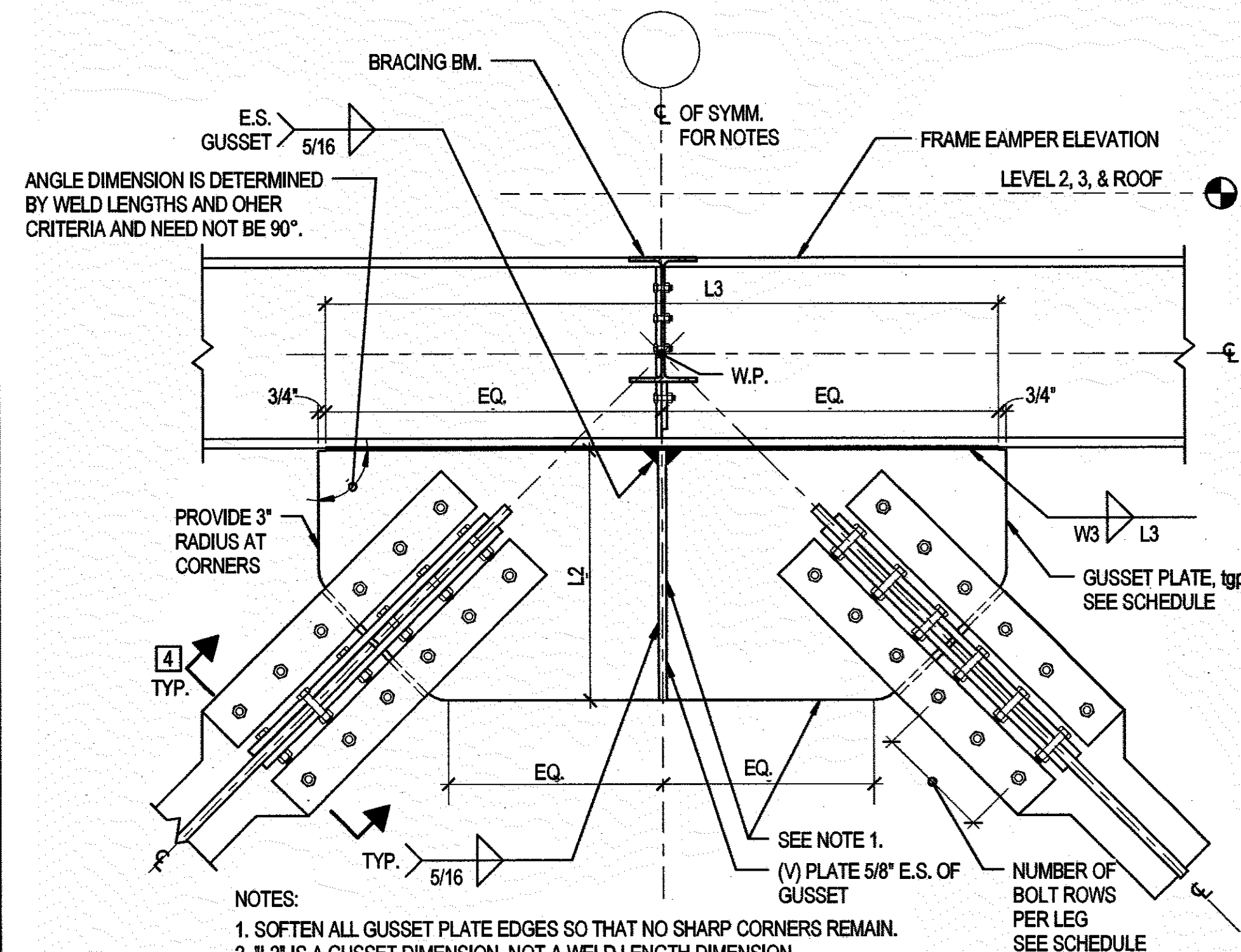


BRACE TO COLUMN WEB CONNECTION

1" = 1'-0"

