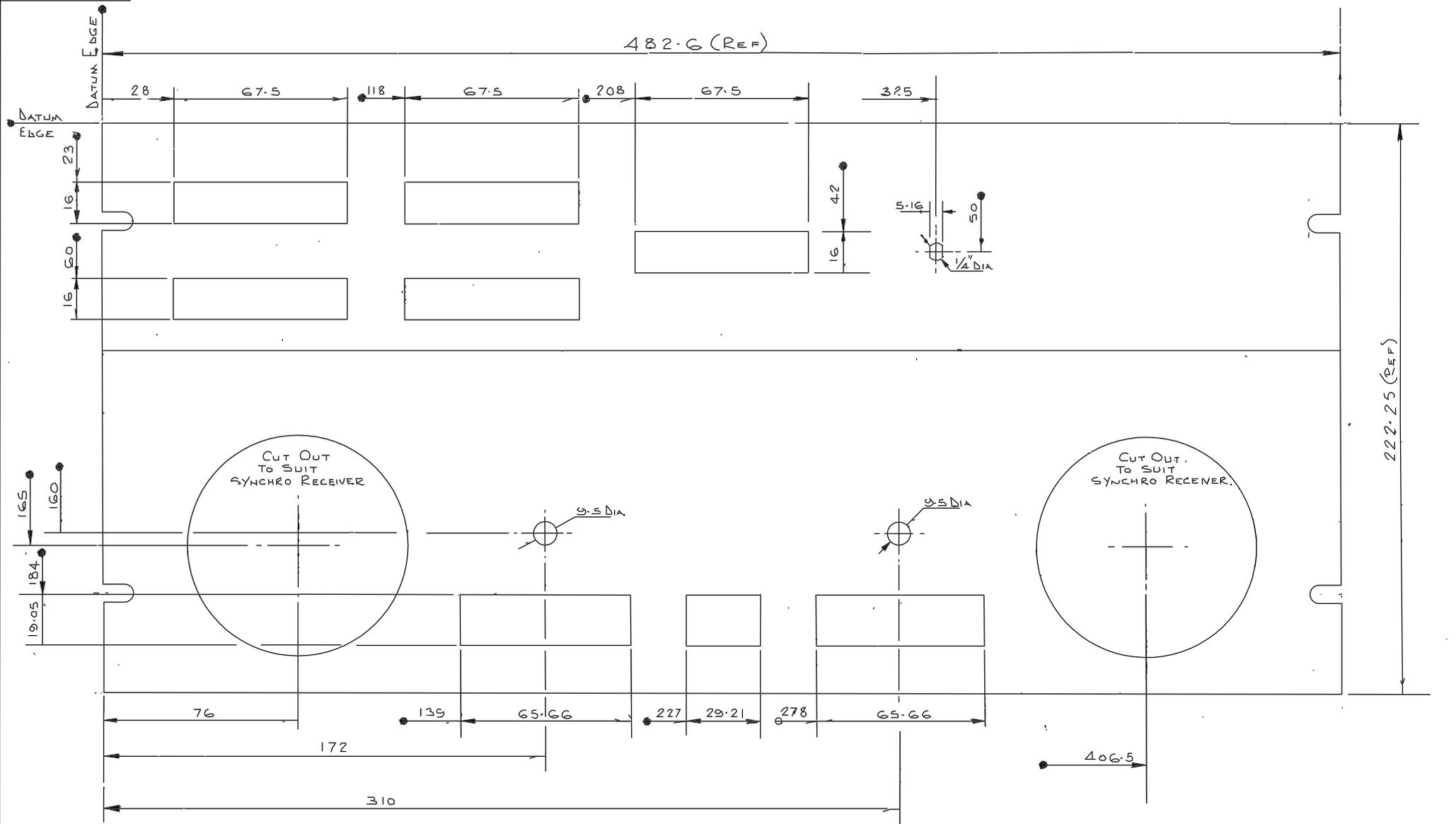


Drawing No.  
E-078



Issue	Mod. No.	Date	Drawn By	Issue	Mod. No.	Date	Drawn By
1	-	4.5.82	J.J.P.				

Tolerances (Unless otherwise stated)  
X ±  
XX ±  
XXX ±

Material	Finish	Drq. No.	No. Req.
		Used on	

Dimas in m.m. Scale

ROYAL GREENWICH OBSERVATORY,  
HERSTMONCEUX CASTLE,  
HAILSHAM SUSSEX.

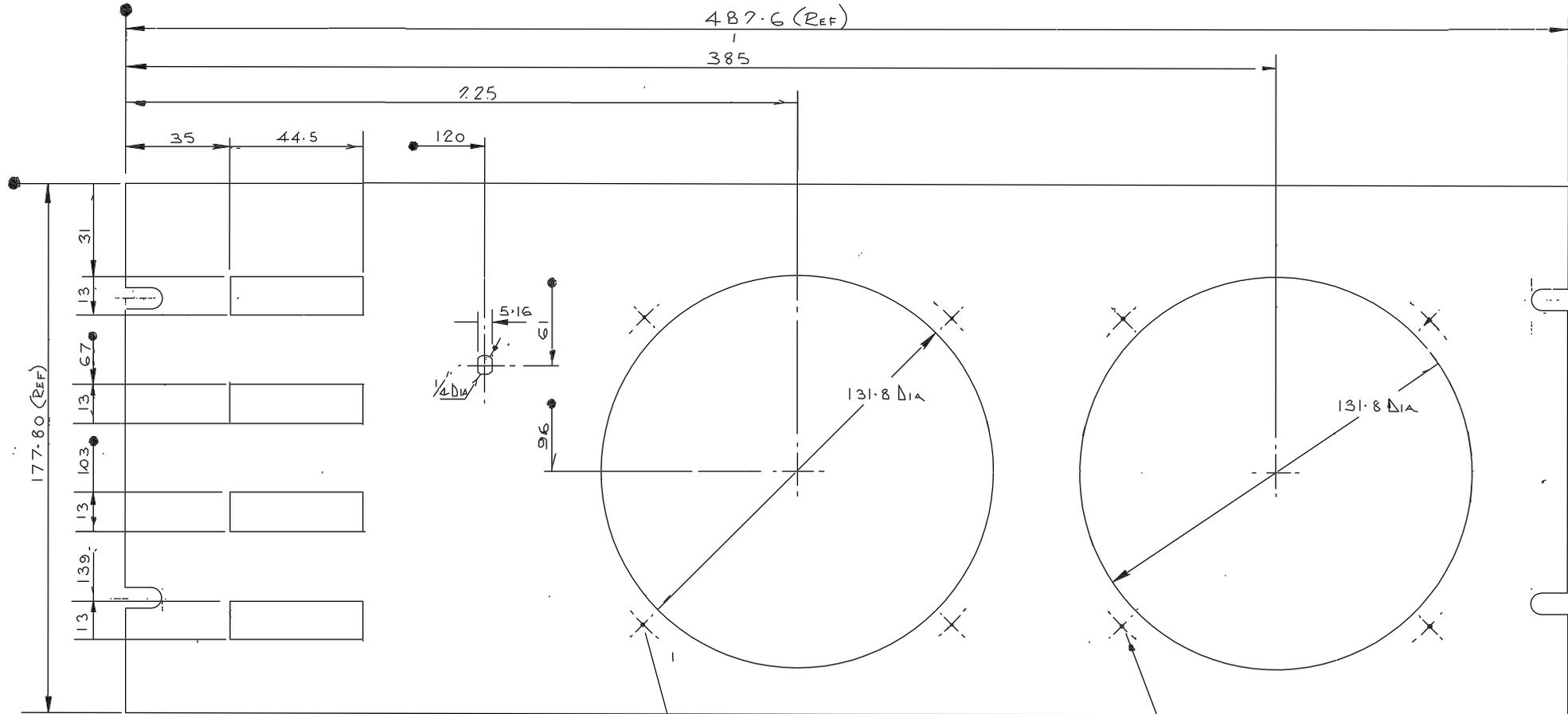
THIRD ANGLE PROJECTION

Title 4.2 m TELESCOPE.  
MOTOR CURRENT & MAIN DRIVE CONTROL PANEL DETAILS.

G.A. No.  
Drawing No.  
E-078

Drawing No.

