TOS EL. 321'-0 8/16 (2ND FLR) (E2) | TOS EL. 334'-0 (3RD FLR) (E3) | TOS EL. 348'-0 (4TH FLR) (E4) | TOS EL. 361'-7 (5TH FLR) | 40'-2 3/16 EL. 366'-3

12'-11 3/16 | 14'-0 | 13'-7 | 4'-8

5'-0 | 7'-11 3/16 | 7'-11 3/16 | 21'-11 3/16 | 35'-6 3/16

MILL | MILL

W24 8 x 84 | W14 8 x 99 | W14 8 x 99

W12 x 19 (TS WEB) | W12 x 19 | W27 x 161

W14 8 x 99

SHOP MATCH A7 | SHOP MATCH A8

"SOUTH"

TYP | TYP | TYP

NO WELD (TYP)

INTERRUPT WELD 1/2 WHERE WELD CHANGES PLANE

PW

SLOT 1/8 x 1 3/8

3/4 CUP (TYP)

SECT. "A-A"

SECT. "B-B"

SECT. "C-C"

A2 (2nd LIFT)

1-W 21 5/8 x 17 5/8 x 2 13/16 c 665 x 40'-2 3/16 (M?E) A36 (P1074)

DIV. 15

10 - 1φ x 4	
10 - 1φ x 3 1/2	
3 - 1φ x 3	
34 - 1φ x 6 3/4	
10 - 1φ x 4 1/4	

20 - 1φ x 4	
20 - 1φ x 3 1/2	
14 - 1φ x 2 3/4	
6 - 7/8φ x 4 1/2	

10 - 1φ x 4	
10 - 1φ x 3 1/2	
3 - 1φ x 3	
8 - 1φ x 4 1/4	
18 - 1φ x 5	

6 - 1φ x 3 1/2

28 - 1φ x 4	⚠
28 - 1φ x 3 1/2	⚠
6 - 1φ x 2 3/4	
10 - 1φ x 4 1/4	⚠

16 - 7/8φ x 6 1/2 + EXTRA WASH

6 - 7/8φ x 4 3/4

FIELD BOLT SUMMARY:

34 - 1φ A490 x 6 3/4		16 - 7/8φ A325 x 6 1/2
18 -	x 5	6 - x 4 3/4
⚠ 10 -	x 4 3/4	10 - x 4 1/2
18 -	x 4 1/4	
⚠ 68 -	x 4	16 - 7/8φ A325 WASH.
⚠ 74 -	x 3 1/2	
6 -	x 3	
⚠ 17 ~~20~~ 25 -	x 2 3/4	
⚠ ~~28~~ 25 - 1φ A325 WASH.		
⚠ 6 - 1φ A490 x 3 1/4		

Mar 14/85 R FEB 26/85

⚠ ALL 1φ A490 BOLTS TO HAVE 2 WASHER

DETAIL MATERIAL G40.21 Gr 44W 4/N

E70 SERIES ELECTRODES

REF. DIAG. E3, E4, E5, 933

⚠ REVISED CONN.

⚠ APPROVAL

1φ A490 BOLTS ⚠

REVISED			
DATE	BY	OPEN HOLES 3/16φ 4/N	7 WORLD TRADE CENTER
DATE	BY	PAINT	47 STORY OFFICE BUILDING
DATE 3/14/85	BY JHN	ERECTED BY	TISHMAN CONSTRUCTION CUSTOMER
DATE 2/20/85	BY EN	FIELD PAINT	EMERY ROTH & SONS P.C. ARCHITECT
DATE 2/5/85	BY EN	INSPECTION	IRWIN G. CANTOR P.C. ENGINEER

FRANKEL STEEL LIMITED
220 ATTWELL DRIVE UNIT 1 REXDALE, ONTARIO M9W 5B2

SQUAD FR
MADE BY ELN DATE 12/3/84 CHKD. BY AS DATE 12/84

CONT. No. 84-15 SHEET 2