1-PL 19 x 1 x 2'-0 - pbx (44W) (1)
OUTSIDE SURFACES OF PLS TO BE SQUARE & TRUE (MACH. & TAPER IF NECESSARY)

40'-0 | 6'-9 | 10"
15'-0 | 13'-5
1'-0 | 3'-3 | 5'-0 | 4'-2

6-7/8Φ x 2 1/2
aa R (TYP.) 3/4
mb
41'-8 3/4
33'-5 3/4 | 36'-8 3/4 | 39'-8 3/4 | 4'-0
32'-5 3/4 | 34'-8 3/4 | 4'-0
1'-0 | 2'-0 | 1'-0 | 1'-0 | 2'-0 | 1'-0
45'-10 3/4
TYP 5/16
A TYP 5/16
15/16 Φ HLS.
5/8 RET. @ TOP
52'-3 3/4 | 52'-7 3/8 | 52'-7 3/8 | 52'-7 3/4
PY
1'-4 | 8 | 1'-4
5/16 x 2
5 1/2 | 8 | 5 1/2
C

1-PL 30 x 5 x 52'-10 - pa
1-PL 15 x 1 x 2'-5 - pm (N/S) (SEE DETAIL)
2'-7
5/16
CON'D FROM DWG. 557
1'-2
2-PLS 4 x 1 x 4'-0 - px (1-N/S, 1-F/S)
2-PLS px (1-N/S, 1-F/S)
3'-0
1'-0
1'-0
3/4
4 1/2
2-LS 4 x 3 x 3/8 x 10 - aa R (N/S & F/S) (44W)
2 PLS 6 x 1/2 x 1'-9 1/2 - py (1-N/S, 1-F/S) (44W)
pad
9-2
SHOP MAINTAIN
8-2
1-PL 98 x 2 x 1'-5 - pd
2-PL 11 x 1 x 2'-10 - pah (1/NS & 1/FS)
3/8 TYP.
60 Φ HOLE IN PL-pg
24 Φ HOLES
12'-5
1/2
1-PL 98 x 3 x 21'-0 - pg (64/9)
9/16 45° | 5/16 0° 45° TYP.
8'-7
TYP 5/16
1'-0
F.I.T. mb
1-PL 30 x 5 x 21'-0 - ph (64/10)
GA.-8
5 1/2 | 5 1/2
2-WT 17 5/8 x 10 3/4 x 2 13/16 x 8'-2 - mb (CUT FROM W14 x 665) (109/5)
45-6 3/4 | 8
2-WT. 17 3/8 x 10 3/8 x 2 5/8 x 8'-2 - ma (CUT FROM W14 x 605) (109/8)
1-PL pbx (ON ℄) (SEE NOTE ABOVE) (1)
2-PL 14 x 3/4 x 1'-8 - pab (1-N/S, 1-F/S) (44W)
52'-7 5/16 | 5/16
52'-4 | 7 1/2 | 3/4
15'-0 | 21'-0
53'-5 3/4
53'-10 1/2 O/E
2" WEB ℄ | 3" WEB ℄
(DWG. 999)
1-PL 30 x 5 x 15'-8 - pf (1)

1-PL 12 x 1 x 3'-6 - pad (44W)
(4'-8)
13/16 Φ HLS. FOR 1Φ A490 BOLTS
14-1Φ x 3
40
ma
pg
11/16 45° | 5/16 0° 45° TYP.
TYP 5/16
9 @ 4 = 3'-0
2 | 1'-4 | 1'-4
pa | pbx | py
TYP 3/8
FIT ma
1'-5 3/4
3 3/8 x 3 x 9/16
1'-10
2'-11 11/16
D
1'-5 3/8
8'-2
22-4 5/8 PIP
5/8
3'-0 13/16
1'-9 11/16
4'-0 11/16
1-PL 248 x 1 x 3'-6 - paf (44W)
8-1Φ x 4 1/2
11/8
TYP 3/4
TYP 5/16
ph
1-PL 10 3/4 x 3/4 x 1'-9 - pac (44W)
pac
pab
9 | 3 3/8 | 3 3/8 | 2
10 1/2 | 10 1/2
1'-9 (+1/16 -0)
13/16 Φ HLS. (FOR 1Φ A490 BOLTS)
3-1Φ x 5
16-1Φ x 6 1/2

- VIEW C-C -

FIELD BOLTS
6 - 7/8Φ A325 x 2 1/4
6 - 7/8Φ A325 x 2 1/2
14 - 1Φ A490 x 3
44 - x 3 3/4
16 - x 4 1/2
3 - x 5
16 - x 6 1/2
93 - 1Φ A325 WASHERS

MAT'L - A36 U/N
ALL 1Φ A490 BOLTS TO HAVE 2 WASHERS
E70 SERIES ELECTRODES
REF. DIAG. E7, E123

SEE DWG. 999 (1)
DETAIL 'A'
pah
2 RAD. RAT HL.
pc
pf
DETAIL 'B'
RAT HL. 2 RAD.
ph
15'-0
15'-7 15/16 P/P
21'-0

7 1/2 | 1'-2 | 7 1/2
4 | 7 | 7 | 7 | 4
7 1/2
7 1/2
7
4
7 Φ HLS.
DETAIL OF PL-pm

May 3/85 R
Apr 11/85 R
Apr 8/85
WORK THIS DWG WITH DWG. 557

REVISED			
DATE	BY	OPEN HOLES	1 13/16 STD
DATE	BY	PAINT	NONE
DATE	BY	ERECTED BY	
DATE MAY 3	BY JM	FIELD PAINT	
DATE APR. 9	BY SF/BF	INSPECTION	

7 WORLD TRADE CENTER
MG 27 - 7TH FLOOR AT COL. 50A
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 MARCH 1985 CHKD. BY D.I. DATE APRIL 85
CONT. No. 84-15 SHEET 557A