

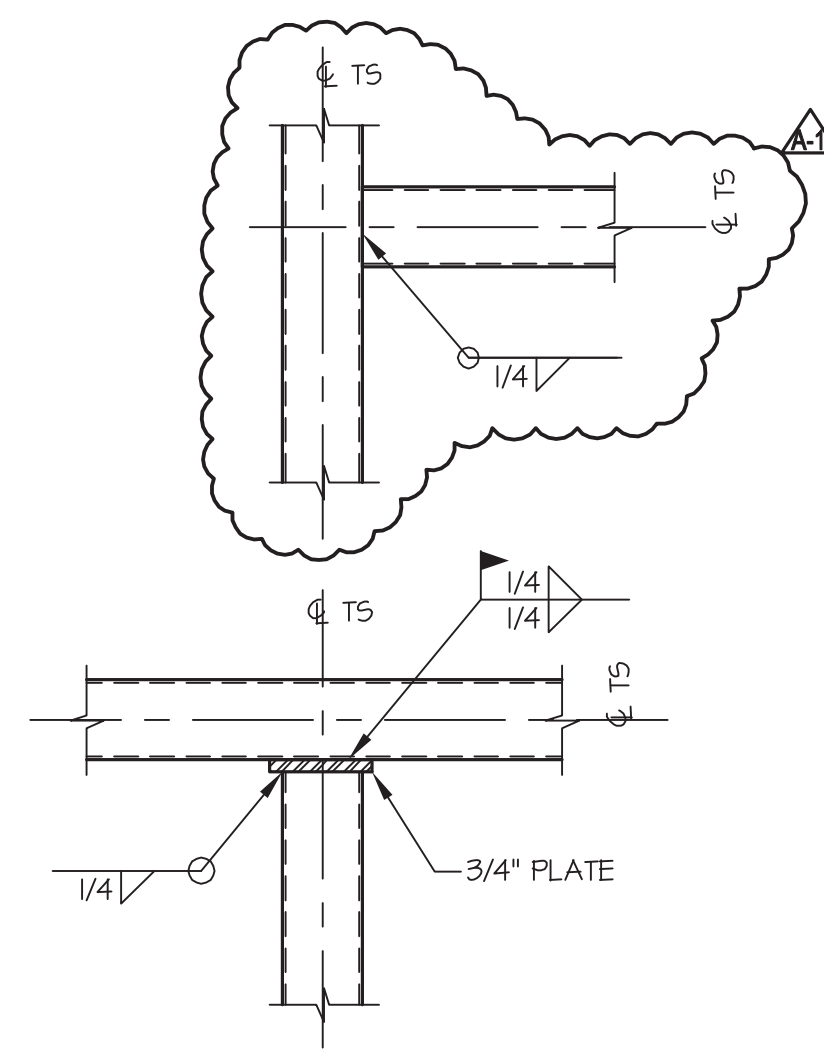
AT NO MASONRY			AT MASONRY		
PARAPET HEIGHT	STUD	G TO G SPACING	PARAPET HEIGHT	STUD	G TO G SPACING
UP TO 8'-6"	800162-54	16"	UP TO 7'-0"	800162-54	16"
8'-6" TO 9'-6"	800162-54	12"	7'-0" TO 8'-4"	800162-54	12"
9'-6" TO 10'-6"	(2)-800162-54	16"	8'-4" TO 9'-6"	(2)-800162-54	16"
10'-6" TO 11'-6"	(2)-800162-54	12"	9'-6" TO 11'-6"	(2)-800162-54	12"
11'-6" TO 13'-10"	(2)-8005162-4T	12"			

NOTES:
 1. PARAPET HEIGHT MEASURED FROM STUD CLIP TO TOP OF STUDS.
 2. (2)-800162-54 INDICATES DOUBLED (BACK-TO-BACK) STUDS AT SPACING INDICATED.
 3. THESE ARE MINIMUM STUD REQUIREMENTS FOR PARAPET CONDITION. IF LARGER STUDS OR CLOSER SPACING IS REQUIRED FOR ANY REASON, THE MORE STRINGENT REQUIREMENT SHALL CONTROL.

TYPICAL DETAIL
 MIN. STUD REQUIREMENTS AT EXTERIOR
 WALLS WITH PARAPETS

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

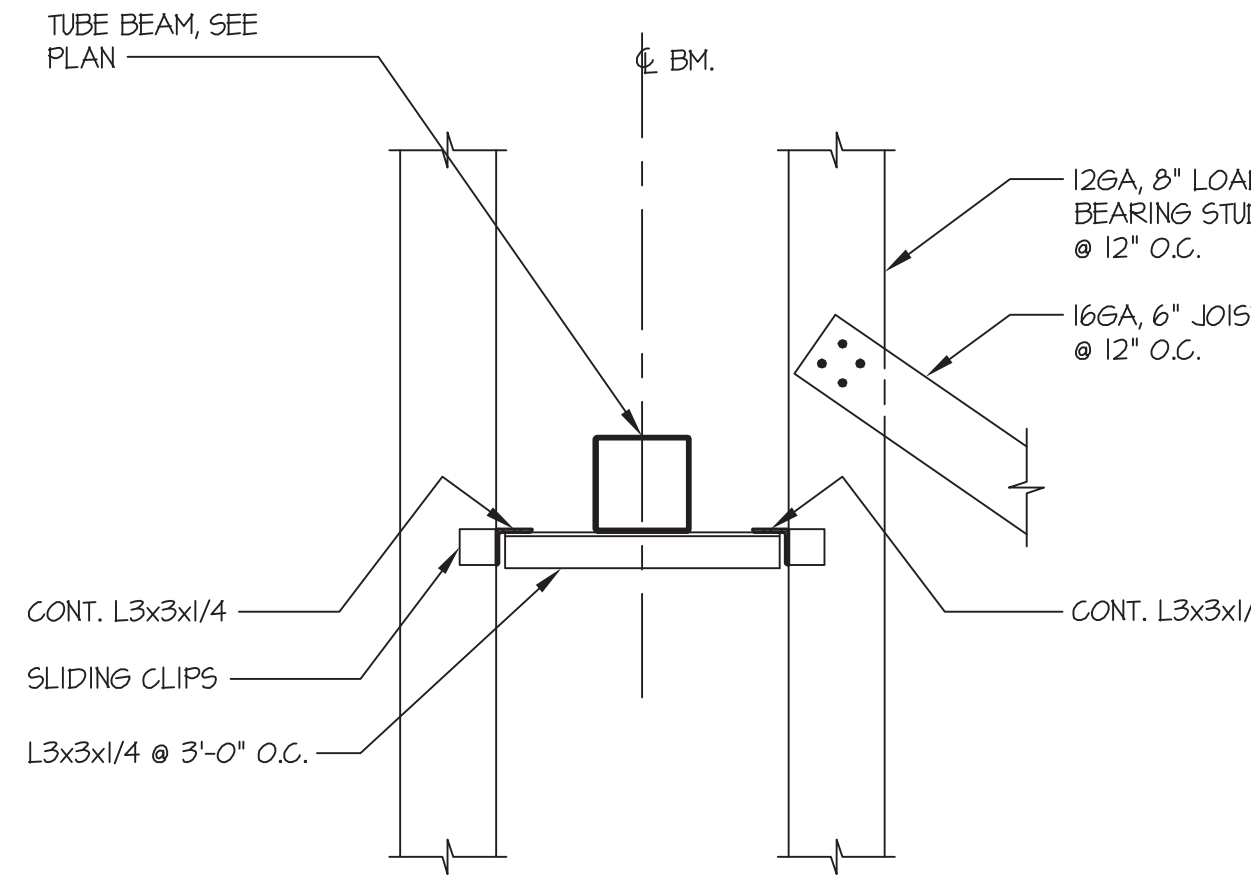
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TYPICAL DETAIL
 TUBE BEAM TO TUBE - COL. CONNECTION

