

CONNECTION SCHEDULE					
BEAM SIZE	NO. & DIA. A325-N BOLTS	SHR PL "T"	W	WT SIZE WHERE OCCURS	
C8 & C10	2- 7/8"Ø	1/4"	1/4"	WT6x13	
W8 & W10	2- 7/8"Ø	1/4"	1/4"	WT6x13	
C12, W12 & W14	3- 7/8"Ø	3/8"	1/4"	WT6x25	
W16	4- 7/8"Ø	3/8"	5/16"	WT6x25	
W18	5- 7/8"Ø	3/8"	5/16"	WT6x25	
W21	5- 7/8"Ø	3/8"	5/16"	WT6x25	
W24	6- 7/8"Ø	1/2"	3/8"		
W27	7- 7/8"Ø	1/2"	3/8"		

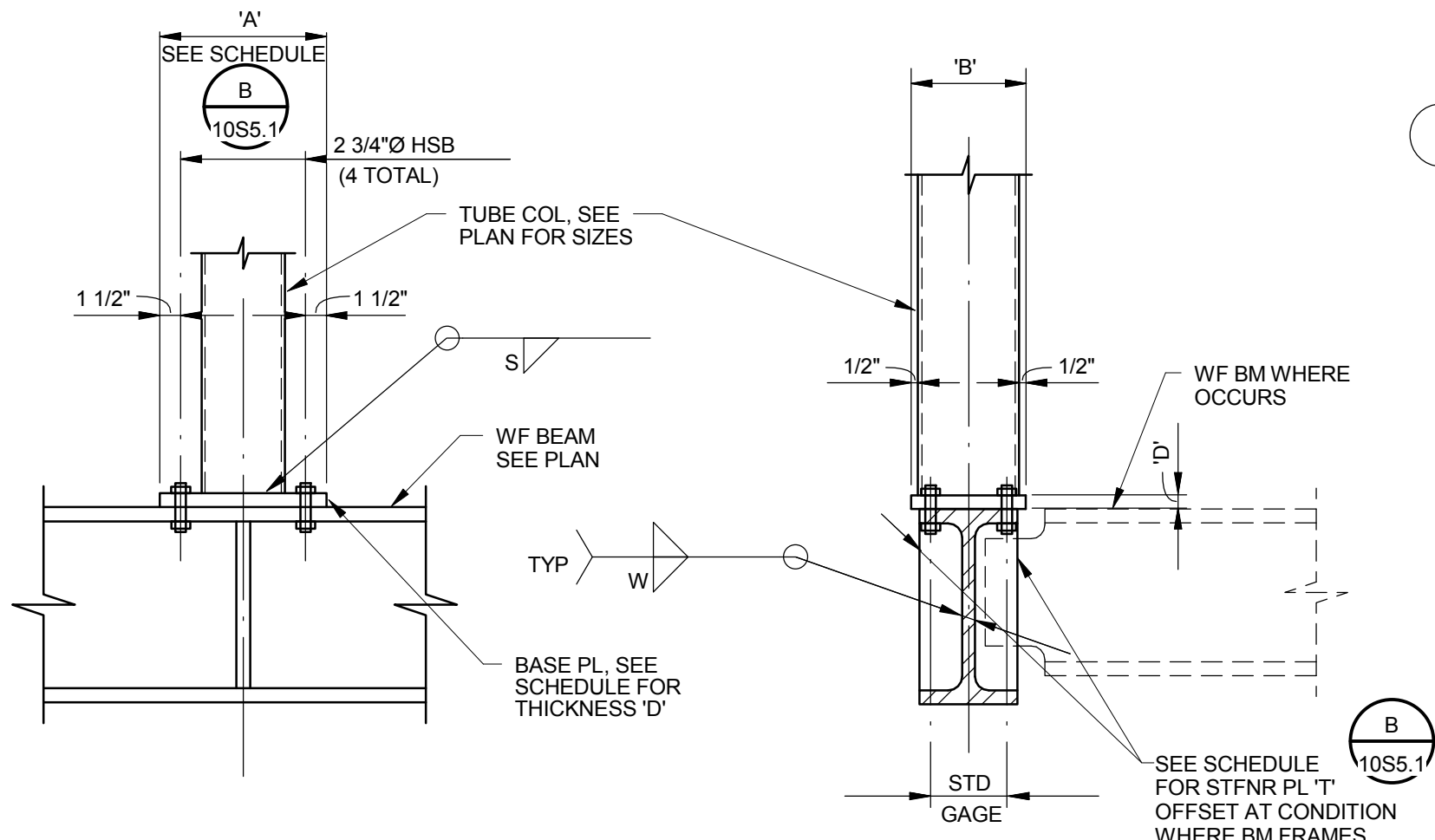
1. SHEAR PL "T" IS MINIMUM. USE GREATER THICKNESS AS REQUIRED BY DETAILS.

2. WT SIZES WHERE SHOWN ARE FOR USE AS FLOOR BEAM CONNECTIONS AS IN 4. NOT FOR USE WITH BEAMS 24" OR DEEPER.

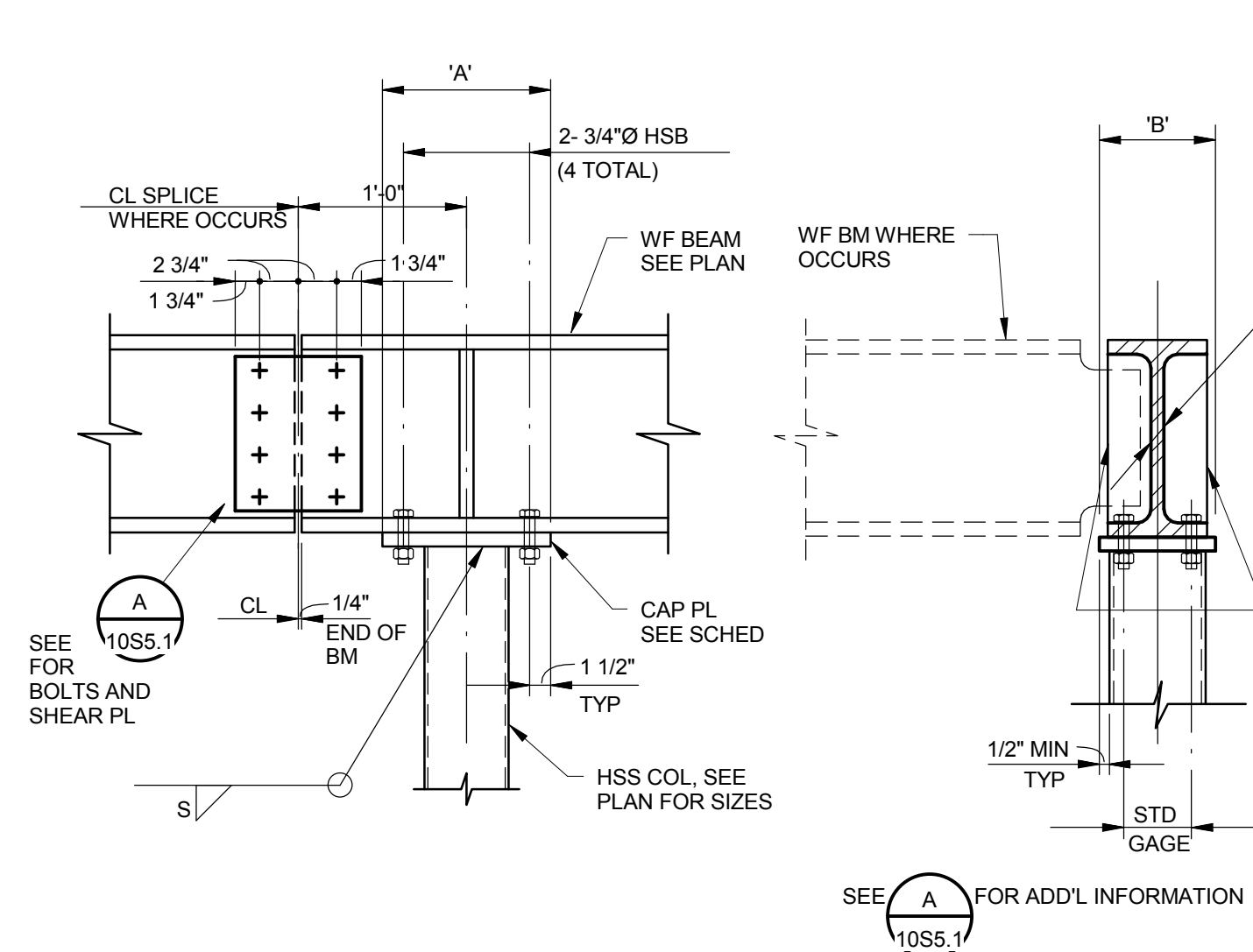
3. WT CONNECTION SHALL APPLY TO THE SMALLER (SHALLOWER) BEAM.

