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

14'-9 | 11'-3 | 14'-9 | 26'-0

3'-6 MILL | 1'-6 | 5½ | 2'-11 | 1'-5 | 10'-9½ | 5½ | 3'-6 MILL

1- W36'8×16½×1⅜ ω 245 (A36) × 4'- 0⅜ ma PIE
1⅛ϕ HOLES @ 5½ Gα IN TOP & BOTTOM FLANGES
P135/4 CUT WITH mb 1815:1817
2-PL⁹/₁₆×1×3'-2½ pa¹⁸⁰¹ 4-1ϕA490×4
4-1ϕA325 WSHRS: WRENCH TIGHT
SHOP NOTE: SHIP pa¹⁸⁰¹ – pb¹⁸⁰¹ & pc¹⁸⁰¹ BACK BOLTED
14-1ϕA490×3½
44-1ϕA490×4

NOTE

1⅛ϕ HOLES

7 @ 3'-1 = 7½

pa¹⁸⁰¹ @ 5½ c/c

1-PL16×¾×2'-0½ pa ON ℄
6-1ϕA490×3¼

5 @ 3'-1'-3

5

2

3'-0

3⅜

NOT LESS

8

12

8

9

1'-28

1" RAT HOLE

2-PL⁹/₁₆×8½×½×2'-0½ pb¹⁸⁰¹
2-1ϕA490×3½
2-1ϕA325 WSHRS
WRENCH TIGHT

1'-93⅜

4'-8½

A768

2'-7⅜

BOTH FLGS 5/16

SOUTH

1⅛ϕ HOLES

23

10⅜

1'-8¼

1'-1¼

6

5/16

G-1ϕA490×54
28 L G4

BOTH FLGS 5/16

5/16 CONT

A/B790

10'-9½

7 @ 3'-1'-9 = 7½

A768

1-PL⁵/₈ ϕ ANC
6-1ϕA490×3¼

12

1'-11⅜

1'-11¼

1'-1¼

4

aa

1'-1¼

1'-11¼

1⅛ϕ HOLES

1-PL⁵/₈×8½×½×2'-0½ pb¹⁸⁰¹
2-1ϕA490×3½
2-1ϕA325 WSHRS
WRENCH TIGHT

1-W36½×12⅛×¾ ω 194 (A36) × 4'- 0⅜ mc PIE
1⅛ϕ HOLES @ 5½ Gα IN TOP & BOTTOM FLANGES
P136/14 CUT WITH md 1815:1817
2-PL⁹/₁₆×⅞×2'-8½ pc¹⁸⁰¹ 4-1ϕA490×3¾
4-1ϕA325 WSHRS WRENCH TIGHT
14-1ϕA490×3½
36-1ϕA490×3¾
2-PL⁹/₁₆ pb¹⁸⁰¹
2-1ϕA490×3½
2-1ϕA325 WSHRS
WRENCH TIGHT

NOTE

25'-6½

7 @ 3'-1'-9 = 7½

pb¹⁸⁰¹

pc¹⁸⁰¹ @ 5½ c/c

1⅛ϕ HOLES

5 4@3'-1'-0

2½

4'-11

4'-8½

2'-10⅜

5/16 (P.P. & BOTT

5/16 45°

5/16 24

A/B790

aa

A768

25'-6½

7 @ 3'-1'-9 = 7½

1⅛ϕ HOLES

5½ Gα

2

3 4 3

2

1⅛ϕ HOLES

1-D763

1-D763

2-PL⁹/₁₆×10×⅝×1'-2-B764
2-1ϕA490×5¼
2-1ϕA325 WSHRS
WRENCH TIGHT

1-W36×245 (A36) × 4'- 0⅜ mb PIE
P135/4 CUT WITH mc 1820:1819

1-W36×194 (A36) × 4'- 0⅜ md PIE
P136/14 CUT WITH mc 1820:1819

6'-10

5'-8⅛ | 1'-1⅞ | 4'-2⅞ | 10'-9½ | 5½ | EL582'-3

3 | 2 @ ⅞ SLOTS | 11'-0⅞ | 2⅞

1-L6×4×5/16×2'-6-A768

1-A790:2-B790

A

1-L3×3×⅜×8 aa

B

1⅛ϕ HOLES

11½

1-A770
2-⅞ϕ×2¾

8

A

10'-9⅞

1-B770
2-⅞ϕ×2¾

8'-9⅞ | W23⅝×55 | 5½ | EL582'-3

BOTH FLGS 5/16 | 3½ | G @ 3'-1'-6

8½ | 5½ | 5½ | 8½

9½ | 9½

PL17⅞×½×2'-1¼ BENT A790
PL³/₈G½×⅜×10⅞ B790

1" Rad

⅜ | ½

5⅞

½ | 4⅛₆

5 | 5⅛₆

⅜ | 6'-4 | 2⁹/₁₆

12

15/16ϕ HOLES

BOTH FLGS 5/16

L8×6×¾×1'-0½-A770

SECT^N A-A

21'-5⅛

4'-5¾

1⅛ | 9⅞

25'-10⅜ | EL597'-0

25'-6½ | 5½

26'-9⅞

1-A768

1-A790:2-B790

1-L aa

1-A768

5/16

5¾ | 5¾

1-A770
2-⅞ϕ×2¾

25'-6⅜

1-B770
2-⅞ϕ×2¾

23'-6⅞ | W23⅝×55 | 5½ | EL597'-0

NO WELD | 4

3½

1'-11½ | G @ 3'-1'-6

PL15×¾×3'-7½-D763

24ϕ DRILLED HOLE

A768

aa

7⅞

4⅛₆

5 | 5⅛₆

3 QUOTS 15×½

PL6½×⅜×1'-0½-B770

5/16

½ | 6'-4 | 2⁹/₁₆

⅜

12

SECT^N B-B

DIV 2301

30
40

DIV 2306

A1816 | 2 | W14×550 | W20¼×17¼×2⅜ ω 550 (A36) × 29'-6 MILL 2 ENDS P19/5

FOR 1ϕA490

NOTES
MATERIAL G40.21 44W ⁴/N
E70 SERIES ELECTRODES
REF DWGS E22/23 E117. E118. E118A. 9154. CW3. CW4 E122. 9167. 9168. 9155. 9156

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
56-1ϕA490×3½
88 4
24 3¼
72 3¾
12 5¼
56 6¼
308-1ϕA325 WSHRS
16-⅞ϕA325×2¾

SPLICE G10A W14×426

SPLICE G10A W20¼×⅞ N 550

MASTER DWG
2
4
6
8
30 G10A
32 GA10A
34 GA10A
36 GA10A
38 GA10A
40 G 10A

REVISED			
DATE	BY	OPEN HOLES	13/16 U/N
DATE	BY	PAINT	NONE
DATE	BY	ERECTED BY	
DATE	BY	FIELD PAINT	
DATE Jan 25	BY JM	INSPECTION	

12 TH TIER COLUMNS 30 & 40
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 DATE CHKD. BY OW DATE JULY 8
CONT. No. 84-152 SHEET 1816

July 24/85 R
July 12/85