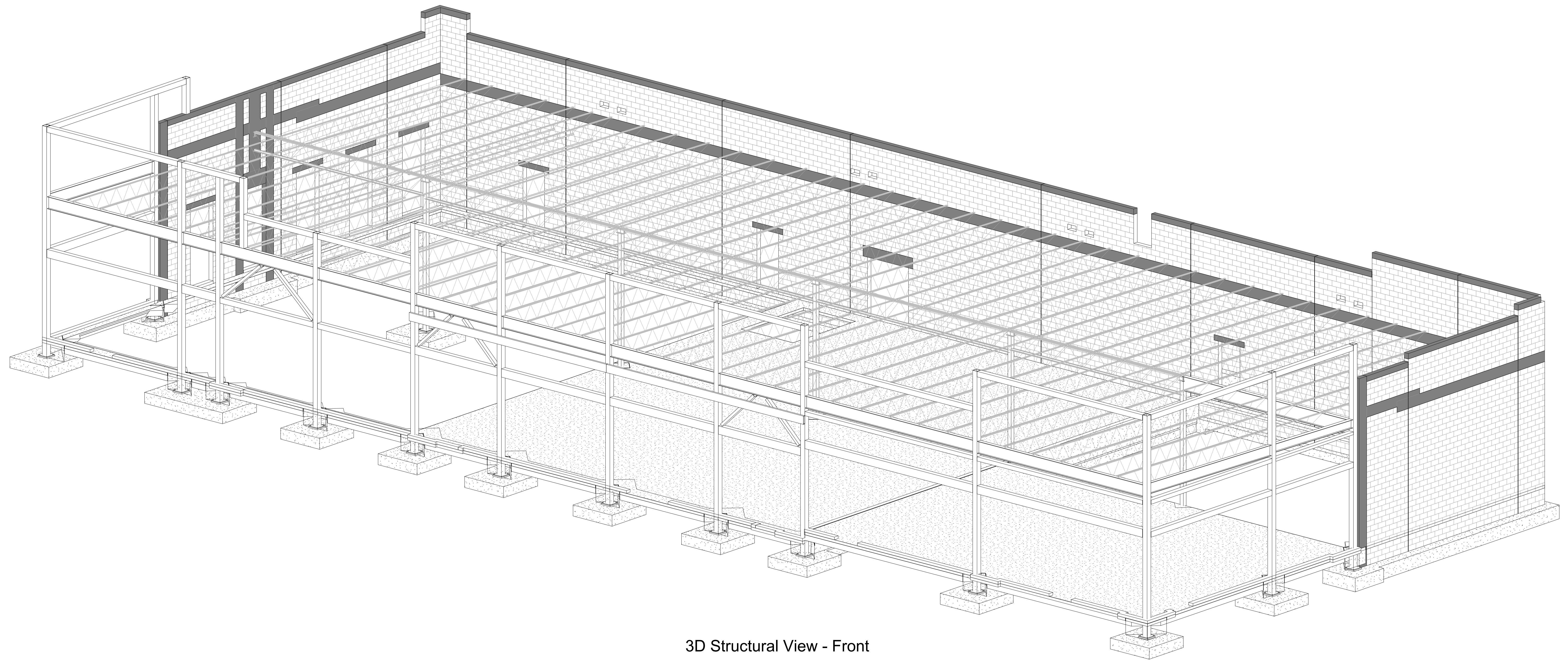
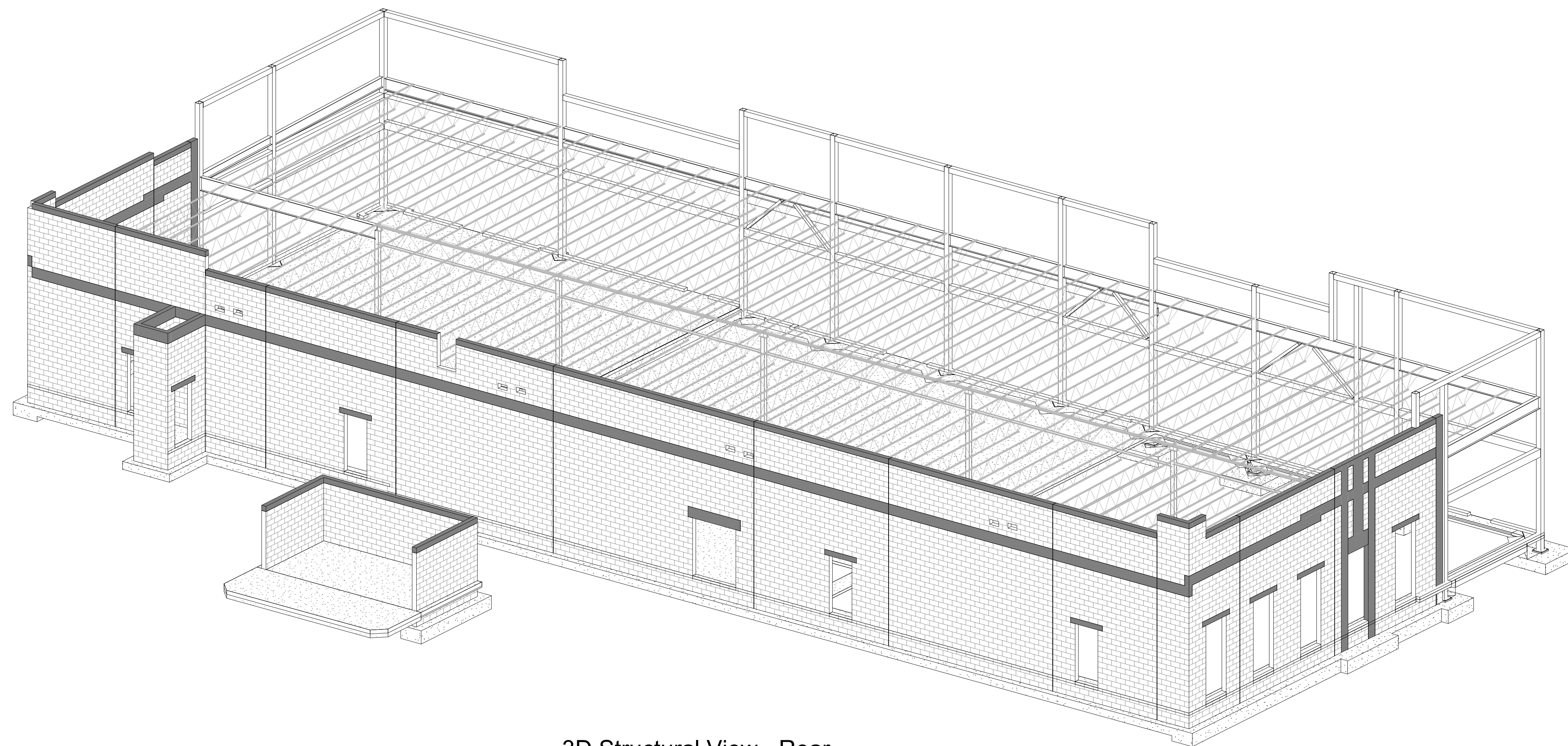




