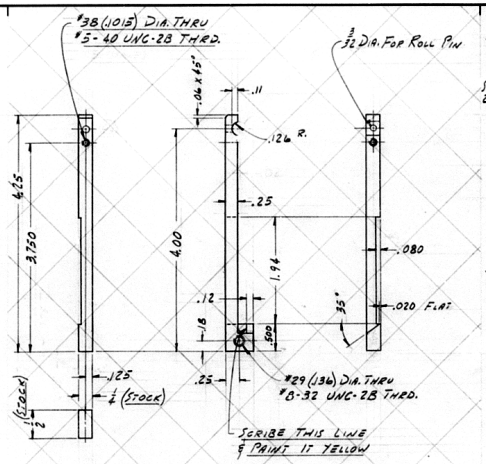
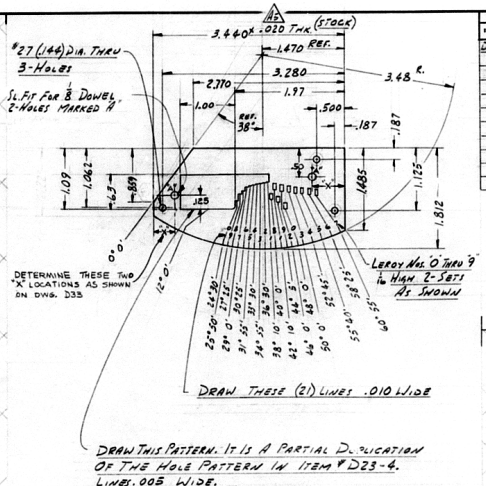
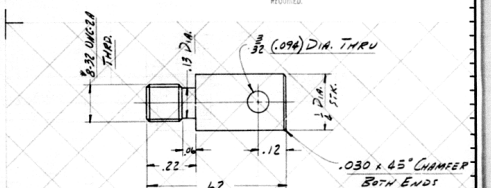






BILL OF MATERIAL				
ITEM	DWG. NO.	QTY.	MATERIAL	DESCRIPTION
D34-1		1	ALUM. ALLOY #2024-T4	1/4 DIA. x 1.62
2		1	METAL PHOTO (ALUM.) (SEE DETAIL)	.020 x 1.812 x 3.44
3		1	ALUM. ALLOY 2024-T4	.25 x 1.50 x 6.26
4		1	ALUM. ALLOY 2024-T4	.25 x .25 x 1.50
5		1	#416 STAINLESS STL.	1/2 DIA. x 5.06 LG.
6		1	PHOS. BRONZE ALLOY #351	.064 x 2.5 x .75
7		1	ALUM. ALLOY #2024-T4	.38 x 1.9 x 2.12
8		1	ALUM. ALLOY #2024-T4	.77 x 1.25 x 1.75
9		1	ALUM. ALLOY #2024-T4	1/8 DIA. x 3.38

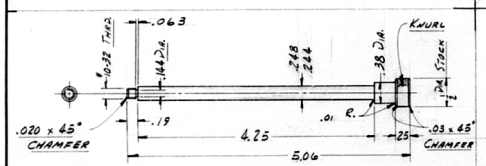
NOTE: SIZES OF MATERIAL LISTED DO NOT INCLUDE STOCK ALLOWANCE FOR MACHINING AND CUTTING OFF EXCEPT WHERE THE NON-EXISTENCE THE MATERIAL REQUISITION FOR LIVE PIECE ONLY. QUANTITIES NOTED ARE THE TOTAL NUMBER REQUIRED.



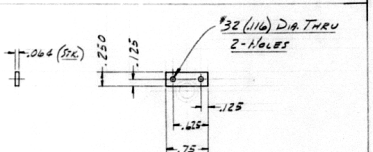
(D) NOTE: THIS IT. NO. EXISTS, BUT IS NOT NOW USED AS OF DATE 5-22-70

(D34-2) CONTROL PANEL DECKER REPLICA
No. Req'd: 1
(4) Mat'l: DRAW PART COMPLETELY (NO DIM.) IN INK ON MYLAR 5 x SIZE & REDUCE PHOTOGRAPHICALLY, WITH A WHITE BACKGROUND, TO FULL SIZE. PRINT ON .020 THICK 'METAL PHOTO' ALUMINUM.
(6) NOTE: DWG. # FOR 5 x SIZE LAYOUT IS 2028.01-D63

