

**NOTES**

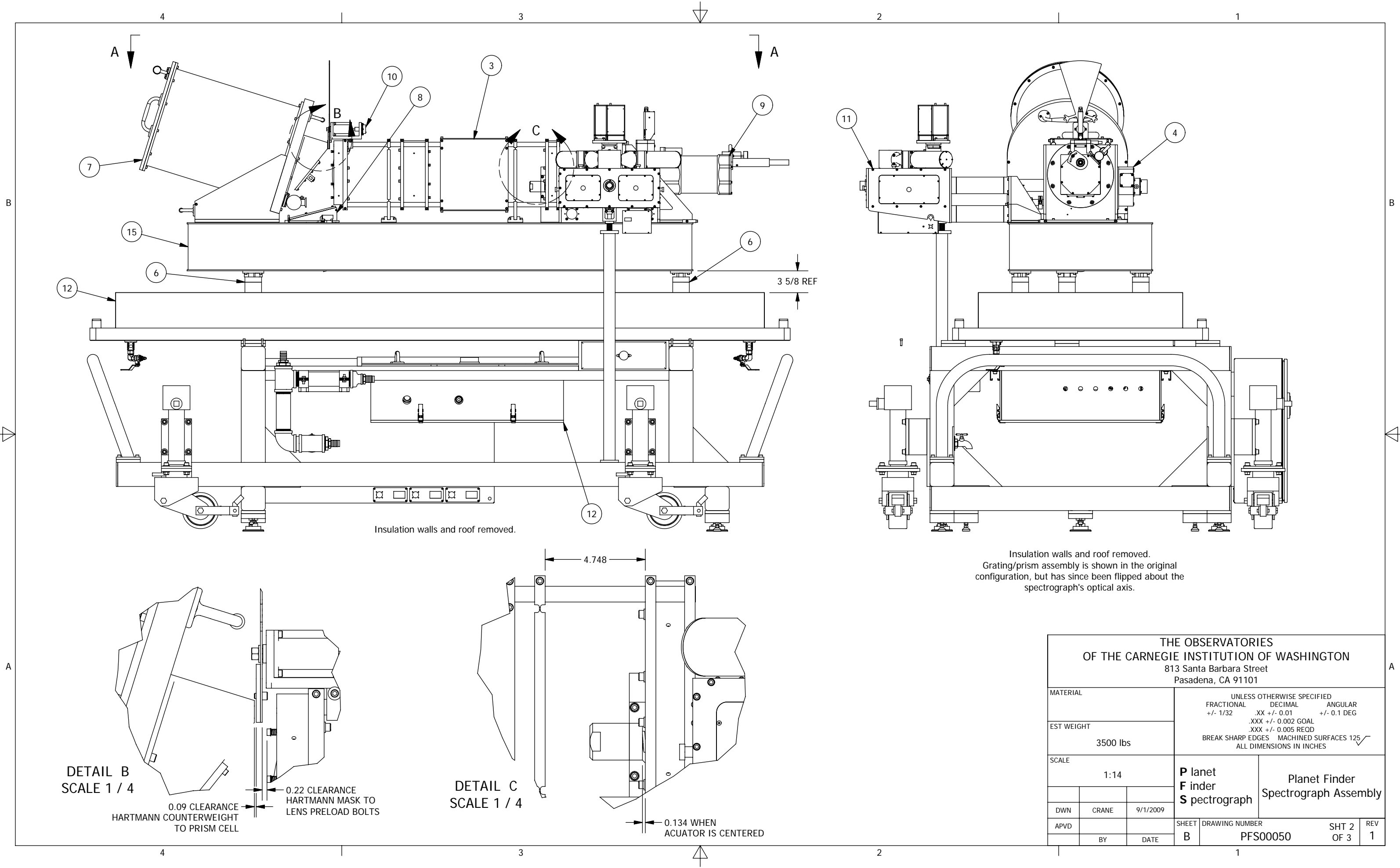
1. Not shown: fluid transfer cables for temperature control system; wiring

ITEM	QTY	DESCRIPTION	PART NUMBER	ITEM	QTY	DESCRIPTION	PART NUMBER	ITEM	QTY	DESCRIPTION	PART NUMBER
15	1	Invar Optical Table	PFS02001								
14	1	Pre Slit Support Assembly	PFS00033	9	1	Camera Mount and Slit Assembly	PFS00019				
13	1	Telescope Guider Housing Cover Assembly	PFS00032	8	1	PMT System Assembly	PFS00012	4	1	Camera Focus Actuator Assembly	PFS00002
12	1	Insulation System Assembly	PFS00025	7	1	Prism/Grating Mount Assembly	PFS00011	3	1	Camera System Assembly	PFS00001
11	1	Pre Slit Assembly	PFS00021	6	3	Table Support Column Assembly	PFS00005	2	1	Hoffman CTD24428LG two door enclosure	-
10	1	Hartmann Mask Assembly	PFS00020	5	1	Instrument Cart Assembly	PFS00003	1	1	PFS Optics	-
Bill of Material				Bill of Material				Bill of Material			

