78 — 81

31'-0 3/4

31'-0 1/4 O/O ON ℄

8'-10 | 4'-10 | 4'-0 | 8'-10 | 4'-6 3/4

8'-0 3/4 | 8'-0 3/4 | 9'-8 | 5'-3 1/4

1/4 | 1/2 R.D | 7'-10 4 | 8'-9 3/8 1/8 | 13'-7 3/8 1/8 | 15'-10 3/4 4 | 17'-7 3/8 1/8 | 25'-6 3/4 4 | 26'-5 3/8 1/8 | 1/4

WEST

6@3=1'-6 4 1/2

3@3=9 4 1/2

1-PL 4 3/4 x 3/8 x 1'-8 pdl (N.S.)

1-L 3 1/2 x 3 x 5/16 x 5 1/2 ac (F.S.)

1-L 6x4x3/4 x 6 LLV ab (F.S.)

5@3=1'-3 4 1/2

1-L ac (F.S.)

1-L ab (F.S.)

4@3=1'-0 4 1/2

1-L ac (N.S.)

1-L ac (F.S.)

1-L ab (F.S.)

5@3=1'-3 4 1/2

2-L 5 3x3x5/16x1'-8 1/2 - 70od (GOSL=1'-4 4c/c)

8'-7 3/4 3 — 8-7/8ϕx2 1/4 — 2-7/8ϕx2 — 2-7/8ϕx2 1/2

13'-5 3/4 3 — 2-7/8ϕx2 — 2-7/8ϕx2 1/2

12-7/8ϕx2 1/4

17'-5 3/4 3 — 2-7/8ϕx2 — 2-7/8ϕx2 1/2

26'-3 3/4 3 — 10-7/8ϕx2 1/4 — 2-7/8ϕx2 — 2-7/8ϕx2 1/2

1-L 4x3x3/8x1'-6 - ha (N/S) } (BENT)
1-L 4x3x3/8x1'-6 - hb (F/S) }

1-L 5x3x(var.)x1'-2 -0 (N.S.)

1-L ac (N.S.)

1-L ac (F.S.)

1-L ab (F.S.)

1-PL 4 3/4 x 3/8 x 1'-8 pdl (N.S.)

1-L ac (F.S.)

1-L ab (F.S.)

5@3=1'-3 4 1/2

3 3 3 3/4

5/16

1/16 ϕHL3 1ϕA490F

SECTION B-B

2 1/2 | 2 3/8 | 3 1/2 | 1/4 | 1/2 RET. @TOP | 6 4 3 (4 1/2) | 1'-1 3/4 | ac | ab | 1/4 | 1/2 RET. @TOP

A4397 ONE ~W 33 1/8 x 11 1/2 x 9/16 @ 130 x 30'-11 (A572 GR.50) (P178/6) (DIV. 4701)

28'-0

27'-11 1/2 O/O

1/4 | (F/S) (N/S) | 2'-7 1/2 | 9'-6 | 9'-2 | 9'-2 | 9'-4 | 7'-0 1/2 | 1/4

7 1/2 CUT TO 10 WIDE (ON ℄ T.&B.)

1/2 R.D. | 2'-4 3/4 4 | 9'-3 1/4 4 | 11'-6 3/4 4 | 18'-7 3/8 1/8 | 20'-8 3/4 4 | 7 1/2 CUT TO 10 WIDE (ON ℄ T.&B.)

1/16 ϕHLS 1ϕA490F

12-7/8ϕx2 1/4 | 6-7/8ϕx2 1/4 | 8-7/8ϕx2 1/4 | 12-7/8ϕx2 1/4

1-L-ac (F/S)

1-L-ab (F/S)

5@3=1'-3 6 | 5@3=1'-3 4 1/2 | 3 3 3 3/4 | 5@3=1'-3 4 1/2 | 6@3=1'-6 4 1/2

3 | 5/16 | 1/2 | 1/4

(WEST)

2-L 5 4x3x1/2x1'-6 - aa (GOSL=2 3/16 - 5 c/c)

2-L 5 - 700d (45 c/c)

18'-5 3/4 3 — 2-7/8ϕx2 — 2-7/8ϕx2 1/2

B4397 ONE ~ W 35 7/8 x 12 x 5/8 @ 150 x 27'-10 1/2 (A36) (DIV. 4702) (P178/5)

SECTION C-C

2 1/2 | 2 3/16 | 3 1/2 | 1/4 | 1/2 RET. @TOP | 6 4 3 (4 1/2) | 1'-1 3/4 | ac | ab | 6 | 1/4 | 1/2 RET. @TOP

VIEW A-A

12 | 2 5/8 | hb | 1/16 ϕHLS | 2 3/4 ON L | 2 1/2 | 2 1/8 | 3/4 | 6 | ha ON L | 8 1/2 x 4 3/4 CUT T. & B. FLG.

FIELD BOLTS	(A325 F)
10 - H.T. BOLTS	7/8ϕ x 2
10 - H.T. BOLTS	7/8ϕ x 2 1/2
68 - H.T. BOLTS	7/8ϕ x 2 1/4

MATERIAL G40.21-44W U/N
E70 SERIES ELECTRODES
REF. DWGS: E46, 9181, 9185, 901

D-Dec 11/85

REVISED		OPEN HOLES	15 1/16ϕ U/N	BEAMS (46TH FLR.)	FRANKEL STEEL LIMITED
DATE ____	BY ____	PAINT	NONE	7 WORLD TRADE CENTER	220 ATTWELL DRIVE, UNIT 1, REXDALE, ONTARIO M9W 5B2
DATE ____	BY ____	ERECTED BY		TISHMAN CONSTRUCTION (CUSTOMER)	SQUAD F.R
DATE ____	BY ____	FIELD PAINT		EMERY ROTH & SONS P.C. (ARCHITECT)	MADE BY ISF DATE OCT 22/85 CHKD. BY D.Z. DATE DEC 9/85
DATE ____	BY ____	INSPECTION		IRWIN G. CANTOR P.C. (ENGINEER)	CONT. No. 84-153 SHEET 4397