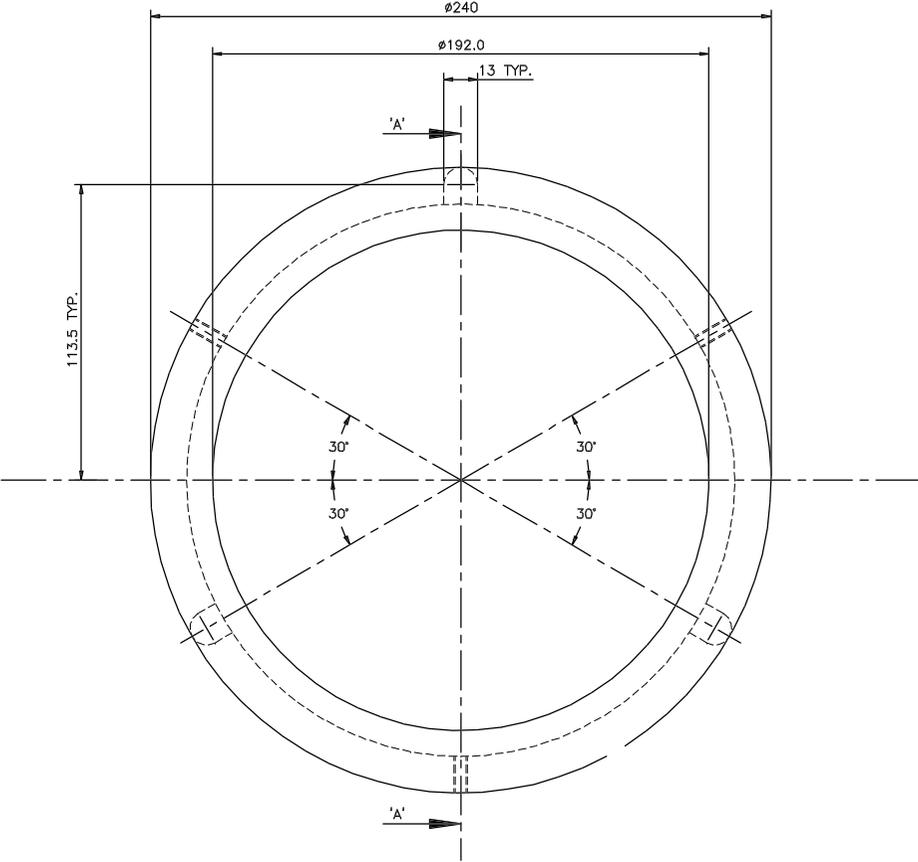
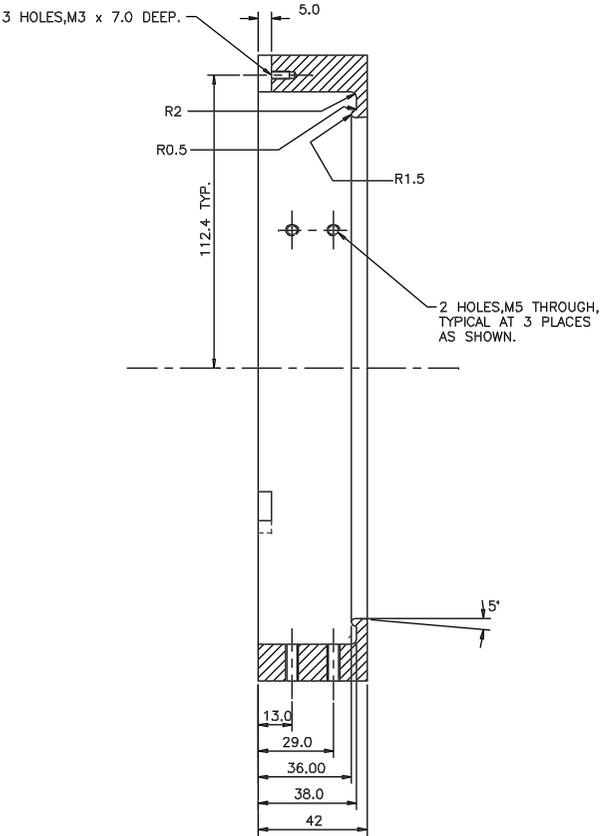


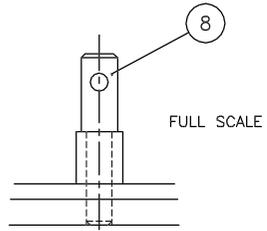
REMOVE ALL SHARP EDGES



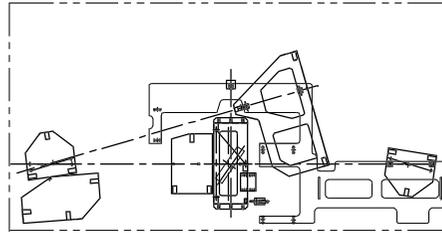
8		TITLE CELL	
MATERIAL ALUM. ALLOY	SCALE 1:1	TOLERANCES x ±0.5 xx ±0.2 xxx ±0.1	
FINISH MATT BLK ANODISE	No. REQD. PER UNIT 1		
G.A. No. V/BL/720	R.G.O.	DRAWING No. W/BL/728	

