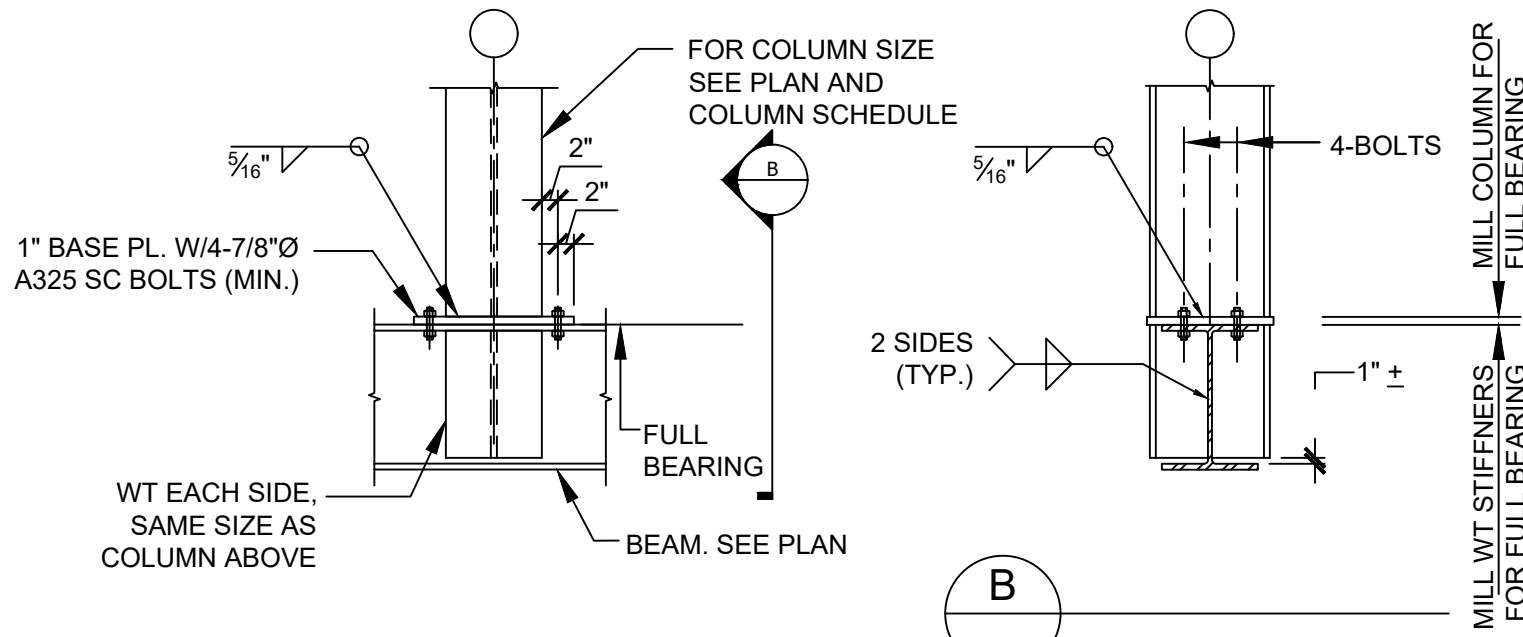
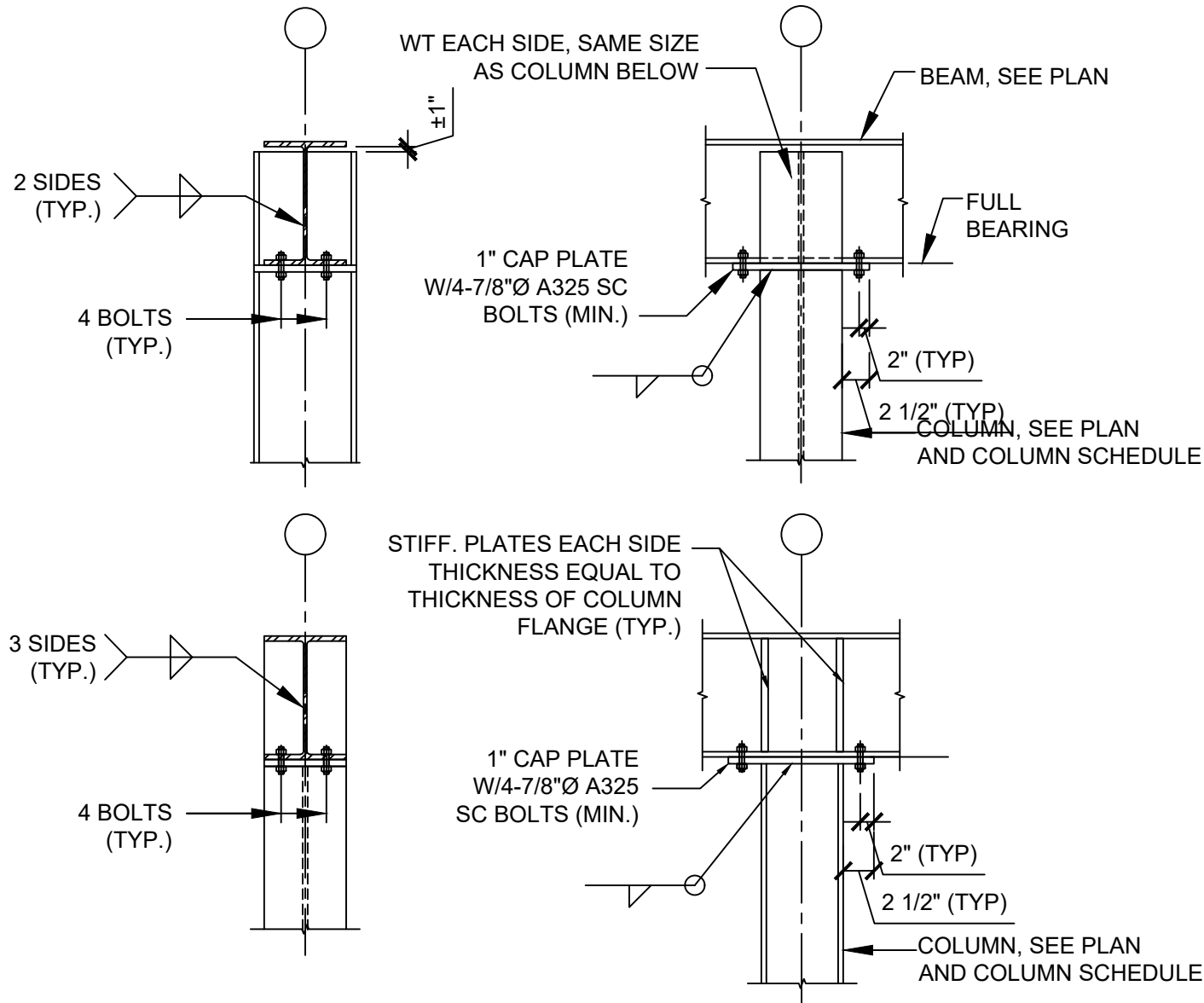


