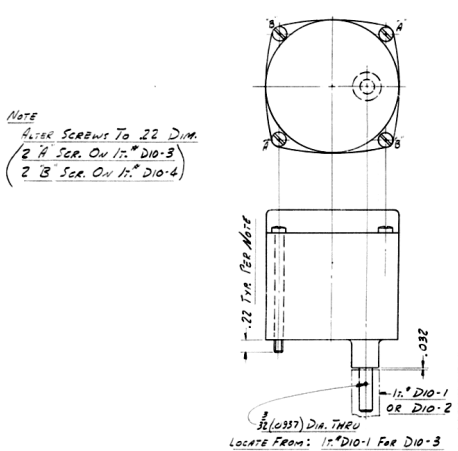
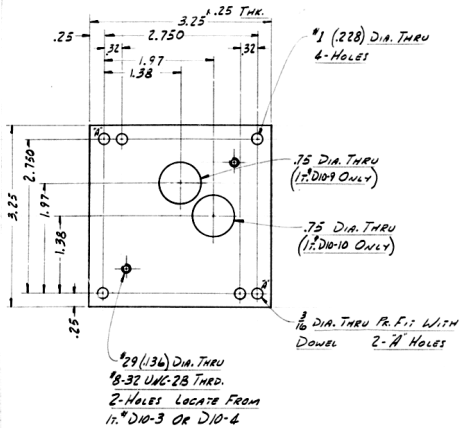