CONNECTION SCHEDULE							
HSS COLUMN SIZE	STFNR PL "T"	W	BASE PL				
	1		A'	B'	2	C'	D'
3"X3"	1/4"	3/16"	11"	4"	7 1/2"	1/2"	
4"X4"	1/4"	1/4"	12"	5"	8 1/2"	5/8"	
5"X5"	3/8"	1/4"	13"	6"	9 1/2"	3/4"	
6"X6"	3/8"	1/4"	14"	7"	10 1/2"	3/4"	
7"X7"	1/2"	1/4"	15"	8"	11 1/2"	3/4"	
8"X8"	3/4"	5/16"	15"	9"	12 1/2"	7/8"	
10"X10"	3/4"	5/16"	16"	11"	14 1/2"	1"	

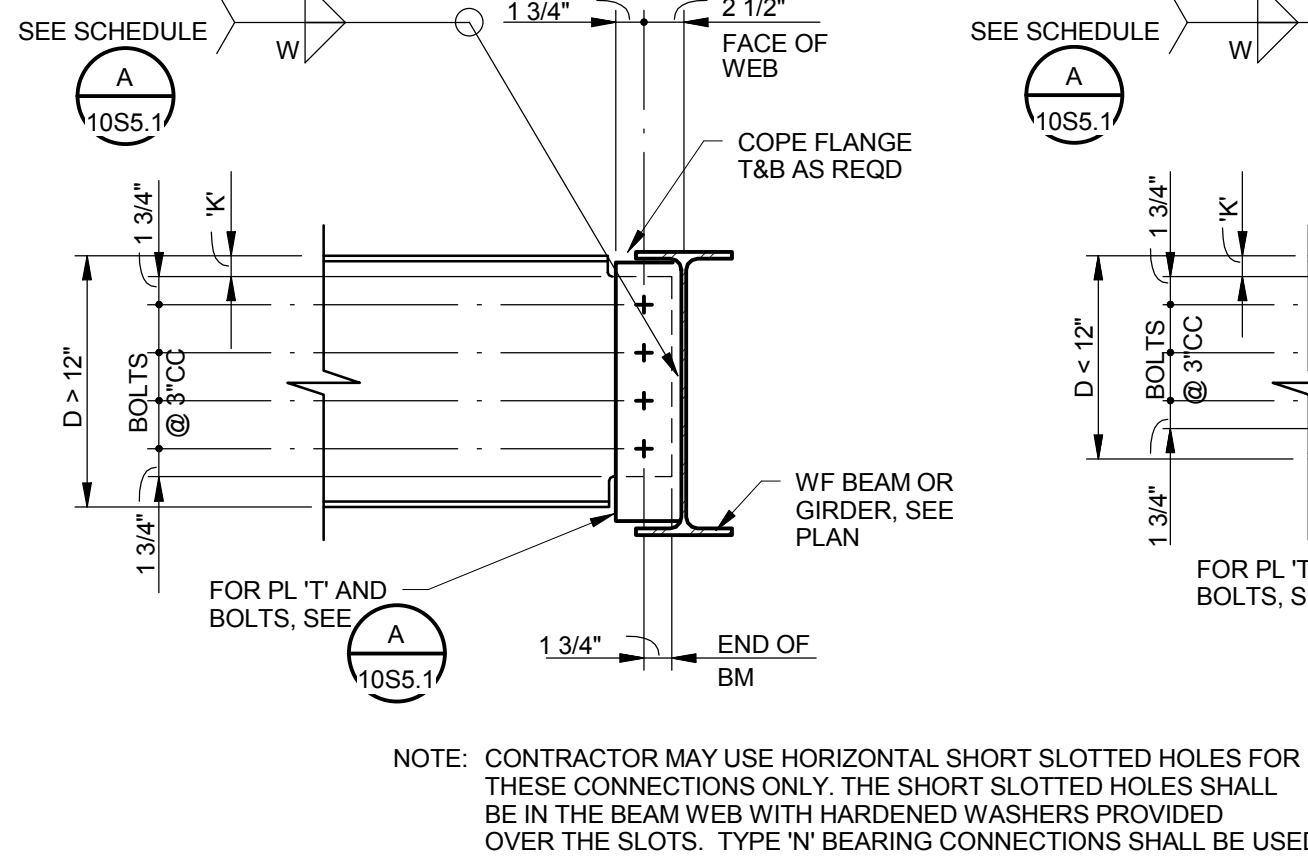
- NOTES:
- USE PL "T" FOR LARGEST HSS COLUMN AT CONNECTION
  - "B" INDICATES THE MINIMUM WIDTH. USE THE GREATER WIDTH OF THE BEAM FLANGE OR THE MINIMUM INDICATED.
  - WHERE BEAM FRAMES INTO COLUMN AT WEB STIFFENER PL. SEE 1 FOR ADD. REQUIREMENTS.
  - WELD "S" SHALL BE 1/4" AT BASE PLATES 3/4" THICK AND LESS, 5/16" AT BASE PLATES GREATER THAN 3/4" THICK.



