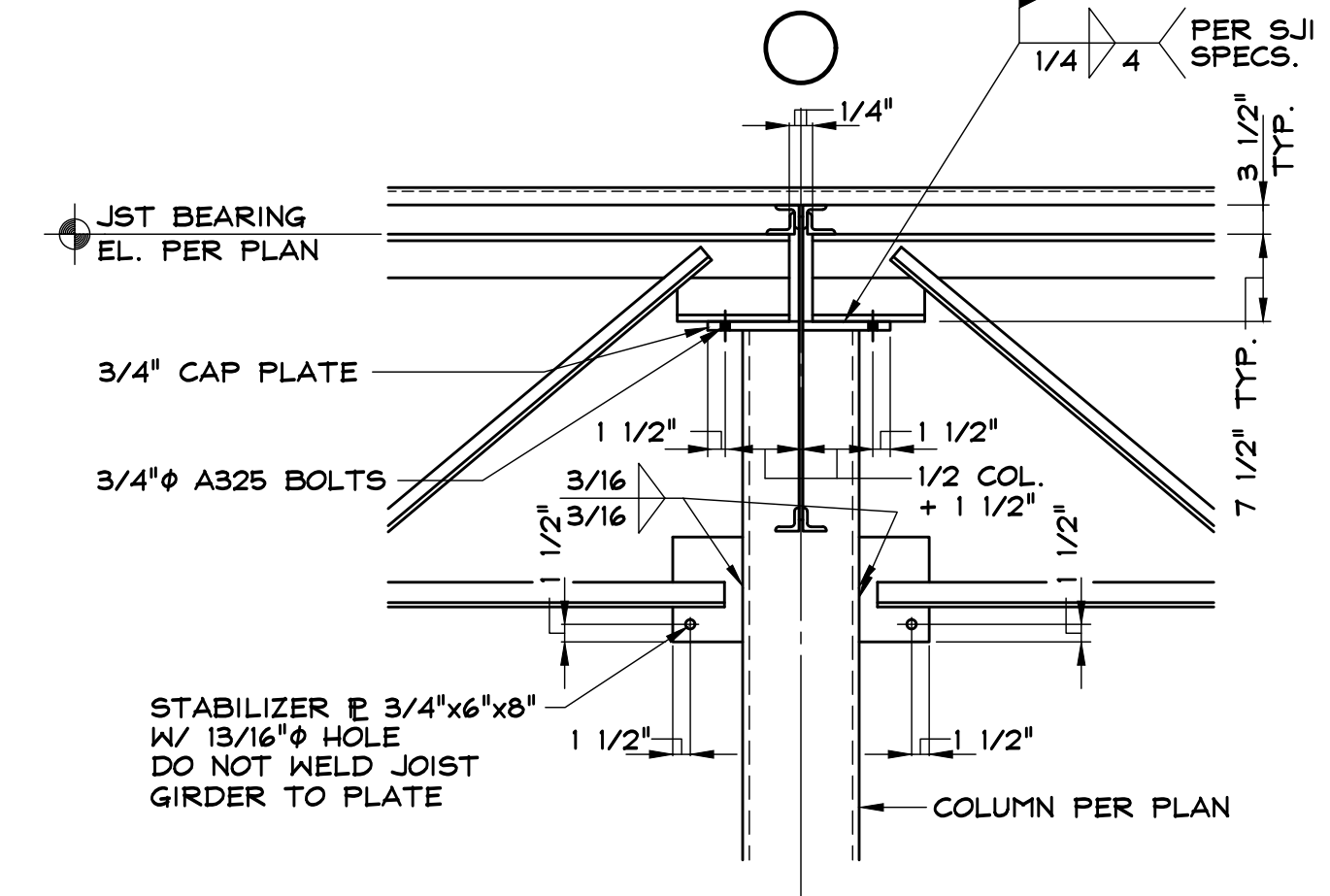
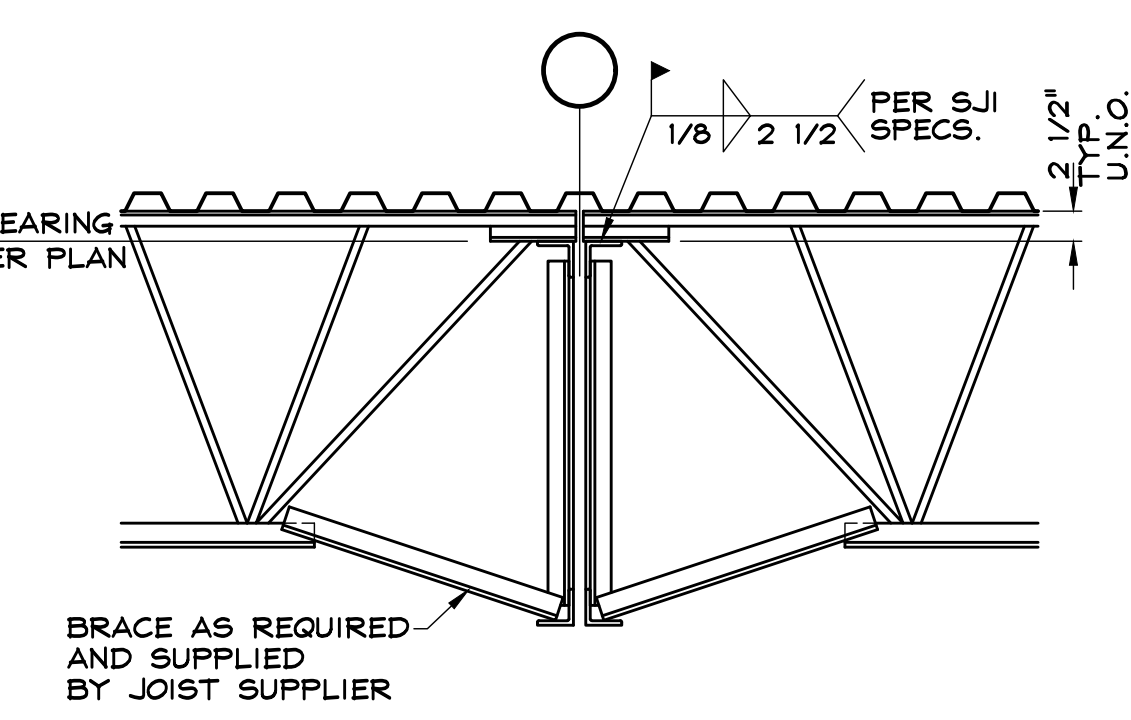
