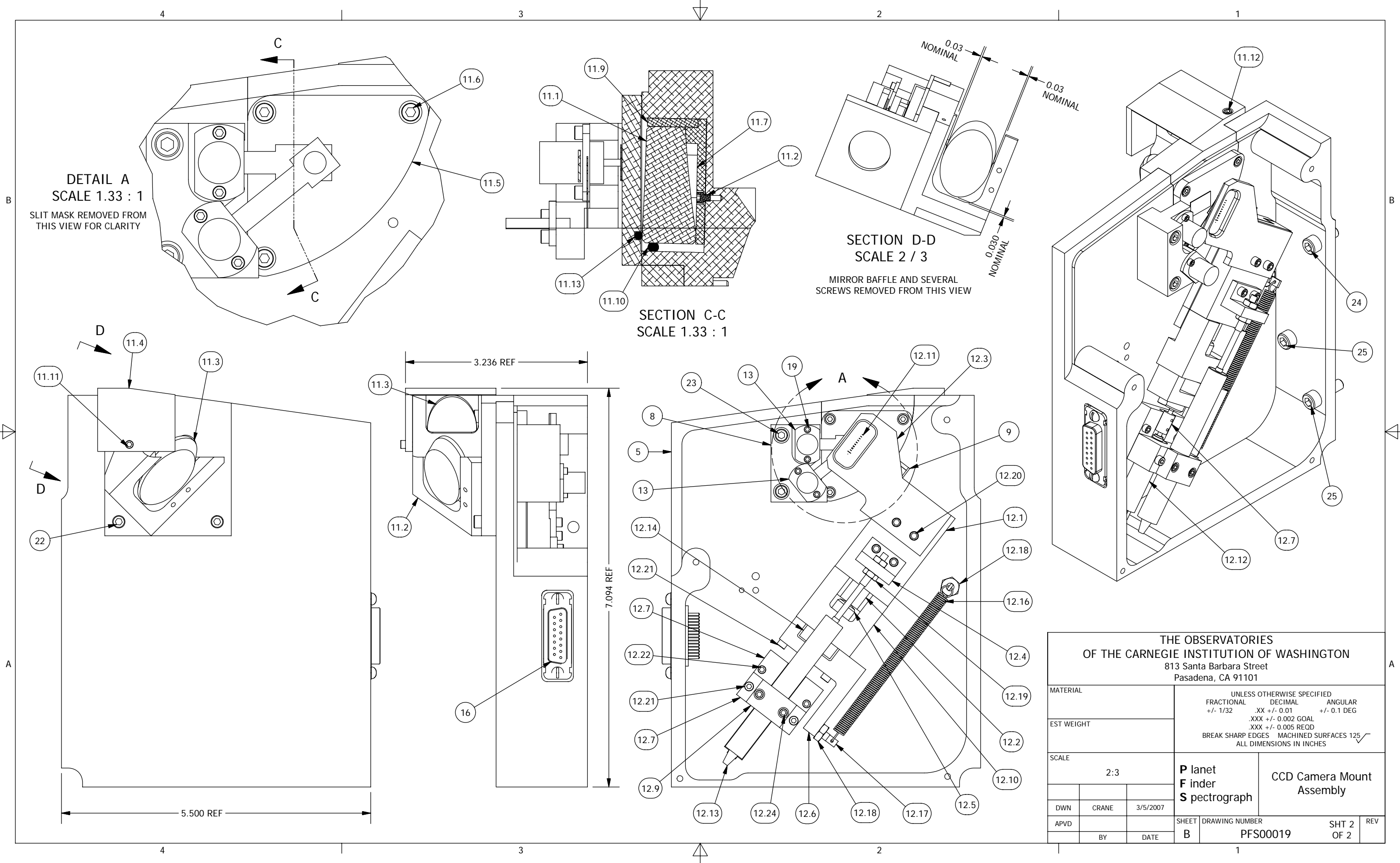


ITEM	QTY	DESCRIPTION	PART NUMBER	ITEM	QTY	DESCRIPTION	PART NUMBER	ITEM	QTY	DESCRIPTION	PART NUMBER
28	1	SHCS 1/4-20 UNCx1.25	-	12.18	2	Hex Nut 6-32	-				
27	7	SHCS 1/4-20 UNCx1	-	12.17	2	Spring Anchor MCM9634K11	-	11.10	1	PFS6A Radial preload cord	-
26	1	SHCS 1/4-20 UNCx0.875	-	12.16	1	Extension Spring MCM9654K418	-	11.9	2	PFS6A Radial Reference Block	PFS06020
25	10	SHCS 10-24 UNCx0.625	-	12.15	1	Slit Mask Coupling; replaces Allied DD14	PFS06019	11.8	2	SHCS 0-80 UNFx1/16	-
24	9	SHCS 10-24 UNCx0.5	-	12.14	1	Drive Nut MCM95075A229	-	11.7	1	PFS6A Lens Axial Support	PFS06006
23	2	SHCS 6-32 UNCx0.875	-	12.13	1	Linear Transducer - Allied 642-0151	-	11.6	3	SHCS 3-48 UNCx1/2	-
22	7	SHCS 6-32 UNCx0.5	-	12.12	1	Micromo 1016M012G+10/1K, 256:1	-	11.5	1	PFS6A Lens Cover	PFS06007
21	1	SHCS 4-40 UNCx0.625	-	12.11	1	Slit Mask	PFS06001	11.4	1	Fold Mirror Baffle	PFS06004
20	1	SHCS 4-40 UNCx0.375	-	12.10	1	Slit Mask Drive Nut Fitting	PFS06013	11.3	2	Elliptical Mirror Edmund 32-131	-
19	4	SHCS 1-72 UNCx3/16	-	12.9	1	Slit Mask Transducer Clamp	PFS06010	11.2	1	Multi-Fold Mirror Mount	PFS06003
18	2	SCRW RHMS 4-40 UNCx0.25	-	12.8	1	Slit Mask Motor/Transducer Bracket	PFS06009	11.1	1	PFS Optics	-
17	8	Washer, ANSI A, Normal 0.25	-	12.7	1	Slit Mask Gearmotor Bracket	PFS06008	11	1	Fold Mirror Assembly	-
16	1	Dsub 15 Pin, 2 Row, Female	-	12.6	1	Slit Mask Screw Guide	PFS06012	10	1	CCD Camera Assembly	PFS00017
15	1	Micrometer - Starrett 463L	-	12.5	1	Slit Mask Drive Screw MCM98980A350	PFS06011	9	1	Slit Isolation Mount	PFS06022
14	1	Holographic diffuser	-	12.4	1	Slit Mask Transducer Reference	PFS06015	8	1	Double Daco Shutter Mount	PFS06018
