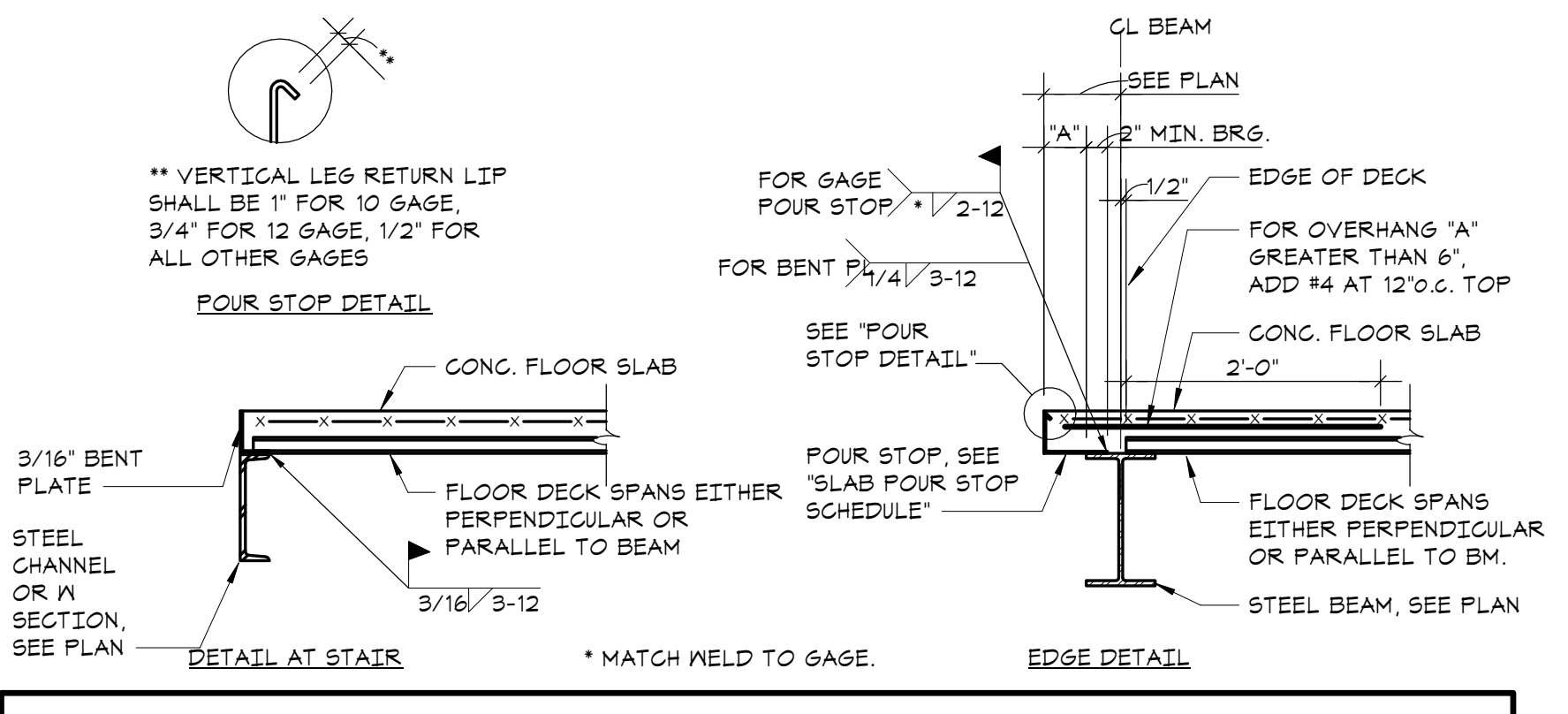


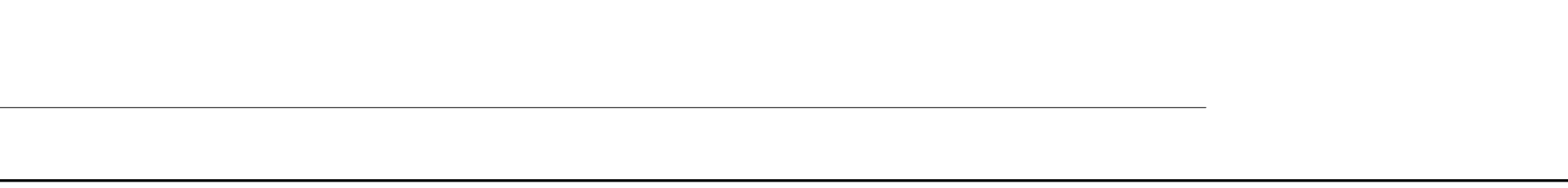
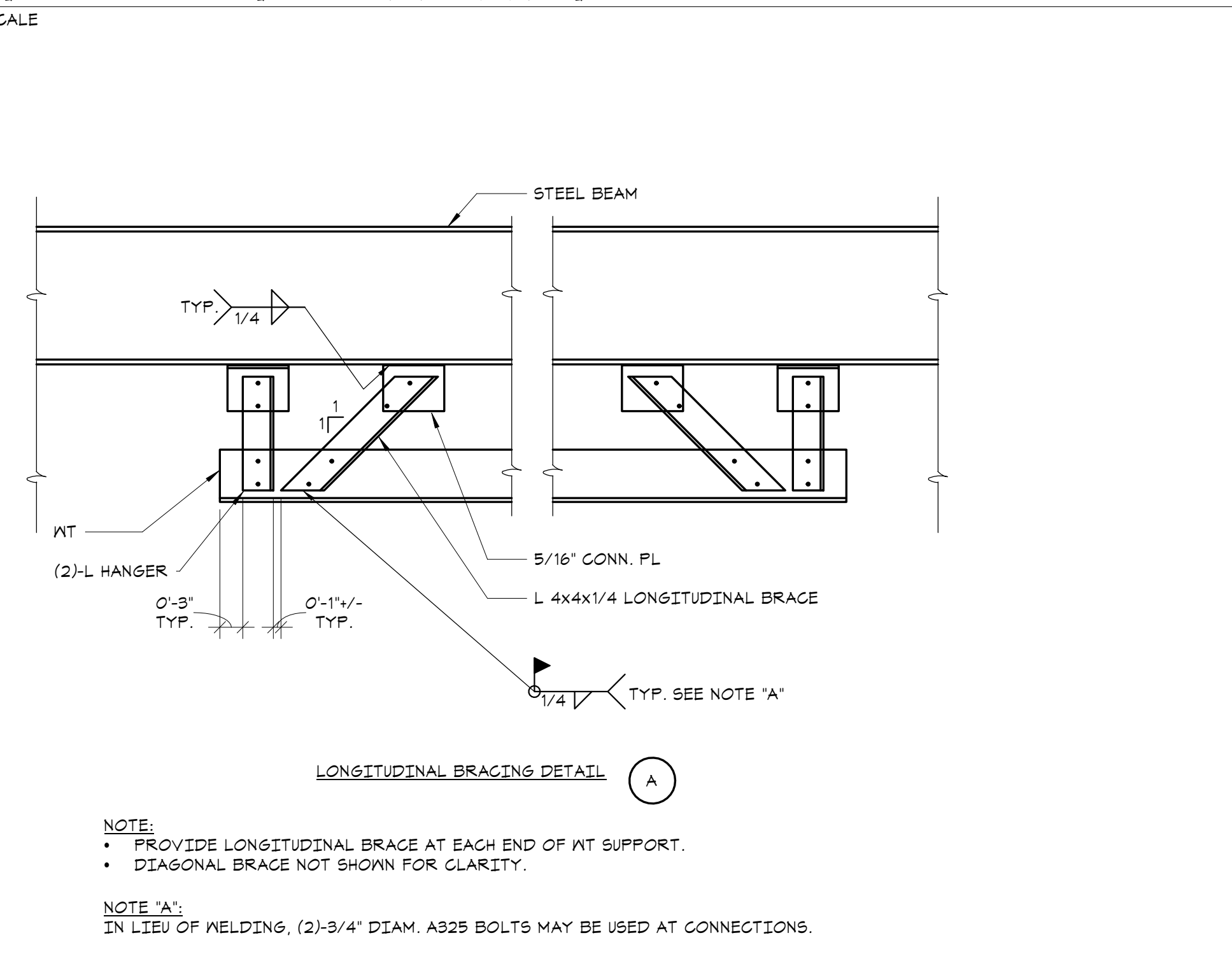