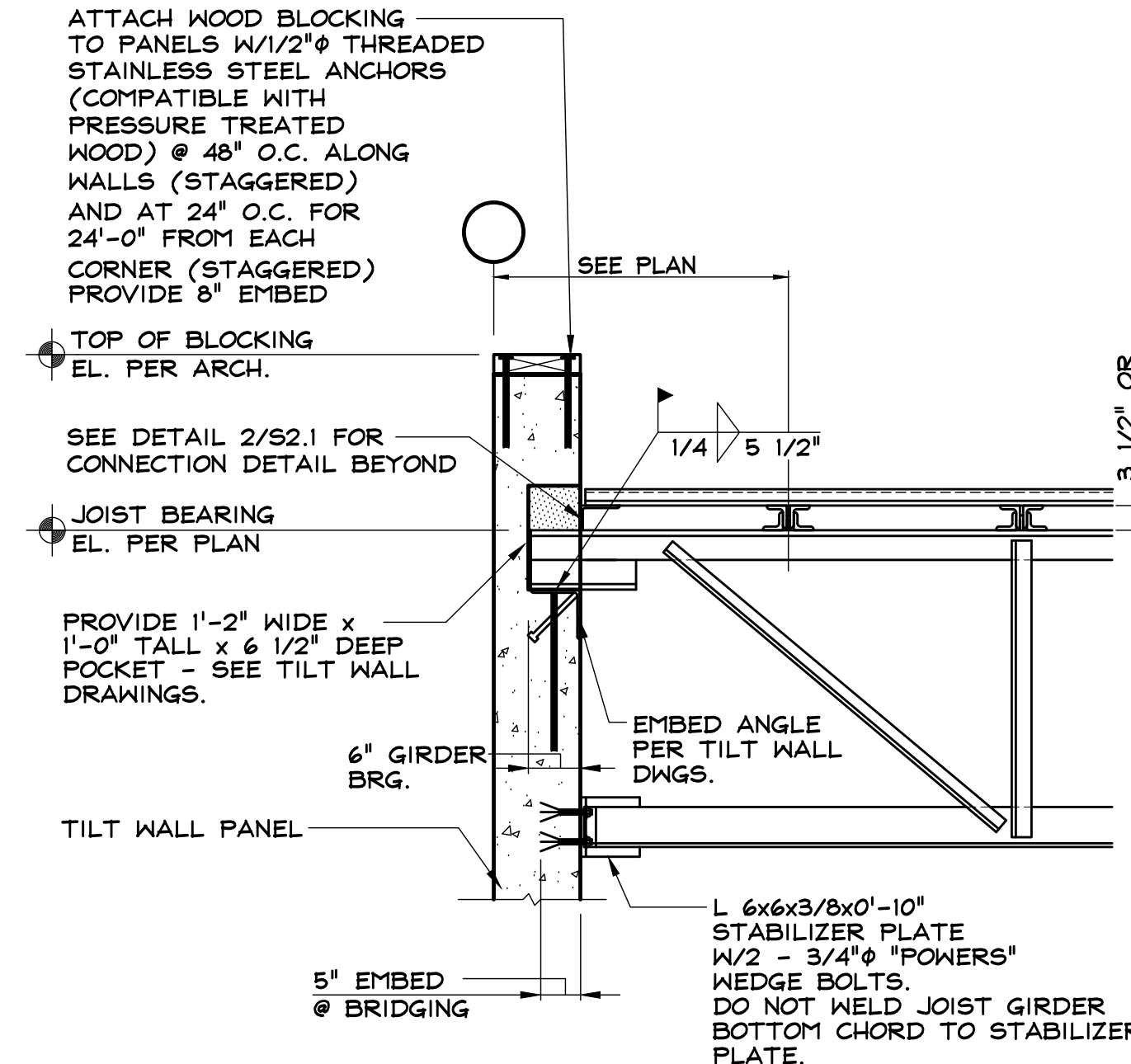


