TOS EL. 334'-6 (3RD FLR) (E3) | TOS EL. 348'-0 (4TH FLR) (E4) | TOS EL. 361'-7 (5TH FLR) (E5) | EL. 366'-3

13'-6 | 13'-7 | 4'-8 | 28'-3

3'-6 | 10'-0 | 10'-0

MILL | MILL

28'-5

W30x99 | W30x173 | W30x173

8'-9 | 4@3'=1'-0 | 3 | 21'-5½ | 7@3'=1'-9 | 4½ | 1'-2 | 3@3'=9 | 3½

2 3@3=9 4½ | 1½ | 1½

9:11¾ L.aa △

⅝ RET. @ TOP (TYP) | 5/16

TYP 9/16 7

⌀ HLS. 7/16

pa

1½ | 5½ | 5½ | 11½ | 1½

1-PL 14½x⅝x1'-4½ - ph
2-7/8⌀ x G A325 BOLTS

ab
10:0 △
¼ 2 TYP.

pb

24'-1⅛ EL. 362'-1⅛

6⅛

TYP 9/16 5

NO WELD 4

A

W12x19 (N/S WEB) | (N/S WEB) W30x173

9'-3 | 6 | 3 | 21'-5½ | 7@3'=1'-9 | 4½

2-L⁵ 4x3x⅜x1'-2½ - 50KC (⅝ B/B ON ℄)

2-L⁵ 4x4x⅜x1'-11½ - 80KC (¾ B/B ON ℄)

1-L-3x3x¼x6½ - ab (N/S) △

1-L-3x3x¼x11.aa F/S △

pc

pb.pg.

1-PL-pa

SHOP MATCH COL. A72

SHOP MATCH COL. A131

(-1/16) | (-1/8)

60

1'-9½ | 1'-8⅞ | 1'-8⅞

"SOUTH"

(22)

1-L-ab (N.S.) △

2-L⁵ 4x3x⅜x11½ - 90KC (7/16 B/B ON ℄)

TYP ¼ 2

NOTE BREAK IN GAGE @ COL. WEB

2-L⁵ - 90KC (7/16 B/B ON ℄)
APP:- DECK SUPPORT L⁵ FIELD WELDED △
NOT REQ'D.

1-PL 4x⅞x7½ - pk

⌀ HLS. 1/16

⌀ HLG. 3/16 / 1⌀ A490 BOLTS

3/8

24'-4½

A

NO WELD 4

1-PL 14½x⅝x2'-1½ - pa

5-⅞⌀x2¾
4-⅞⌀x4½
4-⅞⌀x2½

8-⅞⌀x3
16-1⌀x4¾
4-⅞⌀x2½

⅝ RET. @ TOP (TYP) 5/16

L.ab △

pk

3/16

pa

2 3@3=9 4½

1½ | 5½ | 5½ | 11½

1-PL-ph
2-7/8⌀ x G A325 BOLTS

9'-0 | 3@3=9 | 3 | W21x44

22'-7 | 3@3=9 | 3 | W21x44

L⁵ ON FLGE REPLACED - (4 SPCS @ 3")
SEE DWG FW51

12

(DIV. 24) | 60 A98 (3RD LIFT) | ONE - W20⁷⁸ x 17⅜ x 2⁵⁸ @ 605 x 28'-3 (M2E) (A572 GR. 50) | PG 1/2

FIELD BOLT SUMMARY:

16- 1⌀ A490 x 4¾
4- x 4¼
8- x 4
6- x 3
34- 1⌀ A325 WASH.
16- ⅞⌀ A325 x G¼
4- x 4¼
8- x 3
5- x 2¾
8- x 2½

ALL 1⌀ A490 BOLTS TO HAVE 2 WASH. △
DETAIL MATERIAL G40.21 (44W) ②
E70 SERIES ELECTRODES
REF. DIAG. E4. E5. 904. E117; ESA

AS NOTED

1'-4 | 3 | 3 | 3 | 2

TYP 5/16 12

pc

pb.pg

⌀ HLS 13/16 / 1⌀ A490 BOLTS

38 1/2

1'-2 | ¾a CUT

SECT. "B-B"

(40'-9⅞) 12 9/16

2'-5⅝ | 2'-5⅜

1'-1⅝ | 1'-4 | 6 7/16 | 1'-10 15/16

(40'-9⅞) 12 9/16

5/16 @ 45° | 5/16 @ 45°

1-PL-pc (N/S)

1-PL 31¼x 2¾x 3'-2 - pg

3 | 3 | 3 | 3 | 3 | 3

2'-1⅞ | 2'-9⅜ | 2'-10⅜

1-PL-pc (N/S)

(21'-6 15/16) 12½

(22'-8¾) 12 11/16

3/4

2'-3⅛ | 1'-10⅜ | 2'-9⅜ | 2'-10⅜ | 6⅛ | 1'-0 5/16 | 6⅛ | 6¼ | 11/16 | 1'-0 5/16 | 3

B

1-PL 31x 2¾x 3⅜ - pb

1-PL 5⅜x⅞x 2'-3 - pc (N/S)

pk

3 | 3 | 3 | 2'-6 | 2'-8¼ | 2'-6 | 3 | 3 | 3

3/16

4-1⌀x4¼	+ EXTRA WASH.
8-1⌀x4	+ EXTRA WASH.
6-1⌀x3	+ EXTRA WASH.

16-⅞⌀x6¼

SECT. "A-A"

4⅛ | 1'-8¼ | 6⅝ | 1⅜

1'-3⅜ | 2'-1 | 2⅝

9 | 1'-9¼ | 3¾ | 4⅛ | 10⅜ | 1'-0⅜

pb | 2'-5⅝ | 6⅜ | ¾ | ¾ | 1⅜ | 2'-7

CUTTING LAYOUT FOR PL pb

4⅛ | 2'-1 3/16 | 6 1/16

1'-9¼ | 1'-3⅜ | 5⅜

9 | 2'-5 5/16 | 3/16

1⅜ | ¾ | ¾ | 6⅜ | pg | 2'-5⅝ | 2'-7¼

CUTTING LAYOUT FOR PL pg

Mar 5/85 R
FEB 27/85

REVISED			
DATE MAR 5/85	BY JMcK	OPEN HOLES	16 ⌀ HLS.
DATE APR 24	BY JEB	PAINT	
DATE	BY	ERECTED BY	
DATE	BY	FIELD PAINT	
DATE	BY	INSPECTION	

7 WORLD TRADE CENTER
47 STOREY OFFICE BUILDING
TISHMAN CONSTRUCTION — CUSTOMER
EMERY ROTH & SONS P.C. — ARCHITECT
IRWIN G. CANTOR P.C. — ENGINEER

FRANKEL STEEL LIMITED
220 ATTWELL DRIVE UNIT 1 REXDALE, ONTARIO M9W 5B2

SQUAD FR
MADE BY EZN DATE 2/4/85 CHKD. BY D.I. DATE FEB 85
CONT. No. 84-15 SHEET 98