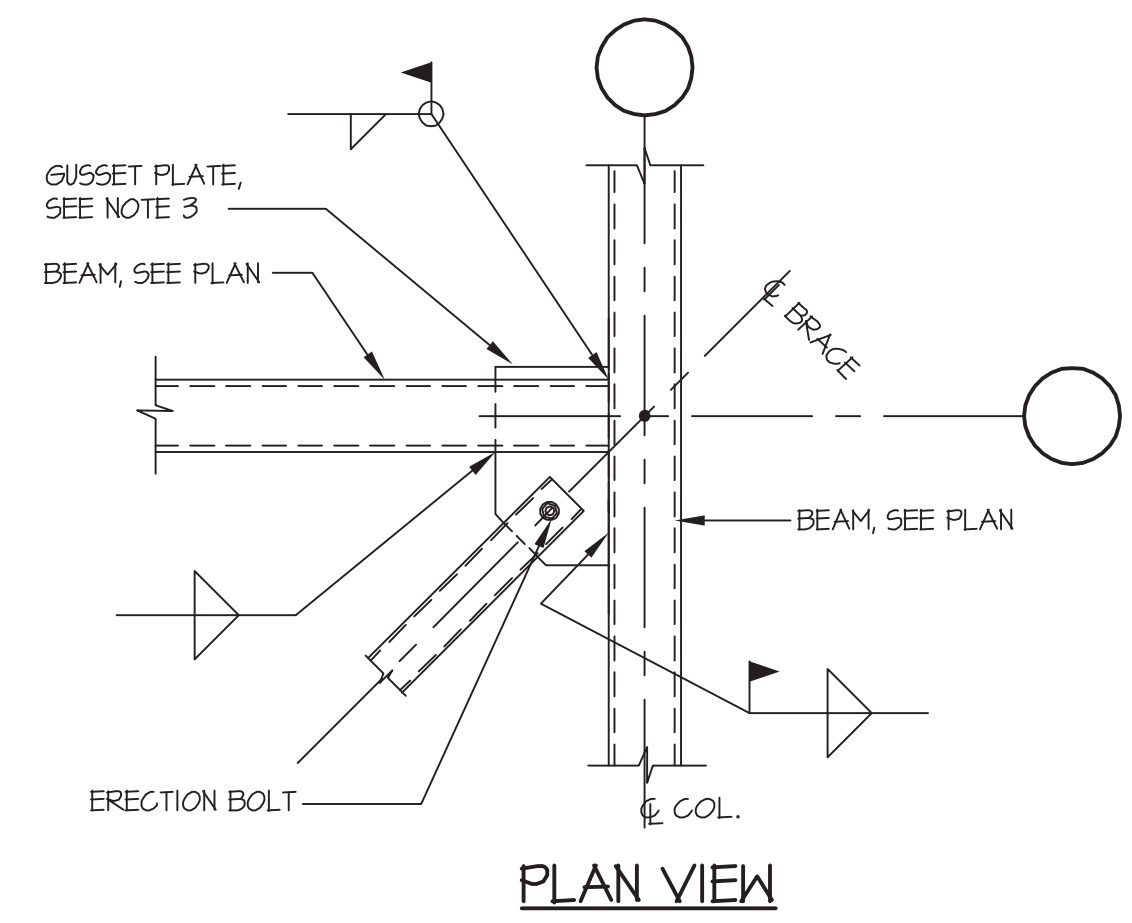
SCALE: NONE

16



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

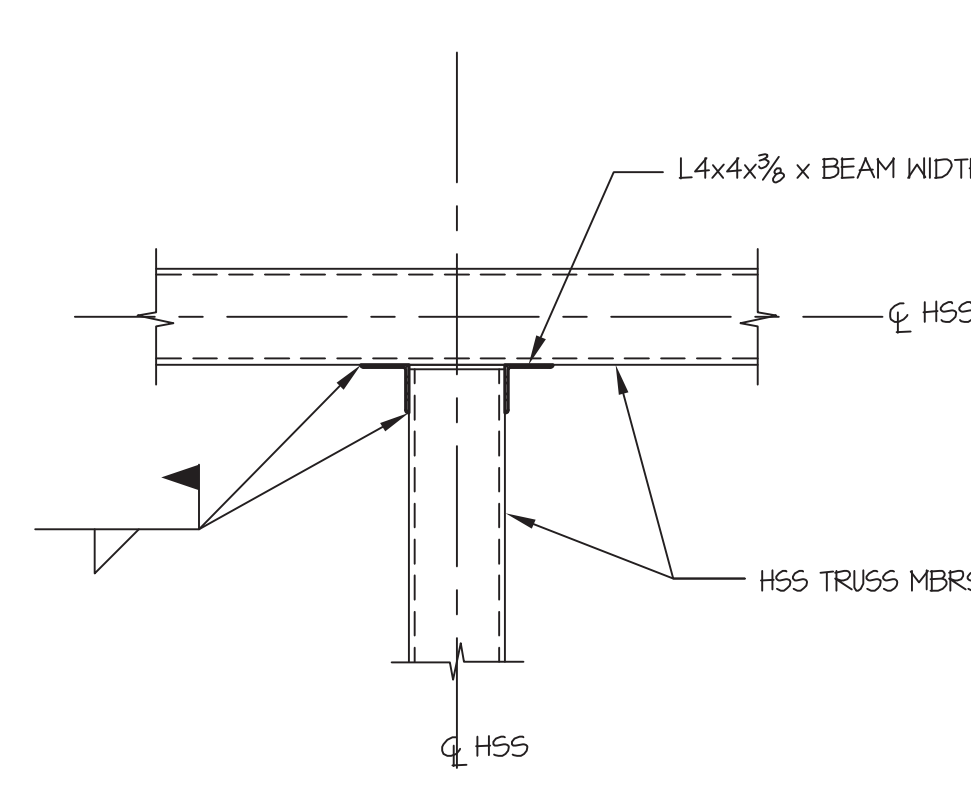
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BRACE CONNECTION