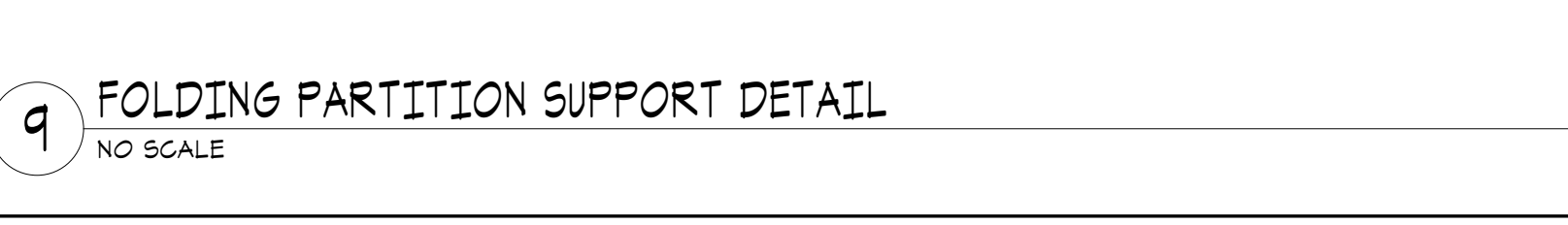
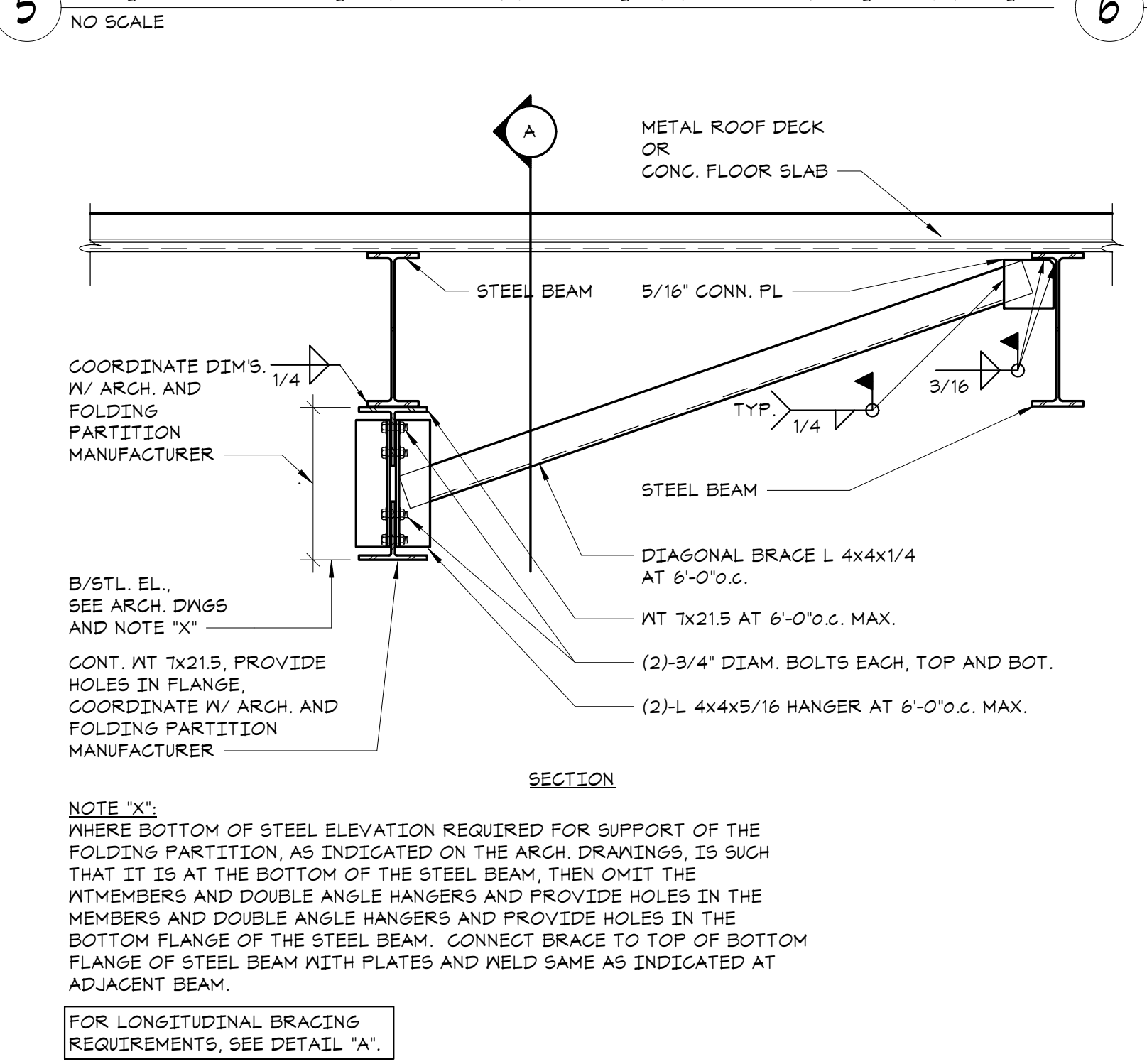
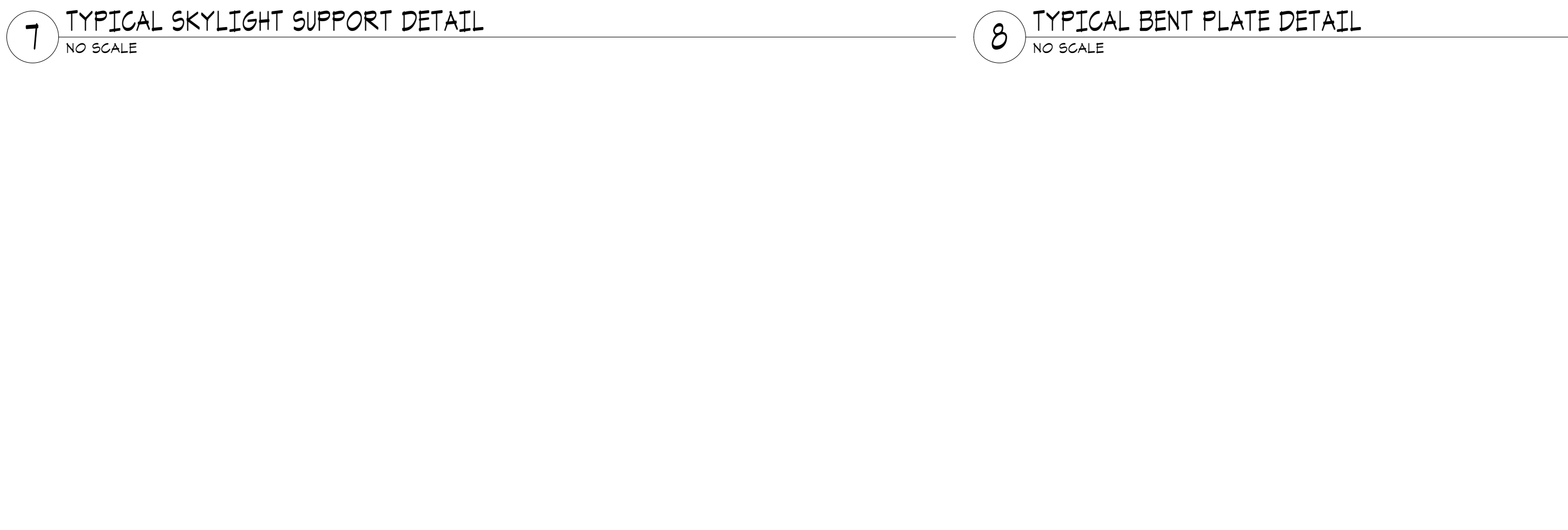