								Tolerance (Unless otherwise stated) X +/- XX +/- XXX +/- ANG. +/-		Material		Dimns. in m.m.	Scale	THIRD ANGLE PROJECTION		GA No.
				SEPT 91 PROMEC				Finish		Drg.No.	No. Req.	ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD CAMBRIDGE CB3 0EZ		Title		Drawing No.
Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by			Used on			DETAILS		W/BL/728	



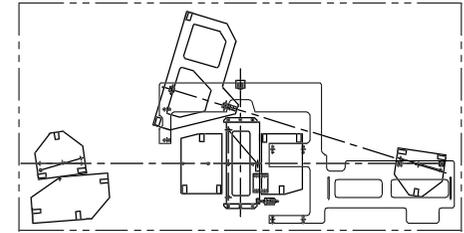


TYPICAL JIG PIN LOCATION



FINAL SETUP FOR REFLECTION GRATING

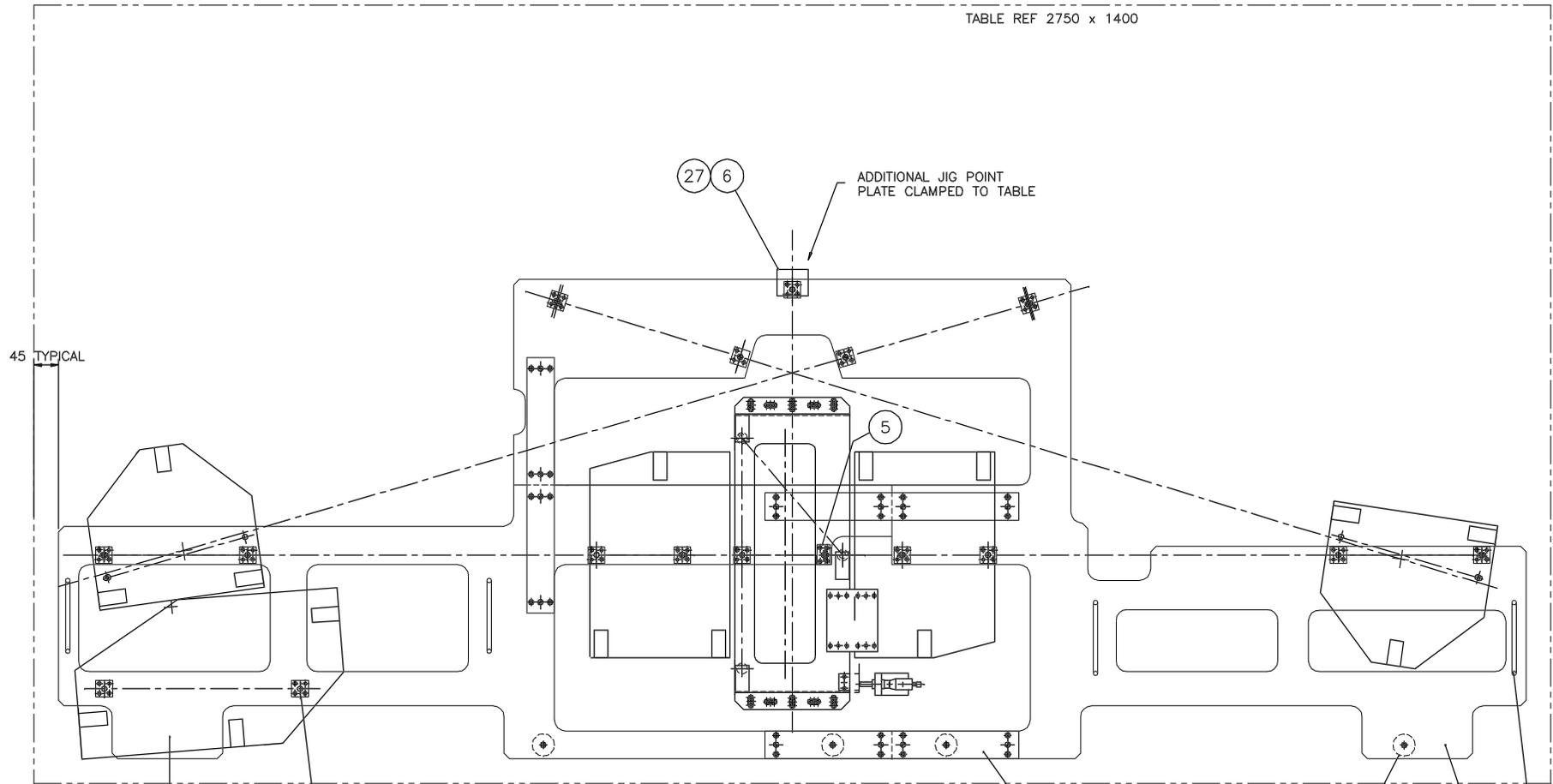
1/16 FULL



FINAL SETUP FOR TRANSMISSION GRATING  
(GRATING + 2ND COLL. MOVED TO STOP)