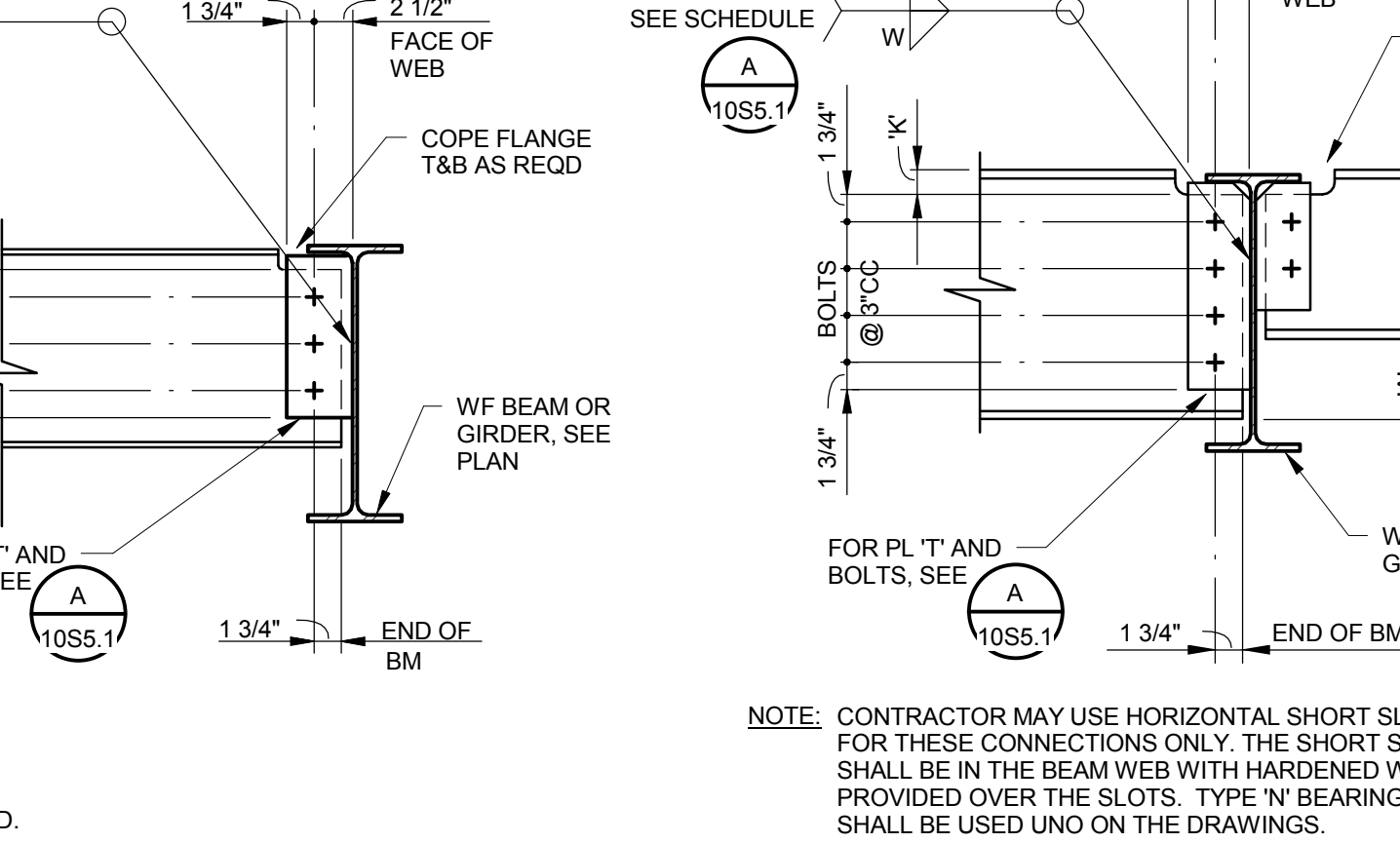
**DETAIL 6**  
1055.1  
HSS ABOVE TO TRANSFER BEAM BELOW  
51050016-12



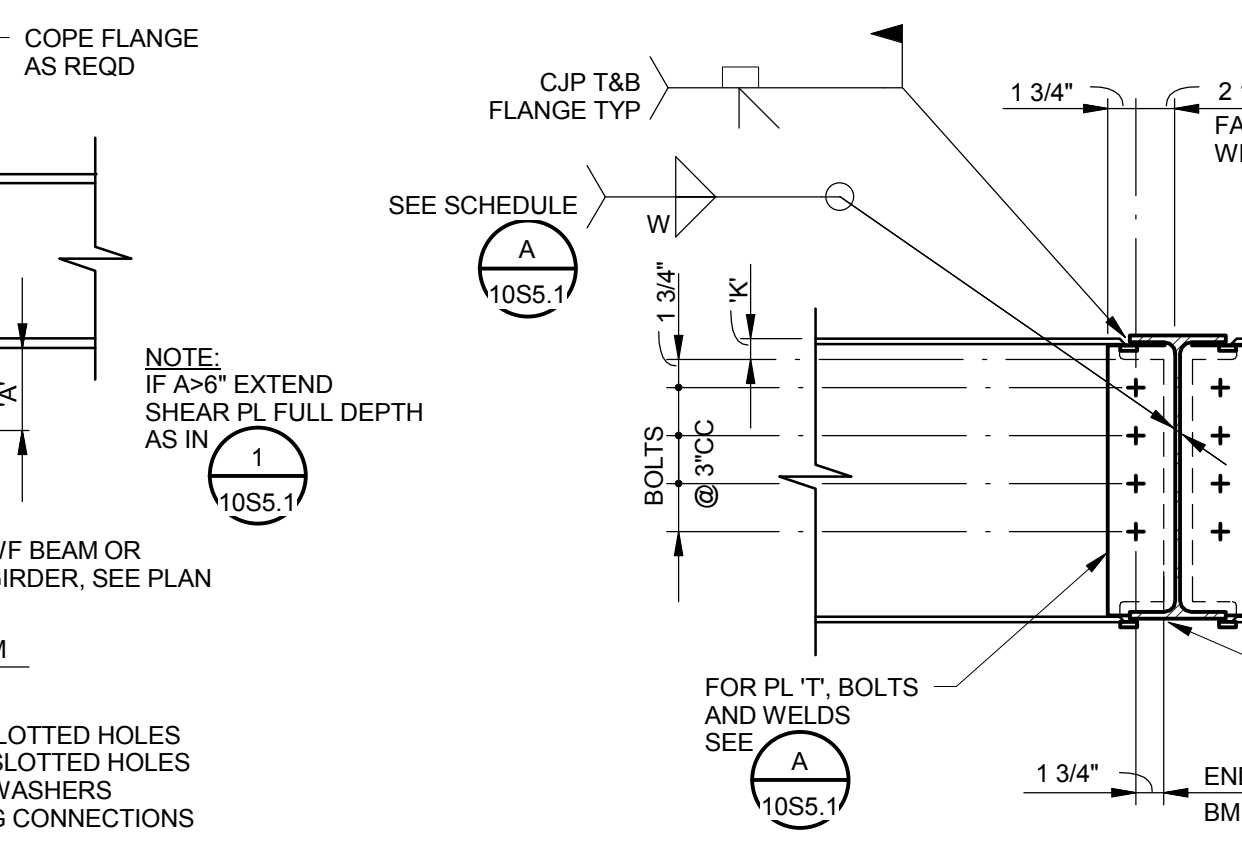
**DETAIL 7**  
1055.1  
BEAM OVER HSS COLUMN  
51050000-12



