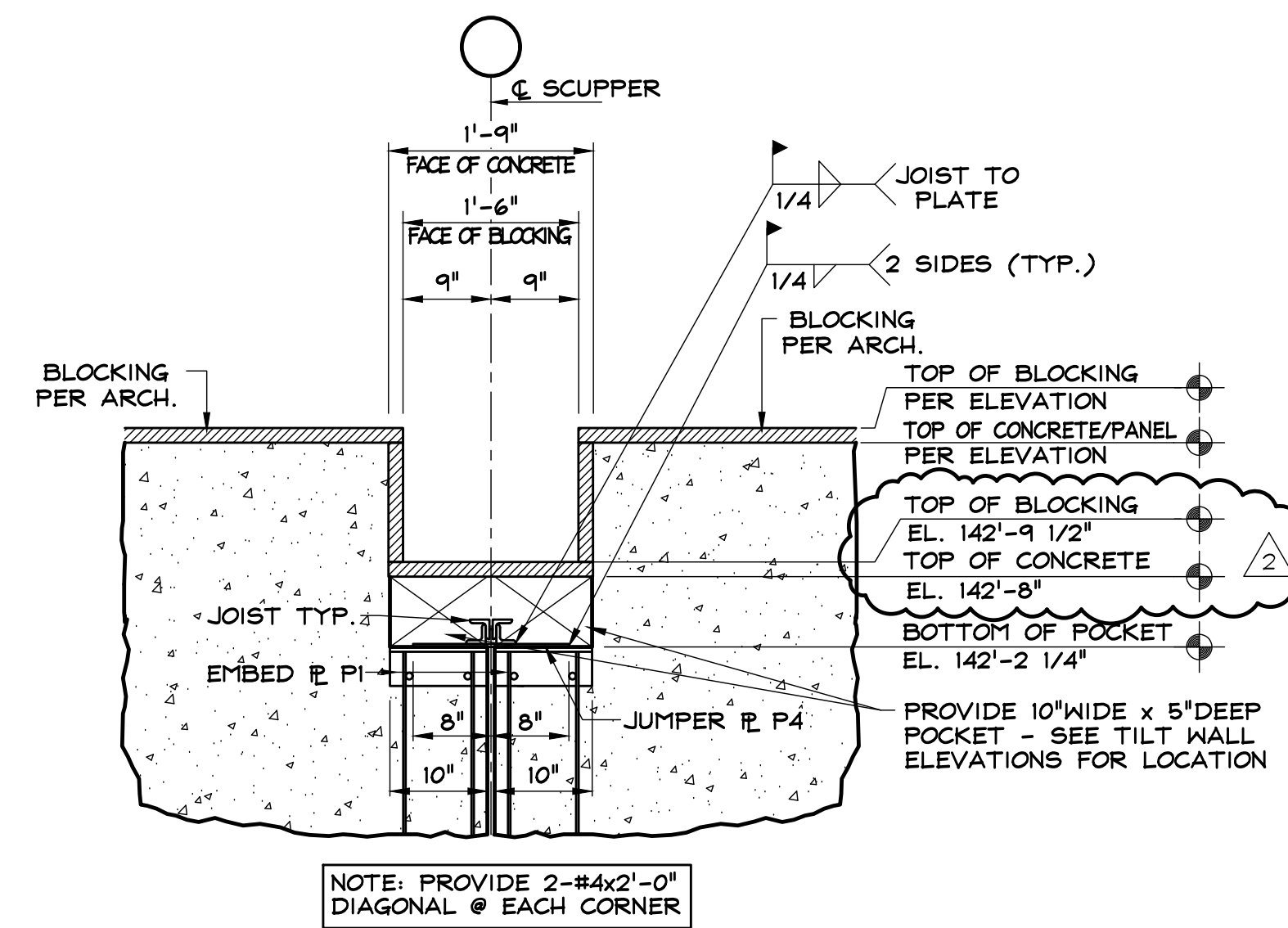
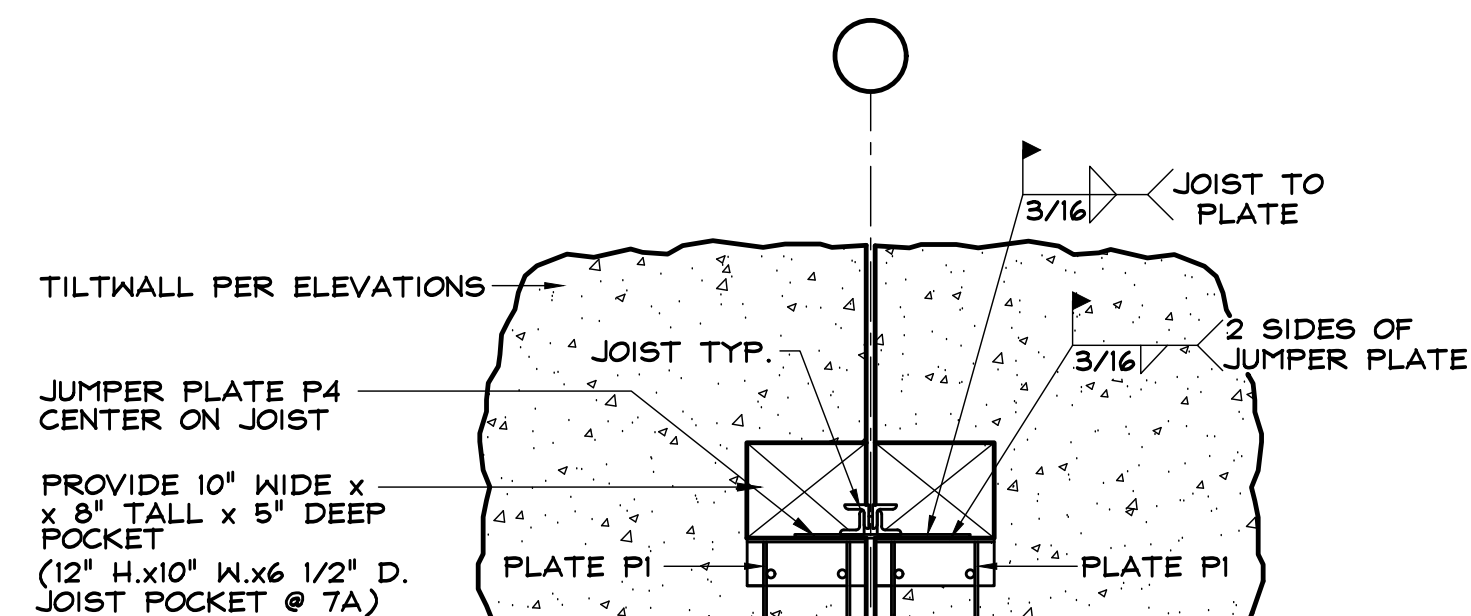
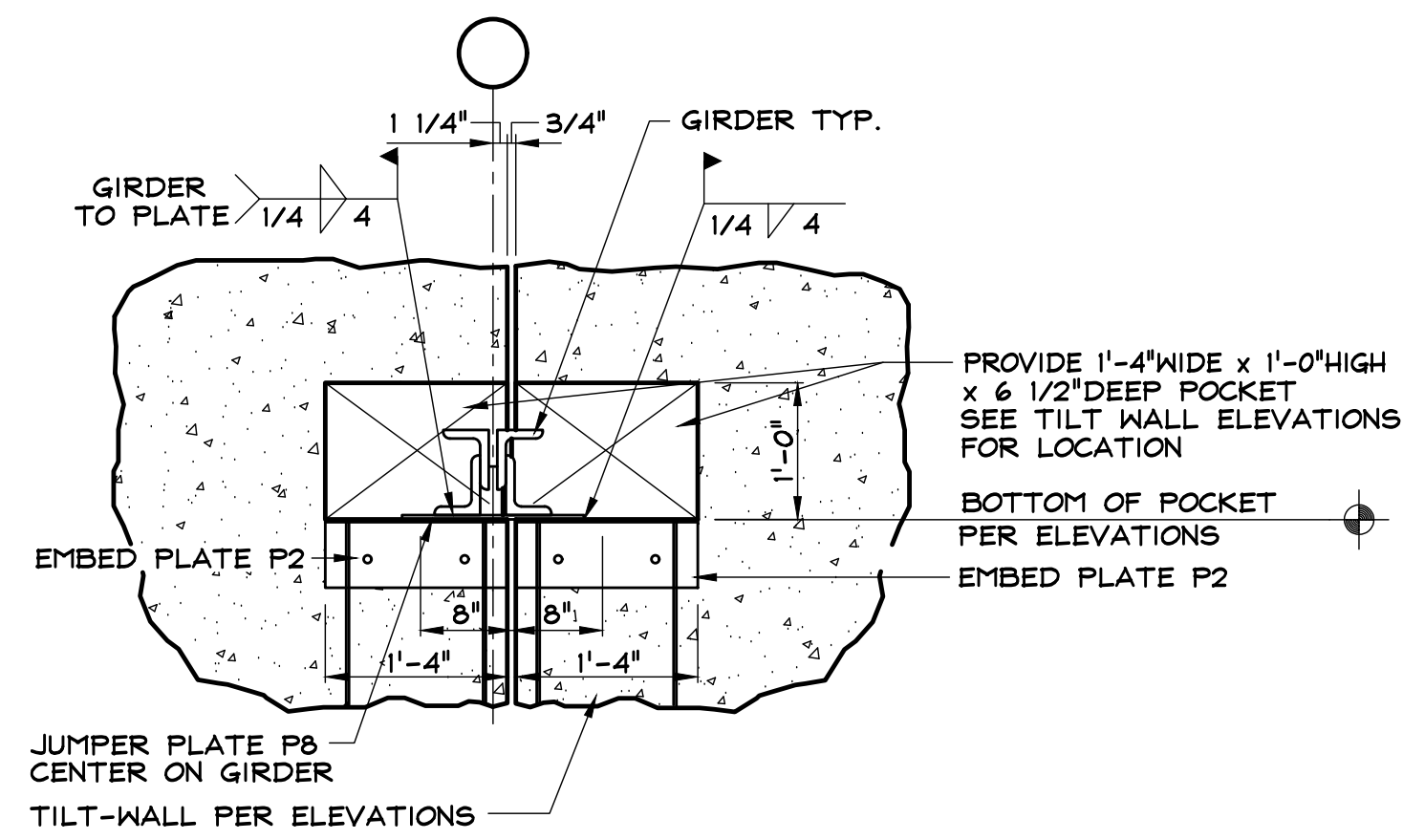
