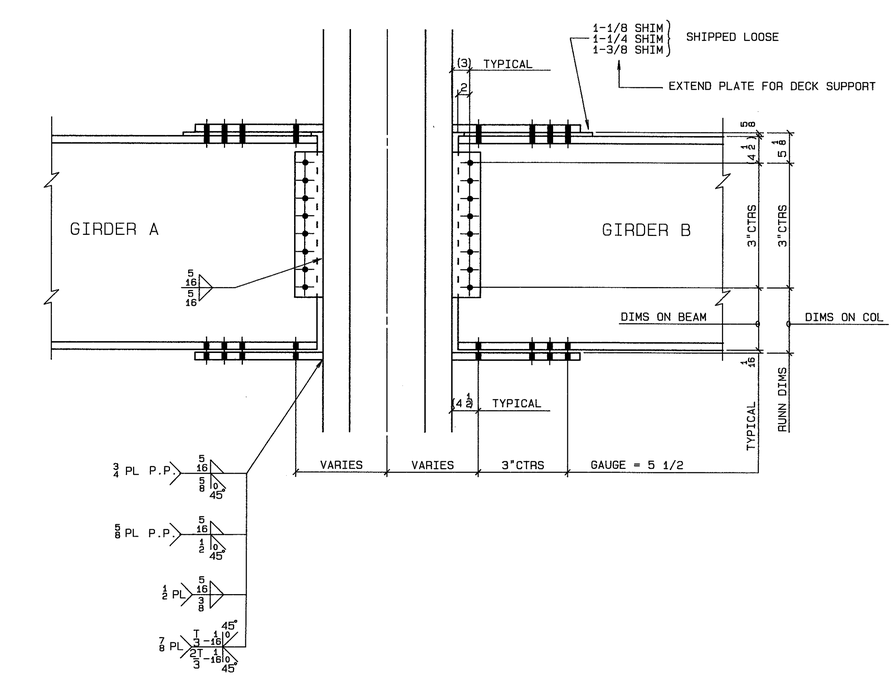
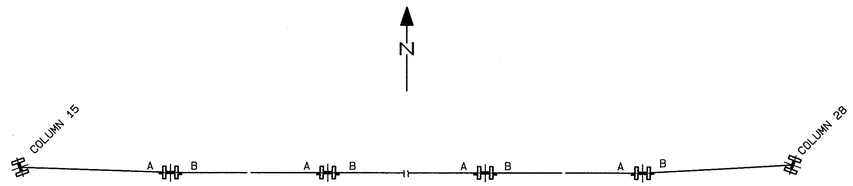
COL NO.	FLOOR	COL. SIZE	GIRDER A									GIRDER B								
			WG NO.	SIZE		MOM'K	SHEAR	FLG. BOLT	FLANGE PLATE	WEB BOLT	WEB PLATE	WG NO.	SIZE		MOM'K	SHEAR	FLG. BOLT	FLANGE PLATE	WEB BOLT	WEB PLATE
16	34	W14X455	WG-16	W36X170	SLOPING	580	116	14	12X7/8X2-0 1/2	7	5X1/2X1-9 1/2 A753	WG-17	W36X170		360	102	8	12X1/2X1-3 1/2 K752	7	5X1/2X1-8 1/2 A753
17	34	W14X398	WG-17	W36X170		360	102	8	12X1/2X1-3 1/2 K752	7	5X1/2X1-8 1/2 A753	WG-18	W36X170		390	93	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
18	34	W14X398	WG-18	W36X170		390	93	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-19	W36X170		350	88	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753
19	34	W14X370	WG-19	W36X170		350	88	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753	WG-20	W36X170		330	86	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753
20	34	W14X370	WG-20	W36X170		330	86	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753	WG-21	W36X170		330	86	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753
21	34	W14X370	WG-21	W36X170		330	86	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753	WG-22	W36X170		320	85	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753
22	34	W14X370	WG-22	W36X170		320	85	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753	WG-23	W36X170		320	85	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753
23	34	W14X370	WG-23	W36X170		320	85	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753	WG-24	W36X170		320	85	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753
24	34	W14X370	WG-24	W36X170		320	85	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753	WG-25	W36X170		430	87	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
25	34	W14X398	WG-25	W36X170		430	87	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-26	W36X170		390	90	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
26	34	W14X398	WG-26	W36X170		390	90	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-27	W36X170		400	91	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
27	34	W14X455	WG-27	W36X170		400	91	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-28	W36X170	SLOPING	570	100	14	12X7/8X2-0 1/2	7	5X1/2X1-8 1/2 A753
16	35	W14X455	WG-16	W36X170	SLOPING	530	111	12	12X3/4X1-9 1/2	7	5X1/2X1-9 1/2 A753	WG-17	W36X170		330	98	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753
17	35	W14X398	WG-17	W36X170		330	98	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753	WG-18	W36X170		370	90	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
18	35	W14X398	WG-18	W36X170		370	90	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-19	W36X170		320	85	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753
19	35	W14X370	WG-19	W36X170		320	85	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753	WG-20	W36X170		310	84	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753
20	35	W14X370	WG-20	W36X170		310	84	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753	WG-21	W36X170		300	83	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753
21	35	W14X370	WG-21	W36X170		300	83	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753	WG-22	W36X170		300	83	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753
