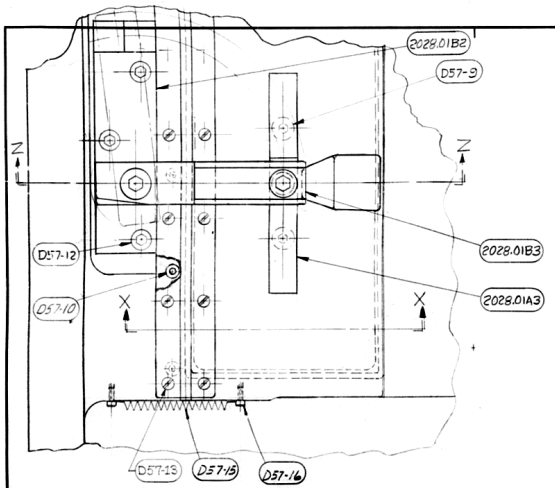
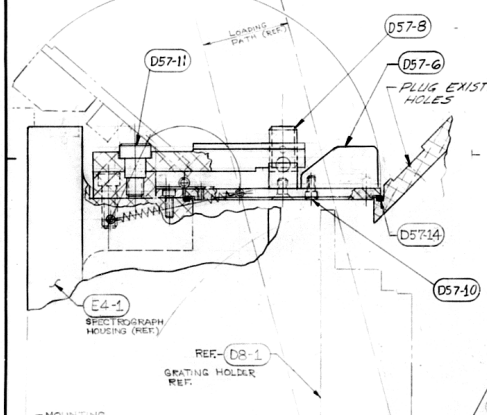
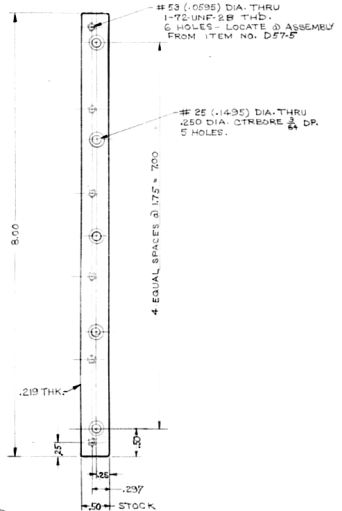


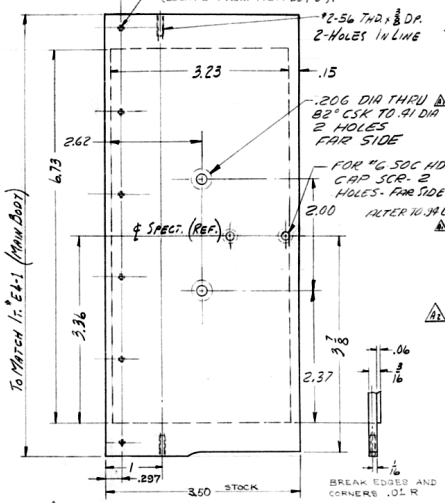


SECTION Z-Z

D57-1 GRATING ACCESS DOOR ASSEMBLY ~1 REQ'D.
SCALE: FULL SIZE



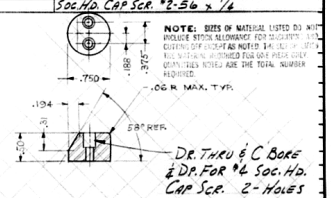
D57-2 HINGE SPACER
MAT'L.:- 2024-T4 ALUMINUM – 1 REQ'D.
SCALE: FULL SIZE
FINISH: BLACK SULFURIC ANODIZE
125/ FINISH ALL OVER



D57-3 GRATING DOOR
MAT'L.:- 2024-T4 ALUMINUM – 1 REQ'D.
SCALE: FULL SIZE
FINISH: BLACK SULFURIC ANODIZE

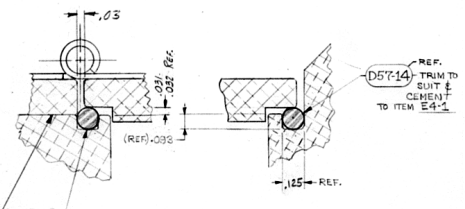
ITEM NO.	QTY.	MATERIAL	DESCRIPTION
D57-1	1		GRATING ACCESS DOOR ASSEMBLY
D57-2	1	2024-T4 ALUMINUM	.219 X 5.0 X 8.00
D57-3	1	2024-T4 ALUMINUM	3/16 X 3.50 X 8.00
D57-4	1	416 STN. STL.	.750 DIA. X .50
D57-5	1	BRASS	HINGE, PIANO TYPE, PLAIN: McMASTER-CARR # 1 E57815: 1½ OPEN, .045 THICK, 8.00 LG.
D57-6	1	416 STA. STL.	.88 X .81 X 1.38
D57-7	1	ALNICO II	MAGNETIC DOOR STOP - INDIANA STEEL PRODUCTS CAT. NO. SU-1611. (.500 D. X .442 THICK, 25 OZ. HOLDING FORCE.)
D57-8	1	STA. STL.	BALL PLUNGER, WITH NYLOK INSERT AMERICAN ADB-50890 – 12 LBS. END PRESSURE ± .13 THD. .750 LG.
D57-9	2	STA. STL.	10-32 x 3/8 FLAT HD SOC CAP SCR
D57-10	7		6-32-UNC-2A X .38 SOC HD. CAP SCR.
D57-11	1		3/8 DIA x 3/8 SHOULDER SCR
D57-12	1	BRASS	2-56-UNC-2A X .25 SLOTTED RD. HD.
D57-13	3	SST	¼-20 x 3/4 SOC HD CAP SCR
D57-15	12	BRASS	1-72 UNF-2A X .25 SLOTTED FLAT HD. MACH. SCR.
D57-16	1	NEOPRENE	NEOPRENE COIL: GARLOCK No. 7986- ½" DIA. TRIM TO SUIT.
-15	2	STL. MUSIC WIRE	.020 DIA.
-16	4	STL.	SOC HD. CAP SCR. #2-56 x 1/4

