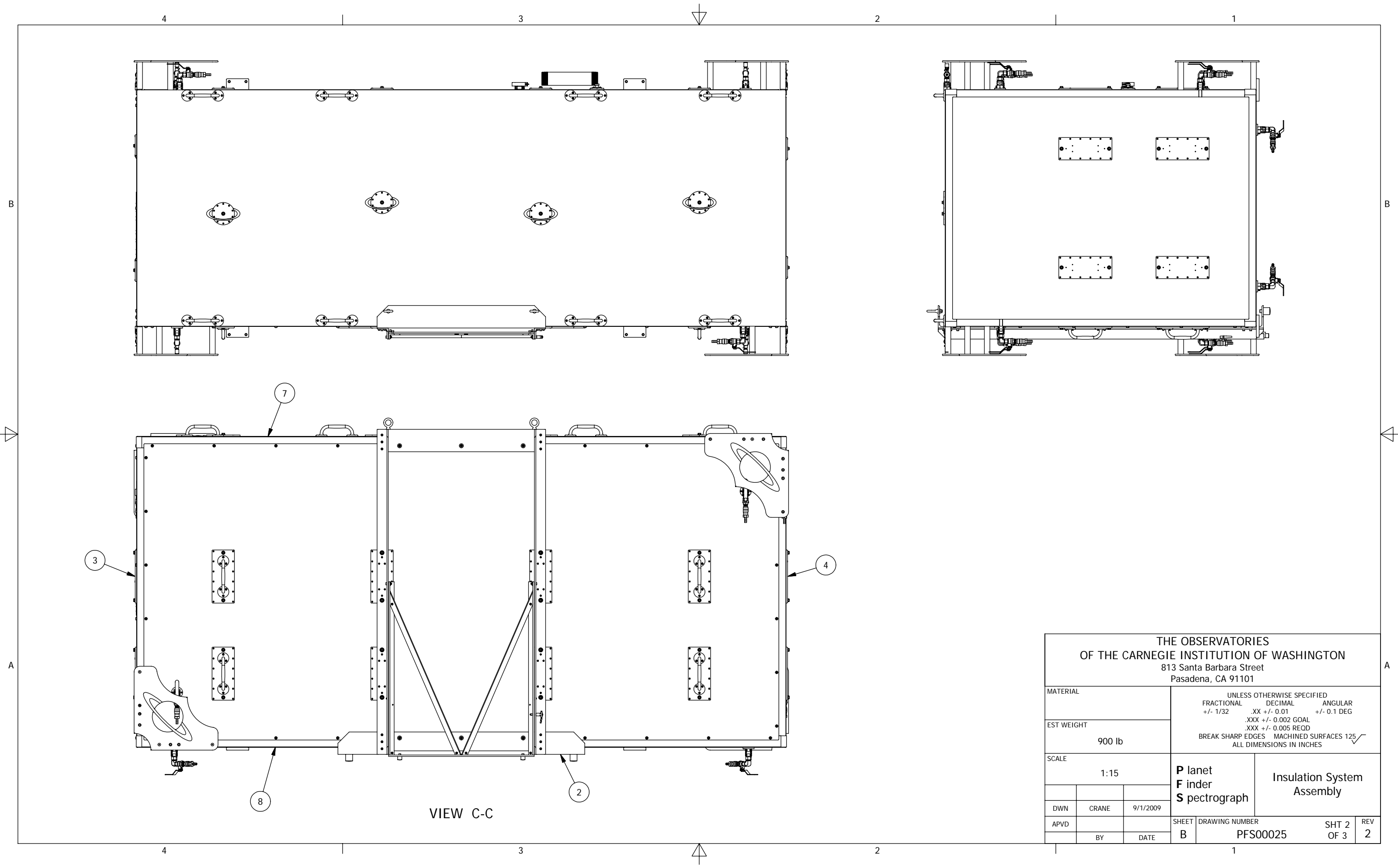


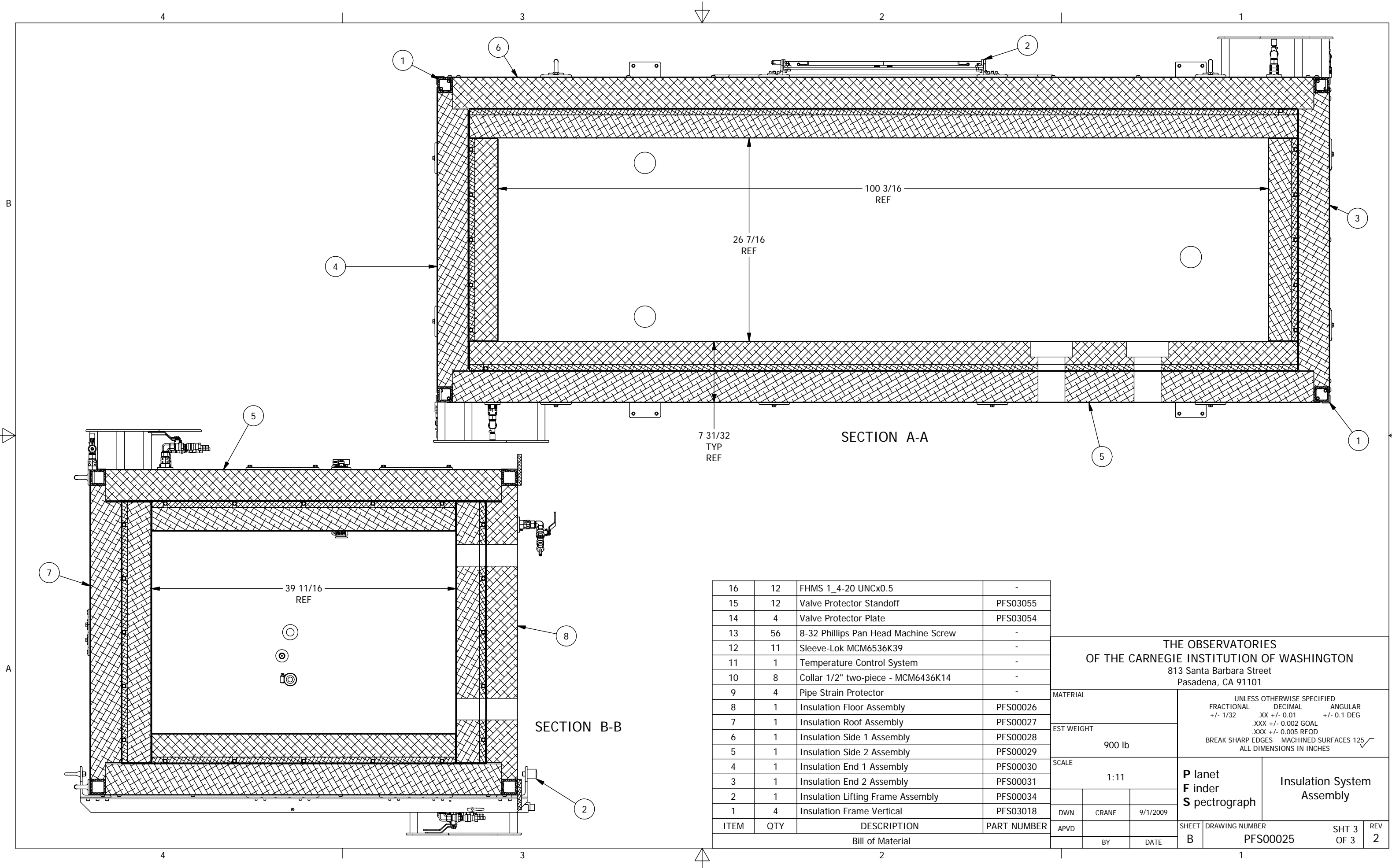
NOTES

1. Most rivets and screws not shown

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			
EST WEIGHT		.XXX +/- 0.002 GOAL .XXX +/- 0.005 REQD BREAK SHARP EDGES MACHINED SURFACES 125 ✓ ALL DIMENSIONS IN INCHES			
SCALE		1:15		P lanet F nder S pectrograph	
DWN	CRANE	9/1/2009		Insulation System Assembly	
APVD	BY	DATE			
SHEET		DRAWING NUMBER		SHT 1	REV
B		PFS00025		OF 3	2



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			
EST WEIGHT		.XXX +/- 0.002 GOAL .XXX +/- 0.005 REQD BREAK SHARP EDGES MACHINED SURFACES 125 ✓ ALL DIMENSIONS IN INCHES			
SCALE		1:15		P lanet F nder S pectrograph Insulation System Assembly	
DWN	CRANE	9/1/2009			
APVD	BY	DATE	SHEET	DRAWING NUMBER	SHT 2 OF 3
			B	PFS00025	REV 2



16	12	FHMS 1_4-20 UNCx0.5	-
15	12	Valve Protector Standoff	PFS03055