E-084



Issue	Mod. No.	Date	Drawn By	Issue	Mod. No.	Date	Drawn By

Tolerances (Unless otherwise stated)  
 X ±  
 X.X ±  
 X.XX ±

Material  
 Finish

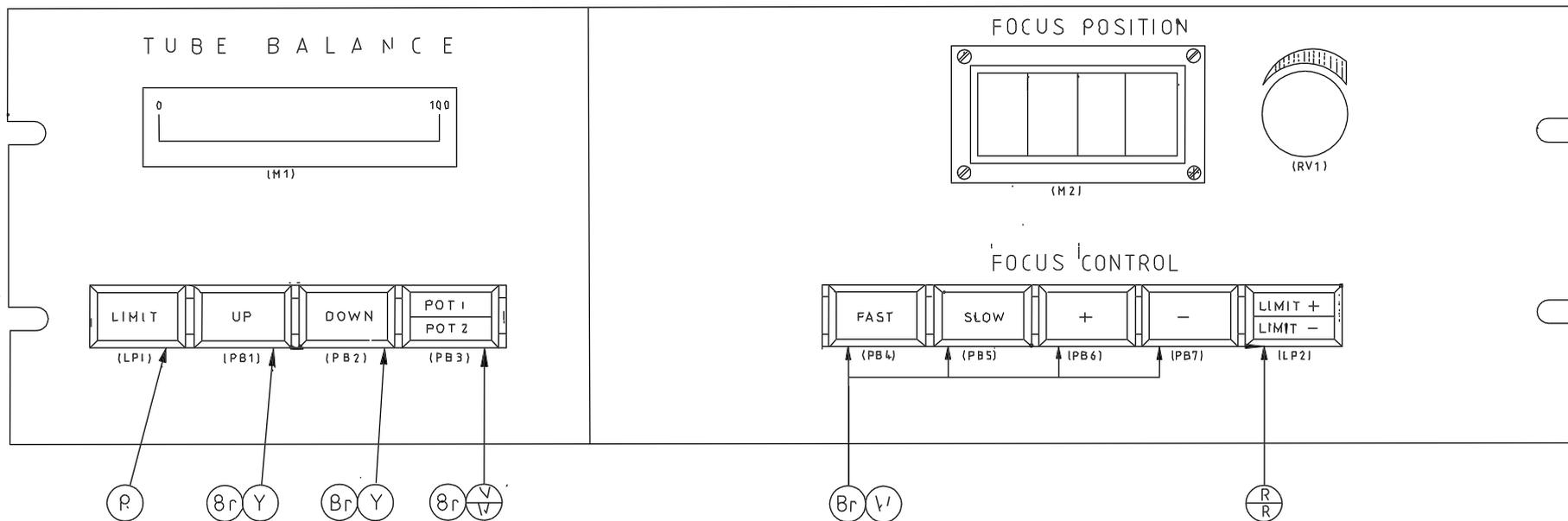
Drg. No.	No. Req.
Used on	

Dimns in m.m. Scale  
 ROYAL GREENWICH OBSERVATORY,  
 HERSTMONGEUX CASTLE,  
 HAILSHAM SUSSEX.

THIRD ANGLE PROJECTION  
 Title 4.2m TELESCOPE.  
 METEOROLOGICAL PANEL DETAILS

G.A. No.  
 Drawing No.  
 E-084.

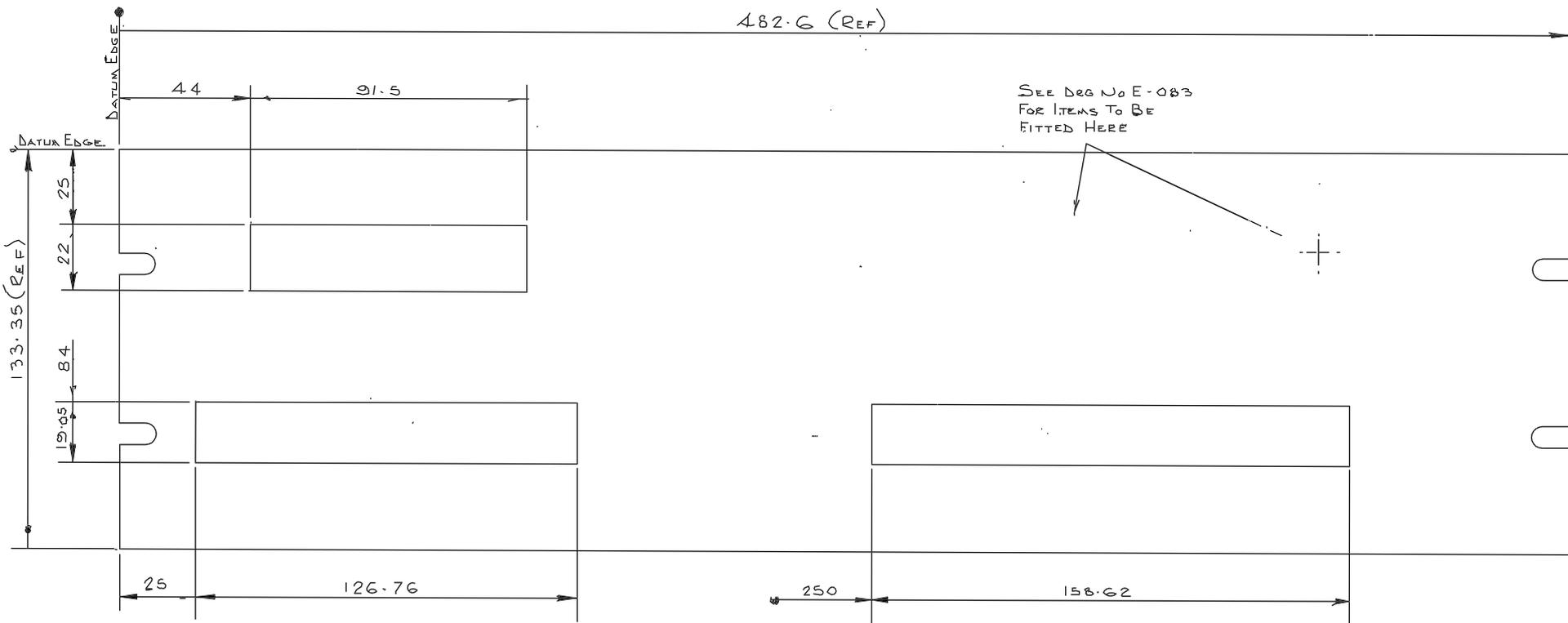
15  
7-3  
10-7



Note:  
COMPONENT REFERENCES SHOWN IN BRACKETS  
NOT TO BE ENGRAVED ON PANEL.

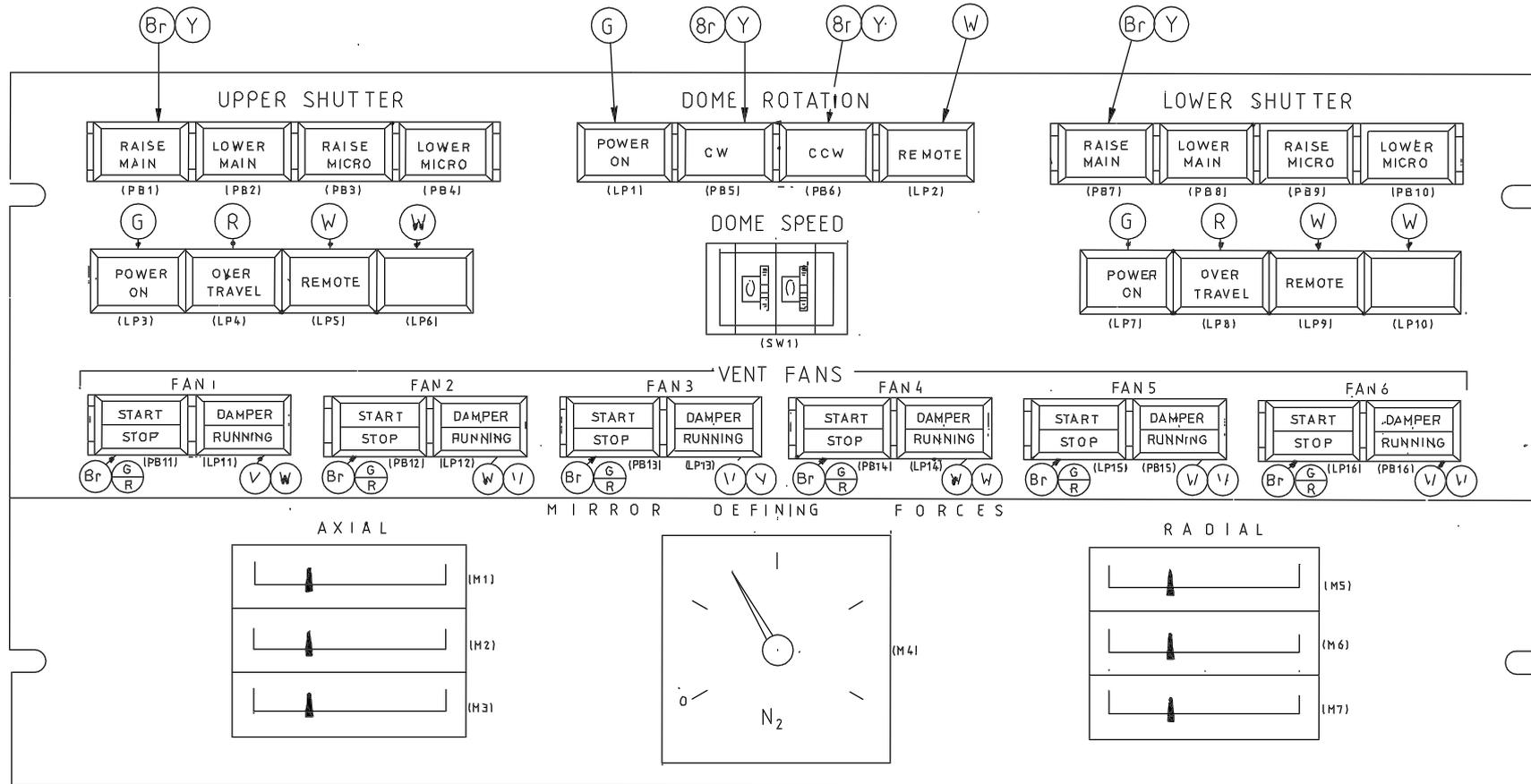
							Tolerances (Unless otherwise stated) X ± XX ± XXX ±	Material			Dimns in m.m.	Scale	THIRD ANGLE PROJECTION	G.A. No.
1	-	4.5.82	J.V.P				Finish	Drg. No.	No. Req.	ROYAL GREENWICH OBSERVATORY, HERSTMENCEUX CASTLE, HAILSHAM	SUSSEX.	Title 4.2m TELESCOPE TUBE BALANCE PANEL	Draw/Orig No. E-083	
Issue	Mod. No.	Date	Drawn By	Issue	Mod. No.	Date	Drawn By	Used on						