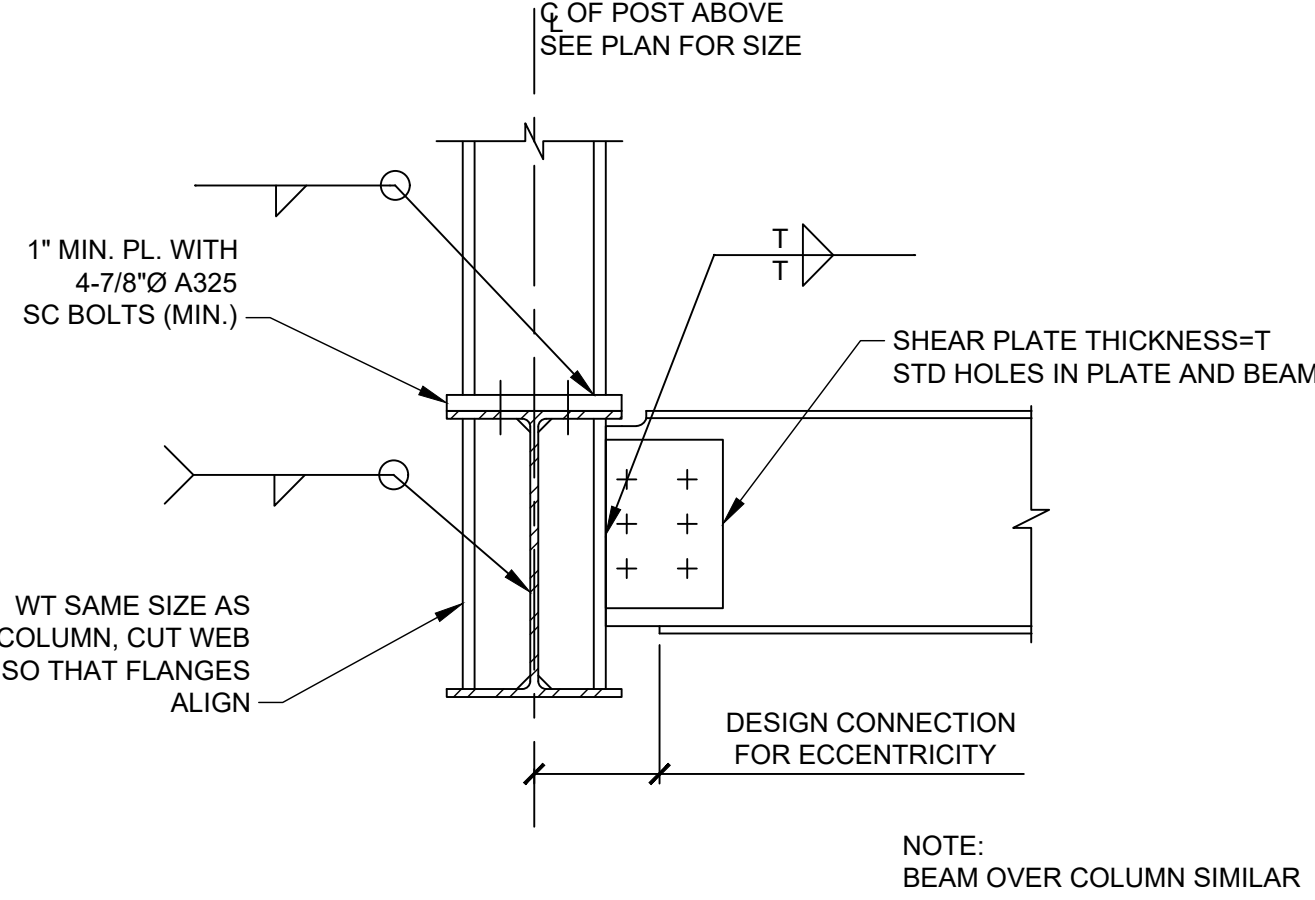
SECTION AT W SECTION POST/ COLUMN
SCALE: 12"=1'-0"



