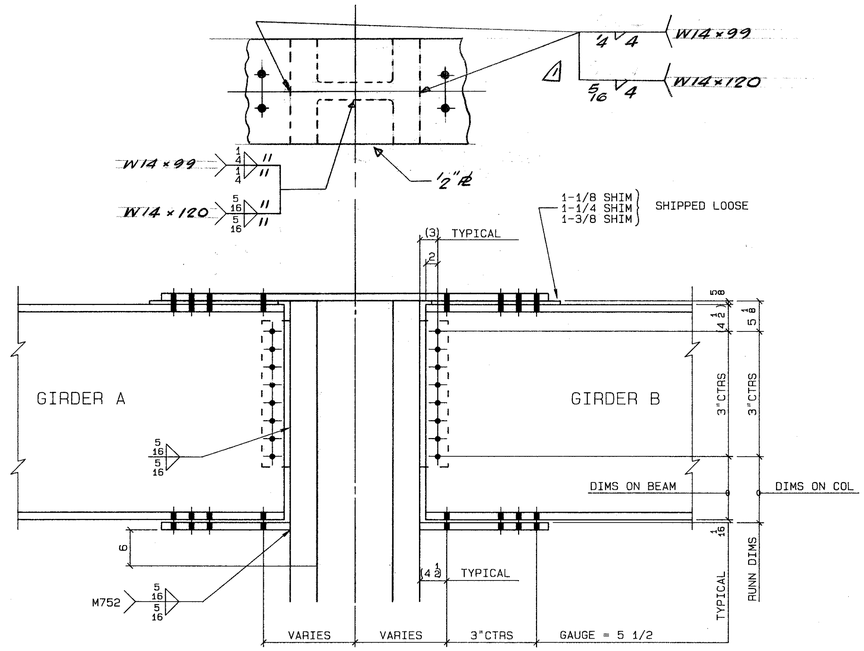
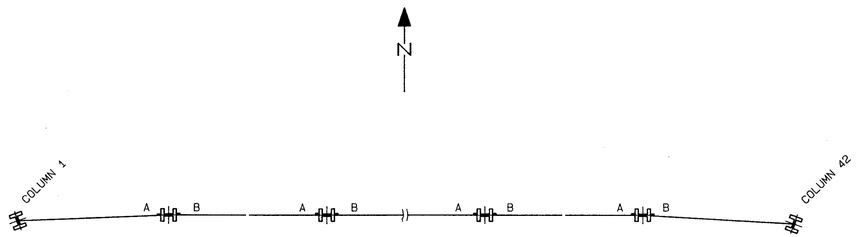
COL NO.	FLOOR	COL. SIZE	GIRDER A									GIRDER B										DOUBLER PLATE
			WG NO.	SIZE		MOM'K	SHEAR	FLG. BOLT	BOTT. FLANGE PLATE	WEB BOLT	WEB PLATE	WG NO.	SIZE		MOM'K	SHEAR	FLG. BOLT	BOTT. FLANGE PLATE	WEB BOLT	WEB PLATE		
57	ROOF	W14X99	WG-58	W36X135	SLOPING	110	61	6	12X1/2X1-0 1/2	6	5X1/2X1-6 1/2 C753	WG-57	W36X135		80	59	6	12X1/2X1-0 1/2 M752	6	5X1/2X1-6 1/2 C753		
56	ROOF	W14X99	WG-57	W36X135		80	59	6	12X1/2X1-0 1/2 M752	6	5X1/2X1-6 1/2 C753	WG-56	W36X135		230	90	6	12X1/2X1-0 1/2 M752	6	5X1/2X1-6 1/2 C753		
55	ROOF	W14X99	WG-56	W36X135		230	90	6	12X1/2X1-0 1/2 M752	6	5X1/2X1-6 1/2 C753	WG-55	W36X135		140	65	6	12X1/2X1-0 1/2 M752	6	5X1/2X1-6 1/2 C753		
54	ROOF	W14X120	WG-55	W36X135		140	65	6	12X1/2X1-0 1/2 M752	6	5X1/2X1-6 1/2 C753	WG-54	W36X135		240	77	6	12X1/2X1-0 1/2 M752	6	5X1/2X1-6 1/2 C753		
53	ROOF	W14X120	WG-54	W36X135		240	89	6	12X1/2X1-0 1/2 M752	6	5X1/2X1-6 1/2 C753	WG-53	W36X135		240	77	6	12X1/2X1-0 1/2 M752	6	5X1/2X1-6 1/2 C753		
52	ROOF	W14X120	WG-53	W36X135		240	77	6	12X1/2X1-0 1/2 M752	6	5X1/2X1-6 1/2 C753	WG-52	W36X135		240	97	6	12X1/2X1-0 1/2 M752	6	5X1/2X1-6 1/2 C753		
51	ROOF	W14X120	WG-52	W36X135		240	77	6	12X1/2X1-0 1/2 M752	6	5X1/2X1-6 1/2 C753	WG-51	W36X135		240	77	6	12X1/2X1-0 1/2 M752	6	5X1/2X1-6 1/2 C753		
50	ROOF	W14X120	WG-51	W36X135		240	77	6	12X1/2X1-0 1/2 M752	6	5X1/2X1-6 1/2 C753	WG-50	W36X135		240	77	6	12X1/2X1-0 1/2 M752	6	5X1/2X1-6 1/2 C753		