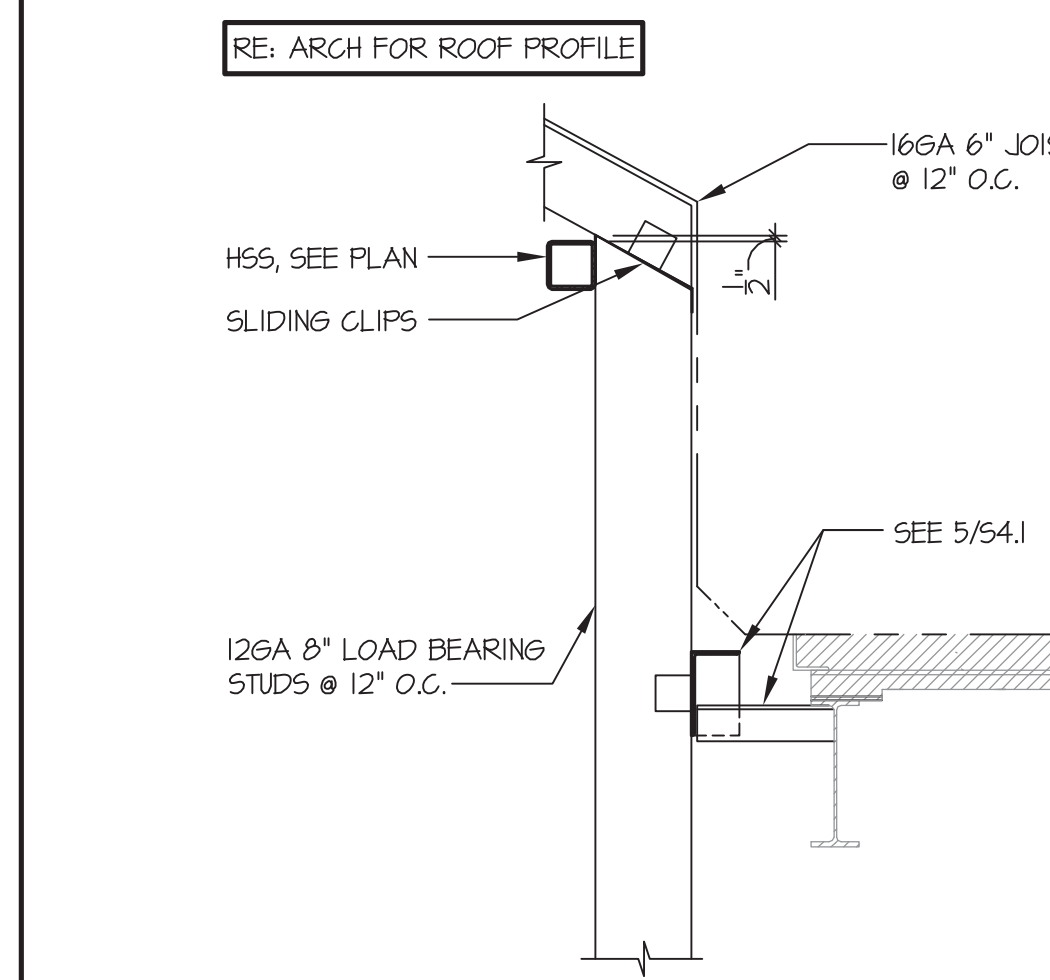
SCALE: 3/4" = 1'-0"

4



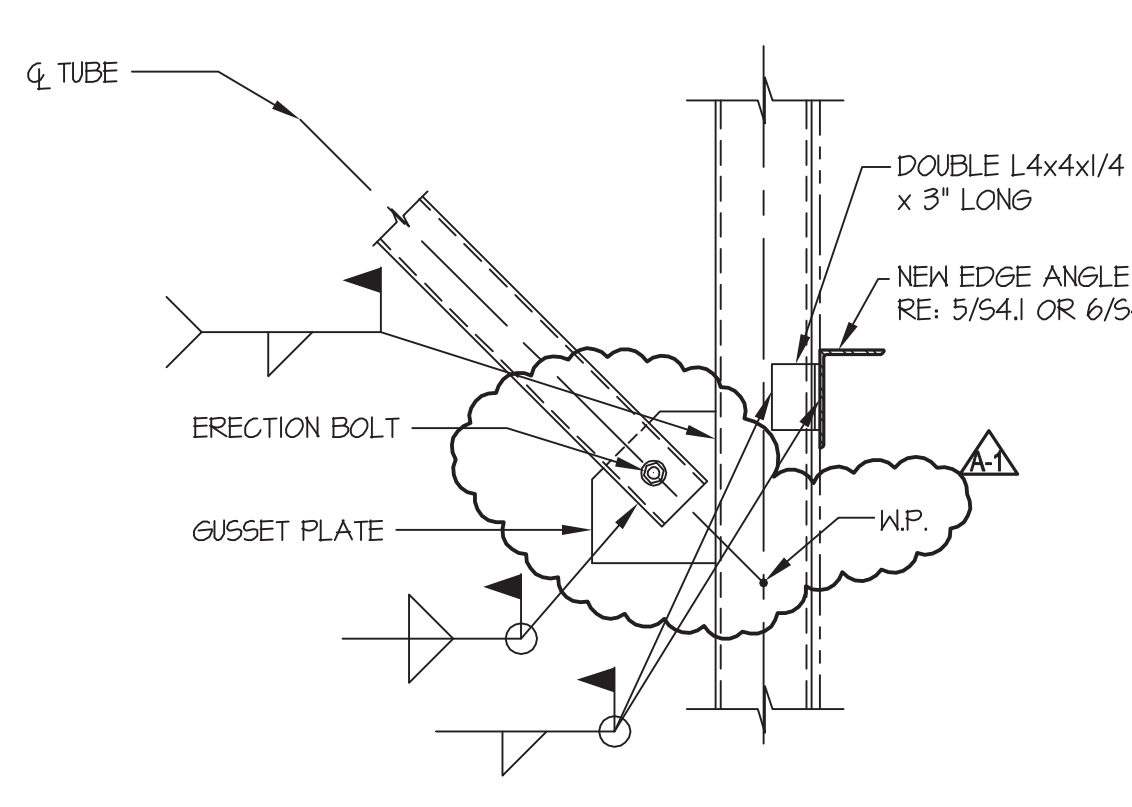
SCALE: 3/4" = 1'-0"