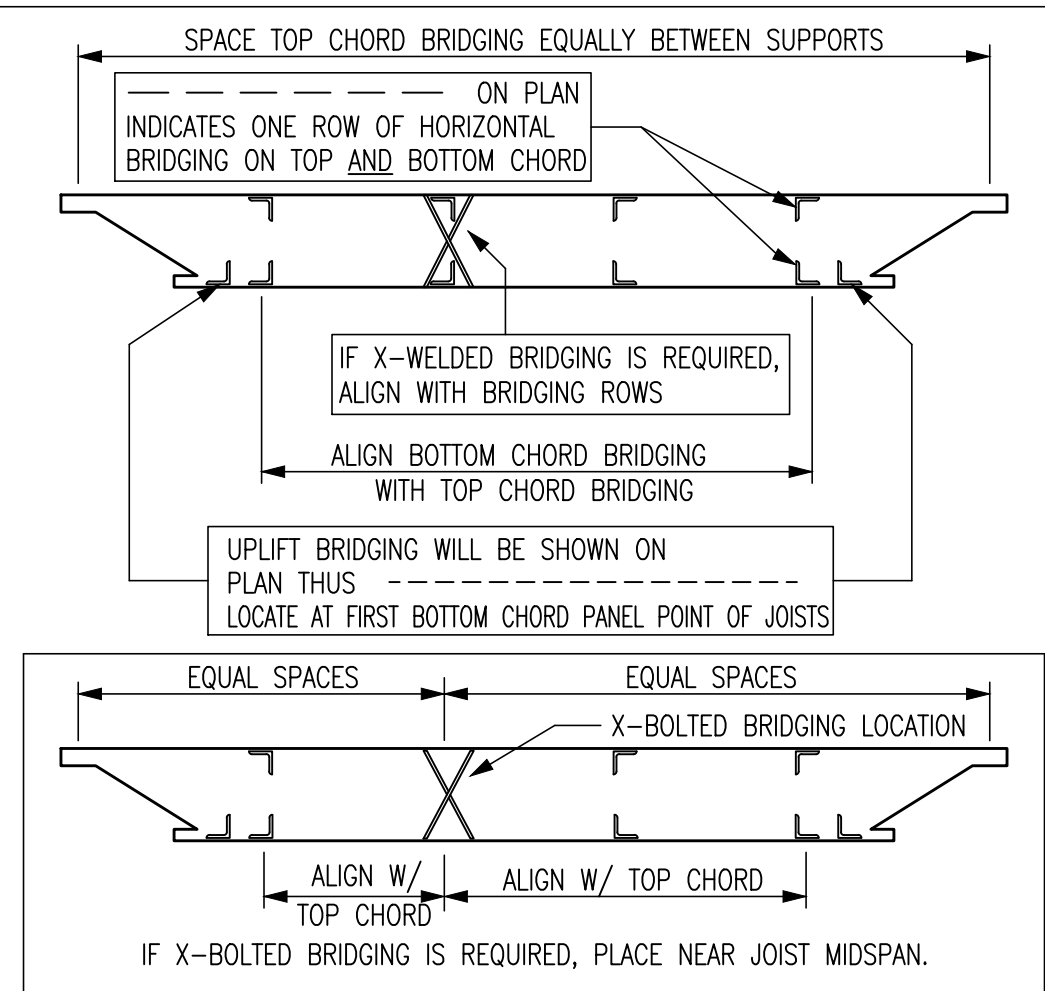
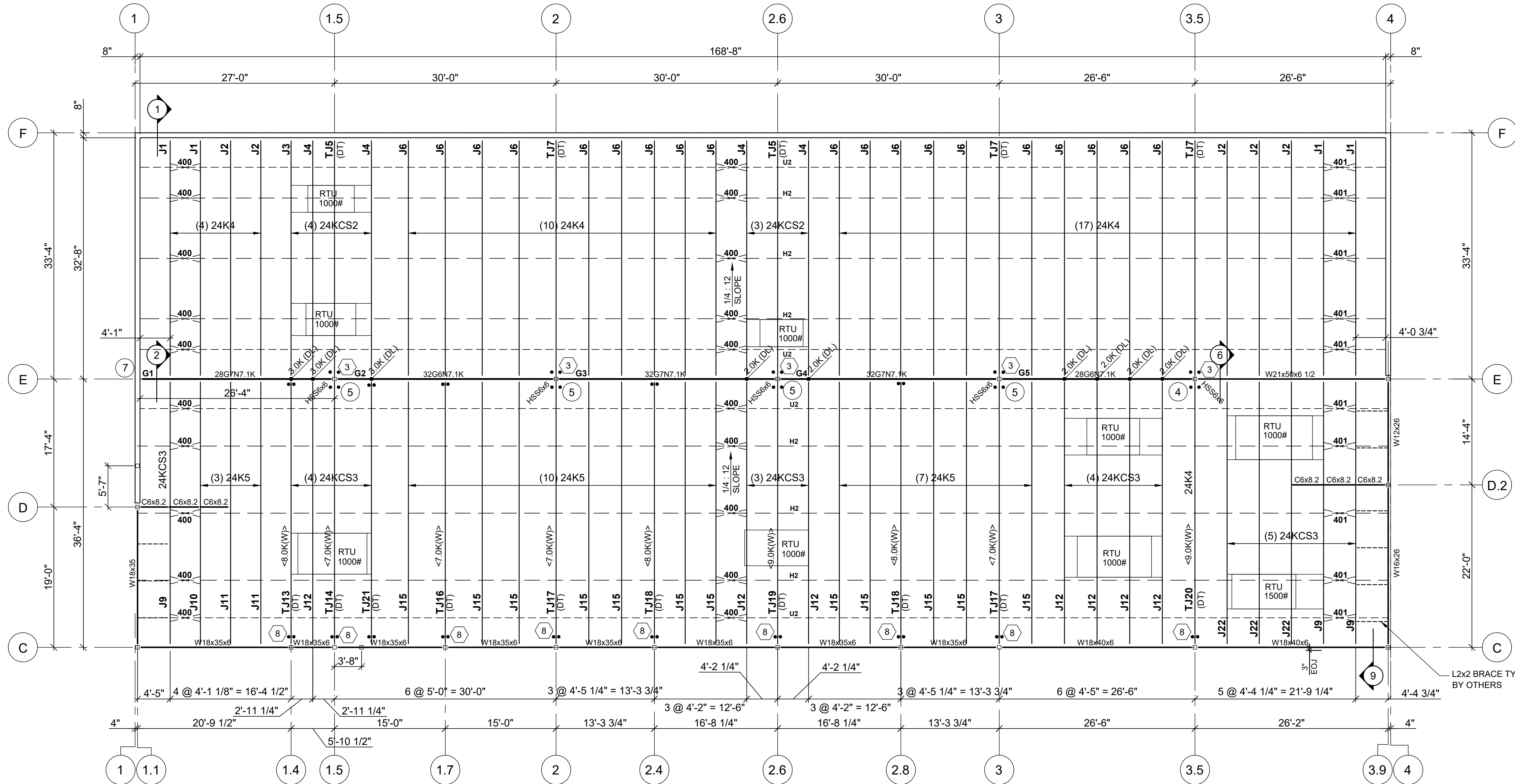
3D Structural View - Front



3D Structural View - Rear

REFER TO SHEET JE1.01
FOR GENERAL NOTES

ALL JOIST & BRIDGING WILL
BE PAINTED WITH ONE COAT
STD STANDARD GRAY DIP
PRIMER.



TYPICAL BRIDGING SPACING ALIGNED W/UPLIFT

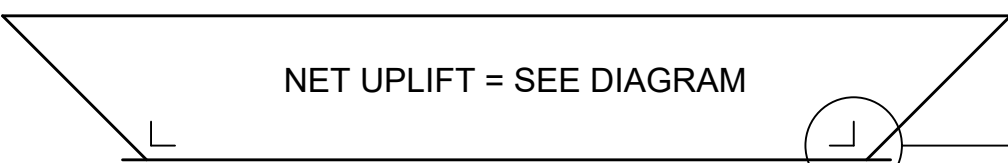
NOTE: BRIDGING ROW QUANTITY'S WILL VARY.
(SEE JOIST ERECTION PLANS FOR BRIDGING ROW REQUIREMENTS.)

