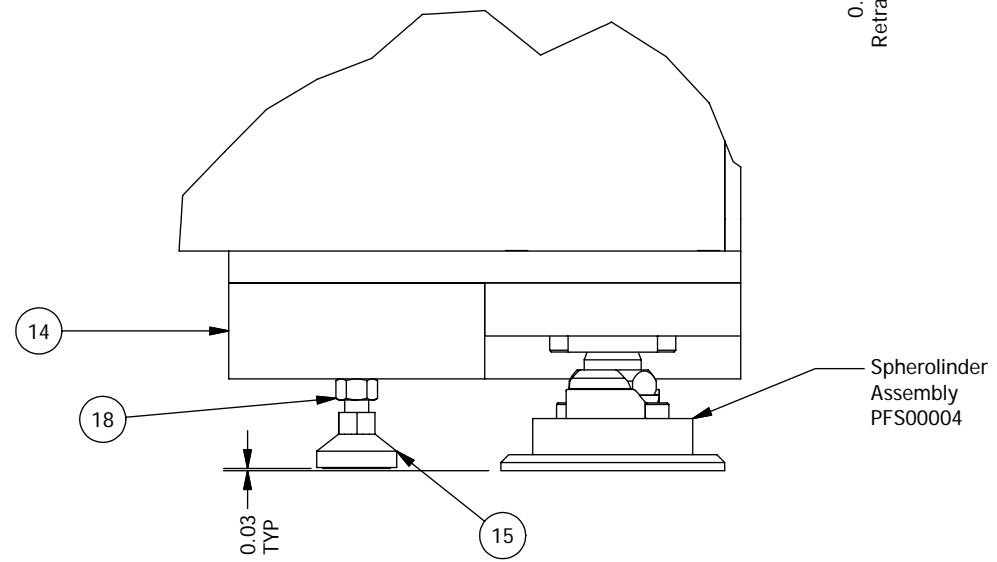


VIEW A-A



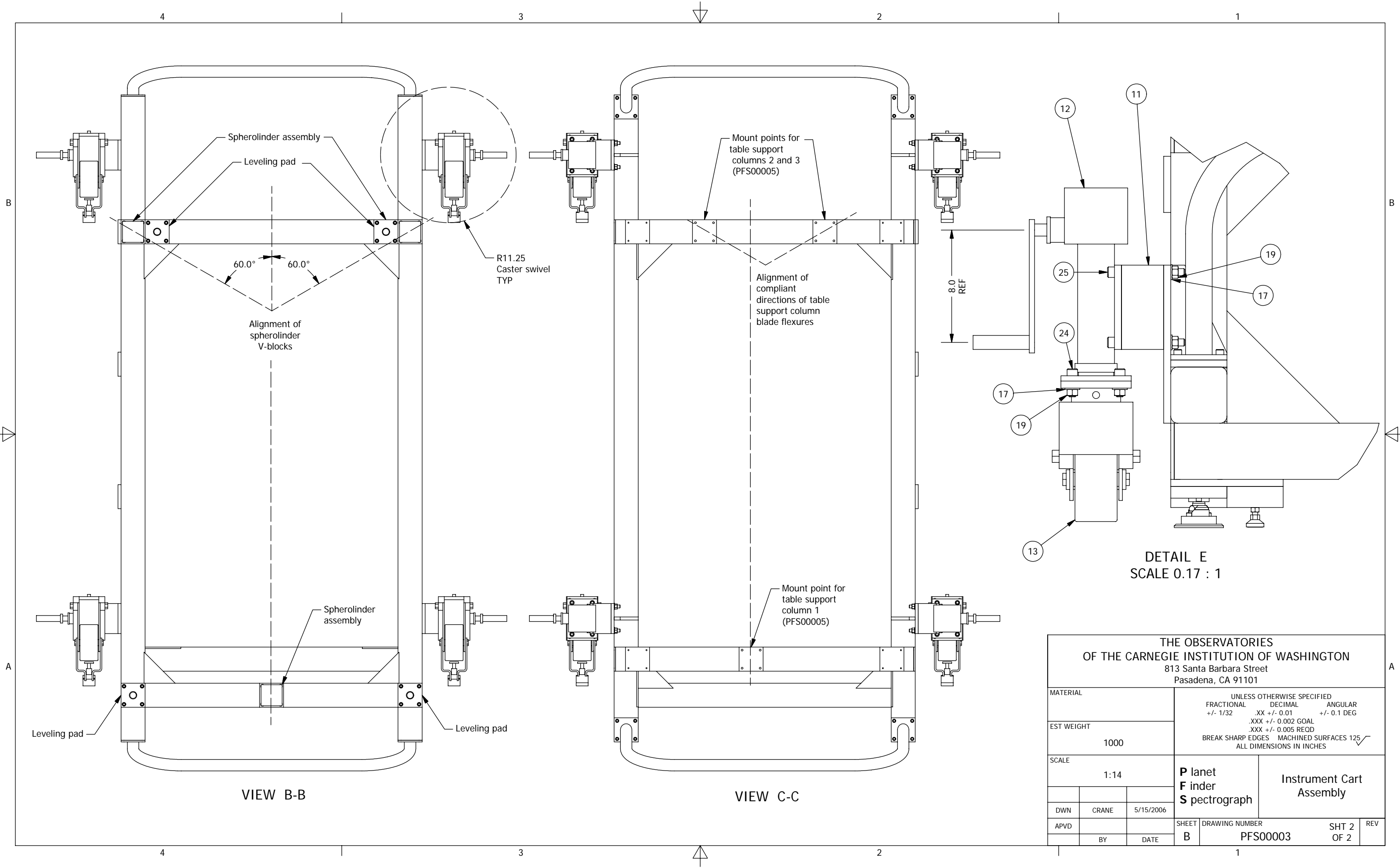
DETAIL D
SCALE 1 / 3

NOTES

1. Total caster jack travel is 3". Under full instrument load, shock absorbing casters will compress 3/4-7/8". With the jacks fully extended, the instrument will be raised approximately 1 3/4".
2. After assembly, lower leveling pads to about 1/32" above floor.
3. The three spherolinder mounts should always be aligned with the V-grooves 120° apart from each other.

ITEM	QTY	DESCRIPTION	PART NUMBER	ITEM	QTY	DESCRIPTION	PART NUMBER	ITEM	QTY	DESCRIPTION	PART NUMBER
25	16	SHCS 1/2-13 UNCx5	-	15	4	Leveling Mount MCM6111K61	-	7	3	Spherolinder Cone Block Mount	PFS02006
24	16	SHCS 1/2-13 UNCx1.5	-	14	4	Leveling Mount Mounting Block	PFS02005	6	1	Spherolinder V-Groove Block Mount 2	PFS02008
23	16	SHCS 3/8-16 UNCx1.5	-	13	4	Caster Concepts 73-06309-60-1	-	5	1	Spherolinder V-Groove Block Mount 3	PFS02009
22	12	SHCS 3/8-16 UNCx1	-	12	4	Acorn Jack 31038-3	-	4	1	Spherolinder V-Groove Block Mount 1	PFS02007