Drawing No.  
E-082



1.45/12  
2.5/2

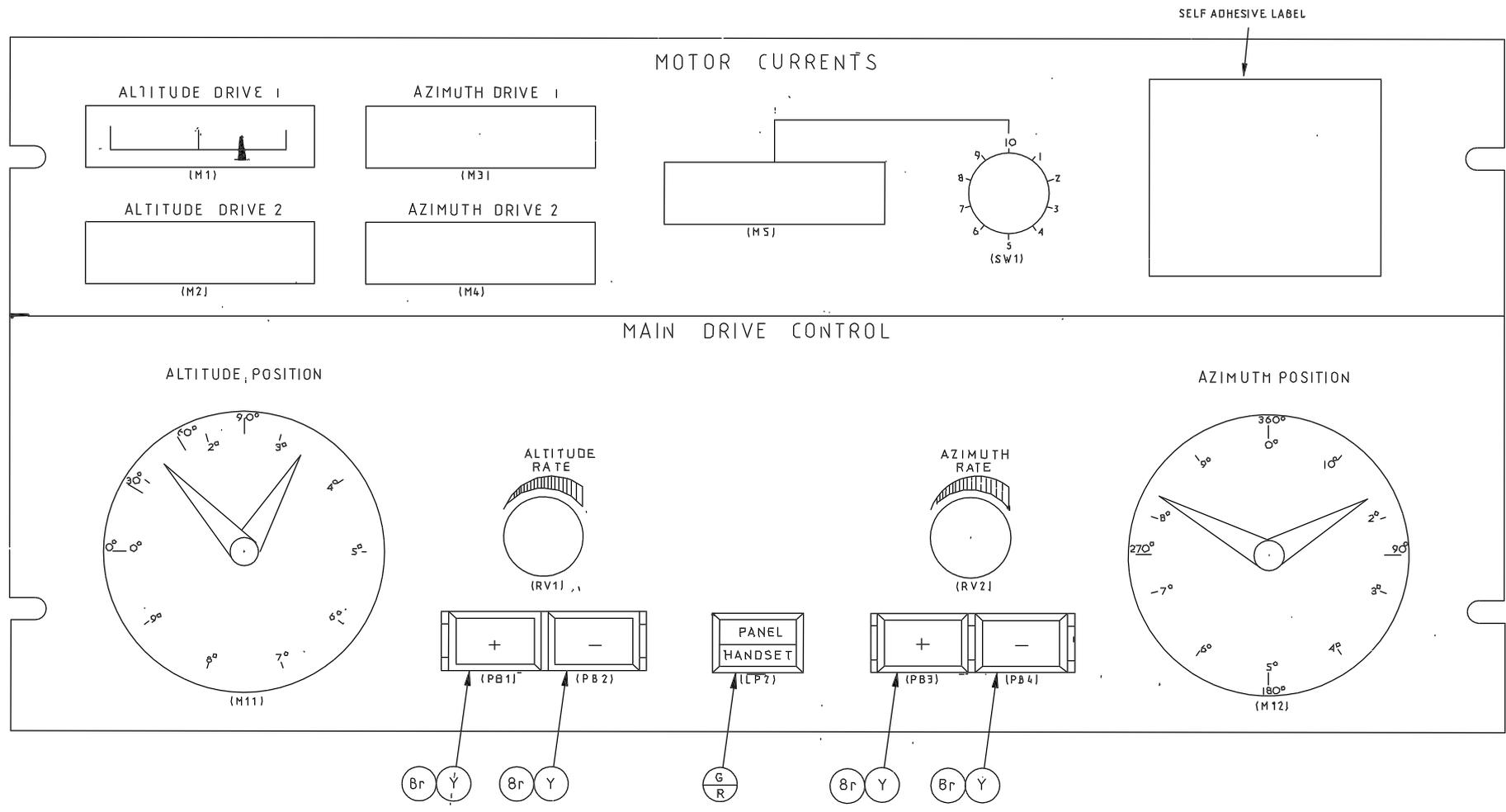
							Tolerances (Unless other wise stated) X ± XX ± XXX ±		Material		Dimns in m.m.		Scale		THIRD ANGLE PROJECTION		G.A. No.	
							Finish		Drg. No.		No. Req.		ROYAL GREENWICH OBSERVATORY, HERSTMONCEUX CASTLE, HAILSHAM SUSSEX.		Title 4.2m TELESCOPE TUBE BALANCE & MANUAL FOCUS PANEL DETAILS.		Drawing No. E-082	
Issue	Mod. No.	Date	Drawn By	Issue	Mod. No.	Date	Drawn By	Used on										



Note:  
COMPONENT REFERENCES SHOWN IN BRACKETS  
ARE NOT TO BE ENGRAVED ON PANEL.

3	18.8.82	J.W.						Tolerances (Unless otherwise stated) X ± XX ± XXY ±	Material	Finish	Dimns in m.m.	Scale	THIRD ANGLE PROJECTION	G.A. No.	
2	14.5.82	J.J.P.													
1	4.5.82	J.J.P.													
Issue	Mod. No.	Date	Drawn By	Issue	Mod. No.	Date	Drawn By						ROYAL GREENWICH OBSERVATORY, HERSTMONCEUX CASTLE, HAILSHAM SUSSEX.	Title 4.2m TELESCOPE. DOME CONTROL & MIRROR DEFINING FORCES PANEL	Drawing No. E-081

