52'-11 3/16

3'-6 11/16 | 2'-6 1/16 | 2'-7 5/8 | 2'-7 5/8 | 2'-7 5/8 | 2'-7 5/8 | 2'-7 9/16 | 2'-7 5/8 | 2'-6 1/16 | 5'-9 5/16 | 2'-6 1/16 | 2'-7 5/8 | 2'-7 9/16 | 2'-7 5/8 | 2'-7 5/8 | 2'-7 5/8 | 2'-7 5/8 | 2'-6 1/16 | 1'-11 9/16

52'-3 5/16 O/O ON ℄

7 9/16 | 5/8 R.D. | 23'-8 9/16 | 29'-5 7/8 | 5/16

hb | ha | 3'-3 1/16 GA | 3'-2 1/2 × 2 3/4 CUT | 1" | 12

C | B | D | D

12 | 12

1-PL-pg (N/S) 4-7/8 ϕ × 2

CUT 3 1/2 × 2 1/2 | 1-L 8 × 4 × 1/2 × 9'-1/2 - aa (GOSL = 2'-5 5/8) | 5/16 | 3 | 3 | 6 | 1"

CUT 2 1/4 × 2 1/2 | CUT 1'-1 × 4 | 12

aa

9 | 6 @ 3 = 1'-6 | 5/16 | (SOUTH)

2 5/8 | 1'-3 3/8 | 5 @ 3 = 1'-1 3/8

A | A

1 1/16 ϕ (1 ϕ A490F) | 1 1/16 ϕ HLS (1 ϕ A490F)

pf (N/S) | pf (N/S) | pf (N/S) | pf (N/S) | pf (N/S) | pf (N/S)

1-PL-pd (N/S) 6-7/8 ϕ × 2 1/2 | 1-PL-pd (N/S) 6-7/8 ϕ × 2 1/2 | 1-PL-pd (N/S) 6-7/8 ϕ × 2 1/2 | 1-PL-pd (N/S) 6-7/8 ϕ × 2 1/2

14-PL-pf (N/S) 56-7/8 ϕ × 2 1/2

1-L 4 × 4 × 3/8 × 1'-9 1/2 - ha (N/S) 1-L 5 × 3 1/2 × 3/8 × 1'-9 1/2 - hb (F/S) } (BENT)

1-L 4 × 4 × 1/2 × 1'-6 1/2 - hc (N/S) 1-L 4 × 4 × 1/2 × 1'-6 1/2 - hd (F/S) } (BENT)

3/8

C | B | B | C

CAMBER = 3/4 ± 1/4 ON ℄

2'-11 1/4 | 5'-5 5/16 | 8'-0 15/16 | 10'-8 9/16 | 13'-4 3/16 | 15'-11 13/16 | 18'-7 3/8 | 21'-3 | 23'-9 1/16 | 29'-6 3/8 | 32'-0 7/16 | 34'-8 1/16 | 37'-3 5/8 | 39'-11 1/4 | 42'-6 7/8 | 45'-2 1/2 | 47'-10 1/8 | 50'-4 3/16

CUT 5 × 7 1/2

hd | 2 9/16 GA | 3 | 3 | 6

2 | 3 | 3 | 2 1/2 | 3 | 3 | 2 1/2

12 | 3/4 | pf | 3/4 | pd | pd | pd | pd | 3/4 | 1" | hc | GA = 2 9/16

12 | 12 | TYPICAL SLOPE FOR ALL PLs | 12 | CUT 3 × 7 1/2 | 12

SECTION A-A

FIELD BOLTS
4-7/8 ϕ A325 × 2
80- L × 2 1/2

A4455 | ONE - W 36 1/2 × 16 5/8 × 7/8 @ 280 × 52'-2 | (DIV. 4718) | (P222/15) | (A36)

MAT'L G40.21-44W U/N
E70 SERIES ELECTRODES
REF. DWG. E47

PL 7 3/4 × 1/2 × 2'-9 3/8 - pd (CUT TO FIT) | CLIP 1 1/4 × 1 1/4 @ 45° (TYP.) | 5/16 | 5 | 5 | 4 | 2 1/2 | 1 9/16

SECTION B-B

PL 7 3/4 × 1/2 × 9 - pf | 5/16 | 5 | 4 | 2 1/16 | 1 9/16

SECTION C-C

7 1/2 | 3 | 1 9/16 | 7 7/16 | 5 7/8 | 5/16 | 3 | (2'-10 7/8) | 12 | 12 | 7 | 7/16 | 7 7/16

PL 7 1/2 × 3/8 × 8 3/4 - pg

SECTION D-D (DEVELOPED)

Feb 10/86

REVISED			
DATE ____ BY ____	OPEN HOLES	15/16 ϕ U/N	BEAM (HOUSE TANK SUPPORT)
DATE ____ BY ____	PAINT	NONE	7 WORLD TRADE CENTER
DATE ____ BY ____	ERECTED BY		TISHMAN CONSTRUCTION — CUSTOMER
DATE ____ BY ____	FIELD PAINT		EMERY ROTH & SONS P.C. — ARCHITECT
DATE ____ BY ____	INSPECTION		IRWIN G. CANTOR P.C. — ENGINEER

FRANKEL STEEL LIMITED
220 ATTWELL DRIVE UNIT 1 REXDALE, ONTARIO M9W 5B2

SQUAD FR
MADE BY SF DATE DEC. 21/85 CHKD. BY D.Z. DATE JAN 31/86
CONT. No. 84-153 SHEET 4455