NOTE: BAR JOIST ADJACENT TO PANEL TO BE DESIGNED FOR NO CAMBER



DESIGN JOIST SEAT FOR 1,600 LB ROLL OVER FORCE

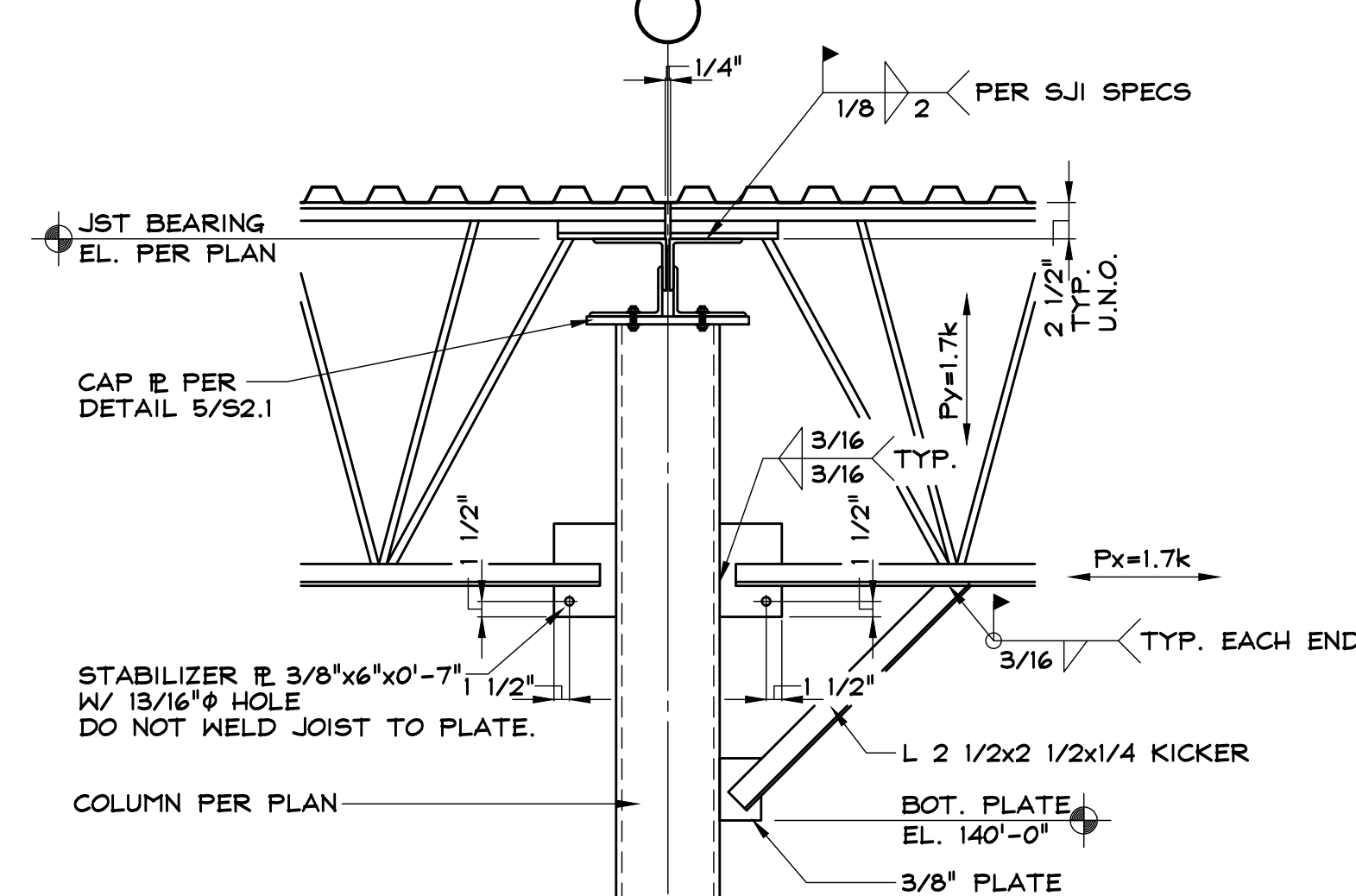
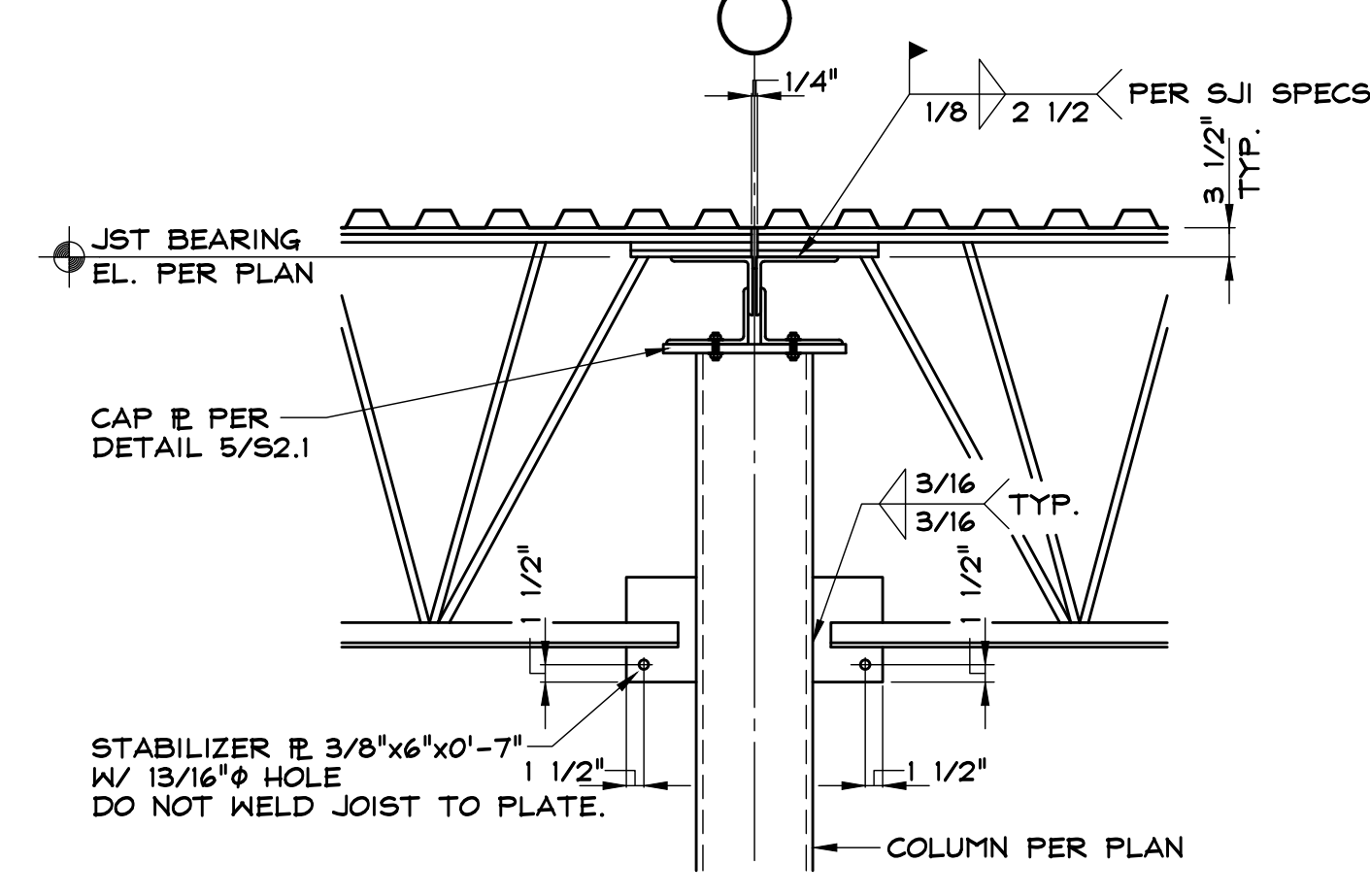
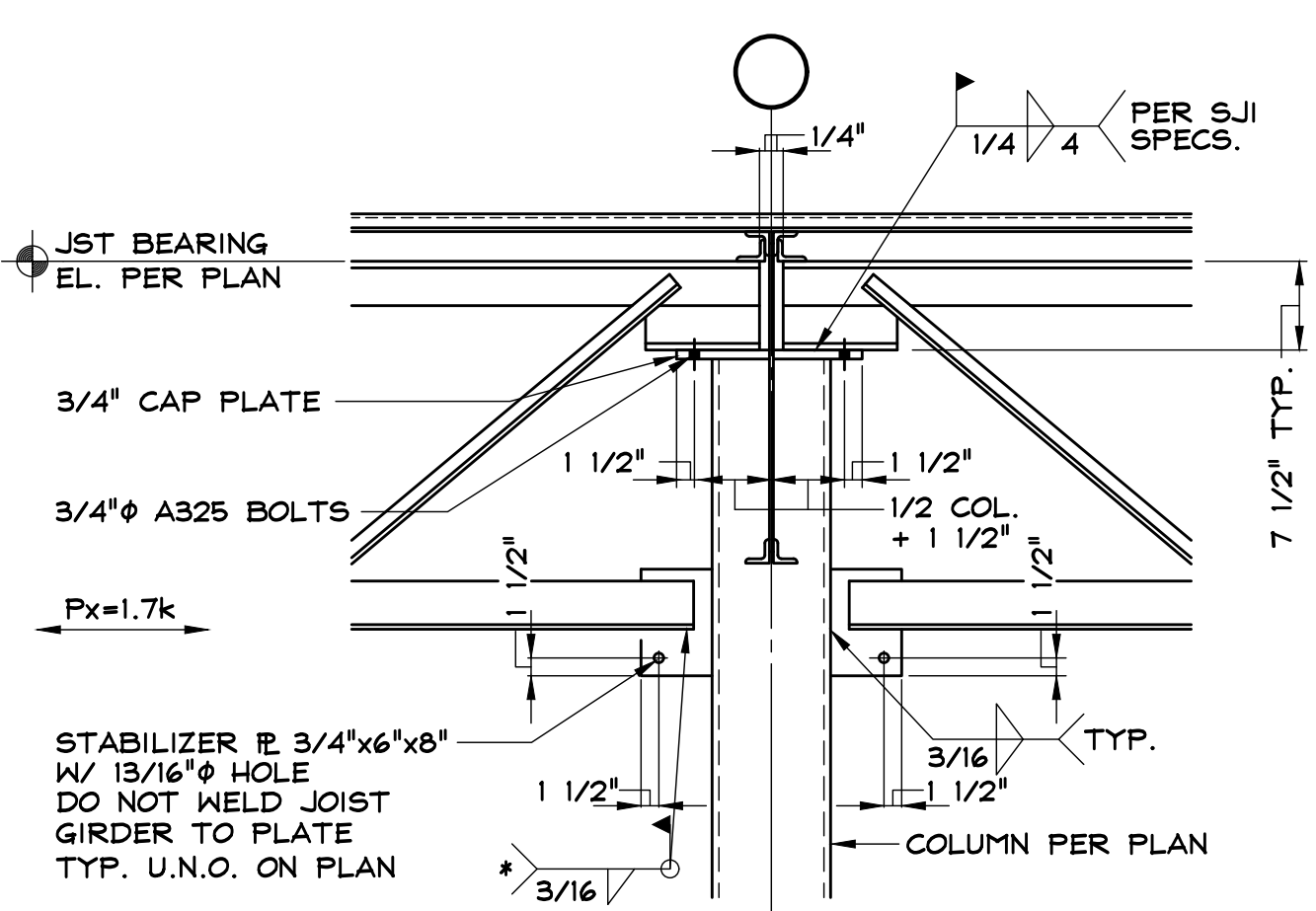
SECTION 1
SCALE: 3/4" = 1'-0"