14	4	Valve Protector Plate	PFS03054
13	56	8-32 Phillips Pan Head Machine Screw	-
12	11	Sleeve-Lok MCM6536K39	-
11	1	Temperature Control System	-
10	8	Collar 1/2" two-piece - MCM6436K14	-
9	4	Pipe Strain Protector	-
8	1	Insulation Floor Assembly	PFS00026
7	1	Insulation Roof Assembly	PFS00027
6	1	Insulation Side 1 Assembly	PFS00028
5	1	Insulation Side 2 Assembly	PFS00029
4	1	Insulation End 1 Assembly	PFS00030
3	1	Insulation End 2 Assembly	PFS00031
2	1	Insulation Lifting Frame Assembly	PFS00034
1	4	Insulation Frame Vertical	PFS03018
ITEM	QTY	DESCRIPTION	PART NUMBER
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 +/- 0.1 DEG .XXX +/- 0.005 REQD BREAK SHARP EDGES MACHINED SURFACES 125	
EST WEIGHT		900 lb	
SCALE		1:11	
DWN		CRANE	9/1/2009
APVD		BY	DATE
SHEET	DRAWING NUMBER	SHT 3	REV
B	PFS00025	OF 3	2

**P lanet
F nder
S pectrograph**

**Insulation System
Assembly**