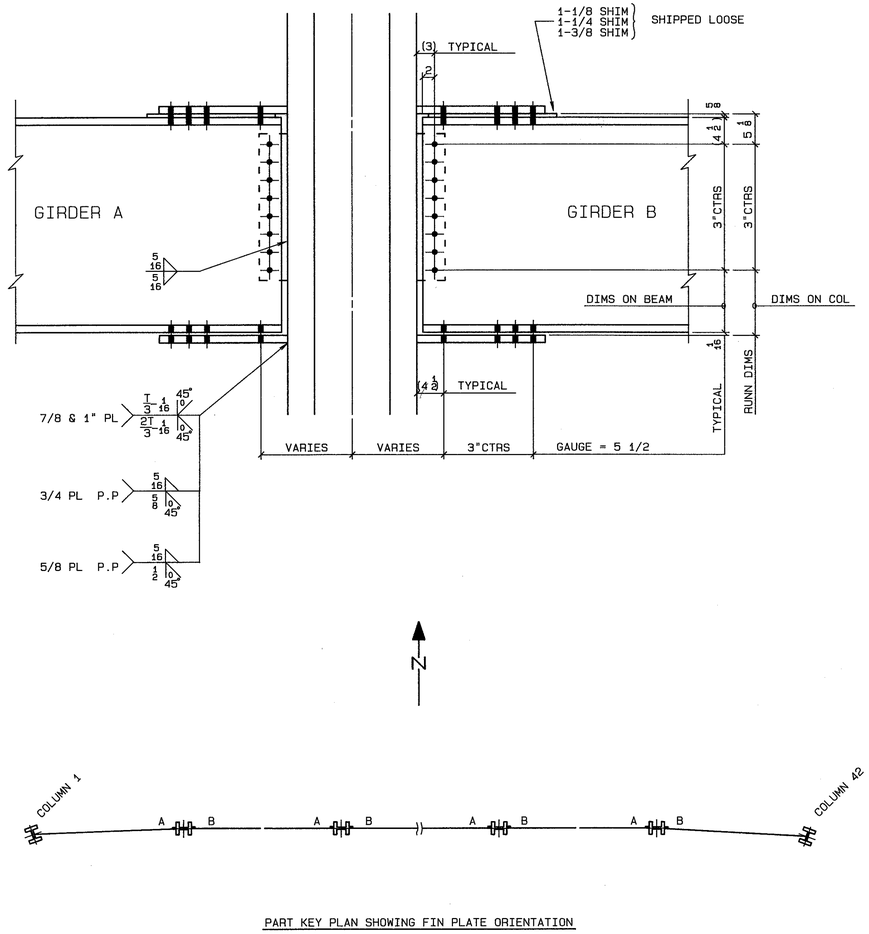
COL NO.	FLOOR	COL. SIZE	GIRDER A									GIRDER B								
			WG NO.	SIZE		MOM'K	SHEAR	FLG. BOLT	FLANGE PLATE	WEB BOLT	WEB PLATE	WG NO.	SIZE		MOM'K	SHEAR	FLG. BOLT	FLANGE PLATE	WEB BOLT	WEB PLATE
57	32 & 33	W14X426	WG-58	W36X230	SLOPING	590	108	14	12X7/8X2-0 1/2	7	5X1/2X1-9 1/2 A753	WG-57	W36X230		490	103	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
56	32 & 33	W14X426	WG-57	W36X230		490	103	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-56	W36X230		670	127	16	12X1X2-3 1/2 B752	8	5X1/2X2-0 1/2 B753
55	32 & 33	W14X426	WG-56	W36X230		670	127	16	12X1X2-3 1/2 B752	8	5X1/2X2-0 1/2 B753	WG-55	W36X230		490	101	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
54	32 & 33	W14X426	WG-55	W36X230		490	101	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-54	W36X230		450	100	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
53	32 & 33	W14X426	WG-54	W36X230		450	100	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-53	W36X230		440	99	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
52	32 & 33	W14X426	WG-53	W36X230		440	99	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-52	W36X230		430	97	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
51	32 & 33	W14X426	WG-52	W36X230		430	97	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-51	W36X230		430	97	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
50	32 & 33	W14X426	WG-51	W36X230		430	97	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-50	W36X230		430	97	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
49	32 & 33	W14X426	WG-50	W36X230		430	97	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-49	W36X230		430	98	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
48	32 & 33	W14X426	WG-49	W36X230		430	98	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-48	W36X230		420	96	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
47	32 & 33	W14X426	WG-48	W36X230		420	96	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-47	W36X230		440	106	10	12X5/8X1-6 1/2 G752	7	5X1/2X1-9 1/2 A753
46	32 & 33	W14X426	WG-47	W36X230		440	106	10	12X5/8X1-6 1/2 G752	7	5X1/2X1-9 1/2 A753	WG-46	W36X230		500	94	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
45	32 & 33	W14X426	WG-46	W36X230		500	94	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-45	W36X230		490	93	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
44	32 & 33	W14X426	WG-45	W36X230		490	93	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-44	W36X230		460	89	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
43	32 & 33	W14X426	WG-44	W36X230		460	89	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-43	W36X230	SLOPING	570	93	14	12X7/8X2-0 1/2	6	5X1/2X1-6 1/2 C753
57	34	W14X370	WG-58	W36X230	SLOPING	590	108	14	12X7/8X2-0 1/2	7	5X1/2X1-9 1/2 A753	WG-57	W36X230		490	103	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
56	34	W14X370	WG-57	W36X230		490	103	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-56	W36X230		670	127	16	12X1X2-3 1/2 B752	8	5X1/2X2-0 1/2 B753
55	34	W14X370	WG-56	W36X230		670	127	16	12X1X2-3 1/2 B752	8	5X1/2X2-0 1/2 B753	WG-55	W36X230		490	101	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
54	34	W14X370	WG-55	W36X230		490	101	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-54	W36X230		450	100	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
53	34	W14X398	WG-54	W36X230		450	100	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-53	W36X230		440	99	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
52	34	W14X398	WG-53	W36X230		440	99	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-52	W36X230		430	97	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
51	34	W14X398	WG-52	W36X230		430	97	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-51	W36X230		430	97	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
50	34	W14X398	WG-51	W36X230		430	97	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-50	W36X230		430	97	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
49	34	W14X398	WG-50	W36X230		430	97	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-49	W36X230		430	98	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
48	34	W14X398	WG-49	W36X230		430	98	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-48	W36X230		420	96	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753
47	34	W14X398	WG-48	W36X230		420	96	10	12X5/8X1-6 1/2 G752	6	5X1/2X1-6 1/2 C753	WG-47	W36X230		440	106	10	12X5/8X1-6 1/2 G752	7	5X1/2X1-9 1/2 A753
46	34	W14X370	WG-47	W36X230		440	106	10	12X5/8X1-6 1/2 G752	7	5X1/2X1-9 1/2 A753	WG-46	W36X230		500	94	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
45	34	W14X370	WG-46	W36X230		500	94	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-45	W36X230		490	93	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
44	34	W14X370	WG-45	W36X230		490	93	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-44	W36X230		460	89	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753
43	34	W14X370	WG-44	W36X230		460	89	12	12X3/4X1-9 1/2 A752	6	5X1/2X1-6 1/2 C753	WG-43	W36X230	SLOPING	570	93	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.

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 15/85	FR	DETAIL: WG-43 TO WG-58 32ND FL TO 34TH FL	84-152	9144	