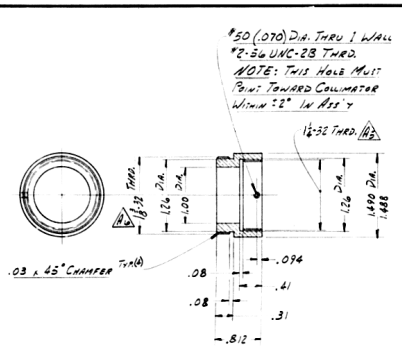
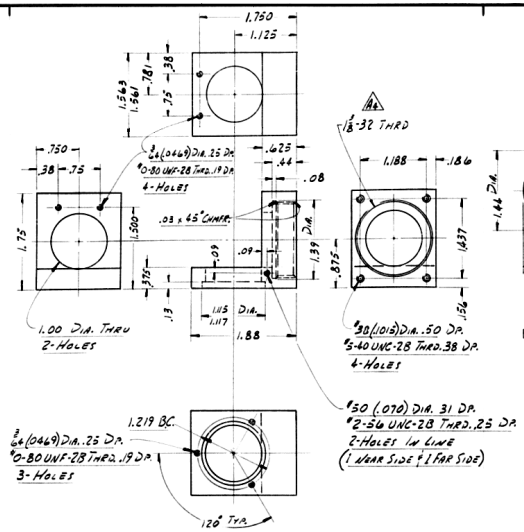
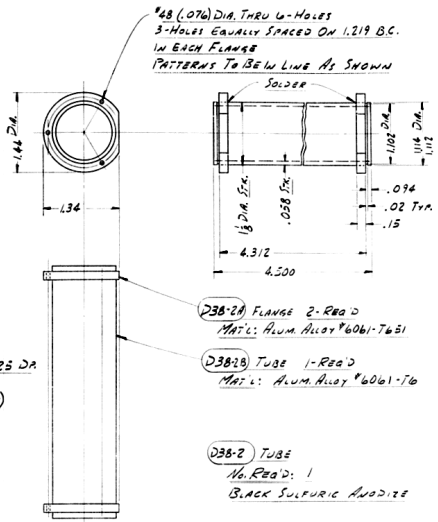
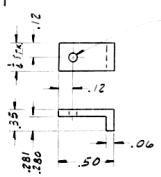






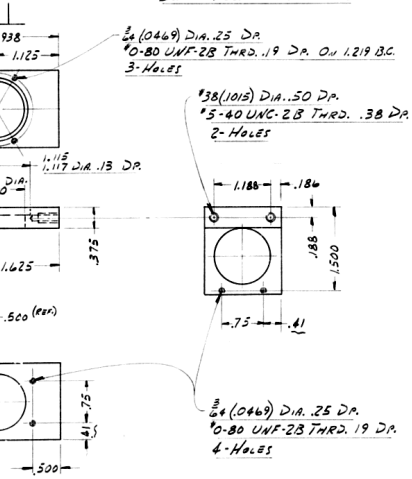
BILL OF MATERIAL					
ITEM	DWG. NO.	QTY.	MATERIAL	DESCRIPTION	WEIGHT
D38-1		4	ALUM. ALLOY #2024-T4	1/4 x .35 x 1/2	
-2		1		TUBE	
-2A		2	ALUM. ALLOY #6061-T651	.15 THK. x 1.44 DIA.	
-2B		1	ALUM. ALLOY #6061-T6	1/8 O.D. x .058 WALL TUBING	
-3		1	ALUM. ALLOY #2024-T4	1.563 x 1.75 x 1.88	
-4		1	BRASS ALLOY #271	1.490 DIA. x .812 LG.	
-5		1	ALUM. ALLOY #2024-T6	1.563 x 1.593 x 1.938	
-6		8	PHOS. BRONZE ALLOY #351	.016 x .19 x 5/16	
-7		1	BRASS ALLOY #271	1/16 DIA. x .344 LG.	

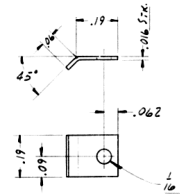
NOTE: SIZE OF MATERIAL GIVEN IS NOT INTENDED TO PROVIDE STOCK FOR MACHINING. STOCK SHALL BE SUFFICIENT TO MACHINE TO FINISHED DIMENSIONS AND QUALITIES NOTED. SEE THE TOOL ENGINEER FOR ASSISTANCE.



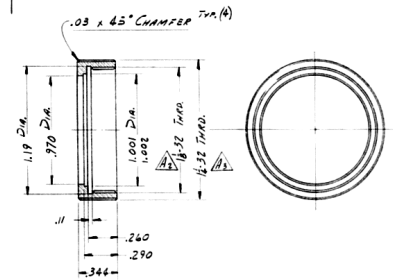
D38-1 PRISM GUIDE
No. REQ'D: 4
MAT'L: ALUM. ALLOY #2024-T4
BLACK SULFURIC ANODIZE
SCALE: 2 x SIZE

D38-4 LENS CELL HOLDER
No. REQ'D: 1
MAT'L: BRASS ALLOY #271
OPTICAL BLACK CHEMICALLY





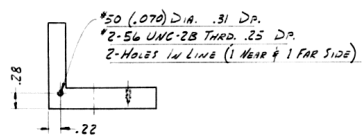
D38-6 PRISM CLIP
No. REQ'D: 8
MAT'L: PHOS. BRONZE ALLOY #351
OPTICAL BLACK CHEMICALLY
SCALE: 4 x SIZE



D38-7 LENS CELL
No. REQ'D: 1
MAT'L: BRASS ALLOY #271
OPTICAL BLACK CHEMICALLY
SCALE: 2 x SIZE

REF. FIG. 2090

D38-5 PRISM HOLDER
No. REQ'D: 1
MAT'L: ALUM. ALLOY #2024-T4
BLACK SULFURIC ANODIZE



REMOVE ALL BURRS & SHARP EDGES UNLESS OTHERWISE SPECIFIED

QUANT.	PRINT RECORD	DATE

TOLERANCES UNLESS OTHERWISE NOTED:
DECIMAL ±.010 ANGLES ±1/4°
FRACTIONAL ±1/64

REVISION			
NO.		DATE	BY
A4	1/4-32 THRD. WAS 1/4-32 UNF-2A THRD.		
A3	1/4-32 THRD. WAS 1/4-28 UNEF-2B THRD.		
A2	1/4-32 THRD. WAS 1/4-32 UNF-2B THRD.		
A1	1/4-32 THRD. WAS 1/4-32 UNEF-2A THRD.		
A	1/4-32 THRD. WAS 1/4-28 UNEF-2B THRD.		
A1	1/4-32 THRD. WAS 1/4-28 UNEF-2B THRD.		

FOR NEXT ASS'Y SEE: 2028.01-D37

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 ±.010 ±.005 ±.002 ±.000; FRACTIONAL ±1/64 ±1/128 ±1/256	DESIGNED BY J. E. MAURELL	DATE 10-12-64
	DRAWN BY PETRI	DATE 12-22-64
	APPROVED BY [illegible]	DATE 4-20-65
NAME LIGHT COMPARISON	SCALE FULL	
OPTICAL SYSTEM -- DETAILS	DWG. NUMBER 2028.01-D38	REV. A

DIETZGEN-POST CLEARPRINT 11X17