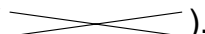
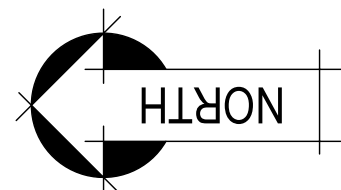




1. COLOR CODE: RED.
2. SEE SHEET J1 FOR GENERAL FRAMING NOTES.
3. SEE SHEET J4 FOR FRAMING DETAILS.
4. (XXX'YYY) LOADS SHOWN ON ROOF JOIST FRAMING PLANS ARE:
TOTAL DESIGN LOAD IN PLF/ SNOW LOAD IN PLF (ON JOISTS)
LOADS ARE IN KIPS (ON GIRDERS)
- 4a. VERIFY ALL DESIGN LOADS NOTED ON STEEL ENCOUNTERS' SHEET J1 AND J2
ARE CORRECT AS SHOWN. ONLY THE LOADS ON J1, J2 AND J4 WILL BE INCORPORATED INTO THE
JOIST AND GIRDER DESIGN.
S.E.O.R: PLEASE DO NOT WAIT FOR JOIST CALCULATIONS BEFORE REVIEWING
DESIGN INPUT SHOWN ON THESE J DRAWINGS.
5. CONTRACTOR & OR ERECTOR SHALL COORDINATE GIRDER,
JOIST AND BRIDGING LOCATIONS TO AVOID CONFLICTS/INTERFERENCE
WITH ALL OTHER MATERIALS, HATCHES, OPENINGS, ECT. & OTHER TRADES WORK.
6. HORIZONTAL BRIDGING TO BE: L 1 1/2 x 1 1/2 x 7/64 MARK-D.
SEE FRAMING PLAN NOTE #13 ON SHEET J1 FOR MORE INFORMATION.
ROWS OF BRIDGING INDICATED THUS (— — —) ON PLAN.
- 6A. UPLIFT BRIDGING TO BE: L 1 1/2 x 1 1/2 x 7/64 MARK-D.
SEE FRAMING PLAN NOTE #14 ON SHEET J1 FOR MORE INFORMATION.
ROWS OF BRIDGING INDICATED THUS (— — —) ON PLAN.
7.  — DENOTES BOLTED END OF JOIST.
8.  DENOTES TAGGED END OF JOIST.
9. WELDED DIAGONAL BRIDGING TO BE: L 1 x 1 x 7/64 MARK-XW. FIELD WELDED,
SEE PLAN FOR MARK. ROWS OF BRIDGING INDICATED THUS ().
10. TYP. JOIST AXIAL LOAD IS 14.6K (ASD)(UNO)
11. TYP. GIRDER AXIAL LOAD IS 57.3K (ASD)(UNO)
12. ALL RTU'S ACCOUNTED FOR AS ADLOADS, REF SECTION AA ON J1.0.

C	5/19/2021	MF	FOR APPROVAL CALC'S	
B	2/9/2021	MF	FOR APPROVAL CALC'S	
A	1/11/2021	MF	FOR APPROVAL	
REV	DATE	BY	DESCRIPTION	
SPEC. SECTION		SEE J2		
STEEL ENCOUNTERS				
STEEL ENCOUNTERS 2300 W COMMODORE WAY. 2300, SEATTLE, WA 98199			PHONE (206) 281-8560 FAX (206) 284-9510	
OWNER	DATE	CHECKER	DATE	
DESIGNOR	1/24/2020			
PROJECT NAME				
ROOF JOIST				
LOCATION				
PROLOGIS C & F				
ARCHITECT				
MACKENZIE				
CUSTOMER				
CARBON STEEL				
INSTR.	NO. JOB NUMBER	DRAWING NUMBER		
5620-0092	57671	J2		4



ROOF JOISTS FRAMING PLAN

REF: S01.21 & S01.22

- COLOR CODE: RED.
- SEE SHEET J1 FOR GENERAL FRAMING NOTES.
- SEE SHEET J4 FOR FRAMING SECTIONS.
- (XXX/YYY) LOADS SHOWN ON ROOF JOIST FRAMING PLANS ARE: TOTAL DESIGN LOAD IN PLF/ SNOW LOAD IN PLF (ON JOISTS) LOADS ARE IN KIPS (ON GIRDERS)

ALL DESIGN LOADS NOTED ON STEEL ENCOUNTERS' SHEET J1 AND J3 ARE CORRECT AS SHOWN. ONLY THE LOADS ON J1, J3, AND J4 WILL BE INCORPORATED INTO THE JOIST AND GIRDER DESIGN.

S.E.O.R: PLEASE DO NOT WAIT FOR JOIST CALCULATIONS BEFORE REVIEWING DESIGN INPUT SHOWN ON THESE J DRAWINGS.

- CONTRACTOR & OR ERECTOR SHALL COORDINATE GIRDER, JOIST AND BRIDGING LOCATIONS TO AVOID CONFLICTS/INTERFERENCE WITH ALL OTHER MATERIALS, HATCHES, OPENINGS, ECT. & OTHER TRADES WORK.
- HORIZONTAL BRIDGING TO BE: L 1 1/2 x 1 1/2 x 7/64 MARK-D. SEE FRAMING PLAN NOTE #13 ON SHEET J1 FOR MORE INFORMATION. ROWS OF BRIDGING INDICATED THUS (— HB —) ON PLAN.
- UPLIFT BRIDGING TO BE: L 1 1/2 x 1 1/2 x 7/64 MARK-D. SEE FRAMING PLAN NOTE #14 ON SHEET J1 FOR MORE INFORMATION. ROWS OF BRIDGING INDICATED THUS (— UB —) ON PLAN.
- DENOTES BOLTED END OF JOIST.
- DENOTES TAGGED END OF JOIST.
- WELDED DIAGONAL BRIDGING TO BE: L 1 x 1 x 7/64 MARK-XW. FIELD WELDED, SEE PLAN FOR MARK. ROWS OF BRIDGING INDICATED THUS (— — —).
- TYP. JOIST AXIAL LOAD IS 14.6K (ASD)(UNO)
- TYP. GIRDER AXIAL LOAD IS 57.3K (ASD)

NOTICE: JOIST AND DECK DELIVERIES

AS THE RECIPIENT OF MATERIALS DELIVERED FROM OUR VENDORS, YOU ARE RESPONSIBLE FOR THE INVENTORY AND INSPECTION OF ALL MATERIALS THAT ARE DELIVERED TO THE SITE. IF THERE IS DAMAGE OR MISSING MATERIAL, IT MUST BE NOTED ON THE DELIVERY TICKET AT THE TIME OF UNLOADING. YOU MUST ALSO NOTIFY STEEL ENCOUNTERS BY TELEPHONE OR EMAIL IMMEDIATELY AFTER IDENTIFYING ANY ITEMS DAMAGED OR MISSING.

IF DAMAGED OR MISSING MATERIAL IS NOT NOTED ON THE DELIVERY TICKETS, STEEL ENCOUNTERS WILL NOT ACCEPT ANY CHARGES TO REPLACE OR REPAIR THE MATERIALS.

Engineer of Record
Review of Deferred Submittal
Engineer of Record has performed a general review of this deferred submittal and finds it to be:
(x) In general conformance with project design.
() In general conformance with project design, except as noted.
Engineer of Record has reviewed this deferred submittal only for general conformance with this design, concept of the project and for information given in the Engineer of Record's documents. Any noted nonconformities and errors are marked.
However, deviations from plans or specifications not clearly indicated by the contractor have not been reviewed.
The Engineer of Record's review does not include independent engineering calculations unless expressly noted herein. The design of members and systems contained in this submittal is the responsibility of the professional engineer whose professional stamp appears on the submittal.
MACKENZIE.
By s/w Date 06/25/2021