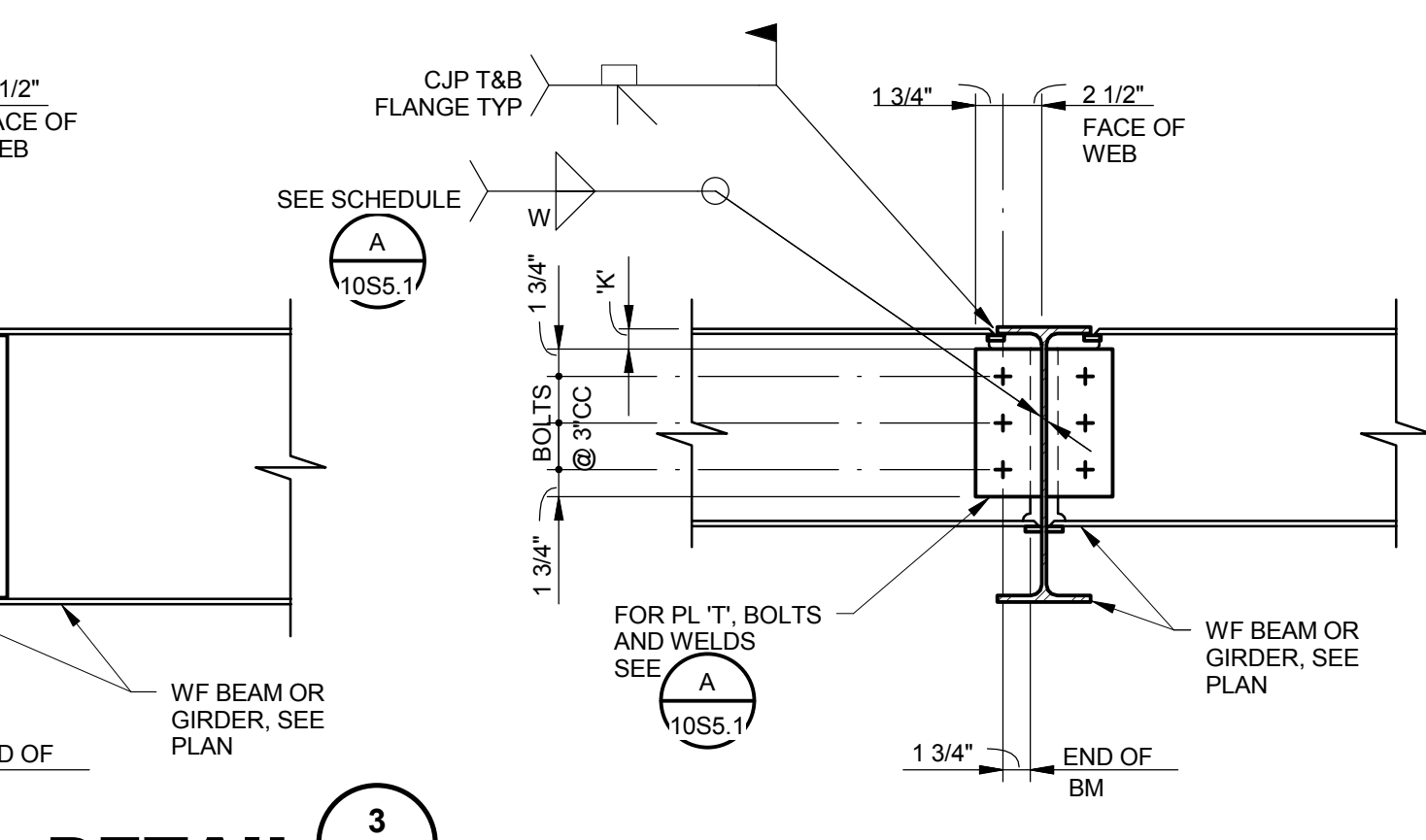
**DETAIL 1**  
1055.1  
BEAM TO BEAM - ONE SIDE  
51050000-12



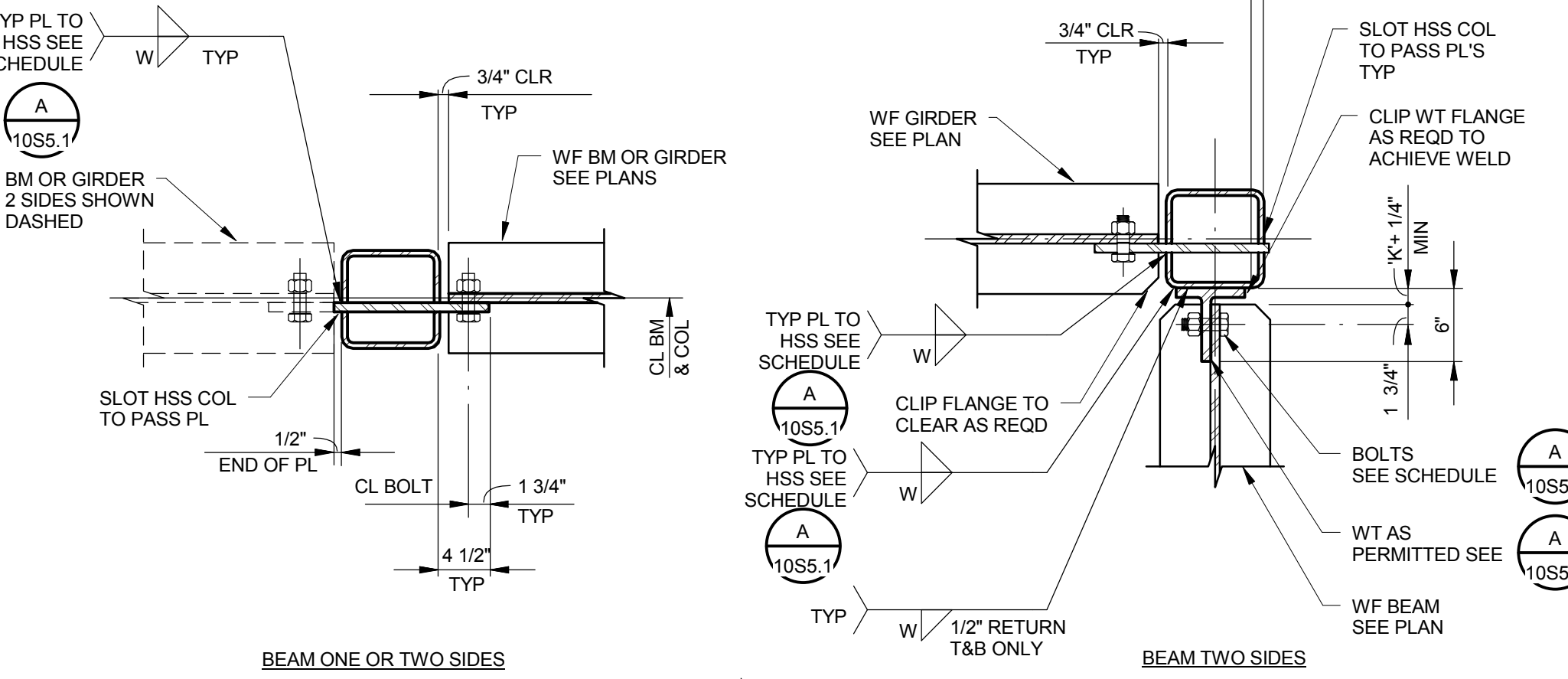
**DETAIL 2**  
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BEAM TO BEAM - TWO SIDES  
51050000-12



