FIN 21 ST FLOOR EL 567'-6

FIN 22ND FLOOR EL 582'-3

FIN 23RD FLOOR EL 597'-0

14'-9

3'-6 MILL

11'-3

14'-9

25'-0

3'-6

MILL

5½

5½

5½

W36¾×210 BOTH FLGS

W36½×194 BOTH FLGS

1⁄16 5¼ 9@3=2'-3 4½

1⁄16 11 7@3=1'-9 4½

8'-2

7'-8 11⁄16 5 5⁄16

23'-5

22'-5 15⁄16

3'-1 3⁄16

5⁄8

11⁄16

5⁄8

NOTES
MATERIAL G40·21 44W Y/N
E70 SERIES ELECTRODES
REF DWGS E22/23 E117. E118. E118A. CW4. CW3. 9154. E122 .9156. 9164. 9165.

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
36 - L Φ A490 × 3 × 4¼
24 - 3¾
74 - 4¼
16 - 5½
150 - 1Φ A325 WSHRS
8 - 7⁄8Φ A325 × 2½
4 2

SPLICE 8/10 W14×455

SPLICE 8/10 W14×426

ASIC MASTER
ORTH SOUTH
ALL

OUTH WALL
MASTER
FROM
1789

1⁄16 Φ HOLES

2 3

WEST

BOTH FLGS 5⁄16

9½

1'-7

3⅜

3⅜

1'-2

1'-1¼

1'-1¼

1'-2

16-1Φ × 5½
10-1Φ × 4'4

9@3=2'-3

1-D752
5½% Abt ℄
20-1Φ A490×4¼

SECTN D-D
SECTN G-G

7⁄16 SECT D-D
3⁄8 SECT G-G

(3)

1'-0½

1'-0½

7⁄16 SECT D-D (3)
3⁄8 SECT G-G

A768

A/B789

9@3=2'-3

1-PL 5×½×2'-6½ PB 1786 OFFSET
1⁄16 Φ HOLES 10-1Φ A490×3

D

5⁄16

BOTH FLGS.

aa

4

(3)

1'-0½

1'-1¼

1'-1¼

1'-0½

ma 1786

ma 1786

BOTH FLGS 5⁄16

(4½)

45°

45°

D

1-PL PB 1786 OFFSET
1⁄16 HOLES 10-1Φ A490×3

1-PL 12×1⁄4×2'-9½ D752
5½% Abt ℄ PIE
20-1Φ A490×4'4

7'-8 11⁄16 5 5⁄16 9@3=2'-3

1-A752 ON ℄
12-1Φ A490×3¾

1-A752
12-1Φ A490×44

1⁄16 Φ HOLES 8-1Φ A490×3

F

G

5@3=1'-2

1'-2

1'-2

5@3=1'-3

(4½)

5⁄16

(3)

ab L

ab R

aa

4

1'-0½

1'-0½

1-A763

1-A763

1-A752 ON ℄
12-1Φ A490×3¾

1-A752 12-1Φ A490×44

1-B753 OFFSET

1⁄16 Φ HOLES
8-1Φ A490×3

23'-5

11⁄16

7@3=1'-9

5⁄8

22'-5 15⁄16

3'-1 3⁄16

F

1-PL 5×½×2'-0½ B753 OFFSET
1⁄16 Φ HOLES 8-1Φ A490×3

1⁄16 Φ HOLES

3 4 3

12

1-PL 10×5⁄8×1'-2
A764 MS
2-1Φ A490×4¼
2-1Φ A325 WSHR
W. RENCH TIGHT

PL 12×¾×1'-9½ A752 P.I.E

¾ 5½ ¾

5⁄16 R.P.

5⁄8 45°

A752

5½

SECTN F-F

6'-10

1'-1⅞

4'-2⅞

10'-9½

5½

EL 582'-3

5'-8⅛

SLOTS ¾×2

7±

1-A789 ℄
2-B789

11'-0⅞

1-9MC 25.4 (A36)×2'-6
ma 1786 P17/2

4½

2×⅞ SLOTS

1-L6×4×5⁄16×1'-6 A768

3

5⁄16

A

A

1-L9×3½×⅜×8aa

5⁄16 3

5⁄16 3

2

2

11½

5½

1-G766
2-⅞Φ×2½

24

A

10'-9⅞

6

9'-5 5⁄8

W15⅞×31

5½

EL 582'-3

1⁄16 Φ HOLES

BOTH FLGS

3½

3@3'-9

8½

5½

8½

8

8

PL 18¼×½×2'4 (6ENT) A789

PL 6½×⅜×11¼ - B789

1" Rad

3⁄8

1⁄2

6¼

5½

1⁄2

3⅜

15⁄16 Φ HOLES

BOTH FLGS 5⁄16

L6×4×¾×1'-0½ - G766

SECTN A-A

5'-1½

EL 597'-0

20'-8½

2

2-L6×3½×⅜×1'-0 ab ℄
4-⅞Φ×2

SLOTS 15⁄16×1½

12

12

2

2

7

10½

3

3⅜

5½

1-G766
2-⅞Φ×2½

25'-6½

5½

1-L aa

B

B

5⁄16

BOTH FLGS

3⅜

3⅜

1-H766
2-⅞Φ×2½

25'-6⅜

3⅜

B

B

24'-2⅝

W15⅞×31

5½

EL 597'-0

NO WELD

4

12

PL 15×⅝×2'-1½ - A763

1'-2½

3@3'-9

1⁄24 Φ DRILLED HOLE

5¾

5¾

aa

18

5½

SLOTS 15⁄16×1¾

3½

5⁄16

BOTH FLGS

L4×4×⅜×1'-0½ - H766

SECTN B-B

8½

PL 11×1¾×1'-0½ ax

1

18 Φ DRILLED HOLE

6¼

6¼

2

(21) A1786 ONE W14×455 W 19×16⅞×2 aw 455 (A36) × 29'-6 MILL 2 ENDS P19/13

DIN 2313

FOR 1Φ A490

Sept 2/85 R
July 19/85

△ OMIT PL ax

REVISED	BY
DATE AUG 31	FR
DATE	BY
DATE	BY
DATE	BY
DATE	BY

OPEN HOLES	5⁄16 C.U./N
PAINT	NONE
ERECTED BY	
FIELD PAINT	
INSPECTION	

12TH TIER COLUMN 21
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 F. R
MADE BY JM/EC DATE JUL 5/85 CHKD. BY OW DATE JUL 15

CONT. No. 84-152 SHEET 1786