ROOF JOIST LAYOUT PLAN

SEQ. #01J

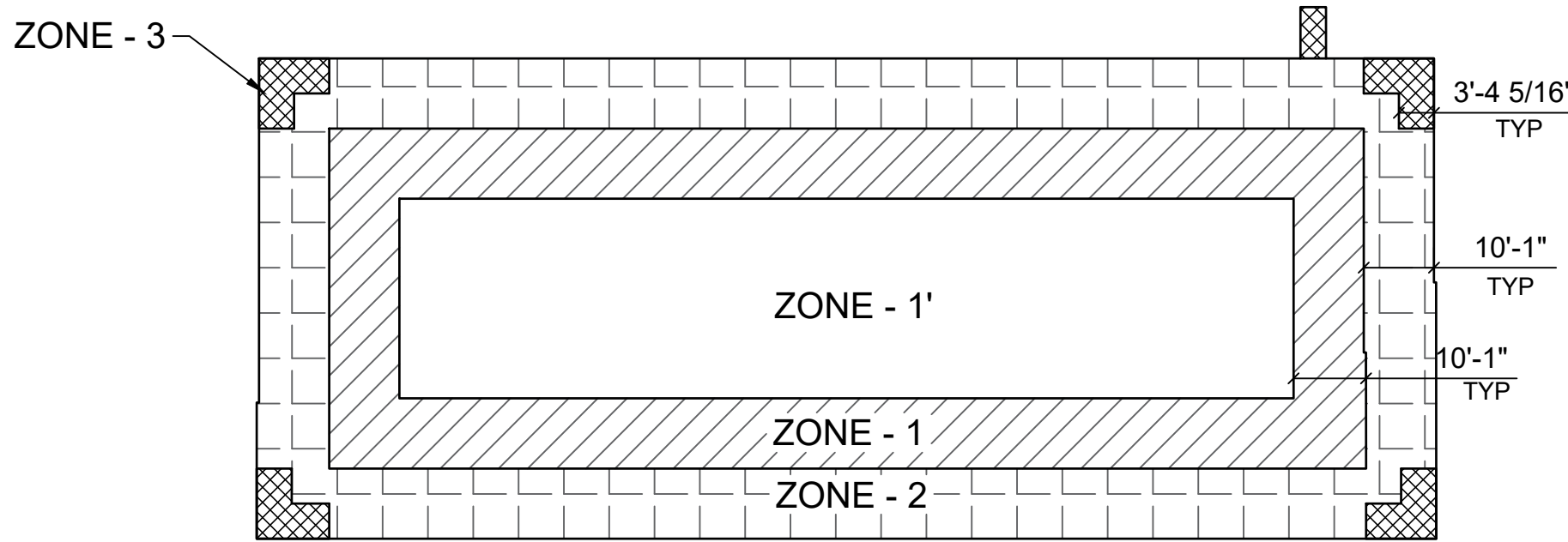
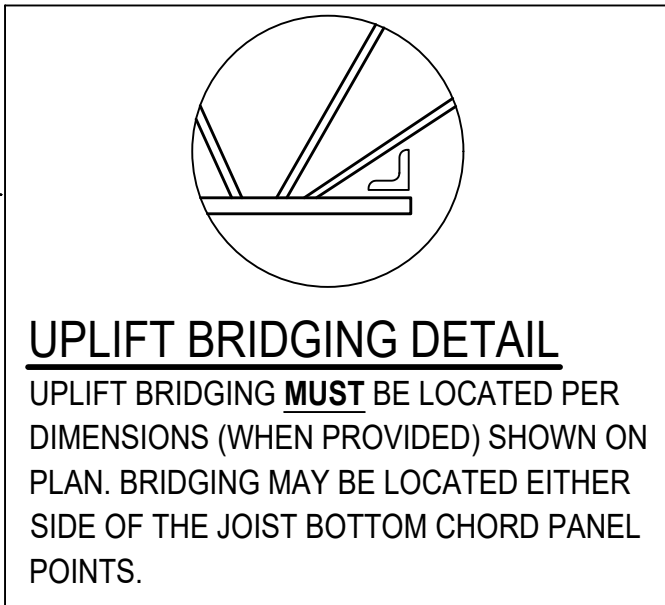
REF. : 1/S-102

1. THE TAG END OF THE JOIST IS THE END AT WHICH THE PIECEMARK IS LOCATED.
2. REFERENCE DWG JE1.01 FOR LEGEND, SYMBOLS & ABBREVIATIONS.
3. FOR JOIST SECTIONS SEE JE4.01.
4. ALL JOISTS BEARING COL'S ARE HSS8x8 UNO.
5. H# INDICATES WELDED HORIZONTAL BRIDGING @ TOP & BOTTOM CHORD COLD-FORMED ANGLE 1 1/4x1 1/4x0.109 MK: H2.
6. U# INDICATES WELDED HORIZONTAL UPLIFT BRIDGING @ BOTTOM CHORD COLD-FORMED ANGLE 1 1/4x1 1/4x0.109 MK: U2.
7. DEFLECTION: LL = L/360 MAX.



ADDITIONAL BRIDGING DUE TO UPLIFT

A SINGLE ROW OF HORIZONTAL BRIDGING LOCATED @ THE FIRST BOTTOM CHORD PANEL POINT @ EACH END. TYP. @ EACH JOIST SHOWN ----- ON PLAN. THE UPLIFT BRIDGING SIZE IS THE SAME AS THE REGULAR BRIDGING SIZE FOR THAT BAY.



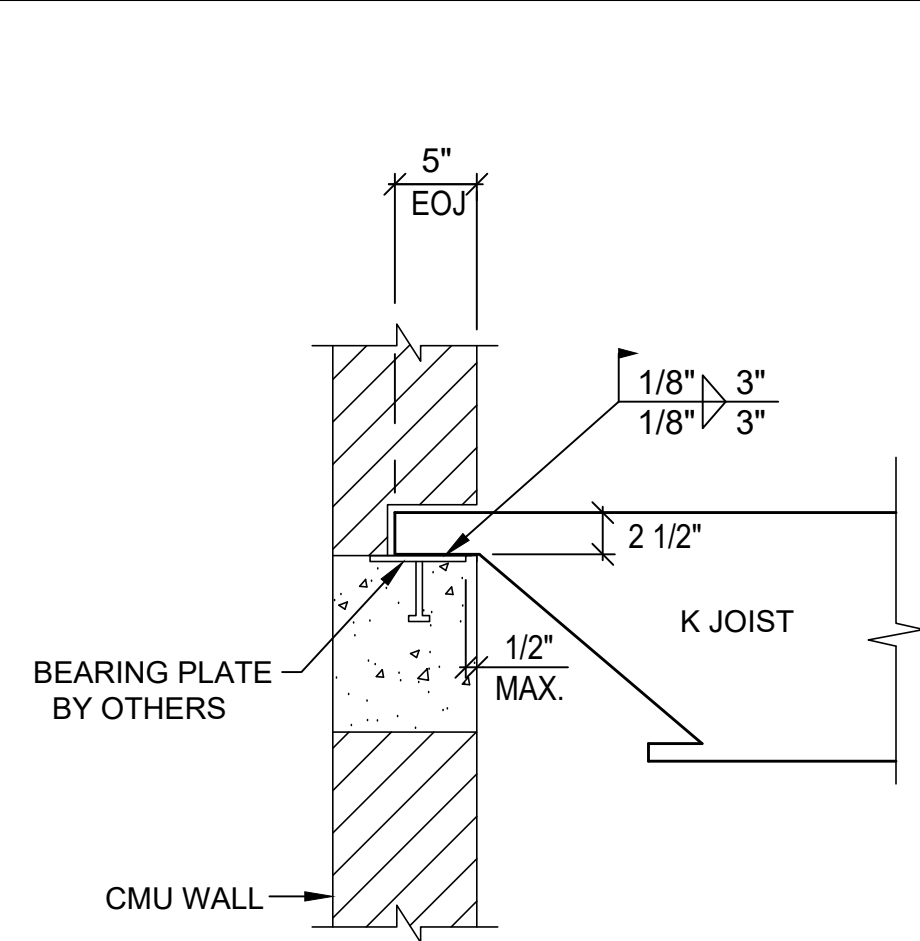
UPLIFT DIAGRAM

REF. : S-002

NET UPLIFT CHART :

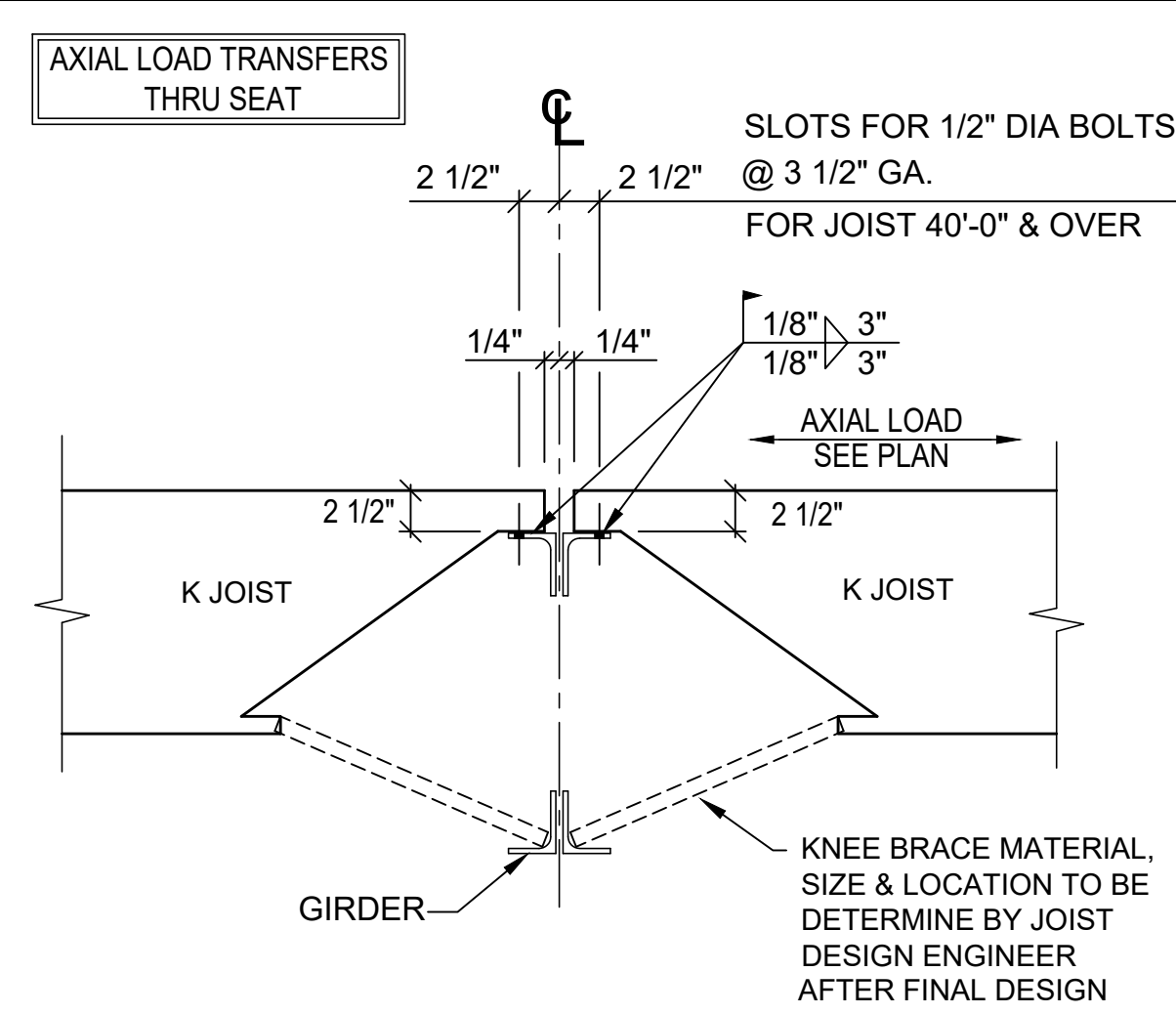
TRIBUTARY AREA	ZONE - 1'	ZONE - 1	ZONE - 2	ZONE - 3
100 SQ FT	- 16.4 PSF	- 24.4 PSF	- 34.4 PSF	- 34.4 PSF