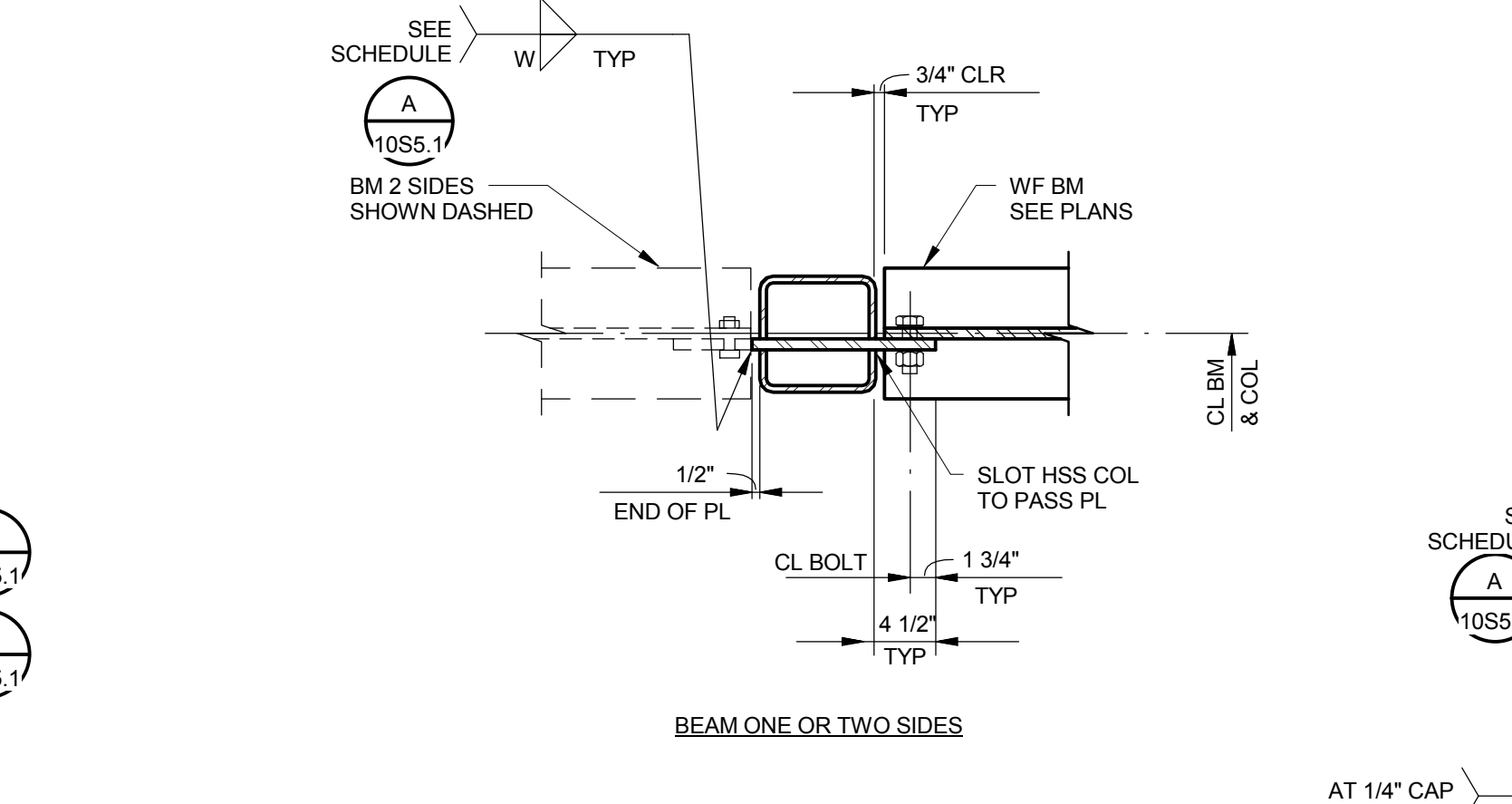
**DETAIL 3**  
1055.1  
NON-FRAME MOMENT CONNECTION BEAM TO BEAM  
51050004-12



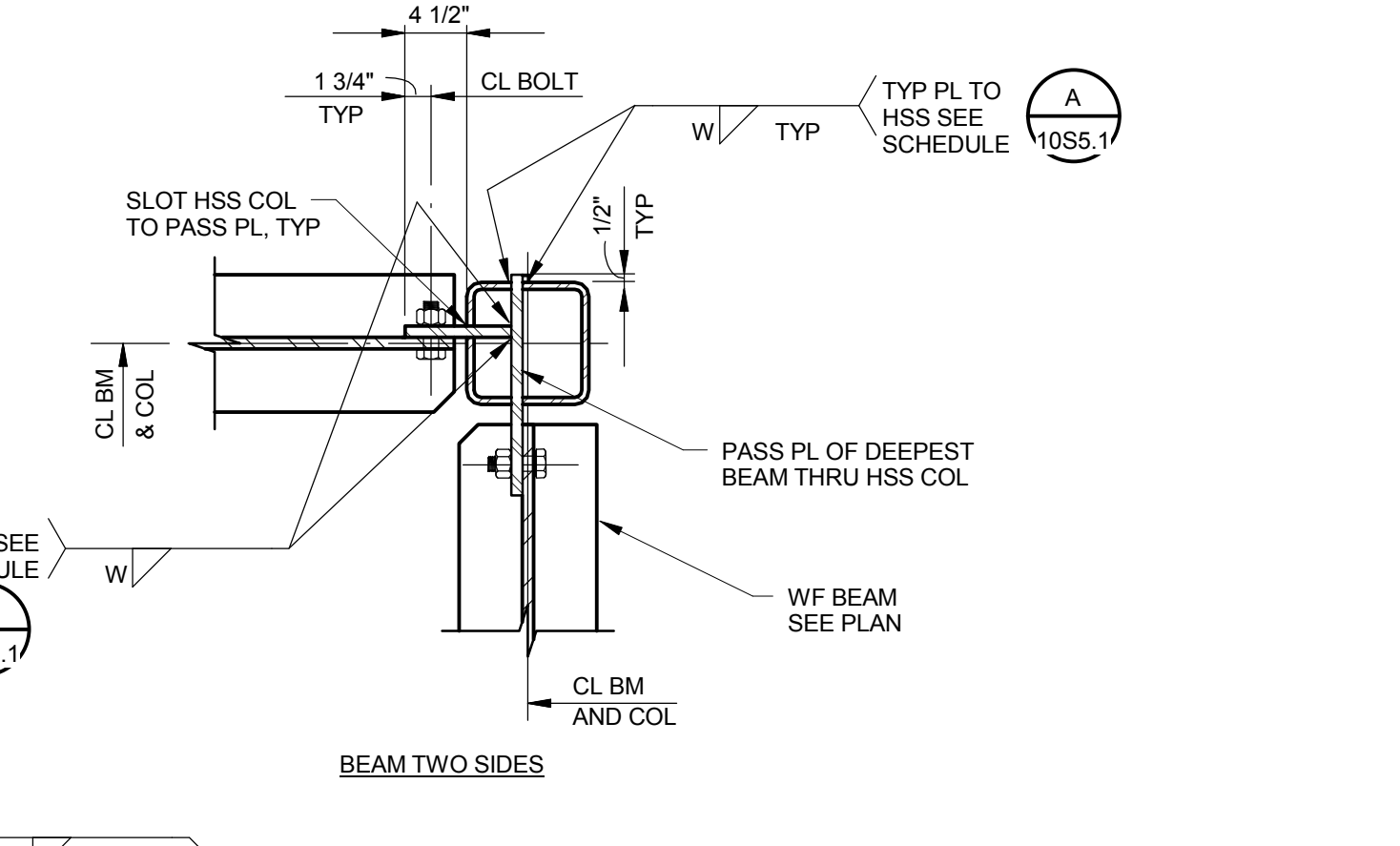
**DETAIL 4**  
1055.1  
BEAM ONE OR TWO SIDES  
51050000-12



