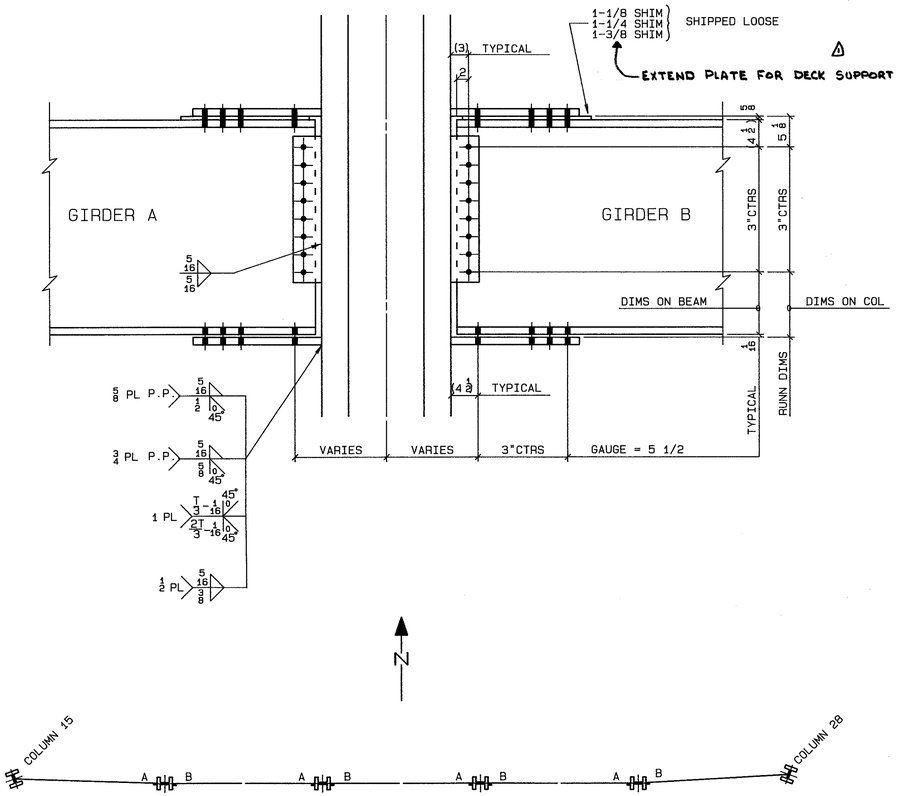
COL NO.	FLOOR	COL. SIZE	GIRDER A									GIRDER B								
			WG NO.	SIZE		MOM'K	SHEAR	FLG. BOLT	FLANGE PLATE	WEB BOLT	WEB PLATE	WG NO.	SIZE		MOM'K	SHEAR	FLG. BOLT	FLANGE PLATE	WEB BOLT	WEB PLATE
16	20 & 21	W14X665	WG-16	W36X210	SLOPING	730	134	16	12X1X2-3 1/2 [redacted]	8	5X1/2X2-0 1/2 B753	WG-17	W36X210	SLOPING	460	117	12	12X3/4X1-9 1/2 A752	7	5X1/2X1-9 1/2 A753
17	20 & 21	W14X455	WG-17	W36X210		460	117	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	20 & 21	W14X455	WG-18	W36X210		460	100	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-19	W36X210		420	96	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
19	20 & 21	W14X455	WG-19	W36X210		420	96	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-20	W36X210		420	96	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
20	20 & 21	W14X455	WG-20	W36X210		420	96	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-21	W36X210		410	95	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
21	20 & 21	W14X455	WG-21	W36X210		410	95	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-22	W36X210		410	95	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
22	20 & 21	W14X455	WG-22	W36X210		410	95	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-23	W36X210		400	94	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
23	20 & 21	W14X455	WG-23	W36X210		400	94	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-24	W36X210		390	93	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
24	20 & 21	W14X455	WG-24	W36X210		390	93	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-25	W36X210		500	93	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
25	20 & 21	W14X455	WG-25	W36X210		500	93	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-26	W36X210		450	97	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
26	20 & 21	W14X455	WG-26	W36X210		450	97	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-27	W36X210		500	102	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
27	20 & 21	W14X665	WG-27	W36X210		500	102	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-28	W36X210	SLOPING	700	112	16	12X1X2-3 1/2 [redacted]	7	5X1/2X1-9 1/2 A753
16	25	W14X605	WG-16	W36X194	SLOPING	660	126	16	12X1X2-3 1/2 [redacted]	8	5X1/2X2-0 1/2 B753	WG-17	W36X194		450	115	10	12X5/8X1-6 1/2 G752	7	5X1/2X1-9 1/2 A753
17	25	W14X455	WG-17	W36X194		450	115	10	12X5/8X1-6 1/2 G752	7	5X1/2X1-9 1/2 A753	WG-18	W36X194		420	96	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
18	25	W14X426	WG-18	W36X194		420	96	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-19	W36X194		380	91	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
19	25	W14X426	WG-19	W36X194		380	91	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-20	W36X194		370	90	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
20	25	W14X426	WG-20	W36X194		370	90	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-21	W36X194		370	90	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
21	25	W14X426	WG-21	W36X194		370	90	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-22	W36X194		370	90	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
22	25	W14X426	WG-22	W36X194		370	90	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-23	W36X194		360	89	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
