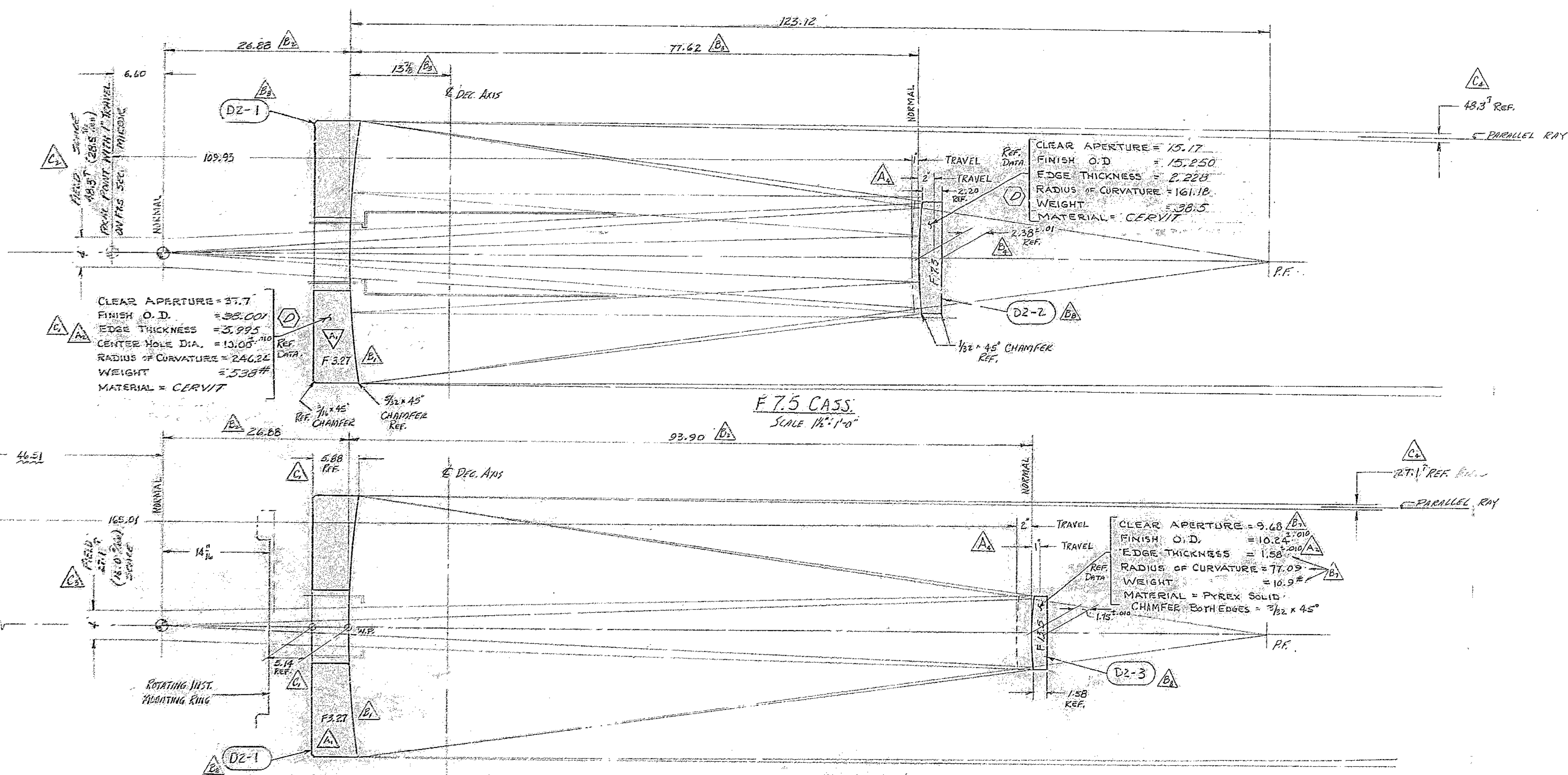


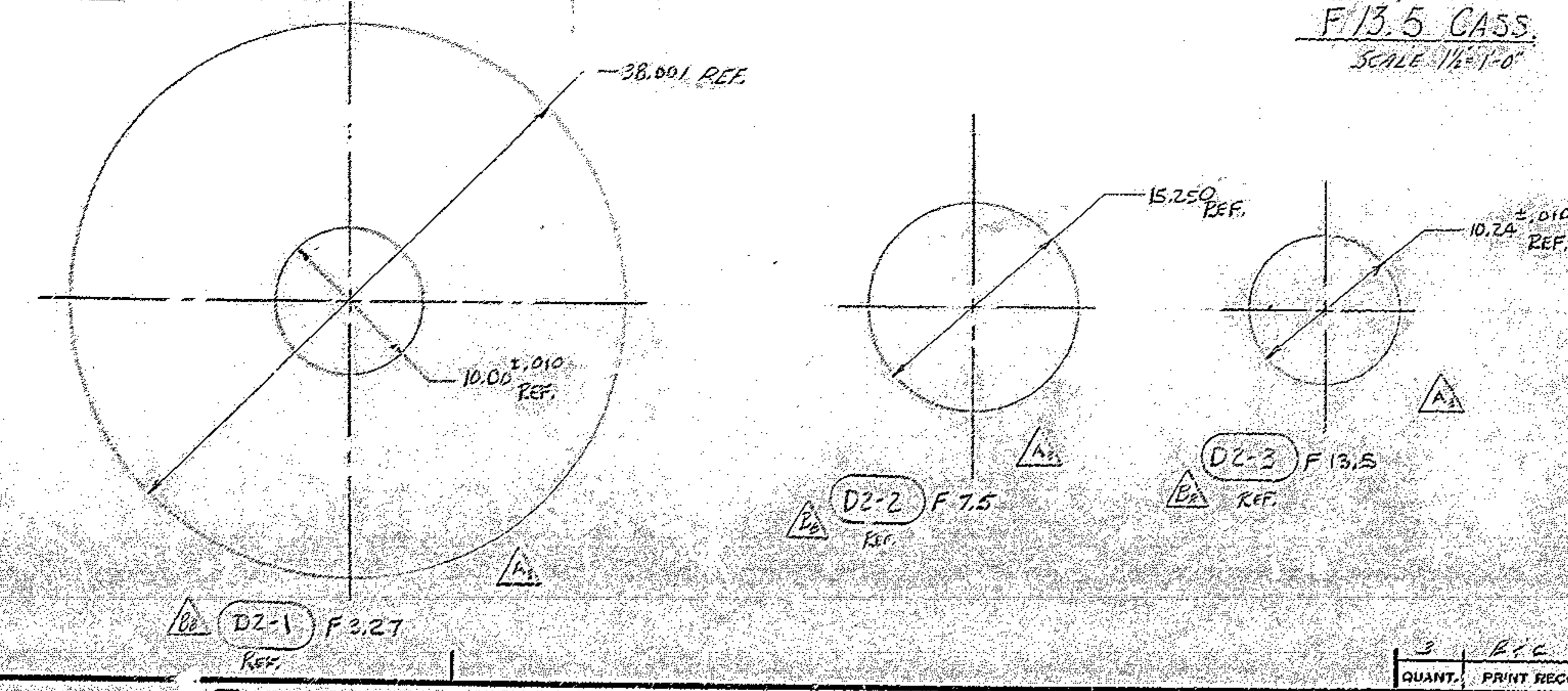
BILL OF MATERIAL		SIZES OF MATERIAL NOTED DO NOT INCLUDE STOCK ALLOWANCE FOR MACHINING AND CUTTING OFF EXCEPT AS NOTED. THE SIZE SPECIFIES THE MATERIAL REQUIRED FOR ONE PIECE ONLY. QUANTITIES NOTED ARE THE TOTAL NUMBER REQUIRED.		
ITEM	DWG. NO.	QTY.	MATERIAL	DESCRIPTION



147-70

FIELD POINT WITH 3° STRAY RAY BY F2.27 SEC. MIRROR

ROTATING INST. MOUNTING RING



D	MIRROR INFORMATION UPDATE	0559	10/24/74	S.C.
C <sub>6</sub>	48.3" WAS 25"; 27.1" WAS 18"; ADDED PARALLEL RAY			
C <sub>5</sub>	27.1" WAS 28"; 16.0" WAS 16.5"			
C <sub>4</sub>	48.3" WAS 50"; 28.5" WAS 29.5"			
C <sub>1</sub>	5.88 WAS 4.06; 5.14 WAS 5.33		2/22/65	D6
B <sub>5</sub>	ADDED ITEM NO. 2, D2-1, D2-2, D2-3		1/31/65	D6
B <sub>1</sub>	77.09 WAS 76.10; 10.9" WAS 12.3"			
	9.68 WAS 9.64; 1.58 ± 0.01 WAS 1.75 ± 0.01			
B <sub>6</sub>	15.03 WAS 15.007			
B <sub>5</sub>	33.6" WAS 27.2"			
B <sub>4</sub>	2.38 ± 0.01 WAS 1.93 ± 0.01; 2.20 ± 0.01 WAS 1.75 ± 0.01			