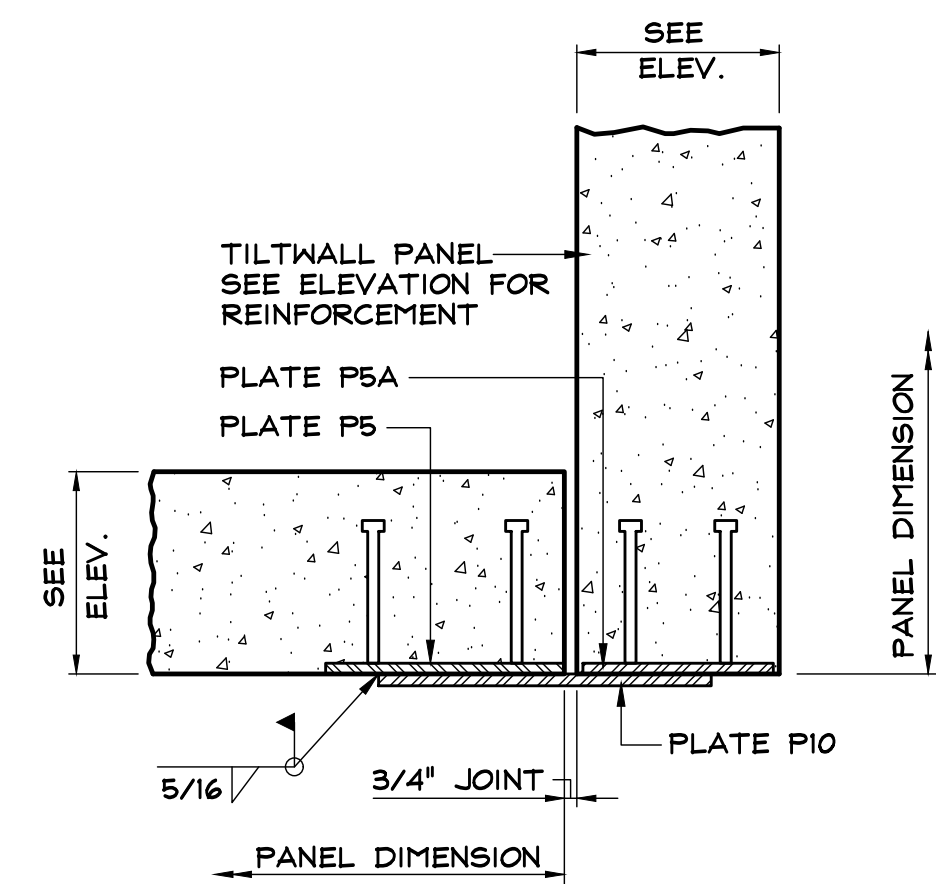
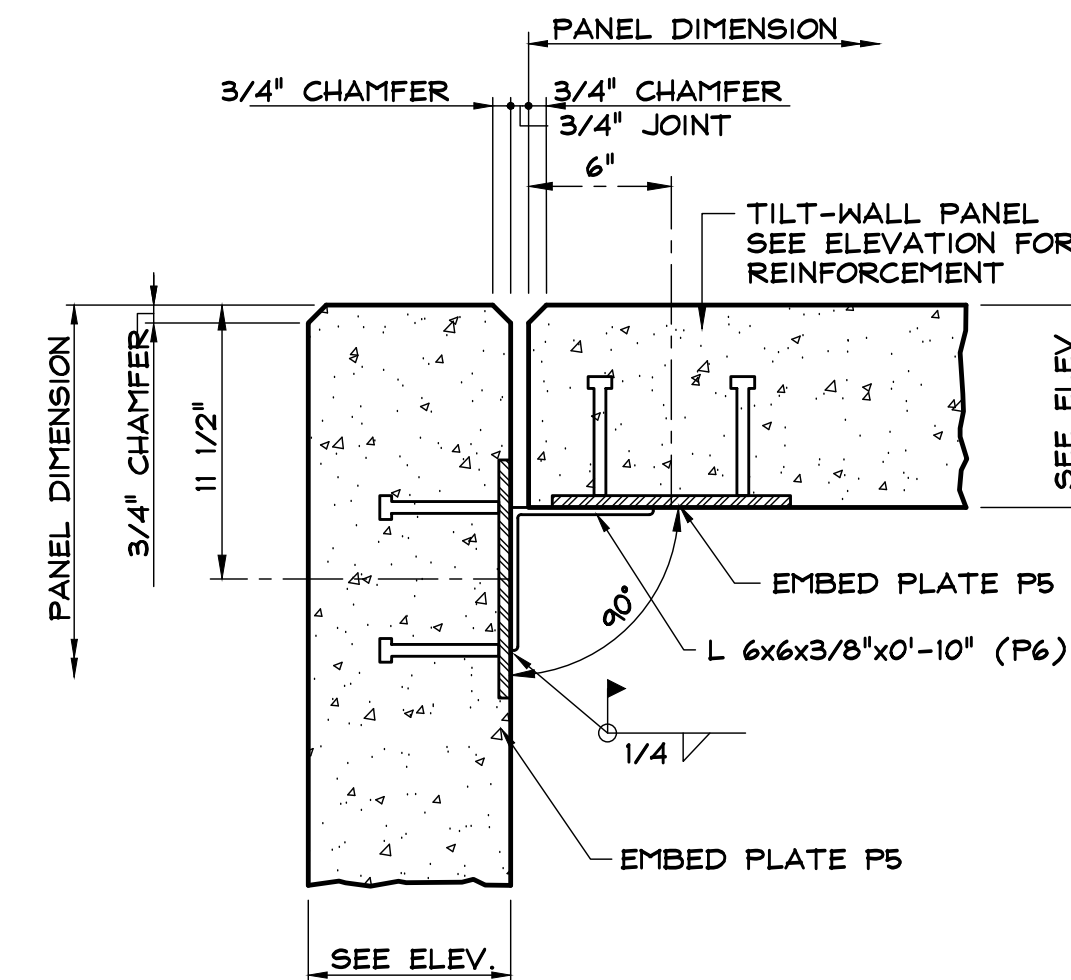
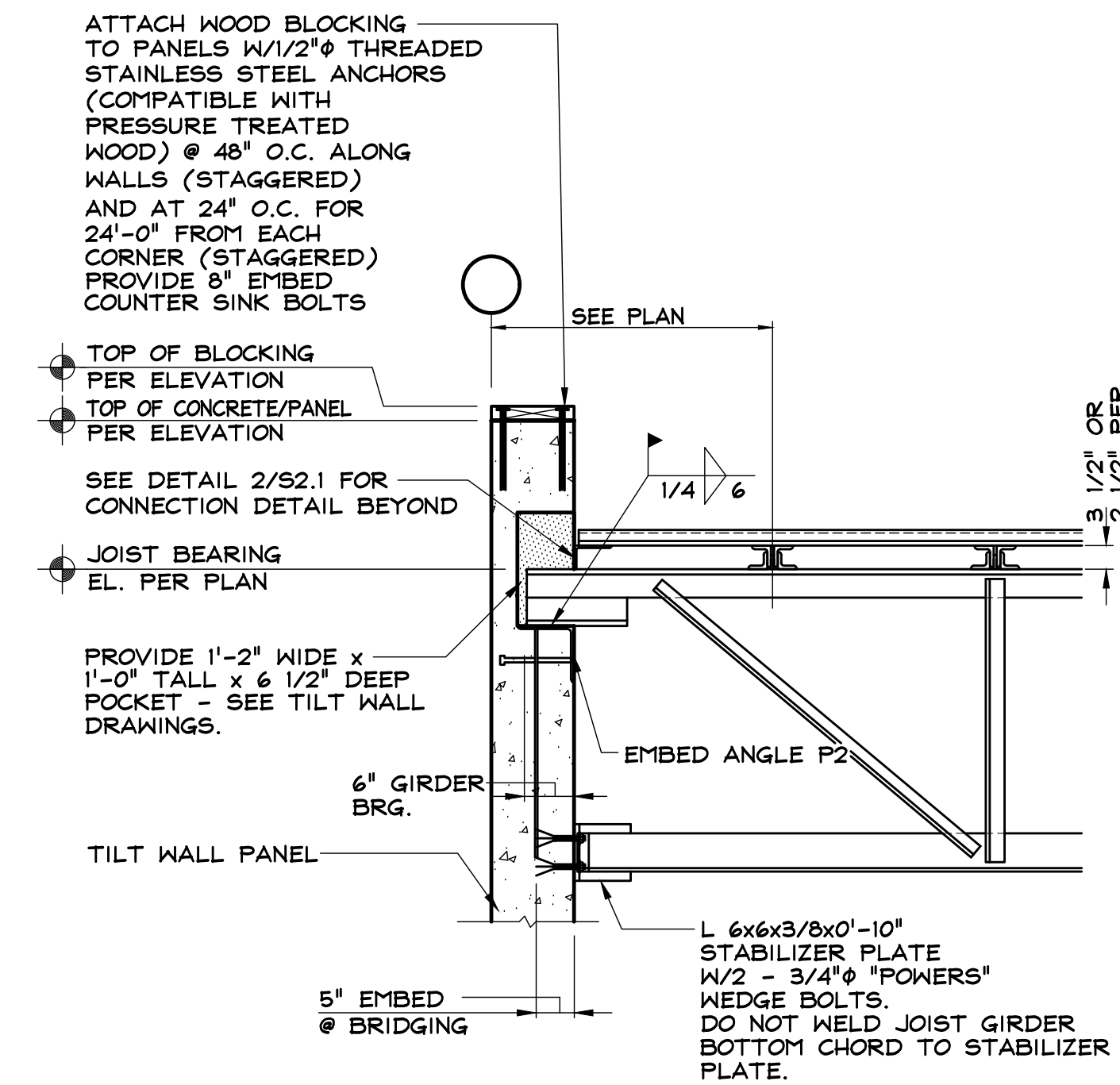
