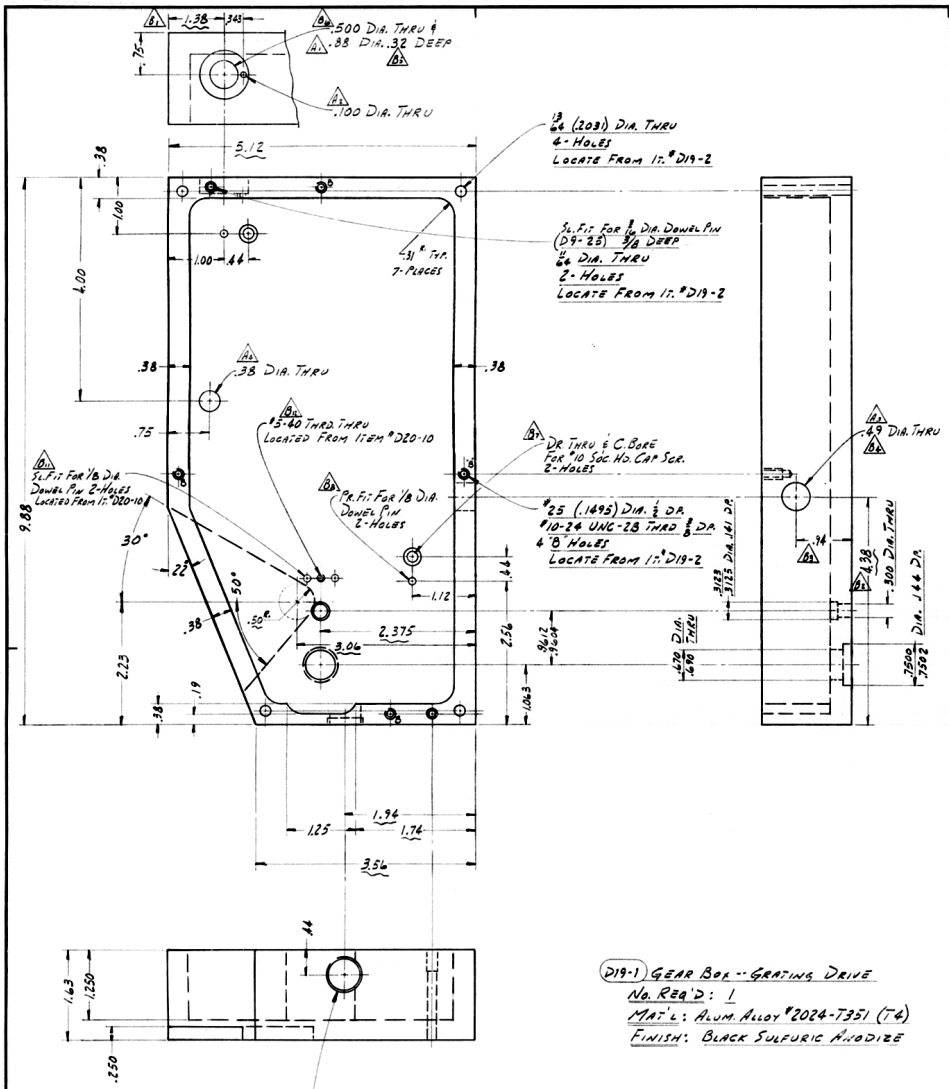
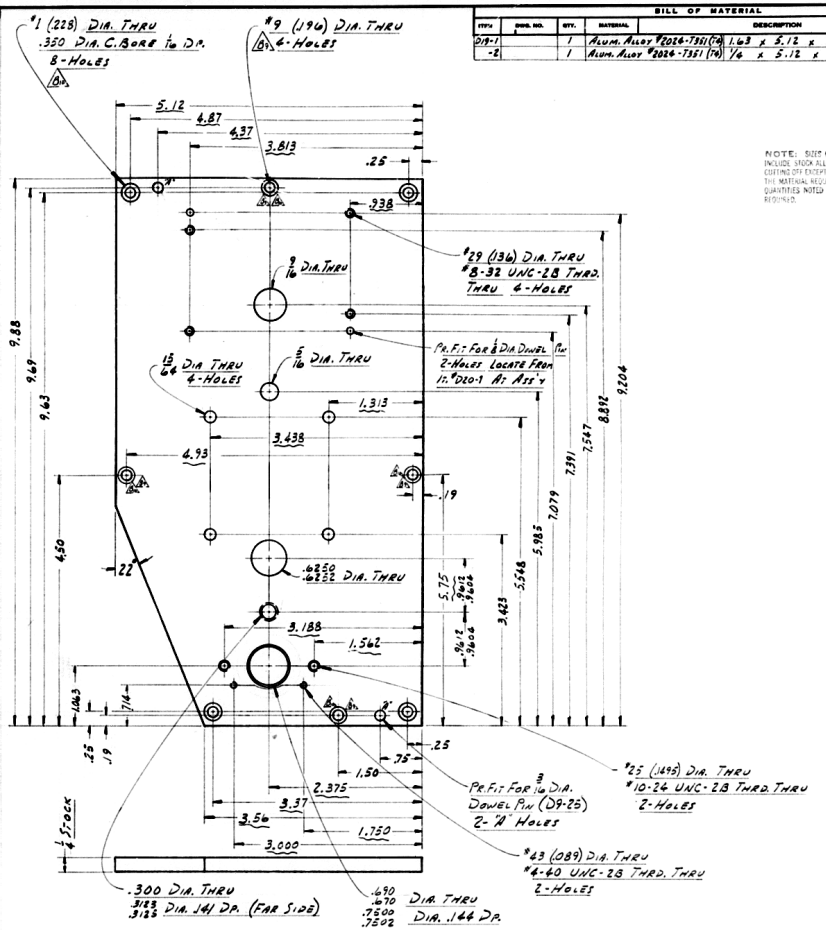


