TOS EL. 334'-0 (3RD FLR) (E3) | TOS EL. 348'-0 (4TH FLR) (E4) | TOS EL. 361'-7 (5TH FLR) (E5) | EL. 366'-3

14'-0 | 10'-0 | 13'-7 | 4'-8

4'-0 | 10'-0 | 23'-7 | 28'-3

MILL | 3@3=9 | W14x99 | 5/8 | 1/16 | 8'-9 13/16 | 1'-2 13/16 | Pa | pb | pa | TYP 5/16 | 1/4 | 2 3/4 | 5 1/2 | 2 3/4 | 1/4 | 11/2 | 5 3/4 | 5 3/4 | ϕ HLS. 15/16

(5/8 WEB) W30x108 | 8'-4 1/2 | 5@3=1'-3 | 4 1/2 | 9'-1 7/8 | 3 3 | 4 1/2 | 1-PL 4 3/4 x 1/2 x 10" pb | 1-PL- pa | ϕ HLS. 1/16 | 1-PL 10 x 1 x 1'-4 3/4" pa | 4@3=1'-0 | 3'-2 1/2 (2'-4 3/8) | 2'-3 (1'-4 3/8) | TYP 1/2 (2) | "SOUTH" | 1-L 3x3x1/4x8" aa (5/8) | 1-L 3x3x1/4x6" ab (5/8) | 1'-8 3/4 | 1'-10 3/8 | 6 | 4 | ϕ HLS. 15/16 | 1-PL- pa | ϕ HLS 1/16 | 1-PL- pb | 1-PL- pa | (aa) 9'-1 7/8 | 4@3=1'-0 (2) | 2'-10 | 2 3 | SHOP MATCH @ NODE A1 (BELOW) | 40 | 3 3

10-1ϕx4 | 10-1ϕx3 1/2 | 3-1ϕx3 | 18-1ϕx4 1/2

20-1ϕx4 | 20-1ϕx3 1/2 | 6-1ϕx2 3/4 | 12-7/8ϕx4 1/2

2 3@3=9 | W14x99 | 1/16 | 5/8 | 8'-9 13/16 | 1'-2 13/16 | pa | pa | pa | pb | ab | 1/4 | 2 3/4 | 5 1/2 | 2 3/4 | 1/2 | 11/2 | 5 3/4 | 5 3/4 | ϕ HLS. 15/16 | 10'-0