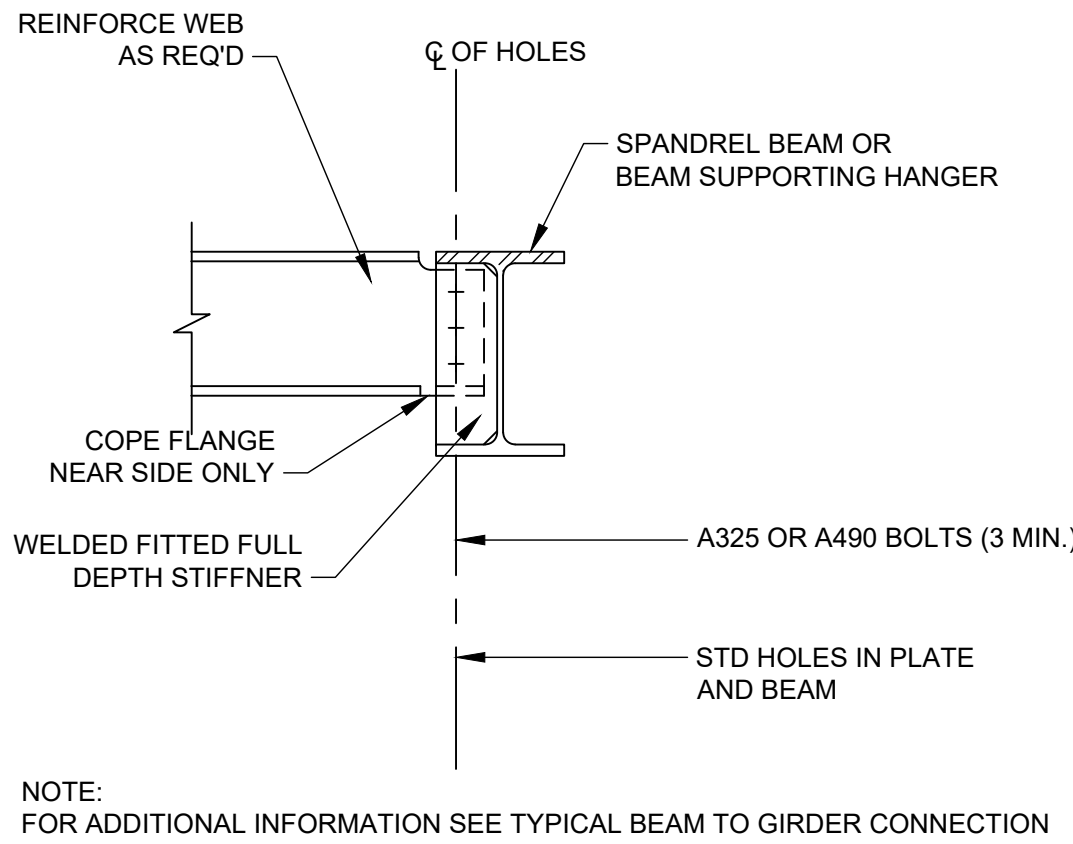
TYP. COLUMN OR POST SUPPORTED ON BEAM
SCALE: 1 1/2" = 1'-0"