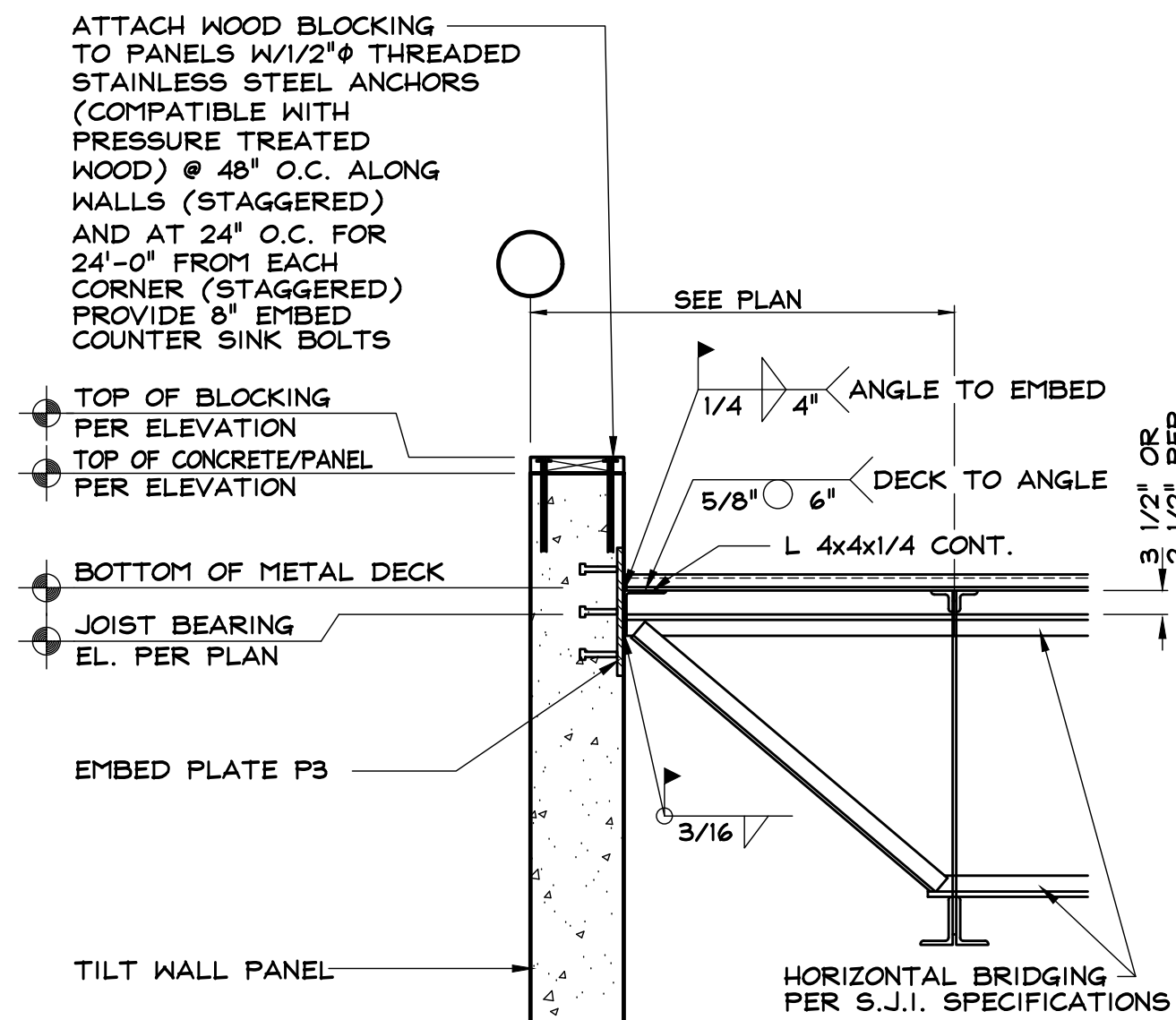
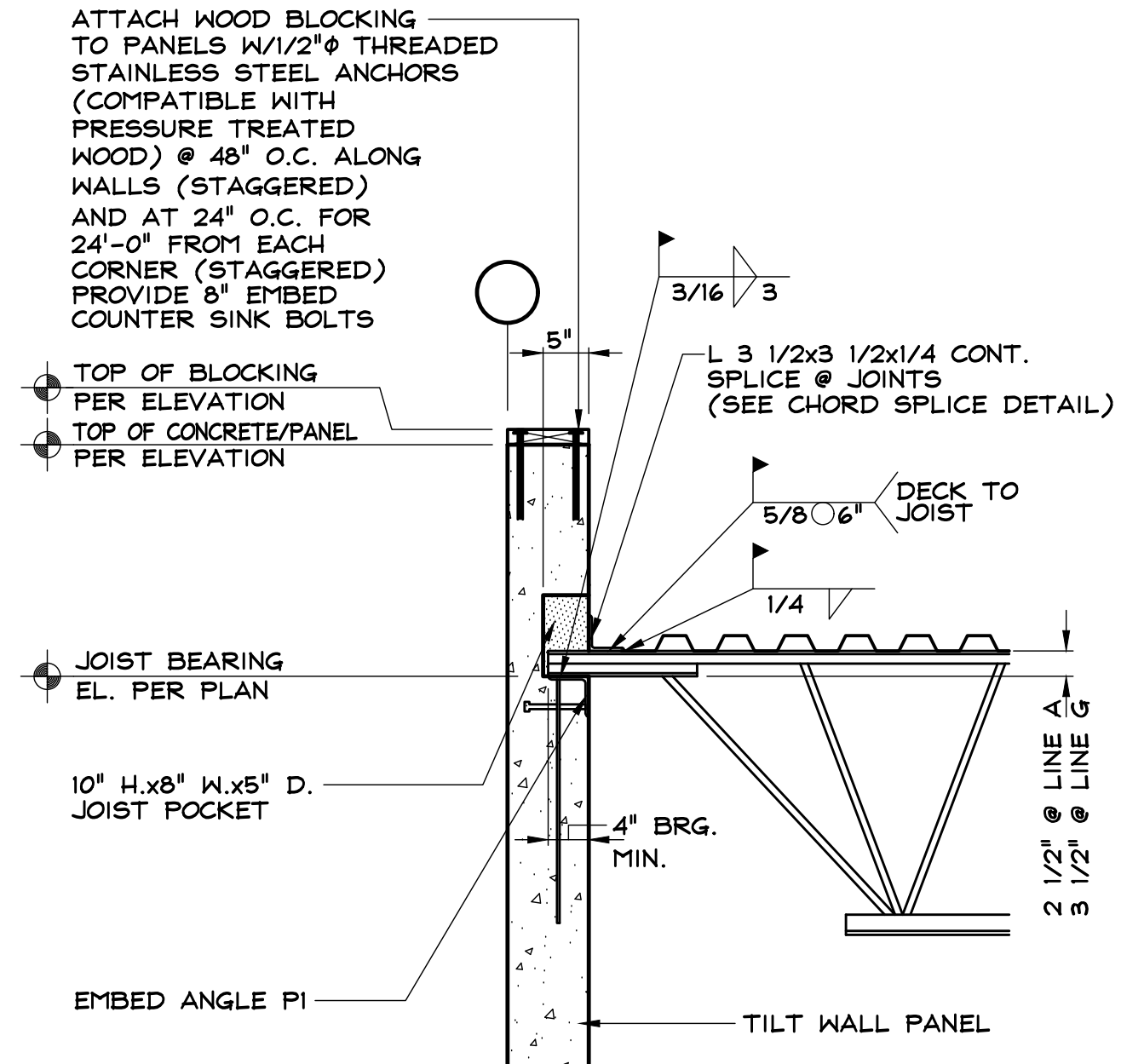
PROJECT NO.		DRAWN BY	
AS286-21 NY131 21-155		CEO	

