FIN 21ST FLOOR EL 567'-6 | 11'-3 | FIN 22ND FLOOR EL 582'-3 | 26'-0 | FIN 23RD FLOOR EL 597'-0

14'-9 | 14'-9 | 3'-6

3'-6 MILL

1- W36'8 × 16½ × 1⅜ ω 245 (A36) × 4'-0 11/16 mb (P.I.E.)

1/16 ϕ HOLES ω 5'-2 Ga. IN TOP & BOTTOM FLANGES

P135/4 CUT WITH mb 1811

2-PL 9 × 1 × 3'-0½ pa 1801 4-1ϕ A490 × 4

4-1ϕ A325 WSHRS: WRENCH TIGHT

SHOP NOTE: SHIP pa 1801 — pb 1801 & pc 1801 BACK BOLTED

14-1ϕ A490 × 3½

44-1ϕ A490 × 4

NOTE!

1/16 ϕ HOLES

7ω3'-1'-9 7½

10'-9½

1801 paω 5½ c/c

5ω3'-1'-3

5

2

4'-8½

A768

BOTH FLGS 5/16

2'-7 11/16

2-PL 9 8½ × ½ × 2'-0½ pb 1801

2-1ϕ A490 × 3½

2-1ϕ A325 WSHRS

WRENCH TIGHT

1/16 ϕ HOLES

'NORTH'

SPLICE 5-11

W19 5/8 × 500

A1470

3'-3

9 13/16

1'-7 5/8

1'-1¼

3½

aa

4

A768

BOTH FLGS 5/16

24

A1B789

TOP & BOTT FLG 1 1/4 @ 45°

10-1ϕ × 5¼

40-1ϕ × 6½

1-W36 × 245 (A36) × 4'-0 11/16 mb (P.I.E.)

P135/4 CUT WITH ma 1812

1-W36¾ × 12⅛ × 1⅜ ω 210 (A36) × 4'-0 11/16 mc (P.I.E.)

1/16 ϕ HOLES ω 5½ Ga. IN TOP & BOTTOM FLANGES

P136/4 CUT WITH md 1811

2-PL 9 × ⅞ × 2'-8½ pc 1801 4-1ϕ A490 × 4

(1'-6 3/4) 1'-6 5½ MILL

3'-1 7/16

25'-6½ 1'-7 7/16

(1'-6 11/16)

7ω3'-1'-9 7½

1801 pcω 5½ c/c

pb 1801

4ω3'-1'-0

5

2

4'-8½

1-PL 16 × ¾ × 2'-3 pbon℄

8-1ϕ A490 × 3¾

2'-10 11/16

1'-3⅜

TOP & BOTT FLG 1 1/4 @ 45°

1-PL 16 × ¾ × 2'-3¾ pa on ℄

8-1ϕ A490 × 3¾

pa : pb

12

8

2-PL 5 10 × 5/8 × 1'-2 A764

1/16 ϕ HOLES 2-1ϕ A490 × 5¼

2-1ϕ A325 WSHRS

WRENCH TIGHT

1-H763

2'-0 15/16

3'-3

1'-3⅜

A768

aa

A1B789

1-PL pa on ℄

8-1ϕ A490 × 3¾

NOTES

MATERIAL G40.21 44W U/N

E70 SERIES ELECTRODES

REF DWGS E122/23 E117, E118, E118A, 9154, CW3, CW4 E122, 9167, 9168, 9155.

DIM'S SHOWN IN BRACKETS ARE BASED ON ACCURATE COL SIZES.

SHOP SCRIBE VISIBLE C/L ON BOTH FLGS & B/S WEB TOP & BOTT.

FIELD BOLTS

8- 1¼ϕ A325 × 2½

28- 1ϕ A490 × 3½

32- × 3¾

80- × 4

10- × 5¼

40- × 6½

190- 1ϕ A325 WASH.

SPLICE 5-11 W18 5/8 × 426

1-W36 × 245 (A36) × 4'-0 11/16 mb (P.I.E.)

P135/4 CUT WITH ma 1812

1-W36 × 210 (A36) × 4'-0 11/16 md (P.I.E.)

P136/4 CUT WITH mc 1812

6'-10

5'-8⅛ 1'-1⅞

3

2 × ¾ SLOTS

1-LG × 4 × 5/16 × 2'-6 - A768

1-A789: 2-B789

4'-2⅞

11'-0⅞

10'-9½ 5½ EL582'-3

⅞

1-A768

3/16

1-L3 × 3 × ⅜ × 8 aa

A

B

5/16 3

5/16 3

1/16 ϕ HOLES

3 6 3

1-A769 2-⅞ϕ × 2½

8

10'-9⅞

⅜

1-D765 2-⅞ϕ × 2½

9'-7¾

W13 3/4 × 22

5½

EL582'-3

BOTH FLGS 5/16

3½ 4 @ 3'-1'-0

8½ 5½ 5½ 8½

8 8

1" Rad.

PL 18¼ × ½ × 2'-4 BENT A789

PL 5 6½ × ⅜ × 11¼ B789

3/8

½

6¼

1½

2¼

BOTH FLGS 5/16

15/16 ϕ HOLES

L8 × 6 × ¾ × 1'-0½ - A769

12

4½

SECTN A-A

21'-5⅛

4'-5¾

1⅛

9⅞

25'-10⅞ EL597'-0

25'-6½ 5½

26'-9⅞

1-A768

1-A789: 2-B789

1-Laa

PL 15½ × 1¼ × 3'-10½ - H763

24 ϕ HOLE

A768

1'-1¼ 1'-1¼

aa

5/16

3 3 3 3

7/16

4¾

1-A769 2-⅞ϕ × 2½

25'-6⅜

1-D765 2-⅞ϕ × 2½

NO WELD 4

3½

24'-4¾

W13 3/4 × 22

5½

EL597'-0

2'-8½

4 @ 3'-1'-0

1⅛ 6¼

SLOTS 15/16 × 1⅛

2⅝ 5

4½

12

PL 6½ × ⅜ × 1'-0½ D765

SECTN B-B

MASTER DWG

2 4III 5III

4 5III

6 GIIOR 5AIII

8 GIIOR 5AIII

10 5AIII 5III

12 5AIII 5III

A1806 ONE W19 5/8 × 17 × 2 3/16 @ 500 (A36) × 29'-6 MILL 2 ENDS P19/10

4 DIV. 2317

FOR 1ϕ A490

X39 WELD FOR mc & md ⚠

July 25/85 R

July 22/85

REVISED			
DATE	BY		
DATE	BY		
DATE	BY		
DATE	BY		
DATE July 25	BY JM		

OPEN HOLES 13/16 U/N

PAINT NONE

ERECTED BY

FIELD PAINT

INSPECTION

12 TH TIER COLUMN 4

7 WORLD TRADE CENTER

TISHMAN CONSTRUCTION CUSTOMER

EMERY ROTH & SONS PC ARCHITECT

IRWIN G CANTOR PC ENGINEER

FRANKEL STEEL LIMITED

220 ATTWELL DRIVE UNIT 1 REXDALE, ONTARIO M9W 5B2

SQUAD FR EC MADE BY JIM DATE JULY 85 CHKD. BY OW DATE JUL 18

CONT. No. 84-152 SHEET T806