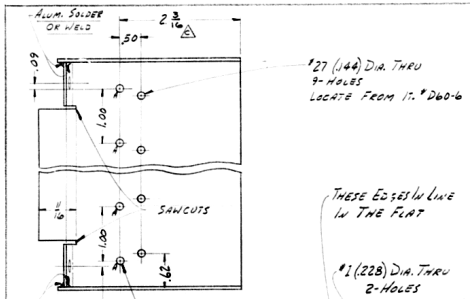
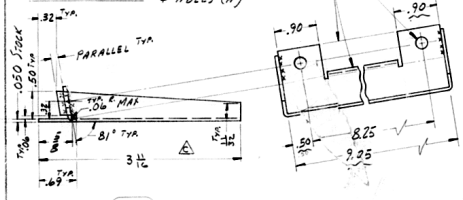
NOTE: SIZES OF MATERIAL LISTED DO NOT INCLUDE STOCK ALLOWANCE FOR MACHINING AND CUTTING OFF EXCEPT AS NOTED. THE SIZE SPECIFIES THE MATERIAL REQUIRED FOR ONE PIECE ONLY. QUANTITIES NOTED ARE THE TOTAL NUMBER REQUIRED.

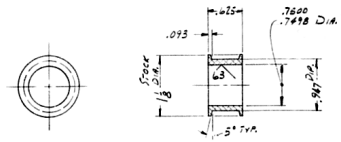
Bill Of Material

ITEM	DWG. NO.	QTY	MAT'L	DESCRIPTION
D60-1		1	ALUM. ALLOY #6061-T6	.050 x 4.19 x 10.25
2		1	FREE TURNING BRASS ALLOY #271	1/2 DIA. x 5 LG.
3		1	PHOS BRONZE ALLOY #351	.032 x 1.25 x 2.38
4		1 (REF)	PHOS BRONZE ALLOY #351	.032 x 5.25 x 8 1/8
5		2	STAINLESS STEEL	SEVENSTRAND LEADER WIRE #2227S 27"
6		1	ALUM. ALLOY #2024-T4	1/4 x 1/4 x 8.75
7		2	ALUM. ALLOY #2024-T4	1/8 DIA. x .625 LG.
8		2	ALUM. ALLOY #2024-T4	3/8 x 1 x 1.38
?		1	ALUM.	1/8 x 1 1/32 x 7 3/4



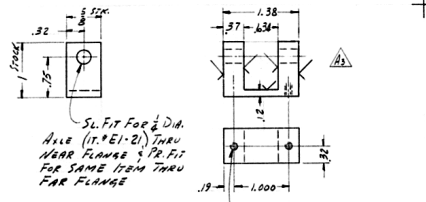


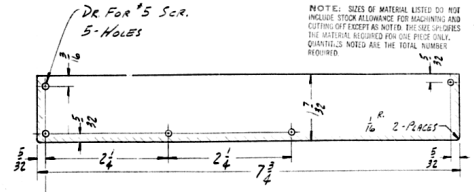
D60-1 LIGHT BAFFLE
No. Req'd: 1
Mat'l: Alum. Alloy #6061-T6
Black Sulfuric Anodize



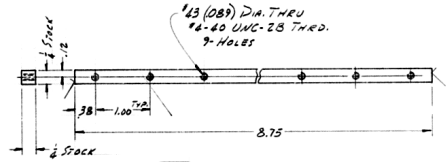
D60-7 DRUM
No. Req'd: 2
Mat'l: Alum. Alloy #2024-T4
Black Sulfuric Anodize

125/ All Over Unless Otherwise Specified

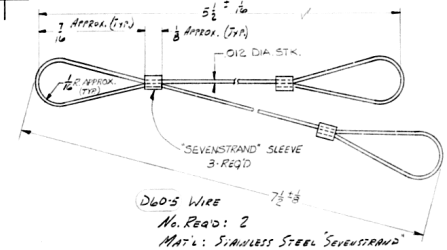




D60-9 COVER
1-Req'd
Mat'l: Alum.
Black Sulfuric Anodize

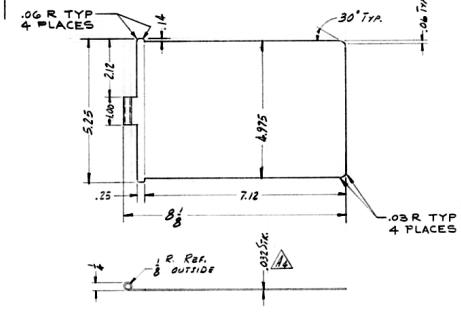


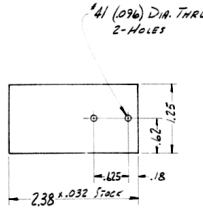
D60-4 RIB
No. Req'd: 1
Mat'l: Alum. Alloy #2024-T4
Black Sulfuric Anodize