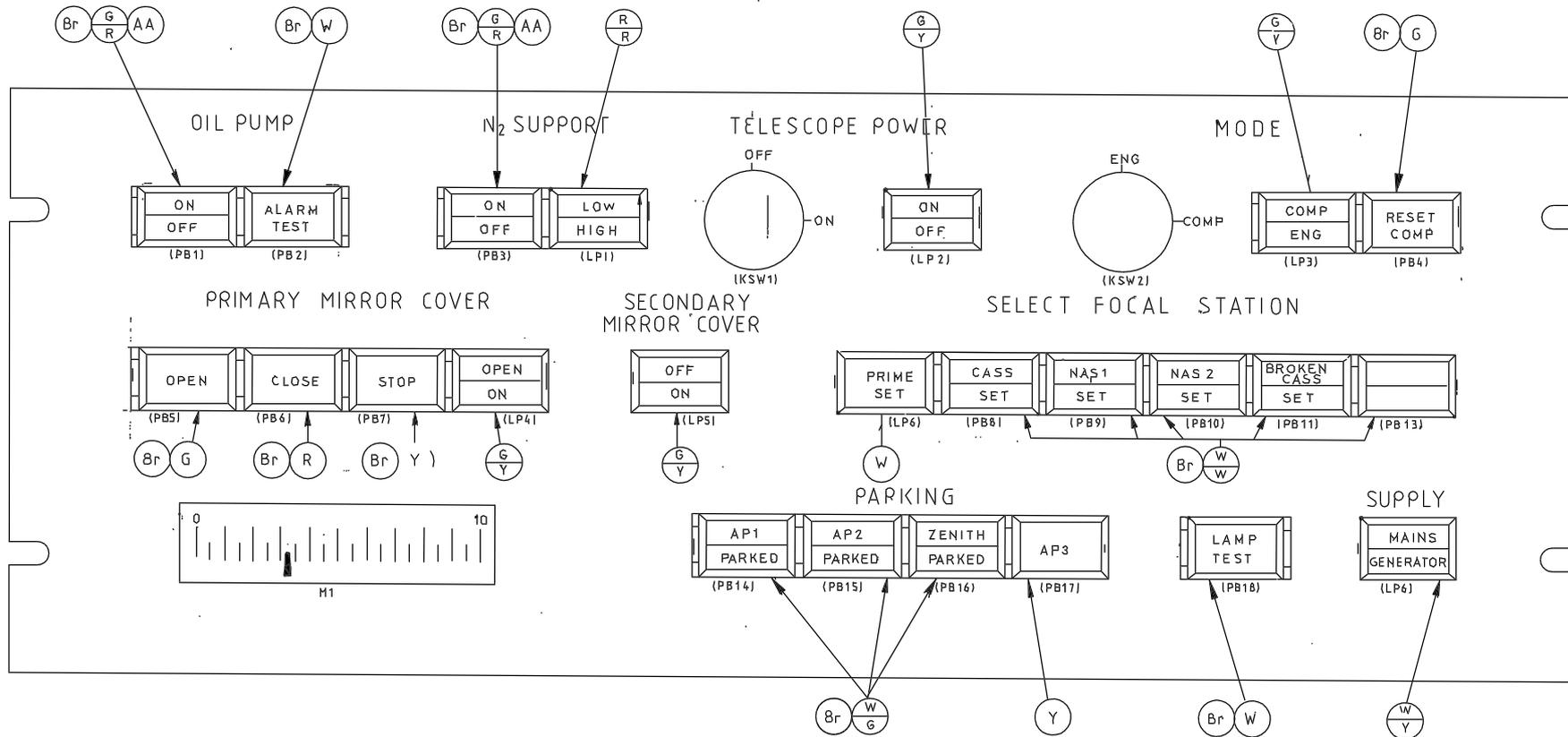




Note: COMPONENT REFERENCES SHOWN IN BRACKETS ARE NOT TO BE ENGRAVED ON PANEL

							Tolerances (Unless otherwise stated)	Material		Dimms In m.m.	Scale	THIRD ANGLE PROJECTION	G.A. No.
1	-	4.5.82	J.J.P.				X ±	Finish				Title	Drawing No.
Issue	Mod. No.	Date	Drawn By	Issue	Mod. No.	Date	X.X ±		Drq. No.	No. Req.		ROYAL GREENWICH OBSERVATORY, HERSTMONCEUX CASTLE, HAILSHAM SUSSEX.	4.2m TELESCOPE. MOTOR CURRENT & MAIN DRIVE CONTROL PANEL
							X.XX ±		Used on				E-079



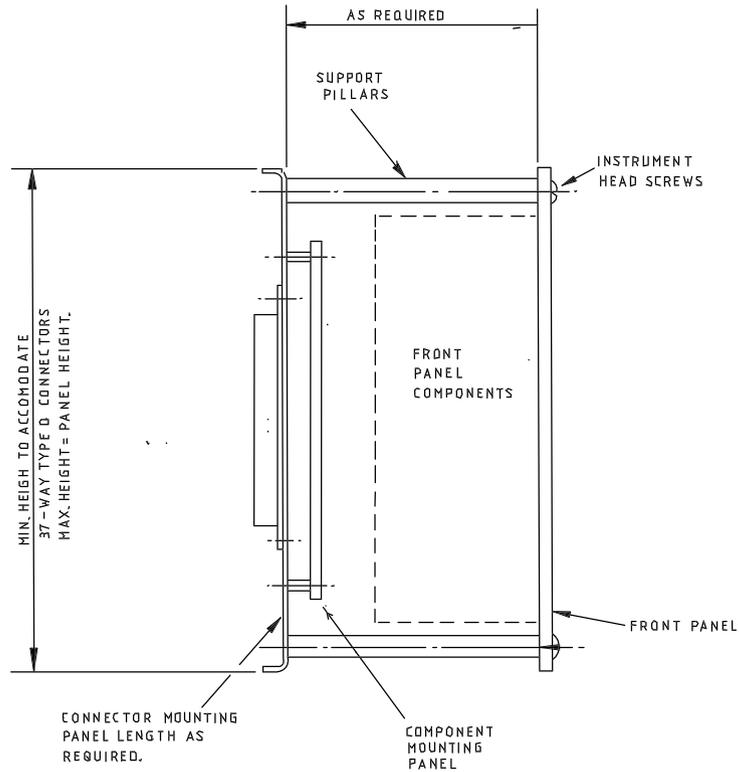


Note:  
COMPONENT REFERENCES SHOWN IN BRACKETS  
NOT TO BE ENGRAVED ON PANEL.

Issued	Mod. No.	Date	Drawn By	Issue	Mod. No.	Date	Drawn By	Tolerances (Unless otherwise stated) X ± XX ± X.XX ±	Material	Finish	Dimms in m.m.	Scale	THIRD ANGLE PROJECTION	G.A. No.
											ROYAL GREENWICH OBSERVATORY, HERSTMONCEUX CASTLE, HAILSHAM SUSSEX.		Title 4.2m TELESCOPE. SERVICES CONTROL PANEL	Drawing No. E-077



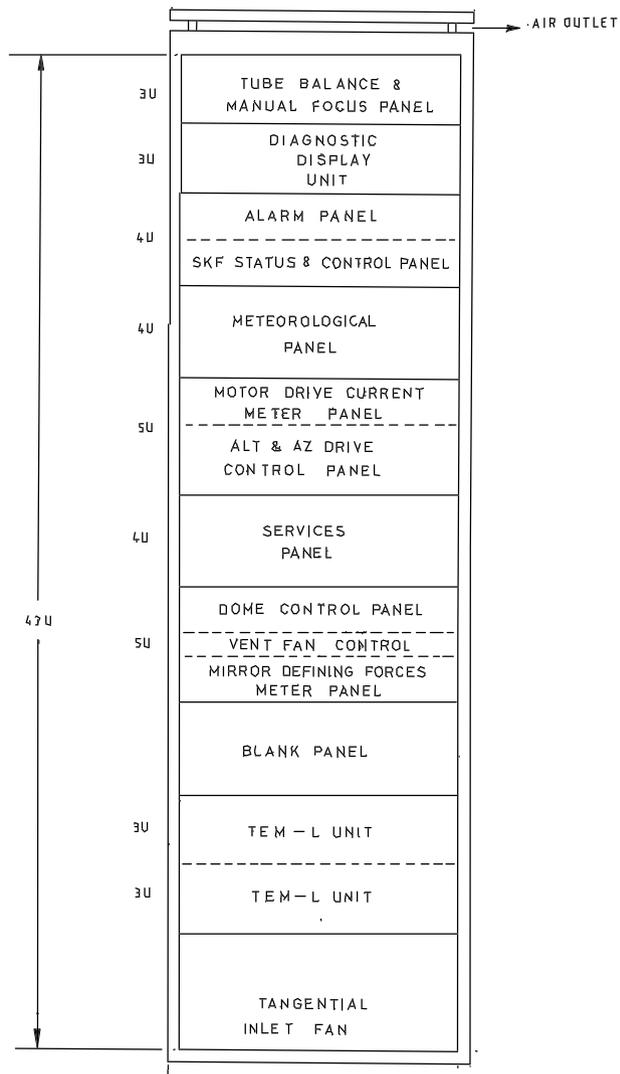
Drawing No.  
E - 075.



NOTE:-  
CONNECTOR MOUNTING PANEL MAY BE MOUNTED ON  
BRACKETS SPOT WELDED TO FRONT PANEL IF PREFERRED.

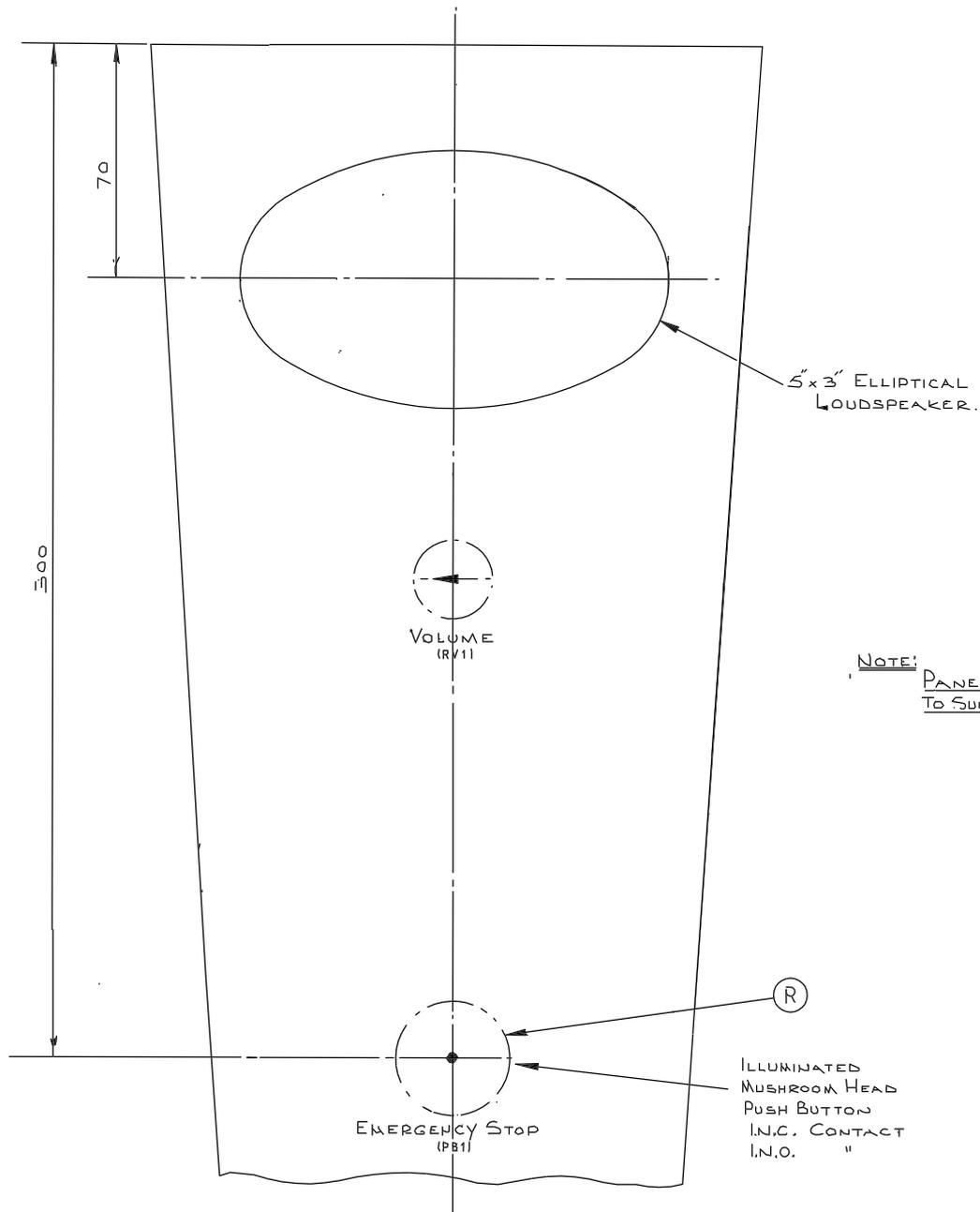
								Tolerances (Unless other (see noted)	Material	Dimms in m.m.		Scale	THIRD ANGLE PROJECTION.	G.A. No.
1	—	2.7.82.	J.J.P.					Finish	Drg. No.	No. Req.	ROYAL GREENWICH OBSERVATORY, HERSTMONCEUX CASTLE, HAILSHAM SUSSEX.	Title 4.2m TELESCOPE. CONTROL CONSOLE PANEL CONNECTOR & COMPONENT MOUNTING.	Drawing No. E - 075	
Issue	Mod. No.	Date	Drawn By	Issue	Mod. No.	Date	Drawn By		Used on					
								X ± X.X ± X.XX ±						