10-1ϕx4 | 10-1ϕx3 1/2 | 3-1ϕx3 | 18-1ϕx5 | 8-1ϕx4 1/2 | 10-7/8ϕx4 1/2

W14x99 | 7/8 | 7 | 5/8 | 1/16 | 22'-4 13/16 | 1'-2 13/16 | (5/8 WEB) W27x94 | 22'-4 | 4@3=1'-0 | 3 | 19'-10 3/4 | 6'-0 1/8 | 3'-1 1/4 | 1'-11 1/4 | 7 | 1-PL 7 3/4 x 1/2 x 9 1/2" pf (5/8) | 1'-2 | 1'-2 1/16 | 1'-8 13/16 | 2'-10 7/8 | 22'-8 7/8 | 4 1/6 | 3 | 3 | A | ϕ HLS 1/16 | * INTERRUPT WELD 1/2 ⚠1 WHERE WELD CHANGES PLANE | 1-PL 12 x 1 x 3'-6 3/8" pd | 1-PL- pd | 5/16 | 1-PL 25 1/2 x 1 x 7'-0" pc (ONE) | 8 11/16 (16:9) 12 | 2 3/4 | 2 3/4 | 4@3=1'-0 | 3'-2 1/2 (2'-4 3/8) | 2'-3 (1'-4 3/8) | 5/16 | 2 | 1'-4 3/4 | 2'-10 | 2-L 3x3x1/4x12'-2" ac | 1'-4 1/16 | B | 28'-5 | 3 | 4 | 3 | 2 1/2 | ϕ HLS. 15/16 | 1-PL- ps (ONE) | 1'-3 | 1'-2 | 2'-1/8 | SHOP MATCH A54 | 2'-3 1/2 | 1'-8 3/8 (1'-6) | 2'-1/8 | 1-PL 10 x 5/8 x 1'-2" pt (5/8) | 6-BOLTS 7/8ϕ A325 x 4 1/2 (WRENCH TIGHT) | 1-PL 14 1/2 x 5/8 x 2'-1/2" ps (ONE) | 3@3=2'-0 | 2'-10 | 1'-4 1/16 | 1'-4 3/4 | 2-L 3x3x1/4x2'-8" ac | 2'-10 | 3@3=2'-9 | 2 | 1-PL- pf (5/8) | 1-PL 3 1/2 x 1 x 8'-0 1/2" pg (ONE) | 16'-10 10/16 12 | 8 8 | 16'-9 1/4 12 | 8 11/16 | 1-PL 12 x 1 x 4'-1 3/8" ph | 1-PL- ph | ϕ HLS 1/16 | A | 4 1/6 | 3 | 3 | 22'-8 | 22'-4 1/6 | 1'-2 13/16 | 7 | 2'-9 | 1'-2 | 1'-2 1/16 | 1'-8 13/16 | 3'-11 | 2'-10 7/8 | 6'-9 7/8 | 19'-1 | 7 | 5/8 | W14x99

16-7/8ϕx6 + EXTRA WASH. | 6-7/8ϕx4 1/2

3@3=1'-0 | 1/8 SLOT | 3'-2 1/2 (2'-4 3/8) | 2'-1/8 | pd | ac | TYP 5/16 | ac | TYP 1/16 | aa | TYP 5/16 | 2 | 4 | 3/4 | 3/4 | 2 3/4 | 2 3/4 | CUP 3/4 x 1/8 (TYP) | 3'-9 1/2 (2'-1 3/8) | 2'-8 3/8 | ab | TYP 1/16 | ad | ad | TYP 5/16 | ph | 5/8 SLOT | 3@3=1'-0 | 3/4 | 5 1/2 | 3/4 | 2 3/4 | 2 3/4

SECT. "A-A"

FIELD BOLT SUMMARY:

18 - 1ϕ A490	x	5
26 -	x	4 4
40 -	x	4
40 -	x	3 1/2
6 -	x	3
6 -	x	2 3/4
16 - 7/8ϕ A325	x	6
6 -	x	4 1/2
22 -	x	4 4
16 - 7/8ϕ A325 WASH.		
136 - 1ϕ A325 WASH.		

FEB 28/85 R
FEB 18/85

40 A40 (3RD LIFT) (DIV. 2)

ONE - W20 1/4 x 17 1/4 x 2 3/8 @ 550 x 28'-3 (MAE) (A36) P10/6

37 ⚠2

SECT. "B-B"

ac.ad. | pd.ph. | pc.pg. | ac.ad. | TYP 1/4 2-6 | 7/8

23'-7 | EL. 361'-7 | 23'-6 3/4 | 1/4 | aa | ab

SECT. "C-C"

⚠1 ALL 1ϕ BOLTS TO HAVE 2 WASHERS.

DETAIL MATERIAL: G40.21 (44W)
E70 SERIES ELECTRODES
REF. DIAG. E4, E5, E120, 926

1ϕ A490 BOLTS ⚠1

REVISED			
DATE	BY		
DATE	BY		
DATE	BY		
DATE Feb 28	BY JM	Div. ⚠2	
DATE 2/4/85	BY ELN	⚠1	

OPEN HOLES	136 7/8ϕ 4/M
PAINT	
ERECTED BY	
FIELD PAINT	
INSPECTION	

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
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 FR
MADE BY ELN DATE DEC'84 CHKD. BY D.I. DATE JAN 85
CONT. No. 84-15 SHEET 40

NEBRIJA '84