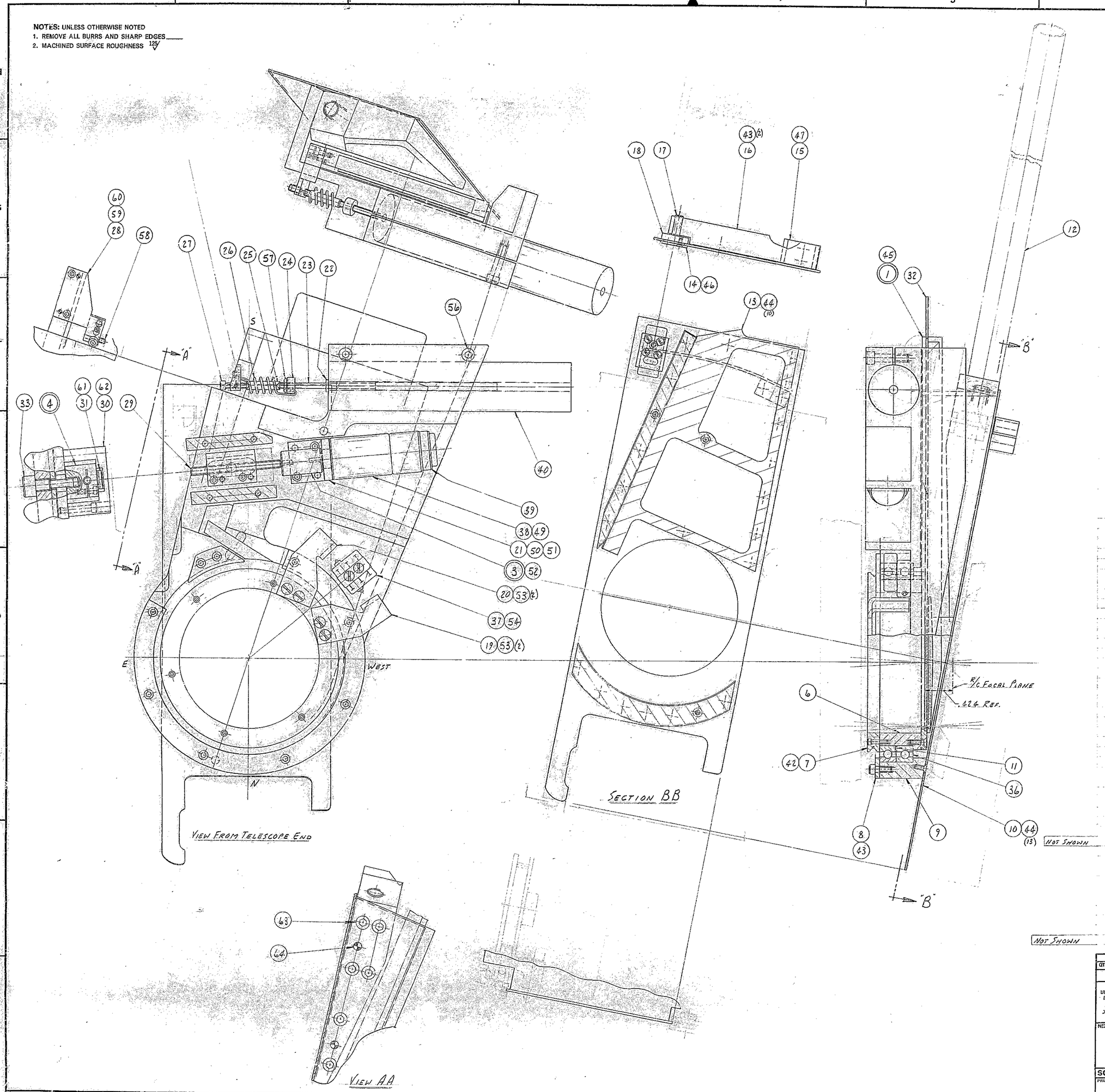
NOTES: UNLESS OTHERWISE NOTED
1. REMOVE ALL BURRS AND SHARP EDGES
2. MACHINED SURFACE ROUGHNESS 125