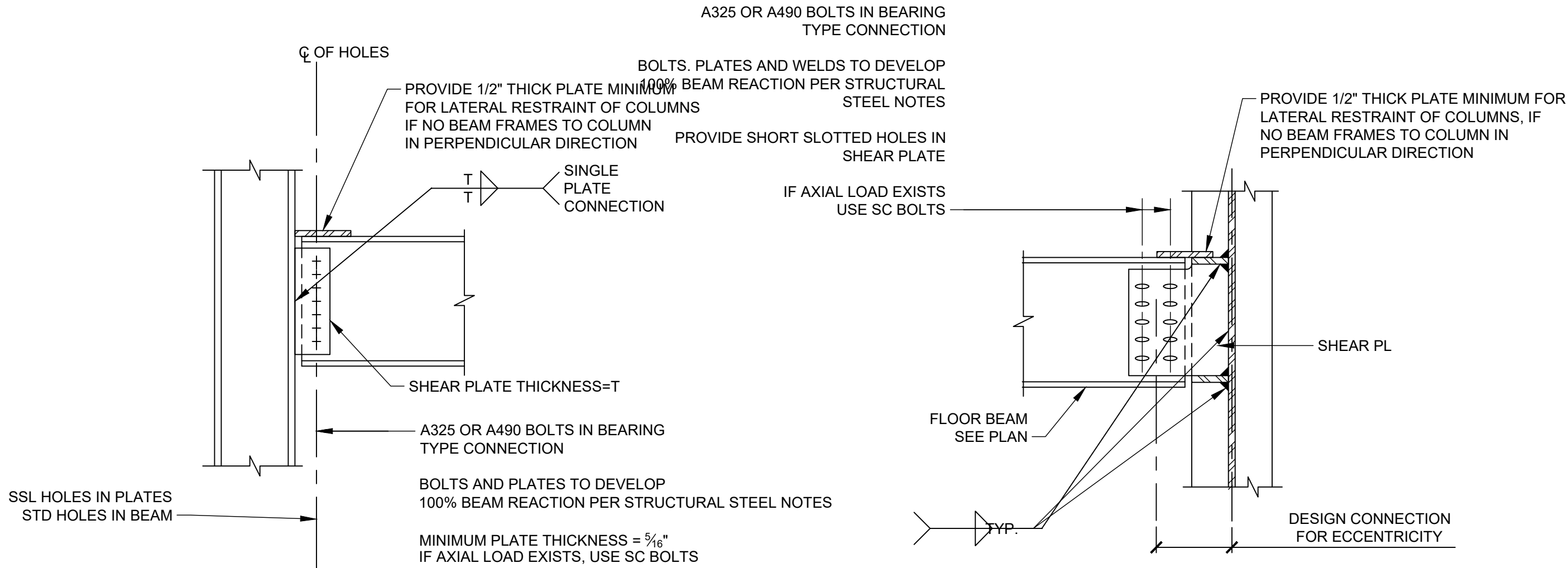
TYP. BEAM SUPPORTED OVER COLUMN
SCALE: 1 1/2" = 1'-0"