SHEET TITLE
TILT WALL DETAILS

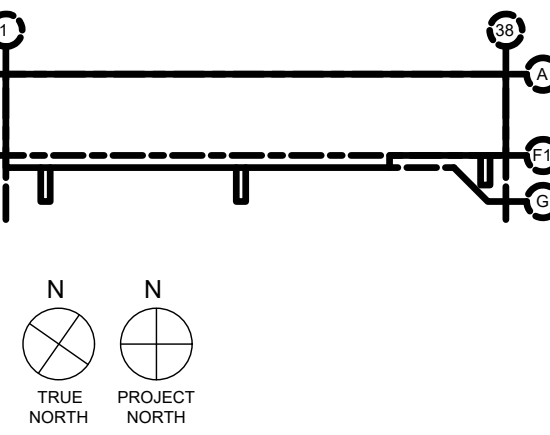
SHEET NO.

T2.1





KEY PLAN



SUBMITTALS		
NO.	DATE	DESCRIPTION
1	7.8.2022	PERMIT
2	9.30.2022	100% TILT WALL SET

PROJECT NO. AS286-21 | NY131 | 21-155
DRAWN BY CEO

SHEET TITLE
TILT WALL DETAILS

SHEET NO.
T2.2

TILT WALL PANEL NOTES

The tilt wall contractor shall review and verify all dimensions, openings, and weld plate connections. Report any discrepancies to the Structural Engineer prior to casting panels.

The panels are drawn viewed from the inside of the building, unless noted other wise and shall be cast with the exterior face down.

Concrete shall be normal weight Type II with a 28 day compressive strength of 4,000 psi. See specs for additional criteria. Concrete shall reach a minimum of 3,000 psi minimum compressive strength and 500 psi flexural strength minimum.

All reinforcing steel shall conform to ASTM A-615 Gr. 60.

Reinforcing steel to be welded shall conform to ASTM A706.

Casting slab shall be cured and sealed. Saw cuts, cracks, or joints shall be filled and leveled with a sealant to minimize transfer of lines to the exterior panel face.

The contractor shall be responsible for the compatibility of the curing agents, sealants, and releasing agents required for this project.

All burrs, honey comb and pockets shall be removed and repaired after erection.

The centerline of single mat steel shall coincide with the structural thickness of the panel. Panels with 2 layers of mat steel shall have a minimum of 1 1/4" at interior face, 1 3/4" @ exterior face. See panel drawings for reinforcing requirements. Chairs shall be all plastic.

Provide 2 - #5 continuous each face at the bottom, top, and sides of each panel and at the head, jams, and sill of each opening and future knock-out unless noted otherwise.

Provide 1-#5 x 3'-0" each face placed diagonally at the corner of each opening and at corner notches in the panels.

Exposed edges of panels shall be chamfered, except at the inside edge of overhead doors and where otherwise noted.

See Architectural drawings for panel finishes, reveals, chamfers, and details not shown. Unless otherwise indicated, All panels shall receive a steel troweled finish on the interior surface.

