BOLLER & CHIVENS DWG. NO.	LURA DWG. NO.
E-312263	2150.510.E003
C-332634	2150.510.C004
C-332635	2150.510.C005
C-332636	2150.510.C006
	2150.0004801C

	C-332634 REF	C-332635 REF	C-332636 REF

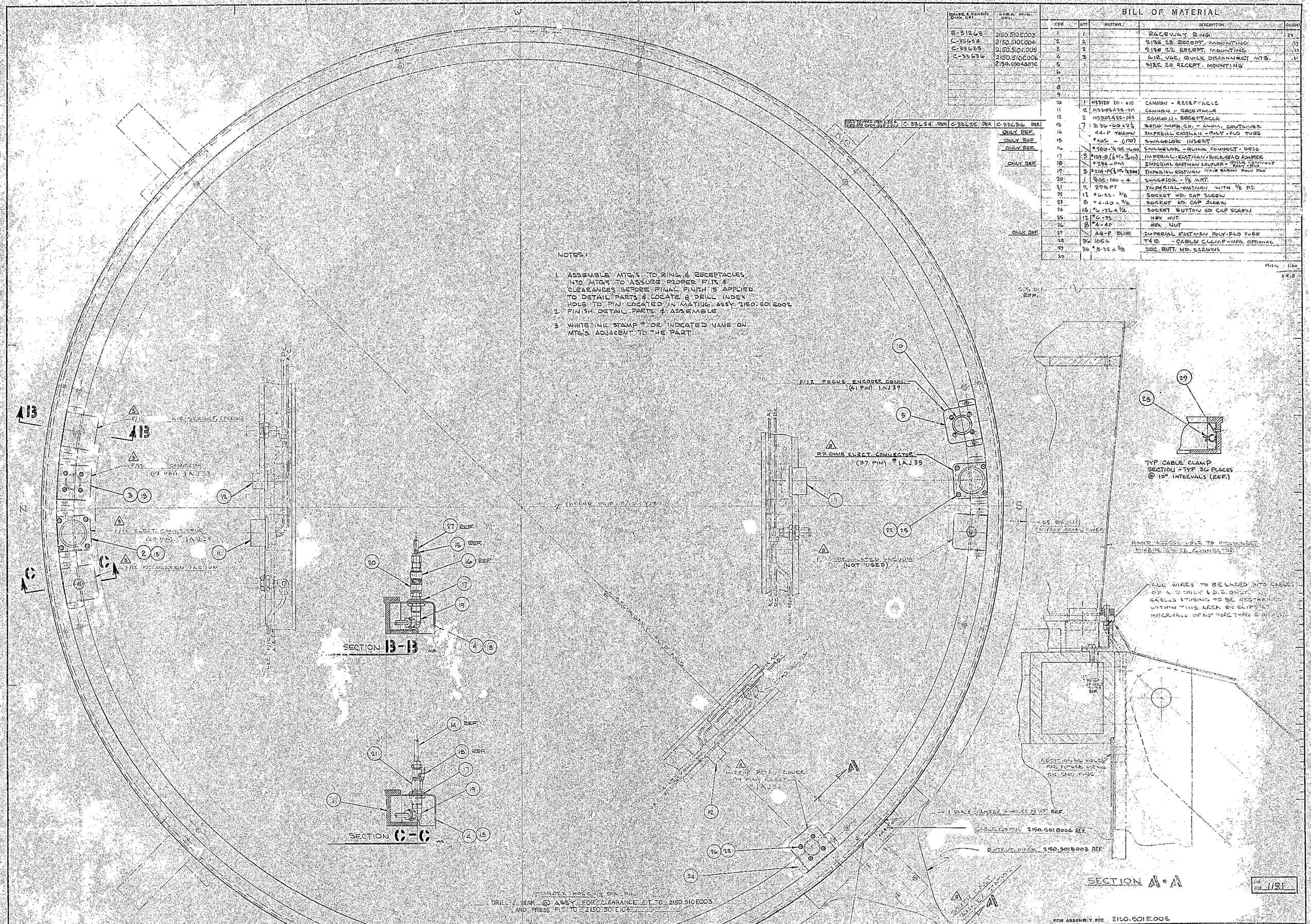
BILL OF MATERIAL

ITEM	QTY	MATERIAL	DESCRIPTION	WEIGHT
1	1		RACEWAY RING	23
2	2		SIZE 28 RECEPT. MOUNTING	22
3	2		SIZE 22 RECEPT. MOUNTING	24
4	3		412, VAC. QUICK DISCONNECT MTG.	35
5	1		SIZE 20 RECEPT. MOUNTING	
6				
7				
8				
9				
10	1	MS3120 20-41S	CANNON - RECEPTACLE	
11	2	MS3102A28-21S	CANNON - RECEPTACLE	
12	2	MS3102A22-14S	CANNON - RECEPTACLE	
13	7	2 x 36-60 x 2¼	REED MFG. CO. - ALUM. CONTAINER	
14		44-P YELLOW	IMPERIAL EASTMAN - POLY-FLO TUBE	
15		#405 - (.170)	SWAGELOK INSERT	
16		#200-1/4 QC-400	SWAGELOK - QUICK CONNECT - DESO	
17	3	#193-B (3/8 FX 3/8 MP)	IMPERIAL-EASTMAN - BULKHEAD ADAPTER	
18		#294-PM	IMPERIAL EASTMAN COUPLER - QUICK DISCONNECT POLY-FLO	
19	3	#210-P (3/8 FX 1/4 MPM)	IMPERIAL EASTMAN MALE ELBOW POLY FLO	
20	1	400-100-4	SWAGELOK - 1/8 INST.	
21	2	298 PT	IMPERIAL-EASTMAN WITH 1/8 PT.	
22	12	#6-32 x 3/8	SOCKET HD. CAP SCREW	
23	8	#4-40 x 3/8	SOCKET HD. CAP SCREW	
24	16	#6-32 x 1/4	SOCKET BUTTON HD CAP SCREW	
25	12	#6-32	HEX NUT	
26	8	#4-40	HEX NUT	