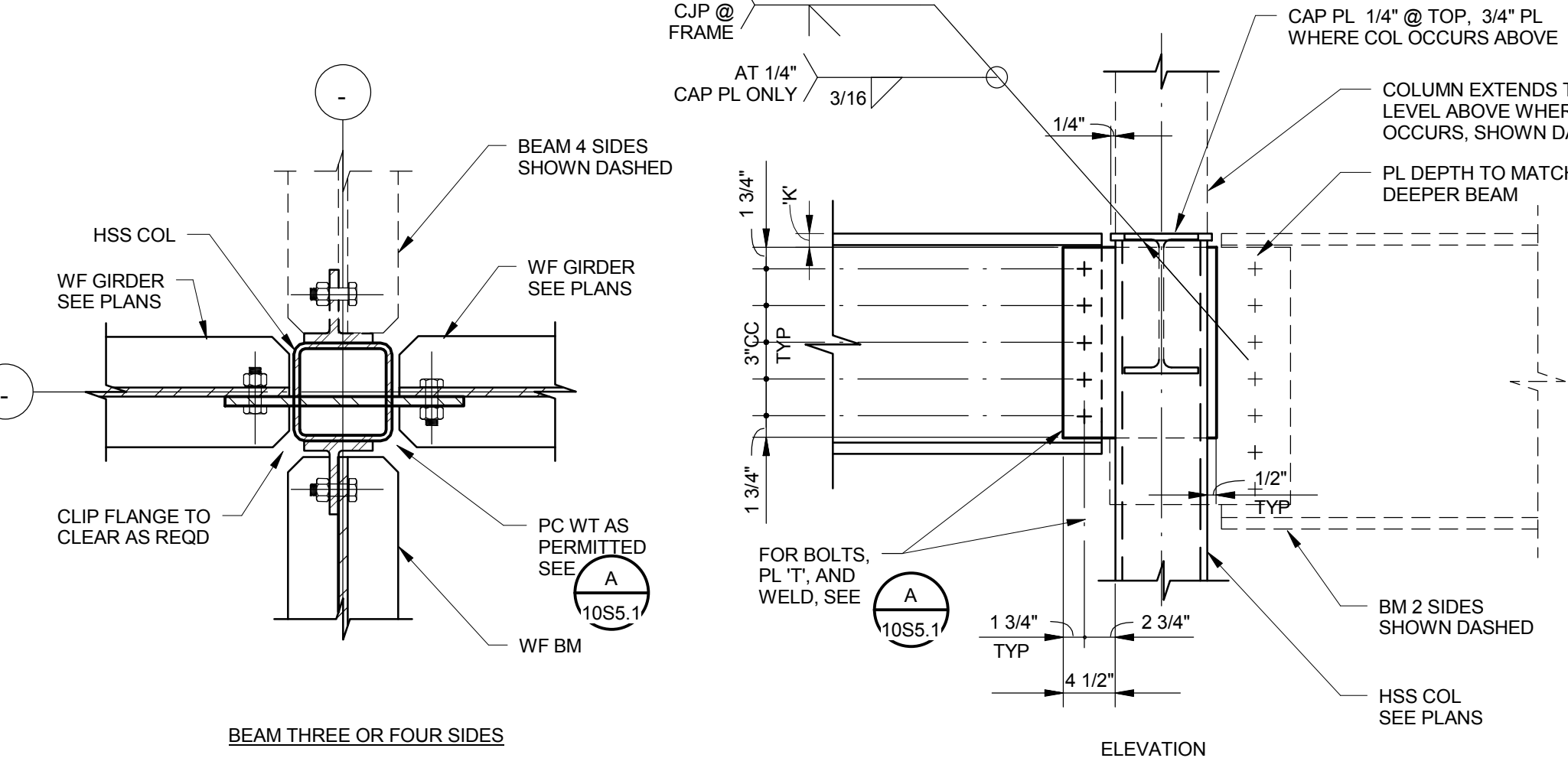
**DETAIL 5**  
1055.1  
BEAM ONE OR TWO SIDES  
51050000-12



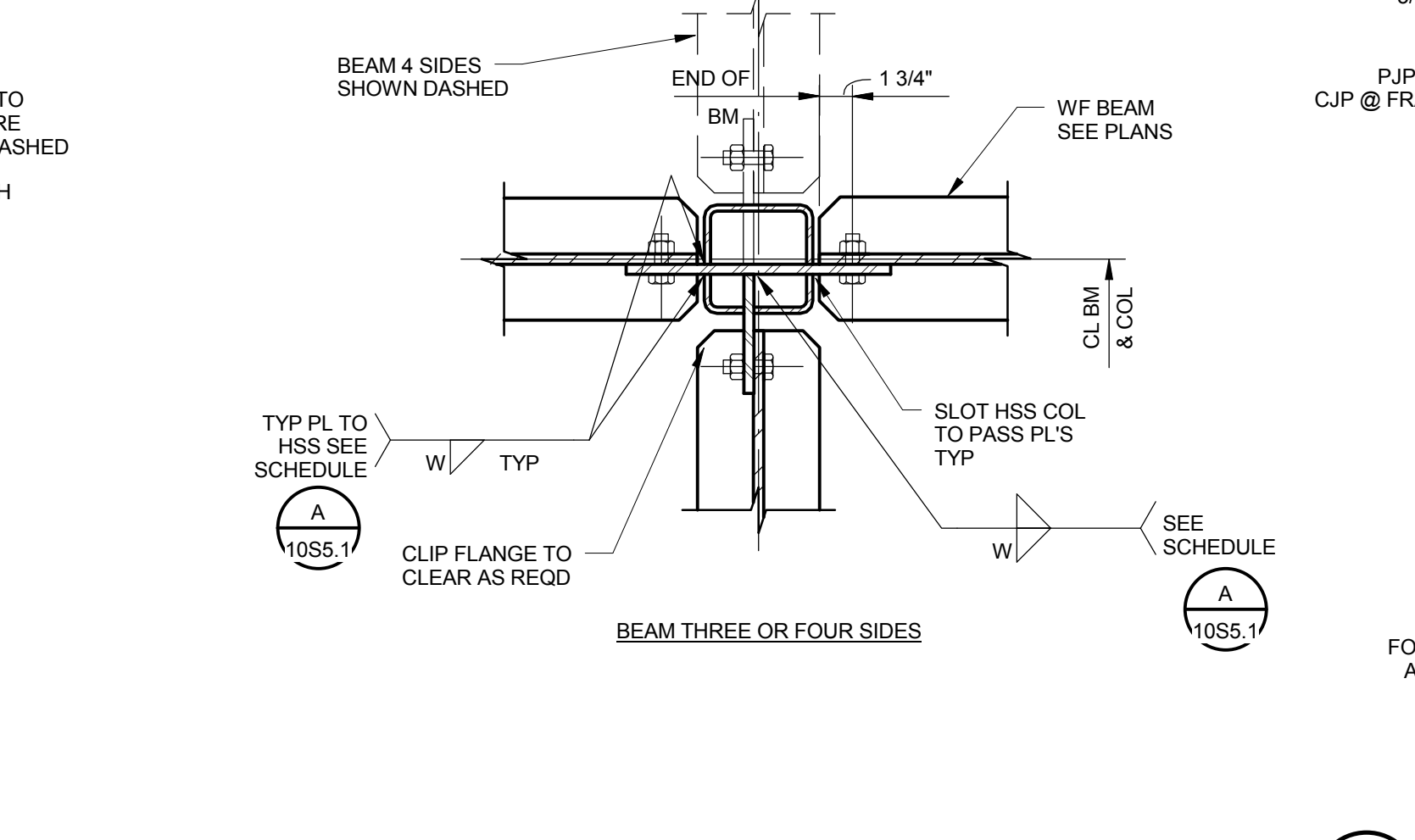
**DETAIL 6**  
1055.1  
BEAM THREE OR FOUR SIDES  
51050000-12