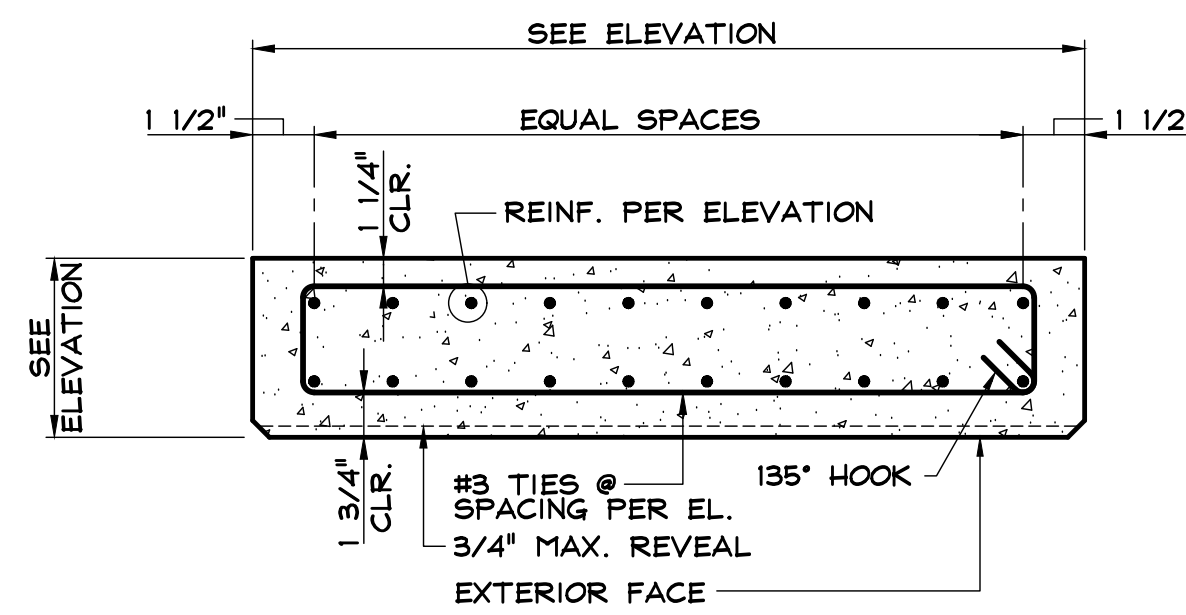
The panels have been designed for in service conditions only. The contractor shall be responsible for the panel lifting design and methods. No allowance has been provided for stress created in the panels during erection. The contractor shall have the panels investigated by a professional Engineer to design panel lifting system.

Lifting inserts visible after final construction shall be patched and finished. Holes in the slab on grade due to braces and/or nailing shall be patched and ground smooth.

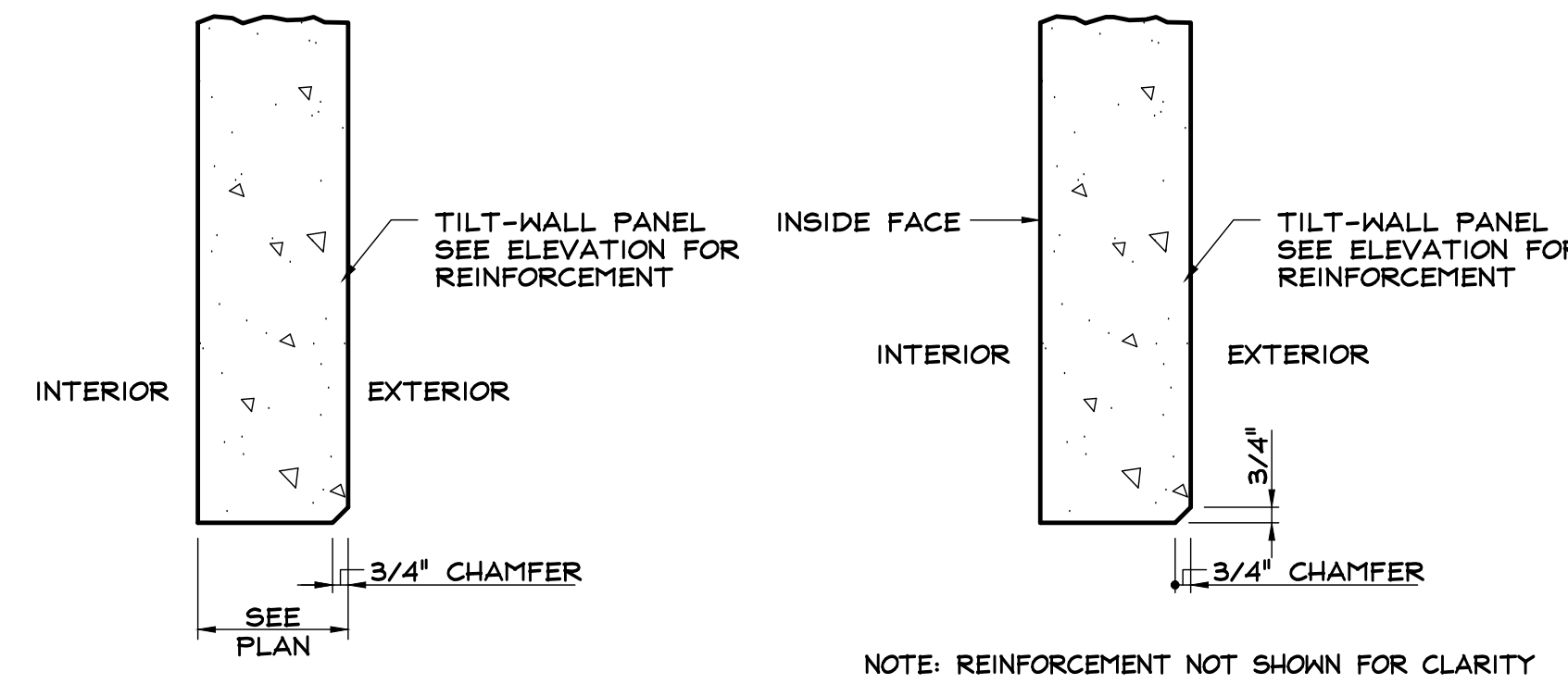
Temporary bracing of the panels shall not be removed until after the slab leave out has been poured and the roof diaphragm construction has been completed.

The contractor shall provide the following submittals:

1. Reinforcement layout
2. Embed layout
3. Additional reinforcement for panel erection
4. Erection hardware and lift Engineering