1/16 FULL

TABLE REF 2750 x 1400



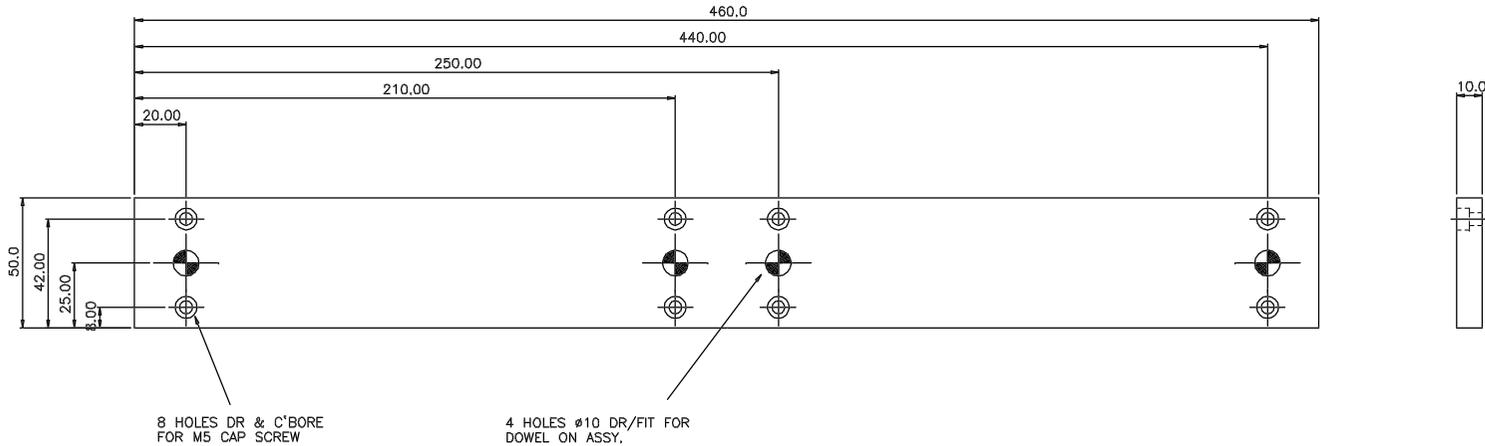
INITIAL SETUP

USE TO SET SLIT AND BOTH RELAY MIRROR BASES  
ALSO TO SET REFLECTIVE GRATING PLUS FIRST COLLIMATOR  
IN ADDITION THE SECOND COLLIMATOR POSITIONED REL TO  
THE GRATING BASE FOR TRANSFERING CONN. PLATE HOLES.

Tolerance (Unless otherwise stated)								Material		Dimns.in m.m.		Scale 1/4 & 1/16		THIRD ANGLE PROJECTION				GA No.			
X X.X X.XX ANG.				+/- +/- +/- +/-				Finish		Drg.No.		No.Req.		ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD CAMBRIDGE CB3 0EZ				Title		Drawing No.	
Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by	Used on		Used on		WYFFOS SETTING PLATES				W/BL/700					
				B		25/6/93	PROMECH														

Drawing No. 708  
W/BL/703

REMOVE ALL SHARP EDGES

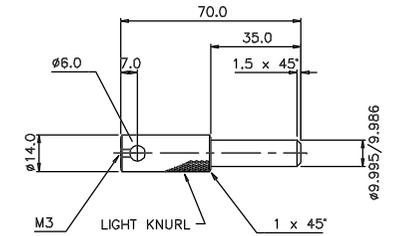


8 HOLES DR & C'BORE FOR M5 CAP SCREW

4 HOLES Ø10 DR/FIT FOR DOWEL ON ASSY.

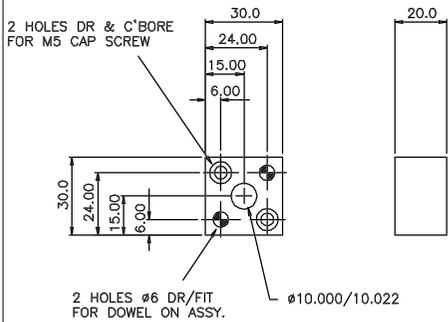
3 STRAP		
MATERIAL	SCALE	TOLERANCES
ALUM ALLOY	FULL	X. ±0.5
FINISH	No. REQD. PER UNIT	XX ±0.3
BLK ANODISE	3	XXX ±0.1
G.A. No.	DRAWING No.	
W/BL/700	R.G.O. W/BL/703	ISS B

