ONE - W14 x 730 (W22 3/8 x 17 7/8 x 3 1/16 x 730) x 25'-6 (M2E) (P12/3) (A36)

DIV 2101

A1531

A1530

EL. 567'-6 (21ST FLR FIN FL)

EL. 554'-9 (20TH FLR FIN FL)

EL. 542'-0 (19TH FLOOR)

(22'-0)

(0'-3)

12'-9

3'-6

3'-6

W36 3/4 x 210

W36 3/4 x 210

1'-9 7/8

1'-2 1/4

3'-1 7/16

6@3 = 1'-6

3'-6 7/8

1'-2 5/8

1'-2 5/8

5 1/2

5/8

5/8

5/8

1'-0

23'-0 3/4

23'-9 7/8

21'-6 1/2

21'-6 1/2

18'-5 11/16

18'-5 7/16

1/16

pg

pd^R

pd^L

mx

1 1/8 ϕ DRILLED HOLE

No WELD

MILL

BOTH FLGS

3/8 EFFECTIVE.

PL12 1/2 x 1 3/4 x 1'-1 ps

1-PL 15 1/2 x 1 1/2 x 4'-1 1/2 K763.

2-PL 3 10 x 5/8 x 1'-2 B764
2-1" ϕ HTBOLT x G (A490)
2-1" ϕ WSH (A325) (WRENCH TIGHT)

1'-10 1/2 ± 1/16

1 1/16 ϕ HOLES

1-PL hc (BENT)

1-PL ps (FS)

1-La a (NS)

1-PL hb (BENT)
1-PL pb
1-PL pc
(NS)

1-W36 1/8 x 16 1/2 x 1 3/16 x 245 x 5'-0 3/8 mb (ONT)
(A36) (CUT AT 75) (PIE) (PST 7/10)

1-ma (BEV. C. 1E)

1-PL pd^R (FS)

1-La b (ONT)

1-La c (NS)

1-PL pg (FS)

1-PL pd^L (FS)

1-PL ha (BENT)

1-MC-mx

GA 5 1/2

5@3 = 1'-3 4 1/2

(4'-10 5/8)

5'-9 13/16

(3'-9 1/8)

4@3 = 1'-0

4'-8 5/16

1'-1 3/4

1-PL - ha (BENT)

1-L6 x 4 x 5/16 x 9 1/2 aa (NS)

1-W mb (ONT) (CUT AT 75) (PIE) (PST 10)

1-ma (BEV. C. 1E)

1-PL pd^R (FS)

1-La b (ONT)

1-La c (NS)

1-PL pg (FS)

1-PL ha (BENT)

1-PL pd^L (FS)

1-MC-mx

11'-0 7/8

10'-0 7/8

8'-5 1/2

5'-8 1/8

4 1/2

5@3 = 1'-3

8'-5 1/2

(4'-10 5/8)

5'-9 13/16

(3'-9 1/8)

4@3 = 1'-0

4'-8 5/16

1'-10 3/8

4 15/16 SOUTH

BOTH FLGS

3 6 3

6

2 3/4 x 3 SLOT

1 1/2 x 3 SLOT

3/4 x 7/8 SLOT

HL 5/16 ϕ (1" ϕ A490)

6-G (1" ϕ)

48-8 4 (1" ϕ)

SECT A-A

SECT B.B

SECT C-C

SECT D-D

SECT E-E

SECT G-G

SECT M-M

PL 16 13/16 x 7/8 x 3'-2 1/2 pd^R (CUT TO FIT) (PIE)

L3 x 3 x 3/8 x 1'-4 ab

L3 x 3 x 3/8 x 8 ac

PL 14 x 3/4 x 3'-1 6 pg

PL 8 x 1/2 x 1'-0 3/4 ha (BENT)

PL 8 x 1/2 x 11 hc (BENT)

9 MC x 25.4 x 9-mx (A36) 217/2

7-3 4 (1" ϕ) (1" ϕ A490)

16-4 1/2 (1" ϕ)

16-4 (1" ϕ)

1" RAD (TYP)

W250 x 73 (300W)
W10 x 10 x 5/8 x 49 x 1'-8 5/8 (ONT) ma
(CUT 1'-9 3/8) (BEV CUT. 1E)

PL 17 2 x 2 x 2'-3 4 hb (BENT)

PL 5 x 3/8 x 6 1/2 pc

PL 6 1/2 x 3/8 x 10 1/2 pb

SHOP NOTES

MATERIAL G40.21 - 44W Y/N
USE E70 XX ELECTRODES
REF DIAGS E20, E21, E117, 9113, 9136, E118A & CW-1

DIMENSIONS SHOWN IN BRACKETS ARE BASED ON ACCURATE COL SIZES

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

FIELD BOLTS

14 - 1" ϕ HT BOLT x 3 3/4 } A490
32 - x 4
32 - x 4 1/2
6 - x 6
48 - x 8 3/4
132 - 1" ϕ WASHER (A325)

FOR 1 1/16 ϕ A490 BOLTS

July 5/85

REVISED			
DATE	BY	OPEN HOLES	1 1/16 ϕ X
DATE	BY	PAINT	NONE
DATE	BY	ERECTED BY	
DATE	BY	FIELD PAINT	
DATE	BY	INSPECTION	

COL. 28 (TIER 11) (ZONE 2)
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 5B8

SQUAD FR
MADE BY HL DATE APR 85 CHKD. BY OM DATE JUL 5
CONT. No. 84-152 SHEET 1531