W29⅝×10½×½ω99×5'-0⅞ mb
CUT C742 P171/22

1-W30ω99×4'-3½ ma
CUT A742 P171/17

1-PL B786 & 2-1φ A490×3¼
2-1φ A325 WASHERS
WRENCH TIGHT: SHIP BACK BOLTED: TOP & BOTTOM FLANGE

2-PL⅜ B787
2-1φ A490×3¼
2-1φ A325 WSHRS
BACK BOLTED
WRENCH TIGHT

8-1φ×¾ WEB
20-1φ×3 FLANGE

10-1φ×2¾

16-1φ×3¼

A:B:C739

1-A768

1-A739
2-B739
2-C739

SECTN A-A

SECTN B-B

SECTN C-C

EL 921'-4 (ROOF)
EL 920'-7½
EL 909'-6 FIN 47TH FLOOR
(14'-10 REF)
11'-4
3'-6
10'-7½
3'-4½
1'-2⅞
7'-3
1'-10
4'-2⅜
8'-4¾
W26×84 (A36) × 10'-8¾ MLE P180/9
ONE W14×14½×7⁄16 ω 90 (A36)
A4159 DIV 4806
41

SHOP NOTES
MATERIAL G40-21 44W U/N
E70 SERIES ELECTRODES
REF DWGS: E118 E118A
9129 GW14 E48

FIELD BOLTS
54-1φ A325 WSHRS
20-1φ A490×3
24-1φ A490×3¼
10-1φ A490×2¾

4-7⁄8φ A325×3

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

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

BILL OF MATERIAL

LINE	COST	COMMX SHIP DIVN.	PIECE MARKS MAIN MAT'L.	PIECE MARKS DETAIL MAT'L.	NO. OF PIECES	MATERIAL DESCRIPTION WIDTH PL	WIDTH Inch	WIDTH 16th	X PLATE ONLY	THK. In.	THK. 16th	GRADE CODE	DSGR	FINISHED LENGTH Feet	FINISHED LENGTH In.	FINISHED LENGTH 16th	PAGE	LINE	REMARKS
01					FOOT														
02																			
03				MA	1				W30×99			A36		4	3	5	171	17	CUT A742
04				MB	1				⊥			⊥		5	0	14	171	22	CUT C742
05																			
06				A768	2				L6×4×5⁄16			44W		2	6	0			
07																			
08				A739	1	PL	19	4	×		0	44W		2	4	0			BENT
09				B739	2	PL	6	0	×		0	⊥		0	6	0			
10				C739	2	PL	8	0	×		0	⊥		1	0	4			
11																			
12				B786	2	PL	20	0	×		0	44W		11	6				
13				B787	2	PL	8	0	×		0	⊥		1	3	8			
14																			
15					4				HT BOLT 1×3			490							
16					2				HT BOLT 1×3¼			⊥							
17																			
18					6				HT WASHER 1			325							
19																			
20				PA4151	1	PL	15	0	×		0	44W		1	0	0			
21				PB	1	PL	8	0	×		0	⊥		1	0	0			
22																			
23				FA4151	2	PL	12	8	×		0	2	44W		1	0	8		
24																			
25																			
26				TOTAL									TOTAL						1 OF 2
01				PC	1	PL	20	0	×		0	12	44W		1	0	8		
02				PD	1	PL	14	0	×		0	12	⊥		1	0	8		GRINDIE PIE CUT TO FIT
03				PF	1	PL	6	0	×		0	8	⊥		1	0	8		
04																			
05																			
06																			
07																			
08																			
09																			
10					1	PL	68		5⁄8					16	0	0			
11					1	PL	IF		1⁄4					12	0	0			
12					1	PL			3⁄16					15	0	0			
13					1	PL			5⁄16					0	0	0			
14					1	PL			3⁄8					0	0	0			
15					1	PL			1⁄2					1	0	0			
16					1	PL			1⁄8					1	0	0			
17																			
18		4806	A4159		1				W14×90			A36		10	8	12	180	9	MLE
19																			
20																			
21																			
22																			
23																			
24																			
25																			
26				TOTAL	41								TOTAL	70					2 OF 2

Jan 7/86

REV.			
1	DATE	BY	
2	DATE	BY	
3	DATE	BY	

SPEC. AS NOTED
HOLES 13⁄16φ U/NOTED
FINISH

MADE 27 JIM DATE 9/12 SQUAD F R
CHK'D. 28 GM DATE DEC 16/85

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

PROJECT: 7 WORLD TRADE CENTER
DETAIL: ROOF COLUMN ZONE 4

CONTRACT 84-159
DWG.No. 4159