ERECTOR NOTE

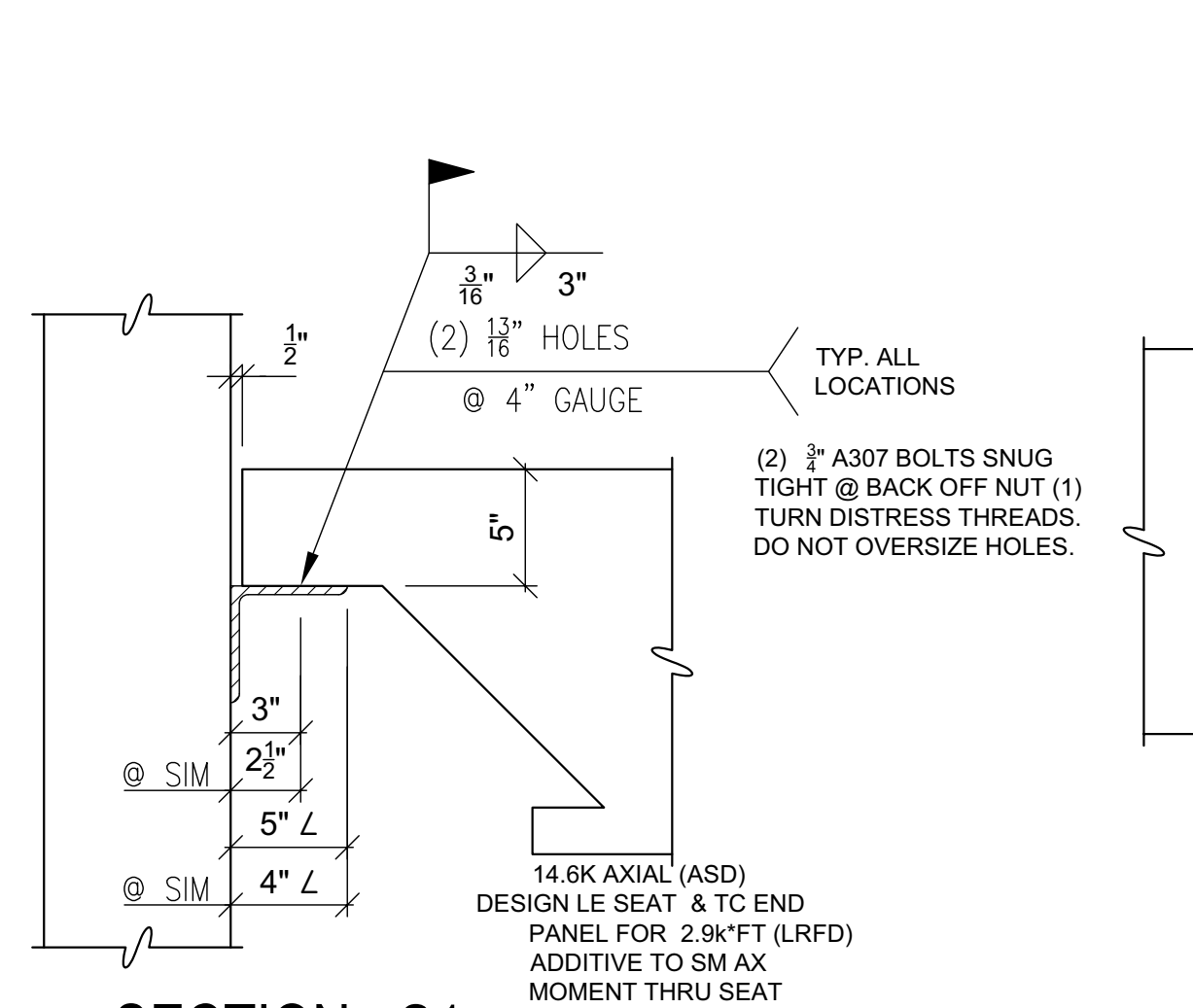
PLACE JOIST OR GIRDER WITH
TAGGED END AS INDICATED BY
THE ARROW HEAD SYMBOL AT THE
END OF MEMBER SHOWN ON THE
ERECTION PLAN.

**FINAL PLANS
FOR FIELD USE**
BACKCHARGES WILL NOT BE
HONORED WITHOUT AUTHORIZATION
BY STEEL ENCOUNTERS, INC.

C	5/18/2021	MF	FOR APPROVAL CALC'S		
B	2/9/2021	MF	FOR APPROVAL CALC'S		
A	1/11/2021	MF	FOR APPROVAL		
REV.	DATE	BY	DESCRIPTION		
SPEC. SECTION	SEE J2				
STEEL ENCOUNTERS					
STEEL ENCOUNTERS 2300 W COMMODORE WAY SUITE #200, SEATTLE, WA 98199			PHONE (206) 281-8500 FAX (206) 284-9576		
DETAIL#	DATE	CHECKER		DATE	
	MF 11/24/2020				
DESCRIPTION	ROOF JOIST				
PROJECT NAME	PROLOGIS C & F				
LOCATION	PORTLAND, OR.				
ARCHITECT	MACKENZIE				
CUSTOMER	CARBON STEEL				
NAMES	FILE NUMBER	SID JOB NUMBER	DRAWING NUMBER		
	5620-0092	37671	J3	OF 4	

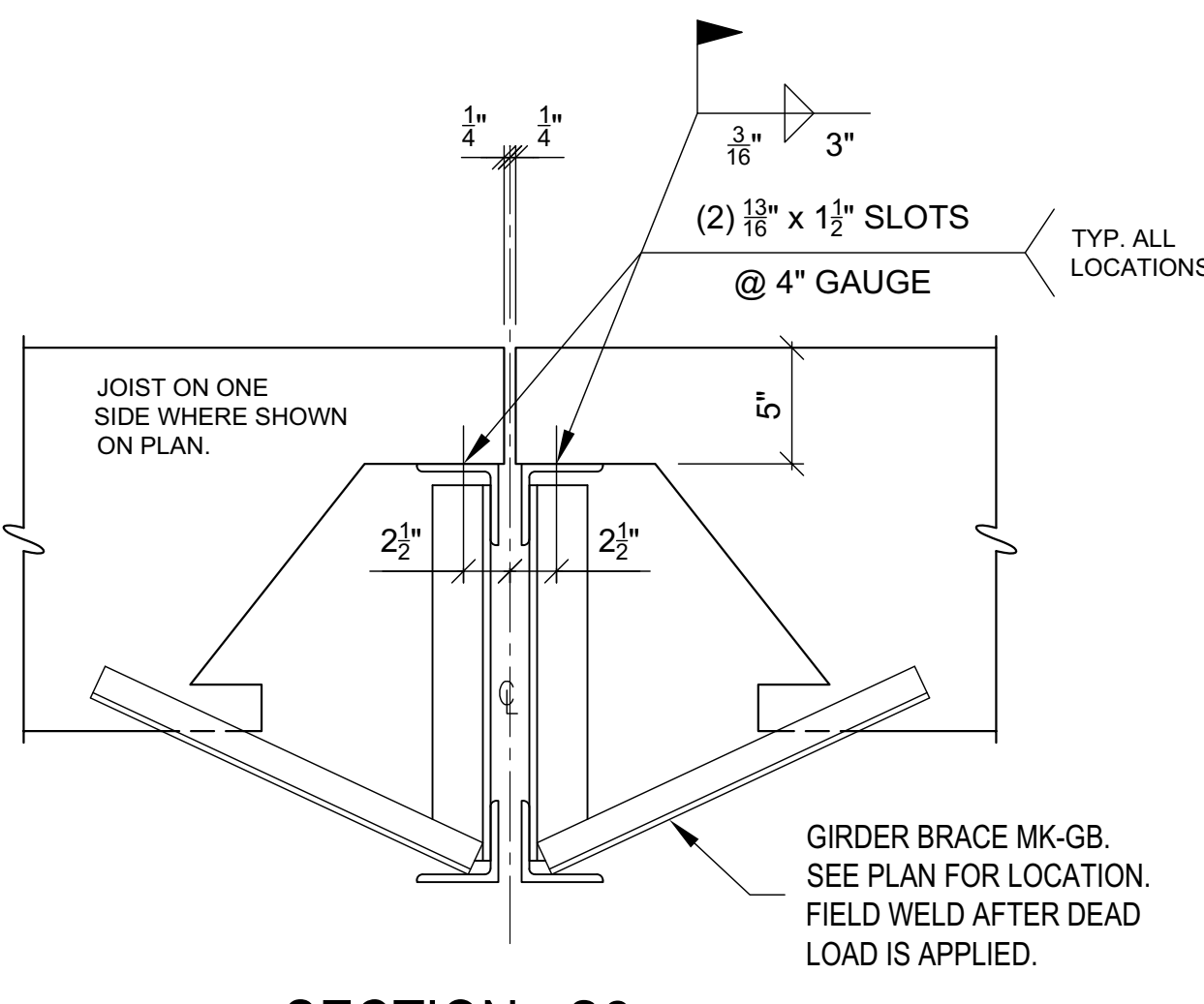
UPLIFT
17.9 PSF @ GIRDERS
19.2 PSF @ JOIST