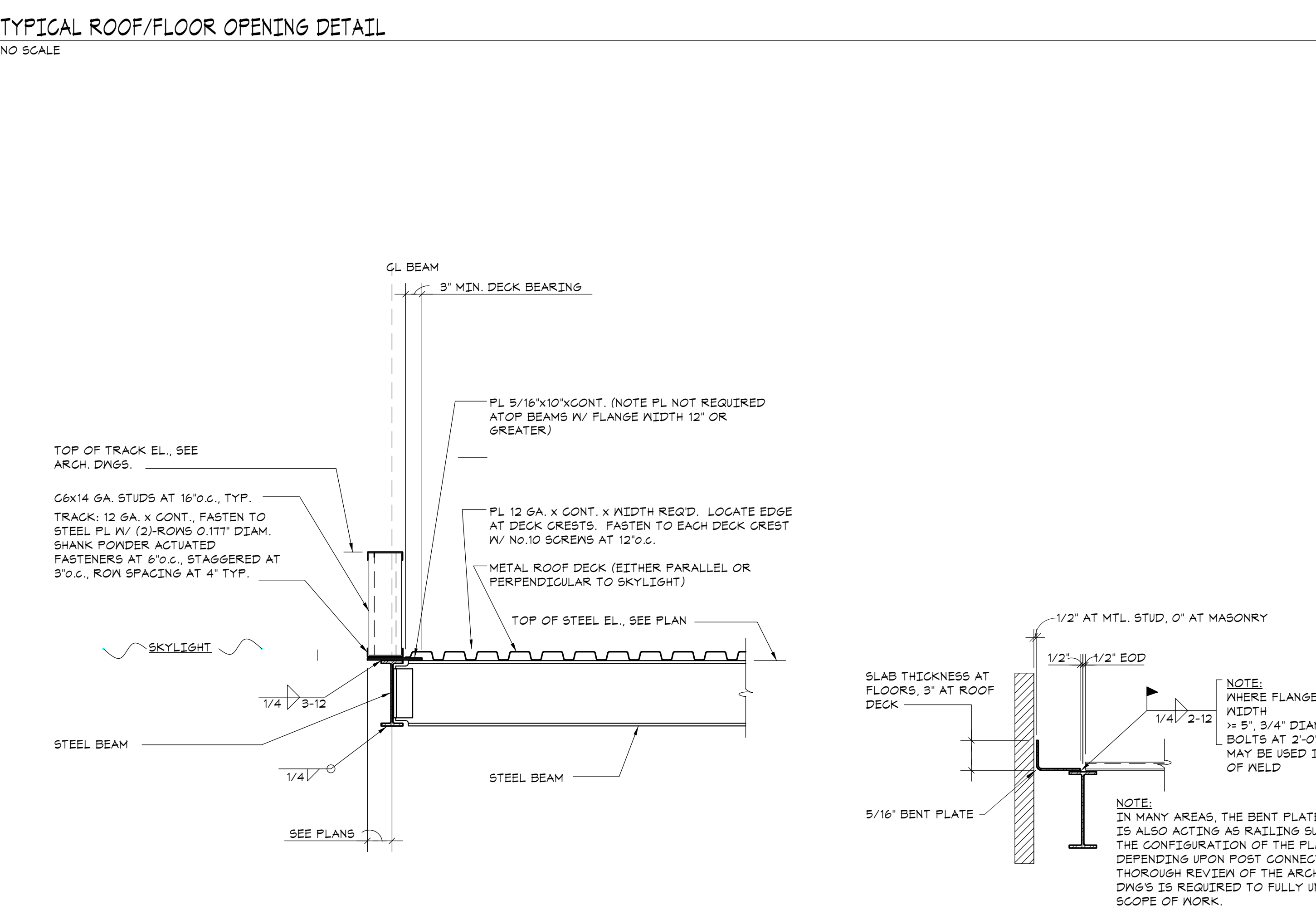
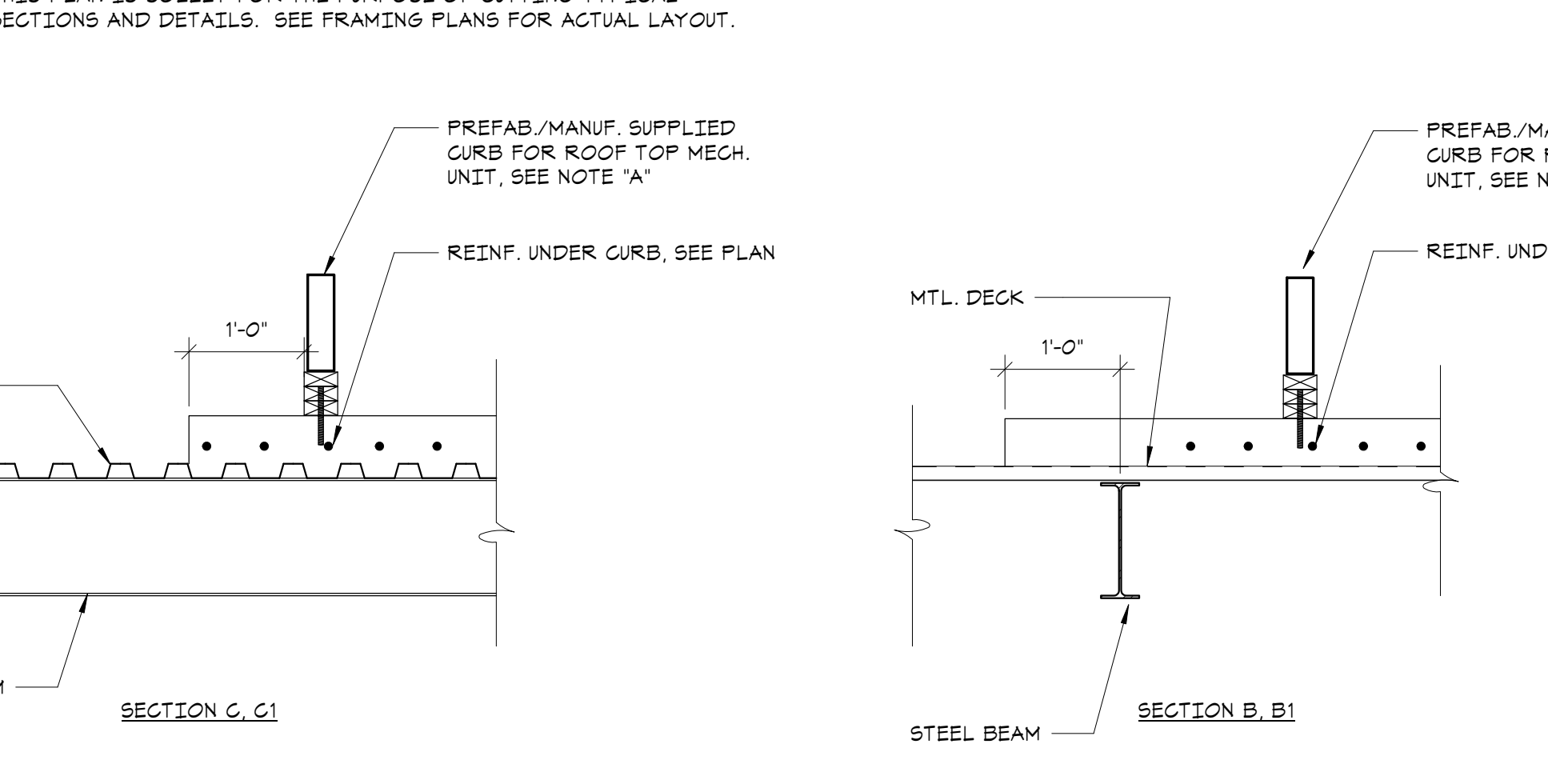
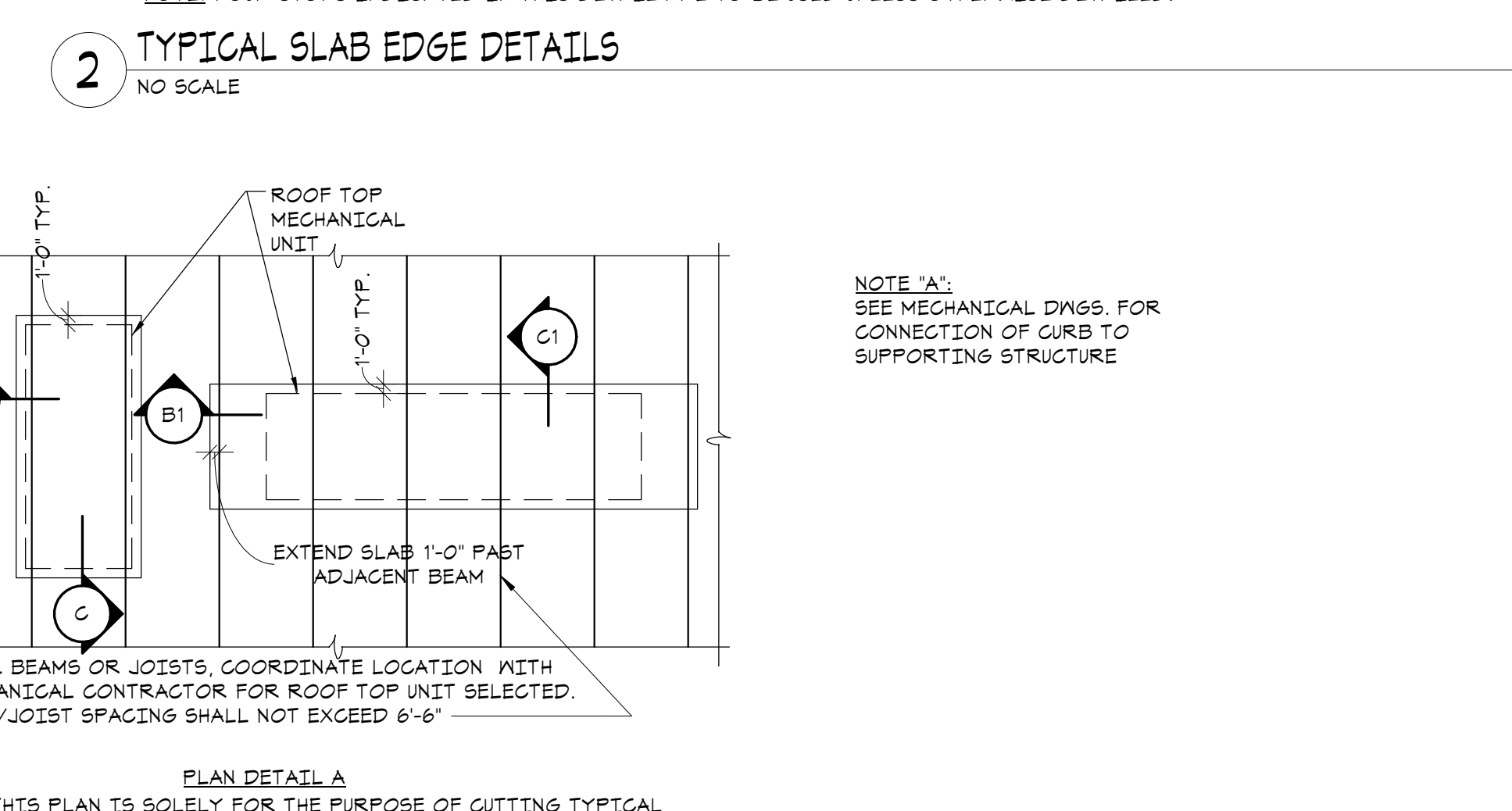
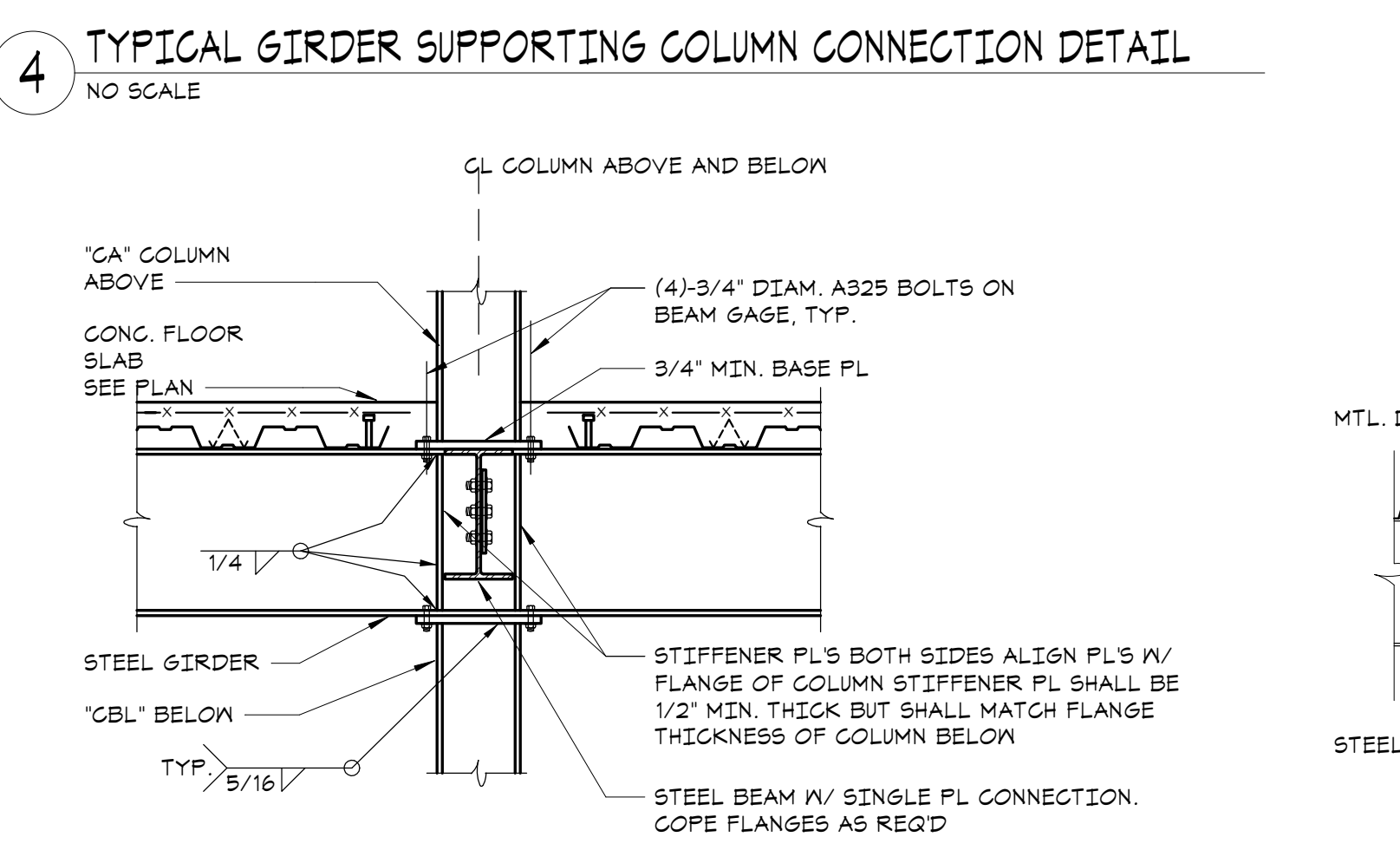
