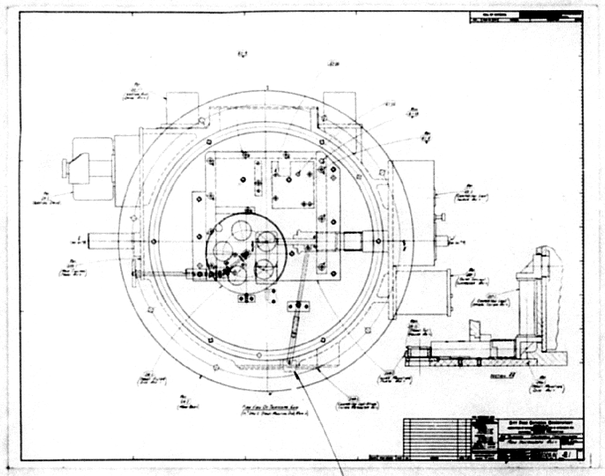
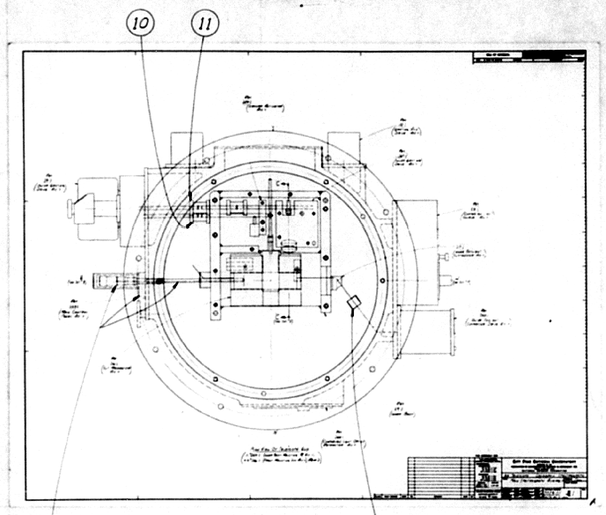
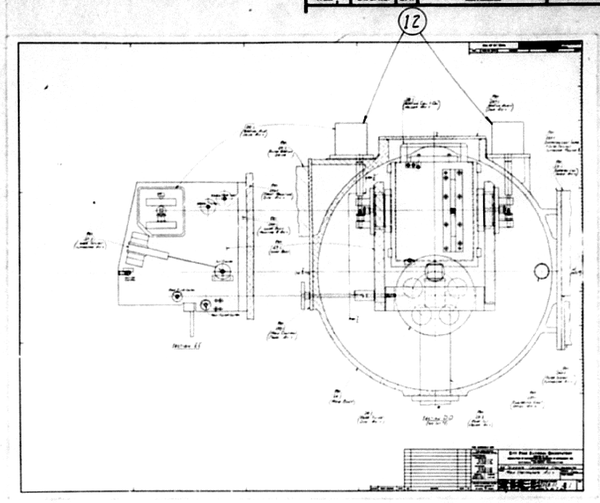
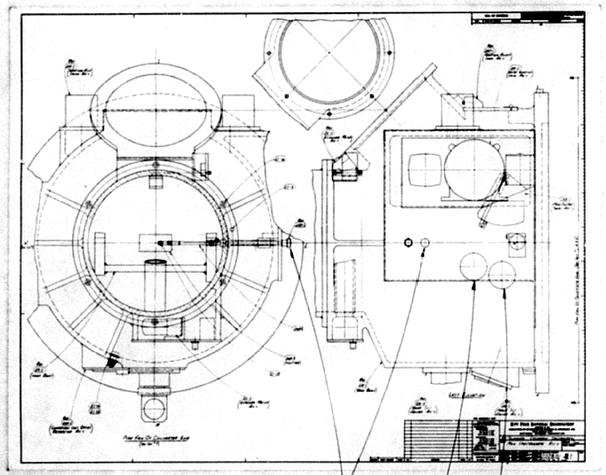
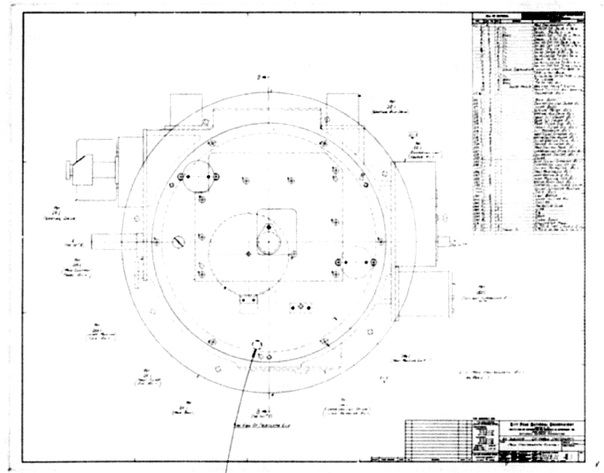
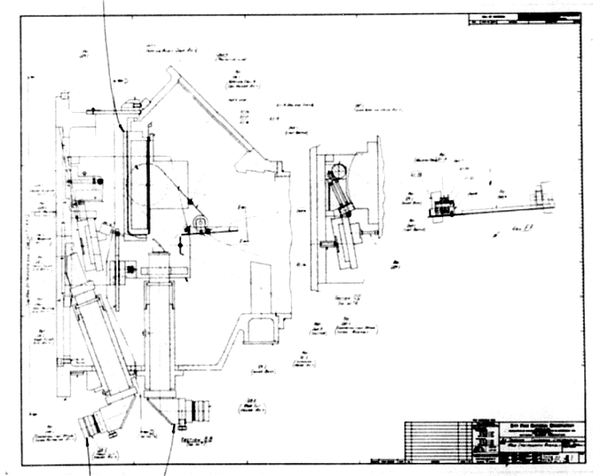












