72 — 75

28'-10

9'-7½ | 9'-7 | 9'-7½

2'-0½ | 7'-4½ | 19'-5

8'-10 | 11'-2 | 8'-10

8'-5 | 8'-5

1'-0 | 1'-0

(BEAMS - F/S)
(BEAMS - N/S)
(POSTS - ABOVE)

7'-6 11/16 (pm) | 18'-8 11/16 (pm)

3.3* x 24

1-℄ pm, ma, pg

2-℄ 8 x 8 x 3'-11 - pd
1-℄ 8 x 8 x 3'-11 - pf
2 BOLTS 1* A490 x 6¼
2 1* WASHERS (A325)
{BACK BOLT}
(WRENCH TIGHT)

7'-11¾ | 7'-6¾ | 8'-4¾ | 8'-9 1/16 | 8.8* x 3¼

1-℄ 4 x 1¼ x 10'8 · pm

2" | 4½

SECTION B-B

pa, pg, pc, CUT 3¾ x

HLS (⅞" - A325)

2-℄ pd, 1-℄ pf {BACK BOLT}
2 BOLTS 1* A490 x 6¼
2 1* WASHERS (A325)

18'-4 1/16 | 18'-10¾ | 19'-1¾ | 19'-6¾

28 - 1* A490 x 7½ (W/EXTRA WASHER)

8 - 1* A490 x 3½ (W/EXTRA WASHER)

28 - 1* A490 x 7½ (W/EXTRA WASHER)

13 @ 3 = 3'-3 | 4½ | 11½ | 12 @ 3 = 3'-0 | 6 | 12 @ 3" = 3'-0 | 11½ | 4½ | 13 @ 3 = 3'-3

26'-5¾

EL 321'-7½

pd, pf

pm

2 - TEE 10 B x 4½ x ½ x 3'-0 - ma (M1E) (1-N/S, 1-F/S) <11/25> (A572 GR. 50)

1-℄ 7¼ x ½ x 1'-5 · pg <F/S>

1-℄ 8 x 4 x 27'-1½ · pa (A36) <102/3> SUBST GR42

1-℄ pg <F/S>

2 - TEE · ma (A572 GR 50) (1-N/S, 1-F/S) <11/25>

1'-5¾

WEB ℄ 36 x ½ x 27'-1½ · pc (A36) <102/2> SUB 44W

11/16 CONT.

HLS (⅞" A325)

'WEST'

3'-0 | 2'-0 | 9.23 = 2'-3

1-℄ 8 x 4 x 27'-1½ · pb (A36) <102/3> SUBST GR42

1-℄ pk

2-℄ 3½ x 1 x 1'-0 · ph (1-N/S, 1-F/S)

1-℄ 33⅜ x 1 x 5'-0 · pk

HLS (1⅛" - A490)

14 - 1⅛" A490 x 5½ (W/EXTRA WASHER)

Typ. 3/8

(10'6")

3'-6 | 1'-3 | 2'-1 9/16 | 2'-9⅞ | 4'-3 13/16 | 9/16

2'-2¾ | 9/16 | 2'-11⅞ | 1'-3 1/16 | 2'-9¼ | 1'-6 3/16 | 2½ | 5

4'-6⅞ | 3'-4⅞

5/8 x 10'6" | 12

3'-6 | 2'-11⅞ | 22'-6⅝ | 19'-1¾ | 5 | 3½ = 1'-9 | 8 5/16 | 12

14 - 1⅛" A490 x 5½ (W/EXTRA WASHER)

27'-1½

SECT^N. A-A

(-10¼ 28'-10 ·10¼)

pm, pa, ma MILL, pc, pb, ph

3'-0 | 1'-0

Typ. 5/16

A458 ~ ONE MOMENT GIRDER (MG 29) <DIV. 3>

DETAIL MAT^L: G40.21 (44W) U/N
WELD: E70XX SERIES ELECTRODES
REF: DIAG: E2, E121; 969

For 1* A490 BOLTS 1¾ U/N
Mar 4/85

FIELD BOLT SUMMARY

6	- 7/8*	A325	x 2¼
8	- 7/8*	A325	x 3¼
8	- 1*	A490	x 3½
56	- 1*	A490	x 7½
64	- 1*	A325	WASHERS
28	- 1⅛*	A490	x 5½
28	- 1⅛*	A325	WASHERS

REVISED
DATE ____ BY ____
DATE ____ BY ____
DATE ____ BY ____
DATE ____ BY ____
DATE ____ BY ____

OPEN HOLES
PAINT NONE
ERECTED BY
FIELD PAINT
INSPECTION

7 WORLD TRADE CENTER
MOMENT GIRDER - 2ND FLR. S. ELEV. (CORE)
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 F.R.
MADE BY K.B.N DATE FEB/85 CHK'D. BY D.I DATE FEB 85
CONT. No. 84-15 SHEET 458