SECTION 2
SCALE: 3/4" = 1'-0"

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

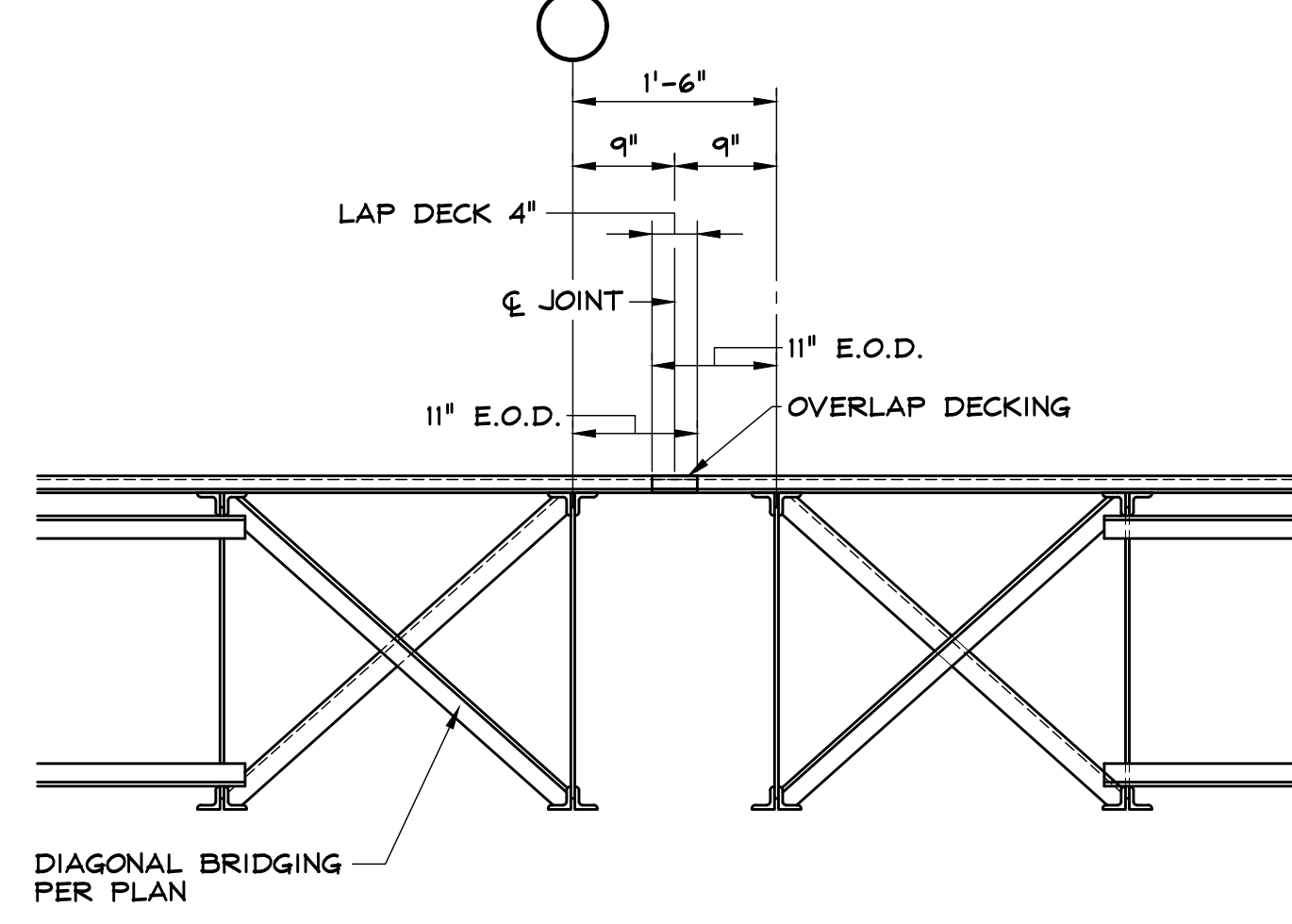
SECTION 4
SCALE: 3/4" = 1'-0"

SECTION 5
SCALE: 3/4" = 1'-0"