UPLIFT
11.5 PSF @ GIRDERS
12.8 PSF @ JOIST



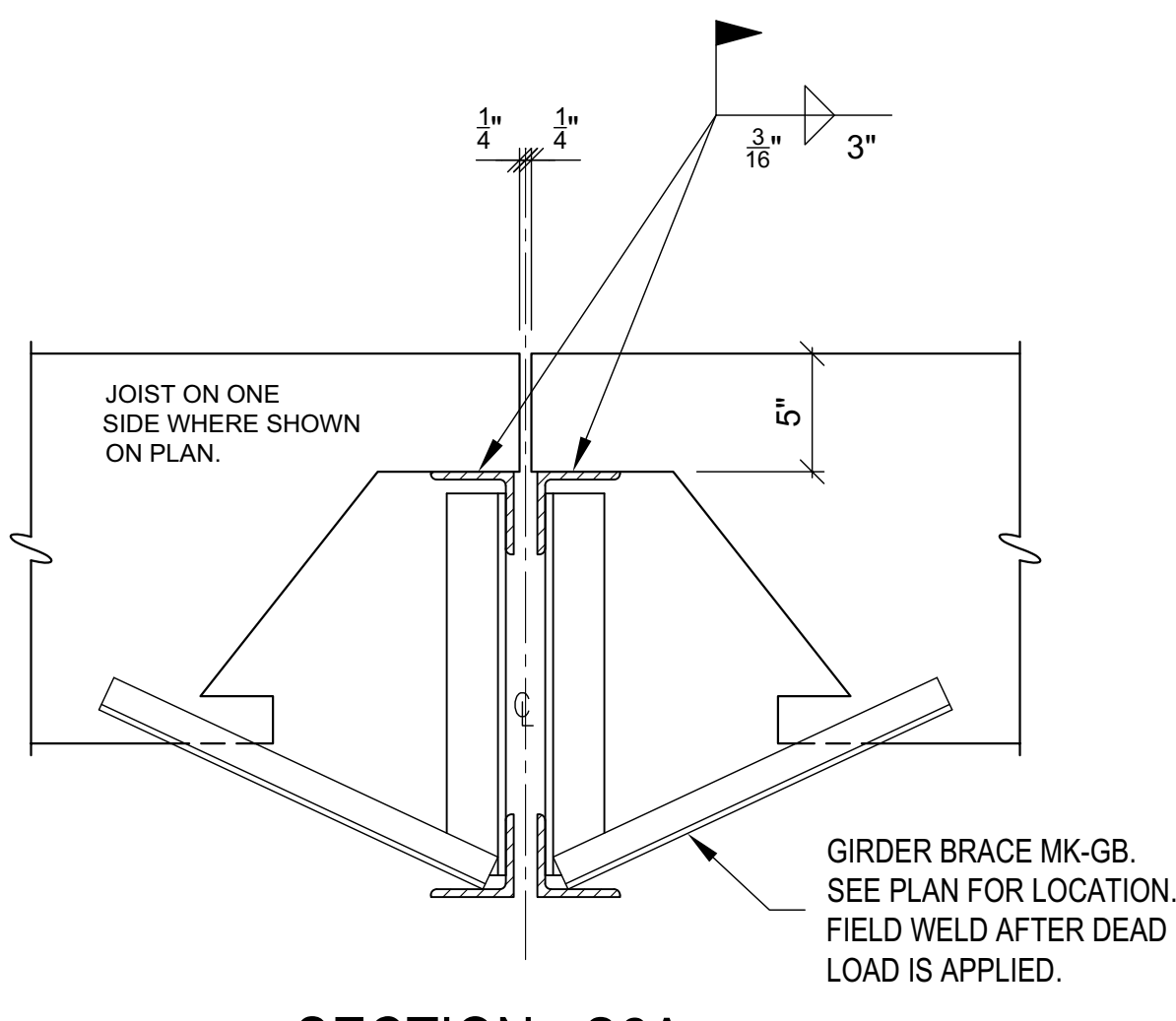
SECTION S1

REF: 4/S05.82



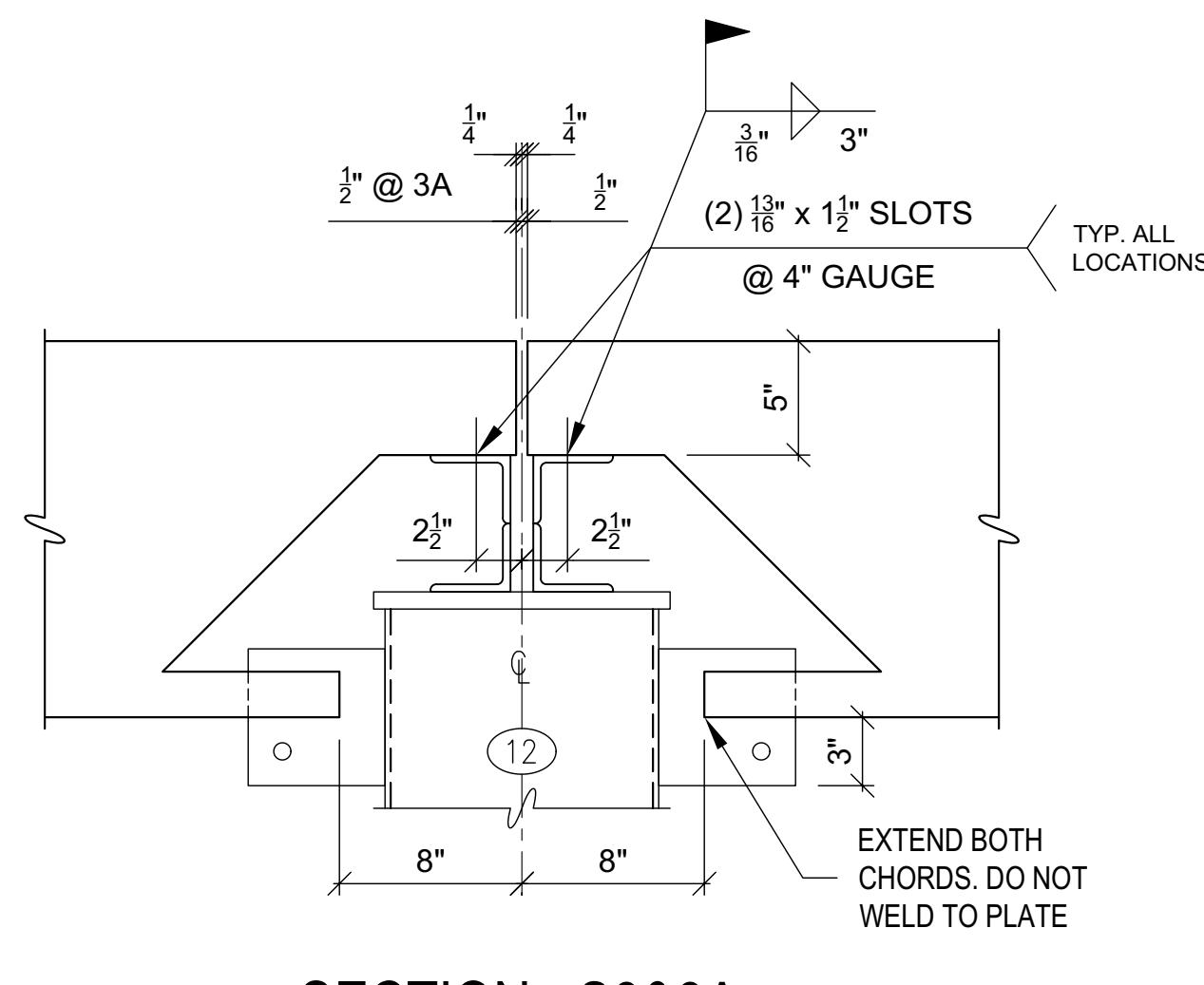
