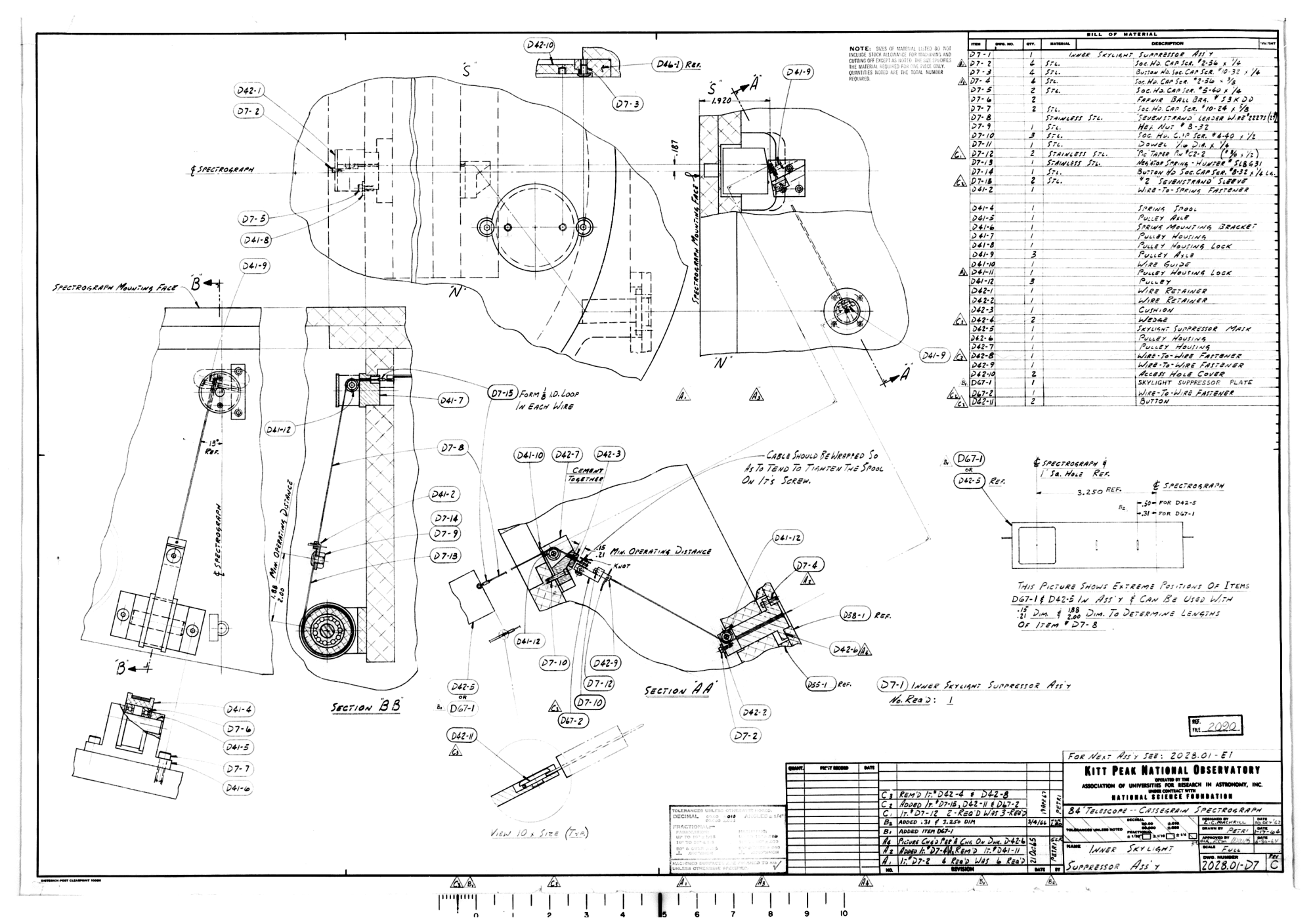

NOTE: SIZES OF MATERIAL LISTED DO NOT INCLUDE STOCK ALLOWANCE FOR MACHINING AND CUTTING OFF EXCEPT AS NOTED. THE SIZE SPECIFIES THE MATERIAL REQUIRED FOR ONE PIECE ONLY. QUANTITIES NOTED ARE THE TOTAL NUMBER REQUIRED.