11



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

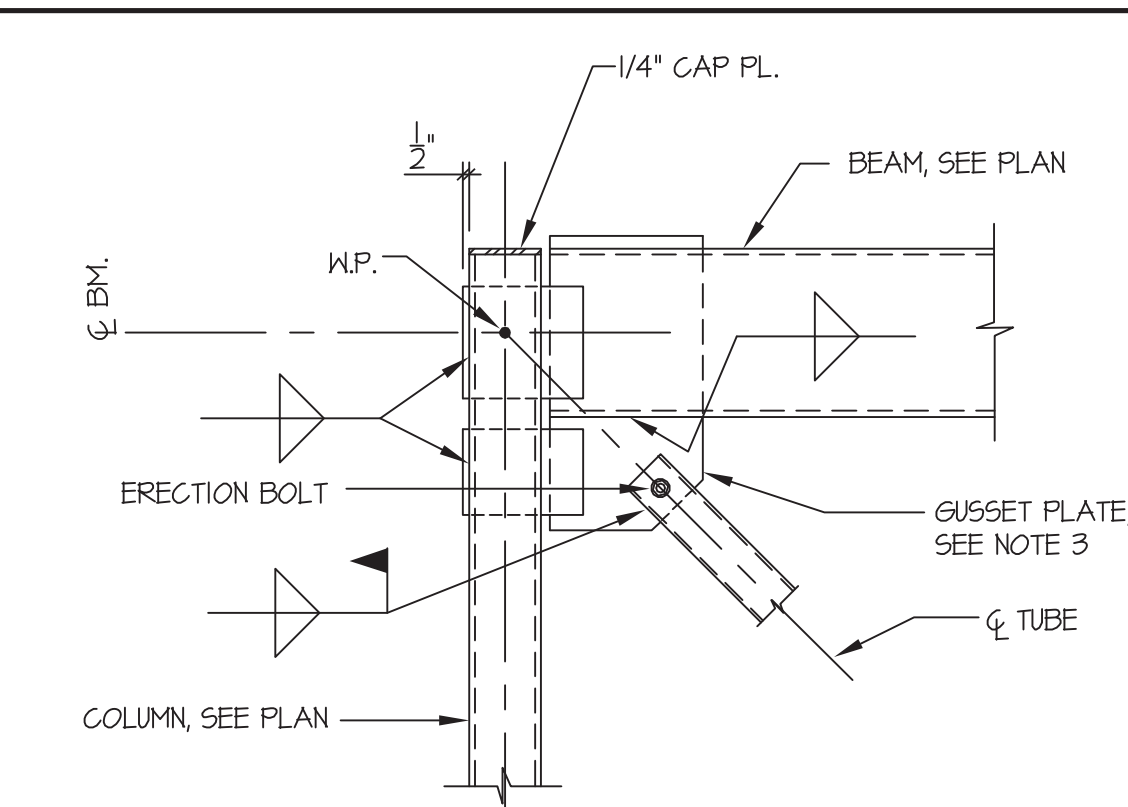
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TYPICAL DETAIL
 CONNECTION OF NEW COLUMN TO EXISTING ROOF