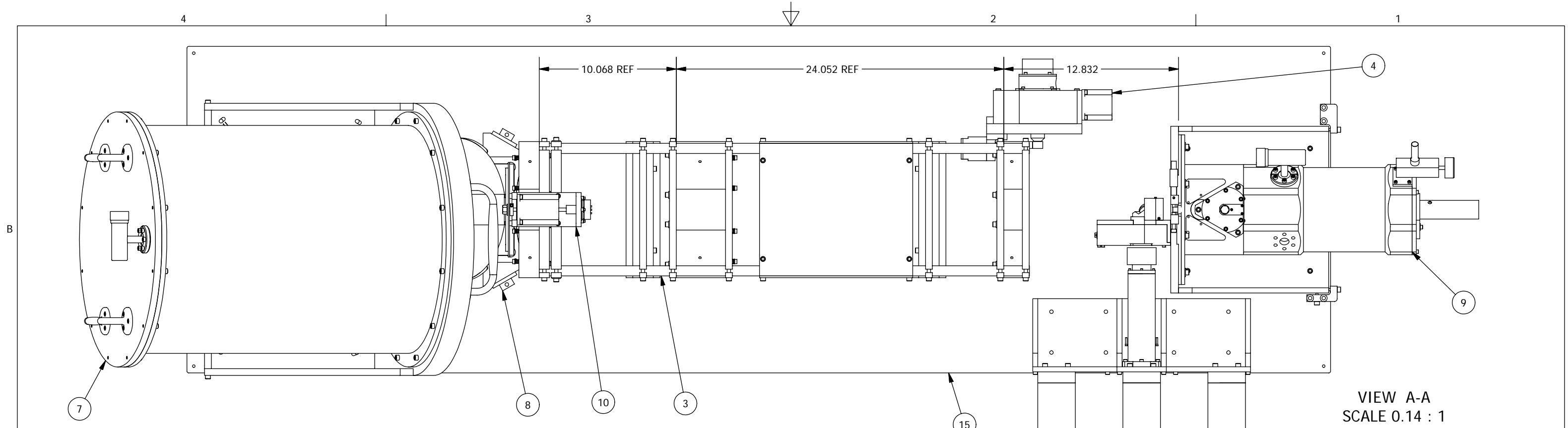
**THE OBSERVATORIES  
OF THE CARNEGIE INSTITUTION OF WASHINGTON**  
813 Santa Barbara Street  
Pasadena, CA 91101

MATERIAL	UNLESS OTHERWISE SPECIFIED FRACTIONAL DECIMAL ANGULAR +/- 1/32 .XX +/- 0.01 +/- 0.1 DEG .XXX +/- 0.002 GOAL .XXX +/- 0.005 REQD BREAK SHARP EDGES MACHINED SURFACES 125		
EST WEIGHT	3500 lbs		
SCALE	1:14		
DWN	CRANE	9/1/2009	
APVD	BY	DATE	
SHEET B		DRAWING NUMBER PFS00050	SHT 1 OF 3
			REV 1