27		44-P BLUE	IMPERIAL EASTMAN POLY-FLO TUBE	
28	36	105A	T&B - CABLE CLAMP - MFG. OPTIONAL	
29	36	#8-32 x 3/8	SOC. BUTT. HD. SCREWS	
30				

Mod. 1-60
2-8-0

NOTES:

1. ASSEMBLE MTG'S TO RING & RECEPTACLES INTO MTG'S TO ASSURE PROPER FITS & CLEARANCES BEFORE FINAL FINISH IS APPLIED TO DETAIL PARTS & LOCATE & DRILL INDEX HOLE TO PIN LOCATED IN MATING ASS'Y 2150.501E002
2. FINISH DETAIL PARTS & ASSEMBLE
3. WHITE INK STAMP # OR INDICATED NAME ON MTG'S ADJACENT TO THE PART.



LET.	REVISION	ECR	DATE	BY
C	ADDED ITEM 5 & 10	3278	4-20-92	J.H.
B	AS BUILT	2228	7-11-79	CS
A	REVISED PER LURA REQ.		5-26-79	

TOLERANCES UNLESS OTHERWISE NOTED
DECIMAL DIMENSIONS ±0.00 ±.010 ±0.000 ±.003
FRACTIONAL DIMENSIONS UP TO 18" ± 1/64; 18 TO 60" ± 1/32; 60" & OVER ± 1/16
BREAK SHARP EDGES
ALL SURFACES 125 TO HAVE ✓ FINISH UNLESS OTHERWISE NOTED.

ORIGINAL DWG. LST. 24-8-551

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

150" STELLAR TELESCOPE

NAME: X/12, X/30 END ELECTRICAL RACEWAY ASSY SEC. MIRROR & PRIME FOCUS ASSY

SCALE: 1/4 FULL SIZE
PRINT ISSUED:

DRAWN BY: B.C. 2-23-79
CHECKED BY: M.T.
APPROVED BY: DATE
DRAWING NUMBER: 2150.510 E002
REV. C

FILE 1181

BOLLER & CHIVENS DATA / JOB 58070 N/A E-30228

E-312261