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

3

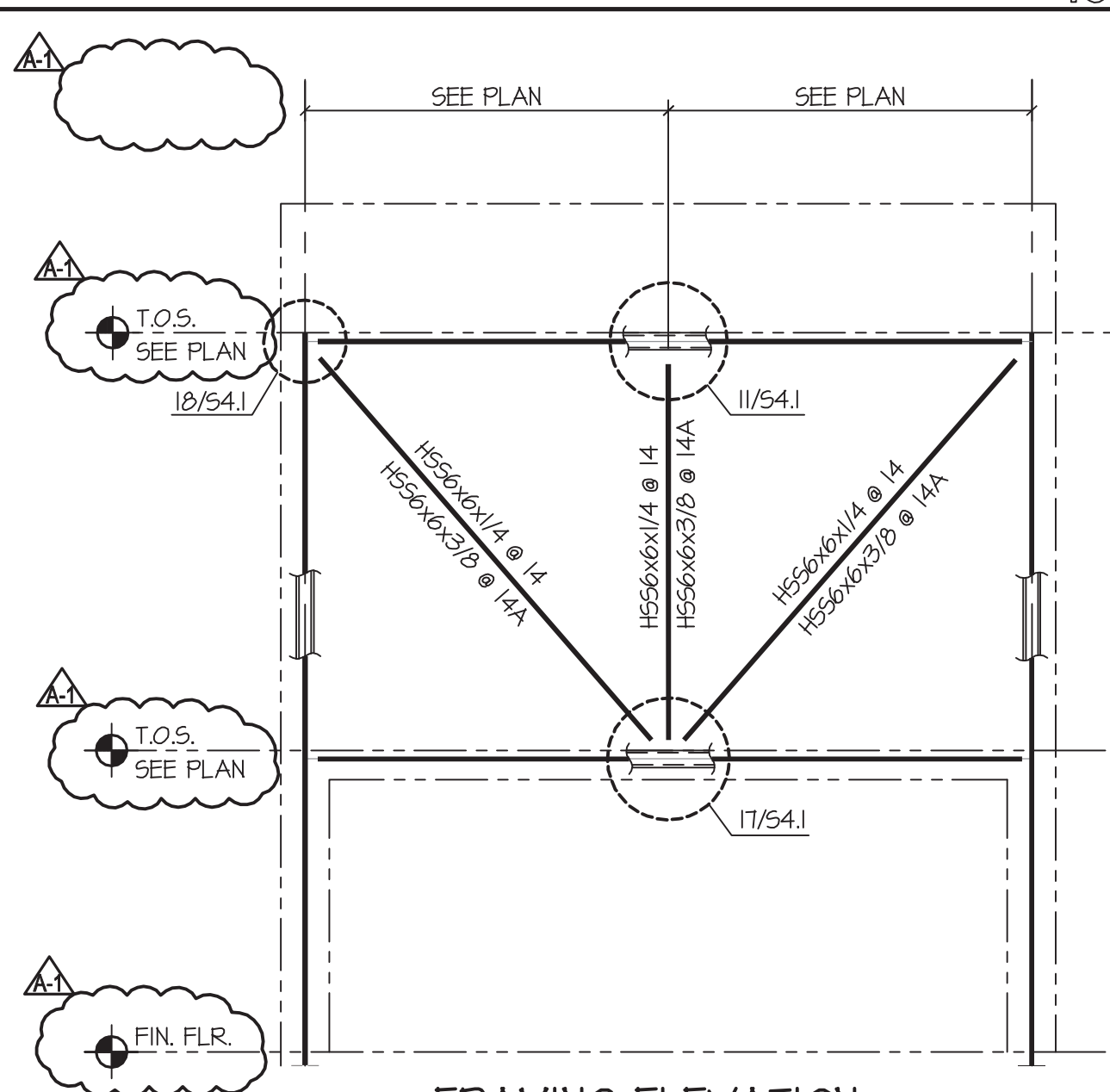


NOTES:
 1. Refer to brace elevations for brace sizes and forces.
 2. If not provided, unless noted otherwise, the brace force shall be the maximum tension and / or compression capacity of the brace. If brace forces are shown, they are working loads (ASD).
 3. Gusset plate shall be centered on steel beam and designed to develop brace force.
 4. Bolts and welds shall be designed by the fabricator for the vertical and horizontal components of the brace force including the effect of eccentricity. The minimum size fillet weld shall be 1/4".

TYPICAL DETAIL
 BRACE CONNECTION

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

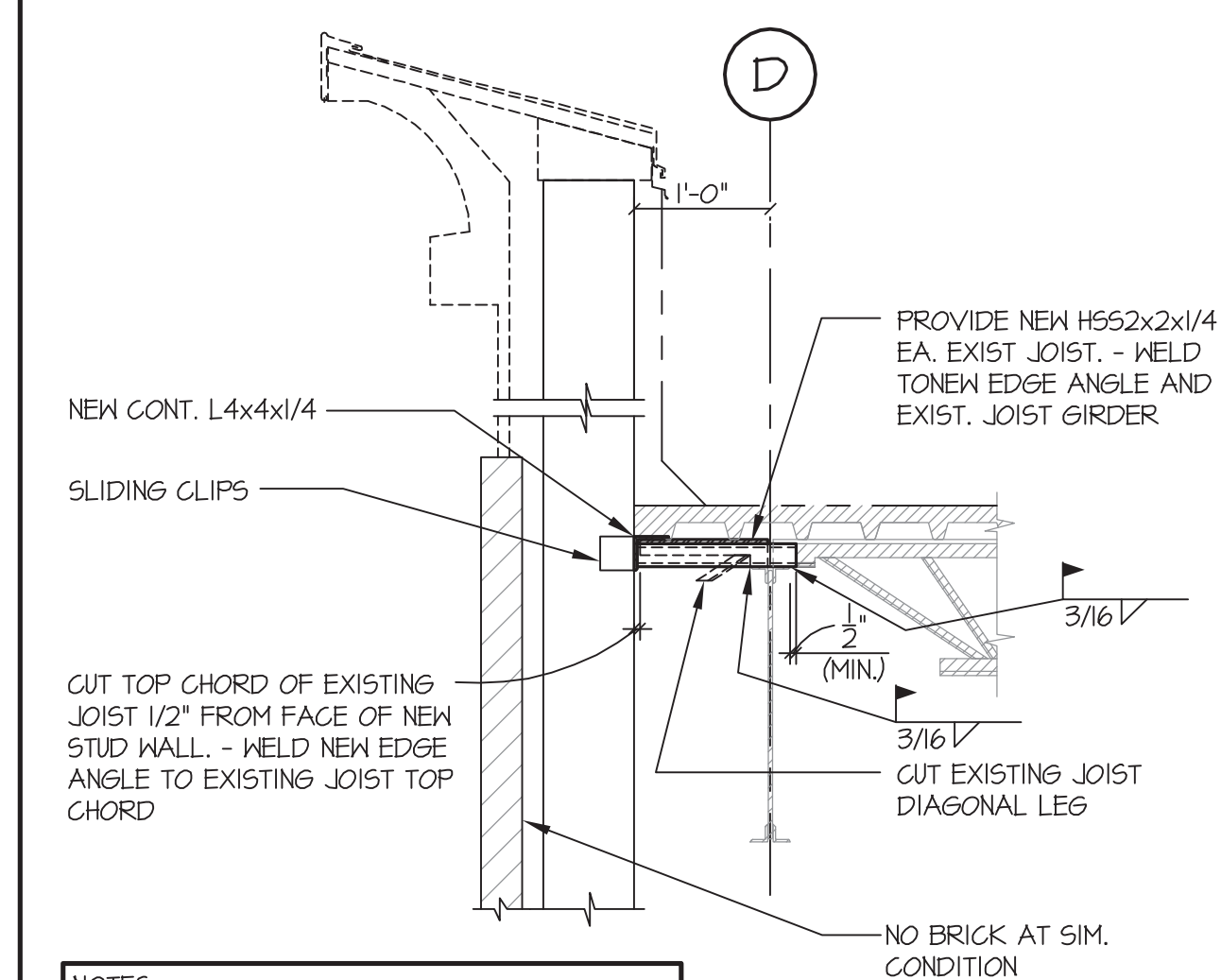
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FRAMING ELEVATION