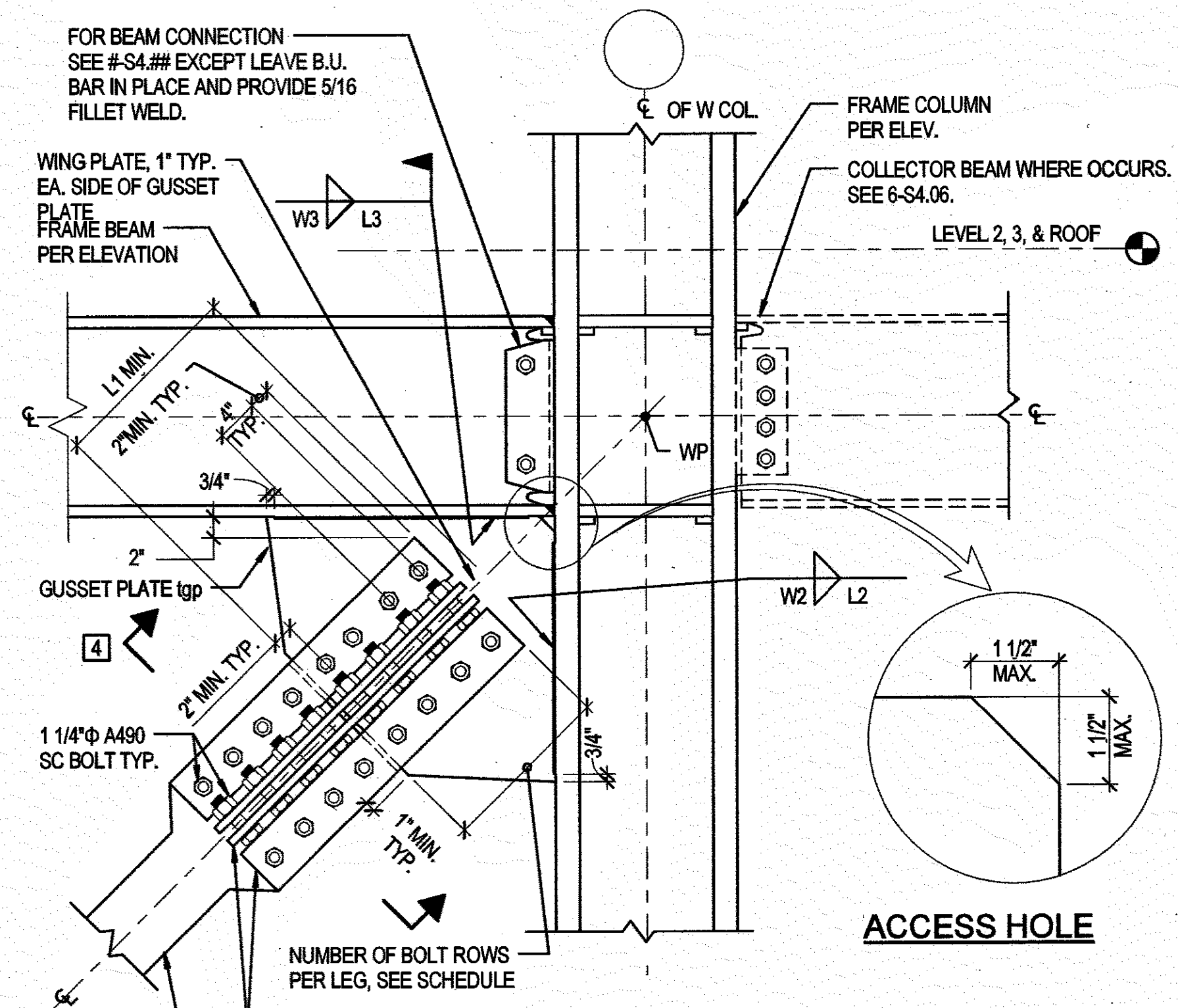
9



BRACE TO BEAM FLANGE CONNECTION

1" = 1'-0"