Drawing No.  
E-074



Issue	Mod. No.	Date	Drawn By	Issue	Mod. No.	Date	Drawn By	Tolerances (Unless other wise stated)	Material	Finish	Dimns in mm.	Scale	THIRD ANGLE PROJECTION	G.A. No.	
1	-	4.5.82	J.J.P					Y ± X.X ± Y.XX ±					ROYAL GREENWICH OBSERVATORY, HERSTMONCEUX CASTLE, HAILSHAM SUSSEX.	Title 4.2 m TELESCOPE ENGINEERING CONTROL RACK LAYOUT	Drawing No. E-074

Drawing No.  
E-073.

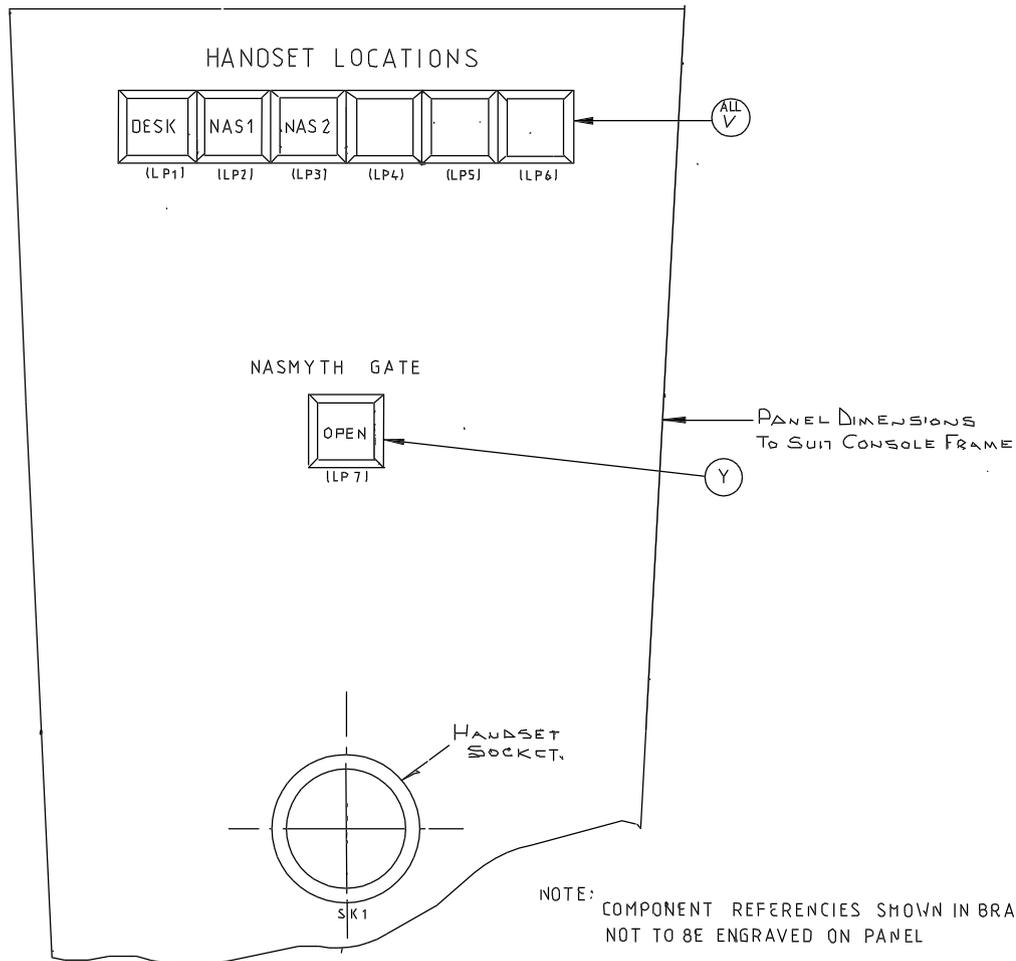


NOTE:  
PANEL DIMENSIONS  
TO SUIT CONSOLE FRAME.

								Tolerances (Unless otherwise stated)		Material		Dimensions in m.m.		Scale		THIRD ANGLE PROJECTION		G.A. No.	
								X ±	Finish		ROYAL GREENWICH OBSERVATORY, HERSTMONCEUX CASTLE, HAILSHAM		Scale		Title		Drawing No.		
Issue	Mod. No.	Date	Drawn By	Issue	Mod. No.	Date	Drawn By	X.X ±	Used on		No. Req.		4.2m TELESCOPE, CONSOLE R.H. FILLER PANEL T/S NOISE MONITOR AND EMERGENCY STOP		E-073				
		4.5.82	J.J.P.					X.XX ±											

Drawing No.

