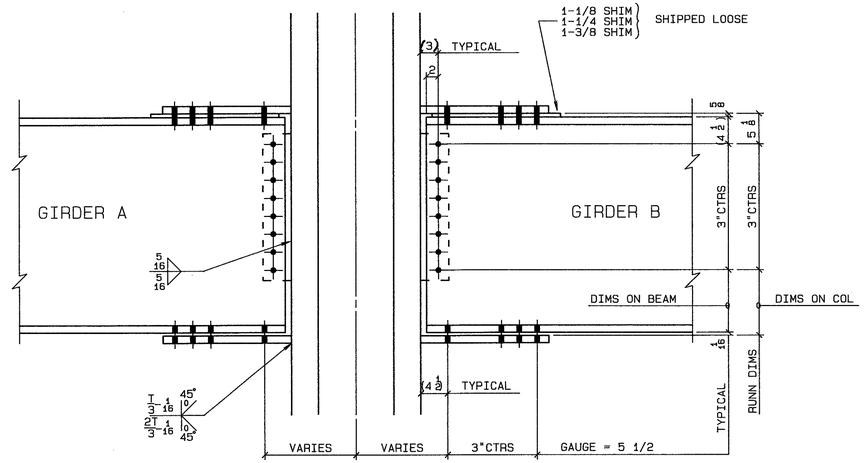
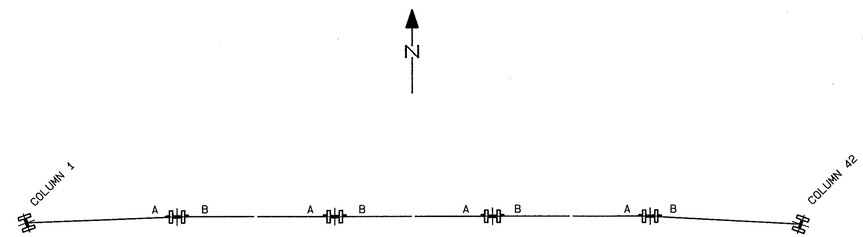
COL NO.	FLOOR	COL. SIZE	GIRDER A									GIRDER B								
			WG NO.	SIZE		MOM'K	SHEAR	FLG. BOLT	FLANGE PLATE	WEB BOLT	WEB PLATE	WG NO.	SIZE		MOM'K	SHEAR	FLG. BOLT	FLANGE PLATE	WEB BOLT	WEB PLATE
57	8 TO 10	W14X665	WG-58	W36X300	SLOPING	750	124	18	12X1 1/8X2-6 1/2 [redacted]	8	5X1/2X2-0 1/2 B753	WG-57	W36X300		600	115	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
56	8 TO 10	W14X665	WG-57	W36X300		600	115	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-56	W36X300		800	139	18	12X1 1/8X2-6 1/2 C752	8	5X1/2X2-0 1/2 B753
55	8 & 9	W14X605	WG-56	W36X300		800	139	18	12X1 1/8X2-6 1/2 C752	8	5X1/2X2-0 1/2 B753	WG-55	W36X300		630	116	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
55	10	W14X550 +2 WEB PLS 12 X 1	WG-56	W36X300		800	139	18	12X1 1/8X2-6 1/2 C752	8	5X1/2X2-0 1/2 B753	WG-55	W36X300		630	116	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
54	8 TO 10	W14X605	WG-55	W36X300		630	116	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-54	W36X300		610	118	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
53	8 TO 10	W14X605	WG-54	W36X300		610	118	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-53	W36X300		610	118	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
52	8 TO 10	W14X605	WG-53	W36X300		610	118	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-52	W36X300		620	118	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
51	8 TO 10	W14X605	WG-52	W36X300		620	118	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-51	W36X300		610	117	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
50	8 TO 10	W14X605	WG-51	W36X300		610	117	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-50	W36X300		610	117	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
49	8 TO 10	W14X605	WG-50	W36X300		610	117	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-49	W36X300		610	118	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
48	8 TO 10	W14X605	WG-49	W36X300		610	118	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-48	W36X300		600	116	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
47	8 TO 10	W14X605	WG-48	W36X300		600	116	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-47	W36X300		660	129	16	12X1X2-3 1/2 B752	8	5X1/2X2-0 1/2 B753
46	8 TO 10	W14X605	WG-47	W36X300		660	129	16	12X1X2-3 1/2 B752	8	5X1/2X2-0 1/2 B753	WG-46	W36X300		660	108	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753
45	8 & 9	W14X605	WG-46	W36X300		660	108	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753	WG-45	W36X300		650	107	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753
45	10	W14X550 +2 WEB PL 12 X 1	WG-46	W36X300		660	108	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753	WG-45	W36X300		650	107	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753
44	8 TO 10	W14X665	WG-45	W36X300		650	107	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753	WG-44	W36X300		660	105	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753
43	8 TO 10	W14X665	WG-44	W36X300		660	105	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753	WG-43	W36X300	SLOPING	570	93	14	12X7/8X2-0 1/2 [redacted]	6	5X1/2X1-6 1/2 C753