REMOVE ALL SHARP EDGES



8 JIG PIN		
MATERIAL	SCALE	TOLERANCES
STAINLESS STL	FULL	X. ±0.5
FINISH	No. REQD. PER UNIT	XX ±0.3
BLK ANODISE	14	XXX ±0.1
G.A. No.	DRAWING No.	
W/BL/700	R.G.O. W/BL/708	ISS B

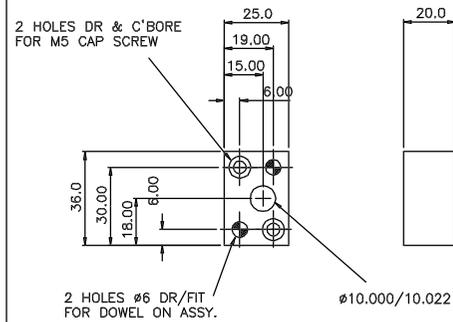
REMOVE ALL SHARP EDGES



2 HOLES DR & C'BORE FOR M5 CAP SCREW

2 HOLES Ø6 DR/FIT FOR DOWEL ON ASSY.

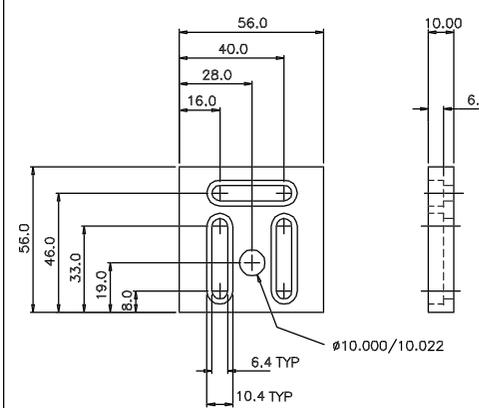
REMOVE ALL SHARP EDGES



2 HOLES DR & C'BORE FOR M5 CAP SCREW

2 HOLES Ø6 DR/FIT FOR DOWEL ON ASSY.

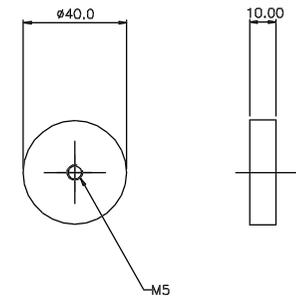
REMOVE ALL SHARP EDGES



Ø10.000/10.022

6 BUSH PLT		
MATERIAL	SCALE	TOLERANCES
ALUM ALLOY	FULL	X. ±0.5
FINISH	No. REQD. PER UNIT	XX ±0.3
BLK ANODISE	1	XXX ±0.1
G.A. No.	DRAWING No.	
W/BL/700	R.G.O. W/BL/706	ISS B

REMOVE ALL SHARP EDGES



7 PACKER		
MATERIAL	SCALE	TOLERANCES
ALUM ALLOY	FULL	X. ±0.5
FINISH	No. REQD. PER UNIT	XX ±0.3
BLK ANODISE	4	XXX ±0.1
G.A. No.	DRAWING No.	
W/BL/700	R.G.O. W/BL/707	ISS B

4 LOCATION BLOCK		
MATERIAL	SCALE	TOLERANCES
ALUM ALLOY	FULL	X. ±0.5
FINISH	No. REQD. PER UNIT	XX ±0.3
BLK ANODISE	16	XXX ±0.1
G.A. No.	DRAWING No.	
W/BL/700	R.G.O. W/BL/704	ISS B

5 LOCATION BLOCK		
MATERIAL	SCALE	TOLERANCES
ALUM ALLOY	FULL	X. ±0.5
FINISH	No. REQD. PER UNIT	XX ±0.3
BLK ANODISE	1	XXX ±0.1
G.A. No.	DRAWING No.	
W/BL/700	R.G.O. W/BL/705	ISS B

Tolerance (Unless otherwise stated)		Material	
X	±		
XX	±		
XXX	±		
ANG.	+/-		

Dimns. in m.m.		Scale	
Drg.No.	No. Req.		
Used on			

ROYAL GREENWICH OBSERVATORY  
MADINGLEY ROAD  
CAMBRIDGE CB3 0EZ

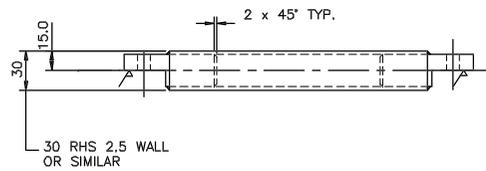
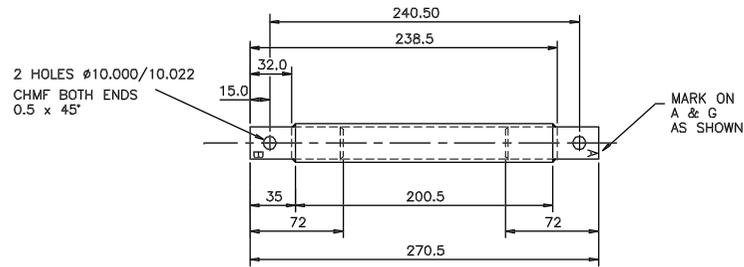
THIRD ANGLE PROJECTION  
Title