13	2	Shutter Daco Bi-Stable	-	12.3	1	Slit Mask Support Frame	PFS06016	7	1	Slit Isolation Mask	PFS06017
12.24	2	SHCS 2-56 UNCx3/8	-	12.2	1	Slit Mask Screw Reference Block	PFS06014	6	1	Slit Assembly Cover	PFS06005
12.23	2	SHCS 3-48 UNCx3/16	-	12.1	1	Slide PIC PNBT-1050A	-	5	1	Slit Assembly Main Plate	PFS06002
12.22	2	SHCS 2-56 UNCx1/4	-	12	1	Slit Mask Assembly	-	4	1	CCD Camera Mount Shear Pad	PFS08004
12.21	6	SHCS 3-48 UNCx1/4	-	11.13	1	PFS6A Axial Preload Cord MCM96515K41	-	3	2	CCD Camera Mount Side Support	PFS08003
12.20	8	SHCS 4-40 UNCx0.25	-	11.12	1	SHCS 3-48 UNCx1/4	-	2	1	CCD Camera Mount Front Plate	PFS08002
12.19	2	Hex Nut 4-40	-	11.11	1	SHCS 2-56 UNCx1/4	-	1	1	CCD Camera Mount Base Plate	PFS08001

NOTES

- Screw PFS6A Axial Support (PFS06006) into place, then RTV PFS6A radial reference blocks into position before mounting PFS6A lens.
- Position information for fold mirrors is provided assuming nominal dimensional information given in the Edmund Optics catalog: elliptical mirrors with minor axis 0.875, major axis 1.237, and thickness 0.250. Adjust position as necessary. RTV into place against the mirror mount 3-position embossments.
- Epoxy PFS06017 to PFS06022

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 ✓ ALL DIMENSIONS IN INCHES	
EST WEIGHT 23.9 lb (without CCD camera)		SCALE 1:4	
DWN CRANE 3/5/2007		P lanet F inder S pectrograph CCD Camera Mount Assembly	
APVD	BY	DATE	SHEET B DRAWING NUMBER PFS00019 SHT 1 OF 2 REV



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		2:3		P lanet F nder S pectrograph	
				CCD Camera Mount Assembly	
DWN	CRANE	3/5/2007		SHEET	REV
APVD	BY	DATE	B	DRAWING NUMBER	SHT 2 OF 2
				PFS00019	1