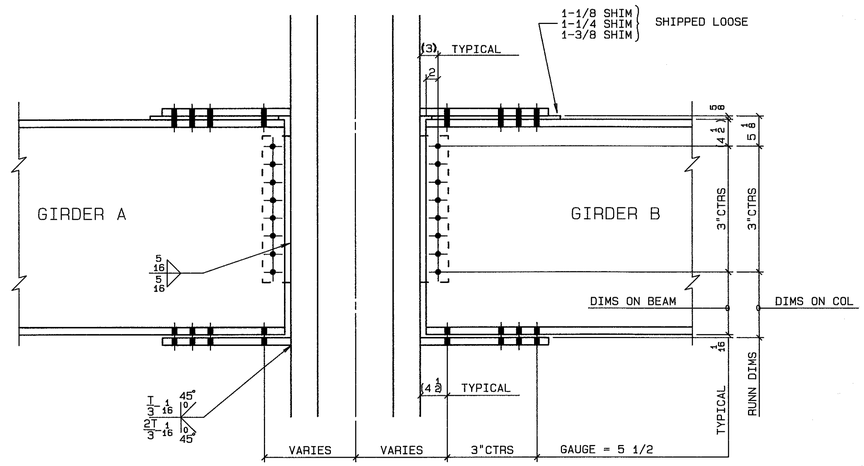
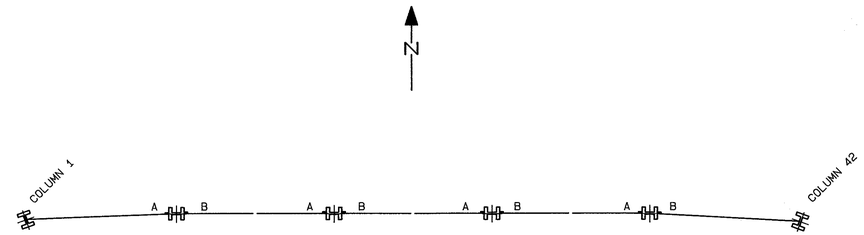
COL NO.	FLOOR	COL. SIZE	GIRDER A									GIRDER B								
			WG NO.	SIZE		MOM'K	SHEAR	FLG. BOLT	FLANGE PLATE	WEB BOLT	WEB PLATE	WG NO.	SIZE		MOM'K	SHEAR	FLG. BOLT	FLANGE PLATE	WEB BOLT	WEB PLATE
57	14 & 15	W14X605	WG-58	W36X300	SLOPING	880	136	20	12X1 1/4X2-9 1/2 [redacted]	8	5X1/2X2-0 1/2 B753	WG-57	W36X300		670	122	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753
56	14 & 15	W14X605	WG-57	W36X300		670	122	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753	WG-56	W36X300		870	145	20	12X1 1/4X2-9 1/2 D752	9	5X1/2X2-3 1/2 D753
55	14 & 15	W14X550	WG-56	W36X300		870	145	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	14 & 15	W14X550	WG-55	W36X300		670	120	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753	WG-54	W36X300		630	120	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
53	14 & 15	W14X550	WG-54	W36X300		630	120	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-53	W36X300		620	119	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
52	14 & 15	W14X550	WG-53	W36X300		620	119	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	14 & 15	W14X550	WG-52	W36X300		620	118	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-51	W36X300		620	118	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
50	14 & 15	W14X550	WG-51	W36X300		620	118	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-50	W36X300		620	118	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
49	14 & 15	W14X550	WG-50	W36X300		620	118	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-49	W36X300		620	119	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
48	14 & 15	W14X550	WG-49	W36X300		620	119	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-48	W36X300		610	118	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
47	14 & 15	W14X550	WG-48	W36X300		610	118	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-47	W36X300		630	126	14	12X7/8X2-0 1/2 H752	8	5X1/2X2-0 1/2 B753
46	14 & 15	W14X550	WG-47	W36X300		630	126	14	12X7/8X2-0 1/2 H752	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	14 & 15	W14X550	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	14 & 15	W14X605	WG-45	W36X300		670	108	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753	WG-44	W36X300		650	105	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753
43	14 & 15	W14X605	WG-44	W36X300		650	105	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753	WG-43	W36X300	SLOPING	700	103	16	12X1X2-3 1/2 [redacted]	6	5X1/2X1-6 1/2 C753
57	16 & 17	W14X605	WG-58	W36X280	SLOPING	870	135	20	12X1 1/4X2-9 1/2 [redacted]	8	5X1/2X2-0 1/2 B753	WG-57	W36X280		680	123	16	12X1X2-3 1/2 B752	8	5X1/2X2-0 1/2 B753
56	16 & 17	W14X605	WG-57	W36X280		680	123	16	12X1X2-3 1/2 B752	8	5X1/2X2-0 1/2 B753	WG-56	W36X280		860	144	20	12X1 1/4X2-9 1/2 D752	9	5X1/2X2-3 1/2 D753
55	16 & 17	W14X550	WG-56	W36X280		860	144	20	12X1 1/4X2-9 1/2 D752	9	5X1/2X2-3 1/2 D753	WG-55	W36X280		660	119	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753
54	16 & 17	W14X550	WG-55	W36X280		660	119	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753	WG-54	W36X280		620	119	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
53	16 & 17	W14X550	WG-54	W36X280		620	119	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-53	W36X280		610	117	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
52	16 & 17	W14X550	WG-53	W36X280		610	117	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-52	W36X280		610	117	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
51	16 & 17	W14X550	WG-52	W36X280		610	117	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-51	W36X280		610	117	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
50	16 & 17	W14X550	WG-51	W36X280		610	117	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-50	W36X280		610	117	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
49	16 & 17	W14X550	WG-50	W36X280		610	117	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-49	W36X280		610	117	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
48	16 & 17	W14X550	WG-49	W36X280		610	117	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-48	W36X280		600	116	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
47	16 & 17	W14X550	WG-48	W36X280		600	116	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-47	W36X280		610	124	14	12X7/8X2-0 1/2 H752	8	5X1/2X2-0 1/2 B753
46	16 & 17	W14X550	WG-47	W36X280		610	124	14	12X7/8X2-0 1/2 H752	8	5X1/2X2-0 1/2 B753	WG-46	W36X280		670	108	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753
45	16 & 17	W14X550	WG-46	W36X280		670	108	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753	WG-45	W36X280		660	108	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753
44	16 & 17	W14X605	WG-45	W36X280		660	108	16	12X1X2-3 1/2 B752	7	5X1/2X1-9 1/2 A753	WG-44	W36X280		630	103	14	12X7/8X2-0 1/2 H752	6	5X1/2X1-6 1/2 C753
43	16 & 17	W14X605	WG-44	W36X280		630	103	14	12X7/8X2-0 1/2 H752	6	5X1/2X1-6 1/2 C753	WG-43	W36X280	SLOPING	700	103	16	12X1X2-3 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 8/85E

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					
CHK'D GM	DATE APR 11/85	FR	DETAIL: WG-43 TO WG-58 14TH FL TO 17TH FL					

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

CONTRACT	DWG. NO.	REV
84-15	9109	