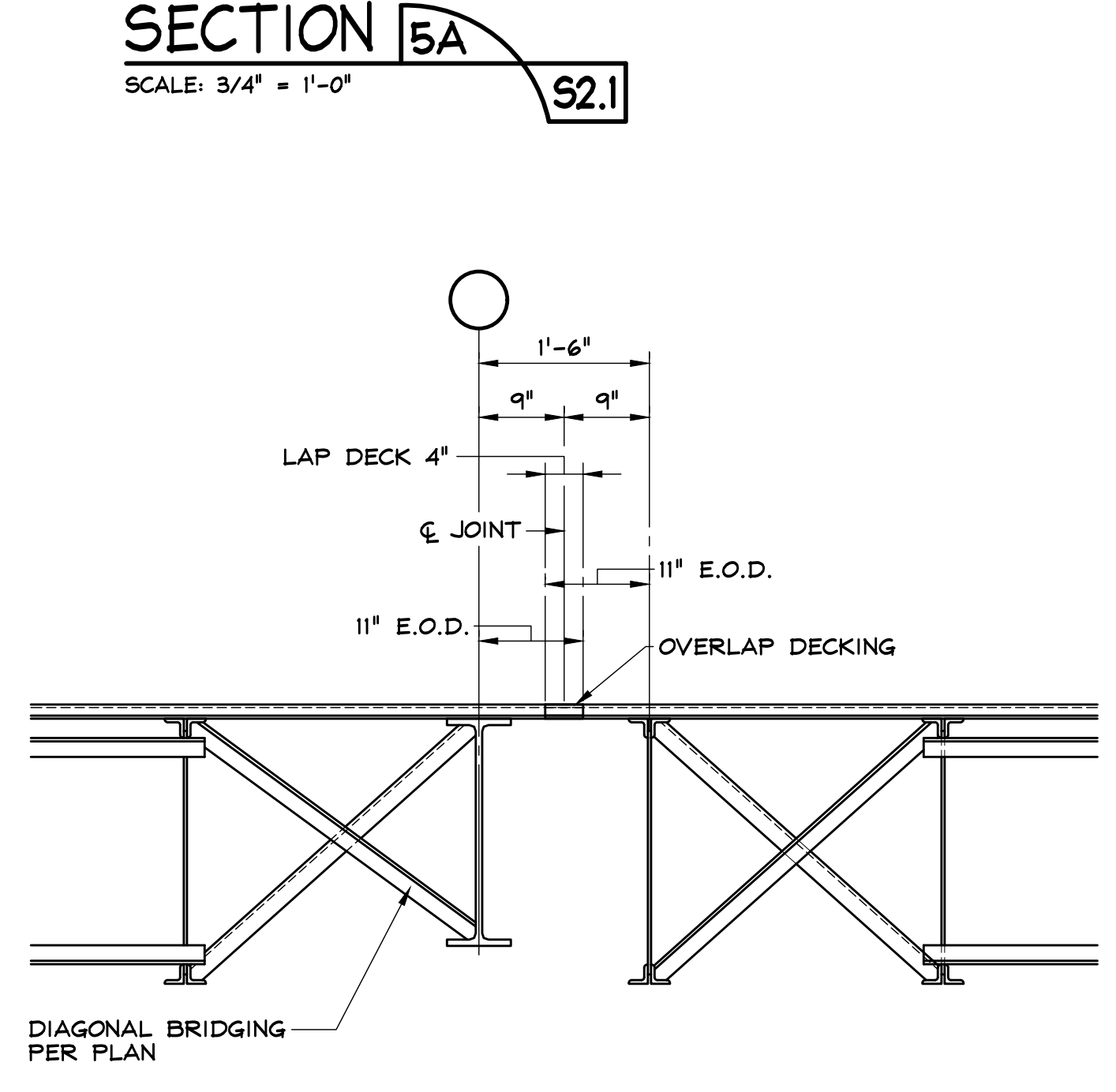


* WELD L 2 1/2x2 1/2x1/4 KICKER FROM CLOSEST BOTTOM CHORD PANEL POINT TO PLATE CENTERED ON COLUMN @ 136'-0" A.F.F. SEE PLAN FOR LOCATIONS.

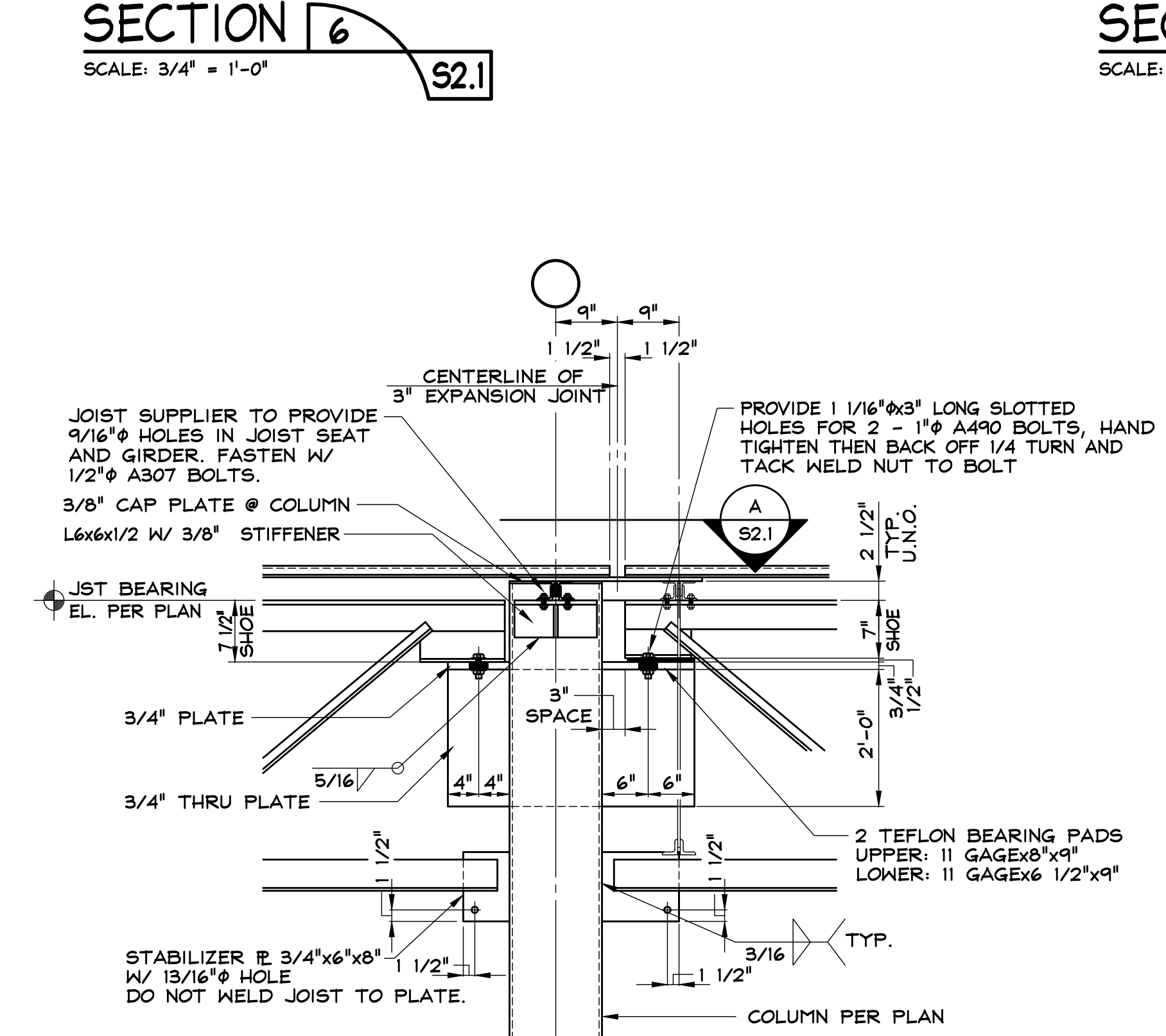
Px & Py = BRACING FORCE REQUIRED FOR COLUMN (2% OF COLUMN LOAD TYP.)



