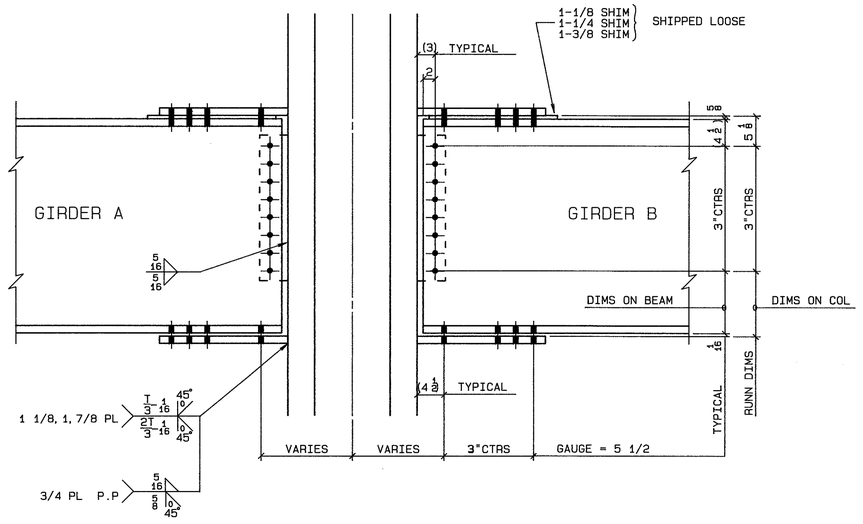
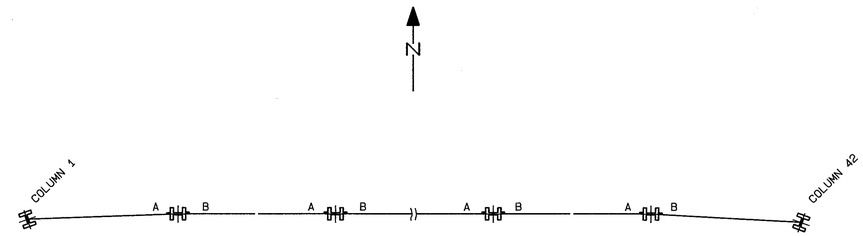
COL NO.	FLOOR	COL. SIZE	GIRDER A									GIRDER B								
			WG NO.	SIZE		MOM'K	SHEAR	FLG. BOLT	FLANGE PLATE	WEB BOLT	WEB PLATE	WG NO.	SIZE		MOM'K	SHEAR	FLG. BOLT	FLANGE PLATE	WEB BOLT	WEB PLATE
57	25	W14X500	WG-58	W36X245	SLOPING	690	118	16	12X1X2-3 1/2	7	5X1/2X1-9 1/2 A753	WG-57	W36X245		580	112	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
56	25	W14X500	WG-57	W36X245		580	112	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-56	W36X245		760	135	18	12X1 1/8X2-6 1/2 C752	8	5X1/2X2-0 1/2 B753
55	25	W14X500	WG-56	W36X245		760	135	18	12X1 1/8X2-6 1/2 C752	8	5X1/2X2-0 1/2 B753	WG-55	W36X245		580	111	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
54	25	W14X500	WG-55	W36X245		580	111	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-54	W36X245		530	109	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753
53	25	W14X500	WG-54	W36X245		530	109	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753	WG-53	W36X245		510	106	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753
52	25	W14X500	WG-53	W36X245		510	106	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753	WG-52	W36X245		510	106	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753
51	25	W14X500	WG-52	W36X245		510	106	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753	WG-51	W36X245		510	106	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753
50	25	W14X500	WG-51	W36X245		510	106	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753	WG-50	W36X245		500	105	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753
49	25	W14X500	WG-50	W36X245		500	105	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753	WG-49	W36X245		500	105	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753
48	25	W14X500	WG-49	W36X245		500	105	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753	WG-48	W36X245		490	104	12	12X3/4X1-9 1/2 A752	(B)7	5X1/2X1-(B)1/2 (1) A-(B)753 (9)
47	25	W14X500	WG-48	W36X245		490	104	12	12X3/4X1-9 1/2 A752	(B)7	5X1/2X1-(B)1/2 (1) A-(B)753 (9)	WG-47	W36X245		510	113	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753
46	25	W14X500	WG-47	W36X245		510	113	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753	WG-46	W36X245		580	101	14	12X7/8X2-0 1/2 H752	6	5X1/2X1-6 1/2 C753
45	25	W14X500	WG-46	W36X245		580	101	14	12X7/8X2-0 1/2 H752	6	5X1/2X1-6 1/2 C753	WG-45	W36X245		560	99	14	12X7/8X2-0 1/2 H752	6	5X1/2X1-6 1/2 C753
44	25	W14X500	WG-45	W36X245		560	99	14	12X7/8X2-0 1/2 H752	6	5X1/2X1-6 1/2 C753	WG-44	W36X245		540	95	14	12X7/8X2-0 1/2 H752	6	5X1/2X1-6 1/2 C753
43	25	W14X500	WG-44	W36X245		540	95	14	12X7/8X2-0 1/2 H752	6	5X1/2X1-6 1/2 C753	WG-43	W36X245	SLOPING	670	101	16	12X1X2-3 1/2	6	5X1/2X1-6 1/2 C753
57	26 - 28	W14X500	WG-58	W36X245	SLOPING	710	120	16	12X1X2-3 1/2	7	5X1/2X1-9 1/2 A753	WG-57	W36X245		590	113	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
