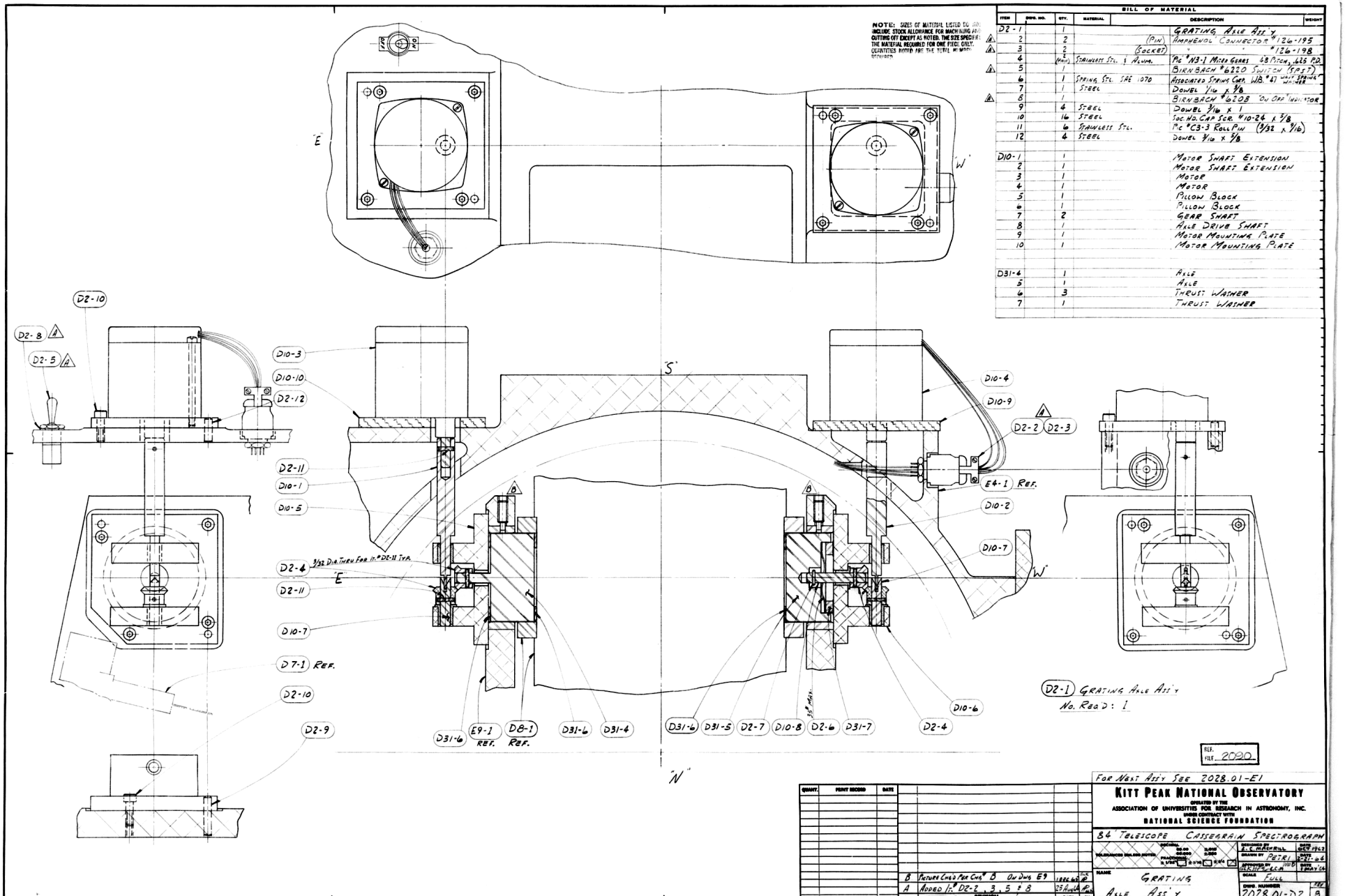



NOTE: SIZES OF MATERIAL LISTED DO NOT INCLUDE STOCK ALLOWANCE FOR MACHINING AND CUTTING OFF EXCEPT AS NOTED. THE SIZE SPECIFIED IS THE MATERIAL REQUIRED FOR ONE PIECE ONLY. QUANTITIES NOTED ARE THE TOTAL NUMBER REQUIRED

BILL OF MATERIAL

| ITEM | DWG. NO. | QTY. | MATERIAL | DESCRIPTION | WEIGHT |
|---|---|---|---|---|---|
| D2-1 | | 1 | | GRATING, AXLE ASS'Y | |
| 2 | | 2 | (PIN) | AMPHENOL CONNECTOR #126-195 | |
| 3 | | 2 | (SOCKET) | " #126-198 | |
| 4 | | 2 (PAIR) | STAINLESS STL. & ALUM. | MC #N3-1 MITER GEARS 48 PITCH, .625 P.D. | |
| 5 | | 1 | | BIRNBACH #6220 SWITCH (SPST) | |
| 6 | | 1 | SPRING STL. SAE 1070 | ASSOCIATED SPRING CORP. WB. #47 WIRE DIA. .394 WIRE LGTH. .988 | |
| 7 | | 1 | STEEL | DOWEL 1/16 x 3/8 | |
| 8 | | 1 | | BIRNBACH #6208 "ON OFF" INDICATOR | |
| 9 | | 4 | STEEL | DOWEL 3/16 x 1 | |
| 10 | | 16 | STEEL | SOC. HD. CAP SCR. #10-24 x 3/8 | |
| 11 | | 6 | STAINLESS STL. | MC #C3-3 ROLL PIN (3/32 x 9/16) | |
| 12 | | 4 | STEEL | DOWEL 3/16 x 5/8 | |
| D10-1 | | 1 | | MOTOR SHAFT EXTENSION | |
| 2 | | 1 | | MOTOR SHAFT EXTENSION | |
| 3 | | 1 | | MOTOR | |
| 4 | | 1 | | MOTOR | |
| 5 | | 1 | | PILLOW BLOCK | |
| 6 | | 1 | | PILLOW BLOCK | |
| 7 | | 2 | | GEAR SHAFT | |
| 8 | | 1 | | AXLE DRIVE SHAFT | |
| 9 | | 1 | | MOTOR MOUNTING PLATE | |
| 10 | | 1 | | MOTOR MOUNTING PLATE | |
| D31-4 | | 1 | | AXLE | |
| 5 | | 1 | | AXLE | |
| 6 | | 3 | | THRUST WASHER | |
| 7 | | 1 | | THRUST WASHER | |

REF. FILE 2090

FOR NEXT ASS'Y SEE 2028.01-E1

| QUANT. | PRINT RECDD | DATE |
|---|---|---|
| | | |

| NO. | REVISION | DATE | BY |
|---|---|---|---|
| B | PICTURE CHG'S PER CUST. B ON DWG E9 | 1 DEC 64 | RP |
| A | ADDED #'S: D2-2, 3, 5 & 8 | 23 AUG 64 | RP |

**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 .XX ±.03, .XXX ±.005; FRACTIONAL ±1/64; ANGULAR ±1°

DESIGNED BY R.C. MAYFIELD — DATE OCT 1962
DRAWN BY PETRI — DATE OCT 10 64
APPROVED BY R.C.M. — DATE 1 MAY 64
SCALE FULL

NAME GRATING AXLE ASS'Y

DWG. NUMBER 2028.01-D2 — REV B