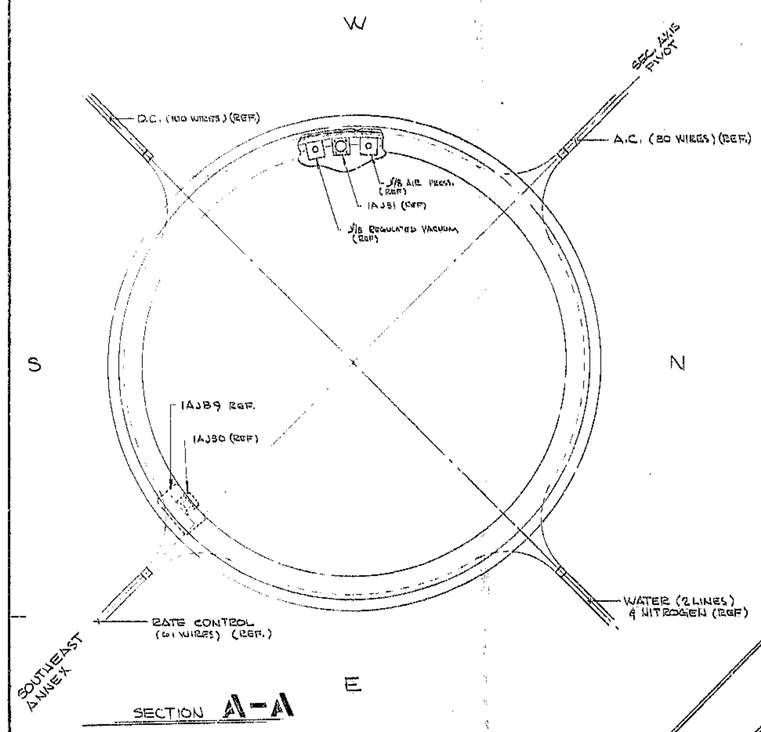
2150.501E136 NOTES:

IN ALL SUB-ASS'Y TERMINAL BOARD BOXES -

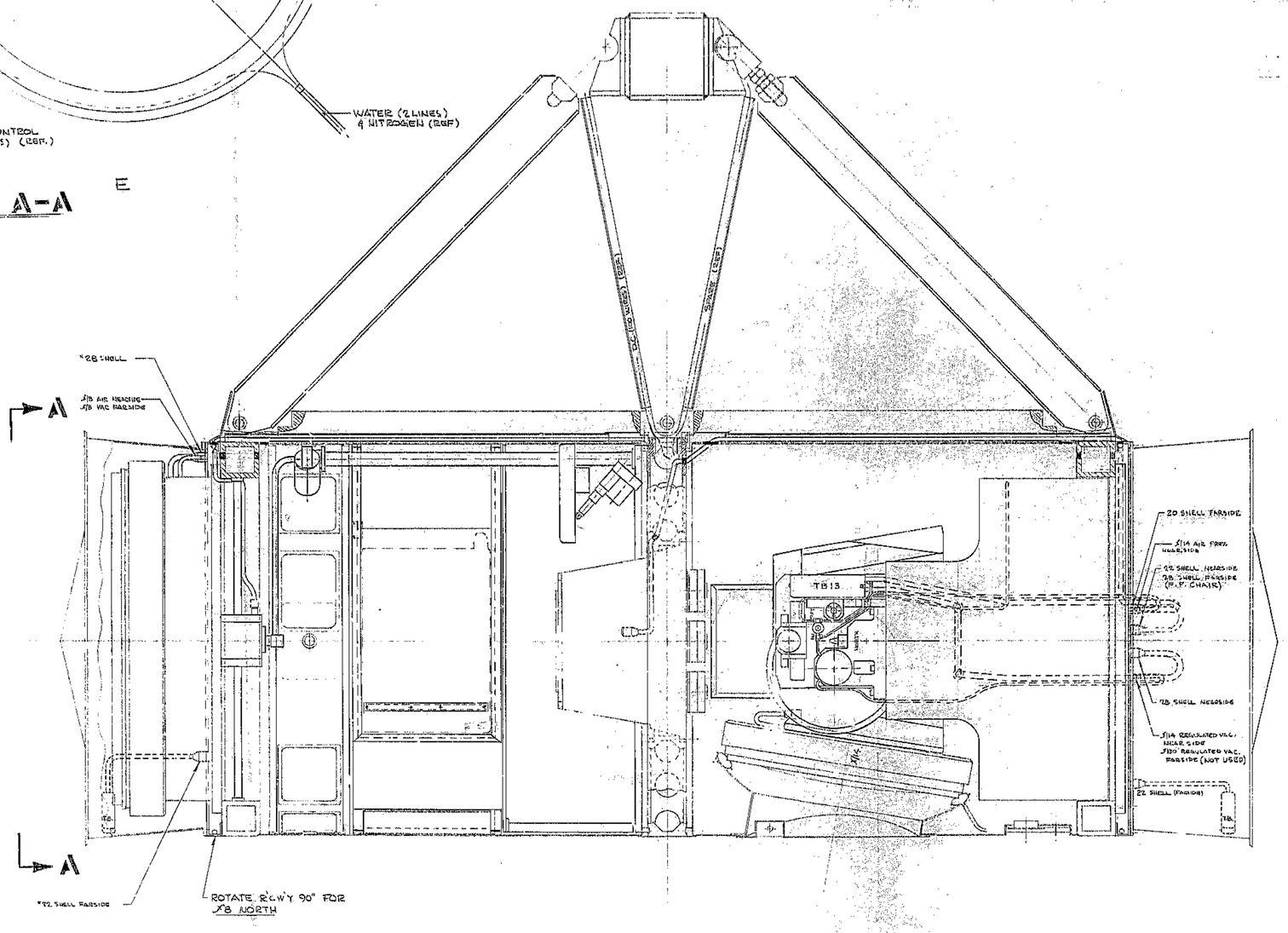
1. WHITE INK STAMP THE APPROPRIATE TB-X NUMBER ADJACENT TO THE T.B. & INSTALL SUITABLE CINCH JONES TERMINAL MARKER ST STRIPS MS-X-140 AND PROCEED TO THE CONNECTOR APPROX. AS SHOWN ON SUB-ASS'Y
2. WIRE ALL RECEPTACLES OR CONNECTORS WITH #16 STRANDED WIRE FOR ALL SIGNAL & CONTROL LEADS AND IDENTIFY EACH LEAD PER THE WIRE LIST. ROUTE THE LEADS THRU THE SHELL TO COME OUT AT THE PROPER STRUT POSITION OF THE SHELL AS SHOWN ON 2150.501E136, AND ALLOW LENGTH TO GO TO THE OUTER RING TERMINAL BOXES AS SHOWN ON 2120E107B SHT. 1, PLUS 10 FT.
3. WIRES TO BE LACED INTO CABLES OF A.C. ONLY, & D.C. ONLY, RATE CONTROL ONLY & INSTRUMENTATION ONLY. ALL CABLES TO BE RETAINED BY NYLON CABLE CLAMPS LOCATED AT SUITABLE INTERVALS TO PREVENT MOVEMENT AS THE TELESCOPE ATTITUDE CHANGES; DRILL OR TAP AS REQ'D.
4. LACING IS TO BE CARRIED TO THE POINT WHERE THE WIRE BUNDLE LEAVES THE SHELL ASS'Y.
5. ALL WIRES TO TERMINATE AT A TERMINAL BLOCK AT THE CONTROL TEST PANEL FOR DURING MANUFACTURING FUNCTIONAL TESTING. AT INSTALLATION IN THE SECONDARY SUPPORT RING, WIRES WILL BE SHORTENED TO TERMINATE @ THE TELESCOPE TERMINAL BOXES ON THIS RING BY OTHERS.

