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 | MILL

NOTES
MATERIAL G40.21 44W U/N
E70 SERIES ELECTRODES
REF DWGS E22/23 E117.E118.E18A.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
16 - 7/8ϕ A325 x 2½
28 - 1ϕ A490 x 3½
32 - x 3¾
80 - x 4
6 - x 5¼
28 - x 6
174 - 1ϕ A325 WASHER

1- W36⁸ × 16½ × 1⅜ ω 245 (A36) × 4'-0 11/16 - ma (P.I.E.)
1/16 ϕ HOLES ω 5½ Ga IN TOP & BOTTOM FLANGES
P135/4 CUT WITH mb 1812
2-PL⁹ × 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 1

1- W36¾ × 12⅜ × 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 1812
2-PL⁹ × ⅞ × 2'-8½ pc 1801 4-1ϕ A490 × 4
4-1ϕ A325 WSHRS WRENCH TIGHT
14-1ϕ A490 × 3½
36-1ϕ A490 × 4
2-PL⁹ pb 1801
2-1ϕ A490 × 3½
2-1ϕ A325 WSHRS
WRENCH TIGHT
NOTE 1

1/16 ϕ HOLES
10'-9½
7 @ 3 = 1'-9 7½
pa 1801 ω 5½ c/c
pb 1801
pc ω 5½ c/c 1801
1-PL16 × ¾ × 2'-3¾ pa on ℄
8-1ϕ A490 × 3¾
1-PL16 × ¾ × 2'-3 pb on ℄
8-1ϕ A490 × 3¾
2-PL⁹ 8½ × ½ × 2'-0½ pb 1801
2-1ϕ A490 × 3½
2-1ϕ A325 WSHRS
WRENCH TIGHT
2-PL⁹ 10 × ⅝ × 1'-2 A764
1/16 ϕ HOLES 2-1ϕ A490 × 5¼
2-1ϕ A325 WSHRS
WRENCH TIGHT
1-G763
1-G763
A1464
W19⅝ × 500
SPLICE G-10A
'NORTH'
A768
A/B789
A/B768
A/B769
BOTH FLGS
1-PL pb on ℄
8-1ϕ A490 × 3¾
1-PL pa on ℄
8-1ϕ A490 × 3¾
TOP & BOTT FLG
NOT LESS
1" RAT HOLE (TYP)
CONT
6 - 7/8ϕ × 5¼
28 - 7/8ϕ × 6
7 @ 3 = 1'-9 7½
3¼
2-7/8ϕ × 2½
5½ Ga
1-L.ah (F.S.)
2-7/8ϕ × 2½
1-W15¾ × 26
1-W36 × 245 (A36) × 4'-3 11/16 - mb (P.I.E.)
P135/4 CUT WITH mc 1813
1-W36 × 210 (A36) × 4'-3 11/16 - md (P.I.E.)
P136/4 CUT WITH mc 1813
1-L6 × 6 × ¾ × 6'-0 ah
(3'-3⅜)
(3'-6 15/16) N.T.S.
4'-11½
4'-1⅞
4'-3 11/16
3'-11 11/16
2'-10 15/16
1-3/8
1-1/4
9 13/16
1-7 5/16
3½
6
4
23
24
44
12
8'-4
3'-1 7/16
25'-6½
1'-7 7/16
(1'-6 3/4)
(1'-6 11/16)
7 @ 3 = 1'-9
7½
3'-1 7/16
3'-0
3'-0
(4'-1½)
1-1/8
1-3/8
2'-0 15/16
2'-10 1/16
2'-10 15/16
8-1ϕ A490 × 3¾
3 NOT LESS
3½
3 4 3
8 9 8
12
8
5½ Ga
1-L3 × 3 × ⅜ × 8 aa
2 × ⅞ SLOTS
1-A789: 2-B789
1-A768
1-L6 × 4 × 5/16 × 2'-6 - A768
1-B769
2-7/8ϕ × 2½
1-E765
2-7/8ϕ × 2½
1-Laa
1-A768
1-A789: 2-B789
1-A768
1-B769
2-7/8ϕ × 2½
1-E765
2-7/8ϕ × 2½
NO WELD
1-PL15½ × 1¼ × 3'-7½ - G763
24/16 ϕ HOLE
A768
1'-1¼
1'-1¼
aa
6'-10
5'-8⅛
1'-1⅞
4'-0⅞
11'-0⅞
10'-9½
5½
EL582'-3
⅞
3
1" Rad
8½ 5½ 5½ 8½
8 8
PL18¼ × ½ × 2'-4 BENT A789
PL5 G½ × ⅜ × 11¼ B789
21'-5⅛
4'-5¾
18
9⅞
25'-10⅞
EL597'-0
25'-6½
5½
26'-9⅞
L8 × 6 × ¾ × 1'-0½ - B769
SECT N A-A
SECT N B-B
SLOTS 15/16 × 1⅛ × 1'-5
PL6½ × ⅜ × 1'-0½ - E765
9'-3¾
W17¾ × 35
24'-0¾
2'-8½
3@3-9
BOTH FLGS
3½
6 @ 3 = 1'-6
1½
11½
3 3 3 3
3¾
1¾
5
1⅛
6¼
7/8
4¼
12
X39 - WELD FOR mc & md
FOR 1ϕ A490

MASTER DWGS
2 A111 5/11
4 5/11
6 G1108A 5A111
8 G1108A 5A111
10 5A111 5/11
12 5A111 5/11

SPLICE 5A-11 (W18⅝ × 426)

A1807 ONE W19⅝ × 17 × 2 3/16 @ 500 (A36) × 29'-6 MILL 2 ENDS P19/10
6 DIV. 2317

REVISED			
DATE ___ BY ___	OPEN HOLES	13/8 U/N 7/16	12 TH TIER COLUMN (6)
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 22 BY dm	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 CHK'D. BY OW DATE JUL'18
CONT. No. 84-152 SHEET 1807

July 25/85 ER
July 22/85