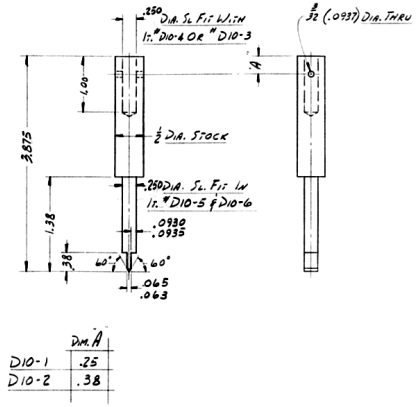
D10-3 MOTOR 1-REQ'D
D10-4 MOTOR 1-REQ'D

MAT'L: "BODINE" CAT. NO. B8122E-1800C
ALTER AS SHOWN



D10-9 MOTOR MOUNTING PLATE 1-REQ'D
D10-10 MOTOR MOUNTING PLATE 1-REQ'D

MAT'L: TRANSITE (HARD ASBESTOS)
PAINT: FLAT BLACK



	DIM. A
D10-1	.25
D10-2	.38

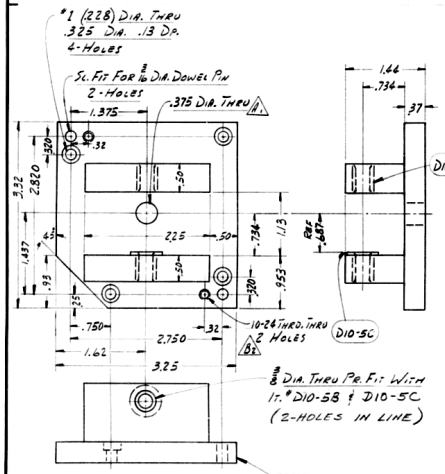
D10-1 MOTOR SHAFT EXTENSION 1-REQ'D
D10-2 MOTOR SHAFT EXTENSION 1-REQ'D

MAT'L: STAINLESS STEEL TYP. 416 COND. A

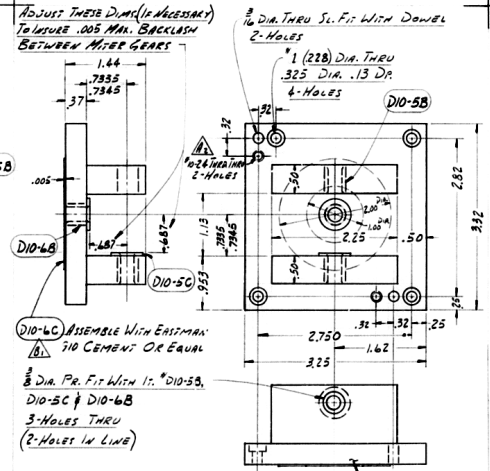
BILL OF MATERIAL

ITEM	DWG. NO.	QTY.	MATERIAL	DESCRIPTION	WEIGHT
D10-1		1	STN. STL. TYP. 416 COND. A	1/2 DIA. x 3.82	
2		1	STN. STL. TYP. 416 COND. A	1/2 DIA x 3.82	
3		1	BODINE MOTOR CAT.* B8122E-1800C		
4		1	BODINE MOTOR CAT.* B8122E-1800C		
5A		1	ALUM. ALLOY 2024-T4	1.44 x 3.25 x 3.32	
6A		1	ALUM. ALLOY 2024-T4	1.44 x 3.25 x 3.32	
7		2	STAINLESS STEEL	PIC *A6-12 (1/4 DIA. x 1.25 SHAFT)	
8		1	STAINLESS STEEL	PIC *A6-15 (1/4 DIA. x 1.50 SHAFT)	
9		1	TRANSITE (HARD ASBESTOS)	.25 x 3.25 x 3.25	
10		1	TRANSITE (HARD ASBESTOS)	.25 x 3.25 x 3.25	
5B		2	OILLESS BRONZE	PIC* B10-11 BEARING (1/4 I.D. x 3/8 O.D. x 1/2 LG)	
5C		2	OILLESS BRONZE	PIC* B11-11 FLANGE BSG (1/4 I.D. x 3/8 O.D. x 1/16 LG)	
6B		1	OILLESS BRONZE	PIC* B12-10 FLANGE BSG (3/16 I.D. x 1/2 O.D. x 1/8)	
5		1		PILLOW BLOCK	
6		1		PILLOW BLOCK	
6C		1	ETCHED TEFLON SHEET	.005 x 2.00 DIA.	

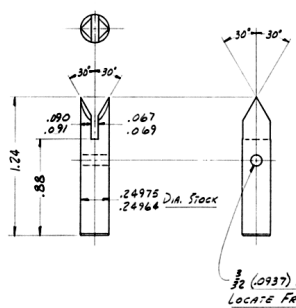
NOTE: SIZES OF MATERIAL LISTED DO NOT INCLUDE STOCK ALLOWANCE FOR MACHINING AND CUTTING OFF EXCEPT AS NOTED. THE SIZE SPECIFIED THE MATERIAL REQUIRED FOR ONE PIECE ONLY. QUANTITIES NOTED ARE THE TOTAL NUMBER REQUIRED



D10-5 PILLOW BLOCK
No. REQ'D: 1
MAT'L: ALUM. ALLOY *2024-T4
BLACK SULFURIC ANODIZE
.125 FINISH ALL OVER

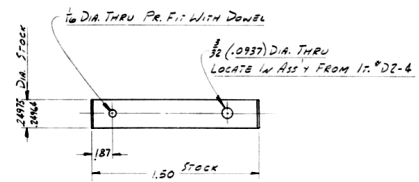


D10-6 PILLOW BLOCK
No. REQ'D: 1
MAT'L: ALUM. ALLOY *2024-T4
BLACK SULFURIC ANODIZE
.125 FINISH ALL OVER



D10-7 GEAR SHAFT
No. REQ'D: 2
MAT'L: PIC *A6-12 (STAINLESS STEEL)

SCALE: 2 x SIZE



D10-8 AXLE DRIVE SHAFT
No. REQ'D: 1
MAT'L: PIC *A6-15 (STAINLESS STEEL)

SCALE: 2 x SIZE

REF. FILE 2090

REMOVE ALL BURRS & SHARP EDGES UNLESS OTHERWISE SPECIFIED

TOLERANCES UNLESS OTHERWISE NOTED:
DECIMAL .03 .010 ANGLES ± 1/4°
.0005
FRACTIONAL
.015
MACHINED SURFACES ARE FINISHED TO 125 UNLESS OTHERWISE SPECIFIED.

QUANT.	PRINT RECORD	DATE

NO.	REVISION	DATE	BY
B2	ADDED *10-24 THRD. 2 HOLES		
B1	ADDED IT.* D10-6C		
A2	ADDED 10-24 THRD		
A1	.375 DIA WAS .38 DIA		

FOR NEXT ASS'Y SEE 2028.01-D2

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	A.R. MACHELL — DATE OCT 1962
DRAWN BY	PET-RI — DATE 2-17-66
APPROVED BY	A.R. M. — DATE 3-16-66
SCALE	FULL — DATE MAY 66

NAME: GRATING AXLE DETAILS

DWG. NUMBER 2028.01-D10 REV. B