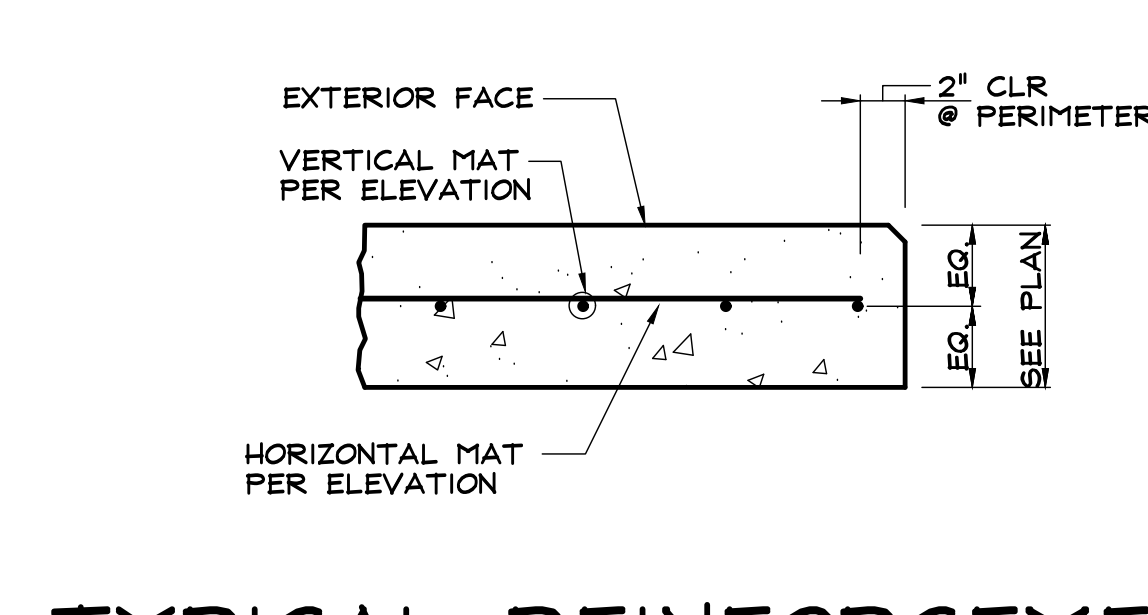


**TYP. PANEL LEG
DETAIL**
SCALE: NONE

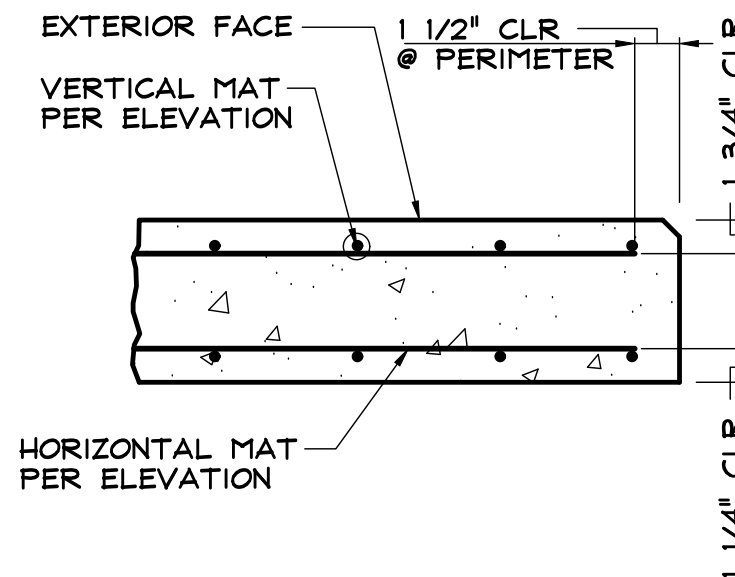


**TYPICAL EDGE
CONDITION @ OPNGS.**
SCALE: NONE

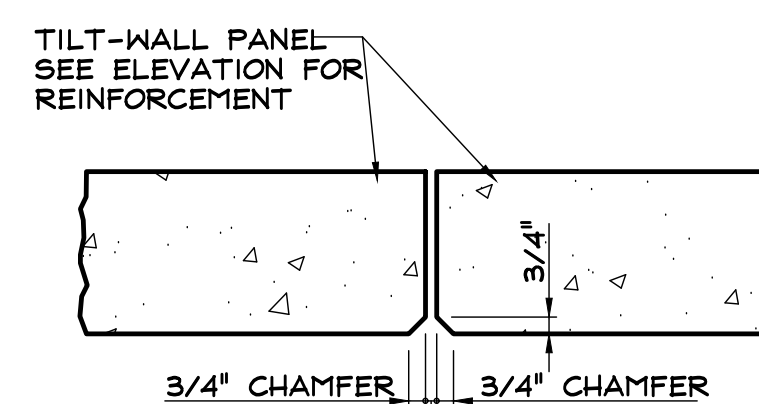
**TYP. OPENING
DETAIL @ JAMB**
SCALE: NONE