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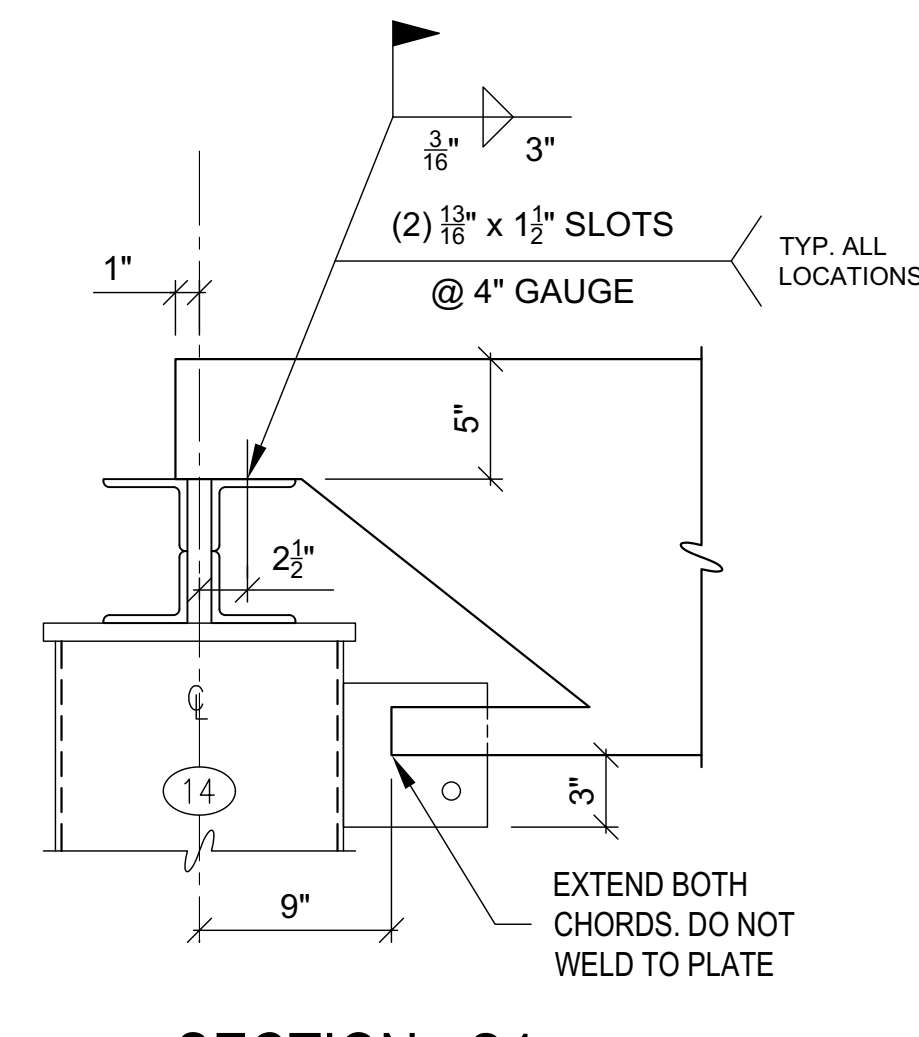
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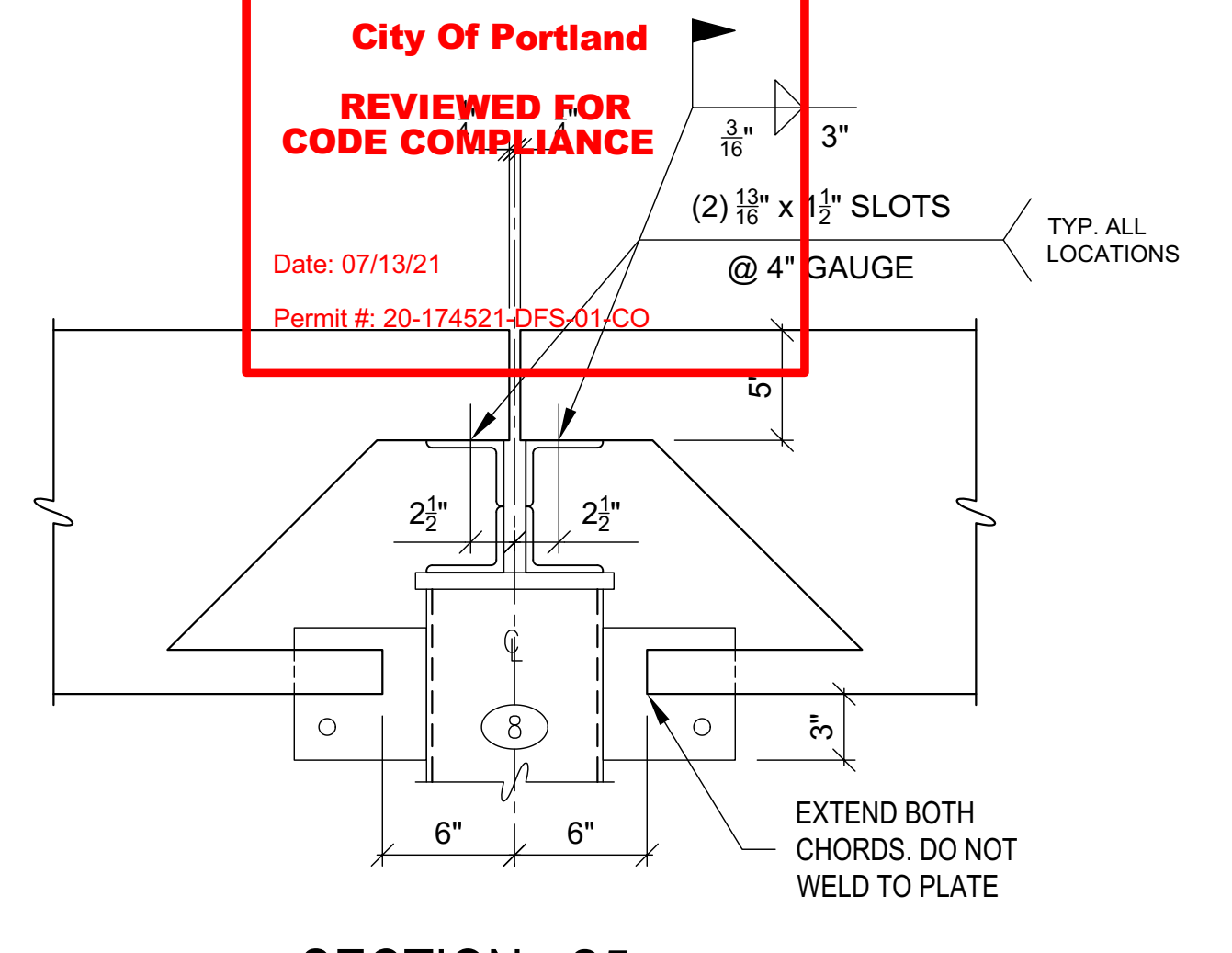
SECTION S3&3A