23	25	W14X426	WG-23	W36X194		360	89	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-24	W36X194		360	89	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
24	25	W14X426	WG-24	W36X194		360	89	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-25	W36X194		470	91	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
25	25	W14X426	WG-25	W36X194		470	91	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-26	W36X194		420	93	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
26	25	W14X455	WG-26	W36X194		420	93	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-27	W36X194		480	100	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
27	25	W14X605	WG-27	W36X194		480	100	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-28	W36X194	SLOPING	650	107	16	12X1X2-3 1/2 [redacted]	7	5X1/2X1-9 1/2 A753
16	26 - 28	W14X605	WG-16	W36X194	SLOPING	680	128	16	12X1X2-3 1/2 [redacted]	8	5X1/2X2-0 1/2 B753	WG-17	W36X194		450	115	10	12X5/8X1-6 1/2 G752	7	5X1/2X1-9 1/2 A753
17	26 - 28	W14X455	WG-17	W36X194		450	115	10	12X5/8X1-6 1/2 G752	7	5X1/2X1-9 1/2 A753	WG-18	W36X194		430	97	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
18	26 - 28	W14X426	WG-18	W36X194		430	97	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-19	W36X194		380	91	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
19	26 - 28	W14X426	WG-19	W36X194		380	91	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-20	W36X194		380	91	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
20	26 - 28	W14X426	WG-20	W36X194		380	91	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-21	W36X194		370	90	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
21	26 - 28	W14X426	WG-21	W36X194		370	90	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-22	W36X194		370	90	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
22	26 - 28	W14X426	WG-22	W36X194		370	90	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-23	W36X194		360	89	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753
23	26 - 28	W14X426	WG-23	W36X194		360	89	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753	WG-24	W36X194		360	89	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753
24	26 - 28	W14X426	WG-24	W36X194		360	89	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753	WG-25	W36X194		470	91	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
25	26 - 28	W14X426	WG-25	W36X194		470	91	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-26	W36X194		430	95	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
26	26 - 28	W14X455	WG-26	W36X194		430	95	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-27	W36X194		480	100	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
27	26 - 28	W14X605	WG-27	W36X194		480	100	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-28	W36X194	SLOPING	670	109	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.
1	DECK SUPPORT NOTE	MAY 2	WJF	

SPEC	AS NOTED	FRANKEL STEEL LIMITED							
HOLES	AS NOTED	220 ATTWELL DRIVE, UNIT 1, REXDALE, ONTARIO M9W 5B2							
FINISH									
MADE	WJF	DATE APR/85	SQUAD	PROJECT: 7 WORLD TRADE CENTER		CONTRACT	DWG. NO.	REV
CHK'D	GM	DATE APR 11/85	FR	DETAIL: WG-16 TO WG-28 20TH, 21ST & 25TH TO 28TH		84-15	9136	