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

15

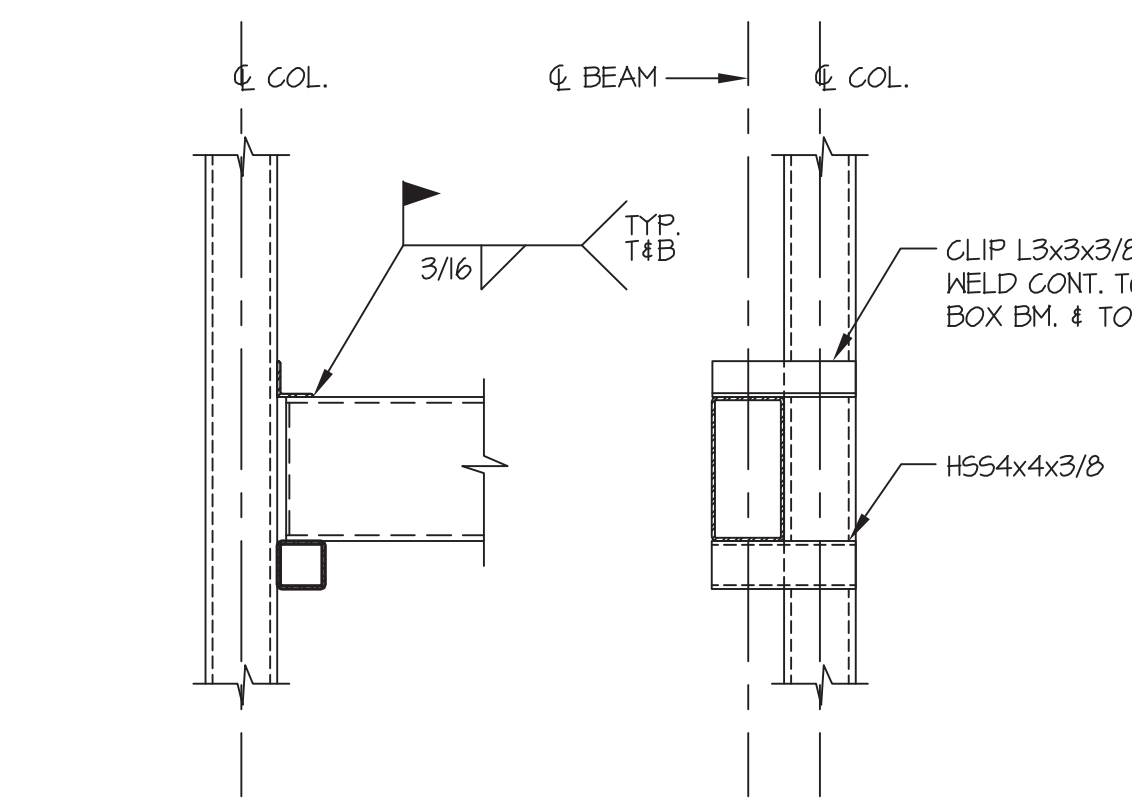


NOTES:
 1. ALL EXISTING CONDITIONS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION
 2. SEE ARCH FOR WALL CONDITIONS

COND. AT JOIST GRIDER

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

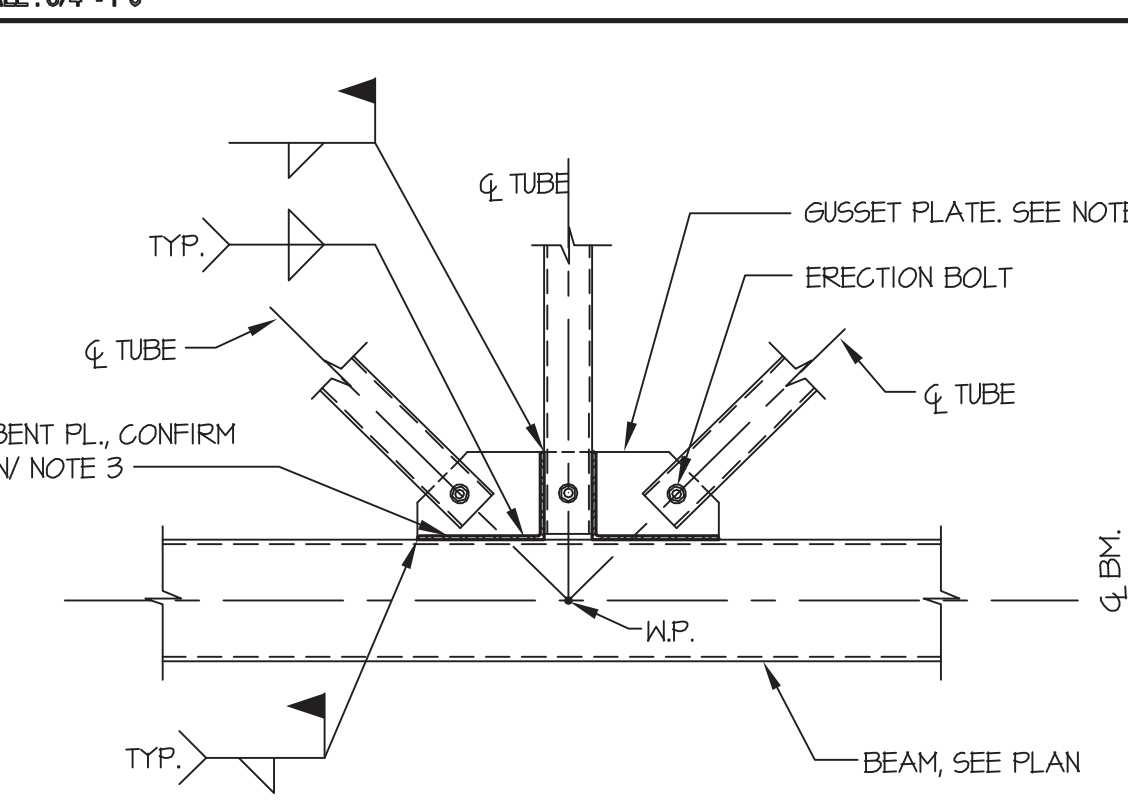
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TYPICAL TUBE BEAM
 TO COLUMN CONNECTION DETAIL