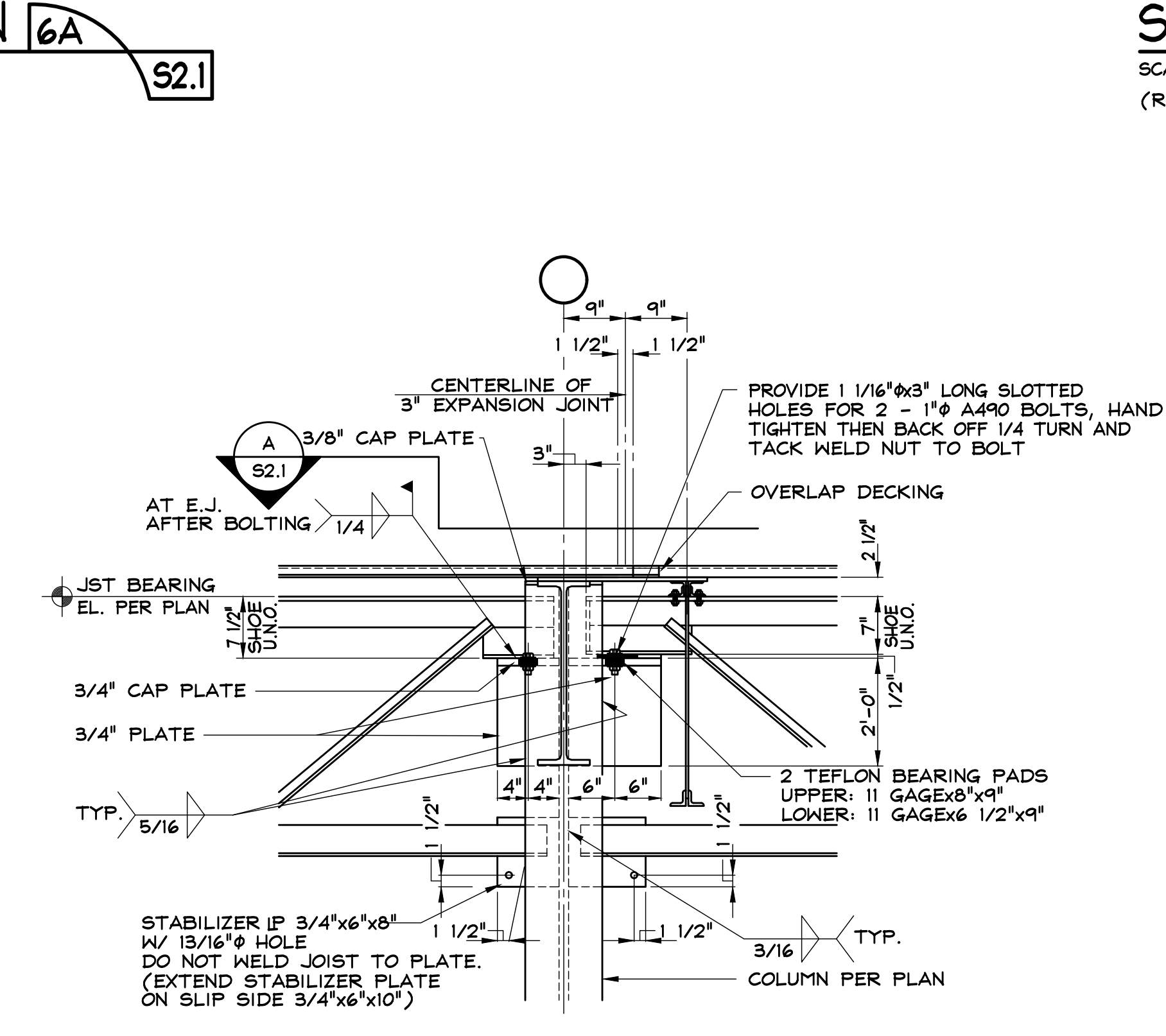
SECTION 7
SCALE: 3/4" = 1'-0"
(REF: ARCO DET 8/95)