NET UPLIFT = D + 0.6W (WHERE D = 6.0 PSF, W - GROSS UPLIFT)



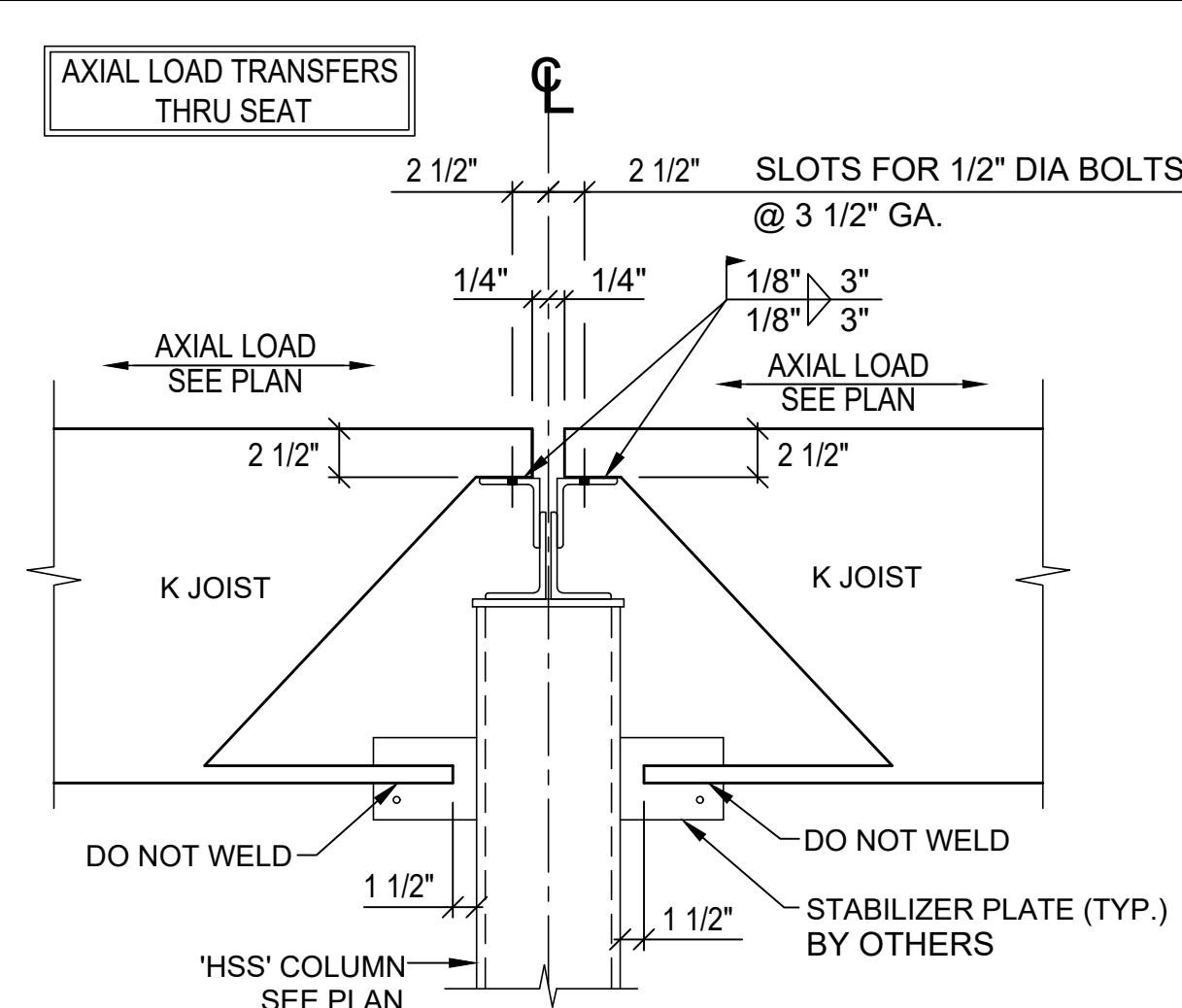
JOIST SECTION 1

REF. : 7/S-504



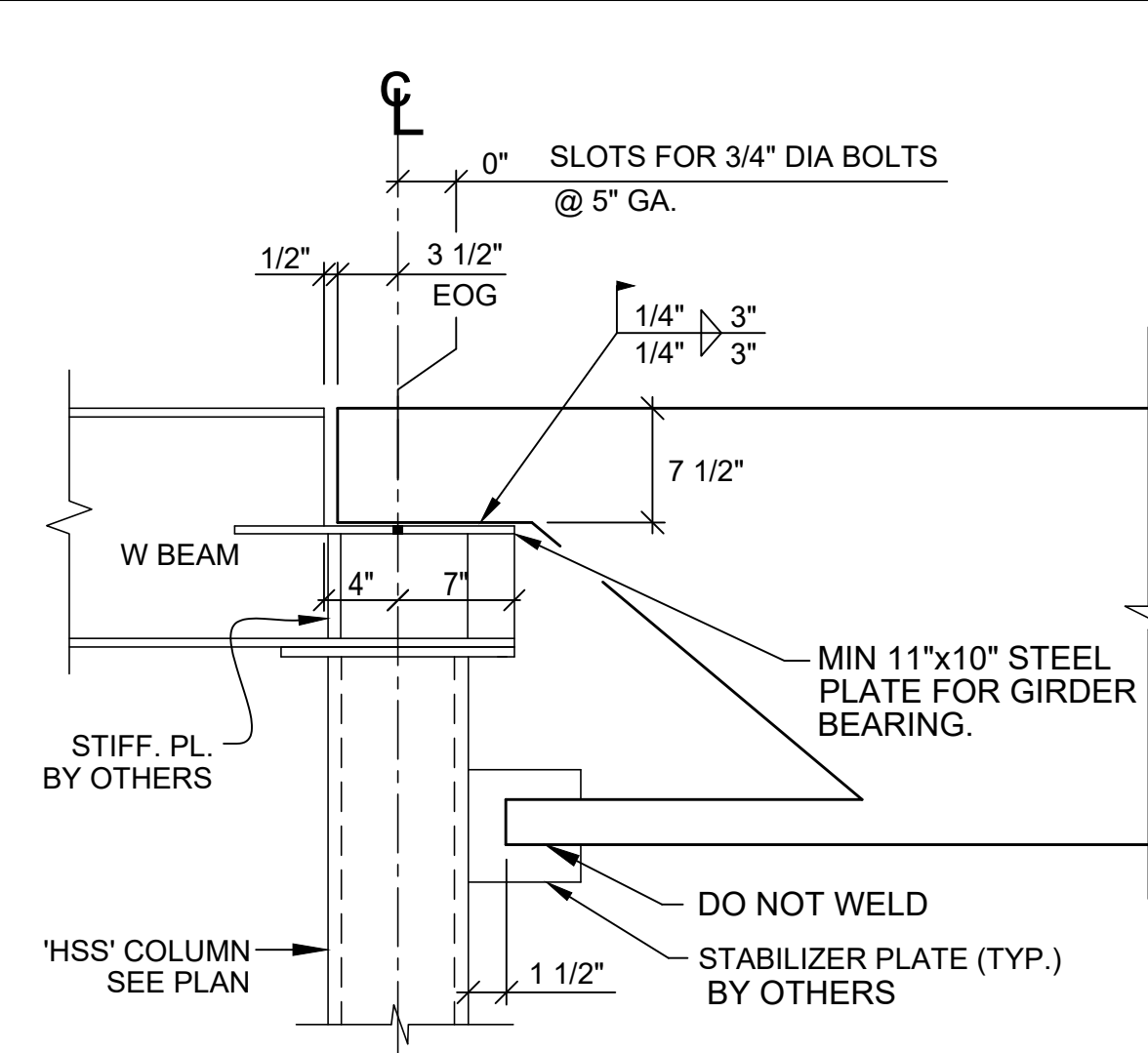
JOIST SECTION 2

REF. : 13/S-504
BOLTS BY OMD



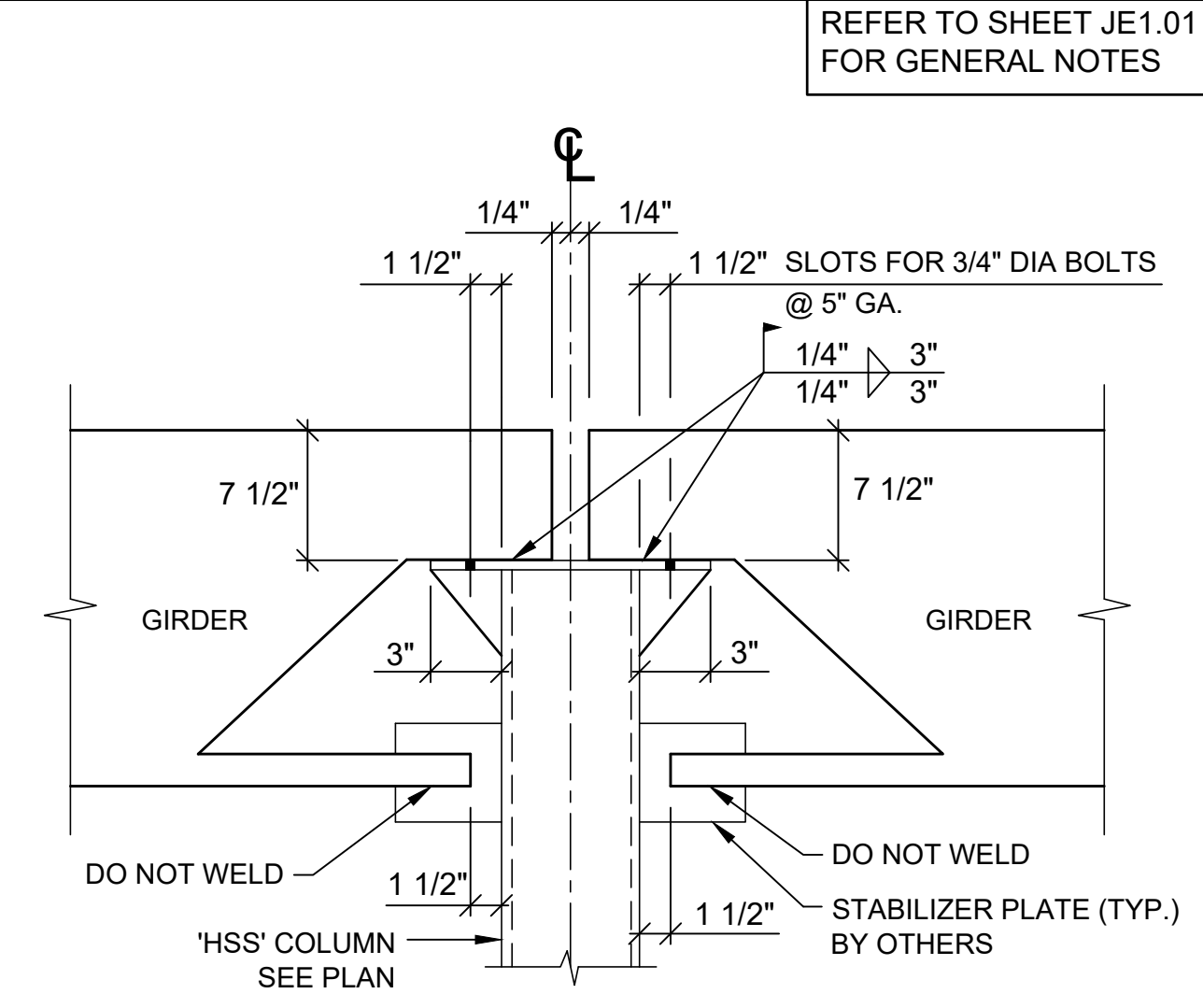
JOIST SECTION 3

REF. : 14/S-504
BOLTS BY OMD



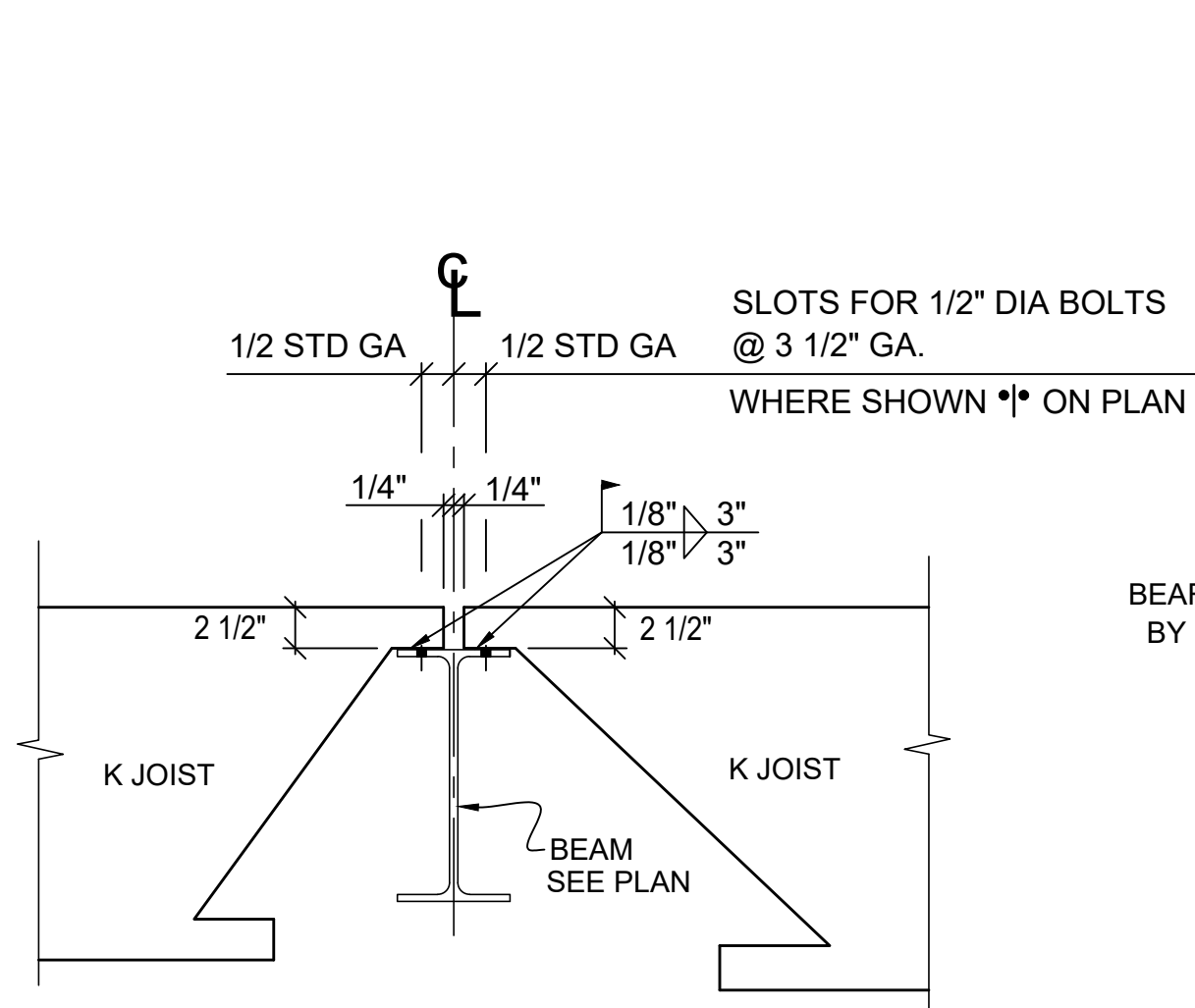
GIRDER SECTION 4

REF. : 20/S-504
BOLTS BY OTHERS



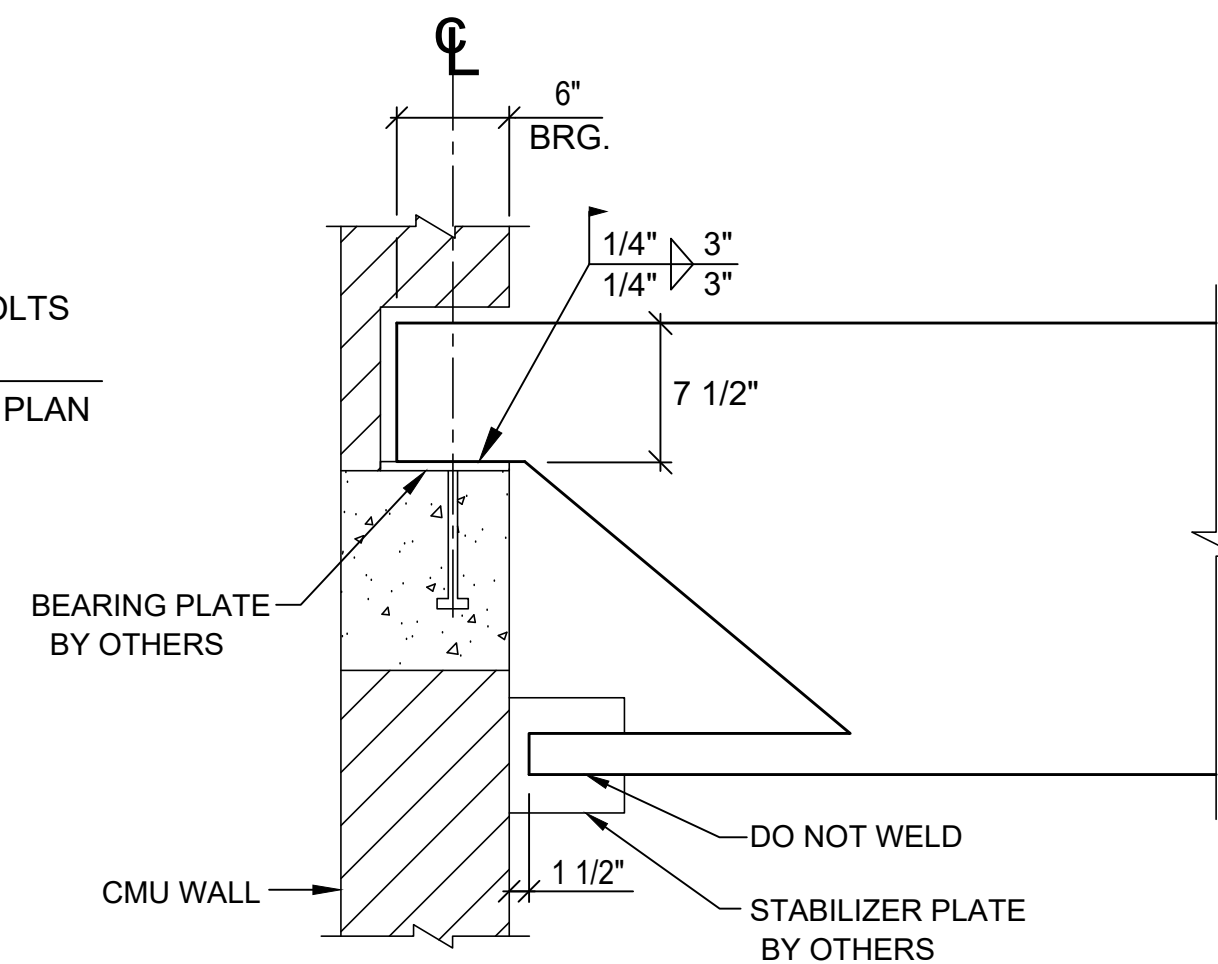