D19-1 GEAR BOX -- GRATING DRIVE
No. Req'd: 1
Mat'l: Alum. Alloy #2024-T351 (T4)
Finish: Black Sulfuric Anodize



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

BILL OF MATERIAL

ITEM	DWG. NO.	QTY.	MATERIAL	DESCRIPTION	WEIGHT
D19-1		1	Alum. Alloy #2024-T351 (T4)	1.63 x 5.12 x 9.88	
-2		1	Alum. Alloy #2024-T351 (T4)	1/4 x 5.12 x 9.88	

D19-2 COVER -- GEAR BOX
No. Req'd: 1
Mat'l: Alum. Alloy #2024-T351 (T4)
Finish: Black Sulfuric Anodize

REF. FILE 2030

QUANT.	PRINT RECORD	DATE

NO.	REVISION	DATE	BY
B12	Added #5-40 Thrd		
B11	Added SL Fit For 2 1/8 Dowel Pins		
B10	#1 Dia. 8-Holes Was 4-Holes		
B9	Rem'd 4 - #9 Holes		
B8	Added Pr. Fit For 2-1/8 Dowel Pins		
B7	Added C'Bore For 2-#10 Soc. Hd. Cap Scr.		
B6	.92 Rdst Was .29 Dia. .500 Dia. Was .515		
B5	.96 Dim. Was 1.00 Dia. 4.39 Dim. Was 4.25		
B4	1.38 Dim. Was 1.00 Dia. .82 Dim. Was .75		
A1	Added .515 Dia. Thru, .82 Dia. .29 Deep .100 Dia. Thru, 4.50 Dia. Thru 13/64 Dia. Thru 5/8 Dia. Thru	20 Oct 65	PETRI

TOLERANCES UNLESS OTHERWISE NOTED:
DECIMAL ±0.00 ±.005 ±0.000 ±.002
ANGLES ± 1/4°
FRACTIONAL — FABRICATION: UP TO 10" ± 1/16; 10" TO 72" ± 1/8; 72" & OVER ± .05
MACHINING: UP TO 10" ± .010; 10" TO 50" ± .020; 50" & OVER ± .050
± .005 INCH
MACHINED SURFACES ARE FINISHED TO 125 UNLESS OTHERWISE SPECIFIED.

FOR ASSEMBLY SEE: 2028.01-D9

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	J.C. ANGEL, R.L.
DATE	10-22-62
DRAWN BY	PETRI
DATE	8-17-62
APPROVED BY	J.C. ANGEL, R.L.
DATE	8-17-62
SCALE	FULL
NAME	DETAILS GRATING DRIVE
DWG. NUMBER	2028.01-D19 B