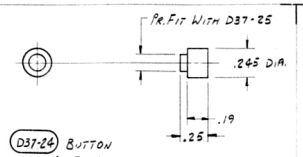
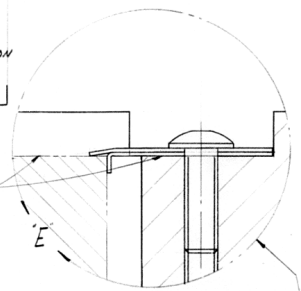
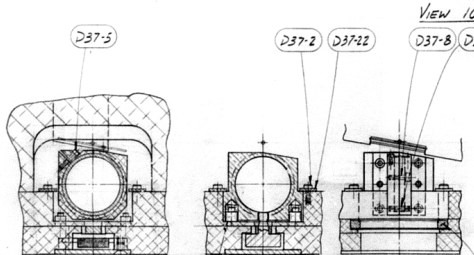


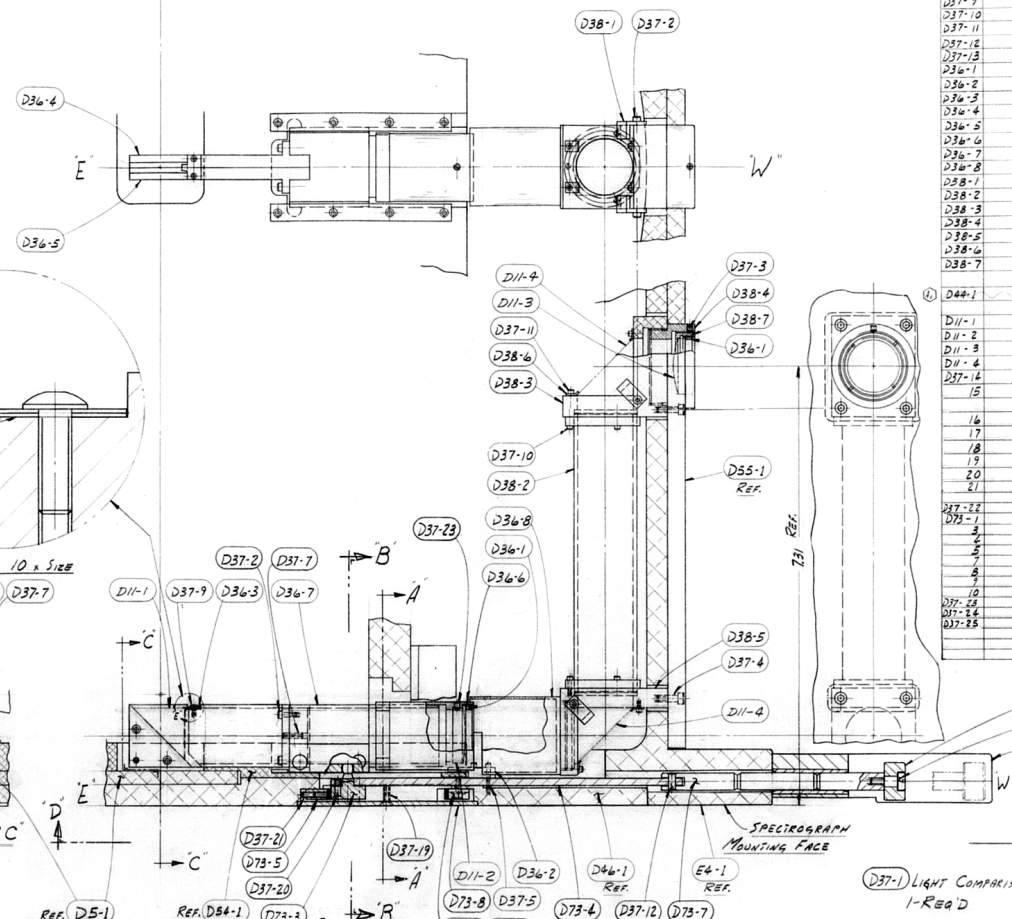
(D37-22) RETAINER
2-REQ'D
MAT'L: PHOSPHOR BRONZE
OPTICAL BLACK CHEMICALLY



(D37-24) BUTTON
4-REQ'D
MAT'L: BRONZE IMPREGNATED TEFLON
SCALE: 2/1

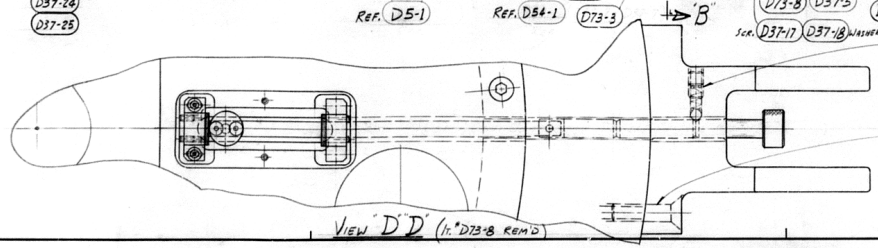






(D73-9) SEE IT."E8-1 FOR POSITION CALL-OUT

(D37-1) LIGHT COMPARISON OPTICAL SYSTEM ASS'Y
1-REQ'D



GRIND END TO BE FLUSH WITH OR INSIDE 5/16 DIA. (It. D73-7)