REF: 15/S05.82



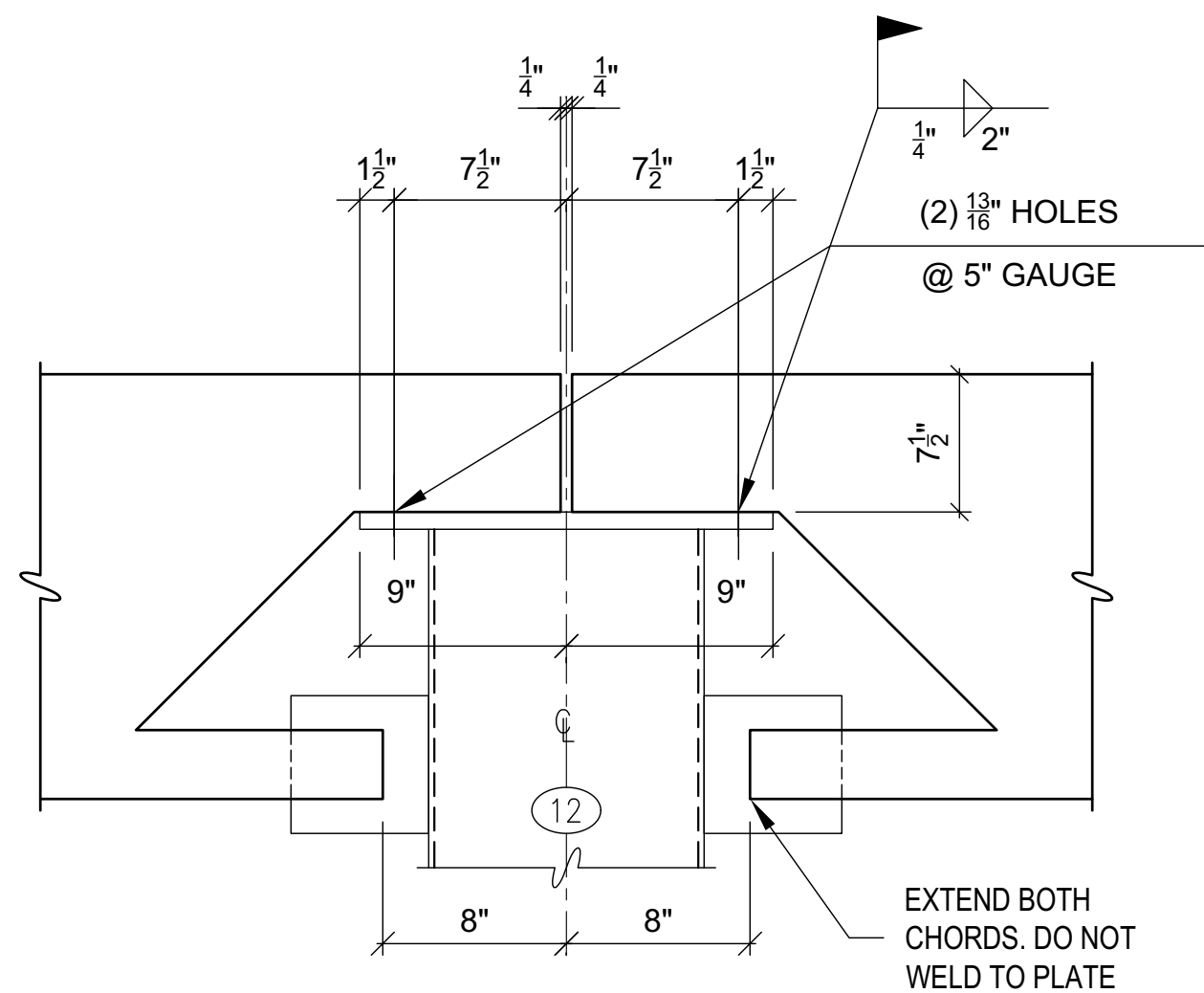
SECTION S4

REF: 19/S05.82



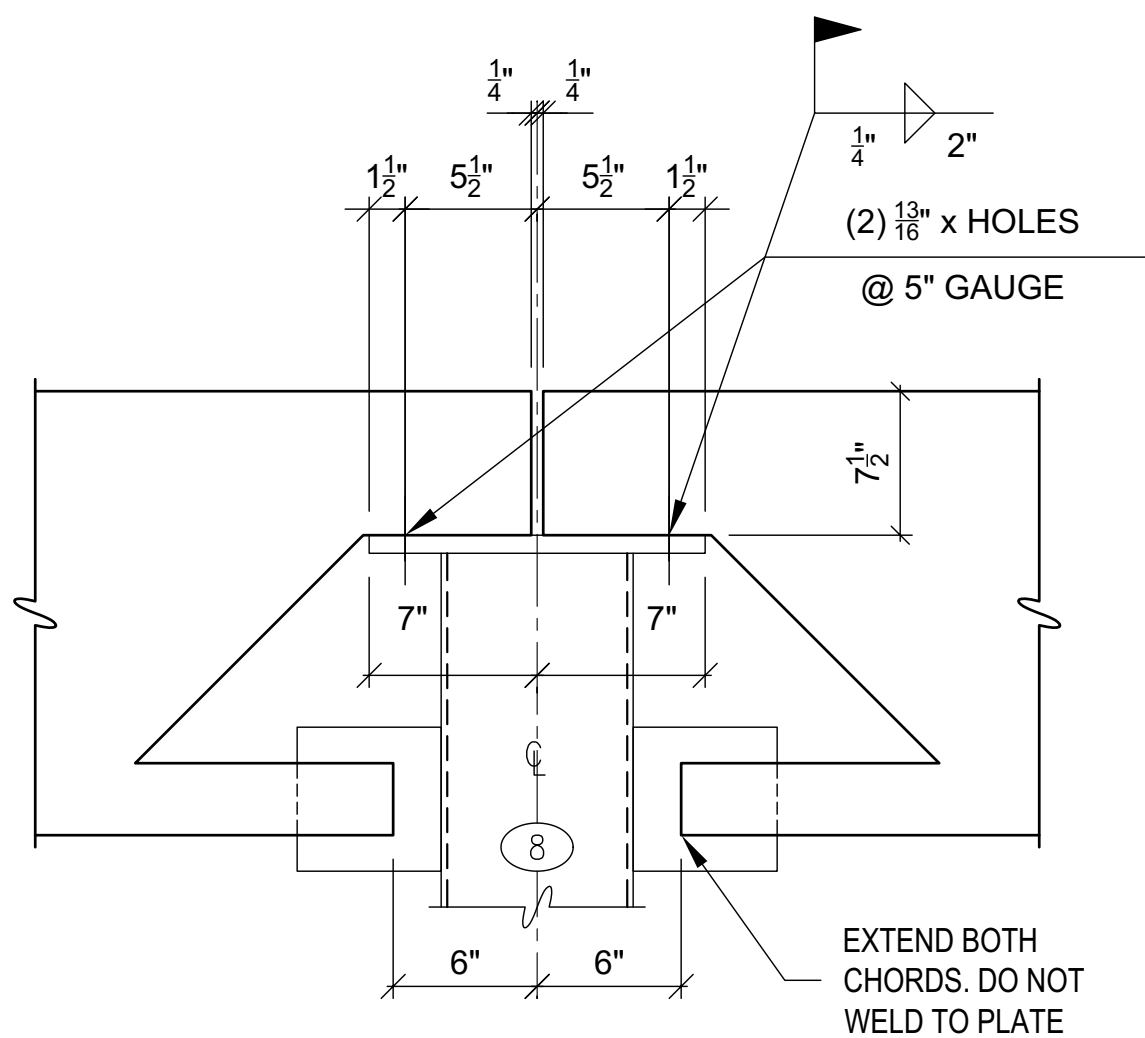
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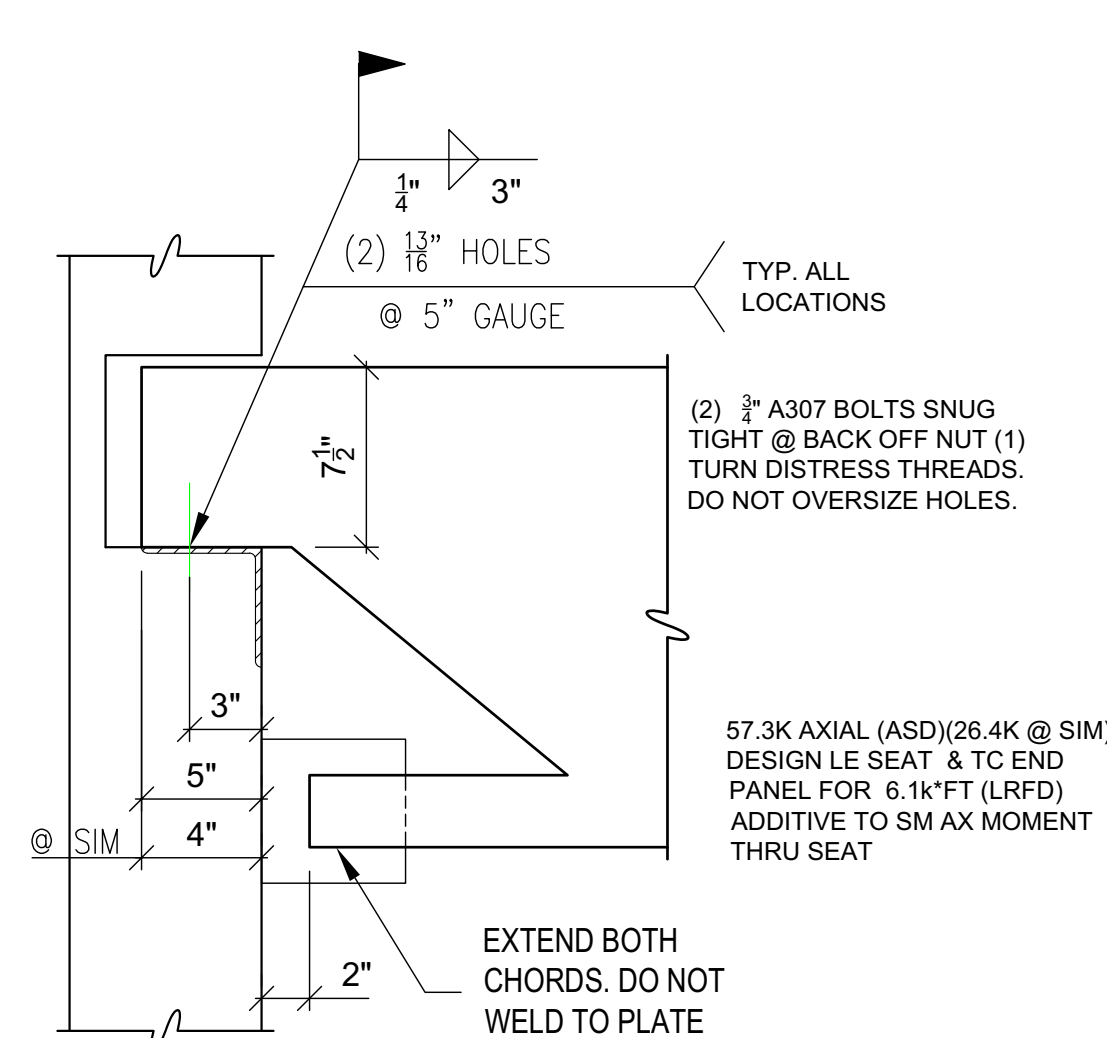
SECTION S6

