



WILDCAT™ CONNECTION SCHEDULE

GRID LINE	FLR ELEV	BRB MARK	W1	LOWER BM or BASE PL. WELD		LOWER COL. WELD		UPPER BEAM WELD		UPPER COL. WELD		CHEVRON	GUSSET PL Tkg
				L2min	L2min	L3min	L3min	L2min	L2min	L3min	L4min		
Line 10 H-G	1st-2nd	WC242a	3/8	14	5/16	38	5/16	16	3/8	34	5/16	11	3/4
Line 10 G-F	1st-2nd	WC242b	3/8	14	5/16	38	5/16	16	5/16	34	5/16	11	3/4
Line 1 B-C	1st-2nd	WC242a	3/8	14	5/16	38	5/16	16	5/16	84	5/16	11	3/4
Line 1 B-C	1st-2nd	WC242b	3/8	14	5/16	38	5/16	16	5/16	34	5/16	11	3/4
Line J 7-8	1st-2nd	WC242a	3/8	14	5/16	38	5/16	16	5/16	34	5/16	11	3/4
Line J 8-9	1st-2nd	WC242a	3/8	14	5/16	38	5/16	16	5/16	34	5/16	11	3/4
Line A 4-3	1st-2nd	WC242b	3/8	14	5/16	38	5/16	16	5/16	34	5/16	11	3/4
Line A 3-2	1st-2nd	WC242a	3/8	14	5/16	38	5/16	16	5/16	34	5/16	11	3/4
Line 10 H-G	Base-1st	WC452a	9/16	16	9/16	26	7/16	26	9/16	38	5/16	14	1
Line 10 G-F	Base-1st	WC452a	9/16	16	9/16	26	7/16	26	9/16	38	5/16	14	1
Line 1 B-C	Base-1st	WC452a	9/16	16	9/16	26	7/16	26	9/16	38	5/16	14	1
Line 1 B-C	Base-1st	WC452a	9/16	16	9/16	26	7/16	26	9/16	38	5/16	14	1

9. BRB CONNECTION SCHEDULE (WELDED CONNECTIONS) NIS

NOTE: 1. GUSSET PLATES ARE TO BE A572-50

- BRACE FRAME ELEVATION NOTES:
- BUCKLING RESTRAINED BRACES ARE TO BE TESTED PER THE PROVISIONS OF AISC 341-05, SUPPLIER TO SUBMIT PROOF OF EACH BRACE'S COMPLIANCE WITH THE QUALIFIED LOAD & STRAIN RANGES.
 - Pu GIVEN IS THE CONNECTIONS CODE LEVEL FORCE IN THE BRACE, USING LRFD FORCE LEVELS
 - F_{yc} IS THE ACTUAL YIELD STRESS OF THE STEEL CORE AS DETERMINED BY A COUPON TEST. 38 ksi S F_{yc} S 40 ksi. CHART TESTING REQUIRED WHEN THICKNESS OF THE CORE MATERIAL EXCEEDS 2".
 - BRACE STIFFNESS KEFF TO BE SWF * Asc E ±10% WHERE THE VALUES FOR STIFFNESS MODIFICATION.
 - FACTOR (SWF) & Asc ARE TAKEN FROM THE TABLE & LWP-WP IS THE WORKPOINT - WORKPOINT LENGTH OF THE BRACE.
 - BRACE STRAINS TO BE CALCULATED AS P_u / (P_u * I = CODE REDUNDANCY FACTOR & I = CODE IMPORTANCE FACTOR).
 - MAXIMUM P_u NOT TO EXCEED XXX.