W29 5/8 × 10 1/2 × 1/2 ω 99 × 4'-3 1/2 ma
CUT A742 P171/17

1-W30ω99 × 4'-3 1/2 ma
CUT A742 P171/17

8-1φ × 3/4 WEB
20-1φ × 3 FLANGE

1-PL B786 & 2-1φ A490 × 3
2-1φ A325 WASHERS
WRENCH TIGHT: SHIP
BACK BOLTED: TOP
& BOTTOM FLANGE

2-PL'S B787
2-1φ A490 × 3 1/4
2-1φ A325 WSHRS
BACK BOLTED
WRENCH TIGHT

1-PL pb 2-7/8φ × 2 3/4

1-A760
2-7/8φ × 2 3/4

1-A768

1-A739
2-B739
2-C739

16-1φ × 3/4

10-1φ × 2 3/4

1'-2 4/16 +0 -1/16 A4069

1-Wmb

Wmb NOT SHOWN FOR CLARITY

A:B:C739

SECT^N A-A

SECT^N B-B

SECT^N C-C

ONE W14 × 14 1/2 × 7/16 ω 90 (A36) × 10'-8 3/4 MIE P180/9

A4163 DIV 4806

39

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 × 3 1/4
10 1φ A490 × 2 3/4

4 7/8φ A325 × 2 3/4

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	CCODE	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	DSGR	FINISHED LENGTH Feet	FINISHED LENGTH In.	FINISHED LENGTH 16th	PAGE	LINE	REMARKS
01					FOOT														
02																			
03				MA	2				W30×99			A36		4	3	8	[1]	[1]	CUT A742
04																			
05																			
06				A768	2				L6×4×5/16			44W		2	6	0			
07																			
08				A739	1	PL	19	4	×		9/8	44W		2	4	0			SENT
09				B739	2	PL	6	5/8	×		9/16	44W		0	6	12			
10				C739	2	PL	6	5/8	×		9/16	44W		1	0	4			
11																			
12				B786	2	PL	8	0	×		9/8	44W		1	1	0			
13				B787	2	PL	8	0	×		9/8	44W		1	3	8			
14																			
15					4				HT BOLT 1×3			490							
16					2				HT BOLT 1×3 1/4			490							
17																			
18					6				HT WASHER 1			S25							
19				PA4151	1	PL	8	0	×		9/8	44W		1	0	8			
20				PB	1	PL	8	4	×		9/16	44W		1	0	8			
21																			
22				FA4151	2	PL	12	8	×		0 2	44W		1	0	8			
23																			
24																			
25																			
26				TOTAL					TOTAL								1	OF	2
01				A760	1				L 8×6×3/4			44W		1	0	8			
02																			
03																			
04																			
05																			
06																			
07																			
08																			
09																			
10																			
11																			
12					1	FF		3/16						1	8	0			
13					1	FF		5/16						1	0	0			
14					1	FF		3/8						0	6	0			
15					1	FF		1/2						1	6	0			
16					1	FF		1/4						1	2	0			
17					1	FF		1/8						1	0	0			
18																			
19	4806	A4163			1				W14×90			A36		10	8	12	180	9	MIE
20																			
21																			
22																			
23																			
24																			
25																			
26				TOTAL	50				TOTAL			62							

Jan 8/86 2 OF 2

REV.			
1	DATE	BY	
2	DATE	BY	
3	DATE	BY	

SPEC AS NOTED
HOLES 13/16φ U/NOTED
FINISH NONE

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. 4163