REVISIONS						
ZONE	LTR	DESCRIPTION	ECR	DATE	BY	APVD

QTY REQD	PART OR IDENTIFYING NO.	DESCRIPTION	MATERIAL/SPECIFICATION	ZONE	ITEM NO.
					65
2		1/2 x 3/8 Dowel	SST	B7	64
6		#4-40 x 1/4 Soc Hd Cap Scr	SST	B7	63
4		#2-56 x 1/2 Soc Hd Cap Scr	SST	F8	62
2		#1-72 x 1/8 Slotted Pan Hd Mach Scr	SST	F8	61
2		1/16 x 3/8 Dowel	SST	G8	60
2		#1-72 x 3/8 Soc Hd Cap Scr	SST	G8	59
1		#1-72 x 1/8 Nylon Tipped Set Scr	SST	G8	58
1		#1-72 Hex Nut	SST	G7	57
2		#4-40 x 1/2 Soc Hd Cap Scr	SST	F6	56
					55
2		#2-56 x 1/2 Soc Hd Cap Scr	SST	D5	54
4		#2-56 x 1/4 Fl Hd Soc Cap Scr	SST	D5	53
2		#2-56 x 1/8 Soc Set Scr	SST	D5	52
2		3/32 x 1/4 Dowel	SST	D5	51
2		#2-56 x 1/4 Soc Hd Cap Scr	SST	D5	50
2		M1.6 x 6mm Lg Soc Hd Cap Scr	SST	D5	49
2					48
3		#3-48 x 1/2 Fl Hd Soc Cap Scr	SST	H4	47
4		#0-80 x 1/8 Fl Hd Soc Cap Scr	SST	F4	46
5		#1-72 x 1/4 Fl Hd Soc Cap Scr	SST	G3	45
23		#1-72 x 3/16 Fl Hd Soc Cap Scr	SST	B2, F4	44
12		#3-48 x 1/4 Soc Hd Cap Scr	SST	B4, H4	43
6		0-80 x 1/4 Soc Hd Cap Scr	SST	C4	42
					41
	24DCDT-500, 500	Displacement Transducer	Hewlett-Packard	E5	40
	16C11-207-0	DC Motor	Portescap	E5	39
	P/N 3G40M2G438	Reduction Gr. Hd., 458:1	Portescap	E5	38
	1SX1-T	Switch	Micro-Switch	D6	37
	KA 025-XP5	Real-1-Slim Brg., 2 1/2 ID x 3 OD x 1/4 Thk	Kaydon	C3	36
					35
					34
1	A15	Drive Pin		F8	33
	B7	Aperture Plate		G3	32
1	A16	Spring, Nut		F8	31
1	B6	Nut Retainer		F8	30
1	A18	Lead Screw		F8	29
1	B4	Anchor, Core Spring		G8	28
1	A6	Screw, Core Adjust		G7	27
1	A13	Spring, Core Preload		G7	26
1	A11	Rod, Pivot		G7	25
1	A12	Nut, Spring Anchor		G7	24
1	A14	Core, Displacement Transducer		G7	23
1	A7	Bushing, Core Guide		F7	22
1	B9	Motor Mount		D6	21
1	A20	Switch Actuator		D6	20
:	A21	" "		D6	19
1	A5	Slide		G5	18
1	A8	Pin, Preload		G5	17
1	A2	Spring, Flat		G4	16
1	A3	Block, Spring Mounting		G4	15
1	A4	Slide Retainer		F4	14
1	D3	Stiffener, Base		F4	13
1	A19	Handling Rod		G2	12
1	A1	Shim, Bearing Preload		C3	11
1	D1	Base Plate		B3	10
1	E2	Body		B3	9
1	C2	Clamp, Bearing Outer Race		B4	8
1	B2	Bearing Retainer		C4	7
1	C3	Support Ring, Aperture Plate		C4	6
					5
1	B5	Split Nut Ass'y		F8	4
1	B10	Coupling, Shaft Ass'y		D6	3
1	B8	Lens Cover Ass'y			2
1	D2	Plate Sleeve - Lens Ass'y		G3	1

Not Shown: 44 (13)

Not Shown: 2, 1

PARTS LIST

TOLERANCES UNLESS OTHERWISE NOTED
DECIMALS: .XX ± .03, .XXX ± .010
FRACTIONS: ±
ANGULAR: ± 0° 30'

NEXT ASSEMBLY: 2131.004 E1

KITT PEAK NATIONAL OBSERVATORY
OPERATED BY THE ASSOCIATION OF UNIVERSITIES FOR RESEARCH IN ASTRONOMY, INC. UNDER CONTRACT WITH NATIONAL SCIENCE FOUNDATION

NAME: Spacial Multiplexing Spectrometer, Aperture Plate Assembly

REF FILE: 1335

DWG CL:

SCALE: 2/1

PRINT ISSUED

DESIGNED BY: F.S.H.

DRAWN BY: F.S.H.

CHECKED BY

DATE: 6-24-81

APPROVED BY

DATE: 7/10/81

DWG NO.: 2131.019 E1

REV

RELEASE DATE: 6-24-81

PEB 6-24-81