THINGS WHICH MUST BE DONE PRIOR TO SEPARATING FRONT MOUNTING DISC AND ATTACHED EQUIPMENT FROM MAIN BODY

NO.	DESCRIPTION OF UNIT TO BE UNCOUPLED	DESCRIPTION OF WORK
1.	FRONT SLIT VIEWER	REMOVE 4 SCREWS AND SLIDE UNIT OUT
2.	REAR SLIT VIEWER	REMOVE 4 SCREWS AND SLIDE UNIT OUT
3.		MOVE GRATING HOLDER TO # 34.76 POSITION (EXTREME LONG WARD)
4.	SLIT PUSH ROD	REMOVE MICROMETER HEAD AND ITS MOUNTING BRACKET AS A UNIT AND BY REACHING THRU ACCESS HOLE IN SPECTROGRAPH MOUNTING FACE, SLIDE ROD COMPLETELY OUT.
5.	SKY LIGHT SUPPRESSOR	REACH THRU ACCESS HOLE IN SPECTROGRAPH MOUNTING FACE AND UNDO CABLE COUPLING TAKING CARE NOT TO ALLOW INNER CABLE TO SNAP INWARD.
6.	SHUTTER SHAFT	PUSH SHAFT FULL IN, UNSCREW, AND PULL SHAFT OUT.
7.	FRONT FILTER DISC CONTROL	PULL STRAIGHT OUT
8.	REAR FILTER DISC CONTROL	PULL STRAIGHT OUT
9.	COMPARISON LIGHT OPTICS	MOVE CONTROL TO "RETRACT" POSITION. REMOVE TWO FLAT HEAD SCREWS. MOVE CONTROL TO "FORWARD" POSITION. REMOVE TWO FLAT HEAD SCREWS. REMOVE UNIT. CAUTION:: OPTICS MUST REMAIN IN FORWARD POSITION.
10.	DECKER CONTROL	REACH THRU ACCESS HOLE IN SPECTROGRAPH MOUNTING FACE. LOOSEN NEAR COUPLING AND SLIDE OUTWARD TO CLEAR INNER SHAFT.
11.	GRATING DRIVE SHAFT	REACH THRU ACCESS HOLE IN SPECTROGRAPH MOUNTING FACE. LOOSEN FAR COUPLING AND SLIDE OUTWARD TO CLEAR INNER SHAFT.
12.	GRATING AXLE DRIVE (2)	REMOVE (4) SCREWS (2 PLACES). REMOVE 2 MOTORS.
13.	FRONT MOUNTING DISC AND ATTACHED EQUIPMENT	REMOVE 6 SCREWS AND SEPARATE FRONT MOUNTING DISC FROM MAIN BODY JUST FAR ENOUGH TO ALLOW ELECTRICAL CONNECTOR INSIDE TO BE DISCONNECTED. SEPARATE DISC AND MAIN BODY COMPLETELY.

REASSEMBLY

CARE MUST BE TAKEN TO EXACTLY REVERSE ABOVE PROCEDURE DURING REASSEMBLY

REF. FILE 2090

FOR ASSEMBLY USE 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" TWIN-COUDE -- CASSEGRAIN SPECTROGRAPH

UNCOUPLING PROCEDURE

SCALE 3" = 1'

MDK 1/11/66

2028.01 - E 3