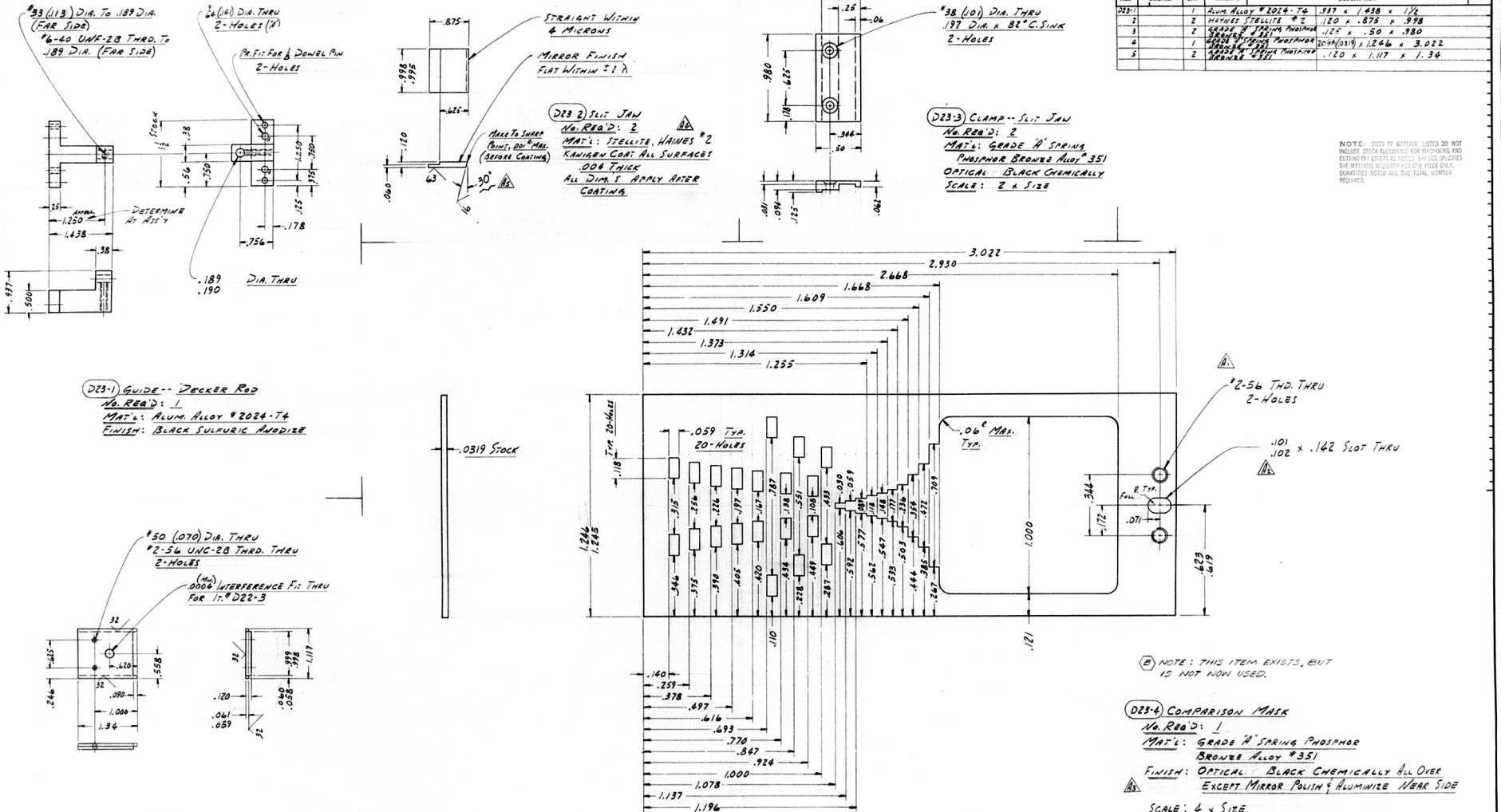


BILL OF MATERIAL

ITEM	DWG. NO.	QTY.	MATERIAL	DESCRIPTION	WEIGHT
D23-1		1	ALUM. ALLOY #2024-T4	.937 x 1.438 x 1½	
2		2	HAYNES STELLITE #2	.120 x .875 x .998	
3		2	GRADE "A" SPRING PHOSPHOR BRONZE #351	.125 x .50 x .980	
4		1	GRADE "A" SPRING PHOSPHOR BRONZE #351	.2046/.0319 x 1.246 x 3.022	
5		2	GRADE "A" SPRING PHOSPHOR BRONZE #351	.120 x 1.117 x 1.34	

NOTE: SIZES OF MATERIAL LISTED DO NOT INCLUDE STOCK ALLOWANCE FOR MACHINING AND CUTTING OFF EXCEPT AS NOTED. THE SIZE GIVEN IS THE MATERIAL REQUIRED FOR ONE PIECE ONLY. QUANTITIES NOTED ARE THE TOTAL NUMBER REQUIRED.

(B) NOTE: THIS ITEM EXISTS, BUT IS NOT NOW USED.

D23-4 COMPARISON MASK
No. REQ'D: 1
MAT'L: GRADE "A" SPRING PHOSPHOR BRONZE ALLOY #351
FINISH: OPTICAL BLACK CHEMICALLY ALL OVER EXCEPT MIRROR POLISH & ALUMINIZE NEAR SIDE
SCALE: 4 x SIZE

REF. FILE 2090

NOTE: REMOVE ALL BURRS & SHARP EDGES UNLESS OTHERWISE SPECIFIED

TOLERANCES UNLESS OTHERWISE NOTED: DECIMAL .00 ±.010, .000 ±.005; ANGLES ± 1/4°; FRACTIONAL — FABRICATION: UP TO 10" ± 1/16, 10" TO 30" ± 1/8, 30" & OVER ± .25; MACHINING: UP TO 10" ± .010, 10" TO 30" ± .020, 30" & OVER ± .050. MACHINED SURFACES ARE FINISHED TO 125 UNLESS OTHERWISE SPECIFIED.

QUANT.	PRINT RECORD	DATE

NO.	REVISION	ECR	DATE	BY
B	ADDED "NOT NOW USED" NOTE	0838	6-13-72	SC
A5	30° WAS 15°			
A6	ADDED HAINES #2			
A3	ADDED MIRROR POLISH & ALUMINIZE NEAR SIDE			
A7	101-102 x .142 SLOT WAS .101-102 HOLE			
A1	ADD #2-56 THD. THRU 2-HOLES			

3 MAY 67 PETRI

FOR ASSEMBLY SEE: 2028.01-D6

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 L.C. MACKRILL DATE 4-10-68
DRAWN BY PETRI DATE 4-30-68
APPROVED BY [illegible] DATE 5 MAY 68
SCALE 2 FULL & NOTED

NAME DETAILS SLIT MECHANISM

DWG. NUMBER 2028.01-D23 REV. B