A1537

1'-10½ ±⅛

1-PL 15½ × 1¼ × 3'-7½ G763

2-PL⅜ 10 × 5⅝ × 1'-2 B764
2-1"ϕ HT BOLTS × G (A490)
2-1"ϕ WSH (A325) (WRENCH TIGHT)

HL 2 ϕ DRILLED

NO WELD

3 6 3 3 3

2 6 2

12 m 3 @ 3" = 9"

3⅛

PK (FS)

5/16 EFFECTIVE

1-PL hc (BENT)
1-PL pb
2-PL⅜ pc

1-Laa (NS)

1-PL ha (BENT)

PL pk (BOTH FLGS)

1-PL 12½ × 1¾ × 1'-4 · pk
1⅛ DRILLED HOLE

MILL

EL 542'-0 (19TH FINISH) 3'-6

18-3¾ (1ϕ)

1-PL B751
2-1"ϕ HTB × 3¾ (A490)
2-1"ϕ WSH (A325) (WRENCH TIGHT)
(SHIP B.B.)

HL 1 IN BM FLGS (1"ϕ A490)

P.P. 5/16 45°

GA = 5'2

1-Laa (NS)

1-PL hc (BENT)
1-PL pb
2-PL⅜ pc

1-PL pg (FS) (F1 SIDE)

1-PL pdL

1-Lab (ant)

1-Lac (NS)

1-PL hb (BENT)

1-PL pdR (FS)

1-ma (BEV C.E.)

ha
hb
hc
pb
pc
ma
ac
ab
aa

1'-0

23'-0½

22'-9½

21'-6½

19'-5

18'-5⅛

7@3 = 1'-9

W36 × 210

3'-11⅞

1'-5¹¹/₁₆

5/8

(22'-0)

21'-6½

5½

4½

5@3 = 1'-3

A

B

C

D

E

F

G

HL 1¼ ϕ (1"ϕ A490)

3'-6⅞

GA = 5'2

10-3½ (1ϕ)

2-PL⅜ D750
2-1"ϕ HTB × 3½ (A490)
2-1"ϕ WSH. (A325) (SHIP BACK) (WRENCH TIGHT) BOLTED

1-PL ⅜ × 7⅛ × 3'-1½ B751
2-1"ϕ HT BOLTS × 3¾ (A490)
2-1"ϕ WSH (A325) (SHIP BACK) (WRENCH TIGHT) BOLTED

18-3¾ (1ϕ)

1-W35⅞ × 16½ × ¾ × 230 × 2'-11⅜ mb
(A36) (CUT A785) (PIE) (ON ℄)
(P36/17)

1-Laa (NS)

(2'-9³/₁₆)

7

3'-8⅜

(1'-7¹¹/₁₆)

2'-6⅞

4@3 = 1'-0

10

4@3 = 1'-0

4

12'-0

1-PL hb

1-LG × 4 × 5/16 × 7¾ aa (NS)

6

4

3/4 SLOT

2 × ⅞ SLOT

3

11'-0⅜

10'-0⅜

1'-9⅞

5⅛

7'-

0⅞

1-PL hc (BENT)
1-PL pb
2-PL⅜ pc

1-ma (BEV C.E.)

1-PL pdR (FS)

1-Lab (ant)

1-Lac (NS)

1-PL pg (FS) (F1 SIDE)

1-PL pdL (FS)

8'-9½

3'-6⅞

18-3¾ (1ϕ)

1-PL B751
2-1"ϕ HTB × 3¾ (A490)
2-1"ϕ WSH (A325) (WRENCH TIGHT)
(SHIP B.B.)

HL 1 INCH FLGS

1"ϕ A490

10-3½ (1ϕ)

2-PL⅜ D750
2-1"ϕ HTB × 3½ (A490)
2-1"ϕ WSH (A325) (WRENCH TIGHT)
(SHIP B.B.)

1-PL B751
2-1"ϕ HTB × 3¾ (A490)
2-1"ϕ WSH (A325) (WRENCH TIGHT)
(SHIP B.B.)

18-3¾ (1ϕ)

1-W35⅞ × 16½ × ¾ × 230 × 2'-11⅜ mb
(CUT A785) (PIE) (A36) (ON ℄)
(P36/17)

(2'-9³/₁₆)

7

3'-8⅜

(1'-7¹¹/₁₆)

1'-10⅜

4@3 = 1'-0

10

4@3 = 1'-0

2'-6⅞

4⅛

1-LG × 4 × 5/16 × 7¾ aa (NS)

6

4

3/4 SLOT

2 × ⅞ SLOT

3

11'-0⅜

10'-0⅜

7'-

0⅞

1-PL hc (BENT)
1-PL pb
2-PL⅜ pc

1-ma (BEV C.E.)