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

2

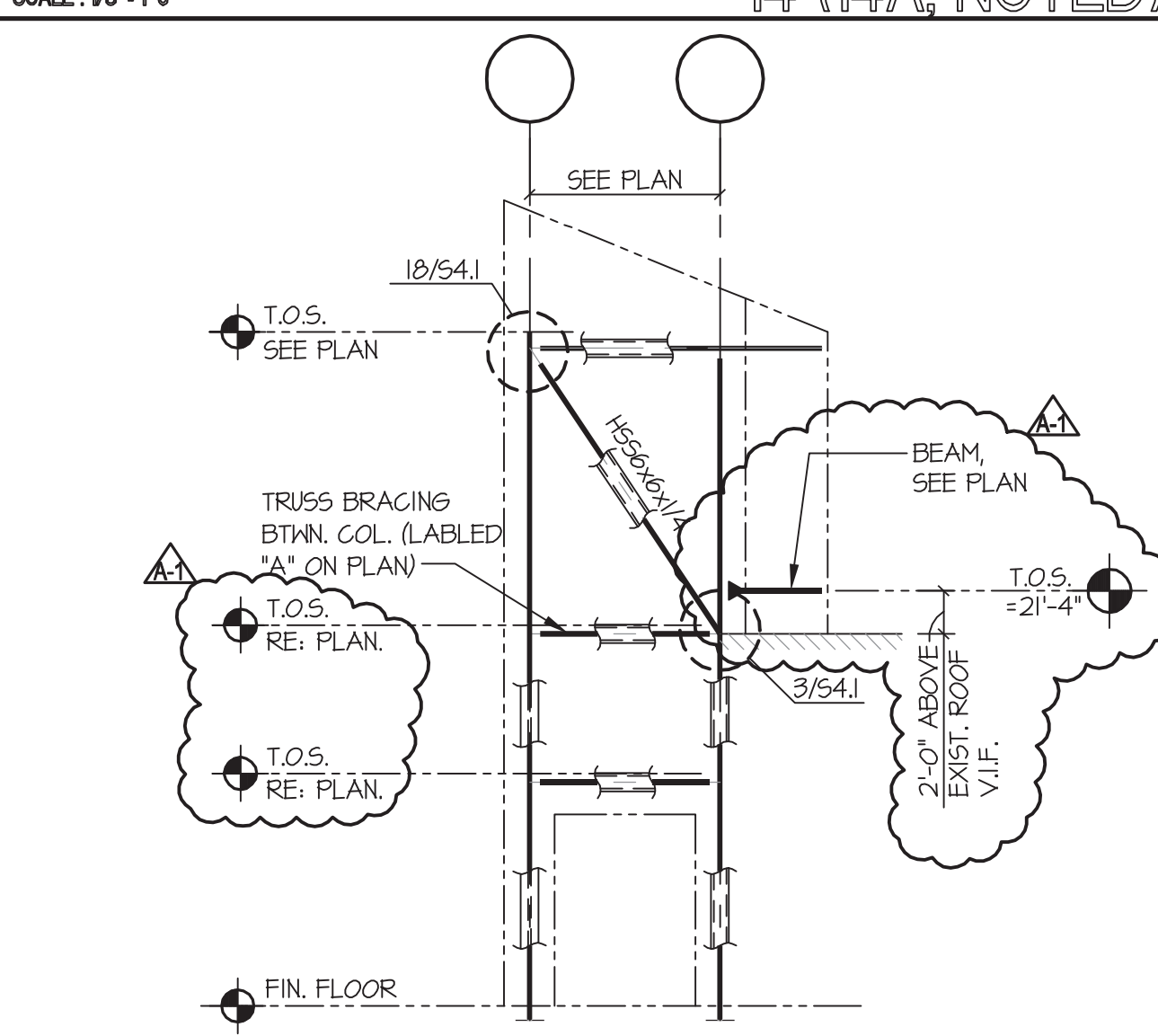


NOTES:
 1. Refer to brace elevations for brace sizes and forces.
 2. If not provided, unless noted otherwise, the brace force shall be the maximum tension and / or compression capacity of the brace. If brace forces are shown, they are working loads (ASD).
 3. Gusset plate & bent plate shall be centered on steel beam and designed to develop brace force.
 4. Bolts and welds shall be designed by the fabricator for the vertical and horizontal components of the brace force including the effect of eccentricity. The minimum size fillet weld shall be 1/4".

TYPICAL DETAIL
 BRACE CONNECTION

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

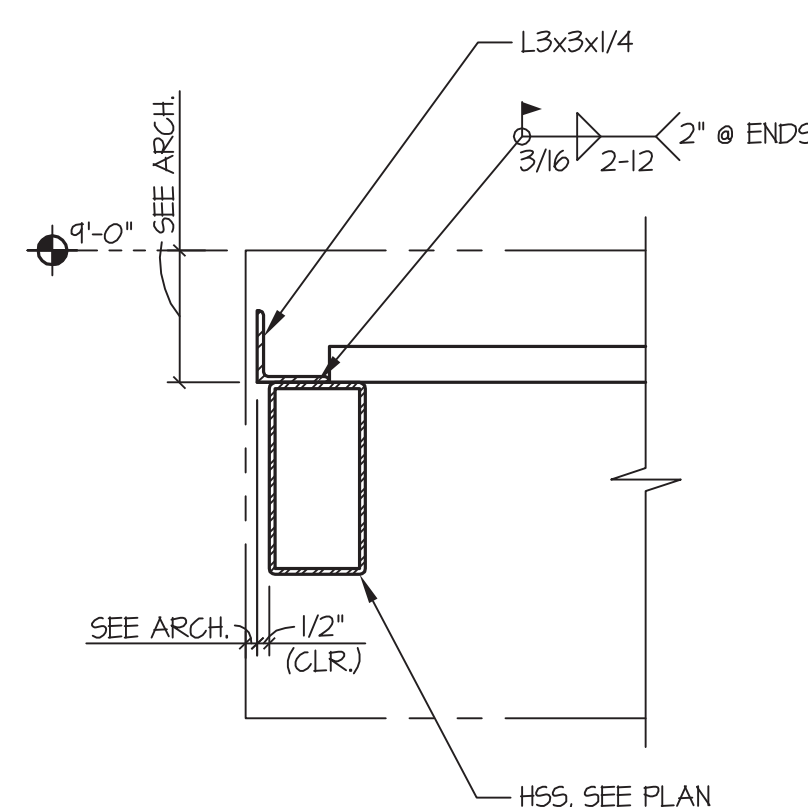
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BRACE "A" - ELEVATION