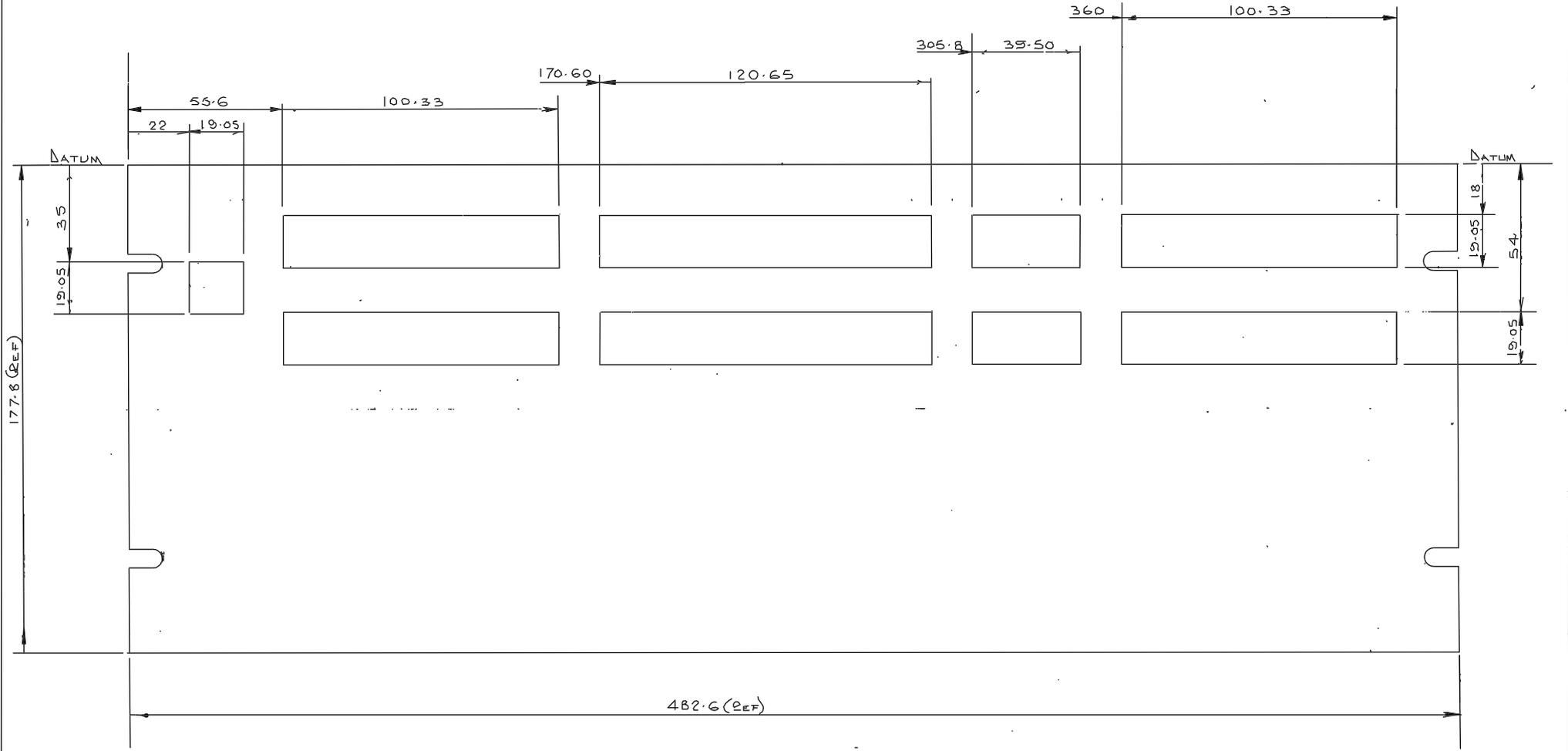
E-072



3	-	16.9.82	J.J.P.					Tolerances (Unless otherwise stated) X ± XX ± XXX ±	Material	Finish	Dimns in m.m.	Scale	THIRD ANGLE PROJECTION	G.A. No.		
2	-	22.7.82	J.J.P.				ROYAL GREENWICH OBSERVATORY, HERSTMONCEUX CASTLE, HAILSHAM SUSSEX.								Title 4.2m TELESCOPE CONSOLE L.H. FILLER PANEL HANDSET LOCATION INDICATORS. LAYOUT	Drawing No. E-072
1	-	4.5.82	J.J.P.													
Issue	Mod. No.	Date	Drawn By	Issue	Mod. No.	Date	Drawn By	Used on	Drg. No.	No. Req.						



Drawing No.  
E-070



Issue	Mod. No.	Date	Drawn By	Issue	Mod. No.	Date	Drawn By

Tolerances (Unless otherwise stated)  
 X ±  
 XX ±  
 XXX ±

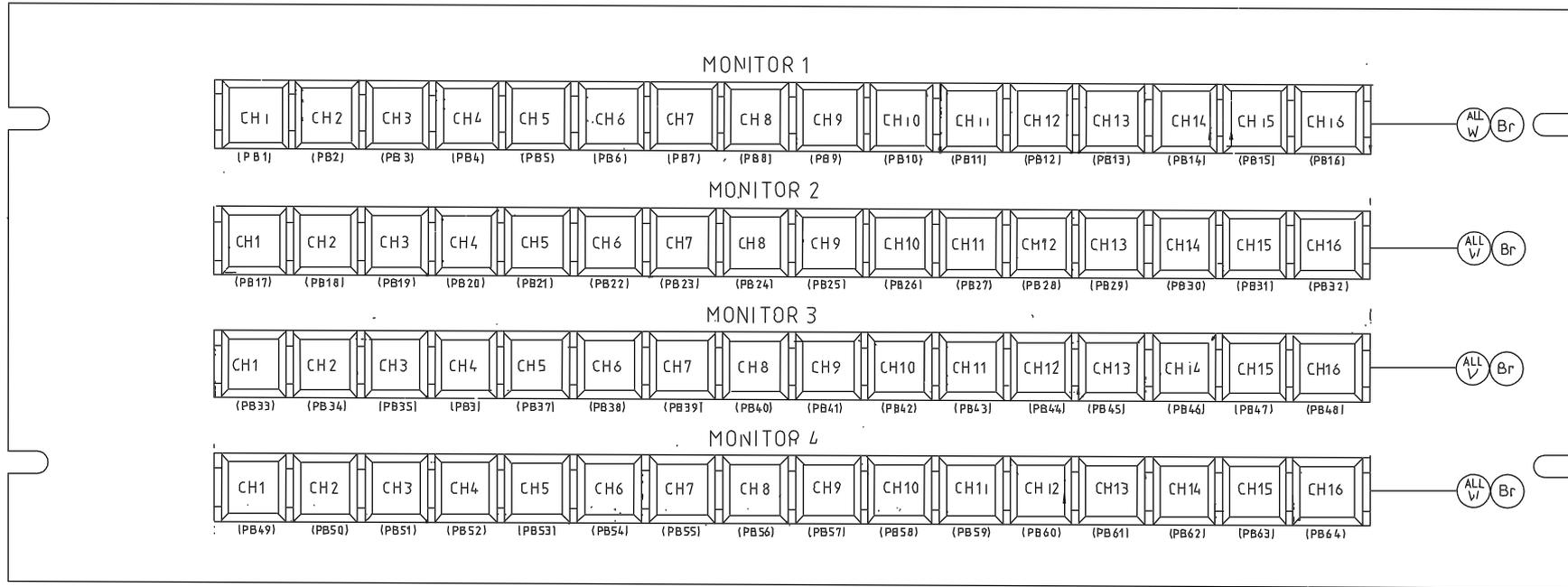
Material	Finish	Used on	Dr. No.	No. Req.

Dim's in m.m. Scale  
 ROYAL GREENWICH OBSERVATORY,  
 HERSTMONCEUX CASTLE,  
 HALLSHAM SUSSEX.

THIRD ANGLE PROJECTION  
 Title  
 4.2m TELESCOPE.  
 ALARM & SKF STATUS & REMOTE  
 CONTROL PANEL. DETAILS

G.A. No.  
 Drawing No.  
 E-070

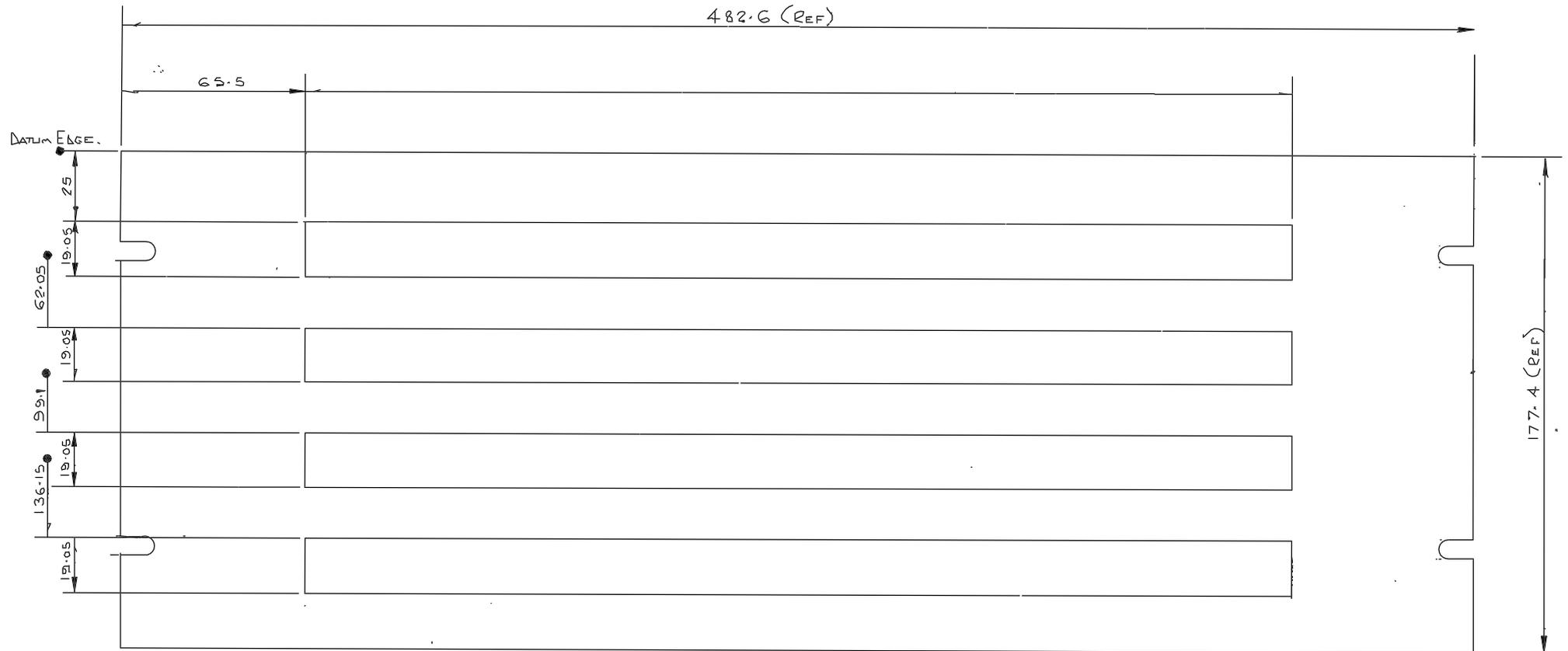




Note: COMPONENT REFERENCES SHOWN IN BRACKETS ARE NOT TO BE ENGRAVED ON PANEL.

