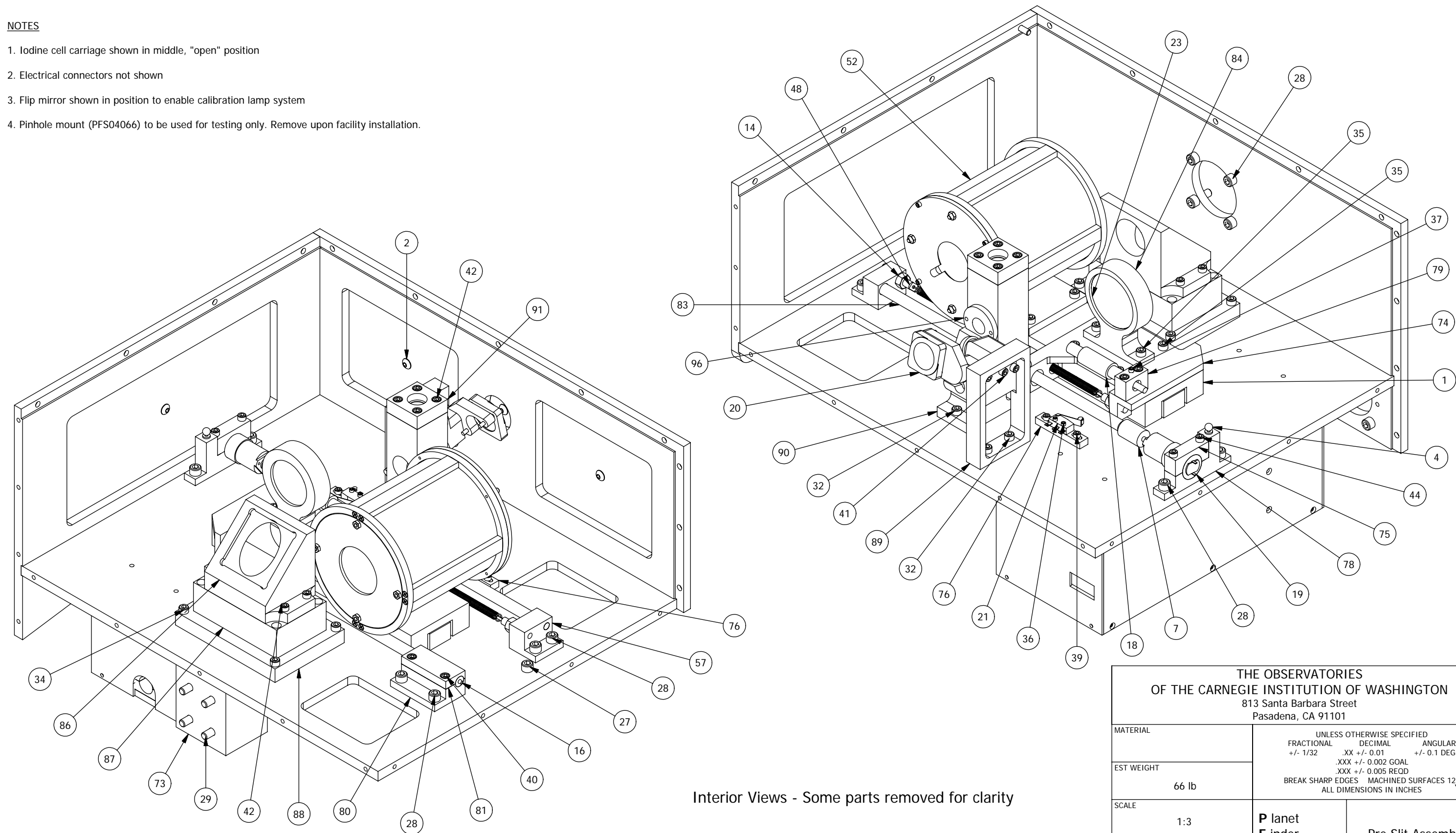


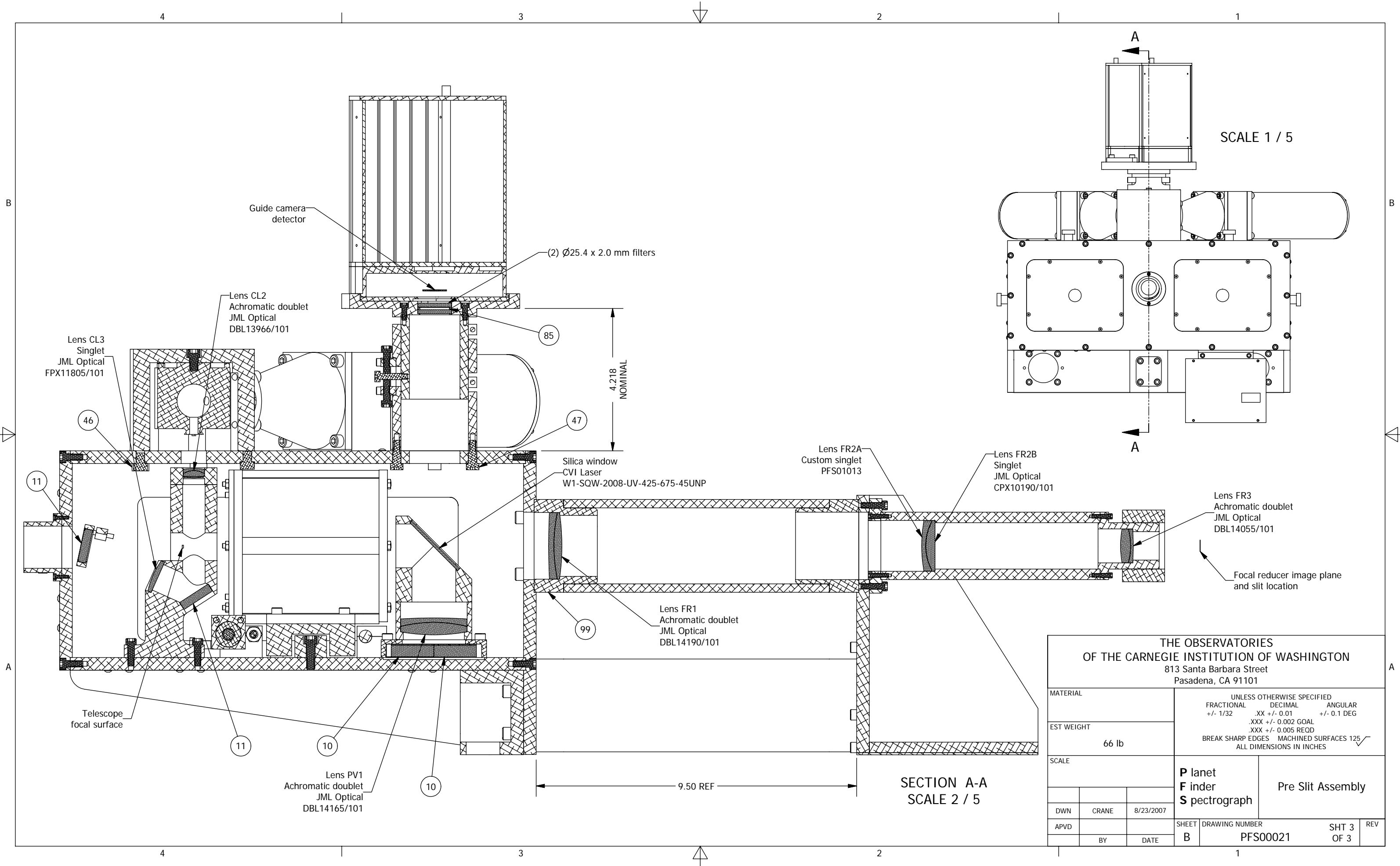
NOTES

- 1. Iodine cell carriage shown in middle, "open" position
- 2. Electrical connectors not shown
- 3. Flip mirror shown in position to enable calibration lamp system
- 4. Pinhole mount (PFS04066) to be used for testing only. Remove upon facility installation.



Interior Views - Some parts removed for clarity

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		P lanet F nder S pectrograph	
1:3			
DWN	CRANE	8/23/2007	SHEET DRAWING NUMBER B PFS00021 SHT 2 REV OF 3
APVD	BY	DATE	



Guide camera detector

(2) Ø25.4 x 2.0 mm filters

Lens CL2
Achromatic doublet
JML Optical
DBL13966/101

Lens CL3
Singlet
JML Optical
FPX11805/101

4.218
NOMINAL

Silica window
CVI Laser
W1-SQW-2008-UV-425-675-45UNP

Lens FR2A
Custom singlet
PFS01013

Lens FR2B
Singlet
JML Optical
CPX10190/101

Lens FR3
Achromatic doublet
JML Optical
DBL14055/101

Focal reducer image plane
and slit location

Lens FR1
Achromatic doublet
JML Optical
DBL14190/101

Lens PV1
Achromatic doublet
JML Optical
DBL14165/101

9.50 REF

SECTION A-A
SCALE 2 / 5

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	66 lb .XXX +/- 0.002 GOAL .XXX +/- 0.005 REQD BREAK SHARP EDGES MACHINED SURFACES 125 ALL DIMENSIONS IN INCHES

SCALE		P lanet F nder S pectrograph	Pre Slit Assembly
DWN	CRANE		

SHEET	DRAWING NUMBER	SHT 3	REV
B	PFS00021	OF 3	