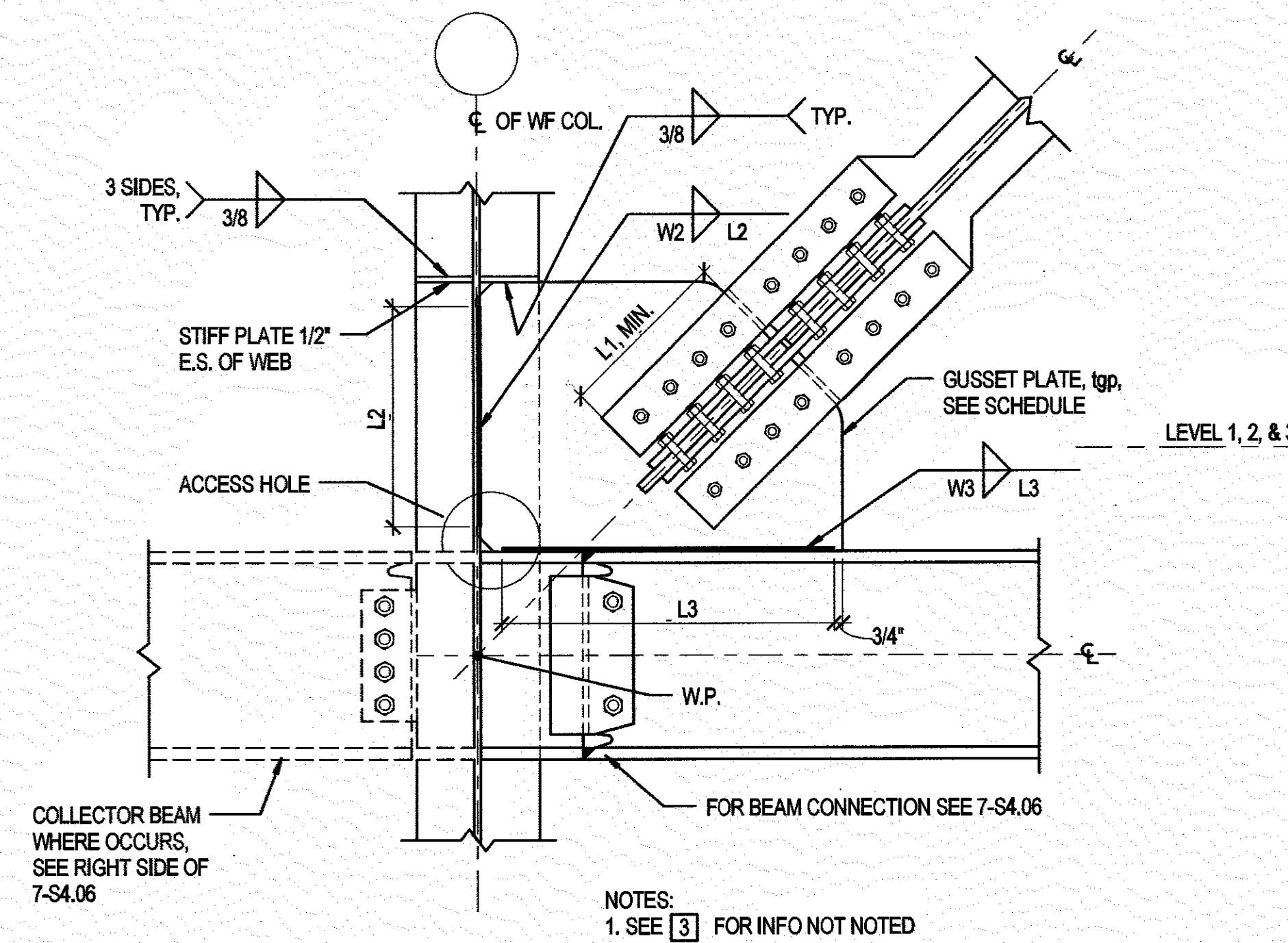
6



BRACE TO COLUMN FLANGE CONNECTION

1" = 1'-0"