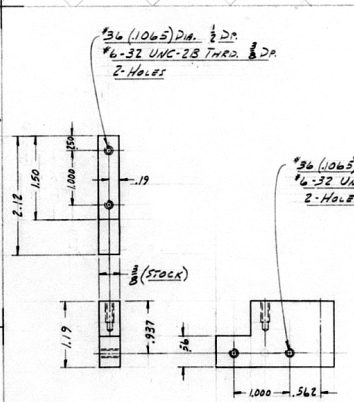
(E) (D34-1) POST
No. Req'd: 1
Mat'l: ALUM. ALLOY #2024-T4
BLACK SULFURIC ANODIZE
SCALE: 4 x SIZE



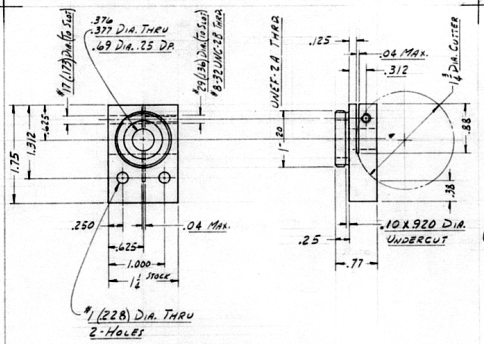
(D34-5) SHUTTER ROD
No. Req'd: 1
Mat'l: STAINLESS STEEL ALLOY #416 (4a)
BLACK SULFURIC ANODIZE



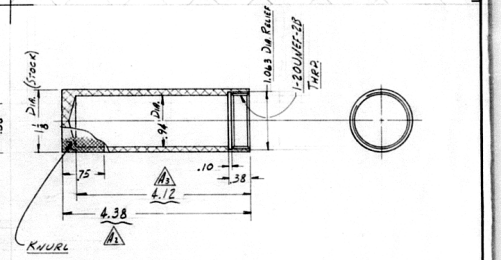
(D34-6) KEY
No. Req'd: 1
Mat'l: PHOS. BRONZE ALLOY #351
OPTICAL BLACK CHEMICALLY



(D34-7) SWITCH MOUNTING BRACKET
(1) No. Req'd: 1
Mat'l: ALUM. ALLOY #2024-T4
BLACK SULFURIC ANODIZE



(D34-8) MICROMETER CLAMP
No. Req'd: 1
Mat'l: ALUM. ALLOY #2024-T4
BLACK SULFURIC ANODIZE



(D34-9) MICROMETER GUARD
No. Req'd: 1
Mat'l: ALUM. ALLOY #2024-T4
BLACK SULFURIC ANODIZE

REF. FILE 2030

Remove All Burrs & Sharp Edges Unless Otherwise Specified

QUANT.	PRINT RECORD	DATE

	REVISION	ECR.	DATE	BY
E	ITEMS D34-1 & -3 DELETED	0636	6-14-72	RBH
D	ADDED 'NOT NOW USED' NOTE	0463	5-26-70	WLF
C	REVISED AS-BUILT		12/15/67	WLF
B	ADDED NOTE		6-7-66	R
A6	STK. STL. #416 WAS ALUM ALLOY #2024-T4			
A5	.020 THK. STOCK WAS .032 THK. STOCK			
A4	1/2 D34-2 MAT'L WAS LAMINATED PLASTIC			
A3	6.12 DIM. WAS 3.12			
A2	4.38 DIM. WAS 3.38			
A1	1/2 D34-7 REDESIGNED & REDRAWN		10 MAR 65	PETRI
NO.				

TOLERANCES UNLESS OTHERWISE NOTED.
DECIMAL .00 ± .010 .000 ± .005 ANGLES ± 1/4°
FRACTIONAL — FABRICATION: UP TO 10" ± 1/16; 10" TO 50" ± 1/8; 50" & OVER ± .25 .005"/INCH
MACHINING: UP TO 10" ± .015; 10" TO 50" ± .020; 50" & OVER ± .050 .001"/INCH
MACHINED SURFACES ARE FINISHED TO 125 UNLESS OTHERWISE SPECIFIED.

For Next Ass'y See Dwg. # 2028.01-D33

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

DESIGNED BY	R.W. ANDERSKILL	DATE 9-20-63
DRAWN BY	PETRI	DATE 1-8-63
APPROVED BY		DATE 2-20-63
SCALE	FULL	
DWG. NUMBER	2028.01-D34	REV. E

NAME: DETAILS MAIN CONTROL PANEL