GIRDER SECTION 5

REF. : 15/S-504
BOLTS BY OTHERS



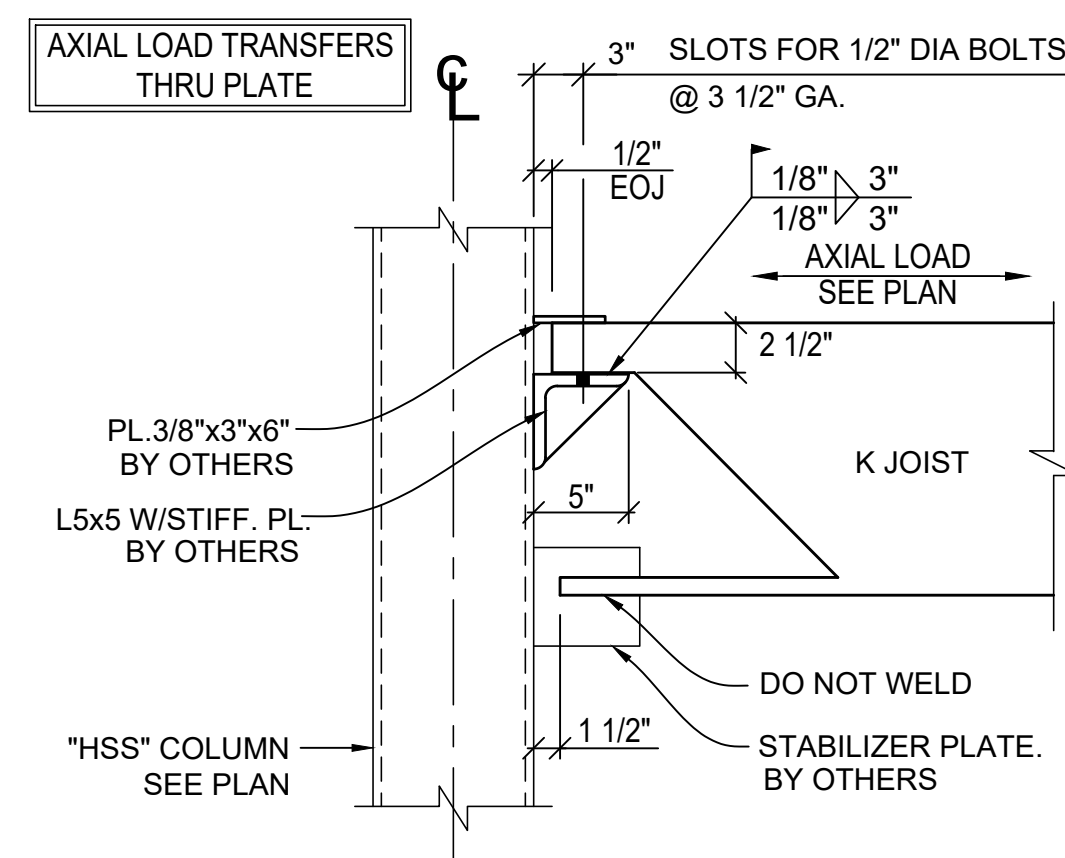
JOIST SECTION 6

REF. : 17/S-504
BOLTS BY OTHERS



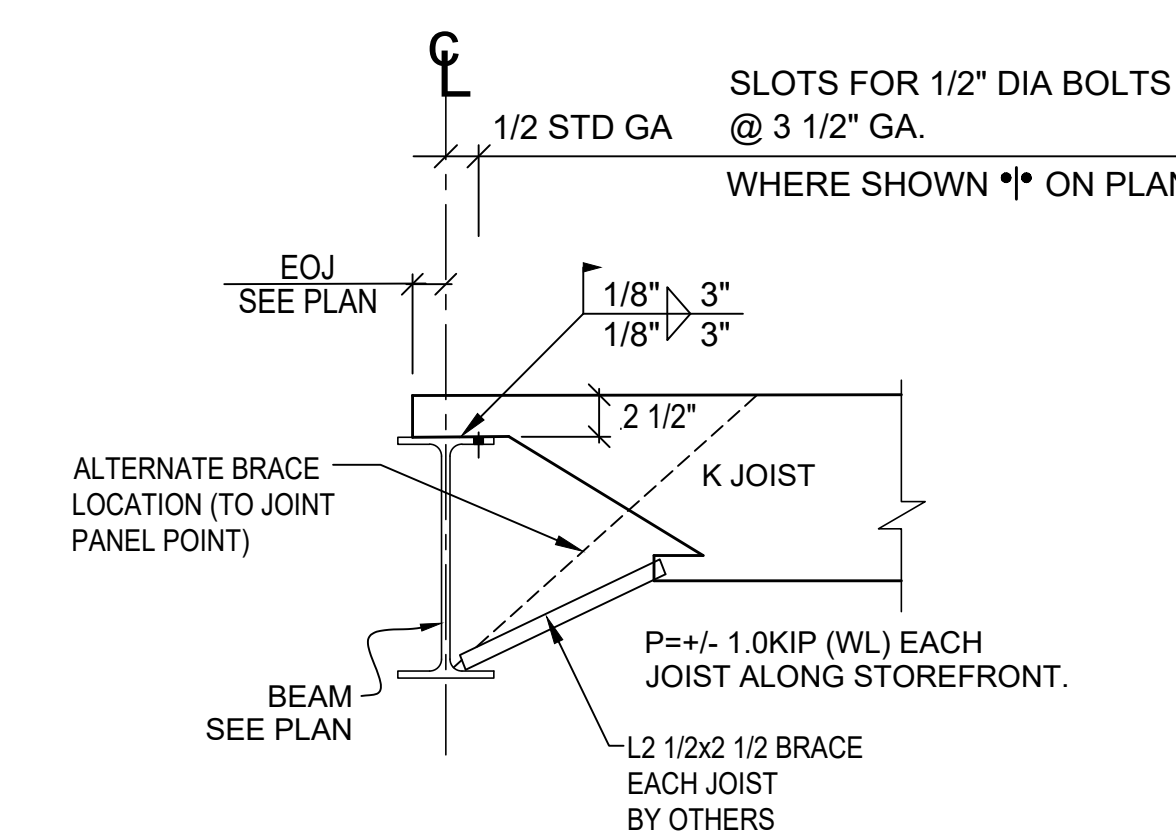
GIRDER SECTION 7

REF. : 12/S-504



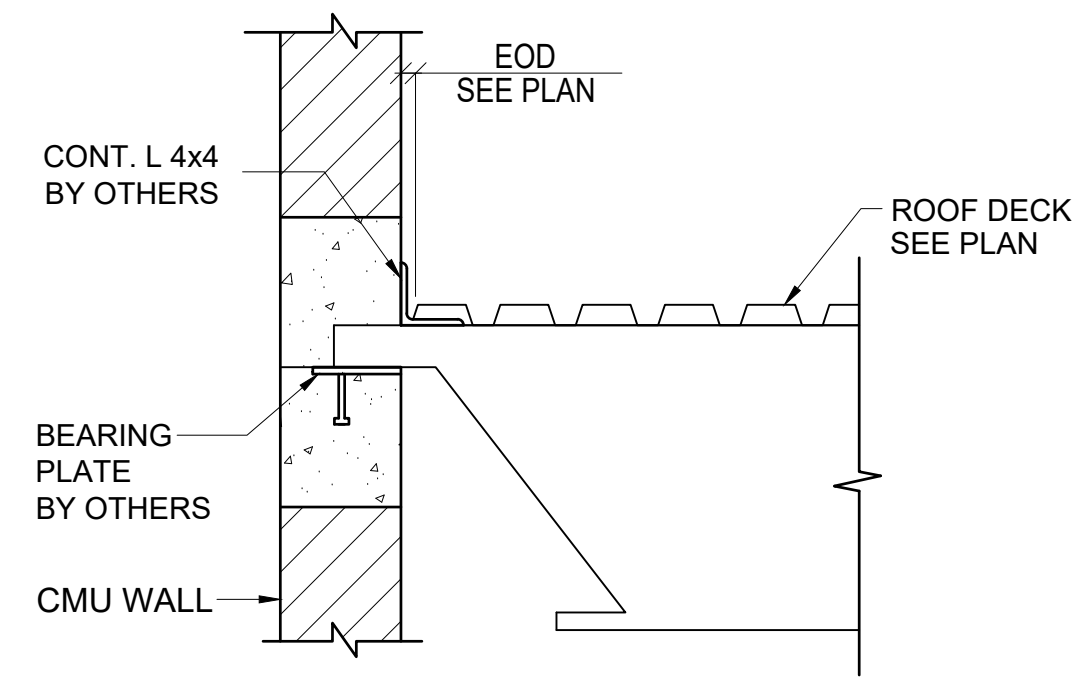
JOIST SECTION 8

REF. : 3/S-504
BOLTS BY OTHERS

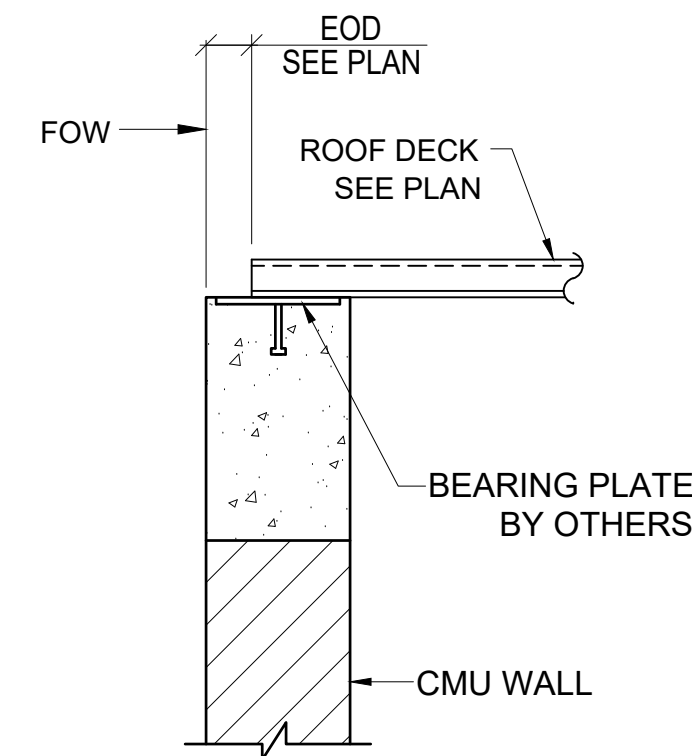


JOIST SECTION 9

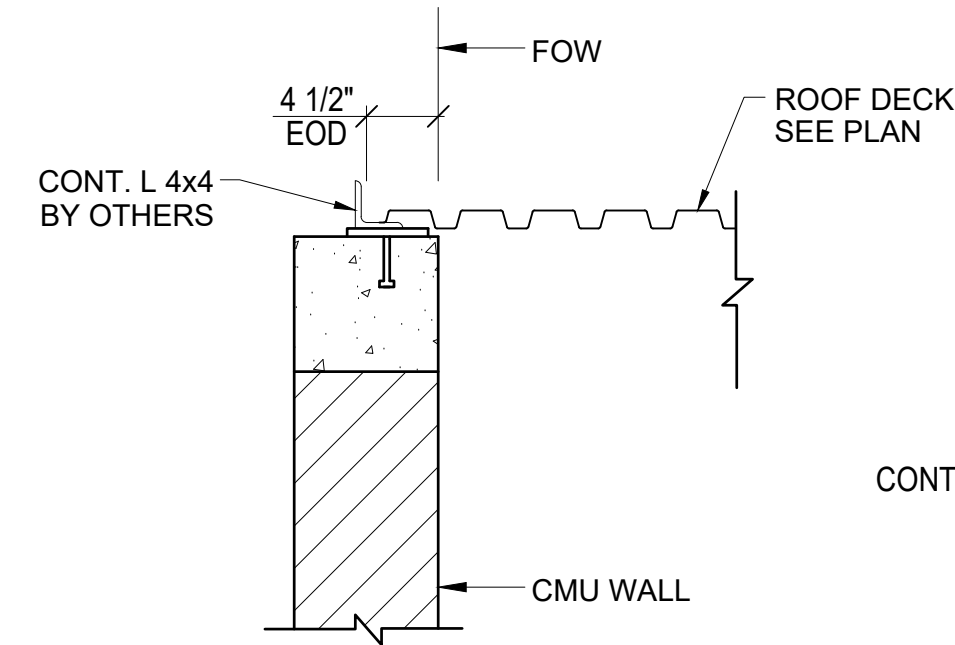
REF. : 1+2/S-504