REF: 15/S05.82



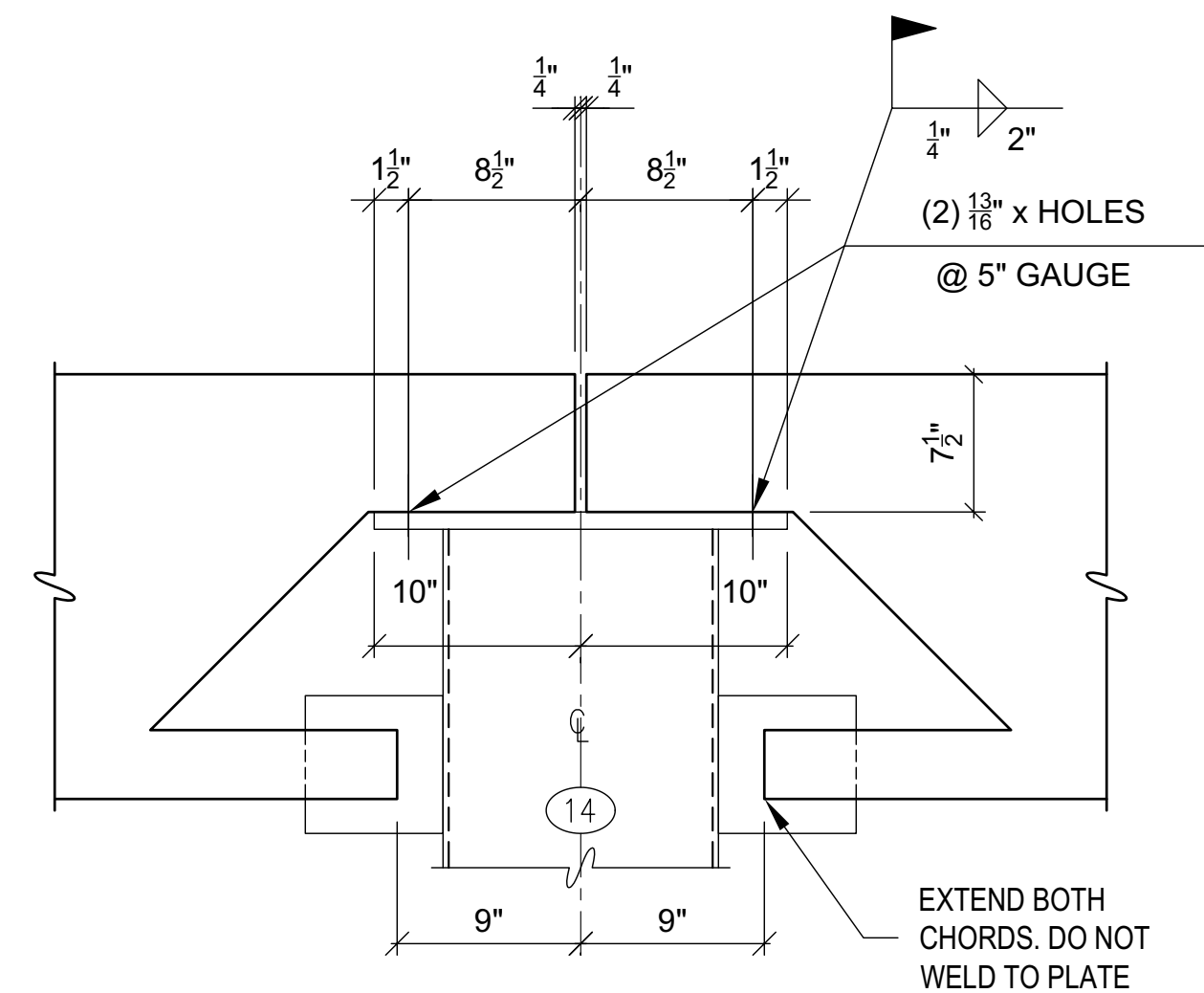
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REF: 15/S05.82



