45-0½ W.P./W.P.

44'-11 15/16" ON ℄

(F/S) 1'-9 7/16 | 11'-6 5/16 | 7'-9 5/8 | 7'-9 3/8 | 7'-9 5/8 | 7'-9 5/8 | 2'-3 15/16

(N/S) 9'-0 3/16 | 9'-0 3/16 | 9'-0 3/16 | 9'-0 3/16 | 8'-11 3/4

1'-1¾ X 4¾ CUT T&B FLG.

WP ℄ BEAM @ FACE OF FL

R.D.

8'-11¼ | 11'-5 15/16 | 17'-11 7/16 | 19'-3 9/16 | 27'-0 15/16 | 26'-11 5/8 | 34'-10 9/16 | 35'-11 13/16 | 42'-8 3/16 | BLK. FLUSH 8½ T&B FLG.

END OF BEAM

1-L 4x4x3/8 x 6 (BENT) ha (N.S.) 1-PL pb (F/S)

1-PL 4½x3/8 x 1'-4¼ pa (F/S)

1-PL pa (F.S.)

1-L ha (N.S.) 1-L aa (N.S.) 1-PL 4½x3/8 x 1'-6½ pb (F.S.)

1-L 7x4x3/4 x 8 aa LLV (N.S.)

8 SPS @ 3 = 2'-0 4½

WEST

1-L 4x3x5/16 x 2'-2½ - hb (N/S) BENT

1-L 4x3x5/16 x 2'-2½ - hc (F/S) BENT

2-7/8ϕ x 2 2-7/8ϕ x 2½ 6-7/8ϕ x 2¼

1-PL 9 x 3/8 x 2'-3 - PC

A4498 ONE - W 36½ x 12 x 5/8 @ 160 x 44'-10 5/8 (A572 GR 50) P 187/18 (P.I.E)

DIV. 4803

SECTION A-A

SECT. G-G (ENLARGED)

SECTION B-B SECTION C-C SECTION — & D1-D1 SECTION — E-E

FIELD BOLTS (A325F)
8 - H.T. BOLTS 7/8ϕ x 2
28 : 7/8ϕ x 2¼
8 - 7/8ϕ x 2½

MATERIAL G40.21-44W U/N
E70 SERIES ELECTRODES
REF. DWGS: E48, 901, (9187)

REVISED			
DATE	BY	OPEN HOLES	15/16ϕ U/N
DATE	BY	PAINT	NONE
DATE	BY	ERECTED BY	
DATE	BY	FIELD PAINT	
DATE	BY	INSPECTION	

BEAM (ROOF)
7 WORLD TRADE CENTER
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 HSS DATE JAN/24/05 CHKD. BY D.Z. DATE 2/8/05
CONT. No. 84-153 SHEET 4198