FIN 21ST FLOOR EL 567'-6

14'-9

3'-6 MILL

11'-3

FIN 22ND FLOOR EL 582'-3

14'-9

26'-0

FIN 23RD FLOOR EL 597'-0

3'-6 MILL

NOTES
MATERIAL G40.21 44W U/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.

FIELD BOLTS
8 - ⅞ϕ A325 × 2½
28 - 1ϕ A490 × 3½
32 - × 3¾
80 - × 4
6 - × 5¼
28 - × 6
174 - 1ϕ A325 WASH

NOTE!
1- W36'8 × 16½ × 1⅜ ω 245 (A36) × 4'-1 - ma (P.I.E.)
1/16ϕ HOLES ω 5½ Ga. IN TOP & BOTTOM FLANGES
P135/4 CUT WITH mb 1813
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

1/16ϕ HOLES
7ω3 = 1'-9 7½
10'-9½
pa 1801 ω 5½ c/c

NOTE!
1- W36¾ × 12⅜ × 1⅜ ω 210 (A36) × 4'-1 - mc (P.I.E.)
1/16ϕ HOLES ω 5½ Ga. IN TOP & BOTTOM FLANGES
P136/4 CUT WITH md 1813
2-PL 9 × 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 8 pb 1801
2-1ϕ A490 × 3½
2-1ϕ A325 WSHRS
WRENCH TIGHT

(1'-6¾) 1'-6 5½
3'-1 7/16
25'-6½
1'-7 7/16
(1'-6 11/16)
7ω3 = 1'-9 7½
pb 1801
pc 1801 ω 5½ c/c
1-PL 16 × ¾ × 2'-3¾ pa ON ℄
8-1ϕ A490 × 3¾
1/16ϕ HOLES
TOP & BOTT FLG 1 — 14 × 450 — NOTCH
3 NOT LESS
1" RAT HOLE (TYP)
2-PL 10 × ⅝ × 1'-2 A764
1/16ϕ HOLES 2-1ϕ A490 × 5
2-1ϕ A325 WSHRS WRENCH TIGHT
1-G763
1-PL 16 × ¾ × 2'-3¾ pb ON ℄
8-1ϕ A490 × 3¾
1-PL pb ON ℄
8-1ϕ A490 × 3¾
1-PL pa ON ℄
8-1ϕ A490 × 3¾
(pa : pb)
CONT 25'-6½
3'-1 7/16
3'-1 7/16

SPLICE G-10A
W19 5/8 × 500
A1583
1'-1½ (+⅛ -⅜)
6
9½
1'-7
1-14
1-14
4
3/16
23
¾
2
1/16ϕ HOLES
2-FILL PL 15 × ⅜ × 2'-1½ - fa
2-H.T. BOLT 1ϕ × 5¼ (A490)
2-H.T. WASH EA.
(WRENCH TIGHT)
BOTH FLGS 5/16
'NORTH'
4'-8½
(2'-8)
A768
2-PL 8½ × ½ × 2'-0½ pb 1801
2-1ϕ A490 × 3½
2-1ϕ A325 WSHRS
WRENCH TIGHT
aa
A768
1-14
1-14
2-FILL PL 6½ × ⅜ × 9½ - fb
2-FILL PL fa
2-H.T. BOLT 1ϕ × 5¼ (A490)
2-1ϕ H.T. WASH EA.
(WRENCH TIGHT)
BOTH FLGS 5/16
24 5/16
A1B789
10'-9½
7ω3 = 1'-9 7½
TOP & BOTT PL PP 1 — 45°
5½ Ga
5½ Ga
1/16ϕ HOLES
6 - 1ϕ × 5¼
28 - 1ϕ × 6

1-W36 × 245 (A36) × 4'-1 - mb (P.I.E.)
P135/4 CUT WITH ma 1814

1-W36 × 210 (A36) × 4'-1 - md (P.I.E.)
P136/4 CUT WITH mc 1814

6'-10
5'-8⅛
1'-1⅞
10'-9½ 5½ EL 582'-3
⅞
4'-0⅞
11'-0⅞
3
2 × ⅞ SLOTS
3/16
1-LG × 4 × 5/16 × 2'-6 - A768
1-A789 : 2 - B789
1-A768
1-L3 × 3 × ⅜ × 8 aa
A
B
1/16ϕ HOLES
1½
11¾
BOTH FLGS 3½ 6 @ 3 = 1'-6 4
1-B769 2-⅞ϕ × 2½
8
10'-9⅞
1-E765 2-⅞ϕ × 2½
9'-5¾ W15¾ × 26 5½ EL 582'-3

8½ 5½ 5½ 8½
8 8
1" Rad
PL 18¼ × ½ × 2'-1⅝ BENT A789
PL 8 G½ × ⅜ × 11¼ B789
6¼
3/8 × 5½
7¾
1½
2¼
BOTH FLGS 5/16
1/16ϕ HOLES
7/16 6¼
L8 × 6 × ¾ × 1'-0½ - B769
44
12
SECTN A-A

21'-5⅛
4'-5¾
1⅛
9⅞
25'-10⅞
EL 597'-0
25'-6½ 5½
26'-9⅞
1-A768
1-A789 : 2 - B789
1-A768
1-L aa
5/16 EFF.
3/8
PL 15½ × 1¼ × 3'-1½ - G763
DRILLED HOLE
1-B769 2-⅞ϕ × 2½
25'-6⅜
1-E765 2-⅞ϕ × 2½
NO WELD 4
3/8
24'-2¾ W15¾ × 26 5½ EL 597'-0
2'-8½
3ω3 = 9

A768
1'-1¼
1'-1¼
aa
7¾
3 3/4
4 4
3 3 3 3
1 1/8
2 1/8
5/16
5
5/16
1/4ω
5/16 × 1⅛ SLOTS
7/8
6¼
44
12
PL G½ × ⅜ × 1'-0½ E765
SECTN B-B

A1808 ONE ~ W19 × 167 × 2 @ 455 (A36) × 29'-6 MILL 2 ENDS P19/13
DIV. 2317

FOR 1ϕ A490

July 25/85 R
July 22/85

REVISED			
DATE ___ BY ___	OPEN HOLES	13/16 U/N	12 TH TIER COLUMN (8)
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 July 25 BY JM	INSPECTION		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 DW DATE JUL 19
CONT. No. 84-152 SHEET 1808

x39 - WELD FOR mc & md

SPLICE 54-11 W19 × 455

MASTER DWG
2 4111 5/11
4 5/11
6 GIIOR 5A111
8 GIIOR 5A111
10 5A111 5/11
12 5A111 5/11