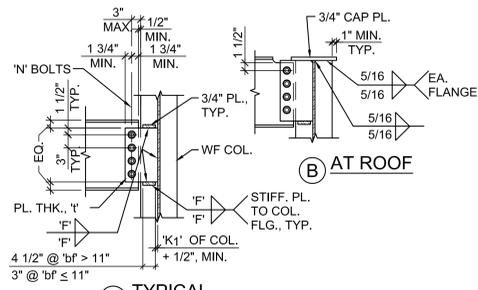
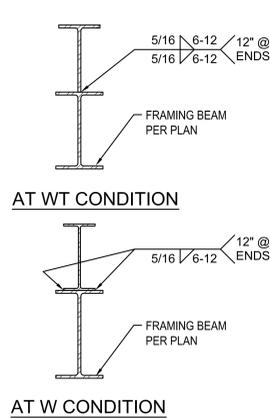


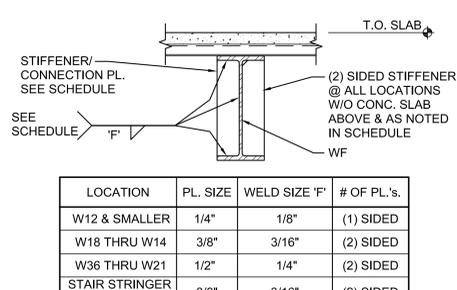
**13** BM. TO BM. CONNECTION  
MEMBER 'A' > MEMBER 'B'  
N.T.S.



**10** WF TO WEAK WAY WF  
COLUMN CONNECTION  
N.T.S.



**7** FILLER BEAM  
ABOVE FRAMING BEAM  
N.T.S.

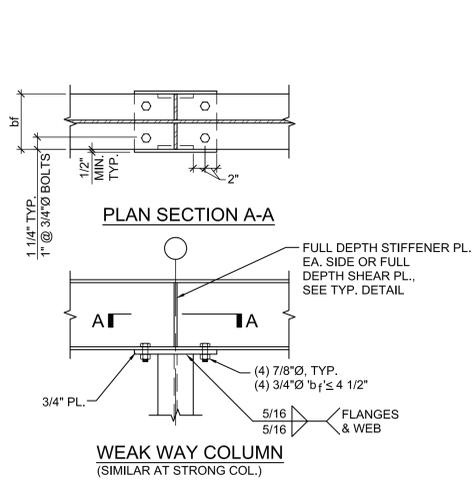


**4** STIFFENER CONNECTION PLATE  
N.T.S.

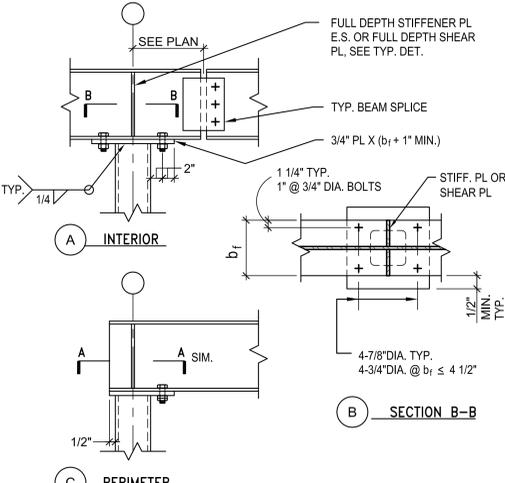
BEAM CONNECTION SCHEDULE				
NOMINAL MEMBER DEPTH	SHEAR PL. THICKNESS ('t')	FASTENERS A325-X U.O.N. ('N')	WELD SIZE ('F')	REMARKS
LESS THAN 12"	3/8"	(2) 7/8"Ø	5/16"	
12" THRU 14"	3/8"	(3) 7/8"Ø	5/16"	
16" THRU 18"	1/2"	(4) 7/8"Ø	3/8"	
21"	1/2"	(5) 7/8"Ø	3/8"	
24"	1/2"	(6) 7/8"Ø	3/8"	
27"	1/2"	(7) 7/8"Ø	3/8"	
30"	1/2"	(8) 7/8"Ø	3/8"	
33"	1/2"	(9) 7/8"Ø	3/8"	
36"	1/2"	(10) 7/8"Ø	3/8"	
40"	1/2"	(11) 7/8"Ø	3/8"	

- NOTES:  
 1. BOLT HOLES TO BE STD. HOLES 1/16" GREATER THAN BOLT DIAMETER, SHORT SLOTTED HOLES IN SHEAR PLATE MAY BE USED ONLY WHERE NOTED.  
 2. BOLTS TO BE FULLY PRETENSIONED W/ HARDENED WASHERS, U.O.N.  
 3. SCHEDULE BASED ON NOMINAL DEPTH OF WIDE FLANGE BEAMS, CHANNELS, TUBES, & OTHER MISCELLANEOUS SHAPES.

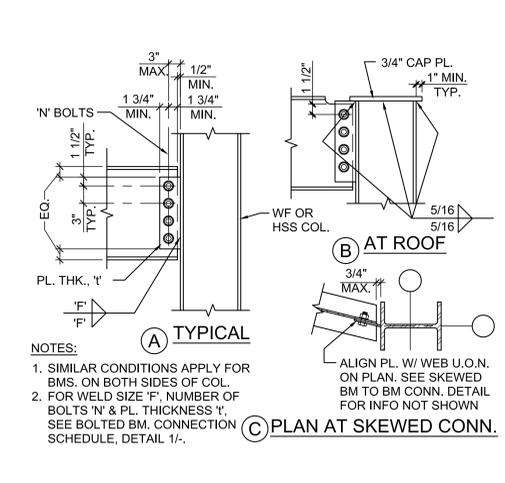
**1** BOLTED BM. CONN. SCHEDULE  
N.T.S.