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

13

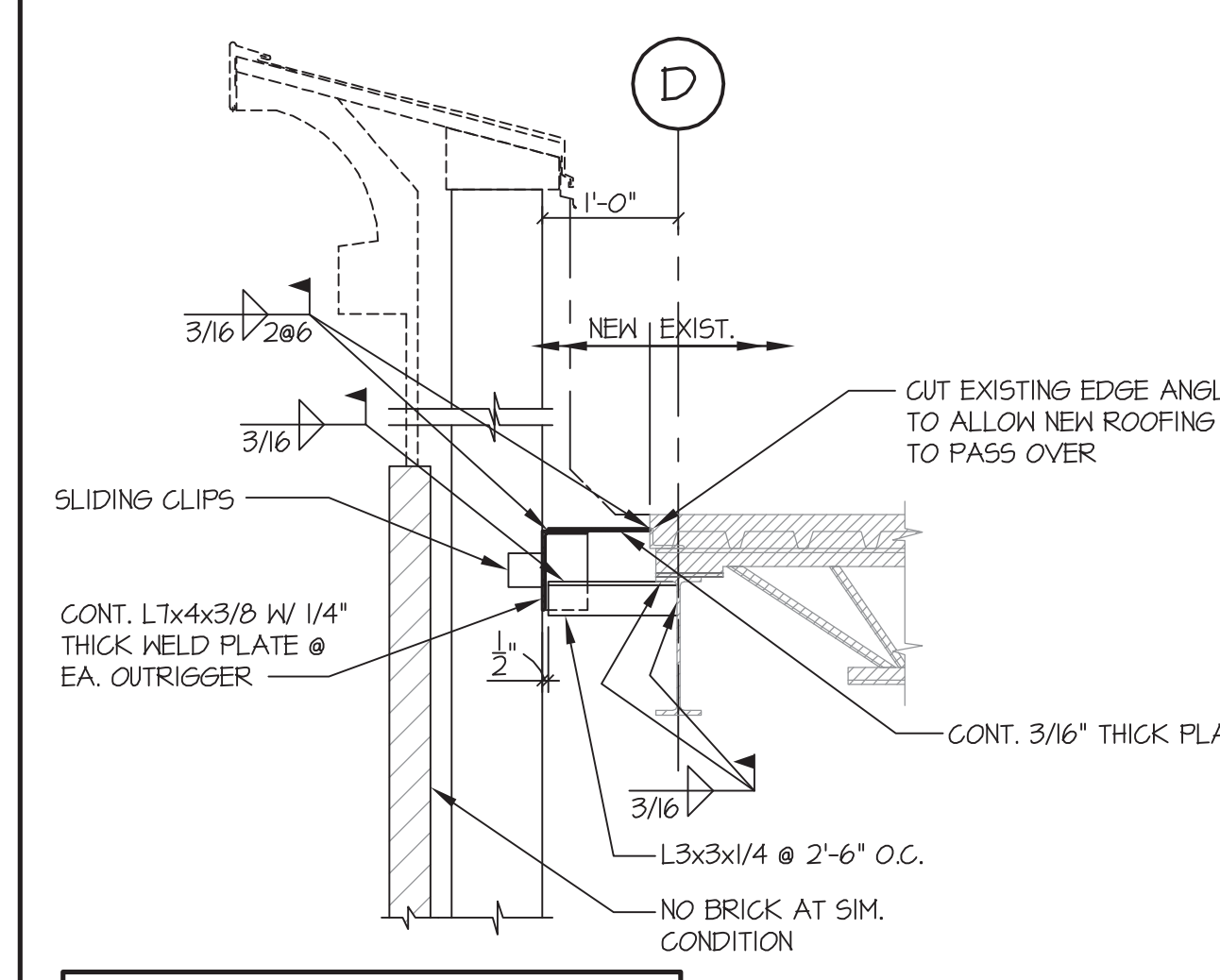


NOTES:
 1. ALL EXISTING CONDITIONS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION
 2. SEE ARCH FOR WALL CONDITIONS

COND. AT STEEL BEAM

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

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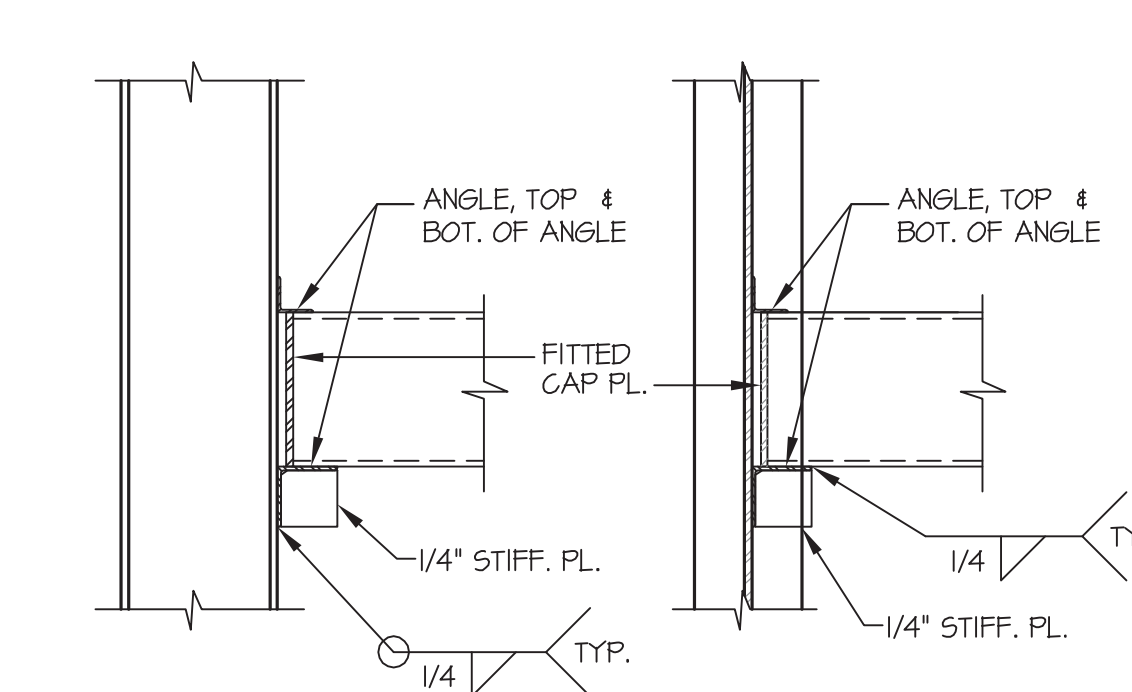


NOTES:
 1. ALL EXISTING CONDITIONS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION
 2. SEE ARCH FOR WALL CONDITIONS

COND. AT STEEL BEAM

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

5



NOTES:
 1. Double angles may be shop welded to the beam and field bolted to the column at contractor's option.
 2. Refer to general notes for beam reaction design criteria.
 3. Provide pre-designed connections as shown in A.I.S.C. manual where applicable.

TYPICAL DETAIL
 TUBE BEAM TO WIDE FLANGE COLUMN

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

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07/01/13
 10/16/13 ADD.#1
 ISSUED FOR CONSTRUCTION
 OCTOBER 8, 2014

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 CROSSROADS MALL
 GREENVILLE, TEXAS
 GREENVILLE PROPERTIES LTD.
 GREENVILLE, TEXAS

DATE: 10/16/2013
 PRODUCT NO.: 08-12-02
 DRAWN BY: BN

FRAMING
 DETAILS

S4.1