57	11TO 13	W14X665	WG-58	W36X300	SLOPING	880	136	20	12X1 1/4X2-9 1/2 [redacted]	8	5X1/2X2-0 1/2 B753	WG-57	W36X300		670	122	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753
56	11TO 13	W14X665	WG-57	W36X300		670	122	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753	WG-56	W36X300		860	144	20	12X1 1/4X2-9 1/2 D752	9	5X1/2X2-3 1/2 D753
55	11TO 13	W14X550 +2 WEB PLS 12 X 1	WG-56	W36X300		860	144	20	12X1 1/4X2-9 1/2 D752	9	5X1/2X2-3 1/2 D753	WG-55	W36X300		670	120	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753
54	11TO 13	W14X605	WG-55	W36X300		670	120	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753	WG-54	W36X300		650	122	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753
53	11TO 13	W14X605	WG-54	W36X300		650	122	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753	WG-53	W36X300		650	122	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753
52	11TO 13	W14X605	WG-53	W36X300		650	122	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753	WG-52	W36X300		650	122	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753
51	11TO 13	W14X605	WG-52	W36X300		650	122	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753	WG-51	W36X300		640	121	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
50	11TO 13	W14X605	WG-51	W36X300		640	121	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-50	W36X300		640	121	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
49	11TO 13	W14X605	WG-50	W36X300		640	121	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-49	W36X300		640	121	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
48	11TO 13	W14X605	WG-49	W36X300		640	121	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-48	W36X300		630	120	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
47	11TO 13	W14X605	WG-48	W36X300		630	120	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-47	W36X300		660	129	16	12X1X2-3 1/2 B752	8	5X1/2X2-0 1/2 B753
46	11TO 13	W14X605	WG-47	W36X300		660	129	16	12X1X2-3 1/2 B752	8	5X1/2X2-0 1/2 B753	WG-46	W36X300		680	109	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753
45	11TO 13	W14X550 +2 WEB PL 12 X 1	WG-46	W36X300		680	109	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753	WG-45	W36X300		670	108	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753
44	11TO 13	W14X665	WG-45	W36X300		670	108	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753	WG-44	W36X300		680	107	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753
43	11TO 13	W14X665	WG-44	W36X300		680	107	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753	WG-43	W36X300	SLOPING	640	99	14	12X7/8X2-0 1/2 [redacted]	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

July 8/85 E

REV #	DESCRIPTION	DATE	MADE BY	X NO.
1	GENERAL REVISION	4/4/85	M.X	

SPEC	AS NOTED						
HOLES	AS NOTED						
FINISH							
MADE WJF	DATE MAR/85	SQUAD	PROJECT: 7 WORLD TRADE CENTER		CONTRACT	DWG. NO.	REV
CHK'D GM	DATE APR 10/85	FR	DETAIL: WG-43 TO WG-58 8TH FL TO 13TH FL		84-15	9105	

FRANKEL STEEL LIMITED
220 ATTWELL DRIVE, UNIT 1, REXDALE, ONTARIO M9W 5B2