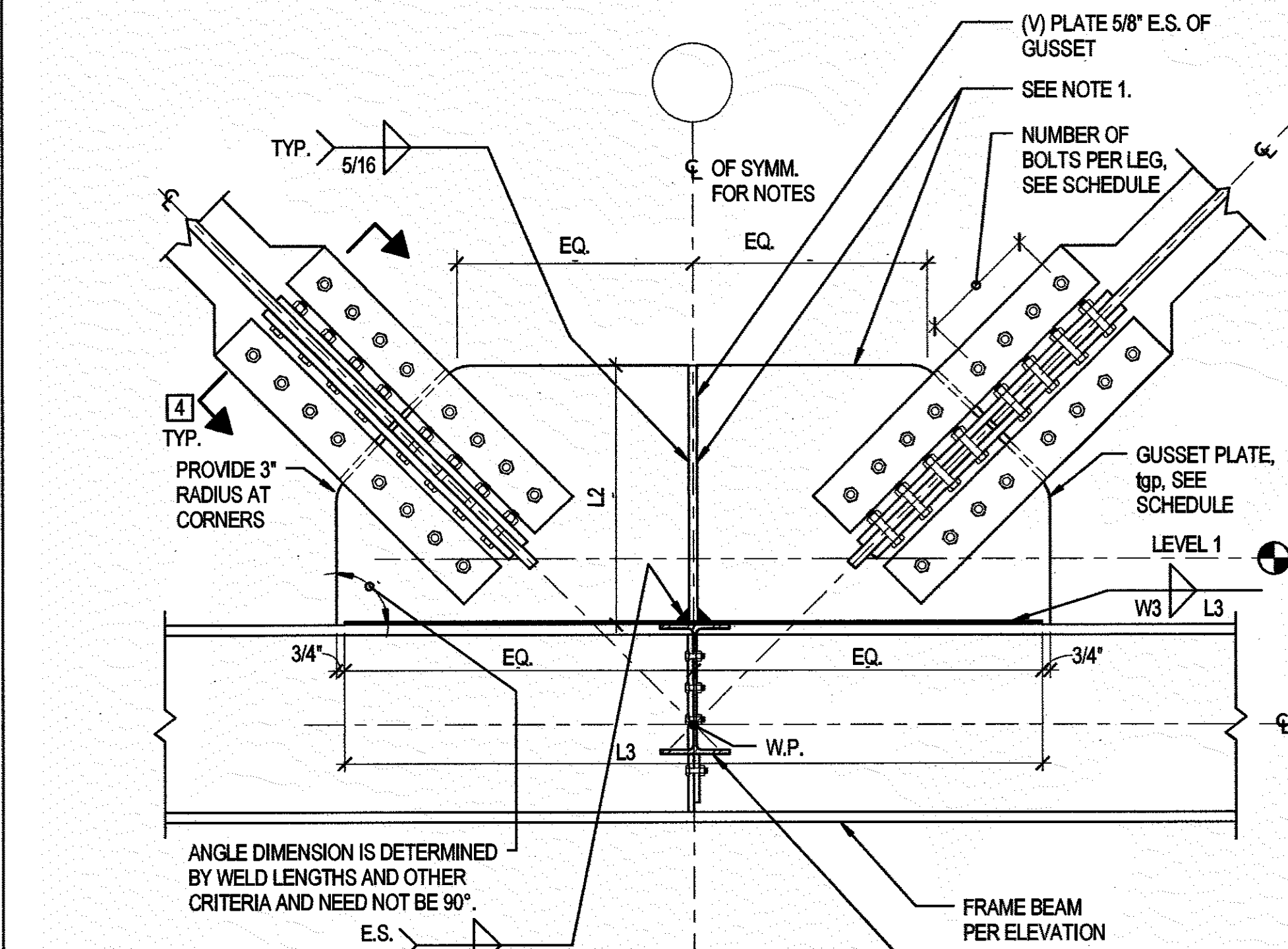
3



BRACE TO COLUMN WEB CONNECTION

1" = 1'-0"

