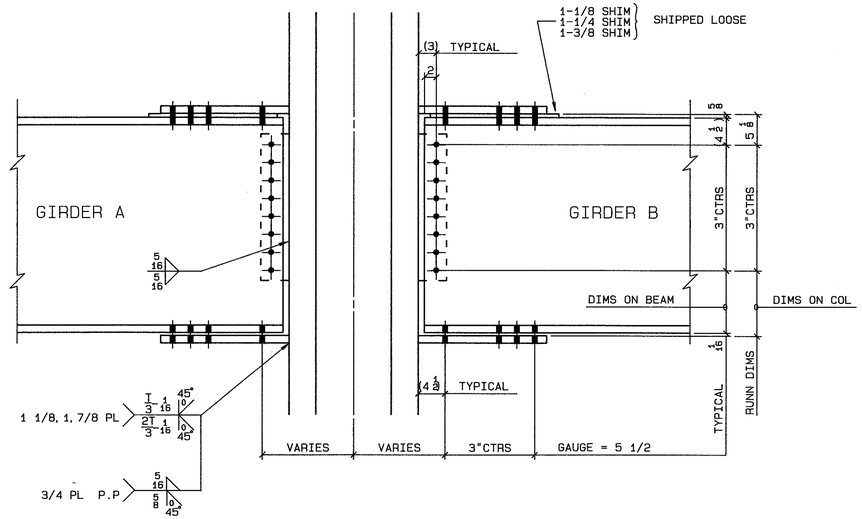
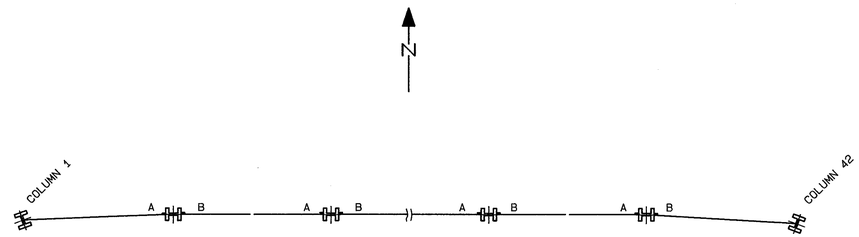
COL NO.	FLOOR	COL. SIZE	GIRDER A									GIRDER B								
			WG NO.	SIZE		MOM'K	SHEAR	FLG. BOLT	FLANGE PLATE	WEB BOLT	WEB PLATE	WG NO.	SIZE		MOM'K	SHEAR	FLG. BOLT	FLANGE PLATE	WEB BOLT	WEB PLATE
57	29	W14X500	WG-58	W36X230	SLOPING	660	115	16	12X1X2-3 1/2	7	5X1/2X1-9 1/2 A753	WG-57	W36X230		540	108	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
56	29	W14X500	WG-57	W36X230		540	108	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-56	W36X230		720	132	18	12X1 1/8X2-6 1/2 C752	8	5X1/2X2-0 1/2 B753
55	29	W14X500	WG-56	W36X230		720	132	18	12X1 1/8X2-6 1/2 C752	8	5X1/2X2-0 1/2 B753	WG-55	W36X230		540	107	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
54	29	W14X500	WG-55	W36X230		540	107	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-54	W36X230		490	104	12	12X3/4X1-9 1/2 A752	(B)7	5X1/2X1-(B) 1/2 (A) (B) 753 9
53	29	W14X500	WG-54	W36X230		490	104	12	12X3/4X1-9 1/2 A752	(B)7	5X1/2X1-(B) 1/2 (A) (B) 753 9	WG-53	W36X230		470	102	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
52	29	W14X500	WG-53	W36X230		470	102	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-52	W36X230		470	102	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
51	29	W14X500	WG-52	W36X230		470	102	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-51	W36X230		470	102	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
50	29	W14X500	WG-51	W36X230		470	102	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-50	W36X230		470	102	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
49	29	W14X500	WG-50	W36X230		470	102	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-49	W36X230		460	101	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
48	29	W14X500	WG-49	W36X230		460	101	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-48	W36X230		460	101	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
47	29	W14X500	WG-48	W36X230		460	101	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-47	W36X230		480	110	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753
46	29	W14X500	WG-47	W36X230		480	110	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753	WG-46	W36X230		540	97	14	12X7/8X2-0 1/2 H752	6	5X1/2X1-6 1/2 C753
45	29	W14X500	WG-46	W36X230		540	97	14	12X7/8X2-0 1/2 H752	6	5X1/2X1-6 1/2 C753	WG-45	W36X230		530	96	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
44	29	W14X500	WG-45	W36X230		530	96	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-44	W36X230		490	91	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
43	29	W14X500	WG-44	W36X230		490	91	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-43	W36X230	SLOPING	620	97	14	12X7/8X2-0 1/2	6	5X1/2X1-6 1/2 C753
57	30 & 31	W14X455	WG-58	W36X230	SLOPING	660	115	16	12X1X2-3 1/2	7	5X1/2X1-9 1/2 A753	WG-57	W36X230		540	108	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
56	30 & 31	W14X455	WG-57	W36X230		540	108	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-56	W36X230		720	132	18	12X1 1/8X2-6 1/2 C752	8	5X1/2X2-0 1/2 B753
55	30 & 31	W14X455	WG-56	W36X230		720	132	18	12X1 1/8X2-6 1/2 C752	8	5X1/2X2-0 1/2 B753	WG-55	W36X230		540	107	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753
54	30 & 31	W14X455	WG-55	W36X230		540	107	14	12X7/8X2-0 1/2 H752	7	5X1/2X1-9 1/2 A753	WG-54	W36X230		490	104	12	12X3/4X1-9 1/2 A752	(B)7	5X1/2X1-(B) 1/2 (A) (B) 753 9
53	30 & 31	W14X455	WG-54	W36X230		490	104	12	12X3/4X1-9 1/2 A752	(B)7	5X1/2X1-(B) 1/2 (A) (B) 753 9	WG-53	W36X230		470	102	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
52	30 & 31	W14X455	WG-53	W36X230		470	102	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-52	W36X230		470	102	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
51	30 & 31	W14X455	WG-52	W36X230		470	102	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-51	W36X230		470	102	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
50	30 & 31	W14X455	WG-51	W36X230		470	102	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-50	W36X230		470	102	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
49	30 & 31	W14X455	WG-50	W36X230		470	102	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-49	W36X230		460	101	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
48	30 & 31	W14X455	WG-49	W36X230		460	101	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-48	W36X230		460	101	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
47	30 & 31	W14X455	WG-48	W36X230		460	101	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-47	W36X230		480	110	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753
46	30 & 31	W14X455	WG-47	W36X230		480	110	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753	WG-46	W36X230		540	97	14	12X7/8X2-0 1/2 H752	6	5X1/2X1-6 1/2 C753
45	30 & 31	W14X455	WG-46	W36X230		540	97	14	12X7/8X2-0 1/2 H752	6	5X1/2X1-6 1/2 C753	WG-45	W36X230		530	96	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
44	30 & 31	W14X455	WG-45	W36X230		530	96	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-44	W36X230		490	91	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
43	30 & 31	W14X455	WG-44	W36X230		490	91	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-43	W36X230	SLOPING	620	97	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.
A	TO APPROV.	JUN15/85	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 13/85	FR	DETAIL: WG-43 TO WG-58 29TH FL TO 31ST FL		84-152	9143	