EL 361'-7 | 9'-0 | EL 375'-3 (E6) | 22'-1 | EL 388'-4 (E7)

4'-8 | 13'-8 | 13'-1 | 4'-2 | 26'-3

NORTH

pb (TYP) | pa | pc | pd | pc

1'-7 7/16 | 1'-7 7/16 | 1'-4 | 8 8/8 | 8 8/8

SECT - A-A.

aa | ha | hb | 1'-3 1/4 | 7 7/16 | 1 1/2 | 4 6 | 3 11/16 | 4 4 | 12

1-L 5 4 - 5/8 x 10 - pd
1-L 11 3/8 x 5/8 x 1'-4 - pc

(aa) 9'-0 3/8 | 7'-9 5/16 | 1'-3 5/16 | 5/16 3 3 | A

1-L - pc | 1-L 3 x 3 x 1/4 x 10 - aa F/S

3 3 7/16 | (3 5/16) | 2'-9 15/16 | (1'-10 3/4) | 1 1/16

ha | hb | 1'-2 1/2 | 1'-1 1/16 | 3

1-L - pc | 1-L - pd | 1-L - pc

4-L 10 x 1 x 10 - pb (2-N.S, 2-F.S)

7'-9 5/16 | 5/16 | 1'-3 5/16 | A

4 - 7/8 ø x 2 1/2
24 - 1' ø x 3 1/4
6 - 1' ø x 3
24 - 1' ø x 4

pb | pc | pd | pc

1-L 7 x 3/8 x 1'-0 - ha
1-L 6 3/4 x 3/8 x 1'-0 - hb

8'-0 | 3 3 3 | 3 | 5/16 | 15/16 | 8 RET ø TOP ha, hb

MILL | W24 - 68 (c) | EL 375'-3

[MATL A588 GR 50] P4/15

2 - L 26 x 3 x 25'-2 - pa (M.I.E)

W14 x 132 | 5/8 | (TYP) | 5/16 | 7/16

3 2 4 | 3 5 1/2 | 3 2 4 | 1 2 3 | 5/16

28 - 1 1/8 ø

(15'-7 3/4) | 9 11/16 | 12

1-L 33 13/16 - 14 - 5'-5 1/2 - pg

2'-4 3/16 | 6 1/4 | 1 3/4 | 1'-6 | 3'-0 | 1'-6 3/16 | 5/16

1-L - PS F/S

1-L - 17 x 1 3/4 x 2'-9 13/16 - PP

FOR FIELD WELDS SEE ~~DWG 4~~ DIAG.

1-L - aa F/S

1-L - ha F/S
1-L - hb F/S

1-L - ptx

W36 1/2 x 280 | 3/16 | 1'-6 | 3/16

19'-0 5/16 | 3'-0 7/8

14 - 1 1/8 x 3 1/4

19'-6 1/2 | 4'-10 7/16 | 1 3/4

17'-1 | 7/16 | 3'-6

2-L 8 x 1 3/4 x 2'-9 13/16 - pm R B (1-N.S, 1-F.S)

1 R 17 7/8 x 13/16 x 1'-10 3/8 py x (CUT TO FIT) 3

1-L 15 1/2 x 2 1/4 x 5'-7 1/2 - ptx

3 4 | 1 | B.S. OF WEB | 5/16

21'-1 | 3 3 3

2-L's - 3 x 3 x 1/4 x 2'-7 - ab (1-N.S, 1-F.S)

3 5 3/4

1-L 17 x 1 1/4 x 4'-8 8 5/8 - pk

1-L 10 1/2 x 3/4 x 2'-4 - ps F/S

20 - 1' ø x 6 1/4

2'-4 3/16 | 19'-0 7/16 | 17'-1 | 7/8 | 6 1/16 | 8 @ 3 = 2'-0 | 3'-1 3/16 | 3'-6 | 5'-0 5/8 | B

1-L - 17 x 1 1/4 x 4'-8 5/8 - ph (SLOTTED)

(ab) 22'-1 1/2

4 - 7/8 ø x 2 1/2
28 - 1' ø x 4 1/2
14 - 1' ø x 3 1/4
28 - 1' ø x 5

MILL | 1'-1

FOR 1" ø A490 BOLTS.

9 @ 3 = 2'-3

3'-2 1/2 | 2 | 3/32 | 1 | 24

ptx | 3 3 3 | 3 | 3 | 3 | 3 | 3 | 1 3/4

3/8 | 4" | 2" RAD | 3/16 | FOR 1" ø A490 BOLTS.

SLOT - ptx 4 x 1'-6 | 4 | NO WELD

40 - 1" ø EXTRA WASHER

FIELD BOLTS.
8 - 7/8 ø A325 x 2 1/2

6 - 1" ø A490 x 3
52 - x 3 1/4
24 - x 4
28 - x 4 1/2
28 - x 5
20 - x 6 1/4
68 - x 8
226 - 1" ø FLAT WASHERS.

2 1/2 | 3'-9 | 3'-11 3/4 | 3'-9 | 3'-10 9/16 | 2'-9 15/16 | PP | PM | CUT SQ

PP OR PM R L.

CLIP 3/4 x 3/4 FOR PM R L. | 3/16 45° | 1/16 45°

1'-3 1/4 | aa | ha | 3 11/16 | hb | 4 4 | 12

3/8 45° | 3/4 45° | ph, pk | CLIP (TYP) | 3/4 | 3/4

1/4 3-9 | 1/4 3-9 | ab

2 1/16 @ 3 = 1'-6 | SLOT 1/8 x FOR PH ONLY | 5/16

ph, pk

3 2 4 | 5 1/2 | 3 2 4

SECT - B-B.

NOTES

CONN MATERIAL - G40.21 GR 44W U/N.
E70XX ELECTRODES

Apr 26/85 R
Mar 11/85 R
Feb 15/85

APR 26/85 R

A90
(DIV 22)
0717
1

ONE W 22 3/8 x 17 7/8 x 3/16 @ 730 x 76'-2 3/16 (M22) [MATL A572 GR 50] P4/13

COL # 8 (4TH. LIFT)
REF. DIAG. EG, 7, 20.

X15 ¢APP
2 MAR 10/85 REVISED BY JMcK
3 DATE APR.25 BY JTM
DATE APR 26'85 BY JTM
DATE ____ BY ____
DATE ____ BY ____

OPEN HOLES 13/16 U/N
PAINT ____
ERECTED BY ____
FIELD PAINT ____
INSPECTION ____

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
TISHMAN CONSTRUCTION. CUSTOMER
EMERY ROTH & SON. PC ARCHITECT
IRWIN G. CANTOR PC. ENGINEER

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

SQUAD FR
MADE BY ACS DATE JAN'85 CHKD. BY ME DATE FEB 85

CONT. No. 84-15 SHEET 90

W24-68(C)

W24-55 NC

W14-550 OVER