BOLTS BY OTHERS



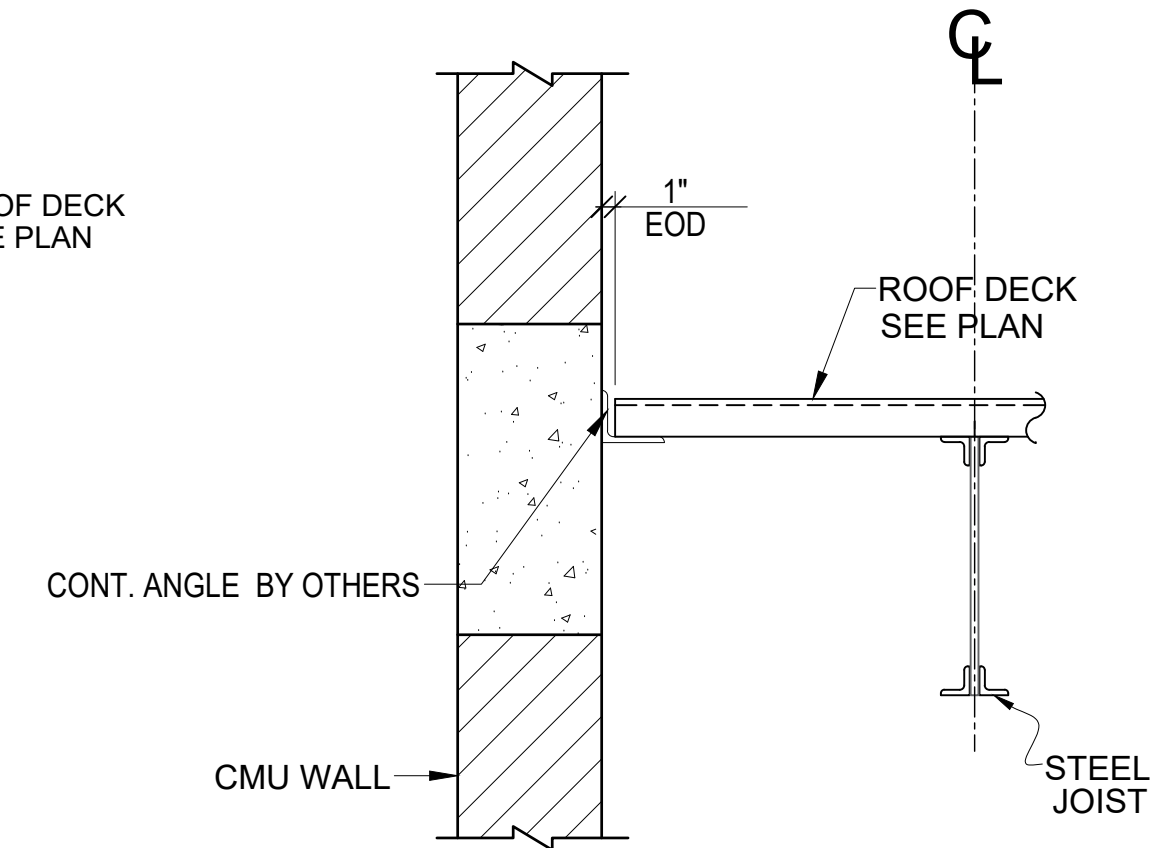
DECK SECTION 1
REF. : 7/S-504



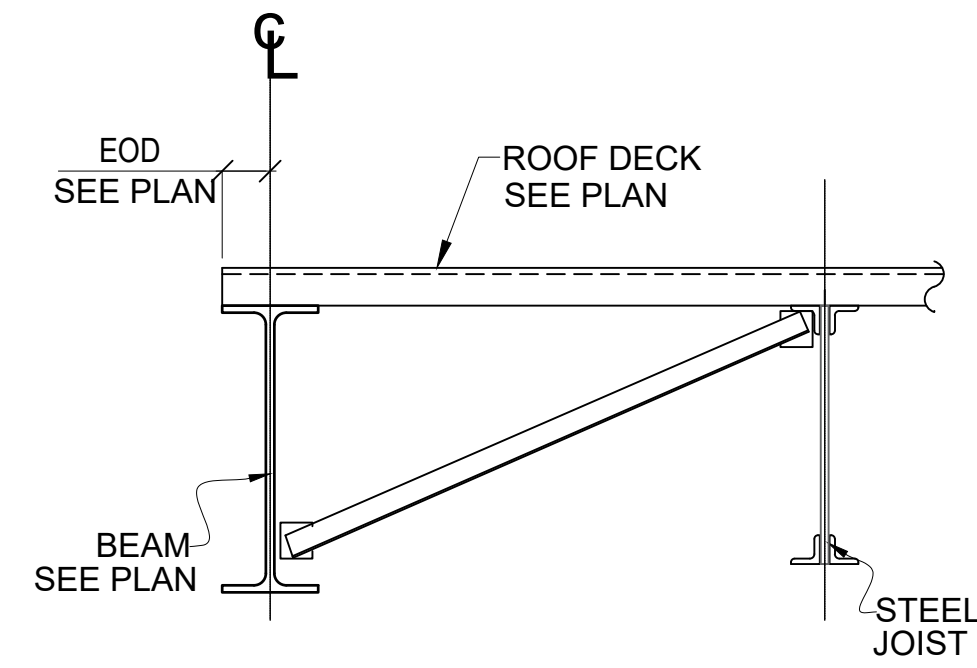
DECK SECTION 2
REF. : 6/S-504



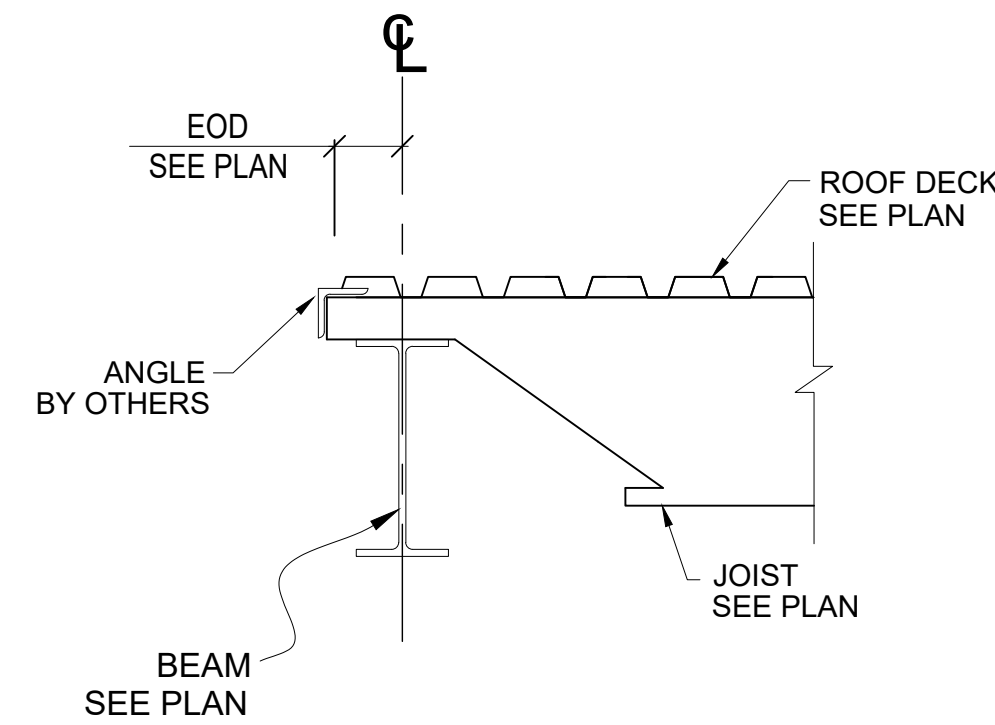
DECK SECTION 3
REF. : NOT PROVIDED



DECK SECTION 4
REF. : 8/S-504



DECK SECTION 5
REF. : 10/S-504



DECK SECTION 6
REF. : 2/S-504

Architectural floor plan showing a building layout with grid lines 1-4 and C-F. The plan includes