22	35	W14X370	WG-22	W36X170		300	83	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753	WG-23	W36X170		310	84	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753
23	35	W14X370	WG-23	W36X170		310	84	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753	WG-24	W36X170		300	83	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753
24	35	W14X370	WG-24	W36X170		300	83	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753	WG-25	W36X170		410	85	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
25	35	W14X398	WG-25	W36X170		410	85	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-26	W36X170		360	87	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753
26	35	W14X398	WG-26	W36X170		360	87	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753	WG-27	W36X170		370	88	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
27	35	W14X455	WG-27	W36X170		370	88	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-28	W36X170	SLOPING	430	88	10	12X5/8X1-6 1/2	6	5X1/2X1-6 1/2 C753
16	36 & 37	W14X398	WG-16	W36X170	SLOPING	530	111	12	12X3/4X1-9 1/2	7	5X1/2X1-9 1/2 A753	WG-17	W36X170		330	98	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753
17	36 & 37	W14X370	WG-17	W36X170		330	98	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753	WG-18	W36X170		370	90	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
18	36 & 37	W14X370	WG-18	W36X170		370	90	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-19	W36X170		320	85	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753
19	36 & 37	W14X342	WG-19	W36X170		320	85	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753	WG-20	W36X170		310	84	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753
20	36 & 37	W14X342	WG-20	W36X170		310	84	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753	WG-21	W36X170		300	83	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753
21	36 & 37	W14X342	WG-21	W36X170		300	83	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753	WG-22	W36X170		300	83	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753
22	36 & 37	W14X342	WG-22	W36X170		300	83	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753	WG-23	W36X170		310	84	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753
23	36 & 37	W14X342	WG-23	W36X170		310	84	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753	WG-24	W36X170		300	83	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753
24	36 & 37	W14X342	WG-24	W36X170		300	83	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753	WG-25	W36X170		410	85	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
25	36 & 37	W14X370	WG-25	W36X170		410	85	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-26	W36X170		360	87	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753
26	36 & 37	W14X370	WG-26	W36X170		360	87	8	12X1/2X1-3 1/2 K752	6	5X1/2X1-6 1/2 C753	WG-27	W36X170		370	88	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
27	36 & 37	W14X398	WG-27	W36X170		370	88	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-28	W36X170	SLOPING	430	88	10	12X5/8X1-6 1/2	6	5X1/2X1-6 1/2 C753

ZONE 3





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.	MAY23	GM	

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 MAY 14/85	FR	DETAIL: WG-16 TO WG-28 34TH FL TO 37TH FL		84-152	9138	