1'-10½
1'-5¾
8⅞
1-℄ 14×⅝×2'-0- paa
1-℄. paa
1'-0
1'-0
TYP. 5/16
2-℄ 10×1×2'-3- py (1-N.S./1-F.S.)
MILL
27'-10 EL. 361'-7 (5TH)
4'-8
1-℄ 24 13/16×1½×2'-11 5/16- pw
pab
B
27'-6⅜
6⅜
4½
W30½×173
7e3=1'-9
24'-10⅜
8-1℄×3½
1-℄ 28⅝×1½×3'-8 3/16- px
pab
B
2'-0
5'-9½
2'-7½
7-1℄×3½
4½
6e3=1'-6
25'-1½
W31×211
26-4×3×½×2'-0-aa (¾ B/B ON ℄)
26-4×3×½×1'-9-ab (⅞ B/B ON ℄)
7/16 RET. TYP. BOTTOM
2½
2½
1'-1 11/16
1'-1 11/16
13'-7
32'-2 9/16
EL. 348'-0 (4TH)
13'-5
EL. 334'-7
MILL
MILL
6½
1'-3 7/16
1'-3 7/16
8-1℄×3¾
3½
3½
6½
7
7
paa
NO WELD
4
3'-0 RAD
6
3
11'-7
11'-1
9/16 TYP.
py
py
1-℄ 12×3×1'-4- pn (A572-GR 50)
1-℄ 10×1×1'-1¾- pp
1-℄ 6×1×1'-0- ps
4-1℄×5¾
1-℄ pm
2'-1
4
24'-2
48" GIRDER G/23 (A572 GR50)
Conn. added see FW71
1-℄ pv
mill
1-℄ 12×3½×1'-7- pm (A572 GR 42)
1-℄ 12×8×2'-4- pk (A588)
1-℄ 48 3/8×6×6'-6- pg F/s (A572 GR42)
1-℄ 53¼×6×6'-6- ph F/s
8'-0 (MIN) 8'-1 (MAX)
16-1℄×3
7/16 RET. 8 @ TOP
5/16 5/8 RET. 8 @ TOP
1-℄ 7½×⅝×2'-0- pf
8-1℄×3½
A
A
CUT 1×3 (T&B)
3/16 4
SEE FW73
1-W18×35×2'-0½- ma (A572-GR 50)
4-⅞×2½
3/8
1'-10 11/16
3'-1
3'-9 3/8
W36½×173
7e3=1'-9
6
4½
10'-10⅜
W31×211
7e3=1'-9
11'-3½
5e3=1'-3
3
W26⅞×94
11'-11
1-℄ 6½×½×2'-0- ha
1-℄ 6¼×½×2'-0- hb
1-℄ 8½×½×10½- pd
pf
pd
3/16 (1"℄ A490)
6-1℄×3½
2-℄ 12½×8×31'-8- pb (1-N.S./1-F.S.) (A588)
pb
pb
5/16 TYP.
2-℄ 9½×1×1'-1½- pc (1-N.S./1-F.S.)
11½
pc
pc
4
10½
6½
5/16
9 15/16
9 15/16
1'-1
1'-1
1-℄ 26×6½×2'-2- pa (A588) (102/12) (MILL FROM 7")
1'-8 3/16
1'-8 3/16
pa
W22 3/8×17⅞×3 1/16×730×31'-8 ONE A109 (0.1, 0.042)
4-1℄×3½
1-℄ 5⅜×⅜×2'-3- pab
5⅜
12
3/16
pg
pw
1-℄ 12×1½×1'-6½- pac
ph
1-℄ pab
12
10¾
4-1℄×3
1-℄ pab
3'-2¼
3/4
5/16
1-℄ 4⅝×⅜×1'-1¾- pt
1⅞
3/16
2'-8¼
px 4-1℄×4
4-1℄×3
3'-2¼
SECT. B-B
4-1℄×3
℄ col.
5'-10
10
3
pg
5/16
pp
pn
ps F/s
ph
SECT. F-F
3 11/16
(TYP.)
11/16
hc
hd
2'-0
pb
pf
ma
pb
hb
hc
hd
5/16 TYP.
ha
3/4
7/8
SECT. A-A
℄ col. (SEE SECT. B-B)
1'-4
3 3 3
2¼
pab
5/16
3/16 (1"℄ A490)
6
5 5/8
3 3/8
1'-2
CUT
SECT. G-G (TYPICAL)
1'-0½
3€3=9
℄ col.
2 11/16
3/16 (1"℄ A490)
5 5/8
3 3/8
pt
SECT. H-H
1'-5½
F
15/16
12
8 15/16
15'-10
pp
pn
ps
3/8
4 For Field Weld see FW123
pm
D
D
1'-1½
5e4=1'-8
24'-2
3'-9
41'-9
6'-9
2'-1
2'-0
27'-0 EL. 361'-7
pk
1½ 45°
1 45°
pm
pm
1-℄ 6½×⅜×1'-11- pv
SECT. C-C
1'-4
1'-0
4'-0 3/8
4½
6-1℄×6
3/8 45°
(1¾) 1/2 20°
pg
6
2'-4
1'-0
6
12
3 15/16
7/8
12
4'-5¼
5'-0 3/8
SECT. D-D
3'-0
3 11/16
3 15/16
12
2'-1 5/16
1'-0
1'-9⅛
11 3/16
1'-8 5/16
1'-3 13/16
pw
9
1'-3
2'-0 13/16
3'-0
3 15/16
12
2'-6
1'-8
10
1'-6 5/8
1'-7¼
12
10¾
1'-0
1'-0 13/16
1'-8½
1'-10 3/8
1½ R
2'-6
9
1'-6 13/16
px
DETAIL of ℄ pw & px
FIELD BOLTS
4-⅞ ℄ A325 x 2½
28-1 ℄ A490 x 3
6 - x 3¼
33 - x 3½
8 - x 3¾
4 - x 4
4 - x 5¼
6 - x 6
89-1-A325 WASHER
May 3/85 R
Apr 4/85
ALL 1"℄ BOLT TO HAVE 2 WASHERS.
DET. MAT'L: G40.21 GR.44W 4/N
ELECTRODE: E70xx
REF. DIAG. E4, E5, E5A
FW NOTE 4
1
REVISED
DATE ____ BY ____
DATE ____ BY ____
DATE ____ BY ____
DATE May 21 BY JM
DATE May 3 BY JM
OPEN HOLES 1 1/16"℄ 4/4
PAINT ____
ERECTED BY ____
FIELD PAINT ____
INSPECTION ____
7 WORLD TRADE CENTER
47 STORY OFFICE BLDG.
TISHMAN CONST. 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 PB6 DATE FEB 85 CHKD. BY MR DATE APR 85
CONT. No. 84-15 SHEET 109