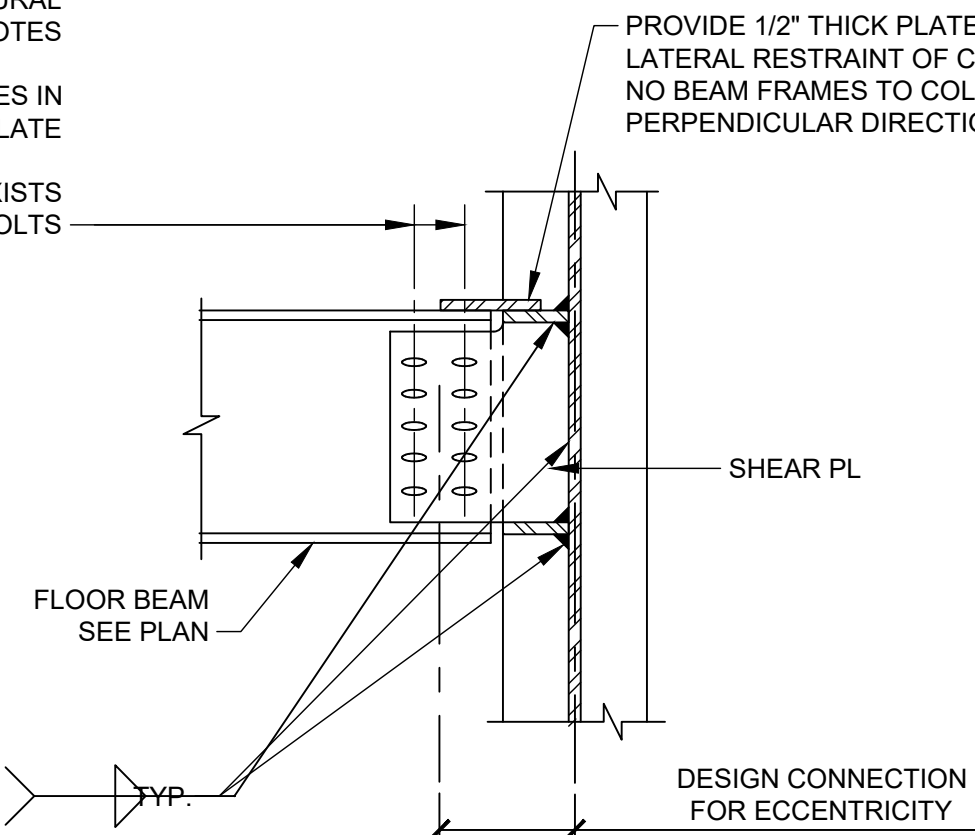
TYP. COLUMN SUPPORT WITH WEB
PERPENDICULAR TO SUPPORT BEAM
SCALE: 3/4" = 1'-0"



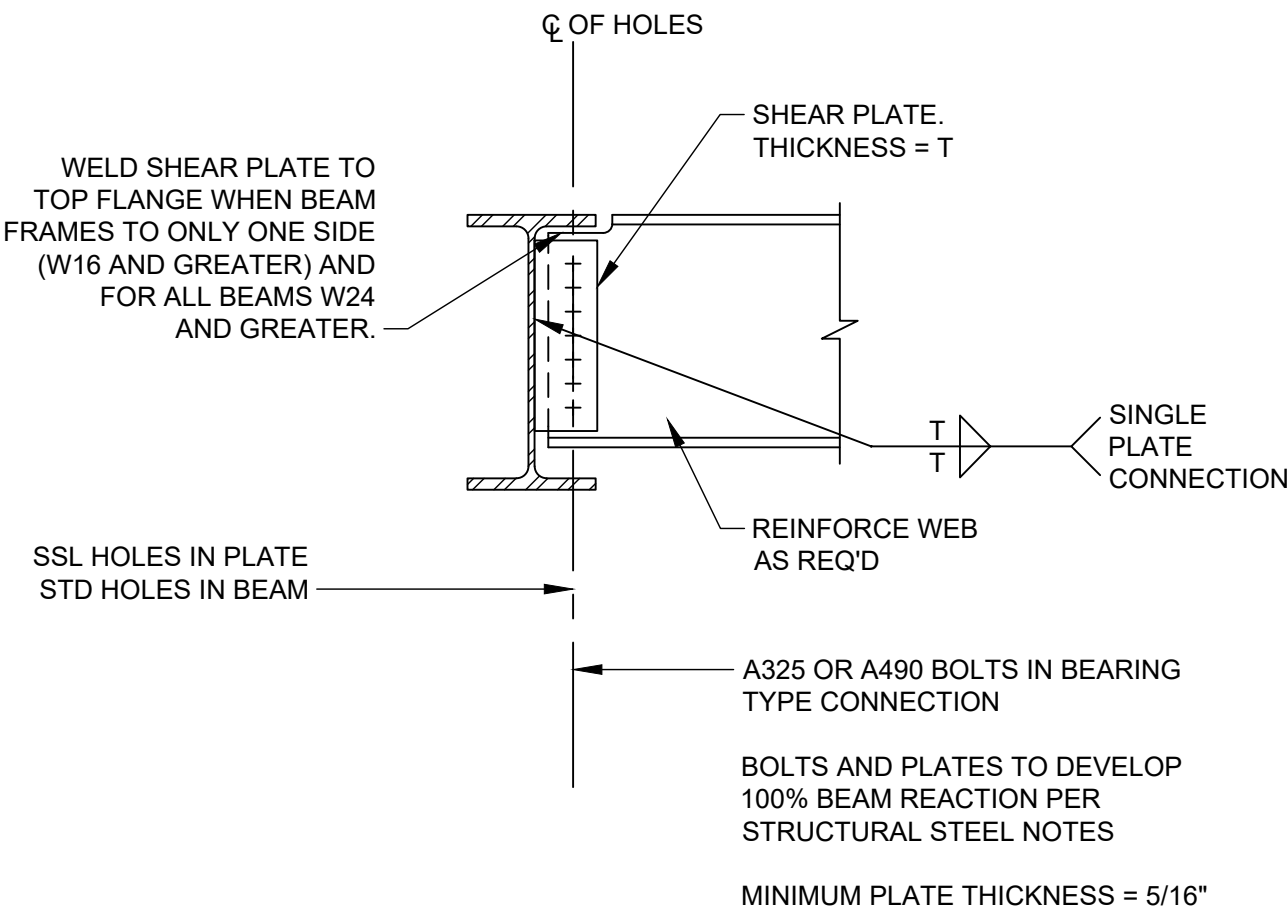
TYP. END CONNECTION AT BEAMS SUPPORTING
STAIR HANGERS AT SPANDRELS
SCALE: 3/4" = 1'-0"