D60-5 WIRE
No. Req'd: 2
Mat'l: Stainless Steel "Sevenstrand" Leader Wire #2227S 27"
Scale: Enlarged

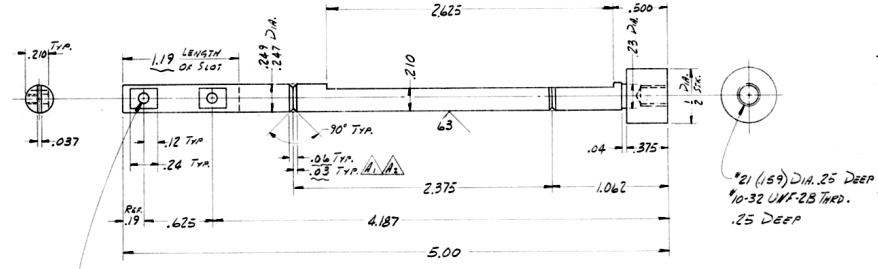
D60-8 PILLOW BLOCK
No. Req'd: 2
Mat'l: Alum. Alloy #2024-T4
Black Sulfuric Anodize





D60-3 SHUTTER
Mat'l: Phosphor Bronze Alloy #351
No. Req'd: 1
Optical Black Chemically

D60-6 PROTECTIVE SLIDE
No. Req'd: (1) For Each Grating Cell Unit (IT. #D8-16)
Mat'l: Phosphor Bronze Alloy #351
Optical Black Chemically
Scale: Half Size



#50 (.070) DIA. THRU
#2-56 UNC-2B THRD.
#41 (.096) DIA. TO .037 SLOT
2-HOLES

D60-2 INNER SHUTTER ROD
No. Req'd: 1
Mat'l: Half Hard Drawn Free Turning Brass Alloy #271
Optical Black Chemically
Scale: 2 x Size

126/ All Over Unless Otherwise Specified

REF. DWG. 2090

FOR ASSEMBLY SEE 2028.01-E1

QUANT.	PRINT RECORD	DATE	NO.	REVISION	DATE	BY
			E	REVISED AS BUILT-ECR 1512	10-27-76	DWS
			D	REV. AS BUILT ECO 0801	7/14/69	CWA
			C	D60-1 LIGHT BAFFLE - 2 3/16 DIM. WAS 3 11/16 DIM. WAS 4.19 & 11 DIM. WAS 10.25	APRIL 67	TTD
			B	ADDED IT. #D60-9		
			A2	.032 STK. WAS .010 STK.		
			A1	REQ'D 6-32 THRD. 2 HOLES		
			A	D60-TYP WAS 12 TYP & .03 TYP WAS .06 TYP		

TOLERANCES UNLESS OTHERWISE NOTED.
FRACTIONAL
FABRICATION UP TO 12" ± 1/16" 12" TO 36" ± 1/8" 36" & OVER ± 1/8%
MACHINING UP TO 12" ± .015 12" TO 36" ± .030 36" & OVER ± .060
DECIMAL .00 ± .010 .000 ± .005
ANGLES ± 0°-15'
UNLESS OTHERWISE NOTED SURFACES MARKED ✓ TO HAVE "V" FINISH

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: MISC. DETAILS
SCALE: FULL
PRINT ISSUED

DESIGNED BY	DATE	DRAWN BY	DATE	APPROVED BY	DATE	TRACED BY	DATE
H. TRACEWELL	10-30-68	J. PEREZ	10-30-68	J. PEREZ	10-30-68		
CHECKED BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE	APPROVED BY	DATE
J. PEREZ	10-30-68	J. PEREZ	10-30-68	J. PEREZ	10-30-68		

DRAWING NUMBER 2028.01-D60 REV. E