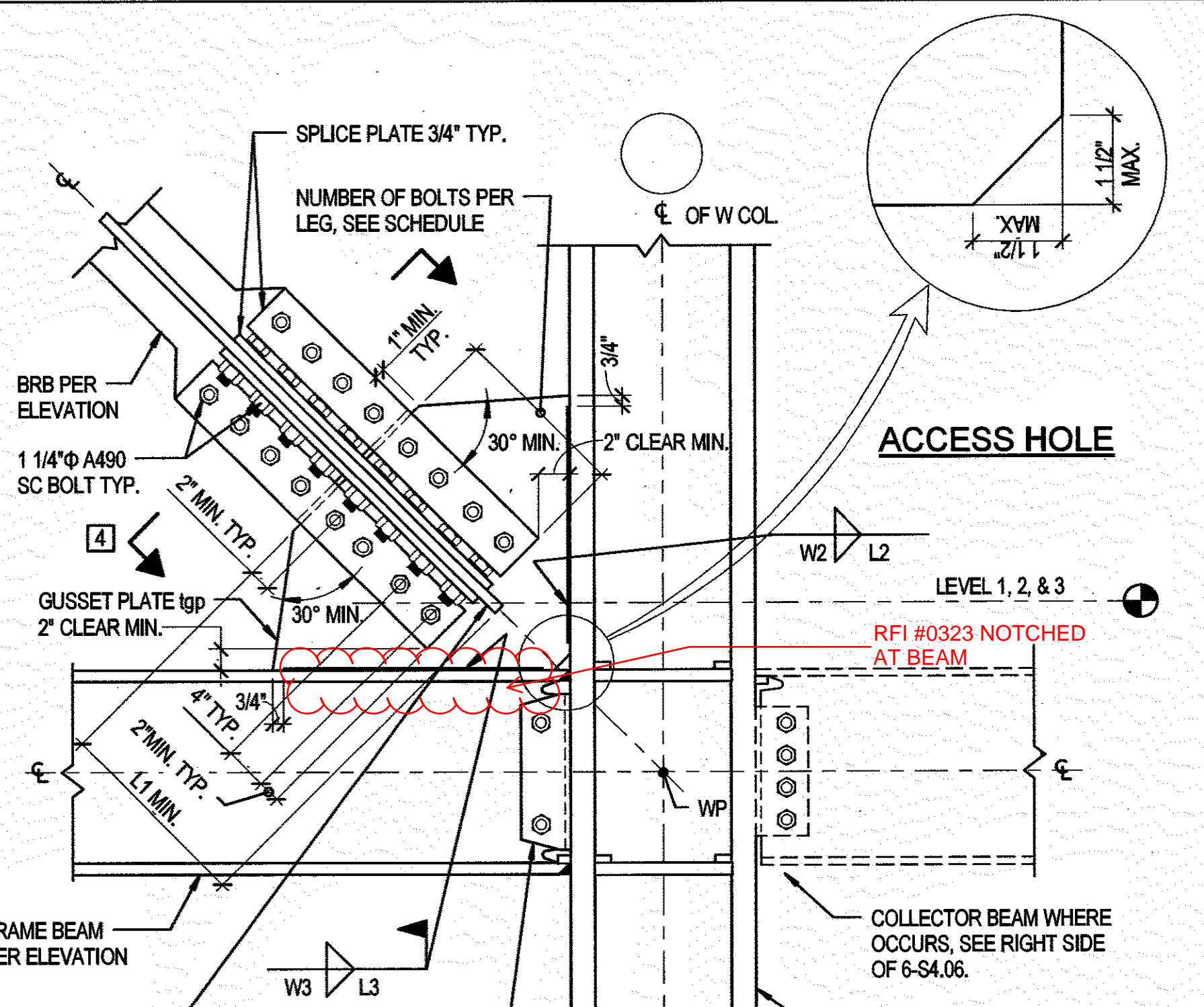
8



BRACE TO BEAM FLANGE CONNECTION

1" = 1'-0"