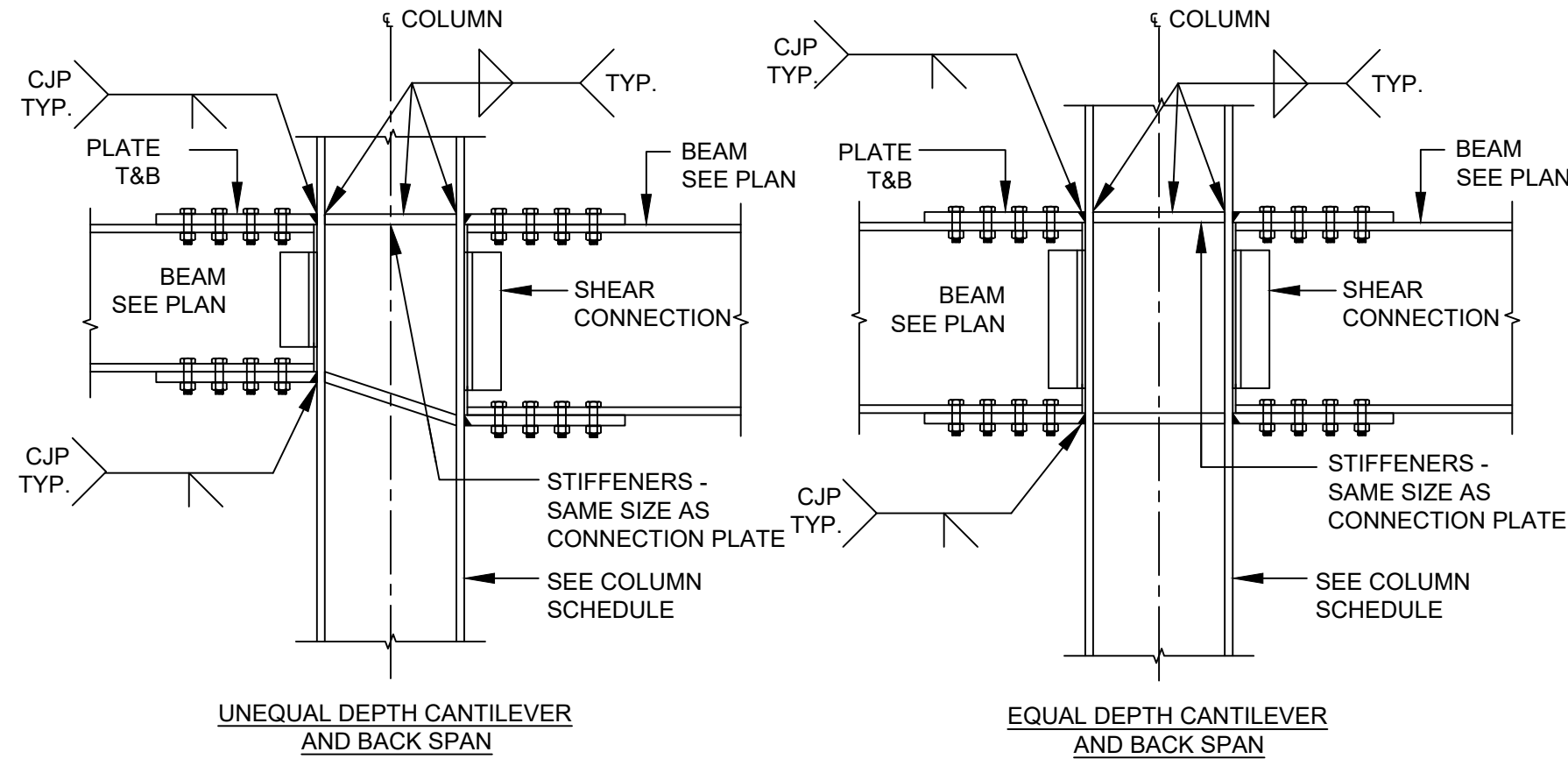
TYP. BEAM TO COLUMN
FLANGE SHEAR CONNECTION
SCALE: 3/4" = 1'-0"