B <sub>2</sub>	13 7/8 WAS 13; 77.62 WAS 78.03			
B <sub>2</sub>	26.88 WAS 26.30; 93.90 WAS 94.20			
B <sub>1</sub>	1/16.27 WAS 1/13.26			
A <sub>2</sub>	SECONDARY FOCUS TRAVEL ADDED	3/4/68	D4	
A <sub>1</sub>	LENS FLAT PATTERN ADDED	2/19/68	D4A	
A <sub>2</sub>	OPTICAL CHARACTERISTICS ADDED	2/19/65	D4A	
A <sub>1</sub>	f/3.26 WAS f/3.24	2/19/65	D4A	

FOR ASSEMBLY SEE BOLLER & CHIVENS DWS. # C-17847

TOLERANCES UNLESS OTHERWISE NOTED:	
FRACTIONAL FABRICATION	UP TO 10' ± 1/16"
	10' TO 50' ± 1/8"
	50' & OVER ± 1/2%
MACHINING	UP TO 10' ± 0.018
	10' TO 50' ± 0.020
	50' & OVER ± 0.060
DECIMAL	00.00 ± 0.010
	00.000 ± 0.003
ANGLES	± 0°-15'

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

**#1-36 INCH TELESCOPE**

NAME: **f/7.5 & f/13.5 CASS**  
 REF. FILE: **2920**  
 SCALE: **1/8" = 1'-0"**  
 PRINT ISSUED

DESIGNED BY: **DHA** DATE: **1/1/66** APPROVED BY: **DHA** DATE: **2/12/65**  
 DRAWING NUMBER: **2059-D1** REV. **D**

\* OLD #1 MOUNT WITH NEW B/C TUBE.

QUANT.	PRINT RECORD	DATE	NO.	REVISION	ECR	DATE	BY
3	ECR	1-1-66					