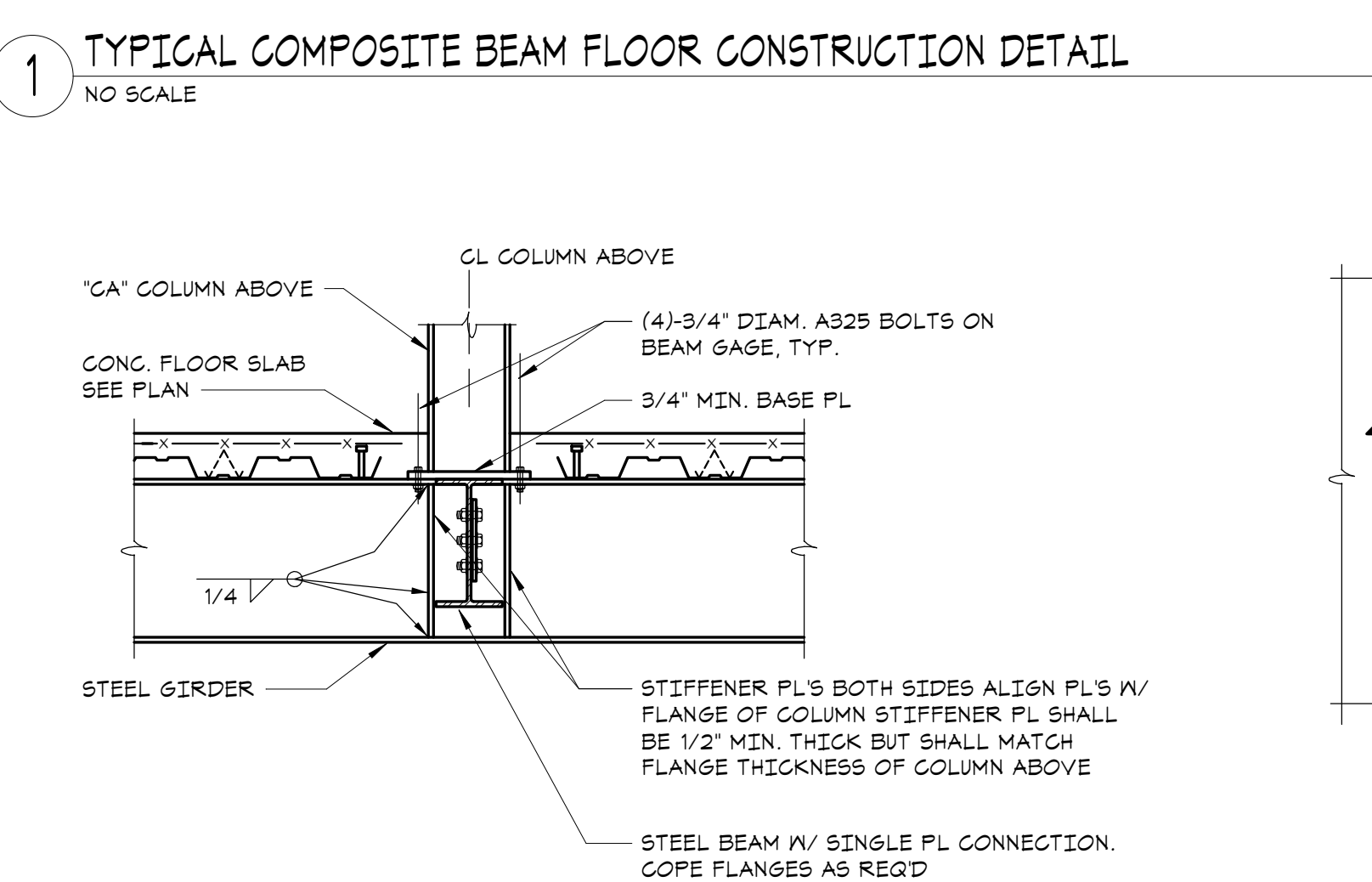
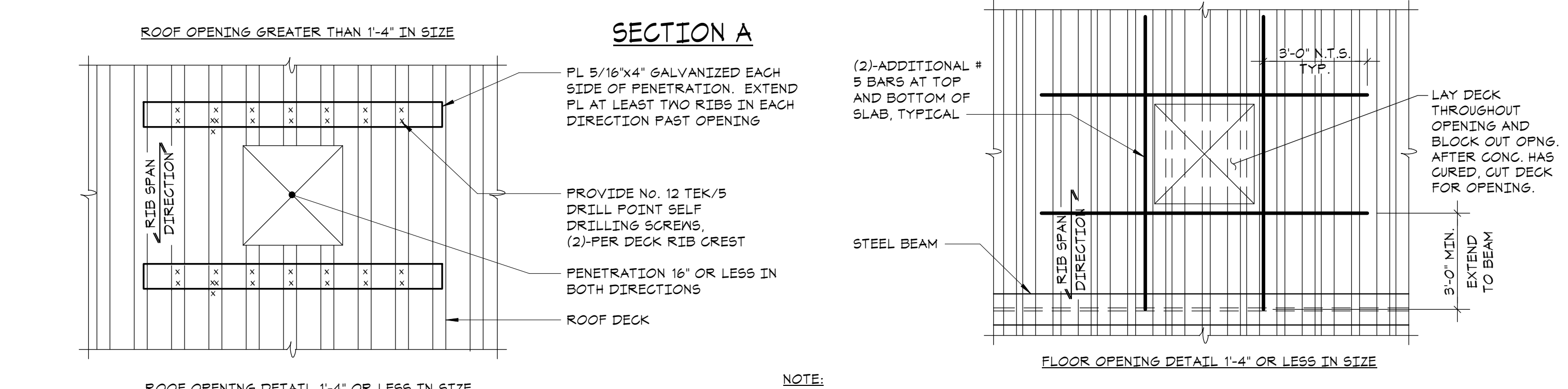
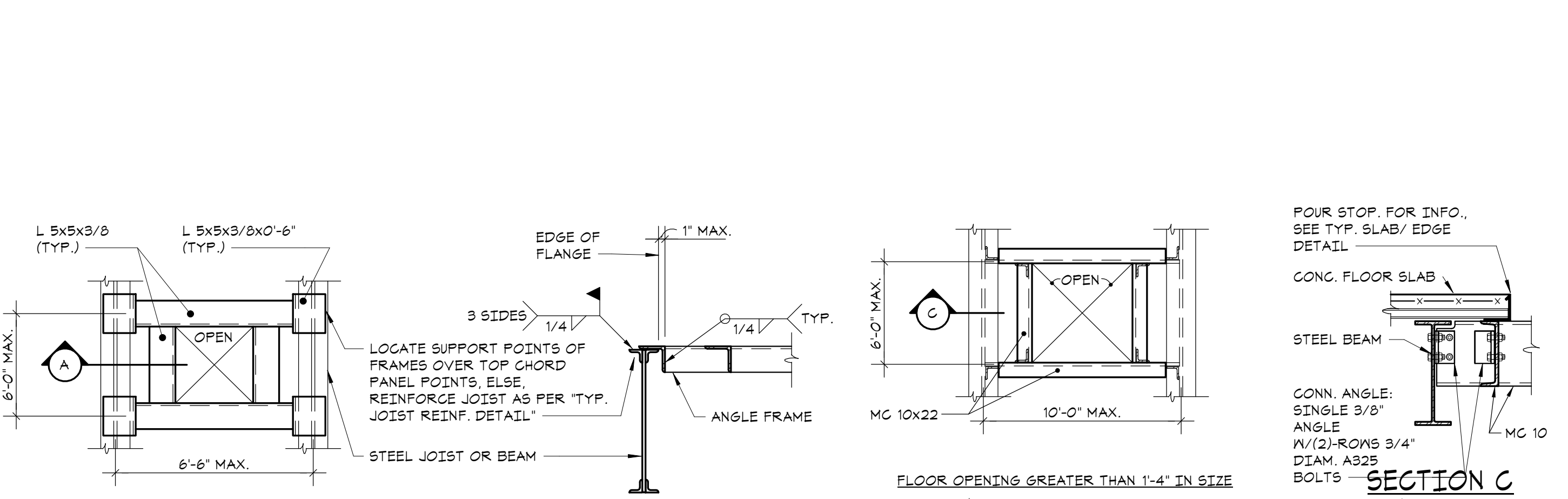
- 1. TYPICAL COMPOSITE BEAM FLOOR CONSTRUCTION DETAIL**
NO SCALE
- 1.** HEADED STUD SHEAR CONNECTORS SHALL BE 3/4" DIAM. x LENGTH (AFTER INSTALLATION) AS FOLLOWS:
- FOR 1 1/2" DECK, STUD LENGTH = 3"
 - FOR 2" DECK, STUD LENGTH = 3 1/2"
 - FOR 3" DECK, STUD LENGTH = 3"
- 2.** SEE PLAN FOR NUMBER REQUIRED. BEAMS INDICATED (XX) REQUIRE XX NUMBER OF STUDS UNIFORMLY SPACED ALONG THE LENGTH OF THE BEAM.