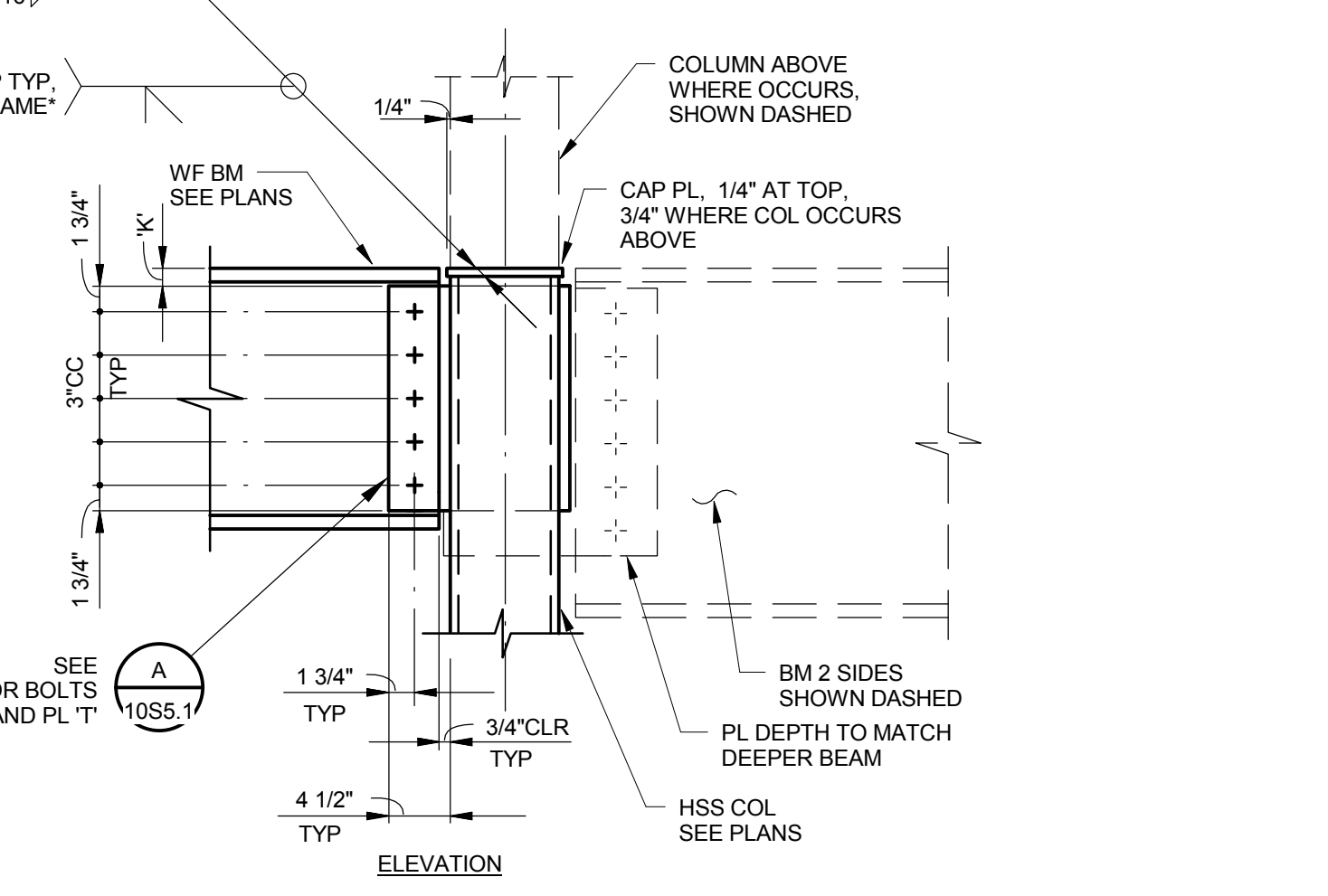
**DETAIL 7**  
1055.1  
BEAM TWO SIDES  
51050000-12



**DETAIL 8**  
1055.1  
BEAM THREE OR FOUR SIDES  
51050000-12



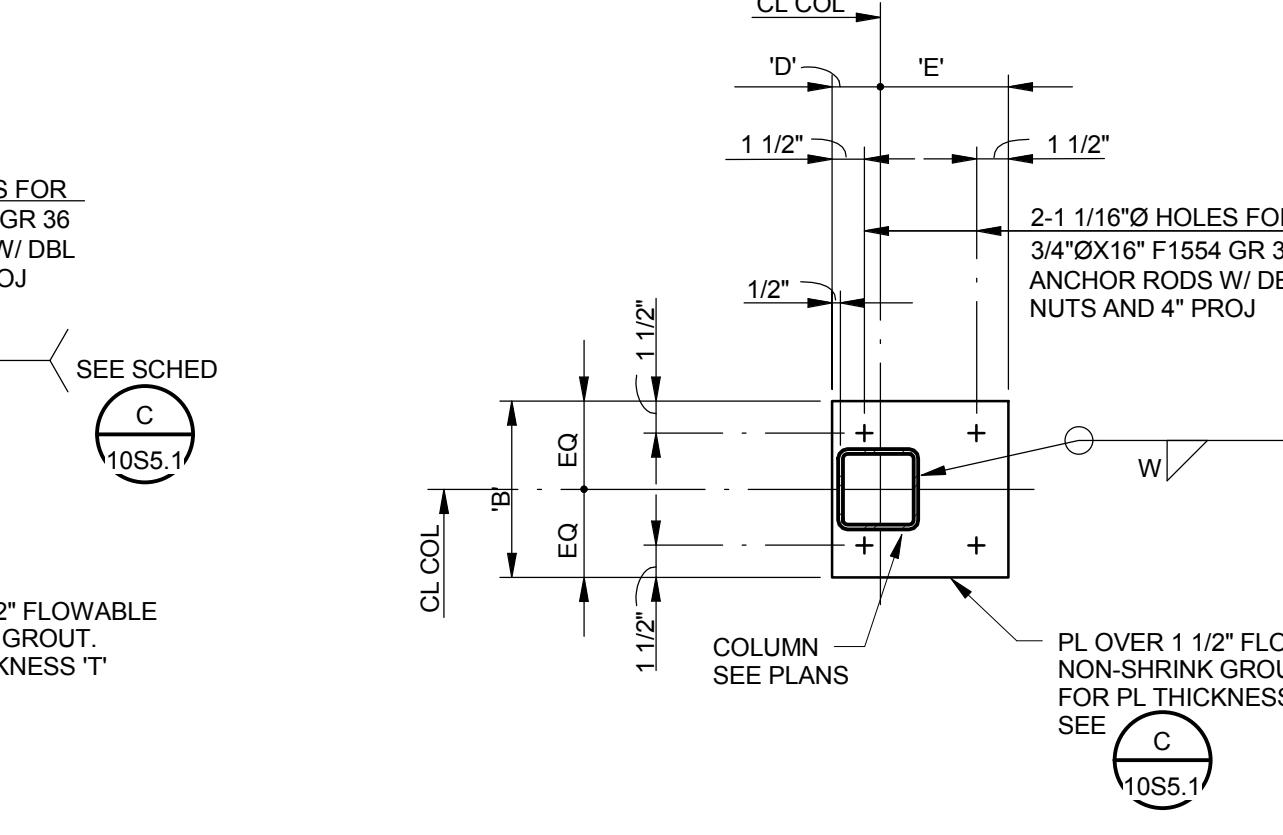
**DETAIL 9**  
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BEAM THREE OR FOUR SIDES  
51050000-12



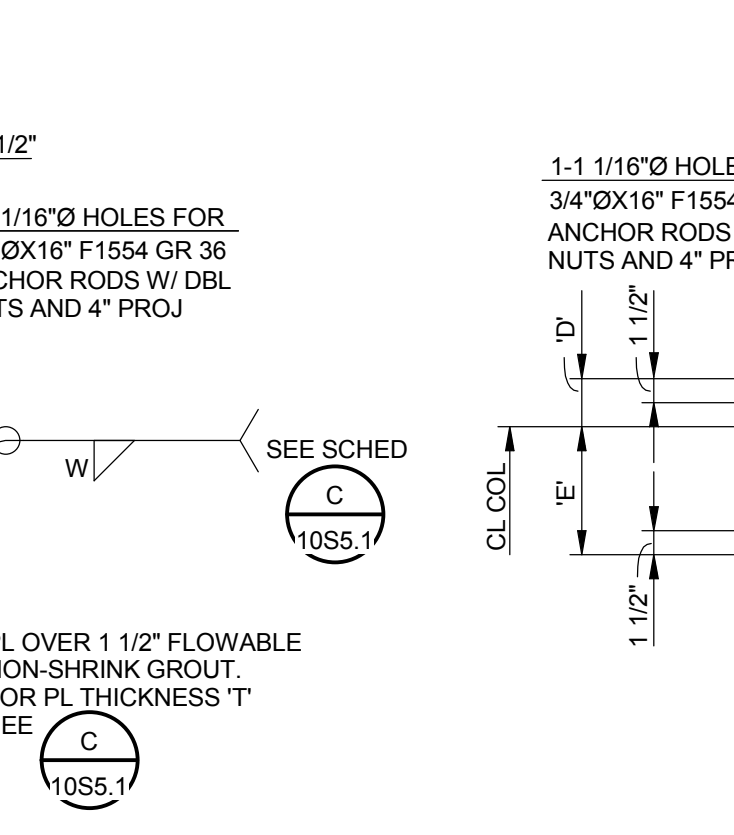
**DETAIL 10**  
1055.1  
BEAM TWO SIDES  
51050000-12