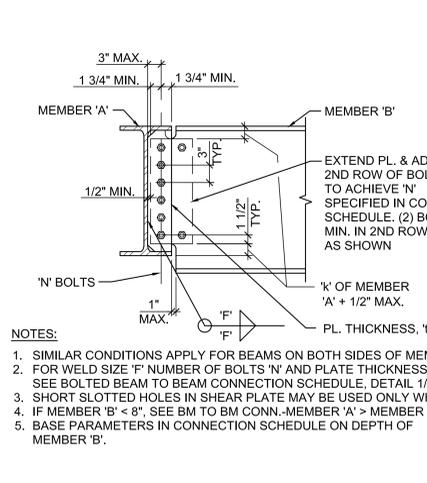
**11** SEATED WF BEAM TO WF COL.  
N.T.S.



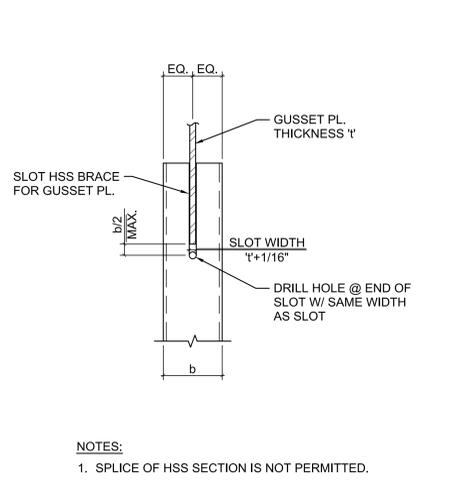
**8** SEATED WF TO HSS COLUMN  
N.T.S.



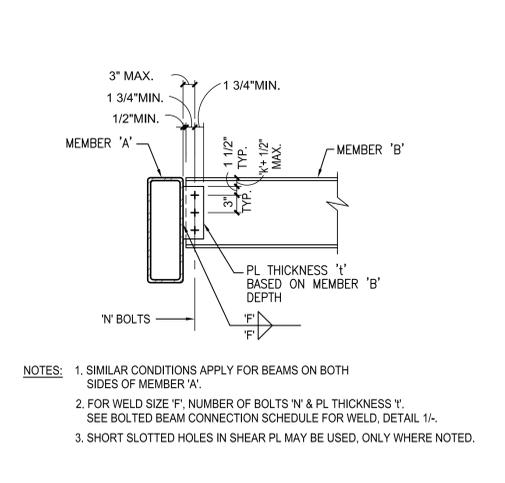
**5** WF TO STRONG WAY  
WF OR HSS COLUMN  
N.T.S.



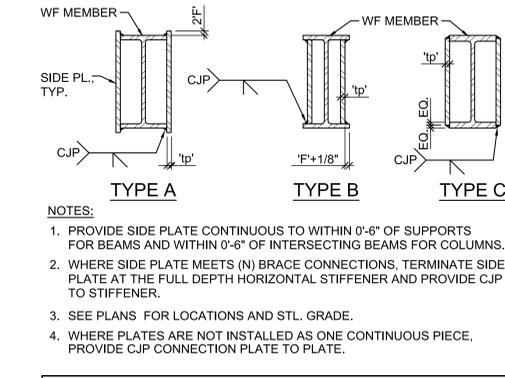
**2** BM. TO BM. CONNECTION  
MEMBER 'A' ≤ MEMBER 'B'  
N.T.S.



**12** HSS SLOT DETAIL  
N.T.S.

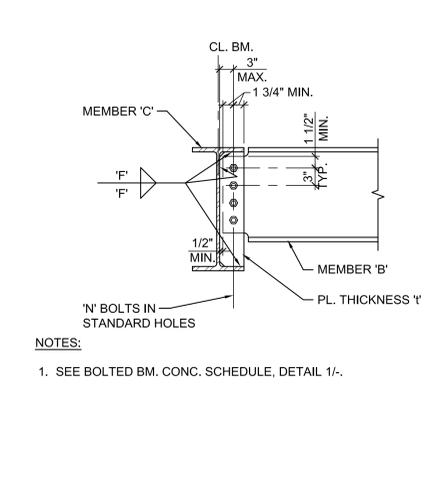


**9** WF TO HSS BEAM CONNECTION  
N.T.S.



BUILT-UP SECTION SCHEDULE					
MARK	TYPE	WF MEMBER	PL. THICKNESS ('t')	WELD SIZE ('F')	REMARKS
BU1					NOT USED
BU2	B	VARIES	3/4"	1/2"	

**6** BUILT-UP SECTIONS  
N.T.S.



**3** FULL DEPTH CONNECTION  
MEMBER 'B' > W10  
N.T.S.

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**Drawing Title**  
 TYPICAL STEEL DETAILS  
**Approved Project Director**

**Project Title**  
 BUILDING 24  
 SEISMIC CORRECTION  
 AND ADDITION  
**Location**  
 VAMC FRESNO, CA  
**Date**  
 March 12, 2013

**Project Number**  
 570-215  
**Building Number**  
 24  
**Drawing Number**  
 SS111  
 Dwg. 7 of 176

**Office of Construction and Facilities Management**  
 Department of Veterans Affairs