**Planet Finder Spectrograph Assembly**

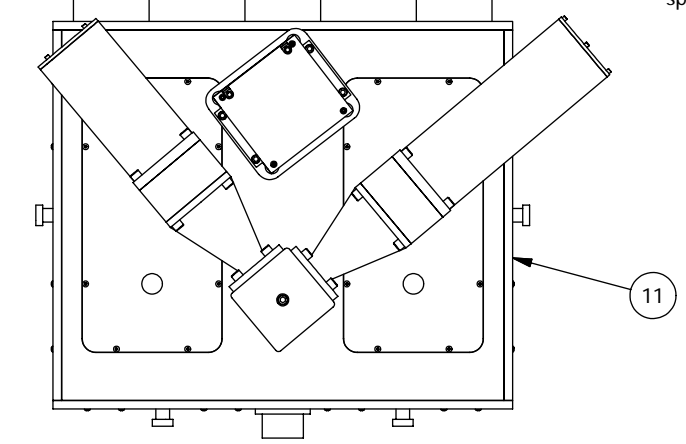
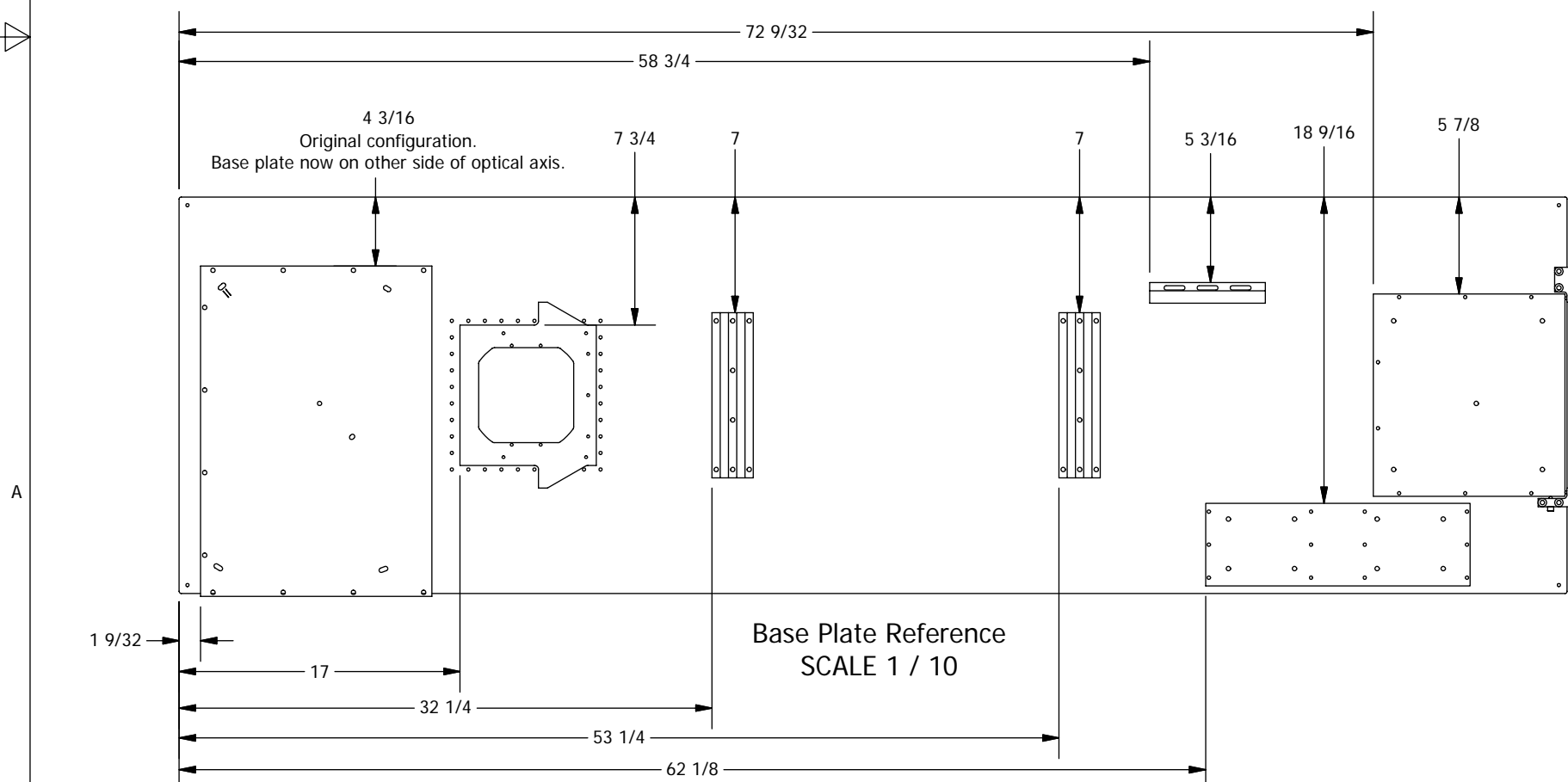


<b>THE OBSERVATORIES OF THE CARNEGIE INSTITUTION OF WASHINGTON</b> 813 Santa Barbara Street Pasadena, CA 91101				
MATERIAL		UNLESS OTHERWISE SPECIFIED FRACTIONAL DECIMAL ANGULAR +/- 1/32 .XX +/- 0.01 +/- 0.1 DEG		
EST WEIGHT		.XXX +/- 0.002 GOAL .XXX +/- 0.005 REQD BREAK SHARP EDGES MACHINED SURFACES 125		
SCALE		1:14 <b>P lanet F inder S pectrograph</b> Planet Finder Spectrograph Assembly		
DWN	CRANE	9/1/2009		
APVD	BY	DATE	SHEET	REV
			B	1
		DRAWING NUMBER		
		PFS00050		
		SHT 2		
		OF 3		



**VIEW A-A**  
**SCALE 0.14 : 1**

Instrument cart, insulation, temperature control system not shown.  
Grating/prism assembly is shown in the original configuration, but has since been flipped about the spectrograph's optical axis.



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MATERIAL		UNLESS OTHERWISE SPECIFIED FRACTIONAL DECIMAL ANGULAR +/- 1/32 .XX +/- 0.01 +/- 0.1 DEG .XXX +/- 0.002 GOAL .XXX +/- 0.005 REQD BREAK SHARP EDGES MACHINED SURFACES 125 ✓ ALL DIMENSIONS IN INCHES		
EST WEIGHT		3500 lbs		
SCALE		<b>P</b> lanet <b>F</b> inder <b>S</b> pectrograph Planet Finder Spectrograph Assembly		
DWN	CRANE	9/1/2009		
APVD	BY	DATE	SHEET	REV
			B	1
		DRAWING NUMBER		SHT 3
		PFS00050		OF 3