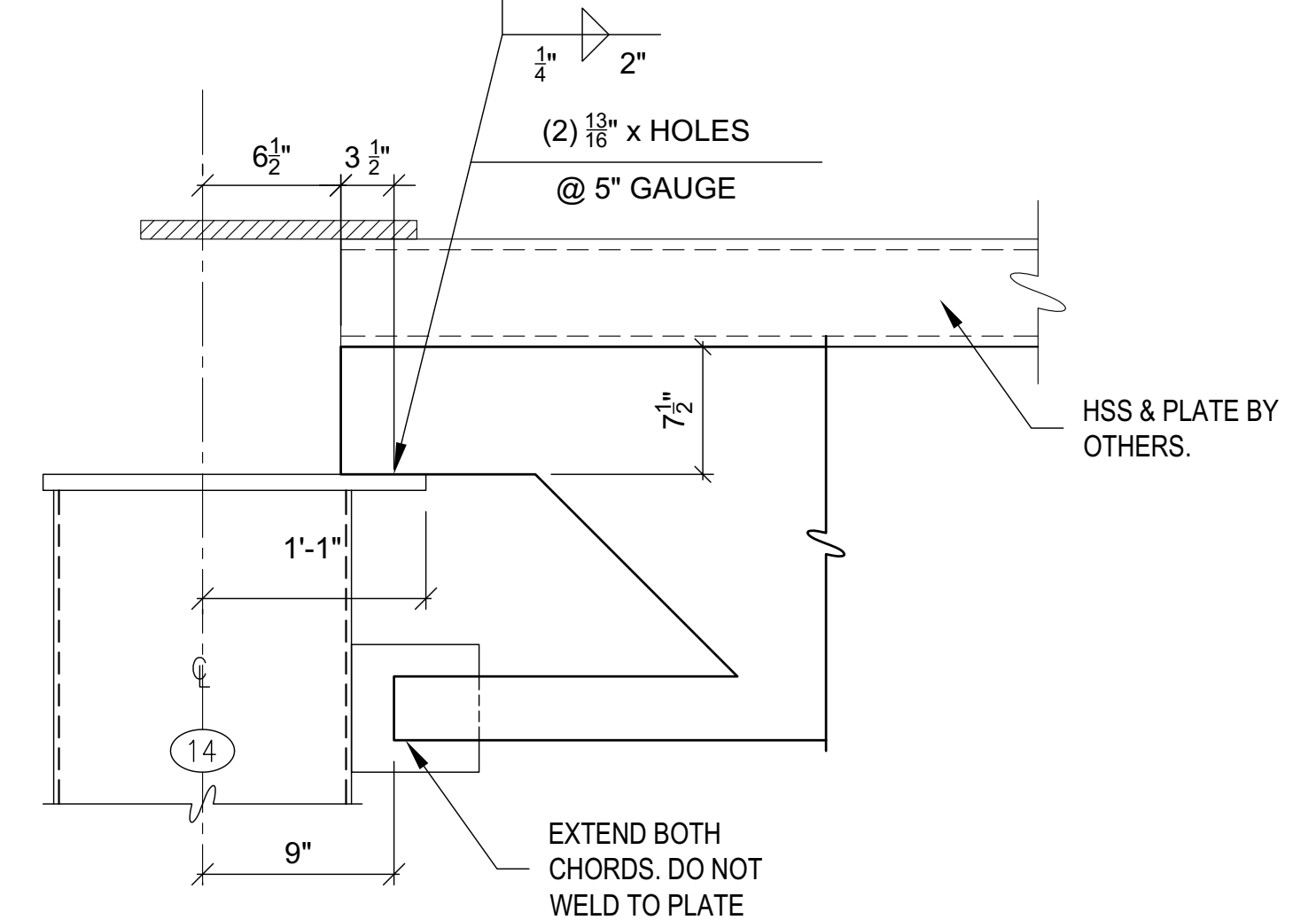
SECTION S8

REF: 9/S05.82



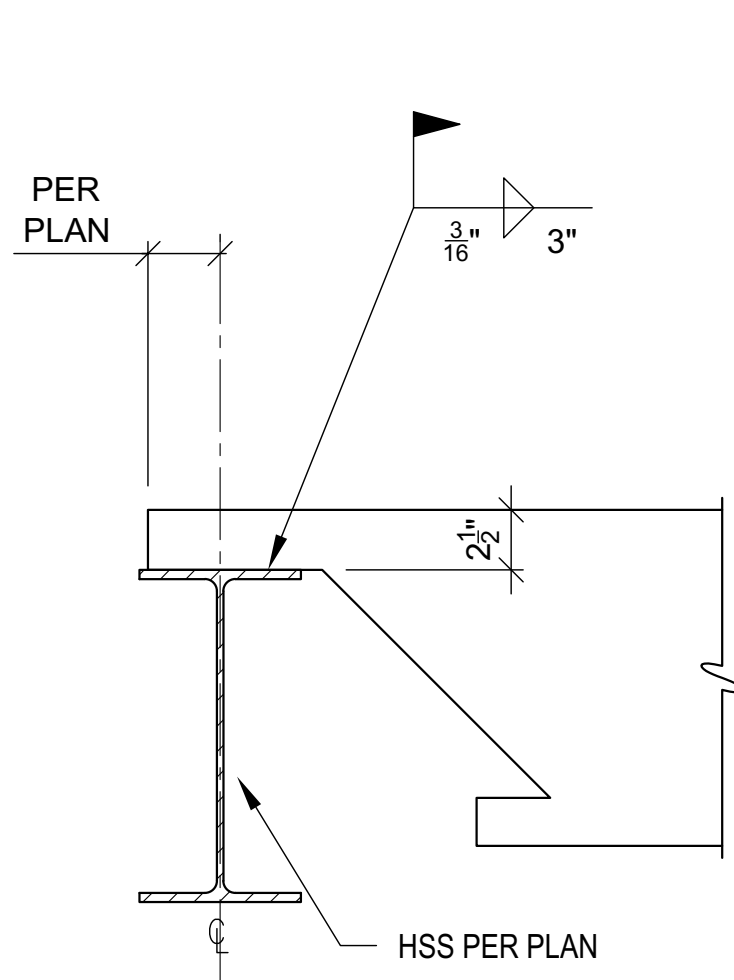
SECTION S9

REF: 15/S05.82



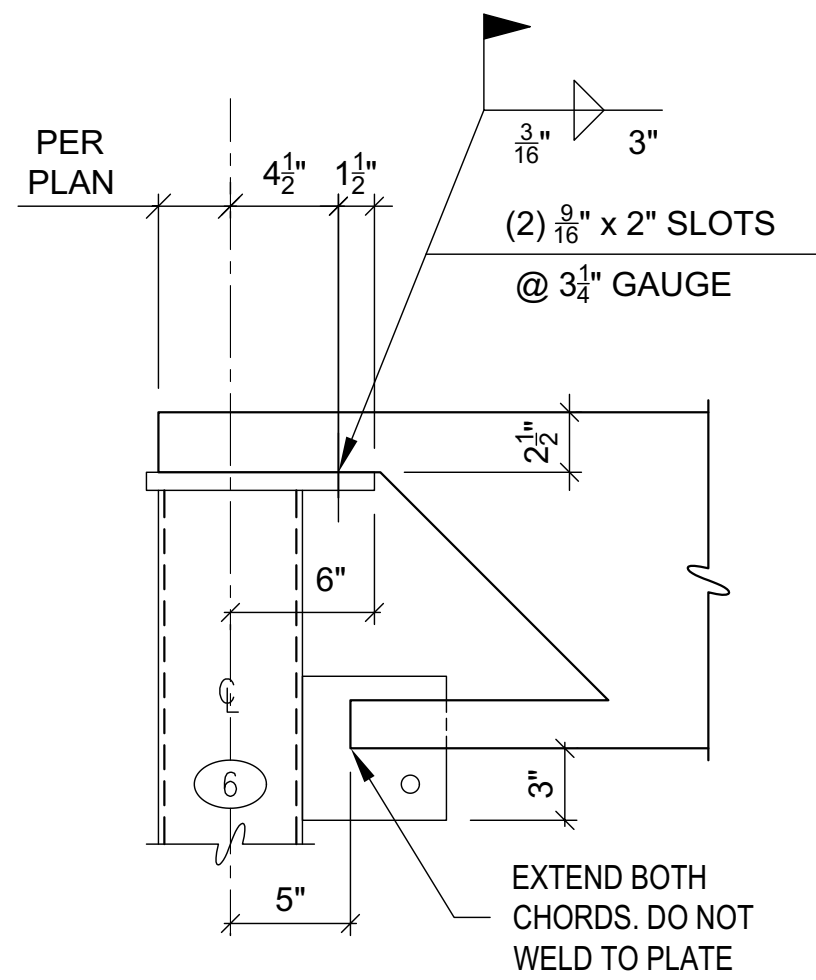
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REF: 19/S05.82



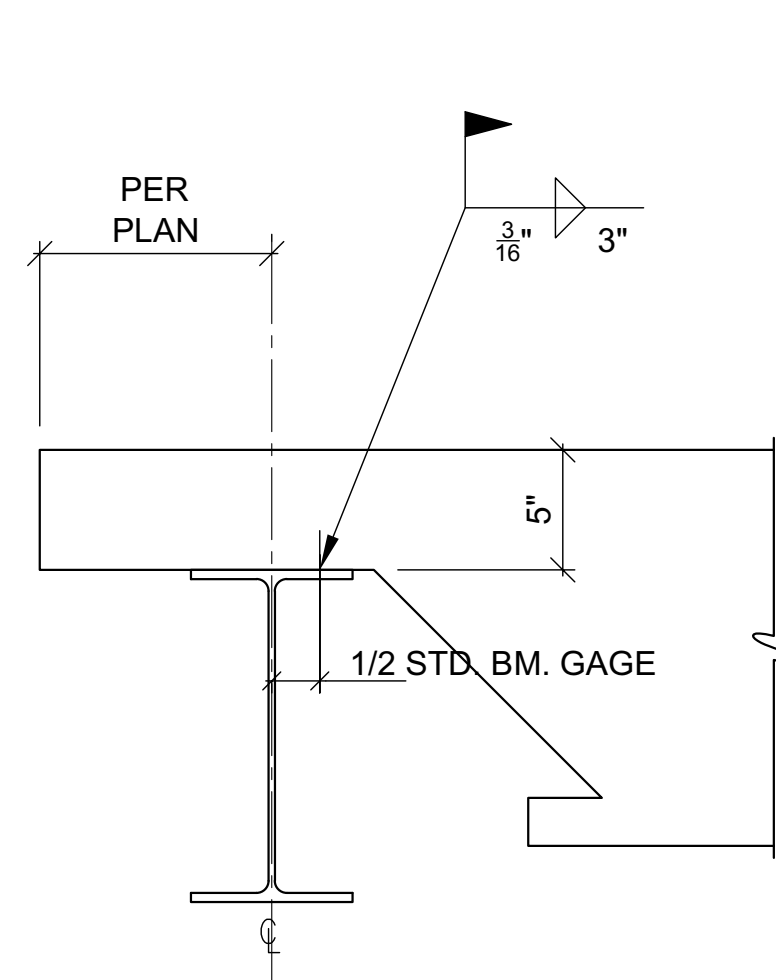
SECTION S11

REF: 13/A05.30



SECTION S12

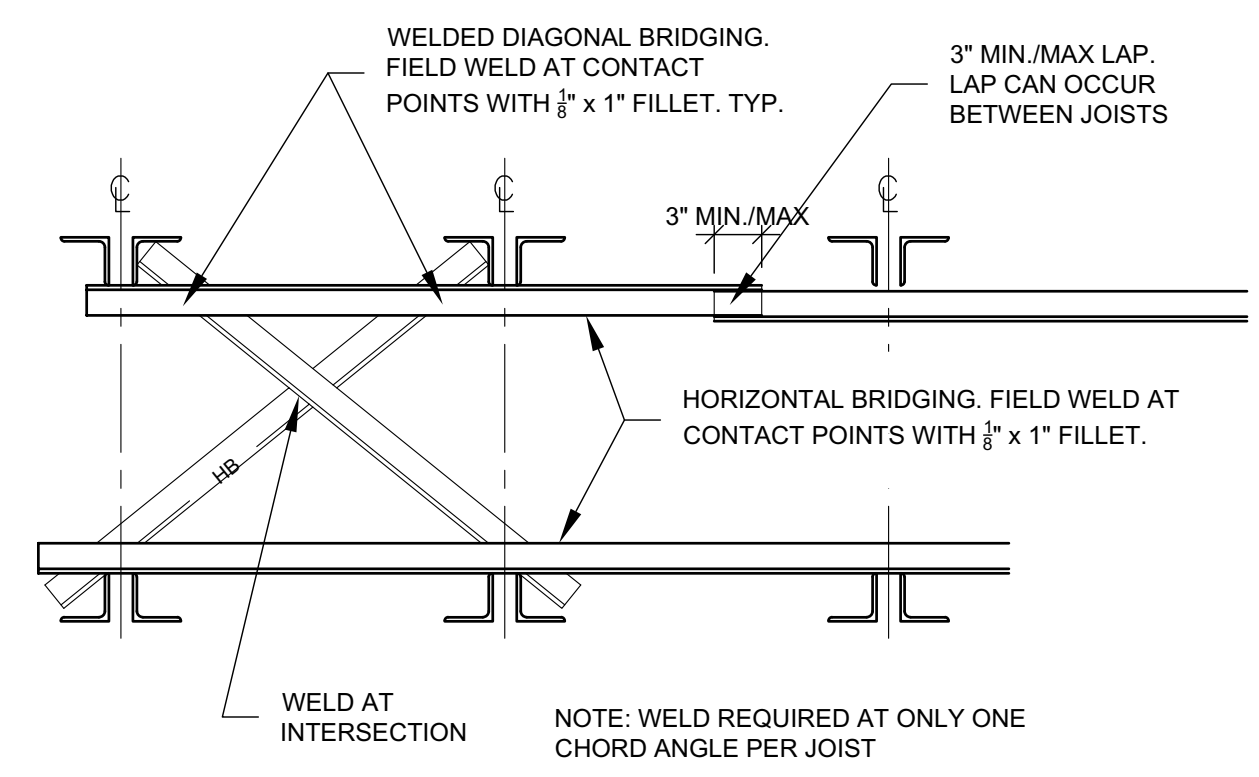
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SECTION S13

