DIM'S SHOWN IN BRACKETS ARE BASED ON ACCURATE COL SIZES.
SHOP SCRIBE VISIBLE C/L ON BOTH FLGS & B/S WEB TOP & BOTT.

SHOP NOTES

MATERIAL G40·21 44W 4/N
E70 SERIES ELECTRODES
REF DWGS E48 E118 E118A
CW14 9132 9129

FIELD BOLTS	
72	1ϕ A325 WSHRS
10	1ϕ A490 × 2¾
32	1ϕ A490 × 3
24	1ϕ A490 × 3¼
6	1ϕ A490 × 3½

PL14×½×1'-11 ph
CUT TO FIT
6-1ϕ×3½

1-W29⅝×10½×'2ω 99 (A36) ×5'-5 13/16 mq
CUT B742 P171/21
2-PL⅝ B786: 4-1ϕ A490×3: 4-1ϕ A325 WSHRS
BACK BOLTED: WRENCH TIGHT

PL9×½×1'-11½ B786

PL5½×½×1'-0½ pc 4175

HOLES IN B786

HOLES IN mq

(4'-8 5/16)

1-L3×3×⅜×1'-2aa 4175

ph F/S

1-PL pc 4175 N/S

pg F/S

1-PL hb

1-Lab

(5'-3 13/16)

5'-10 13/16

1-Wmb

1-Lab ha: pa & pb

SLOT ⅞ × 2

1-PL fa 4151

SOUTH

1'-2

MILL

2-PL⅝ 8½×½×1'-3½ B787
HOLES: 2-1ϕ A490×3¼
2-1ϕ A325 WSHRS BACK BOLTED WRENCH TIGHT

20-1ϕ×3 FLG
8-1ϕ×3¼ WEB

10-1ϕ×2¾

(4) 3 3

1'-2¼

A4082

+0 -1/16

PL⅝ B786 & B787 OUT

EL 921'-4 (ROOF)

EL 920'-7½

EL 906'-6 (FIN 47TH FLOOR)

(14'-10 REF)

11'-4

3'-6

3'-4½

4'-2⅜

7'-3

6'-0⅜

1'-10

1'-2⅜

W23⅜×7⅞

1" Rad

1-PL ph

1-PL 13¾×¾×2'-0 9/16 pg

HOLES: P 3 SIDES
6-1ϕ×3

SLOT ⅞ ×

TYP

PL12½×⅜×1'-0½ fa 4151

1⅛ 1½
⅛ 1½

HOLES

16-1ϕ×3¼
BOTH FLGS

10'-9½ MIE

ONE W14×14½×7/16 @ 90 (A36) × P180/9

A4180 DIV 4801

FOR 1ϕ A490

CUT TOP & BOTTOM 3

45°

PP

PC 4175

BOTH FLGS

TOP & BOTTOM FLG

CUT P 3/4 @ 45°

PH F/S

PG F/S

PC 4175

PH

PG

1'-0

1'-6⅞

mq

PC 4175

18

SECT A-A

1'-8

1'-1 3/16

6 3/16

PL8×½×1'-4¼ hb (BENT)

1'-1⅜

L6×4×5/16×9¾ ab

SECT N C-C

W250×73 300IV
W10×10×5/16 @ 49×2'-1⅜ mb
BEV CUT 1 END

2'-7¾

2'-0 9/16

7 3/16

NOTCH 1× TOP FLG

G½

BOTH FLGS

1" Rad

BRACKET
1-PL 9¼×½×2'-3¼ ha BENT
1-PL 6½×⅜×1'-0¼ pa
2-PL⅝ 6½×⅜×6¾ pb

SECT N B-B

Feb 26/86 R
Jan 16/86

REVISED		OPEN HOLES 1/16 % IN	ROOF COLUMN	ZONE 4
DATE ____	BY ____	PAINT NONE	7 WORLD TRADE CENTER	
DATE ____	BY ____	ERECTED BY ____	TISHMAN CONSTRUCTION	CUSTOMER
DATE ____	BY ____	FIELD PAINT ____	EMERY ROTH & SONS PC	ARCHITECT
DATE FEB 26/86	BY GM	INSPECTION ____	IRWIN & CANTOR PC	ENGINEER

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

SQUAD FR
MADE BY JIM DATE 17/12 CHKD. BY GM DATE JAN 3/86
CONT. No. 84-153 SHEET 4180