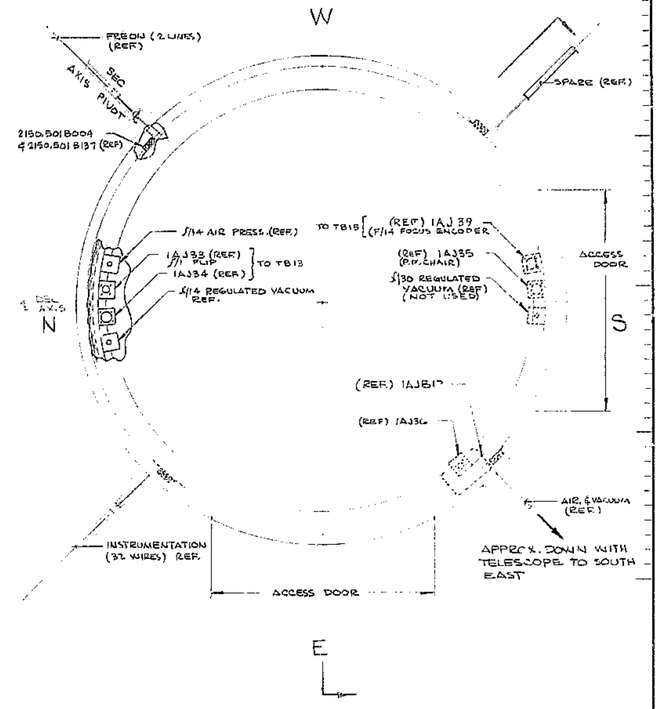
BILL OF MATERIAL

B & C	WEST. GEAR	ITEM	QTY.	MATERIAL	DESCRIPTION	WEIGHT



SECTION A-A





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FOR ASSEMBLY SEE 2150.501E002 (REF)

LET.	REVISION	CEN	DATE	BY
B	REMOVED F/30 ASSY, 5/14 WAS 5/12	3278	4-22-92	J.H.
A	REVISED PER AURA REQ		4-7-70	C.L.

TOLERANCES UNLESS OTHERWISE NOTED
DECIMAL DIMENSIONS 00.00 ± .010, 00.000 ± .003
FRACTIONAL DIMENSIONS UP TO 18" ± 1/64, 18" TO 50" ± 1/32, 50" & OVER ± 1/16
BREAK SHARP EDGES
ALL SURFACES 125/√ TO HAVE FINISH UNLESS OTHERWISE NOTED.

ORIGINAL

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

150 INCH STELLAR TELESCOPE

NAME: ELECT., AIR, & VACUUM ROUTING SEC. MIRROR & PRIME FOCUS ASSY

SCALE 1/8 X

PRINT ISSUED

DESIGNED BY	DATE	APPROVED BY	DATE
DRAWN BY D.CHAVEZ	DATE 4-7-70	APPROVED BY	DATE
CHECKED BY W.E.	DATE 4/8/70	APPROVED BY	DATE

DRAWING NUMBER 2150.501 E136 REV. B

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

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