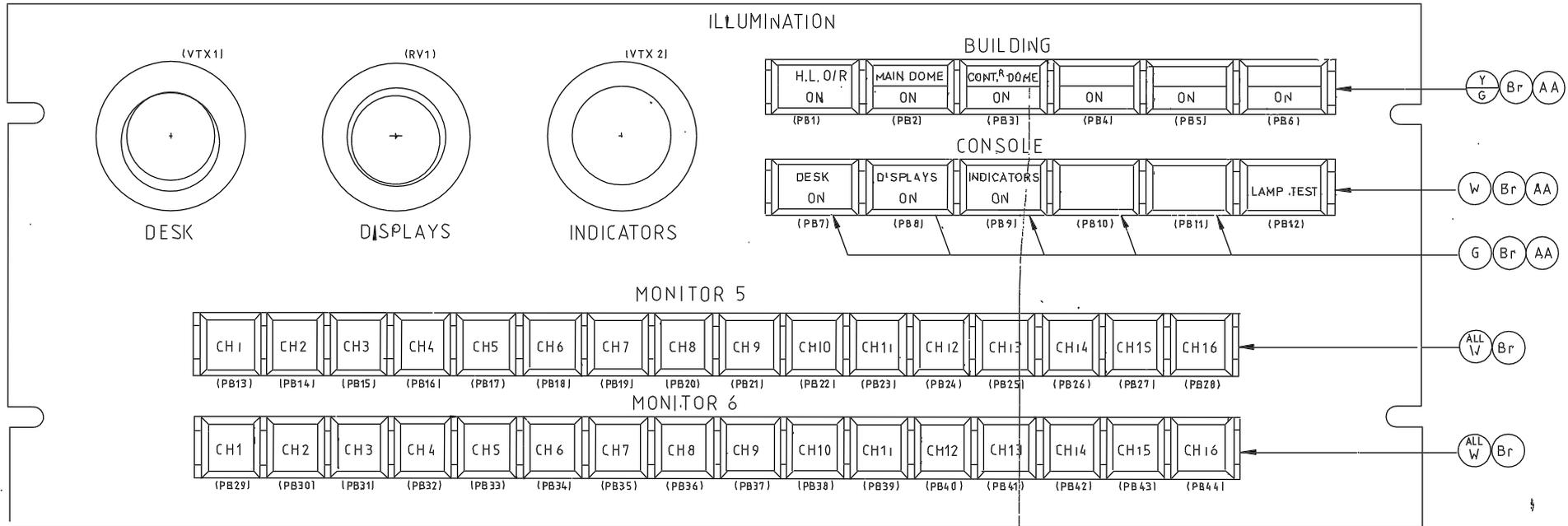
				Tolerances (Unless otherwise stated)				Material		Dimns in m.m.		Scale		THIRD ANGLE PROJECTION		G.A. No.	
				X ±				Finish		Drg. No.		ROYAL GREENWICH OBSERVATORY, HERSTMONCEUX CASTLE, HAILSHAM SUSSEX.		Title 4-2m TELESCOPE MONITOR PANEL (LAYOUT)		Drawing No. E - 066.	
				XX ±													
				XX ±				Used on									
Issue	Mod. No.	Date	Drawn By	Issue	Mod. No.	Date	Drawn By										

Drawing No.  
E-065



								Tolerance. (Unless otherwise stated)		Material	Dimn. in m.m.		Scale	THIRD ANGLE PROJECTION		G.A. No.
Issue	Mod. No.	Date	Drawn By	Issue	Mod. No.	Date	Drawn By	X ±	X.X ±		Finish	Drg. No.		No. Req.	Title	
								X.XX ±						4.2m TELESCOPE MONITOR PANEL (DETAILS)		E-065
											Used on			ROYAL GREENWICH OBSERVATORY, HERSTMONCEUX CASTLE, HAILSHAM SUSSEX.		

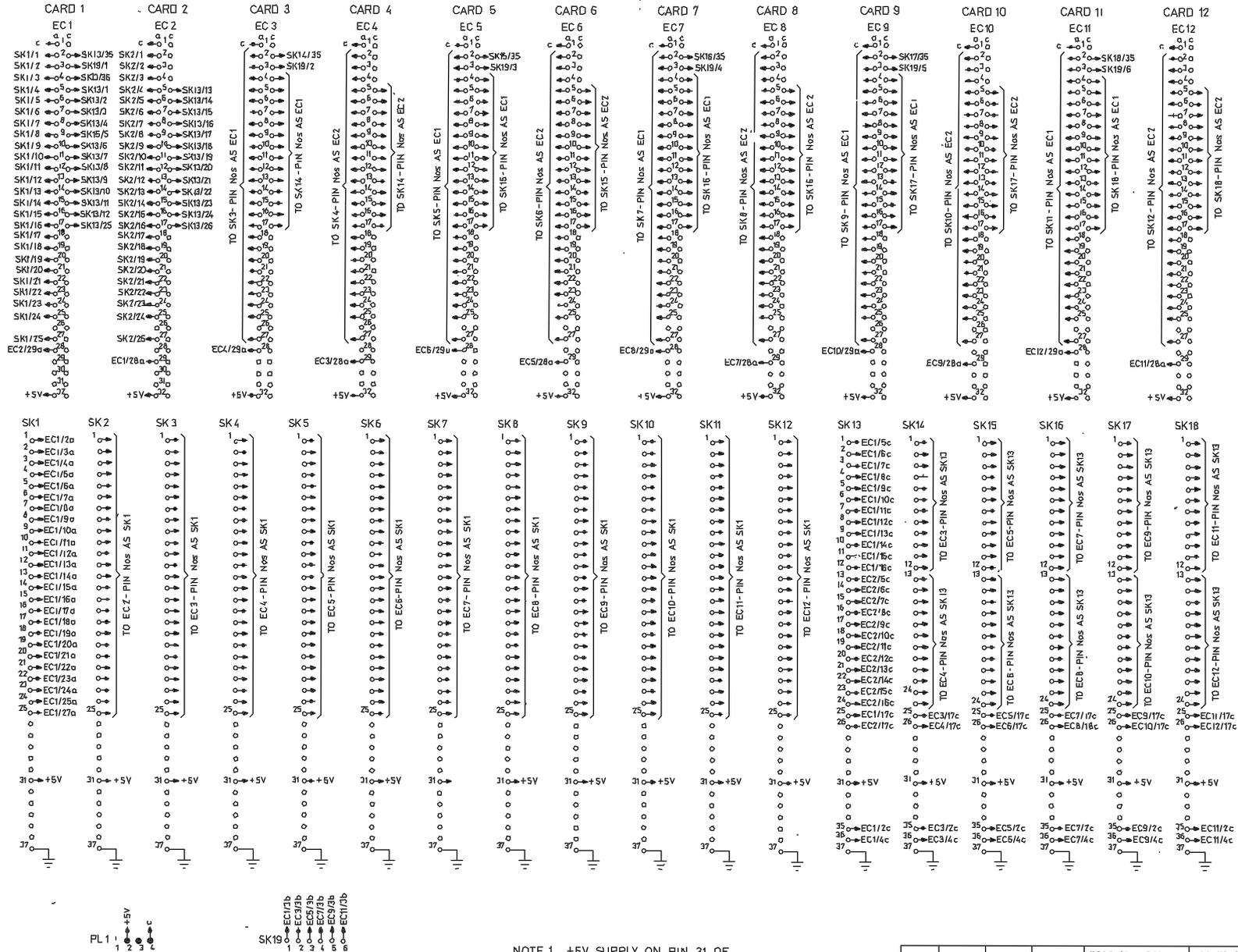
Drawing No.  
E-064



Note: COMPONENT REFERENCES SHOWN IN BRACKETS ARE NOT TO ENGRAVED ON PANEL.

							Tolerances (Unless other-wise stated)	Material		Dimns In m.m.		Scale	THIRD ANGLE PROJECTION	G.A. No.
I	-	S. S. BZ	J. J. P.				X ±	Finish				ROYAL GREENWICH OBSERVATORY, HERSTMONCEUX CASTLE, HAILSHAM SUSSEX.	Title 4.2 m TELESCOPE. ILLUMINATION AND MONITOR PANEL LAYOUT DETAILS.	Drawng No.
Issue	Invd. No.	Date	Drawn By	Issue	Mod. No.	Date	Drawn By		Drg. No.	No. Req.	Used on			E-064

