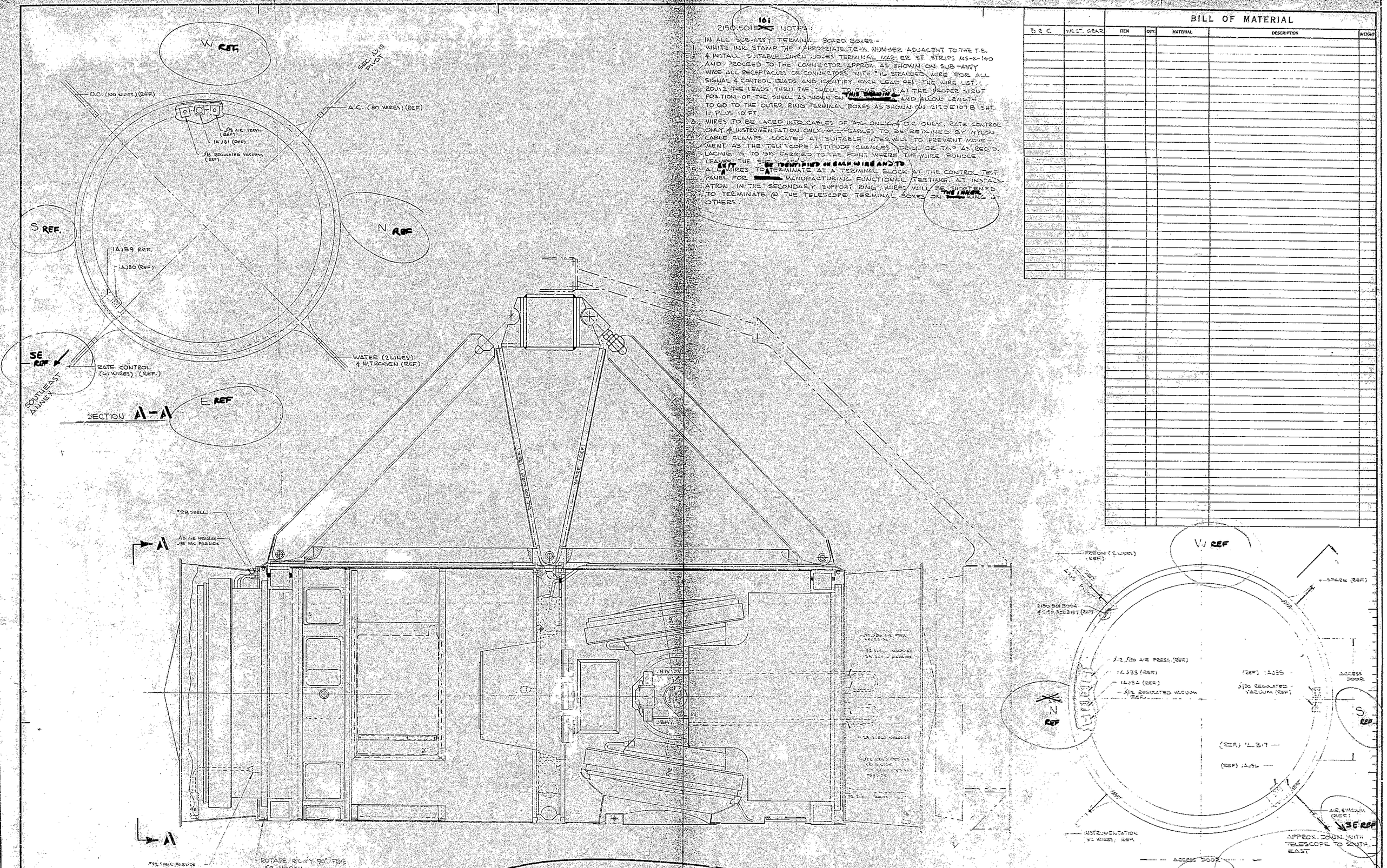

2150.501B 101 NOTES:

IN ALL SUB-ASSY 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-ASSY
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 CONNECTOR AT THE PROPER STRUT POSITION OF THE SHELL AS SHOWN ON [redacted] 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 [redacted] IDENTIFIED ON EACH WIRE AND TO
5. ALL WIRES TO TERMINATE AT A TERMINAL BLOCK AT THE CONTROL TEST PANEL FOR [redacted] MANUFACTURING FUNCTIONAL TESTING. AT INSTALLATION IN THE SECONDARY SUPPORT RING, WIRES WILL BE SPLICED TO TERMINATE @ THE TELESCOPE TERMINAL BOXES ON [redacted] RING BY OTHERS.

BILL OF MATERIAL

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

THIS DRAWING SHOULD BE CORRECTED TO LOOK LIKE THE SHELL ASSEMBLY DRAWING AND SHOW ALL ELECTRICAL COMPONENT DESIGNATIONS BY NUMBER OF THE COMPONENTS CONTAINED IN THE SHELL ASSEMBLY. THE PNEUMATIC DIAGRAMS SHOULD BE A PART OF THIS DRAWING.

NOTE ALL QUADRANT DESIGNATIONS APPLY ONLY FOR THE SECONDARY FLIP POSITION AS SHOWN OF f/12/f30 END DOWN TOWARD THE PRIMARY MIRROR.

KITT PEAK NATIONAL OBSERVATORY AURA, INC.
☐ APPROVED.
☐ APPROVED WITH CORRECTIONS NOTED.
☒ RETURNED FOR CORRECTIONS SHOWN. RESUBMIT.
FOR: ☐ PRELIMINARY ☐ ENGINEERING ☒ CONSTRUCTION
By: L.H. Kendall
Date: MAY 15 1970

AURA, INC. RECEIVED APR 21 1970 TUCSON, ARIZ. 85719

REF FILE 1190

FOR ASSEMBLY SEE 2150.501E 103 (REF)

LET.	REVISION	ECR	DATE	BY
A	REVISED PER AURA REQ		4-17-70	CE

TOLERANCES UNLESS OTHERWISE NOTED
DECIMAL DIMENSIONS: 00.00 ± .010; 00.000 ± .003
FRACTIONAL DIMENSIONS: UP TO 18" ± 1/64; 18" TO 30" ± 1/32; 30" & OVER ± 1/16
± AK SHARP EDGES
ALL SURFACES TO HAVE 125√ FINISH UNLESS OTHERWISE NOTED.

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

90 MM STELLAR TELESCOPE

NAME: ELECTRICAL & VACUUM ROUTING PER 2150.501B & PRIME FOCUS ASSY ON SHELL ASSEMBLY DP

SCALE 1/8X

PRINT ISSUED

DESIGNED BY	DATE	APPROVED BY	DATE
[illegible]	[illegible]	[illegible]	[illegible]
DRAWN BY [illegible]	DATE 4-17-70	APPROVED BY	DATE
CHECKED BY [illegible]	DATE [illegible]	APPROVED BY	DATE

DRAWING NUMBER 2150.501 E 101 REV. A

BOLLER & CHINN DATA JOB 58070 1/A E-30228 E-31262