DETAILS

GA No.  
Drawing No. 708  
W/BL/703

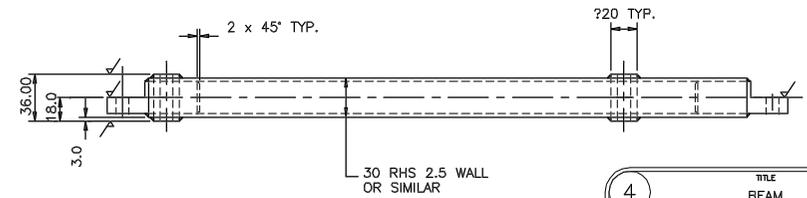
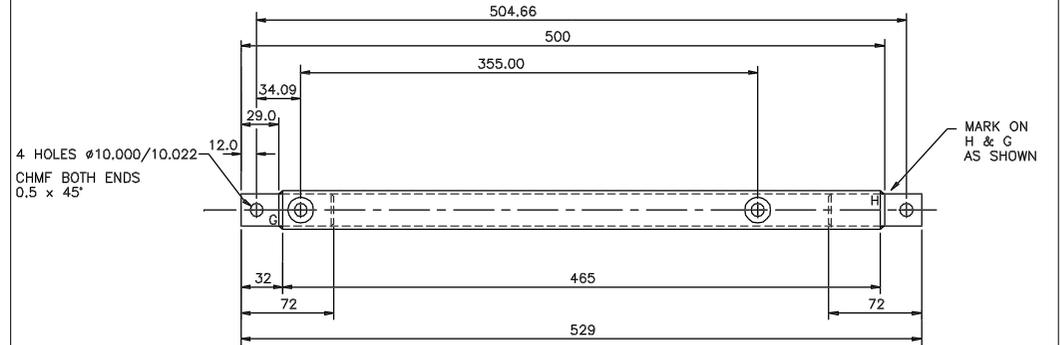
Drawing No.  
W/BL/704-707

REMOVE ALL SHARP EDGES



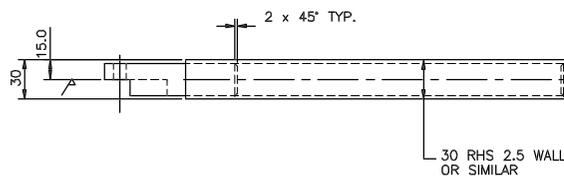
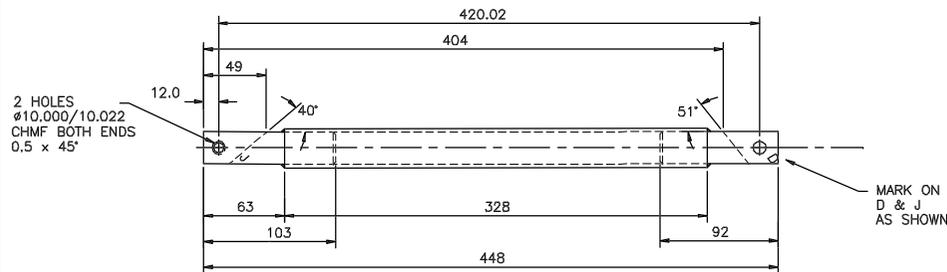
7		TITLE BEAM	
MATERIAL	SCALE	TOLERANCES	
M.S. FABN.	1:1	x	±0.5
FINISH	No. REQD. PER UNIT	x.x	±0.2
TO RGO SPEC	1	x.xx	±0.1
G.A. No.	DRAWING No.		
V/BL/700	A R.G.O. W/BL/707	ISS A	