1-PL pdR (FS)

1-Lab (ant)

1-Lac (NS)

1-PL pg (FS) (F1 SIDE)

1-PL pdL (F6)

8'-9½

5'-8⅛

1-PL hb (BENT)

3 6 3 BOTH FLG'S

NORTH

4@3 = 1'-0

3½

MILL

HL 5 ϕ 1⅛

40-8 (1"ϕ)
6-6 (1"ϕ)

EL 529'-3 (18TH FINISH) (5'-3)

EL 516'-6 (1ST FINISH) 3'-6

2

3 3

A1535

ONE - W14 × 730 (W22³⁄₈ × 17⅞ × 3'6 × 730)

25'-6 (M2E) (P12/3) (A36)

A1536 (DIV 1916)

1-PL 12½ × 1¾ × 1'-4 · pk
1⅛ DRILLED HOLE

1¼ 6¼

1'-½

1"

1"

SECT. E-E

PL⅝ × ½ × 1'-1⅛ · hb (BENT)
(BEV. CUT)

⅞ × ½ SLOT.

9/16

4¼

12

5/16

5/8

SECT D-D

9/16

⅞ × ½ SLOT.

5/16

12

4½

6 4

8⅛

PL⅝ × ½ × 11⅞ ha
(BENT.)
(BEV. CUT)

D750

B751

PL⅝ × ½ × 1'-1⅛ · hb (BENT)
(BEV. CUT)

mb

L3 × 3 × ⅜ × 1'-4ab

L3 × 3 × ⅜ × 8ac

1'-2⅜

4¹¹/₁₆

12

8@3 = 2'-0

1'-3½

2'-11¼

3'-0⅛

PL 6¼ × 1 × 3'-6 - pdR
(CUT TO FIT) - PREP

7/8 45° P.P.

3/8

5/16

3/4

SECT A-A

1'-2⅜

4¹¹/₁₆

12

8@3 = 2'-0

1'-3½

1'-1½

11/16

3'-0

pdL

7/8 45° P.P.

3/8

5/16

PL 13¾ × 8¼ × 3'-1 1/16 pg
(PREP 1 SIDE)

SECT B-B

W250 × 73 (300W)
W10X10 × F_y 49 × 1'-3 (ont) ma
(CUT 1'-4³⁄₈) (BEV CUT IE)

4½

1'-3

1'-3½

3½

PC

PL⅜ × 6½ × 10½ pb

PL 1½ × ½ × 1'-8 hc (BENT)

PL 5 × ⅜ × 6½ pc

SECT G-G

1'-2

11⅞

18-4¾ (1ϕ)

1" RAD TYP.

pdR

5/8

7@3 = 1'-9

HL 1 1/16 ϕ 1"ϕ A490

8-3¼ (1ϕ)

11/16

pg

pdL

18-4 (1ϕ)

SECT C-C

SHOP NOTES

MATERIAL G40.21-44W Y/N
USE E70XX ELECTRODES
REF DIAGS. E18, E19, E117, 5104, 5108, E118A AND C41

DIM'S SHOWN IN BRACKETS ARE BASED ON ACCURATE COL. SIZES

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

FIELD BOLTS

36-1"ϕ HT BOLTS × 4¾
16- × 3¼
36- × 4
72- × 3¾
20- × 3½
8- × 6
40- × 8
A490

226-1"ϕ WASHER (A325)

For 1"ϕ A490 BOLTS

REVISED			
DATE	BY	OPEN HOLES	1⅜ϕ 1¼ϕ
DATE	BY	PAINT	NONE
DATE	BY	ERECTED BY	
DATE	BY	FIELD PAINT	
DATE	BY	INSPECTION	

COL 15 (TIER 10) (ZONE 2)
7 WORLD TRADE CENTER
TISHMAN CONSTRUCTION — CUSTOMER
EMERY ROTH & SONS P.C. — ARCHITECT
IRWIN G. CANTOR P.C. — ENGINEER

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220 ATTWELL DRIVE UNIT 1 REXDALE ONTARIO
SQUAD FR
MADE BY HL DATE APR 85 CHKD. BY OW JUL
CONT. No. 84-152 SHEET 1536