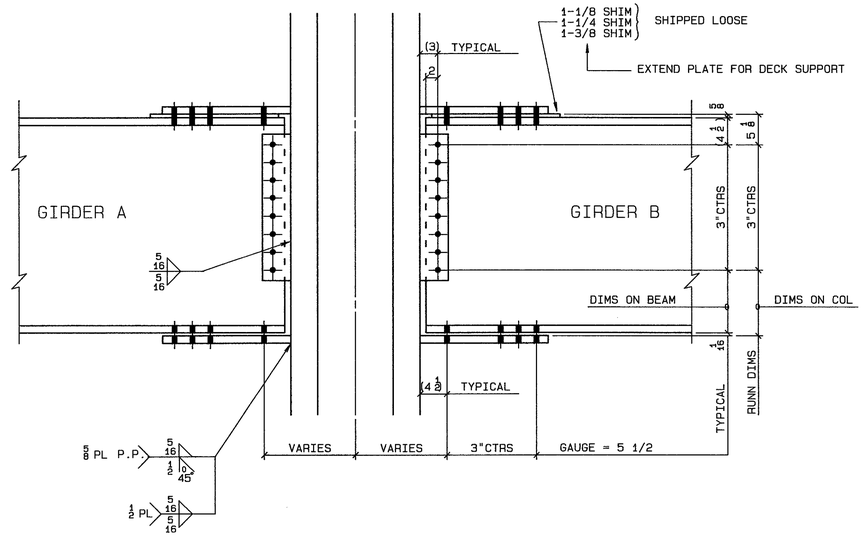
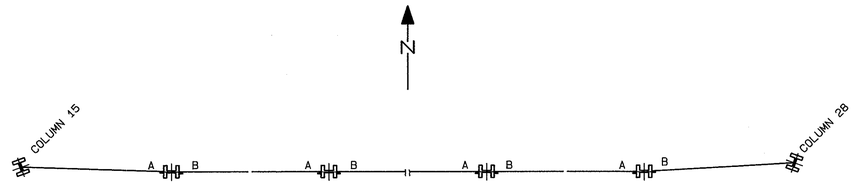
CONTRACT 84-152

CONTRACT 84-153

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
16	43	W14X193	WG-16	W30X99	SLOPING	250	79	8	10X5/8X1-3 1/2	5	5X1/2X1-3 1/2 G753	WG-17	W30X99		160	73	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753
17	43	W14X193	WG-17	W30X99		160	73	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753	WG-18	W30X99		170	69	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753
18	43	W14X211	WG-18	W30X99		170	69	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753	WG-19	W30X99		160	67	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753
19	43	W14X211	WG-19	W30X99		160	67	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753	WG-20	W30X99		160	67	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753
20	43	W14X233	WG-20	W30X99		160	67	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753	WG-21	W30X99		170	69	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753
21	43	W14X233	WG-21	W30X99		170	69	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753	WG-22	W30X99		160	67	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753
22	43	W14X233	WG-22	W30X99		160	67	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753	WG-23	W30X99		160	67	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753
23	43	W14X233	WG-23	W30X99		160	67	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753	WG-24	W30X99		160	67	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753
24	43	W14X211	WG-24	W30X99		160	67	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753	WG-25	W30X99		210	68	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753
25	43	W14X211	WG-25	W30X99		210	68	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753	WG-26	W30X99		170	68	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753
26	43	W14X193	WG-26	W30X99		170	68	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753	WG-27	W30X99		160	67	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753
27	43	W14X193	WG-27	W30X99		160	67	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753	WG-28	W30X99	SLOPING	220	69	6	10X1/2X1-0 1/2	5	5X1/2X1-3 1/2 G753
16	44 & 45	W14X159	WG-16	W30X99	SLOPING	250	79	8	10X5/8X1-3 1/2	5	5X1/2X1-3 1/2 G753	WG-17	W30X99		160	73	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753
17	44 & 45	W14X159	WG-17	W30X99		160	73	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753	WG-18	W30X99		170	69	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753
18	44 & 45	W14X176	WG-18	W30X99		170	69	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753	WG-19	W30X99		160	67	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753
19	44 & 45	W14X176	WG-19	W30X99		160	67	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753	WG-20	W30X99		160	67	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753
20	44 & 45	W14X211	WG-20	W30X99		160	67	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753	WG-21	W30X99		170	69	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753
21	44 & 45	W14X211	WG-21	W30X99		170	69	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753	WG-22	W30X99		160	67	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753
22	44 & 45	W14X211	WG-22	W30X99		160	67	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753	WG-23	W30X99		160	67	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753
23	44 & 45	W14X211	WG-23	W30X99		160	67	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753	WG-24	W30X99		160	67	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753
24	44 & 45	W14X176	WG-24	W30X99		160	67	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753	WG-25	W30X99		210	68	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753
25	44 & 45	W14X176	WG-25	W30X99		210	68	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753	WG-26	W30X99		170	68	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753
26	44 & 45	W14X159	WG-26	W30X99		170	68	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753	WG-27	W30X99		160	67	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753
27	44 & 45	W14X159	WG-27	W30X99		160	67	6	10X1/2X1-0 1/2 P752	5	5X1/2X1-3 1/2 G753	WG-28	W30X99	SLOPING	220	69	6	10X1/2X1-0 1/2	5	5X1/2X1-3 1/2 G753





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.

SPEC	AS NOTED						
HOLES	AS NOTED						
FINISH							
MADE WJF	DATE APR/85	SQUAD	PROJECT: 7 WORLD TRADE CENTER	CONTRACT	DWG. NO.	REV
CHK'D GM	DATE MAY 14/85	FR	DETAIL: WG-16 TO WG-28 43RD FL TO 45TH FL	84-152	9140	

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