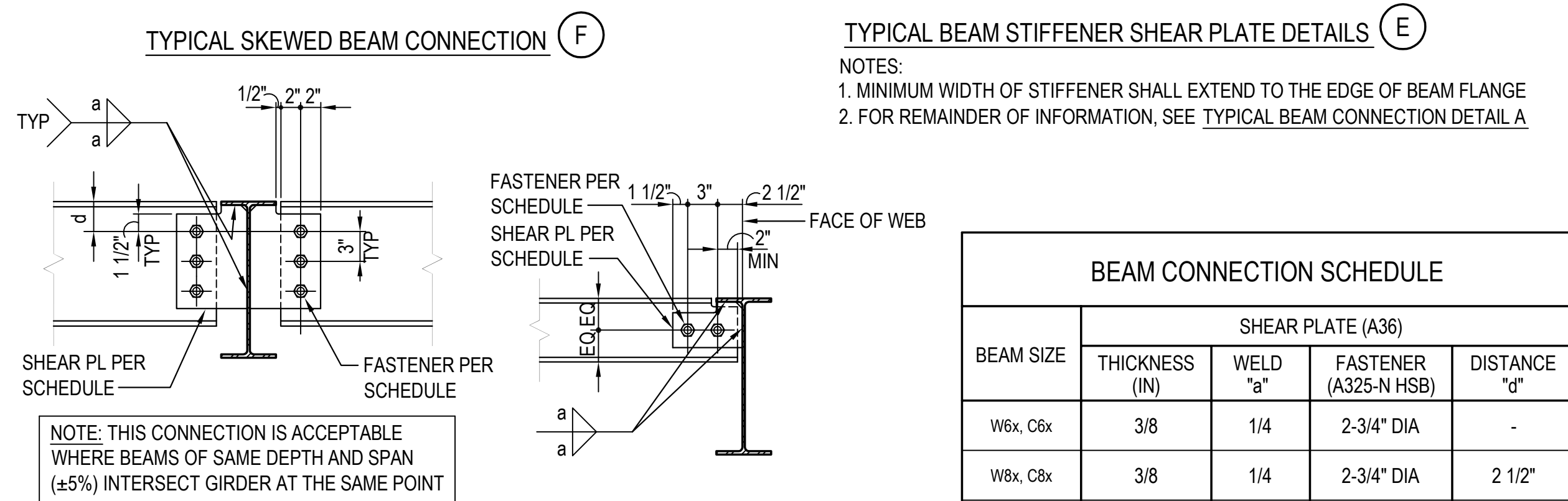
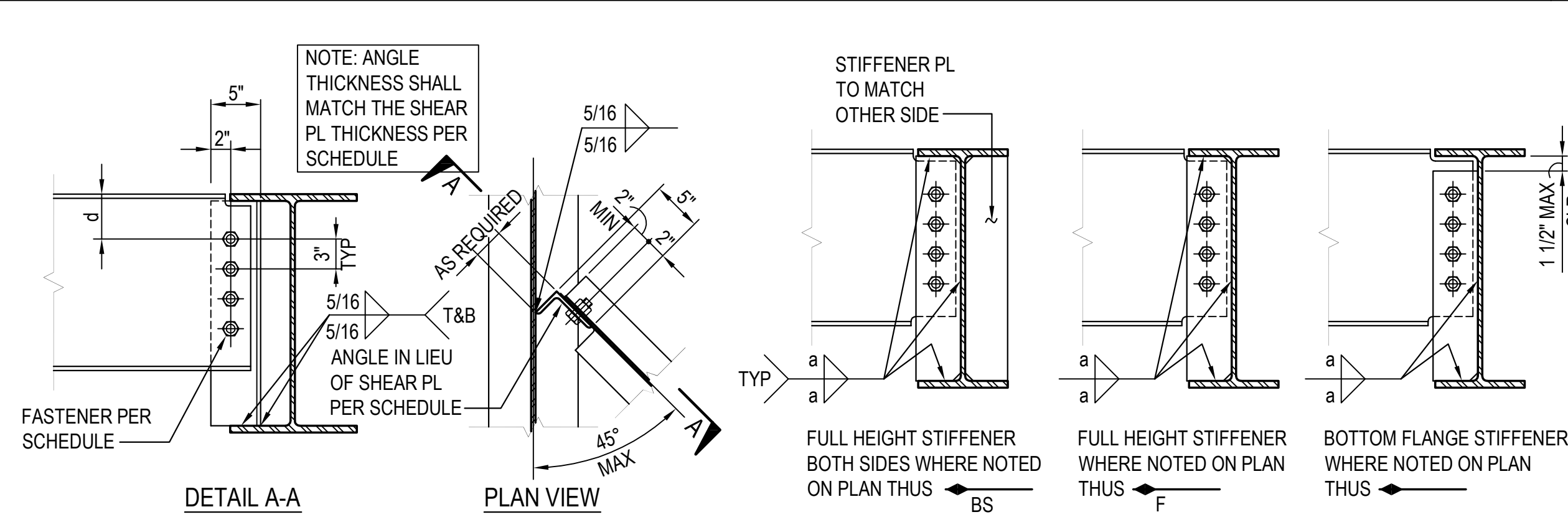
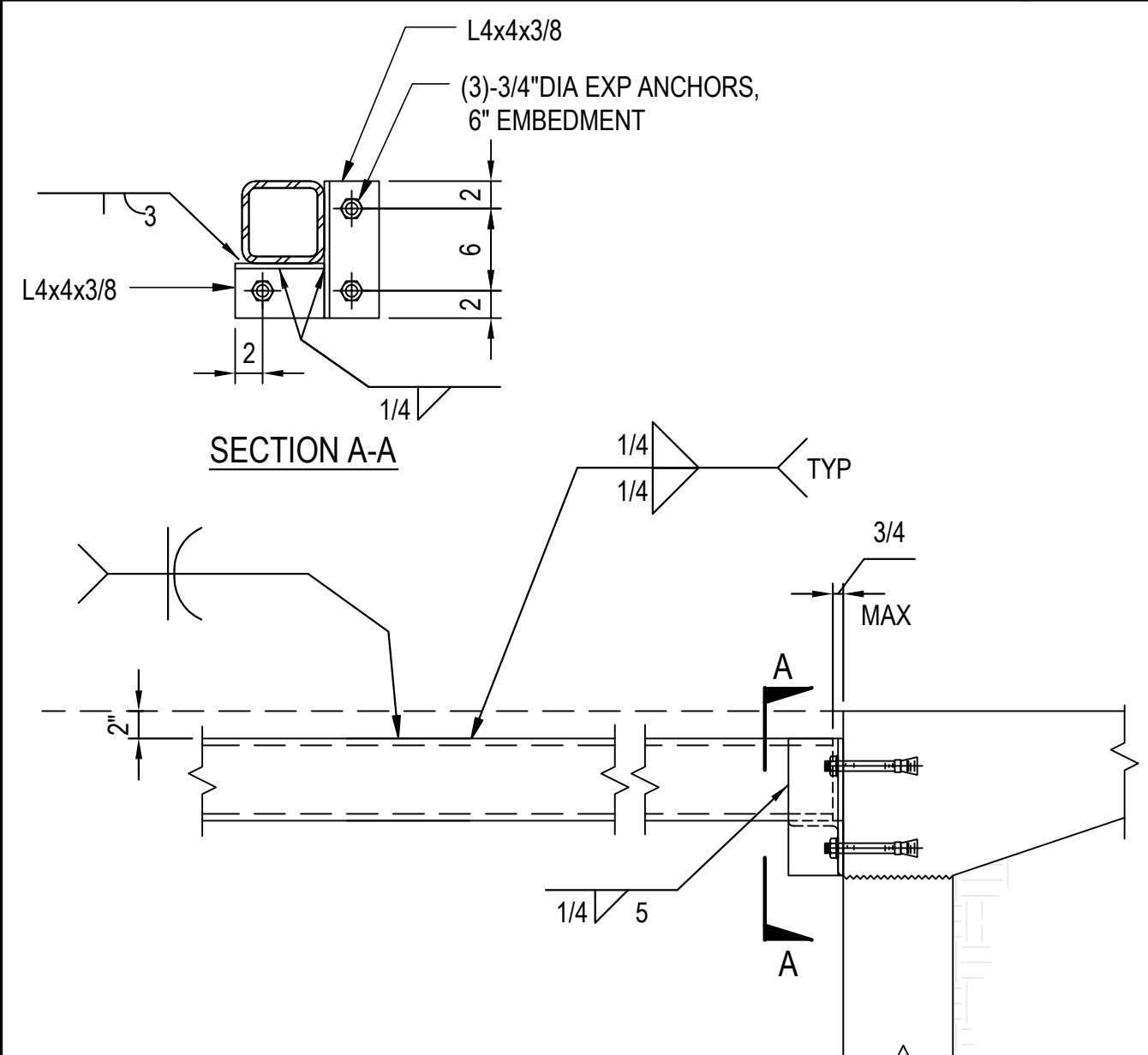


BEAM A	BRACE SIZE	L (MAX)	NO OF BOLTS (N)	TOTAL WELD LENGTH (b)	ULTIMATE CAPACITY
EBF BEAMS	2-L3x2-1/2x3/8, LLBB	10'-0"	2	9"	40 K
SMRF BEAMS	2-L3x2-1/2x1/4, LLBB	9'-0"	1	7"	34 K
		10'-6"	2	6"	29 K
GRAVITY BEAMS	2-L3x2-1/2x1/4, LLBB	9'-0"	1	7"	34 K
		10'-6"	2	6"	29 K



BEAM CONNECTION SCHEDULE				
BEAM SIZE	THICKNESS (IN)	SHEAR PLATE (A36)		
		WELD "a"	FASTENER (A325-N HSB)	DISTANCE "d"
W6x, C6x	3/8	1/4	2-3/4" DIA	-
W8x, C8x	3/8	1/4	2-3/4" DIA	2 1/2"
W10x, C10x	3/8	1/4	2-3/4" DIA	3 1/2"
W12x, C12x MC12x	3/8	5/16	3-7/8" DIA	3"
W14x	3/8	5/16	3-7/8" DIA	4"
W16x	3/8	5/16	4-7/8" DIA	3 1/2"
W18x	3/8	5/16	4-7/8" DIA	4 1/2"
W21x	3/8	5/16	5-7/8" DIA	4 1/2"
W24x	3/8	5/16	6-7/8" DIA	4 1/2"
W27x	1/2	5/16	7-7/8" DIA	4 1/2"
W30x	1/2	5/16	8-7/8" DIA	4 1/2"
W33x	1/2	5/16	9-1" DIA	4 1/2"
W36x	1/2	5/16	10-1" DIA	4 1/2"