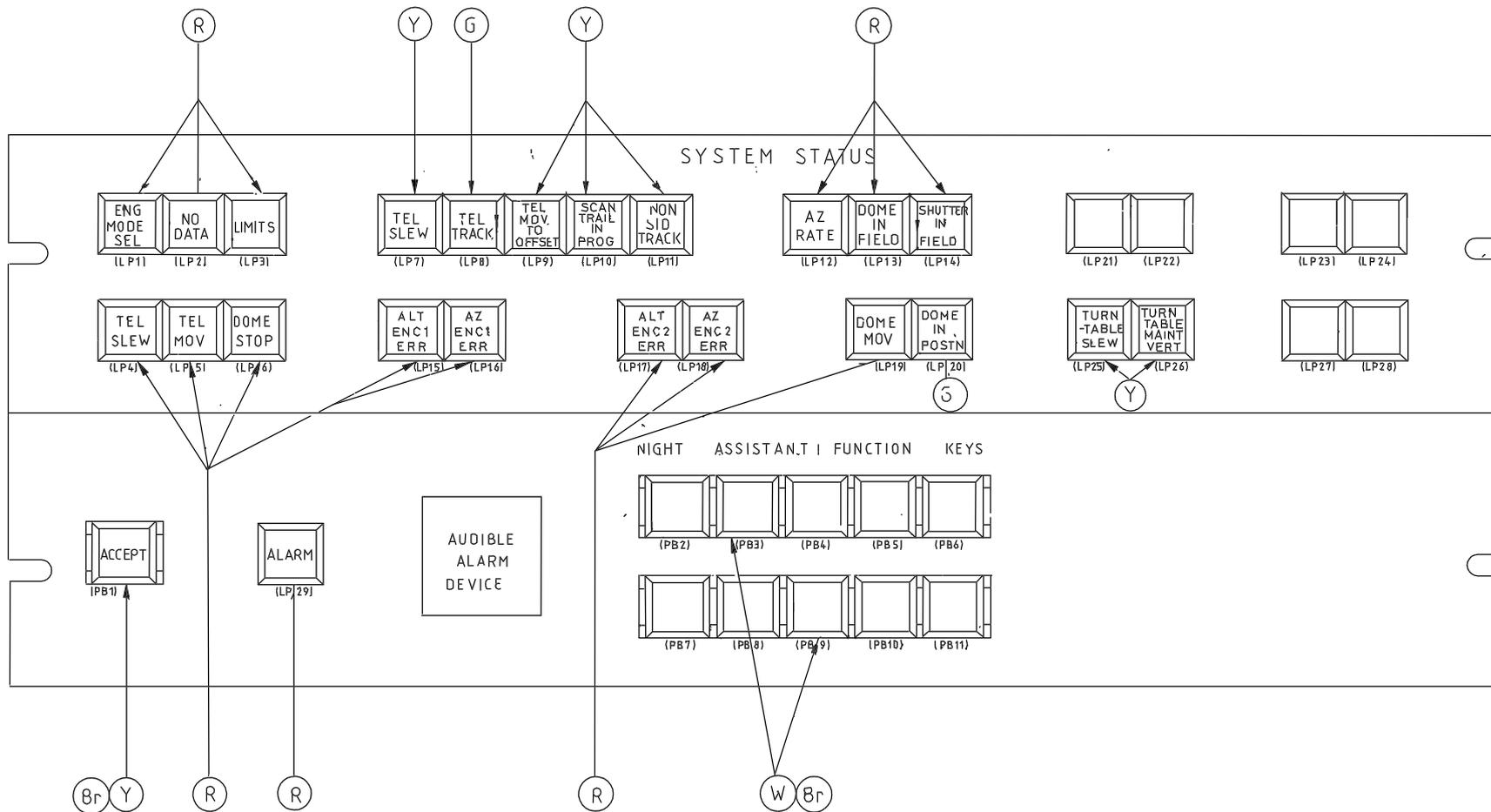




NOTE 1. +5V SUPPLY ON PIN 31 OF SK 1 TO SK 18 IS FOR USE WITH TEST JIG ONLY.

				TOLS. (UNLESS OTHERWISE STATED)		MATERIAL			
				FRACTIONS:		FINISH		DRG. No. No. REQ. USED ON	
ISSUE				MOD. No.		DATE		DRAWN BY	
DIMNS. IN INCH.				SCALE:		THIRD ANGLE PROJECTION			
ROYAL GREENWICH OBSERVATORY, HERSTMONCEUX CASTLE HAILSHAM, SUSSEX.				TITLE		L. 2 m TELESCOPE CARD FRAME, No. 1 (ANTI-BOUNCE CARDS)		DRAWING No. E-062	

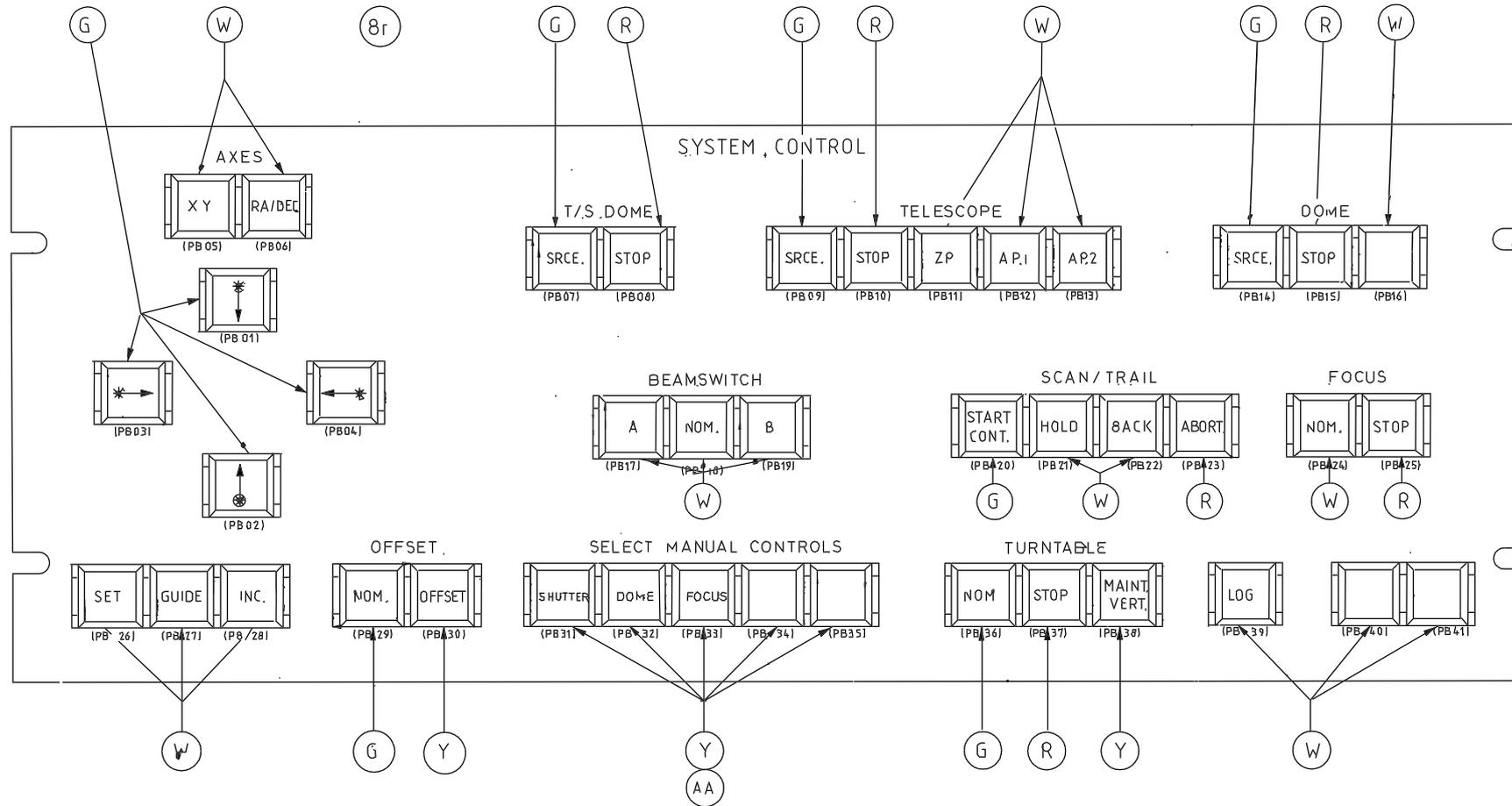
Drawing No.  
E-058



Note:  
COMPONENT REFERENCE SHOWN IN BRACKETS ARE NOT TO BE ENGRAVED ON PANEL.

				Tolerances (Unless otherwise stated)				Material	Dimms in m.m.		Scale	THIRD ANGLE PROJECTION	G.A. No.
1	-	26.4.62		X ±			Finish	ROYAL GREENWICH OBSERVATORY, HERSTMONCEUX CASTLE, HAILSHAM			Title	4.2m TELESCOPE, SYSTEM STATUS AND ALARM PANEL LAYOUT DETAILS.	Drawing No.
Issue	Mod. No.	Date	Drawn By	Issue	Mod. No.	Date	Drawn By	Drg. No.	No. Req.	Used on			E-058





Note: COMPONENT REFERENCES SHOWN IN BRACKETS ARE NOT TO BE ENGRAVED ON PANEL

								Tolerances (Unless otherwise stated)		Material		Dimms In m.m.		Scale		THIRD ANGLE PROJECTION		G.A. No.	
								X ±		Finish		ROYAL GREENWICH OBSERVATORY, HERSTMONCEUX CASTLE, HAILSHAM		Title		4.2m TELESCOPE SYSTEM CONTROL PANEL LAYOUT DETAILS.		Drawing No.	
								XX ±		Drg. No.								.E-056	
								XXX ±		Used on									
Issue	Mod. No.	Date	Drawn By	Issued	Mod. No.	Date	Drawn By												
1	-	4.5.87	J.J.P.																

Drawing No.

E-055.

⊖ — BARRIER

⊖ — GREEN

⊖ — RED

⊖ — WHITE

⊖ — YELLOW

⊖ — ALTERNATIVE ACTION

$\frac{Y}{G}$  — YELLOW / GREEN.

				Tolerances (Unless otherwise stated)	Material			Dims. in m.m.	Scale:	THIRD ANGLE PROJECTION	G.A. No.
				X ±	Finish	Org. No.	No. Req.	Central Technical Observatory, Hazarona, J. Co. S. S. 1974, Pakistan	Title KEY & INFORMATION SHEET	Drawing No. E-055.	
Issue	Mod. No.	Date	Drawn By	XX ±		Used on					
				XXX ±							