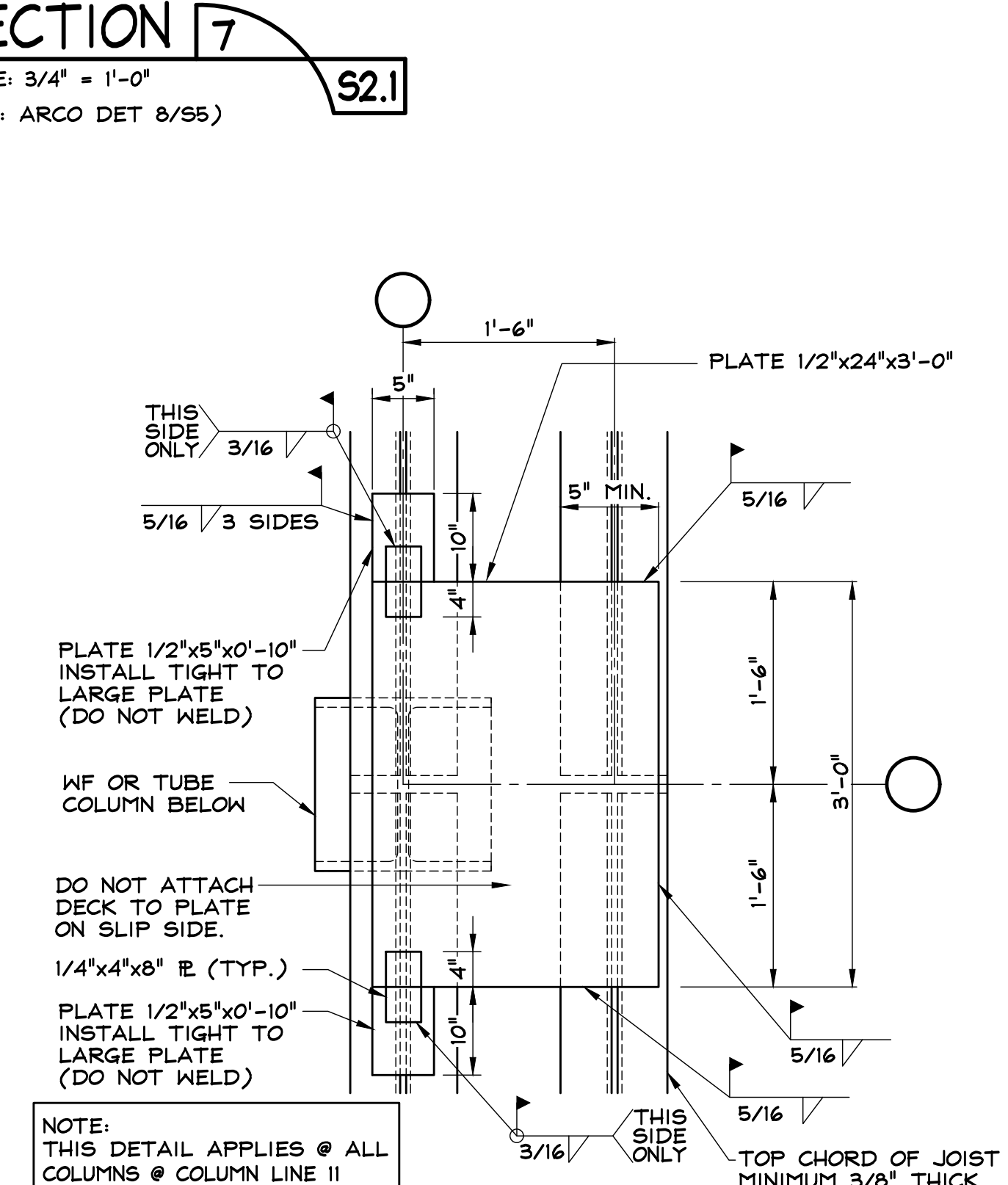
SECTION 8
SCALE: 3/4" = 1'-0"



SECTION 9
SCALE: 3/4" = 1'-0"



SECTION 10
SCALE: 3/4" = 1'-0"



DETAIL A
SCALE: NONE

DESIGNER / BUILDER

ARCO

DESIGN/BUILD INDUSTRIAL

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

PROJECT TITLE

LINCOLN EQUITIES - NY-131- BLDG A

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
PARSONS, NY 10754

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

FXB 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

ADBI / DESIGN SERVICES

Lincoln Equities Group, LLC

PROJECT TITLE

LINCOLN EQUITIES - NY-131- BLDG A

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
PARSONS, NY 10754

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

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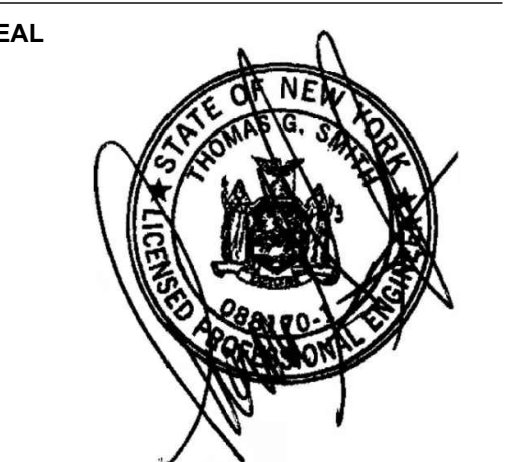
FXB ENGINEERING
5 CHRISTY DRIVE, SUITE 307
CHADDS FORD, PA 19317

PLUMBING ENGINEER

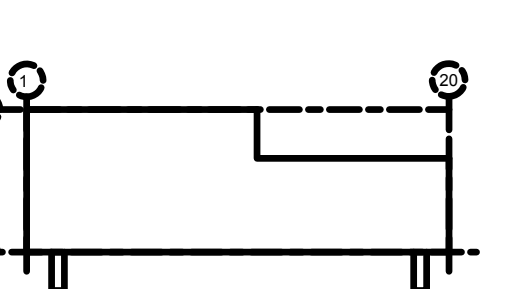
MCCARTHY ENGINEERING ASSOCIATES, INC.
315 EAST SECOND STREET
BOYERTOWN, PA 19512

FIRE PROTECTION ENGINEER

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



THOMAS G. SMITH | NY: 042283



SUBMITTALS		
NO.	DATE	DESCRIPTION
12.08.21		PROGRESS
1.28.22		PROGRESS
2.28.22		95% PROGRESS
3.9.22		100% PROGRESS
5.24.22		PUMP HOUSE
6.9.22		PERMIT
7.8.22		FTG STEPS & JOIST SEAT @ A

PROJECT NO. AS286-21 | NY131 | 21-154
DRAWN BY DTC

SHEET TITLE

STRUCTURAL DETAILS

SHEET NO.

S2.1