various rooms, corridors, and mechanical units (RTU). Key dimensions and labels are as follows:

- Grid Lines:** 1, 1.5, 2, 2.6, 3, 3.5, 4 (Horizontal); C, D.2, E, F (Vertical).
- Dimensions:**
 - Horizontal: 27'-0", 30'-0", 30'-0", 30'-0", 26'-6", 26'-6", 8". Total width: 168'-8".
 - Vertical: 33'-4", 32'-8", 17'-4", 36'-4", 19'-0", 14'-4", 22'-0". Total depth: 33'-4".
- Rooms and Units:**
 - 01D-R1 16 @ 26'-6"
 - 01D-R2 23 @ 30'-4"
 - 01D-R3 23 @ 30'-4"
 - 01D-R4 23 @ 30'-4"
 - 01D-R5 23 @ 26'-10"
 - 01D-R6 13 @ 26'-7"
 - 01D-R6 10 @ 26'-0"
 - 01D-R7 1 @ 17'-0"
- Other Features:**
 - RTU (Refrigeration/Thermostat Unit) locations.
 - START DECK near grid line C.
 - 3" EOD (End of Deck) markers.
 - 1/4" : 12" SLOPE indicators.
 - Inset detail in top right corner showing dimensions 5'-0", 21'-0", and 7'-4 1/2".

REF. : 1/S-102

SCREWS - #10 -16x3/4" Type/1 (Side Laps)