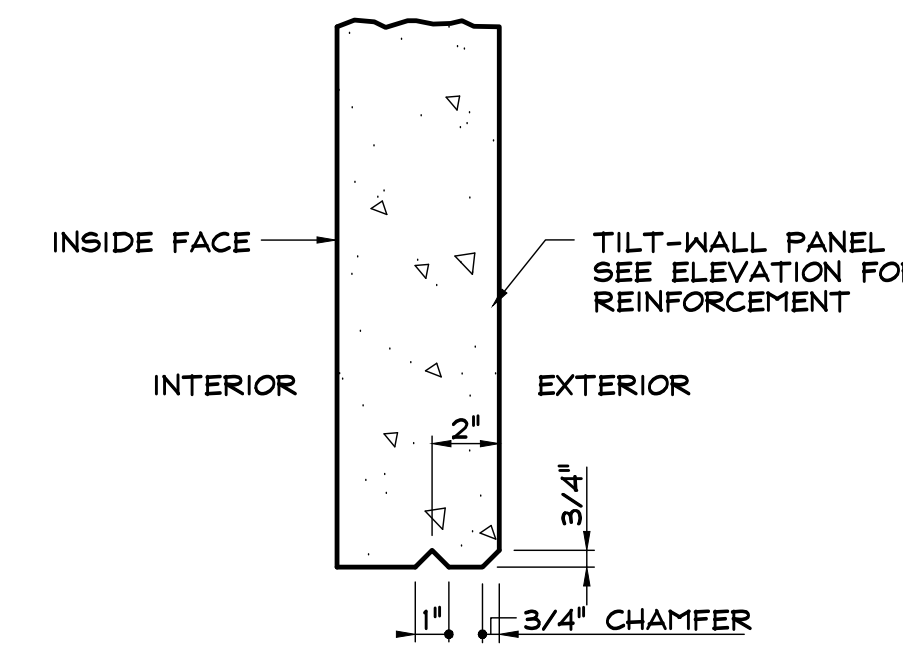
**TYPICAL REINFORCEMENT
SECTION AT PANEL WITH
1 LAYER OF STEEL**
SCALE: NONE



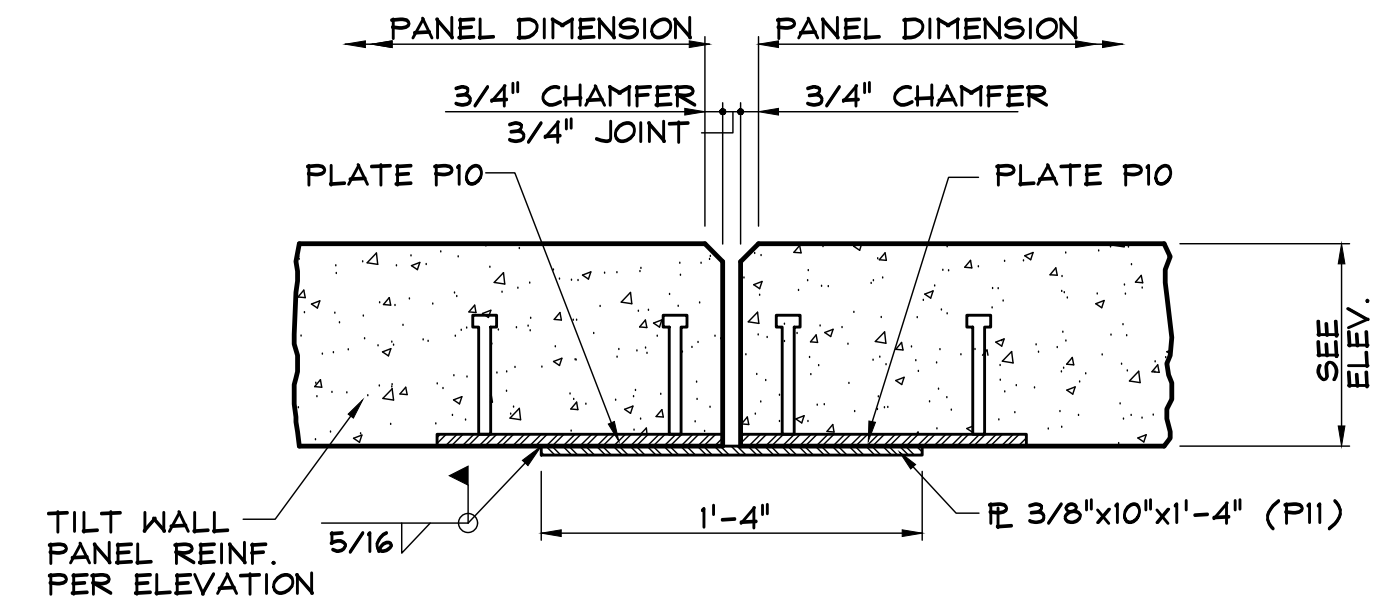
**TYPICAL REINFORCEMENT
SECTION AT PANEL WITH
2 LAYERS OF STEEL**
SCALE: NONE



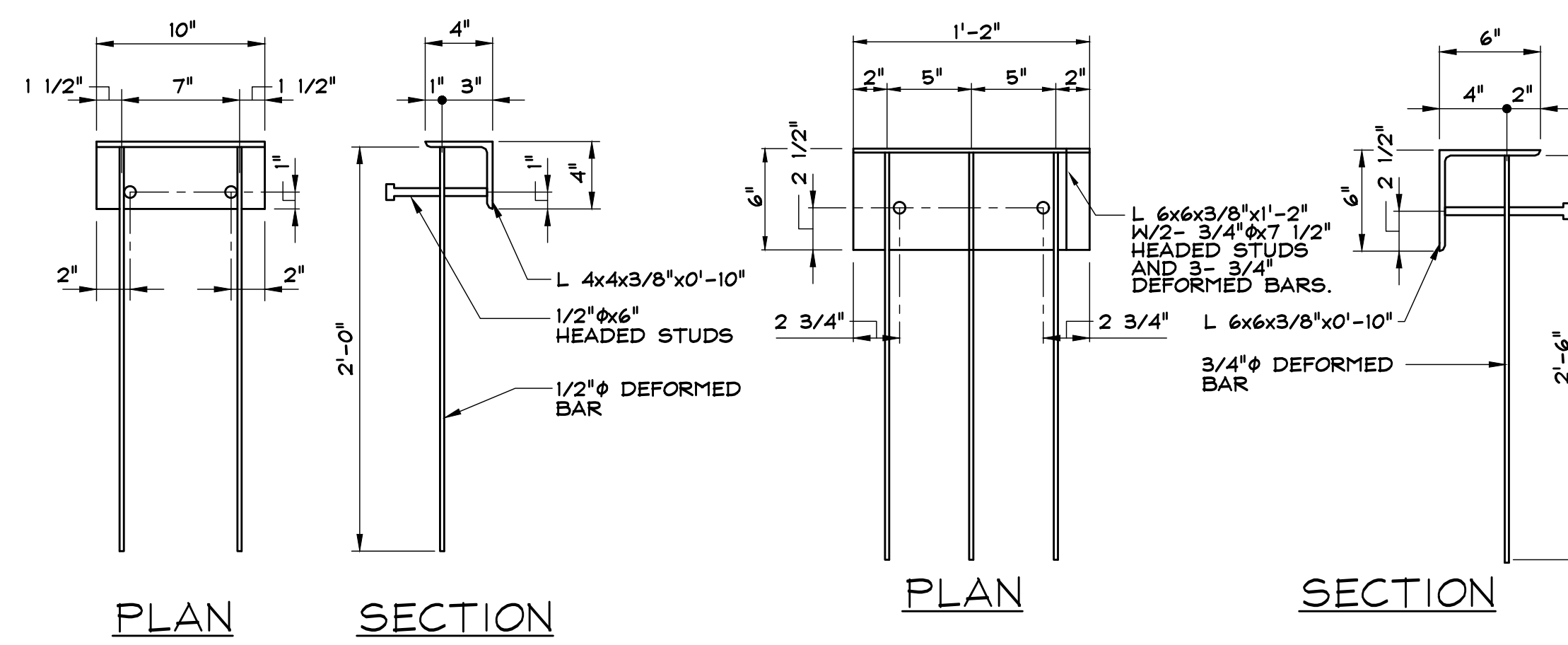
**TYP. PANEL
JOINT DETAIL**
SCALE: NONE



**TYP. OVERHEAD
DOOR HEAD DETAIL**
SCALE: NONE

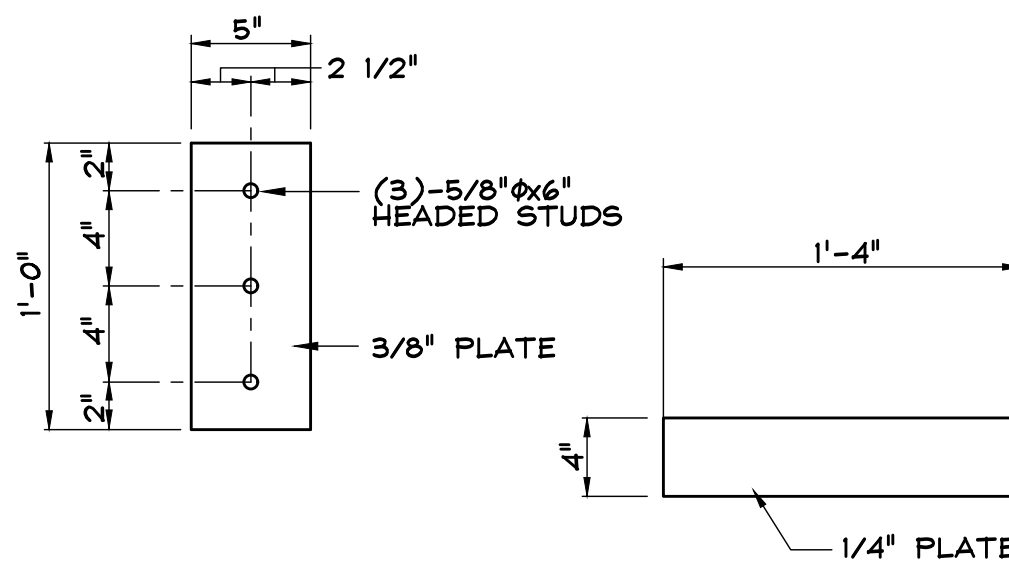


SECTION 1
SCALE: 1 1/2" = 1'-0"



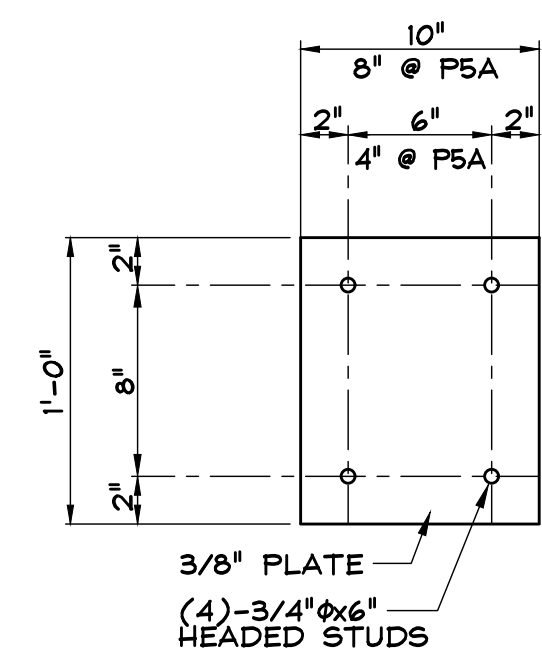
PLAN P1
SCALE: 1 1/2" = 1'-0"

PLAN P2
SCALE: 1 1/2" = 1'-0"

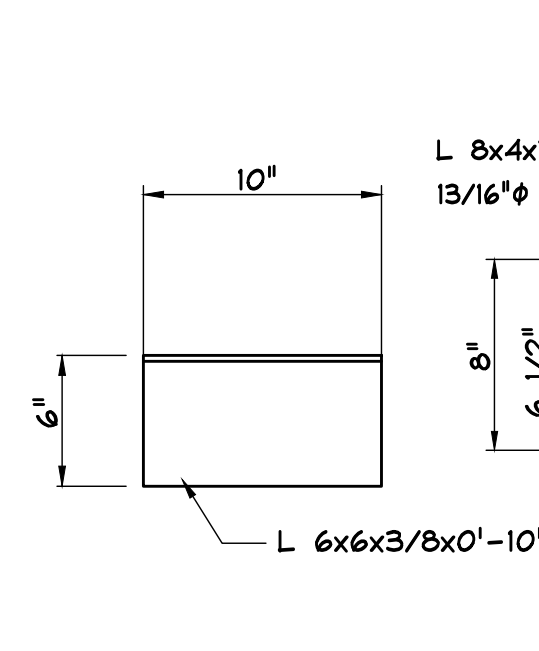


PLAN P3
SCALE: 1 1/2" = 1'-0"