- 3.** BEAMS AND GIRDERS INDICATED (XX-X-XX) REQUIRE XX NUMBER OF STUDS UNIFORMLY SPACED BETWEEN THE END OF THE BEAMS AND GIRDERS AND THE FIRST SUPPORTED BEAM AND X NUMBER OF STUDS BETWEEN THE TWO SUPPORTED BEAMS. SEE PLANS FOR ADDITIONAL SPACING REQUIREMENTS.
- 4.** WHEN THE QUANTITY OF STUDS EXCEEDS THE QUANTITY OF AVAILABLE RIBS OR THE REQUIRED MINIMUM SPACING, THEN THE EXCESS STUDS SHALL BE PLACED IN PAIRS STARTING AT EACH END OF THE BEAM.
- 5.** MINIMUM STUD SPACING SHALL BE 4 1/2" ALONG THE LENGTH OF THE BEAM AND 3" ACROSS WIDTH OF THE BEAM FLANGES.
- 6.** FLOOR CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FIRE RESISTANCE RATINGS AND THE UL DESIGN NO. AS INDICATED ON THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.



2. TYPICAL SLAB EDGE DETAILS
NO SCALE

SLAB THICKNESS	'A' DIMENSION (OVERHANG)	POUR STOP
2 1/2" TO 5 1/2"	0' UP TO 2"	10 GA.
	GREATER THAN 2", UP TO 4"	16 GA.
	GREATER THAN 4", UP TO 6"	14 GA.
	GREATER THAN 6", UP TO 8"	12 GA.
	GREATER THAN 8", UP TO 11"	10 GA.
5 3/4" TO 6 1/2"	0' UP TO 2"	16 GA.
	GREATER THAN 2", UP TO 4"	14 GA.
	GREATER THAN 4", UP TO 8"	12 GA.
8 3/4" TO 8"	0' UP TO 1"	14 GA.
	GREATER THAN 1", UP TO 5"	12 GA.
	GREATER THAN 5", UP TO 8"	10 GA.
	GREATER THAN 8", UP TO 1'-4"	5/16" BENT PLATE

NOTE: POUR STOPS INDICATED IN THIS DETAIL ARE TO BE USED UNLESS OTHERWISE DETAILED.



NEW COMMUNITY SCHOOL 35 AT ST DENIS SITE
YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue, Yonkers, NY 10705

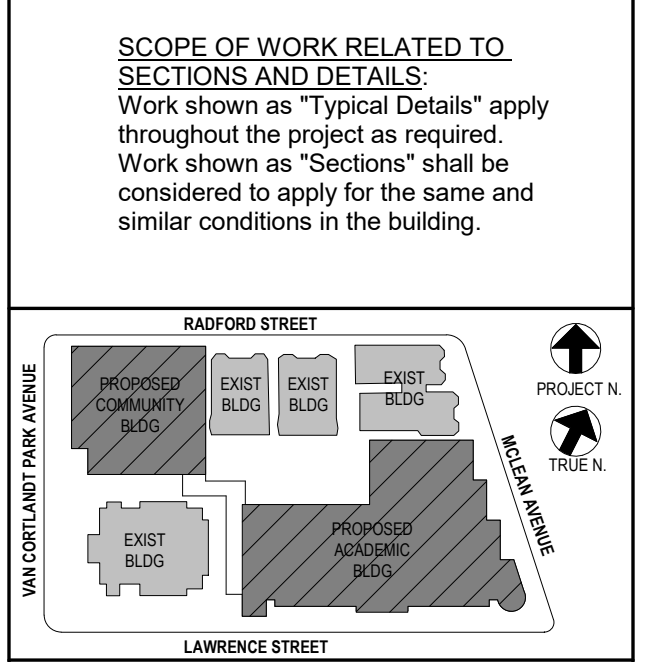
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NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

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Work shown as "Typical Details" apply throughout the project as required. Work shown as "Sections" shall be considered to apply for the same and similar conditions in the building.

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Professional Seal

4	11/01/21	ISSUE FOR BID
3	07/14/21	CONSTRUCTION DOCS - NYSED
2	12/15/20	DESIGN DEVELOPMENT
1	08/31/20	SCHEMATIC DESIGN

No. 1 Date Issue

Sheet Title

STEEL FRAMING SCHEDULES AND TYPICAL DETAILS

Job No. 20142.00 Date 10/30/2020
Scale AS NOTED Engr'n / Checked TM / EM

Sheet Number **S301**