REMOVE ALL SHARP EDGES



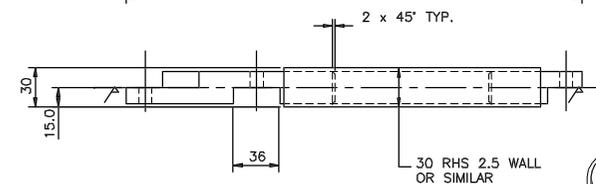
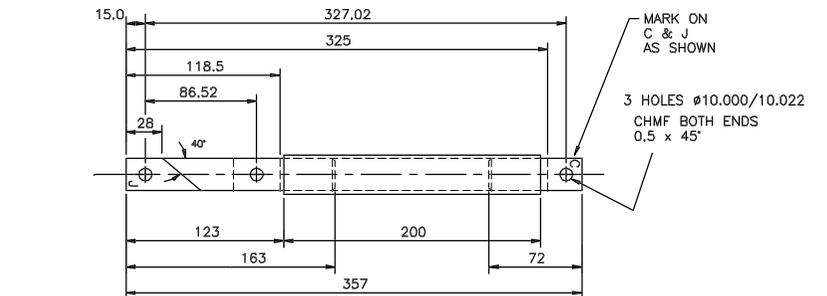
4		TITLE BEAM	
MATERIAL	SCALE	TOLERANCES	
M.S. FABN.	1:1	x	±0.5
FINISH	No. REQD. PER UNIT	x.x	±0.2
TO RGO SPEC	1	x.xx	±0.1
G.A. No.	DRAWING No.		
V/BL/700	A R.G.O. W/BL/704	ISS A	

REMOVE ALL SHARP EDGES



5		TITLE BEAM	
MATERIAL	SCALE	TOLERANCES	
M.S. FABN.	1:1	x	±0.5
FINISH	No. REQD. PER UNIT	x.x	±0.2
TO RGO SPEC	1	x.xx	±0.1
G.A. No.	DRAWING No.		
V/BL/700	A R.G.O. W/BL/705	ISS A	

REMOVE ALL SHARP EDGES



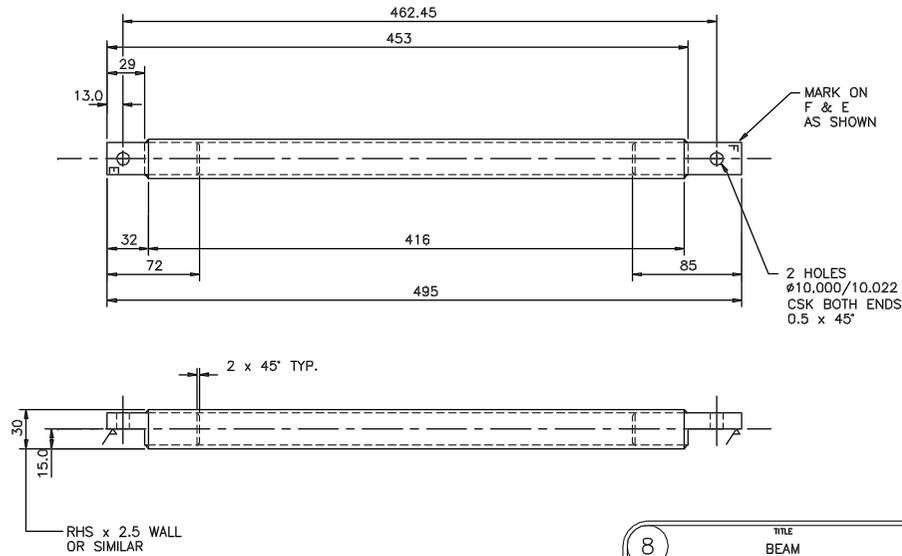
6		TITLE BEAM	
MATERIAL	SCALE	TOLERANCES	
M.S. FABN.	1:1	x	±0.5
FINISH	No. REQD. PER UNIT	x.x	±0.2
TO RGO SPEC	1	x.xx	±0.1
G.A. No.	DRAWING No.		
V/BL/700	A R.G.O. W/BL/706	ISS A	

Tolerance (Unless otherwise stated)		Material		Dimns. in m.m.		Scale		THIRD ANGLE PROJECTION		GA No.	
x	+/-									Drawing No.	
x.x	+/-	Finish		Drg.No.		ROYAL GREENWICH OBSERVATORY		Title		W/BL/704-707	
x.xx	+/-			Used on		MADINGLEY ROAD		DETAILS			
x.xxx	+/-					CAMBRIDGE CB3 0EZ				FILE WBL704A	
ANG.	+/-										