21	16	SHCS 3/8-16 UNCx0.75	-	11	4	Caster Jack Spacer	PFS02004	3	3	Spherolinder Base Plate	PFS02010
20	12	SHCS 1/4-20 UNCx0.5	-	10	3	g2 Eng Spherolinder SPH-ST-SS1-M25	-	2	2	Instrument Cart Handle	PFS02003
19	32	Hex Nut 1/2-13 UNC	-	9	3	g2 Eng Cone SPH-CBLK-M25	-	1	1	Instrument Cart Frame	PFS02002
18	4	Hex Nut 3/8-16 UNC	-	8	3	g2 Eng V-Groove SPH-VBLK-M25	-				
17	32	Washer, ANSI A, Normal 0.5	-								
16	3	Shoulder Bolt MCM91259A626	-								
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 .XX +/- 0.01 ANGULAR +/- 0.1 DEG +/- 1/32 .XXX +/- 0.002 GOAL .XXX +/- 0.005 REQD BREAK SHARP EDGES MACHINED SURFACES 125°		
EST WEIGHT			1000 lb		
SCALE			1:14		
DWN			CRANE		5/15/2006
APVD			BY		DATE
SHEET		DRAWING NUMBER		SHT 1 OF 2	
B		PFS00003		REV	



VIEW B-B

VIEW C-C

DETAIL E
SCALE 0.17 : 1

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		1:14		P lanet F inder S pectrograph	
DWN	CRANE	5/15/2006		SHEET	DRAWING NUMBER
APVD	BY	DATE		B	PFS00003
				SHT 2 OF 2	REV