TYP. BEAM TO COLUMN
WEB SHEAR CONNECTION
SCALE: 3/4" = 1'-0"

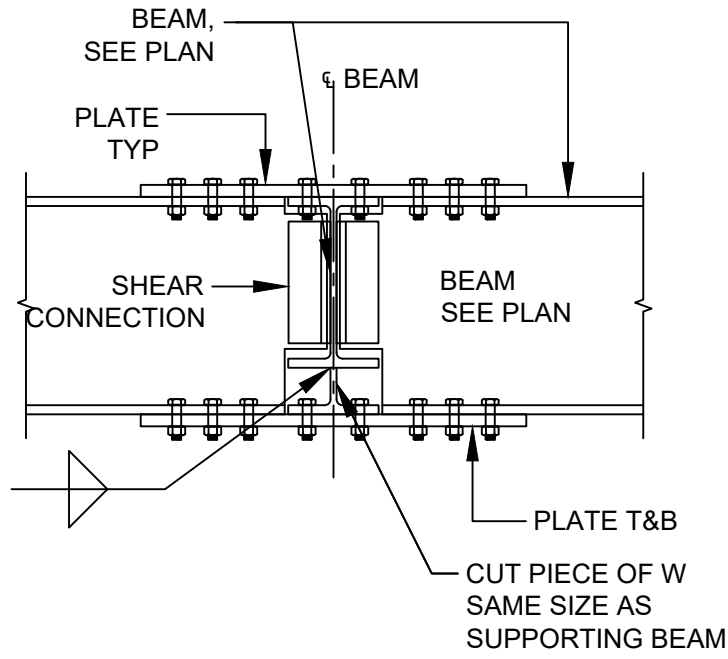


TYP. BEAM TO GIRDER CONNECTION
SCALE: 3/4" = 1'-0"