PLAN P4
SCALE: 1 1/2" = 1'-0"

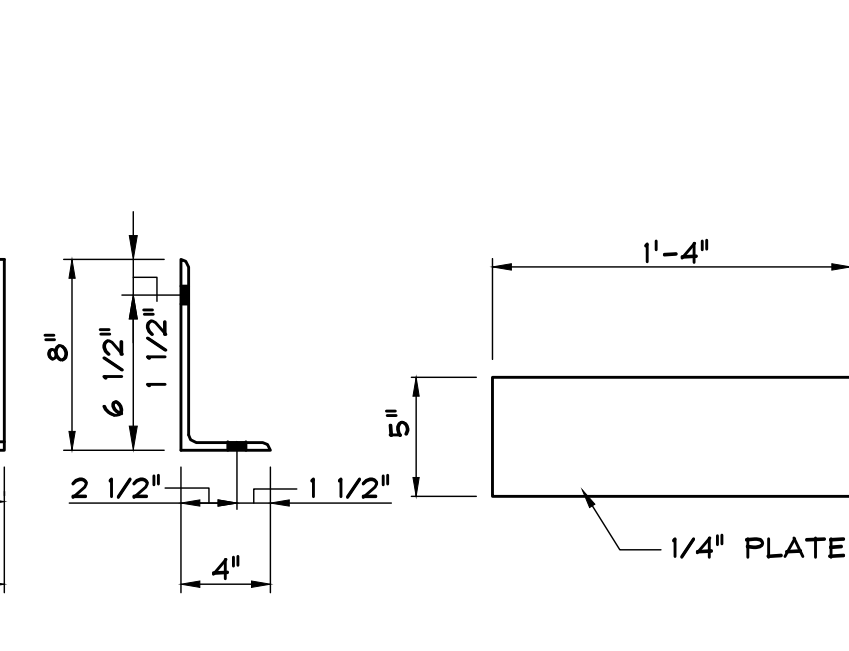


PLAN P5/P5A
SCALE: 1 1/2" = 1'-0"



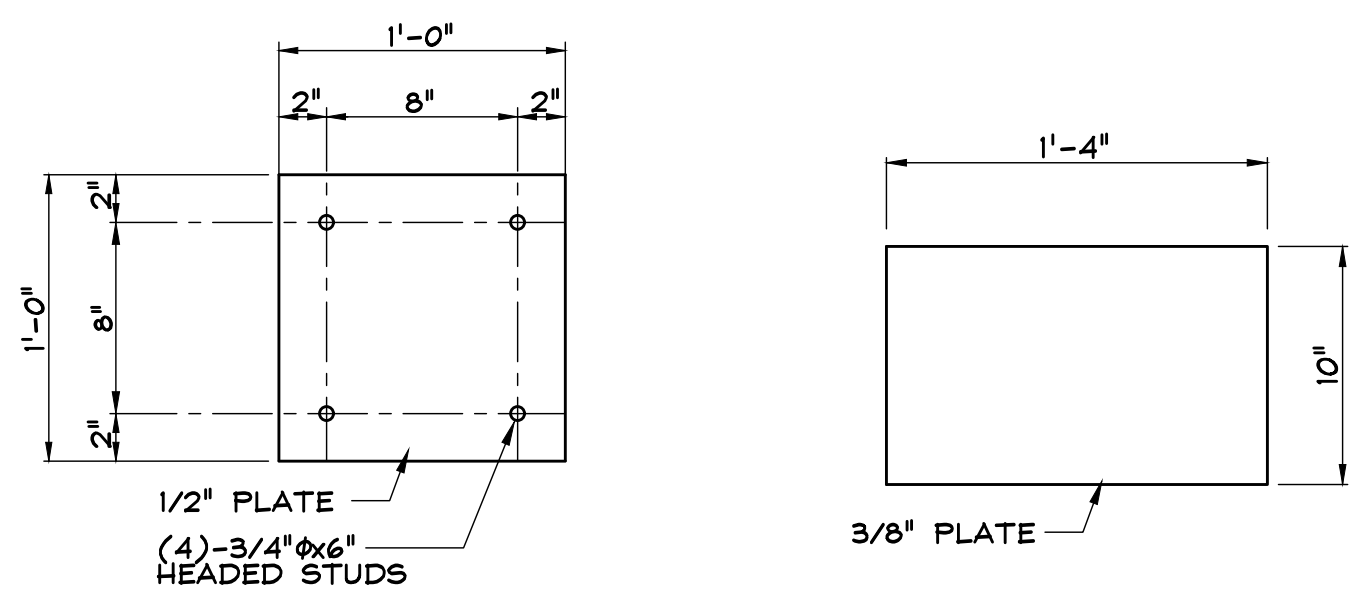
PLAN P6
SCALE: 1 1/2" = 1'-0"

PLAN P7
SCALE: 1 1/2" = 1'-0"



PLAN P8
SCALE: 1 1/2" = 1'-0"

PLAN P9
SCALE: 1 1/2" = 1'-0"



PLAN P10
SCALE: 1 1/2" = 1'-0"

PLAN P11
SCALE: 1 1/2" = 1'-0"

DESIGNER / BUILDER

ARCO
DESIGN/BUILD
INDUSTRIAL

44 SOUTH BROADWAY, SUITE 1003
WHITE PLAINS, NY 10601
P: 914.821.5535 F: 914.306.6010

ADBI / DESIGN
SERVICES

Lincoln Equities Group, LLC

PROJECT TITLE
**LINCOLN
EQUITIES -
NY-312 - BLDG B**

**NY-312 & PUGSLEY RD,
SOUTHEAST, NY 10509**

ARCHITECT
ADBI / DESIGN SERVICES LLC
44 SOUTH BROADWAY, SUITE 1003
WHITE PLAINS, NY 10601

CIVIL ENGINEER
LANGAN ENGINEERING
300 KINGSLEY DRIVE
PARSHIPPANY, NJ 07054

STRUCTURAL ENGINEER
SMITH/ROBERTS AND ASSOCIATES, INC.
6501 BLUFF RD.
INDIANAPOLIS, INDIANA 46217

MECHANICAL ENGINEER
NATIONAL DESIGN BUILD SERVICES
11840 BORMAN DRIVE
ST. LOUIS, MO 63146

ELECTRICAL ENGINEER
PXB ENGINEERING
5 CHRISTY DRIVE, SUITE 307
CHADDS FORD, PA 19317

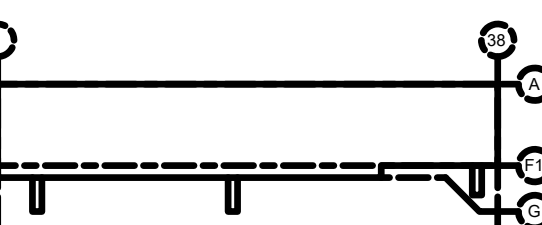
PLUMBING ENGINEER
MCCARTHY ENGINEERING ASSOCIATES,
INC.
315 EAST SECOND STREET
BOYERTOWN, PA 19512

FIRE PROTECTION ENGINEER
S A COMUNALE CO. INC.
2900 NEWPARK DRIVE
BARBERTON, OH 44203

SEAL



KEY PLAN



SUBMITTALS		
NO.	DATE	DESCRIPTION
1	7.8.2022	PERMIT
2	9.30.2022	100% TILT WALL SET

PROJECT NO. AS286-21 | NY131 | 21-155
DRAWN BY CEO

SHEET TITLE
TILT WALL DETAILS

SHEET NO.

T2.3