NOTE: SIZES OF MATERIAL LISTED DO NOT INCLUDE STOCK ALLOWANCE FOR MACHINING CUTTING OFF EXCEPT AS NOTED. ALL QUANTITIES NOTED ARE THE TOTAL NUMBER REQUIRED.



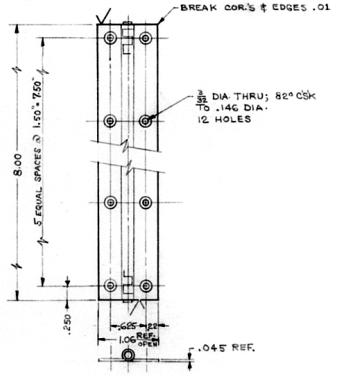
D57-4 STRIKER
MAT'L. 416 STA. STL. – 1 REQ'D.
SCALE: FULL SIZE
FINISH: OPTICAL BLACK CHEMICALLY
125/ FINISH ALL OVER

- No. 7 (.201) DIA. THRU
- ¼-20-UNC-2B THD.
- 15/16 DIA. C'BORE TO DEPTH SHOWN.

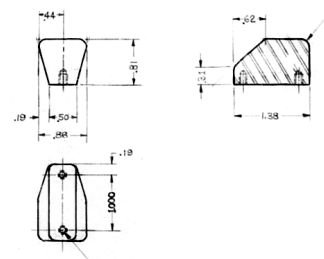


SECTION X-X
SCALE: 4 TIMES SIZE

NOTE: TO EFFECT SEAL & SECURING OF DOOR, ADD SHIMS OR MACHINE D57-2 SPACER IF NECESSARY.

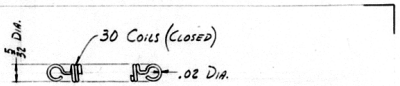


D57-5 HINGE
MAT'L. PIANO TYPE HINGE, BRASS: Mc MASTER CARR No. 1E57815 PLAIN TYPE – 1 REQ'D.
FINISH: OPTICAL BLACK, CHEMICALLY
SCALE: FULL SIZE



D57-6 HANDLE
MAT'L.:- 416 STA. STL. 1 REQ'D.
FINISH: OPTICAL BLACK CHEMICALLY
125/ FINISH ALL OVER
SCALE: FULL SIZE

FOR ASSEMBLY SEE 2028-01-



D57-15 SPRING
2-REQ'D
MAT'L: STEEL MUSIC WIRE
OPTICAL BLACK CHEMICALLY
SCALE: DOUBLE

QUANT.	PRINT RECORD	DATE			
			B	LATCH REDESIGNED	6/21/84 LC
			A3	IT. # D57-3 REDESIGNED	2/21/84
			A2	ADDED IT. # D57-15 & 16	2/21/84
			A1	REM'D IT.# D57-7 & D57-12	2/21/84
			NO.	REVISION	DATE BY

TOLERANCES UNLESS OTHERWISE NOTED.
DECIMAL 00.00 ±.005, 00.000 ±.003, ANGLES ± 1/4°
FRACTIONAL— FABRICATION UP TO 10" ± 1/16, 10" TO 50" ± 1/8, 50" & OVER ± .5% ↓ .00"/INCH
MACHINING: UP TO 10" ± .010, 10" TO 50" ± .020, 50" & OVER ± .040" .0005"/INCH
MACHINED SURFACES ARE FINISHED TO 125 UNLESS OTHERWISE SPECIFIED.

KITT PEAK NATIONAL OBSERVATORY
OPERATED BY THE ASSOCIATION OF UNIVERSITIES FOR RESEARCH IN ASTRONOMY, INC. UNDER CONTRACT WITH NATIONAL SCIENCE FOUNDATION

84-INCH TELESCOPE-CASSEGRAIN SPECTROGRAPH

TOLERANCES UNLESS NOTED: DECIMAL 00.00 ±.005, 00.000 ±.003; FRACTIONAL ± 1/32 ± 1/16 ± 1/8

DESIGNED BY L. MACKRILL DATE 2-3-84
DRAWN BY K. H. KELK DATE 2-3-84
APPROVED BY [illegible] DATE 2-3-84
SCALE FULL SIZE

NAME: GRATING ACCESS DOOR ASSEMBLY & DETAILS

DWG. NUMBER 2028.01-D57 REV. B

REF. FILE 2090

DIETZGEN-POST CLEARPRINT 1000H