BASE PLATE SCHEDULE							
COLUMN SIZE	T'	A'	B'	C'	D'	E'	CAPACITY
3x3	5/8"	9"	9"	3 1/2"	2"	7"	-
4x4	5/8"	10"	10"	5"	2 1/2"	7 1/2"	-
5x5	1"	11"	11"	5 1/2"	3"	8"	-
6x6	1"	12"	12"	7"	3 1/2"	8 1/2"	-
7x7	1 1/4"	13"	13"	8"	4"	9"	-
8x8	1 1/4"	14"	14"	9"	4 1/2"	9 1/2"	-
10x10	1 1/2"	16"	16"	11"	5 1/2"	10 1/2"	-
12x12	1 1/2"	18"	18"	13"	6 1/2"	11 1/2"	-

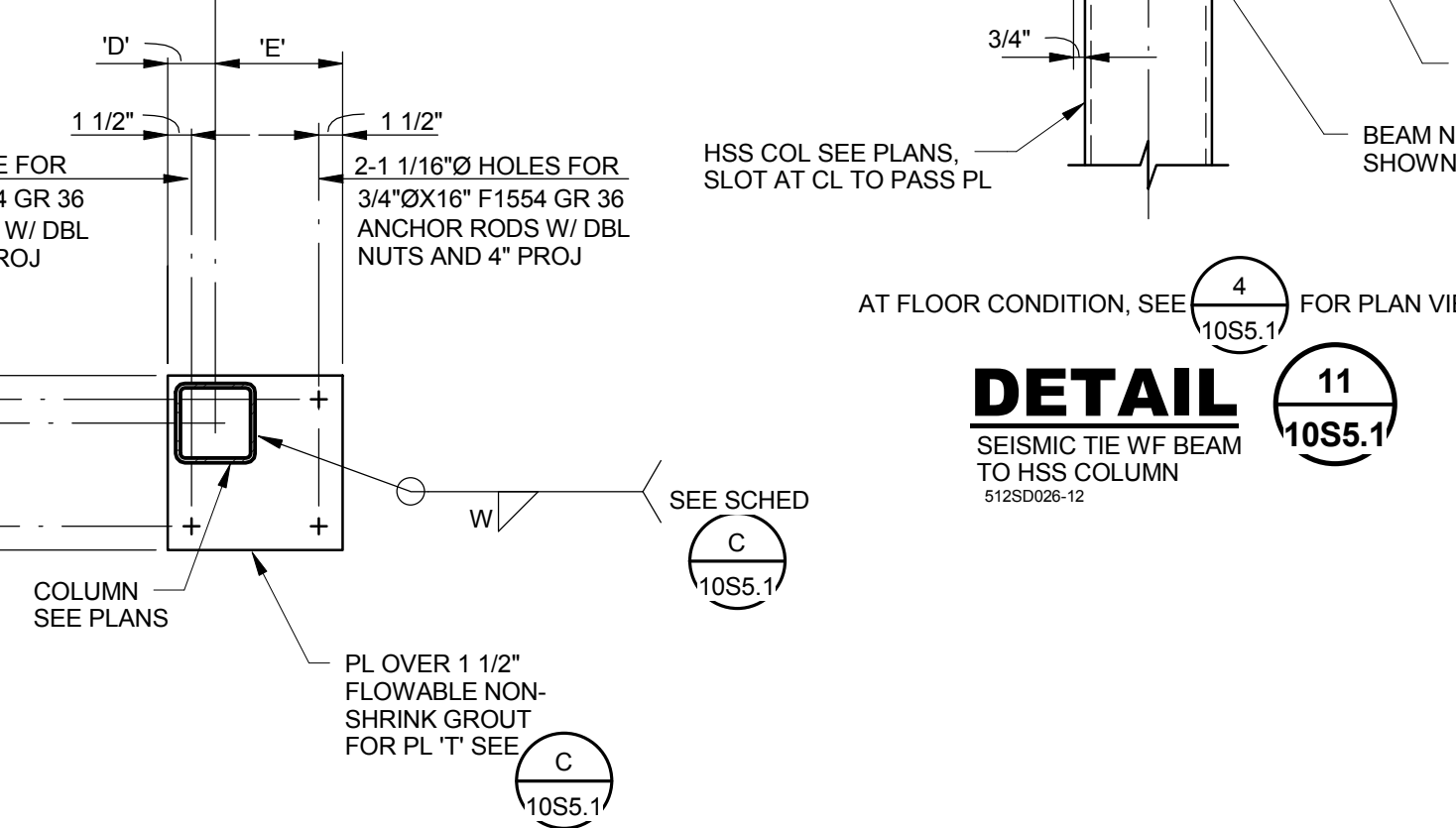
- NOTES:
- WELD "W" SHALL BE 1/4" AT BASE PLATES 3/4" AND LESS, 5/16" AT BASE PLATES GREATER THAN 3/4".



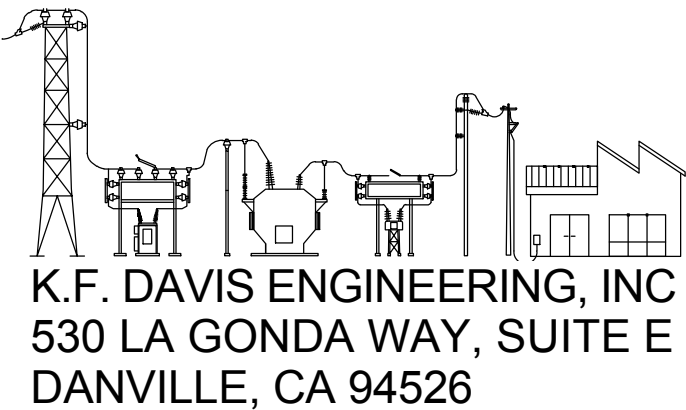
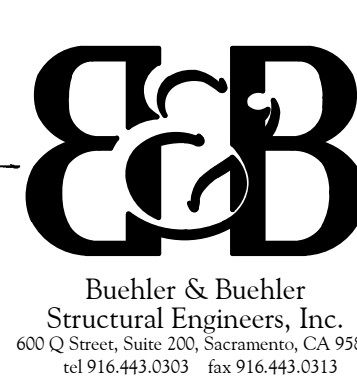
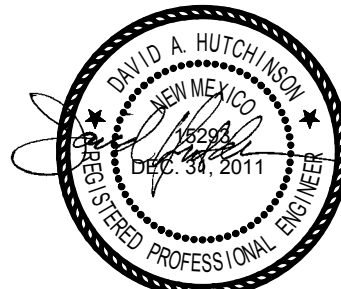
**DETAIL 11**  
1055.1  
BEAM TWO SIDES  
51050000-12



**DETAIL 12**  
1055.1  
BEAM TWO SIDES  
51050000-12



**DETAIL 13**  
1055.1  
BEAM TWO SIDES  
51050000-12



Revisions:	
Approved:	
Approved:	

Drawing Title:	
Approved: Medical Center Director	Drawn:
Approved: Chief, Engineering Service	Checked:

Project Title:	
Building Number:	Location:

Date:	
Project No.:	Dwg. 60 of 135