BILL OF MATERIAL

ITEM	DWG. NO.	QTY.	MATERIAL	DESCRIPTION	WEIGHT
D37-1		1		LIGHT COMPARISON OPTICAL SYSTEM ASS'Y	
D37-2		16	STL.	SOC HD CAP SCR #2-56 x 1/4	
D37-3		1	STAINLESS STL.	FIL #27-8 NO-MAR SOC SET SCR. #2-56 x 3/32	
D37-4		6	STL.	SOC HD CAP SCR. #5-40 x 3/8	
D37-5		5	STL.	SOC HD. CAP SCR. #0-80 x 1/8	
D37-6		2	STL.	VLIER #8M-56 BALL PLUNGER 1/4-20 x .531	
D37-7		3	STL.	SPECIAL SPRING PN 1/32 x 3/8 (DUCOMMUN)	
D37-8		2	STL.	SOC HD CAP SCR #2-56 x 3/16	
D37-9		2	STL.	BUTTON HD. SOC CAP SCR. #0-80 x 3/16	
D37-10		6	STL.	SOC HD CAP SCR. #0-80 x 1/4	
D37-11		8	STL.	SOC HD. CAP SCR. #0-80 x 1/8	
D37-12		1	STL.	DOWEL 1/8 x 5/16	
D37-13		1	STAINLESS STL.	BALL 1/16 DIA.	
D36-1		2		LENS RETAINER	
D36-2		2		STOP	
D36-3		2		LENS CLAMP	
D36-4		1		LENS HOLDER HALF	
D36-5		1		LENS HOLDER HALF	
D36-6		1		LENS HOLDER	
D36-7		1		SLIDE	
D36-8		1		LAMP SHIELD	
D38-1		4		PRISM GUIDE	
D38-2		1		TUBE	
D38-3		1		PRISM HOLDER	
D38-4		1		LENS CELL HOLDER	
D38-5		1		PRISM HOLDER	
D38-6		8		PRISM CLIP	
D38-7		1		LENS CELL	
D44-1		1		RETRACTOR ASS'Y	
D11-1		1		CYLINDER LENS	
D11-2		1		CYLINDER LENS	
D11-3		1		SPHERICAL LENS	
D11-4		2		PRISM	
D37-14		1	MUSIC WIRE	SPRING TO SUIT	
15		1	STAINLESS STL.	SOC SET SCR. 1/4-20 x 1/4 LG. UNSET THD. TO CREATE A SLIGHT LOCKING ACTION	
16		2	STAINLESS STL.	SLOTTED FL HD MACH SCR. 1/16 x 1/4	
17		4	STAINLESS STL.	SOC HD CAP SCR. #2-56 x 1/4	
18		4	BRASS	FLAT WASHER #3	
19		2	BRASS	SLOTTED FL HD MACH SCR #5-40 x 1/4	
20		2	STL.	SOC FL HD SCR #4-40 x 3/8	
21		4	STAINLESS STL.	SOC SET SCR #4-40 x 1/4 UNSET THD TO CREATE A SLIGHT LOCKING ACTION	
D37-22		1	PHOSPHOR BRONZE	.064 x .312 x 3.25	
D73-1		1		BEARING BLOCK	
2		1		DRIVE PIN	
3		1		LINK	
4		1		BUMPER	
5		2		PUSH-PULL ROD	
6		1		MOVE COVER	
7		1		HAND KNOB	
8		1		SHOULDER SCR.	
9		1		SHOULDER SCR.	
10		1		SLOTTED CORE PRINT TEE SCR. #440 x 1/8 x 90°	
D37-23		6	VESPEL	BRONZE IMPREGNATED TEFLON .245 DIA. x .125 LG	
D37-24		6	BRONZE IMPREGNATED TEFLON	SPRING TO SUIT	
D37-25		6	SPRING TO SUIT		

QUANT.	PRINT RECORD	DATE

NO.	REVISION	DATE	BY
(B)	ADDED D37-24 & D37-25	3 MAY 65	JMP
(C)	ADDED VIEW E AS-BUILT	27 DEC 67	JMP
(A)	ADDED It. "D37-23		
(E)	It. "D37-22 WAS D45-9		
(A)	ADDED It. "D37-12 THRU 21 & D73-1 THRU 10		
(D)	REM'D ITEM "D44-1	27 DEC 67	PETRI

FOR NEXT ASS'Y SEE 2028.01-E1

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

84" TELESCOPE -- CASSEGRAIN SPECTROGRAPH

TOLERANCES UNLESS NOTED: DECIMAL .00 ±.01, .000 ±.005; FRACTIONAL ± 1/64, ± 1/16

DESIGNED BY R.C. BRAKEHILL DATE 8 DEC 65
DRAWN BY PETRI DATE 1-28-66
APPROVED BY [illegible] DATE 6-2-66
SCALE FULL

NAME LIGHT COMPARISON OPTICAL SYSTEM ASSEMBLY

DWG. NUMBER 2028.01-D37 REV. B

REQ. 2090

DISTRIBUTION POST CLEARANCE 10000