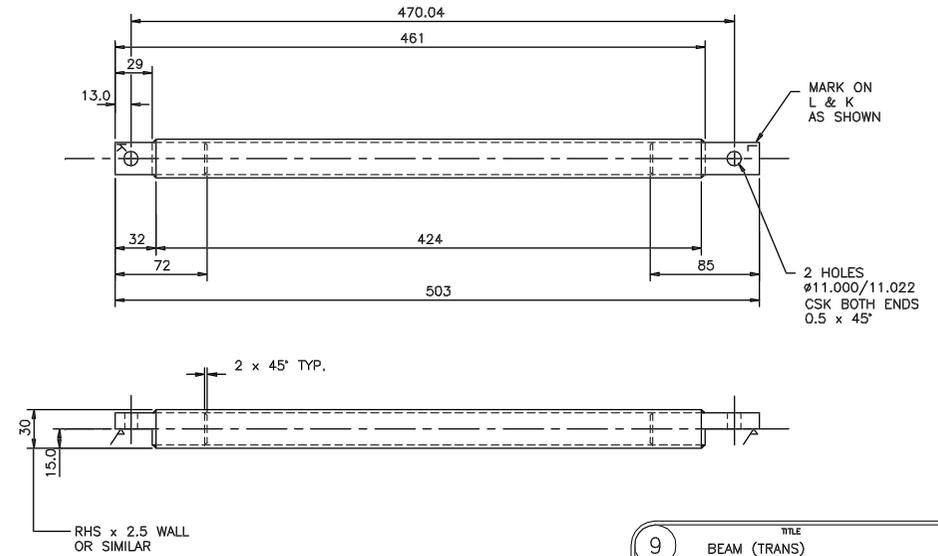
Drawing No.  
W/BL/708-712

REMOVE ALL SHARP EDGES



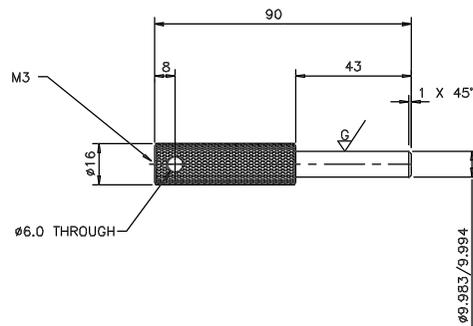
8		TITLE BEAM	
MATERIAL M.S. FABN.	SCALE 1:2	TOLERANCES x ±0.5 xx ±0.2 xxx ±0.1	
FINISH TO RGO SPEC	No. REQD. PER UNIT 1		
G.A. No. V/BL/700	A R.G.O.	DRAWING No. W/BL/708	ISS A

REMOVE ALL SHARP EDGES



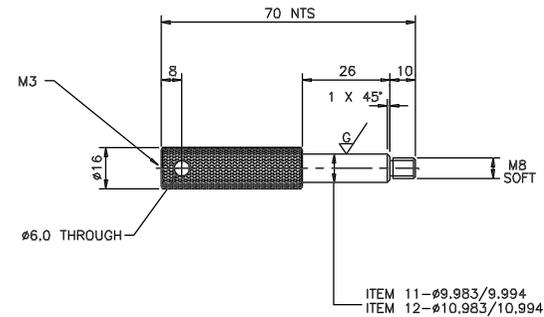
9		TITLE BEAM (TRANS)	
MATERIAL M.S. FABN.	SCALE 1:2	TOLERANCES x ±0.5 xx ±0.2 xxx ±0.1	
FINISH TO RGO SPEC	No. REQD. PER UNIT 1		
G.A. No. V/BL/700	A R.G.O.	DRAWING No. W/BL/709	ISS A

REMOVE ALL SHARP EDGES



10		TITLE JIG PIN	
MATERIAL CHMS	SCALE 1:1	TOLERANCES x ±0.5 xx ±0.2 xxx ±0.1	
FINISH TO RGO SPEC	No. REQD. PER UNIT 12 OFF		
G.A. No. V/BL/700	A R.G.O.	DRAWING No. W/BL/710	ISS A

REMOVE ALL SHARP EDGES



11 12		TITLE JIG PIN	
MATERIAL CHMS	SCALE 1:1	TOLERANCES x ±0.5 xx ±0.2 xxx ±0.1	
FINISH TO RGO SPEC	No. REQD. PER UNIT SEE DRG.		
G.A. No. V/BL/700	A R.G.O.	DRAWING No. W/BL/711-712	ISS A

Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by

Tolerance (Unless otherwise stated)	Material
x +/-	
xx +/-	Finish
xxx +/-	
ANG. +/-	