BILL OF MATERIAL
ITEM | DWG. NO. | QTY. | MATERIAL | DESCRIPTION
D7-1 | | 1 | | INNER SKYLIGHT SUPPRESSOR ASS'Y
D7-2 | | 4 | STL. | SOC. HD. CAP SCR. #8-56 x 1/4
D7-3 | | 4 | STL. | BUTTON HD. SOC. CAP SCR. #10-32 x 1/6
D7-4 | | 4 | STL. | SOC. HD. CAP SCR. #2-56 x 3/8
D7-5 | | 2 | STL. | SOC. HD. CAP SCR. #6-40 x 1/4
D7-6 | | 2 | | FARNIR BALL BRG. #S3K DD
D7-7 | | 2 | STL. | SOC. HD. CAP SCR. #10-24 x 3/8
D7-8 | | | STAINLESS STL. | SEVENSTRAND LEADER WIRE #22271 (17)
D7-9 | | 1 | STL. | HEX. NUT #8-32
D7-10 | | 3 | STL. | SOC. HD. C'SK SCR. #4-40 x 1/2
D7-11 | | 1 | STL. | DOWEL 1/16 DIA. x 1/4
D7-12 | | 2 | STAINLESS STL. | PRE TAPPED PIN #C2-2 (#3/16 x 1/2)
D7-13 | | 1 | STAINLESS STL. | HEALTOR SPRING - HUNTER #S18431
D7-14 | | 1 | STL. | BUTTON HD. SOC. CAP SCR. #8-32 x 1/4 LG.
D7-15 | | 2 | STL. | #2 SEVENSTRAND SLEEVE
D41-2 | | 1 | | WIRE-TO-SPRING FASTENER
D41-4 | | 1 | | SPRING SPOOL
D41-5 | | 1 | | PULLEY AXLE
D41-6 | | 1 | | SPRING MOUNTING BRACKET
D41-7 | | 1 | | PULLEY HOUSING
D41-8 | | 1 | | PULLEY HOUSING LOCK
D41-9 | | 3 | | PULLEY AXLE
D41-10 | | 1 | | WIRE GUIDE
D41-11 | | 1 | | PULLEY HOUSING LOCK
D41-12 | | 3 | | PULLEY
D42-1 | | 1 | | WIRE RETAINER
D42-2 | | 1 | | WIRE RETAINER
D42-3 | | 1 | | CUSHION
D42-4 | | 2 | | WEDGE
D42-5 | | 1 | | SKYLIGHT SUPPRESSOR MASK
D42-6 | | 1 | | PULLEY HOUSING
D42-7 | | 1 | | PULLEY HOUSING
D42-8 | | 1 | | WIRE-TO-WIRE FASTENER
D42-9 | | 1 | | WIRE-TO-WIRE FASTENER
D42-10 | | 2 | | ACCESS HOLE COVER
D67-1 | | 1 | | SKYLIGHT SUPPRESSOR PLATE
D67-2 | | 1 | | WIRE-TO-WIRE FASTENER
D42-11 | | 2 | | BUTTON
℄ SPECTROGRAPH
SPECTROGRAPH MOUNTING FACE
SECTION "BB"
SECTION "AA"
CEMENT TOGETHER
CABLE SHOULD BE WRAPPED SO AS TO TEND TO TIGHTEN THE SPOOL ON ITS SCREW.
MIN. OPERATING DISTANCE
FORM 1/8 I.D. LOOP IN EACH WIRE
KNOT
REF.
3.250 REF.
.50 FOR D42-5
.31 FOR D67-1
THIS PICTURE SHOWS EXTREME POSITIONS OF ITEMS D67-1 & D42-5 IN ASS'Y & CAN BE USED WITH .15/.21 DIM. & 1.88/2.00 DIM. TO DETERMINE LENGTHS OF ITEM # D7-8
D7-1 INNER SKYLIGHT SUPPRESSOR ASS'Y
No. Req'd: 1
VIEW 10 x SIZE (T.R.)
C3 REM'D 1: #D42-4 & D42-8
C2 ADDED 1: #D7-15, D42-11 & D67-2
C1 1: #D7-12 2-REQ'D WAS 3-REQ'D
B2 ADDED .31 & 3.250 DIM
B1 ADDED ITEM D67-1
A2 PICTURE CHG'D PER A CHG ON DWG. D42-6
A2 ADDED 1: #D7-4 & REM'D 1: #D41-11
A1 1: #D7-2 & REQ'D WAS 6 REQ'D
REVISION
FOR NEXT ASS'Y SEE: 2028.01-E1
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
NAME INNER SKYLIGHT SUPPRESSOR ASS'Y
SCALE FULL
DWG. NUMBER 2028.01-D7
REV. C
REF. FILE 2020