56	26 - 28	W14X500	WG-57	W36X245		590	113	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-56	W36X245		770	136	18	12X1 1/8X2-6 1/2 C752	8	5X1/2X2-0 1/2 B753
55	26 - 28	W14X500	WG-56	W36X245		770	136	18	12X1 1/8X2-6 1/2 C752	8	5X1/2X2-0 1/2 B753	WG-55	W36X245		590	112	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
54	26 - 28	W14X500	WG-55	W36X245		590	112	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-54	W36X245		530	109	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753
53	26 - 28	W14X500	WG-54	W36X245		530	109	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753	WG-53	W36X245		520	108	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753
52	26 - 28	W14X500	WG-53	W36X245		520	108	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753	WG-52	W36X245		520	107	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753
51	26 - 28	W14X500	WG-52	W36X245		520	107	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753	WG-51	W36X245		510	106	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753
50	26 - 28	W14X500	WG-51	W36X245		510	106	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753	WG-50	W36X245		510	106	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753
49	26 - 28	W14X500	WG-50	W36X245		510	106	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753	WG-49	W36X245		510	106	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753
48	26 - 28	W14X500	WG-49	W36X245		510	106	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753	WG-48	W36X245		500	105	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753
47	26 - 28	W14X500	WG-48	W36X245		500	105	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753	WG-47	W36X245		520	114	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753
46	26 - 28	W14X500	WG-47	W36X245		520	114	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753	WG-46	W36X245		580	101	14	12X7/8X2-0 1/2 H752	6	5X1/2X1-6 1/2 C753
45	26 - 28	W14X500	WG-46	W36X245		580	101	14	12X7/8X2-0 1/2 H752	6	5X1/2X1-6 1/2 C753	WG-45	W36X245		570	100	14	12X7/8X2-0 1/2 H752	6	5X1/2X1-6 1/2 C753
44	26 - 28	W14X500	WG-45	W36X245		570	100	14	12X7/8X2-0 1/2 H752	6	5X1/2X1-6 1/2 C753	WG-44	W36X245		540	95	14	12X7/8X2-0 1/2 H752	6	5X1/2X1-6 1/2 C753
43	26 - 28	W14X500	WG-44	W36X245		540	95	14	12X7/8X2-0 1/2 H752	6	5X1/2X1-6 1/2 C753	WG-43	W36X245	SLOPING	590	95	14	12X7/8X2-0 1/2	6	5X1/2X1-6 1/2 C753





PART KEY PLAN SHOWING FIN PLATE ORIENTATION

NOTES

STEEL GRADES BEAMS A36, COLS A36, CONN MAT'L 44W
WELDING E70 SERIES ELECTRODES

BOLTS
FLG CONNECTIONS 1"A490F (OVS HLS) 14.9 KIPS
(1 1/16 HLS IN FLGS-1 3/16 HLS IN PLS) 2/WASH EACH BOLT
WEB CONNECTIONS 1"A490F (STD HLS) 17.3 KIPS

REV #	DESCRIPTION	DATE	MADE BY	X NO.
1	TO APPROV.	JUN5/85	GM	

SPEC	AS NOTED	FRANKEL STEEL LIMITED						
HOLES	AS NOTED	220 ATTWELL DRIVE, UNIT 1, REXDALE, ONTARIO M9W 5B2						
FINISH								
MADE WJF/MK	DATE 09APR85	SQUAD	PROJECT: 7 WORLD TRADE CENTER		CONTRACT	DWG. NO.	REV
CHK'D GM	DATE MAY 15/85	FR	DETAIL: WG-43 TO WG-58 25TH FL TO 28TH FL		84-152	9142	