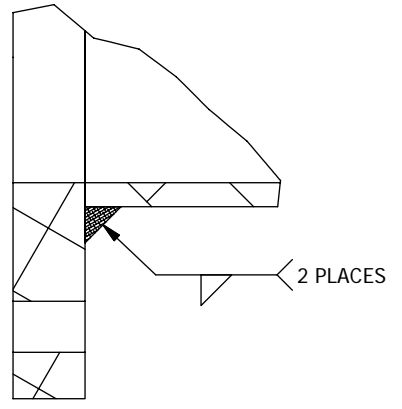


Ø0.266 THRU  
12 HOLES ON R9.000 B.C.  
EACH FLANGE



DETAIL B  
SCALE 1 : 1

**NOTES**

1. Roll sheet and weld to form tube.
2. Prepare oversized (thickness) flanges. Weld flanges to tube.
3. Machine inside diameter of flanges. The ID tolerance of 16.500 +.005/-0.000 is only applicable to 0.25" from either end. These flanges will be mated to pieces that have a Ø16.498, 0.125 tall boss.
4. Machine complete flange faces. Polish to specified surface roughness.
5. All welds MUST be vacuum-grade. Shell will enclose a 0.001 torr vacuum.
6. Anodizing to be completed by OCIW.

THE OBSERVATORIES  
OF THE CARNEGIE INSTITUTION OF WASHINGTON  
813 Santa Barbara Street  
Pasadena, CA 91101

MATERIAL		Aluminum 6061		UNLESS OTHERWISE SPECIFIED FRACTIONAL DECIMAL ANGULAR +/- 1/32 .XX +/- 0.01 +/- 0.1 DEG	
EST WEIGHT		18.3 lb		.XXX +/- 0.002 GOAL .XXX +/- 0.005 REQD BREAK SHARP EDGES MACHINED SURFACES 125 ✓ ALL DIMENSIONS IN INCHES	
SCALE		1:6		P lanet F inder S pectrograph	
DWN		CRANE	5/31/2007	Prism/Grating Assembly Vacuum Shell	
APVD	BY	DATE	SHEET	DRAWING NUMBER	SHT 1 OF 1
Bill of Material			A	PFS11005	REV 2

1	1	PFS11005
ITEM	QTY	DESCRIPTION
Bill of Material		