237K H

216K H.

EL 334'-0 (53)

EL 348'-0 (54)

EL 361'-7 (55)

14'-0

9'-10

13'-7

23'-5

4'-2

4'-8

1/16 W15½-193

1/16 W15½-176

5/8

NORTH

TYP 1/2

TYP 1/2

pc

pa

pb

pb

7/16

1/16 ∅

2

3 3/4 3 3 3/4

3 3/4 3 3/4

9 @ 3 = 2'-3

4½

8'-6 7/16

1'-4 3/16

5/16 3 3

2

9-5/8

1-PL-7½-1×10-pc F/S

1-PL 13¾×⅞×1'-4-pb

1-PL-pb

5/16 3

1-L 3×3×⅜×8 - aa N/S

1-PL-17½-⅛×2'-11½ - pa

TRUE ∅ SQ (+1/16)

(⅛)

9/16

1'-7⅞

3 3 3

1'-0 9/16

2 2 4

(2¾)

15/16 ∅

1-PL-pa

2-1∅ A490 × 5¼ (WRENCH TIGHT)

SHOP MATCH TO A4

1-PL-pb

1-PL-pc F/S

1-PL-pb

8'-10

3 3 3

5/16

8'-6 7/16

1'-4 3/16

3

W24-68 F/S

pb

pb

pc

7/16

3 3/4 3 3/4 3 3/4

9 @ 3 = 2'-3

4½

1/16 ∅

MILL

A24

DIV

44 (1)

22'-1 11/16

19'-7 15/16

3'-2 1/16

3'-2⅛

1-PL 10×¾×10½-pg F/S

18-1∅×5¾

1-PL-16×1⅜-4'-0 15/16-ph

1-PL 26 3/16×1×7'-6 -pd

TYP 5/16

1-PL-ph

2-L's 3×3×¼×2'-2 -ac (1-N.S, 1-F.S)

A

B

B

2'-8

2'-8

2'-3 9/16 (1'-5¾)

8 11/16

(16'-9¼)

12

23/4 12¾

5¾

3

1-L-aa N/S

2'-2

4

1'-3¼

2'-3 9/16 (1'-5¾)

8 7/16

TYP 7/16

1'-3

2'-8

5¾

3

1-PL-pd

1-PL-ph (aa) 23'-4⅝

2'-8

5 5/8 3=1'-3

2-L's-ac (1-N.S, 1-F.S)

A

1-PL-ph

1-PL-pg F/S.

8 11/16

(16'-9¼)

12

18-1∅×5¾

22'-2

4@3=1'-0

5/16

19'-7 15/16

6 15/16

2'-0½

3'-2 1/16

2'-0½

3'-2⅛

6⅞

22'-1 11/16

1'-3 15/16

3 5/8

W15×176

W27×84 F/S (WEB)

18-1∅×5¾

10-⅞∅×4

12-1∅×3½

52-1∅×4¼

52-1∅×4¾

8-⅞∅×4

12-1∅×3½

32-1∅×4

32-1∅×4½

(MATL A36) PG/17.

ONE W19 5/8 × 17 × 2 1/16 @ 500 × 28'-1 (M.2.E)

FIELD BOLTS

18-⅞∅ A325 × 4

6- × 4¼

16- × 5½

24-1∅ A490 × 3½

32 × 4

52-1∅ A490 × 4¼

32- × 4½

52- × 4 3/4

72- × 5¾

264-1∅ FLAT WASHERS.

(COLUMN 40)

REF S 4, 5, 20, 922, 935.

FOR 1∅ A490 BOLTS.

D.W. 1

REVISED			
DATE Feb 28	BY JM	OPEN HOLES	13/16∅ U/N
DATE	BY	PAINT	
DATE	BY	ERECTED BY	
DATE	BY	FIELD PAINT	
DATE	BY	INSPECTION	

7 WORLD TRADE CENTER — CUSTOMER

47 STORY OFFICE BUILDING.

TISHMAN CONSTRUCTION. — ARCHITECT

EMORY ROTH & SON PC — ENGINEER

IRWIN G CANTOR PC

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

SQUAD FR

MADE BY ACS DATE DEC'84 CHKD. BY ME DATE FEB 85

CONT. No. 84-15. SHEET 24

18-1∅×5¾

1-PL-10×⅝×1'-2 PS 6-BOLTS ⅞∅ A325 × 4¼ (WRENCH TIGHT)

(16'-10⅛)

12

8 5/8

18-1∅

6-⅞∅×4¼

16-⅞∅×5½

SECT B-B.

MILL

ac

3-9 TYP

ac

ac

NOTES —

CONN MATERIAL — G40.21 GR 44W U/N.

ELECTRODES — E70XX.

FEB 28/85 R

Feb 15/85

1/16 ∅ FOR ⅞∅ A325 BOLTS

TYP 9/16 5

TYP 9/16 7

T P

3½

24 ∅

13/4

11/2

5¾

13/4

PP

1'-2

3 3 3 2

4

NO WELD (TYP)

28'-3

18-1∅×5¾

(16'-10⅛)

12

8 5/8

SHOP MATCH TO A69

1-PL 14½-⅝-2'-1-PP

(1'-5⅝)

2'-3⅜

9/16

9/8

1-7½

3 4 3

1-PL-PP

2'-3⅜

(1'-5⅝)

8⅜

3'-2¾

(2'-4 15/16)

SLOT ⅛×2'-2 1/16

7 45 TYP 13/16 45

6@3=1'-6

6@3=1'-6

ph

ac

ac

ac

24 3 5½ 3 24

23/4

CLIP 3×3 (TYP)

SECT-A-A