49
50
51

EL921'-4 (ROOF)

(14'-10 REF)

11'-4

EL906'-6 FIN 47TH FLOOR

3'-6

BOTH FLGS 5/16

W35 52 x 135

1-PL PA4188

1-PL C753 OFFSET 11/16 ϕ HOLES

1-PL M752

1-LA768

1-PL M752

A739 B739 C739

11/16 ϕ HOLES 4-1ϕ x 3

1-LA768

EAST

2-1ϕ A490 x 3
2-1ϕ A325 WSHRS WRENCH TIGHT

1-PL fa 4188
1-PL fb 4188

1-PL fa 4188
1-PL fb 4188
2-1ϕ A490 x 3
2-1ϕ A325 WSHR WRENCH TIGHT

1-PL fc 4188 NTS
11/16 ϕ HOLES
6-1ϕ x 3
4-1ϕ x 3/4

A4091

EL920'-7/2

MILL

4'-10 1/2

W112 x 53

11/16 ϕ HOLES

4-1ϕ x 5

W14 1/2 x 145 5/8 x 5/16 @ 120 (A36) x 10'-8 3/8 M2E P180/122

MILL

ONE

(51) A4190 DIV 4810

BOTH FLGS

11/16 ϕ HOLES 16-1ϕ x 3 3/4

fa 4188
fb 4188

SECTN A-A

SECTN B-B

SECTN C-C

BOTH FLGS 5/16

A768

BOTH FLGS 5/16

SECTN D-D

BOTH FLGS 3/8 1/2

1" Rad.

BRACKET
1-PL A739: 2-B739 & 2-C739

EL'A'S SHOWN IN BRACKETS ARE BASED ON ACCURATE COL SIZES.

SHOP SCRIBE VISIBLE C/L ON BOTH FLGS & B/S WEB TOP & BOTT.

SHOP NOTES

MATERIAL G40.21 44W 0/N
E70 SERIES ELECTRODES
REF DWGS E48 E118.CIV14
E118A 9149

FIELD BOLTS

74	1ϕ A325 WSHRS
12	1ϕ A490 x 2 3/4
22	1ϕ A490 x 3 3/4
4	1ϕ A490 x 2 1/2
26	1ϕ A490 x 3
6	1ϕ A490 x 4
4	1ϕ A490 x 3 1/4

BILL OF MATERIAL

LINE	CC DOOR SIDE	COMMX SHIP DIVN.	PIECE MARKS MAIN MAT'L.	PIECE MARKS DETAIL MAT'L.	NO. OF PIECES	MATERIAL DESCRIPTION	GRADE CODE	DOOR SIDE	FINISHED LENGTH Feet	FINISHED LENGTH In. 16th	PAGE	LINE	REMARKS
01				FDDJ									
02													
03			PA4188		1	PL 1/4 10 x	44W		3	5 8			
04			C753		2	PL 5/16 10 x			1	6 8			
05			M752		2	PL 1/2 10 x			1	10 8			
06			A739		1	PL 7/16 4 x			2	4 0			BENT
07			B739		2	PL 3/8 6 x			6	6 12			
08			C739		2	PL 3/8 6 x			1	0 4			
09			FA4188		2	PL 5/16 10 x			1	4 8			
10			FB4188		2	PL 5/16 10 x			1	4 8			
11			FC4188		1	PL 3/8 6 x	44W		0	9 8			
12													
13					4	HT BOLT 1 x 3	490						
14					4	HT WASHER 1	325						
15													
16				A768	2	L 6 x 4 x 5/16	44W		2	6 0			
17													
18					1	PL 5/16			14	0 0			
19					1	PL 3/8			1	0 0 0			
20					1	PL 1/2			1	6 0 0			
21					1	PL 5/16			10	0 0			
22					1	PL 1/8			1	0 0			
23													
24			4810	A4190	1	W14 x 120	A36		10	8 2	180	122	M2E
25													
26				TOTAL	82	TOTAL			49		1	OF 1	

REV.	1 DATE	BY	SPEC. AS NOTED	FRANKEL STEEL LIMITED	Jan 22/86
	2 DATE	BY	HOLES 11/16 U/NOTED	220 ATTWELL DRIVE, UNIT 1, REXDALE, ONTARIO M9W 5B2	
	3 DATE	BY	FINISH NONE		
MADE 27 JIM	DATE JAN 12	SQUAD F R	PROJECT: 7 WORLD TRADE CENTER	CONTRACT 84-153	DWG.No. 4190
CHK'D. 28 GM	DATE JAN 15/86		DETAIL: NORTH WALL ROOF COLUMNS ZONE 4		