A1542

2-℄ S 15½ × 1½ × 4'-1½ K763

2-℄ S 10 × ⅝ × 1'-2 B764
2-1"ϕ HT BOLT × G (A490)
2-1"ϕ WSH (A325) (WRENCH TIGHT)

1-℄ hc (BENT)

1-℄ 12½ × 1¾ × 1'-4 px (FS)

1-Lac (NS)

1-W35⅞ × 16½ × ¾ × 230 × 4'-3⅜ mb (ONE) (A36) (CUT B784) (P1E) (P2G/4)

1-℄ hb (BENT)
1-℄ pb
1-℄ pc
(NS)

1-ma (BEV C 1E)

1-℄ pd^R (FS)
1-Lab (ONT)
1-Lac (NS)

1-℄ pg (FS)

1-℄ ha (BENT)

1-℄ pd^L (FS)

1-Laa (NS)

1-℄ pk (FS)

GA = 5½

1-BENT ℄ ha

1-BENT ℄ hb

1-L 6 × 4 × ⅝ × 7'-3¾ aa (NS)

56-⅞" (1"ϕ)
6-G (1"ϕ)

BOTH FLG'S

NO WELD

MILL

EL 51'-6 (15TH FND FL)

EL 503'-9 (16TH FND FL)

EL 491'-0 (15TH FND FL)

ONE - W14 × 730 (W22⅜ × 17⅞ × 3/16 × 730) (M12E) (℄ 12/3) (A36)

A1540 (DW 1712)

1'-1¼ 12 3½ G 5½ 5 ℄ 16½ × 1'-8 × 3'-9 - pd^R (CUT TO FIT) (P1E)

3'-4⅜ 9@3 = 2'-3 1'-3½ 1'-1⅞ pk mb pp

L3 × 3 × ⅜ × 1'-4 ab

L3 × 3 × ⅜ × 8 ac

2'-10¼ 3'-8⅜

SECT A-A

4-⅞ϕ × 2

HL^S 15/16 ϕ (⅞ϕ A490)

3 3½ 2¼ 3@3 = 9 3½ W16 × 26

℄ 4⅜ × ⅜ × 1'-0½ pk

SECT H-H

℄ 8 × ½ × 11¼ hc (BENT) (BEV CUT)

4½ 12 3½ 7⅞ 4 aa

SECT K-K

1'-1¼ 12 3⅜ C ℄ pd^L

3'-4⅜ 9@3 = 2'-3 1'-3½ 1'-2 1'-0½

℄ 14½ × ¾ × 3'-1⅜ pg P.1.E.

pp mb

SECT B.B

Slot Hole ⅞ × 2

4½ 12 2½ 9 4 ¾ aa

℄ 8 × ½ × 1'-0½ ha (BENT) BEV. CUT

SECT D.D

pg 12 12 ¼ ℄ COL

1'-2 2½ 1" RAD (TYP)

20-5 (1"ϕ) pd^R pp 5/16 45° 2¾ 3@3 = 9 pg

8-3½ (1"ϕ) 1'-1½ HL^S 1" ϕ

20-4½ (1"ϕ) pd^L 5/16

SECT C-C

4½ 12 5/16 3/8 TYP BOTH FLG'S ½ TYP BOTH FLG'S

8⅛ 8⅛ 1'-1⅞

(W250 × 73) (300W)
W10 × 10 × 9/16 × 49 × 1'-1⅞ (out) ma
(CUT 1'-3⅝) (BEV CUT 1E)

℄ 17½ × ½ × 2'-0½ hb (BENT)

℄ 5 × ⅜ × 6½ pc

℄ 6½ × ⅜ × 10½ pb

3¼ 1'-0¾ 1⅜ 9½ 3⅝

SECT G-G

SHOP NOTES

MATERIAL G40.21 - 44W ⁴⁄₉W
USE E70 XX ELECTRODES
REF DIAGS E16, E17, 9107, 9109, E118A, E117, CM-1

DIMENSIONS SHOWN IN BRACKETS ARE BASED ON ACCURATE COL SIZES

SHOP SCRIBE VISIBLE ℄ ON BOTH FLGS & B/S WEB TOP & BTM.

FIELD BOLTS

16 - 1"ϕ HT BOLT × 3¼
40- × 4½
40- × 5
56- × 8¾
} A490
158 - 1"ϕ WASHER (A325)

8 - ⅞ϕ H.T. BOLT × 2 (A325)

FOR 1"ϕ A490 BOLTS

REVISED:			
DATE ___ BY ___	OPEN HOLES	1 1/16 ϕ ⅛	COL 1 (TIER 9) (ZONE 2)
DATE ___ BY ___	PAINT	NONE	7 WORLD TRADE CENTER
DATE ___ BY ___	ERECTED BY		TISHMAN CONSTRUCTION CUSTOMER
DATE ___ BY ___	FIELD PAINT		EMERY ROTH & SONS P.C. ARCHITECT
DATE ___ BY ___	INSPECTION		IRWIN G. CANTOR P.C. ENGINEER

FRANKEL STEEL LIMITED
220 ATTWELL DRIVE - UNIT 1 REXDALE, ONTARIO

SQUAD: FR
MADE BY HL DATE APR 85 CHKD. BY OW SHIP NONE
CONT. No. 84-152 SHEET 1541

June 24/85