49	ROOF	W14X120	WG-50	W36X135		240	82	6	12X1/2X1-0 1/2 M752	6	5X1/2X1-6 1/2 C753	WG-49	W36X135		240	77	6	12X1/2X1-0 1/2 M752	6	5X1/2X1-6 1/2 C753		
48	ROOF	W14X120	WG-49	W36X135		240	102	6	12X1/2X1-0 1/2 M752	6	5X1/2X1-6 1/2 C753	WG-48	W36X135		240	77	6	12X1/2X1-0 1/2 M752	6	5X1/2X1-6 1/2 C753		
47	ROOF	W14X120	WG-48	W36X135		240	77	6	12X1/2X1-0 1/2 M752	6	5X1/2X1-6 1/2 C753	WG-47	W36X135		240	148	6	12X1/2X1-0 1/2 M752	9	5X1/2X2-3 1/2 D753		
46	ROOF	W14X99	WG-47	W36X135		240	85	6	12X1/2X1-0 1/2 M752	6	5X1/2X1-6 1/2 C753	WG-46	W36X135		210	68	6	12X1/2X1-0 1/2 M752	6	5X1/2X1-6 1/2 C753		
45	ROOF	W14X99	WG-46	W36X135		210	68	6	12X1/2X1-0 1/2 M752	6	5X1/2X1-6 1/2 C753	WG-45	W36X135		180	68	6	12X1/2X1-0 1/2 M752	6	5X1/2X1-6 1/2 C753		
44	ROOF	W14X99	WG-45	W36X135		180	68	6	12X1/2X1-0 1/2 M752	6	5X1/2X1-6 1/2 C753	WG-44	W36X135		120	60	6	12X1/2X1-0 1/2 M752	6	5X1/2X1-6 1/2 C753		
43	ROOF	W14X99	WG-44	W36X135		120	60	6	12X1/2X1-0 1/2 M752	6	5X1/2X1-6 1/2 C753	WG-43	W36X135	SLOPING	150	61	6	12X1/2X1-0 1/2	6	5X1/2X1-6 1/2 C753		





PART KEY PLAN SHOWING FIN PLATE ORIENTATION

NOTES

STEEL GRADES BEAMS A36, COLS A36 U/N, 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	WELD @ CAP ℄ REVD	DEC18	GM	

SPEC	AS NOTED	FRANKEL STEEL LIMITED					
HOLES	AS NOTED	220 ATTWELL DRIVE, UNIT 1, REXDALE, ONTARIO M9W 5B2					
FINISH							
MADE WJF	DATE MAY28/85	SQUAD	PROJECT: 7 WORLD TRADE CENTER		CONTRACT	DWG. NO.	REV
CHK'D GM	DATE OCT 8/85	FR	DETAIL: WG-43 TO WG-58 ROOF		84-153	9149	