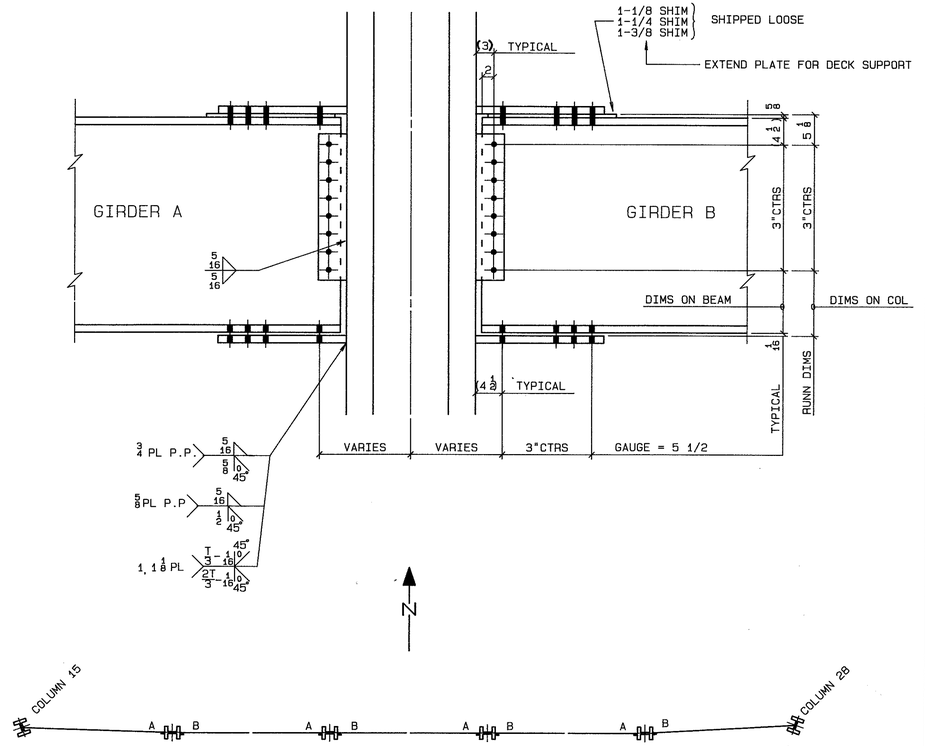
COL NO.	FLOOR	COL. SIZE	GIRDER A								GIRDER B							
			WG NO.	SIZE		MOM'K	SHEAR	FLG. BOLT	FLANGE PLATE	WEB BOLT	WEB PLATE	WG NO.	SIZE		MOM'K	SHEAR	FLG. BOLT	FLANGE PLATE	WEB BOLT	WEB PLATE
16	16 & 17	W14X665	WG-16	W36X210	SLOPING	760	137	18	12X1 1/8X2-6 1/2 [redacted]	8	5X1/2X2-0 1/2 B753	WG-17	W36X210		470	119	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753
17	16 & 17	W14X500	WG-17	W36X210		470	119	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753	WG-18	W36X210		470	102	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
18	16 & 17	W14X500	WG-18	W36X210		470	102	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-19	W36X210		440	98	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
19	16 & 17	W14X500	WG-19	W36X210		440	98	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-20	W36X210		440	98	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
20	16 & 17	W14X500	WG-20	W36X210		440	98	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-21	W36X210		440	98	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
21	16 & 17	W14X500	WG-21	W36X210		440	98	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-22	W36X210		440	98	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
22	16 & 17	W14X500	WG-22	W36X210		440	98	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-23	W36X210		430	97	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
23	16 & 17	W14X500	WG-23	W36X210		430	97	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-24	W36X210		410	95	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
24	16 & 17	W14X500	WG-24	W36X210		410	95	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-25	W36X210		510	94	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
25	16 & 17	W14X500	WG-25	W36X210		510	94	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-3 1/2 C753	WG-26	W36X210		480	100	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
26	16 & 17	W14X500	WG-26	W36X210		480	100	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-27	W36X210		510	103	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
27	16 & 17	W14X665	WG-27	W36X210		510	103	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-28	W36X210	SLOPING	660	108	16	12X1X2-3 1/2 [redacted]	7	5X1/2X1-9 1/2 A753
16	18 & 19	W14X665	WG-16	W36X210	SLOPING	760	137	18	12X1 1/8X2-6 1/2 [redacted]	8	5X1/2X2-0 1/2 B753	WG-17	W36X210		470	119	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753
17	18 & 19	W14X500	WG-17	W36X210		470	119	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753	WG-18	W36X210		460	100	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
18	18 & 19	W14X500	WG-18	W36X210		460	100	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-19	W36X210		430	97	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
19	18 & 19	W14X500	WG-19	W36X210		430	97	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-20	W36X210		430	97	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
20	18 & 19	W14X500	WG-20	W36X210		430	97	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-21	W36X210		420	96	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
21	18 & 19	W14X500	WG-21	W36X210		420	96	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-22	W36X210		420	96	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
22	18 & 19	W14X500	WG-22	W36X210		420	96	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-23	W36X210		420	96	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
23	18 & 19	W14X500	WG-23	W36X210		420	96	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-24	W36X210		400	96	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
24	18 & 19	W14X500	WG-24	W36X210		400	94	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-25	W36X210		500	94	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
25	18 & 19	W14X500	WG-25	W36X210		500	93	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-26	W36X210		460	98	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
26	18 & 19	W14X500	WG-26	W36X210		460	98	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-27	W36X210		510	103	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
27	18 & 19	W14X665	WG-27	W36X210		510	103	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-28	W36X210	SLOPING	680	110	16	12X1X2-3 1/2 [redacted]	7	5X1/2X1-9 1/2 A753



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.
2				
1	GENERAL REVISION	3/4/85	M.X	

SPEC	AS NOTED	FRANKEL STEEL LIMITED					
HOLES	AS NOTED	220 ATTWELL DRIVE, UNIT 1, REXDALE, ONTARIO M9W 5B2					
FINISH							
MADE WJF	DATE MAR/85	SQUAD	PROJECT: 7 WORLD TRADE CENTER		CONTRACT	DWG. NO.	REV
CHK'D GM	DATE APR 8/85	FR	DETAIL: WG-16 TO WG-28 16TH FL TO 19TH FL		84-15	9104	