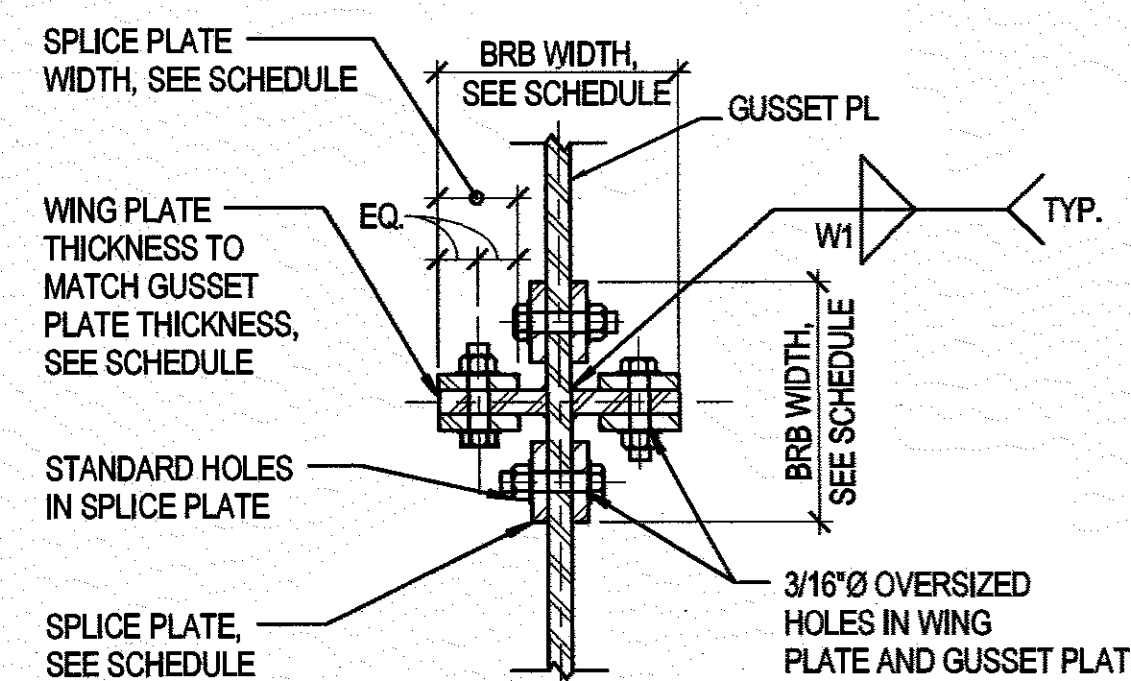
5



BRACE TO COLUMN FLANGE CONNECTION

1" = 1'-0"

2



BRACE ID	BRB WIDTH (IN)	SPLICE PLATE WIDTH (IN)	SPLICE PLATE THICKNESS (IN)
BRB4	12	4	1/2
BRB5	12	4	1/2
BRB6	12	4	1/2

BRB BOLTED CONNECTION TO COLUMN FLANGE SCHEDULE, DETAILS 2 & 3									
LOCATION	BRACE ID	GUSSET PL THK (IN)	NO OF BOLTS ROWS	W1	L1	W2	L2	W3	L3
ANY LOCATION	BRB4	5/8	2	5/16	12	5/16	14	3/8	14
	BRB5	3/4	3	5/16	16	5/16	16	3/8	16
	BRB6	1	4	5/16	20	5/16	18	3/8	18

BRB BOLTED V OR INVERTED-V CONN. SCHEDULE, DETAIL 5 & 6									
LOCATION	BRACE ID	GUSSET PL THK (IN)	NO OF BOLTS ROWS	EDGE DIST. (IN)	W1	L1	W3	L3	
ANY LOCATION	BRB4	3/4	2	6	5/16	12	3/8	36	
	BRB5	1	3	8	5/16	16	3/8	42	
	BRB6	1	4	10	5/16	20	3/8	48	

BRB BOLTED CONN. TO COL. WEB SCHEDULE, DETAIL 8 & 9									
LOCATION	BRACE ID	GUSSET PL THK (IN)	NO OF BOLTS ROWS	W1	L1	W2	L2	W3	L3
ANY LOCATION	BRB4	3/4	2	5/16	8	5/16	10	3/8	18
	BRB5	1	3	5/16	10	5/16	12	3/8	21
	BRB6	1	4	5/16	12	5/16	14	3/8	24

- NOTES:
- THE REQUIREMENTS OF AWS D1.8 SECTIONS 6.15.2 THROUGH 6.15.4 ARE APPLICABLE TO THE FABRICATION/ERECTION OF GUSSET PLATES.
 - SOFTEN ALL GUSSET PLATE EDGES SO THAT NO SHARP CORNERS REMAIN.
 - HOLES IN BEAM WEB ARE PROHIBITED WITHIN THE "L3" DIMENSION.
 - STEEL FABRICATOR IS RESPONSIBLE FOR FULLY COORDINATING THE WORK OF ITS OWN DETAILER WITH THAT OF THE BRB DETAILER.
 - ALL WELDS ARE DEMAND CRITICAL WELDS.

GUSSET PLATE SCHEDULE

1" = 1'-0"

1

NOTE: ALL WELDS ON THIS SHEET ARE DEMAND CRITICAL WELDS. SEE SPECIFICATION SECTION 05120 & 05125.

4