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- W36⁷⁄₈ × 16½ × 1⅛ ω 245 (A36) × 4'-0 11⁄16 ma (P.I.E.)

1⅛ϕ HOLES ω 5½ Ga. IN TOP & BOTTOM FLANGES

P135/4 CUT WITH mb 1814

2-PL ⁵⁄₈ × 1 × 3'-2½ 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!

1⅛ϕ HOLES

10'-9½ | 7@3=1'-9 | 7½

pa 1801 ω 5½ c/c

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

4'-8½

A768

2-PL ⁵⁄₈ × 8½ × ½ × 2'-0½ pb 1801

2-1ϕ A490 × 3½

2-1ϕ A325 WSHRS WRENCH TIGHT

BOTH FLGS ⁵⁄₁₆

(2'-7 11⁄16)

23

1⅛ϕ HOLES

'NORTH'

3 3 | 9 13⁄16 | 1'-7 ⅝ | 3½ | 1-1¼ | 1-1¼

aa | 4 | A768

BOTH FLGS ⁵⁄₁₆

24 ⁵⁄₁₆

A1789

TOP & BOTT FLG 1⅛ϕ 45°

(2'-7 11⁄16)

5@3=1'-3 | 2

5½ Ga. | 5½ Ga.

1⅛ϕ HOLES

10'-9½ | 7@3=1'-9 | 7½

10-1ϕ × 5¼

32-1ϕ × 6½

SPLICE 5A-11

W19⅝ × 500

A1399

1-W36⅞ × 16½ × 1⅛ ω 245 (A36) × 4'-0 11⁄16 mb (P.I.E.)

P135/4 CUT WITH mc 1821

MASTER DWG.

~~2 4III 5/11~~

~~4 5/11~~

~~6 GI10A 5A11~~

~~8 GI10A 5A11~~

~~10 5A11 5/11~~

~~12 5A11 5/11~~

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

1⅛ϕ HOLES ω 5½ Ga. IN TOP & BOTTOM FLANGES

P136/4 CUT WITH md 1814

2-PL ⁵⁄₈ × ⅞ × 2'-8½ pc 1801 4-1ϕ A490 × 4

4-1ϕ A325 WSHRS WRENCH TIGHT

14-1ϕ A490 × 3½

36-1ϕ A490 × 4

2-PL ⁵⁄₈ pb 1801

2-1ϕ A490 × 3½

2-1ϕ A325 WSHRS WRENCH TIGHT

NOTE!

(1'-6¾) | 1'-6 | 5½

3'-1 7⁄16 | 25'-6½ | 1'-7 7⁄16

(1'-6 11⁄16) | 7@3=1'-9 | 7½

pb 1801

pc 1801 ω 5½ c/c

4@3=1'-0 | 5 | 2

TOP & BOTT FLG 1⅛ϕ 45°

NOT LESS

1⅛ϕ HOLES

4'-8½

1-PL 16 × ¾ × 2'-3 pb ℄

8-1ϕ A490 × 3¾

(2'-10 11⁄16)

2'-0 15⁄16

(1'-3⅜)

1-PL 16 × ¾ × 2'-3¾ pa ON ℄

8-1ϕ A490 × 3¾

pa : pb

12 | 8

8 | 8 | 9

3 | 3 | 3 | 3 | 3 NOT LESS

3'-0 | 3'-0 | (4 1⁄16)

1'-2⅜

1" RATHOLE (TYP)

3 CONT

8'-0 11⁄16

1'-2⅝

2-PL ⁵⁄₈ × 5⅛ × 1'-2 - A764

1⅛ϕ HOLES 2-1ϕ A490 × 5¼

2-1ϕ A325 WSHRS WRENCH TIGHT

1-PL H763

A768 | aa | 4 | A768

A1B789

3.3

1-PL H763

3 CONT 25'-6½

1-PL pb ON ℄

8-1ϕ A490 × 3¾

7@3=1'-9 | 7½

1-PL pa ON ℄

8-1ϕ A490 × 3¾

12 | 8

TOP & BOTT FLG 1⅛ϕ 45°

5½ Ga. | 5½ Ga.

1⅛ϕ HOLES

3'-1 7⁄16 | 3'-1 7⁄16

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

P135/4 CUT WITH mc 1821

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

P136/4 CUT WITH mc 1821

FIELD BOLTS

8 - ⅞ϕ A325 × 2½

28 - 1ϕ A490 × 3½

32 - × 3¾

80 - × 4

10 - × 5¼

32 - × 6½

182 - 1ϕ A325 WASH

NOTES

MATERIAL G40·21 44W C/N

E70 SERIES ELECTRODES

REF DWGS E22/23 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.

6'-10 | 5'-8⅛ | 1'-1⅞ | 4'-0⅞ | 3 | 2 × ⅞ SLOTS

1-LG × 4 × ⁵⁄₁₆ × 2'-6 - A768

1-A789 : 2-B789

11'-0⅞

1-A768

1-L3 × 3 × ⅜ × 8 aa

A | B

3 | 3

5⁄16 | 5⁄16

1⅛ϕ HOLES

3 6 3

1-A769 2-⅞ϕ × 2½

8 | 10'-9⅞

1-D765 2-⅞ϕ × 2½

9'-1 3⁄4 | W13³⁄₄ × 22 | 5½ | EL582'-3

BOTH FLGS | 3½ | 3@3'-9

8½ | 5½ | 5½ | 8½

8 | 8

PL 18¾ × ½ × 2'-4 BENT A789

PL ⁵⁄₈ G½ × ⅜ × 11¼ B789

1" Rad.

⅜ | ½ | G4 | 5½ | ½

7⁄16 | ½ | G4 | 1⅛ | G4

BOTH FLGS ⁵⁄₁₆

15⁄16 ϕ HOLES

L8 × 6 × ¾ × 1'-0½ - A769

44 | 12

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 × ¼ × 3'-10½ H763

2 L4 ϕ DRILLED HOLE

A768 | 1'-1¼ | 1'-1¼ | aa

1-A768

3 3 3 3 | 7⁄16 | 4 4

5⁄16 | ⅜ G

1-A769 2-⅞ϕ × 2½

25'-6⅜

1-D765 2-⅞ϕ × 2½

NO WELD

1⅛ϕ HL one ℄

4

24'-4 3⁄4 | W13³⁄₄ × 22 | 5½ | EL597'-0

1'-3 | 26'-9½

2'-8½

4@3=1'-0

3½

1-PL 12½ × 1¾ × 1'-4 pd 1810 (CLIP CORNERS 2×1)

4⅛ | 12

5⁄16 | 1½ | 1⅛ | G4 | 5 | 2⅛

SLOTS 11⁄16 × 1⅛

PL G½ × ⅜ × 1'-0½ D765

44 | 12

SECTN B-B

10 A1809 DIV. 2317

ONE ~ W19⅝ × 17 × 2 3⁄16 @ 500 (W14 × 500)

(A36) × 29'-6 MILL 2 ENDS P19/10

FOR 1ϕ A490

aug 31/85 R

July 24/85

② PL pd 1810 ADDED

REVISED			
DATE 16/7/23	BY HS/RE	OPEN HOLES	9/8 ϕ U/16 IN
DATE AUG 31	BY FR	PAINT	NONE
DATE	BY	ERECTED BY	
DATE	BY	FIELD PAINT	
DATE	BY	INSPECTION	

12 TH TIER COLUMN ⟨10⟩

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 MADE BY JIM EC DATE JULY 85 CHKD. BY OW DATE JUL 19

CONT. No. 84-152 SHEET 1809

SPLICE 5-11 W19 × 455