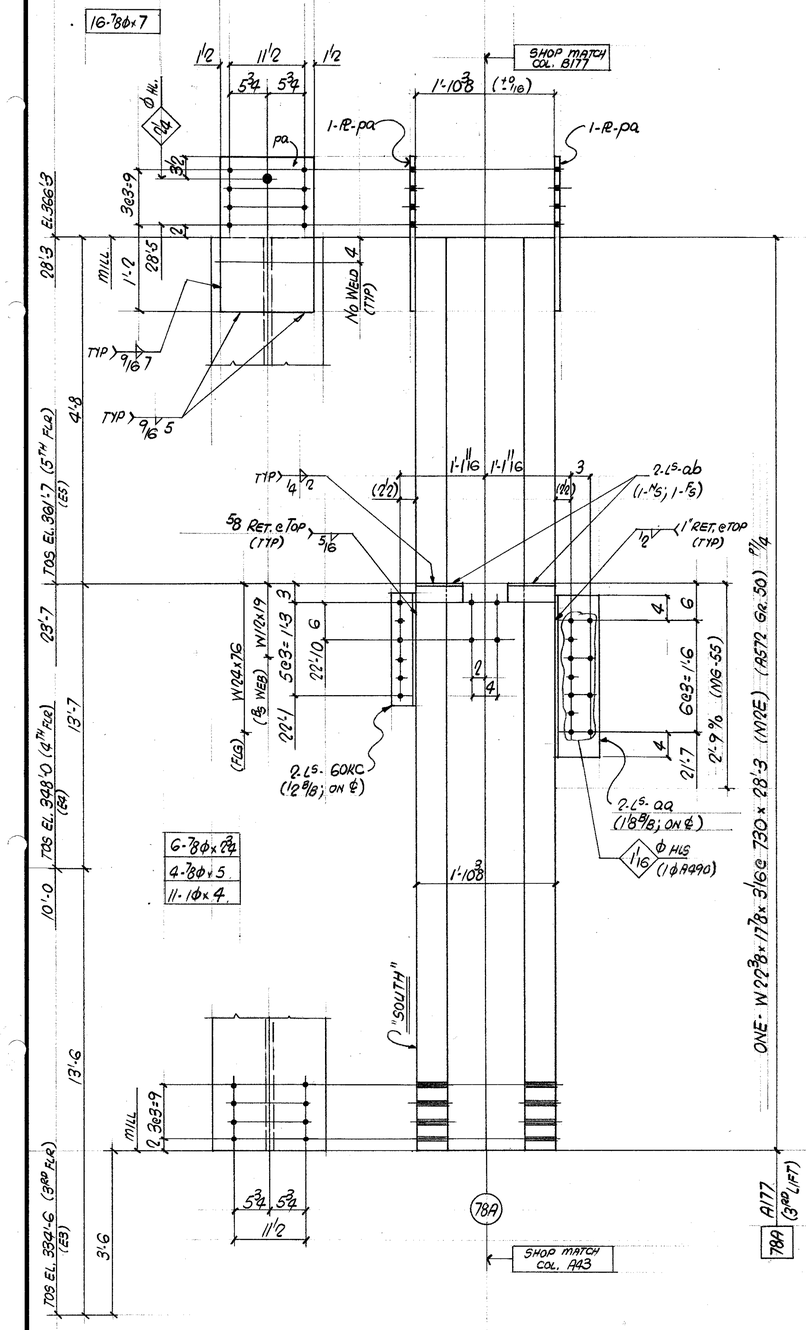


ALL 1ϕ A490 BOLTS TO HAVE 2 WASHERS
DETAIL MATERIAL G40.21 (44W) U/N
E70 SERIES ELECTRODES
REF. DIAG. E4.E5, E6.E7, E123, E17A

FIELD BOLT SUMMARY

4-	1ϕ A490 x 7¾	9
11-	x 4	
9-	x 3½	
24-	1ϕ A325 WASH.	
16-	78ϕ A325 x 7	
4-	x 5	
4-	x 4½	
10-	x 2¾	

BILL OF MATERIAL

LINE	COOSDE	COMMX SHIP DIVN.	PIECE MARKS MAIN MAT'L.	PIECE MARKS DETAIL MAT'L.	NO. OF PIECES	MATERIAL DESCRIPTION PL	WIDTH Inch	WIDTH 16th	X PLATE ONLY	THK. In.	THK. 16th	GRADE CODE	DOOR	FINISHED LENGTH Feet	FINISHED LENGTH In.	FINISHED LENGTH 16th	PAGE	LINE	REMARKS
01				FOO1															
02				PA	2	PL	14	8	x	0	10	44W		2	1	0			
03																			
04				AA	2		L	7	x 4 x ⅝			↓		2	2	0			
05				AB	4		L	3	x 3 x ¼					0	7	8			
06				60KC	2		L	4	x 3 x ⅜			44W		1	5	8			
07																			
08					1	IF	¼							1	4	0			
09					1	IF	5/16							3	0	0			
10					1	IF	½							4	5	0			
11					1	IF	9/16							4	0	0			
12																			
13	0026	A177			1	W	14	x 730				A572 Gr.50		28	3	0	7	4	M12E. 004
14																			
15																			
16				FOO1															
17				PB	2	PL	14	8	x	0	5	44W		1	4	8			
18				PC	1	PL	30	0	x	1	0	44W		2	6	0			
19				PD	4	PL	3	8	x	3	0	44W		2	0	8			M1E.
20				AB	2		L	3	x 3 x ¼			44W		0	7	8			
21				AC	2		L	4	x 4 x ½			44W		2	3	8			
22				AD	1		L	3	x 3 x ½			44W		0	11	0			
23				40KC	2		L	4	x 3 x ⅜			44W		0	11	8			
24																			
25					4	HT	BOLT 7⅞ x 6¼					325							
26			TOTAL			TOTAL													
01																			
02					1	IF	¼							1	4	0			
03					1	IF	5/16							25	0	0			
04					1	IF	7/16							4	9	0			
05																			
06	0701	B177			1	W	14	x 665				A572 Gr.50		14	0	8	4		M12E COL.
07																			
08																			
09																			
10																			
11																			
12																			
13																			
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20																			
21																			
22																			
23																			
24																			
25																			
26			TOTAL		39		TOTAL							96					

IMPERIAL

IMPERIAL

REV.	DATE	BY
1	DATE APR 11/85	BY JM
2	DATE	BY
3	DATE	BY

SPEC. A572 Gr.50 U/N
HOLES 15/16 ϕ U/N (78ϕ A325 Bolt)
FINISH

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

MADE	DATE	SQUAD
27 ELNEBRIJA	MAR'85	F.R.
CHK'D. 28 D.I.	DATE MARCH 85	

PROJECT: 7 WORLD TRADE CENTER
DETAIL: COLUMNS - (78A) - 3RD & 4TH LIFTS

CONTRACT 84-15
DWG.No. 177

APR 11/85
MAR 25/85