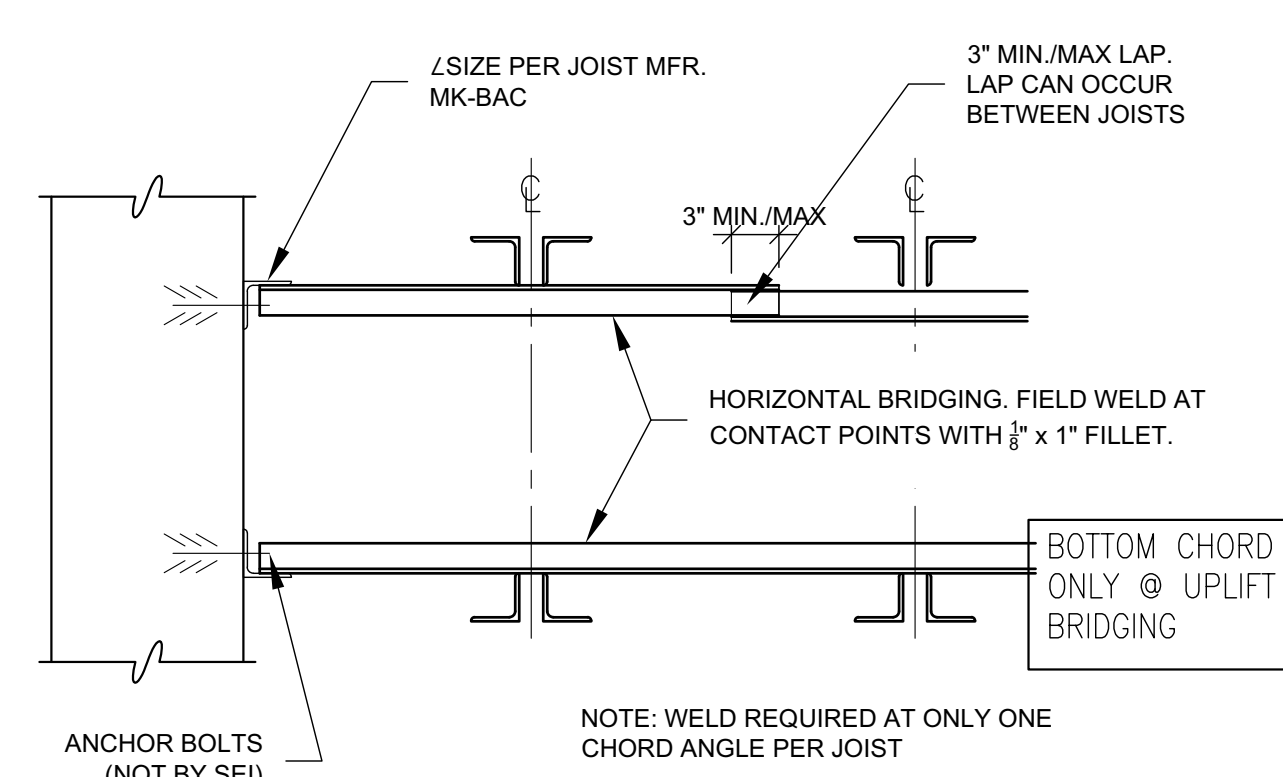
REF: 16/A05.11

ALL WELDS SHOWN PER
CONTRACT DRAWINGS.



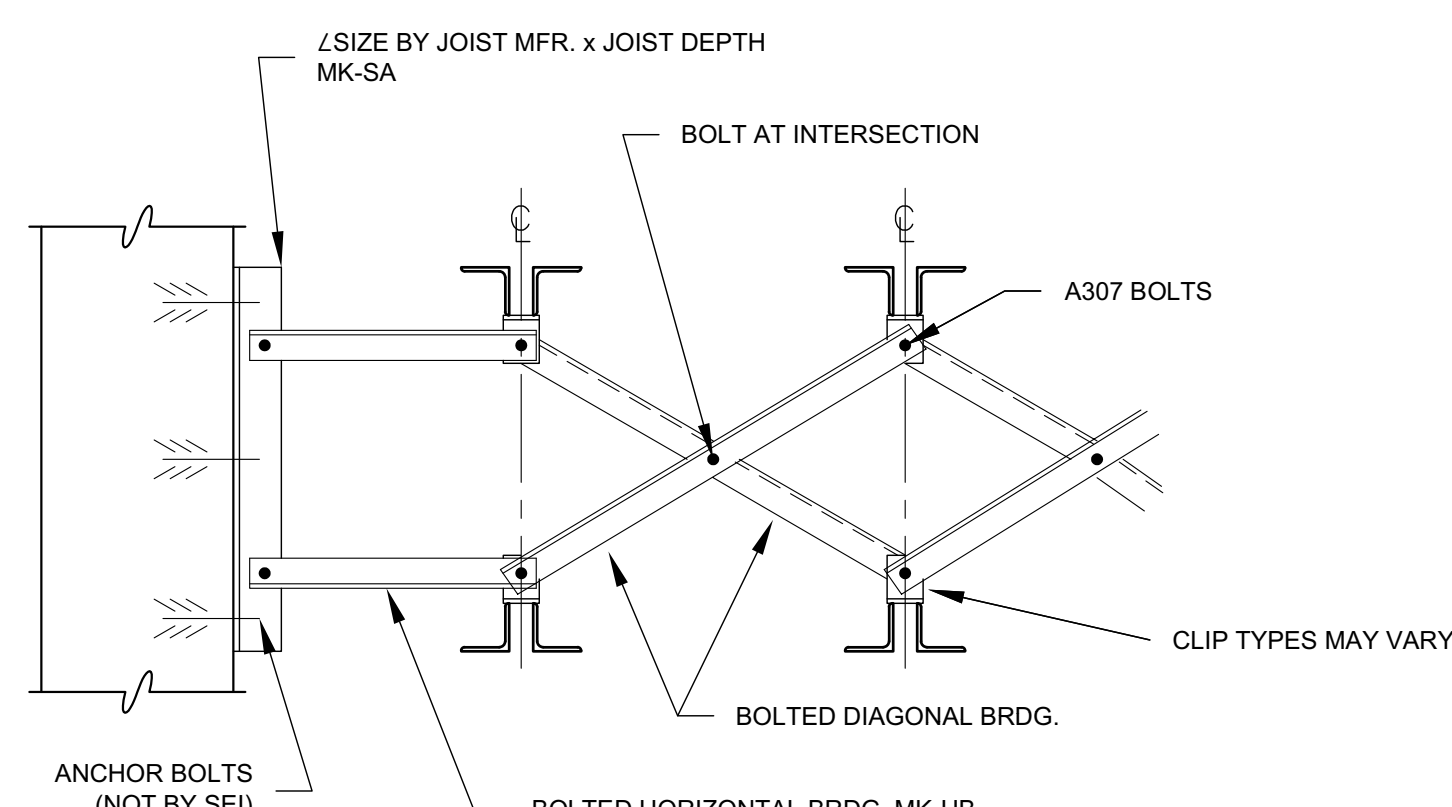
SECTION B1

REF: TERMINATING HORIZONTAL BRIDGING @ JOISTS



SECTION B2

REF: TERMINATING HORIZONTAL BRIDGING @ WALL



SECTION B3

REF: TERMINATING CROSS BOLTED BRIDGING @ WALL



Engineer of Record
Review of Deferred Submittal

Engineer of Record has performed a general review of this deferred submittal and finds it to be:

[X] In general conformance with project design.
[] In general conformance with project design, except as noted.

Engineer of Record has reviewed this deferred submittal only for general conformance with this design concept of the project and for information given in the Engineer of Record's documents. Any noted nonconformities and errors are marked.

However, deviations from plans or specifications not clearly indicated by the contractor have not been reviewed.

The Engineer of Record's review does not include independent engineering calculations unless expressly noted herein. The Design of members and systems contained in this submittal is the responsibility of the professional engineer whose professional stamp appears on the submittal.

MACKENZIE.

By: sw Date: 05/25/2021

FINAL PLANS
FOR FIELD USE

BACKCHARGES WILL NOT BE
HONORED WITHOUT AUTHORIZATION
BY STEEL ENCOUNTERS, INC.

NOTICE:
JOIST AND DECK
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REV.	DATE	BY	DESCRIPTION
C	5/18/2021	MF	FOR APPROVAL CALC.'S
B	2/9/2021	MF	FOR APPROVAL CALC.'S
A	1/11/2021	MF	FOR APPROVAL
SPEC. SECTION SEE J2			
STEEL ENCOUNTERS			
2300 W. COMMODORE WAY, SUITE #200, SEATTLE, WA 98199			
DETAILS		DATE	CHECKER
MF		11/24/2020	
DESCRIPTION JOIST SECTIONS			
PROJECT NAME PROLOGIS C & F			
LOCATION PORTLAND, OR.			
ARCHITECT MACKENZIE			
CUSTOMER CARBON STEEL			
NAMES	FILE NUMBER	SD JOB NUMBER	DRAWING NUMBER
5620-0092		37671	J4 OF 4