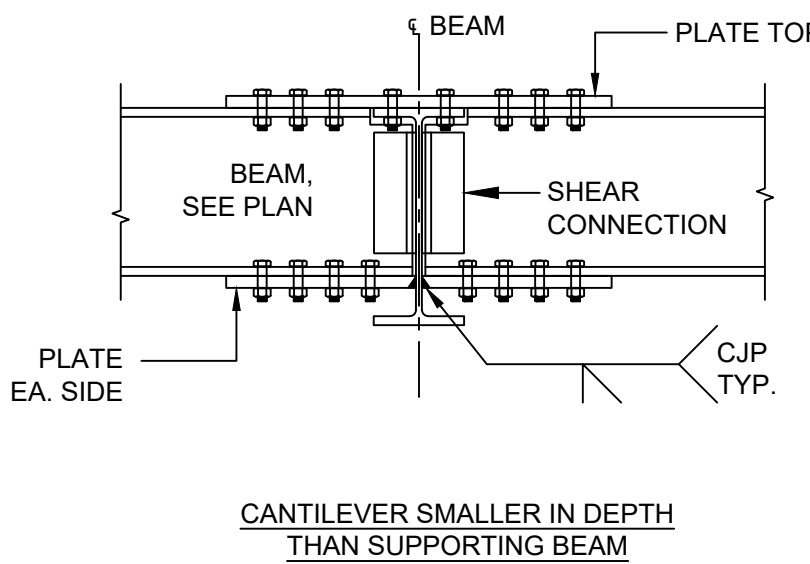


UNEQUAL DEPTH CANTILEVER
AND BACK SPAN

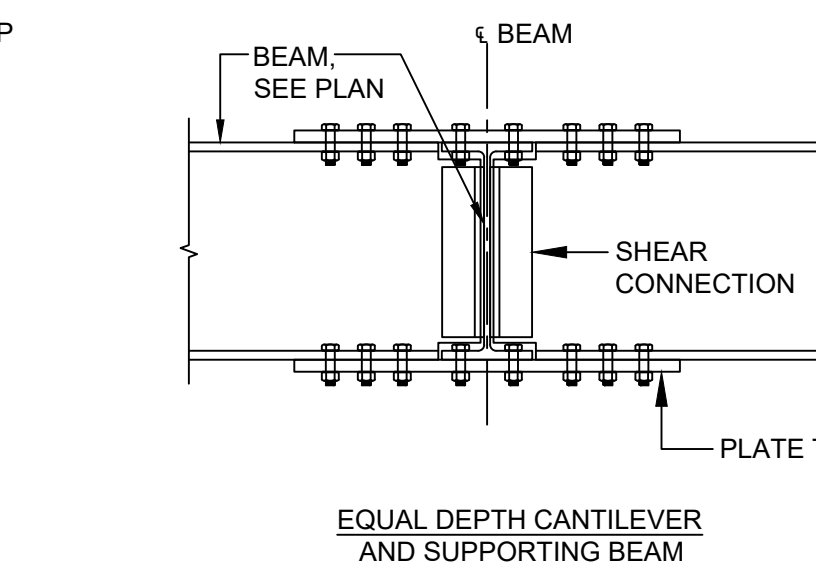
EQUAL DEPTH CANTILEVER
AND BACK SPAN



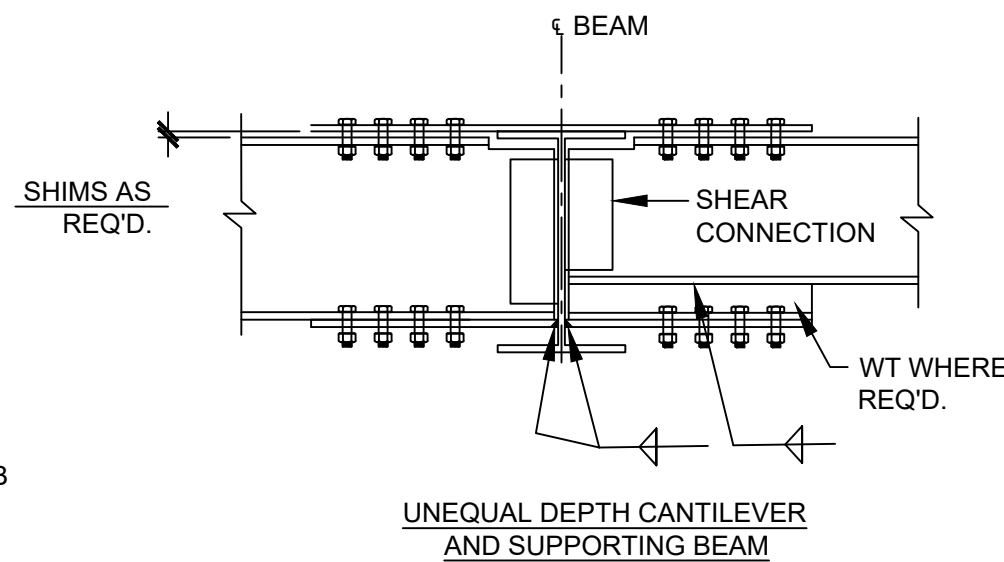
CANTILEVE LARGER IN DEPTH
THAN SUPPORTING BEAM



CANTILEVER SMALLER IN DEPTH
THAN SUPPORTING BEAM



EQUAL DEPTH CANTILEVER
AND SUPPORTING BEAM



UNEQUAL DEPTH CANTILEVER
AND SUPPORTING BEAM

- NOTES:
1. MOMENT CONNECTIONS ARE TO DEVELOP FULL MOMENT CAPACITY OF CANTILEVER BEAMS UNLESS SHOWN OTHERWISE ON PLAN.
 2. WELD, BOLT AND CONNECTION PLATE CAPACITIES SHALL BE DESIGNED AS PER AISC SPECIFICATIONS.
 3. CONNECTION PLATES AND BOLTS SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN NY STATE. CALCULATIONS SHALL BE SUBMITTED FOR THE ENGINEER OF RECORD'S REVIEW.
 4. FIELD WELDED CONNECTIONS MAY BE USED IF REQUESTED BY CONTRACTOR AND APPROVED BY ENGINEER OF RECORD.
 5. CJP INDICATES COMPLETE JOINT PENETRATION GROOVE WELDING.
 6. FOR CLARITY, FIREPROOFING IS NOT INDICATED.
 7. REFER TO PLANS FOR LOCATION OF CANTILEVERED BEAMS.
 8. PROVIDE DOUBLE PLATE @ COLUMN B-1 & C-1 AT SECOND FLOOR AND THIRD FLOOR LEVEL.

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SUFFERN, NEW YORK

0	ISSUED FOR DOB SUBMISSION	DATE
1	ISSUED FOR BID	10.15.21
2	CD SET	11.30.21
3	REVISED BID SET	01.20.22
4	ISSUED FOR CONSTRUCTION	04.04.22

DRAWN BY : D. CHECHURIN
CHECKED BY : P. BRUNO
APPROVED BY : P. BRUNO
DATE : 9/10/2021
SCALE : AS SHOWN

DRAWING TITLE :

STEEL BEAM AND COLUMN
DETAILS



DWG NUMBER :
S-201
20 OF 61