Dimns. In m.m.	Scale
Drg.No.	No. Req.
Used on	

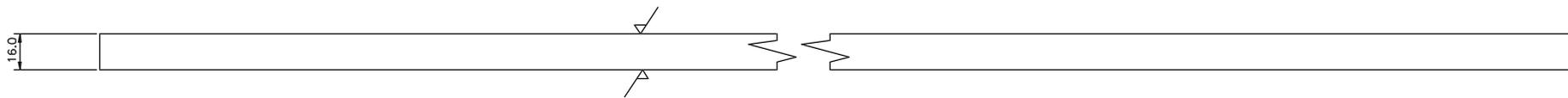
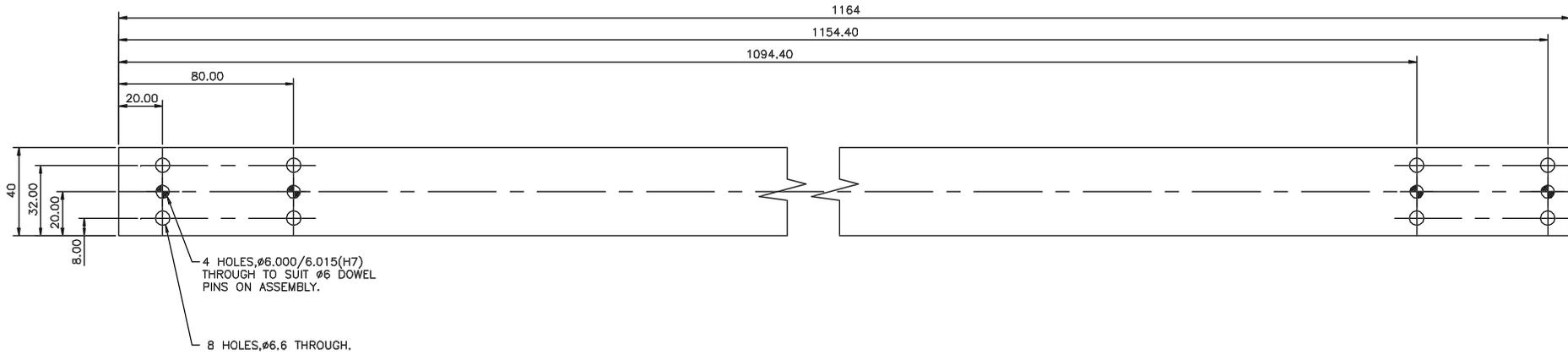
ROYAL GREENWICH OBSERVATORY  
MADINGLEY ROAD  
CAMBRIDGE CB3 0EZ

THIRD ANGLE PROJECTION  
Title  
DETAILS  
GA No.  
Drawing No.  
W/BL/708-712



Drawing No.  
W/BL/723

REMOVE ALL SHARP EDGES



3			TITLE SUPPORT PLATE STRAPS		
MATERIAL ALCOA PLT.	SCALE 1:1	TOLERANCES x $\pm 0.5$ xx $\pm 0.2$ xxx $\pm 0.1$			
FINISH CLEAN	No. REQD. PER UNIT 2				
D.A. No. V/BL/720	R.G.O.	DRAWING No. W/BL/723			

								Tolerance (Unless otherwise stated) X +/- X.X +/- X.XX +/- ANG. +/-		Material		Dimns. in m.m.		Scale		THIRD ANGLE PROJECTION		GA No.	
								Finish		Drg.No. No.Reg.		ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD CAMBRIDGE CB3 0EZ		Title		DETAIL		Drawing No. W/BL/723	
Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by	Used on											
						SEPT 91	PROMEC												

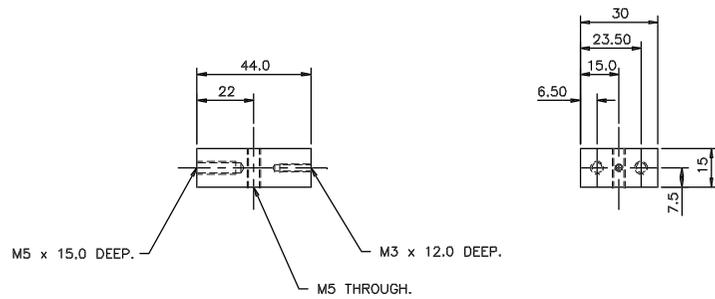






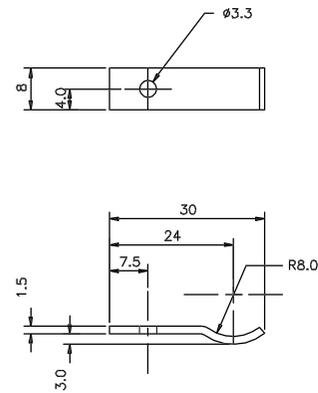
Drawing No.  
W/BL/729-735

REMOVE ALL SHARP EDGES



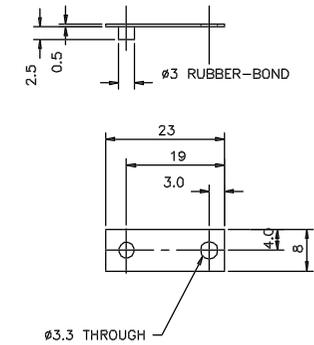
9				TITLE CLAMP POST			
MATERIAL	SCALE	TOLERANCES					
ALUM. ALLOY	1:1	x	±0.5				
FINISH	No. REQD. PER UNIT	x.x	±0.2				
MATT BLK ANODISE	3	x.xx	±0.1				
G.A. No.	DRAWING No.						
V/BL/720	R.G.O.	W/BL/729					

REMOVE ALL SHARP EDGES



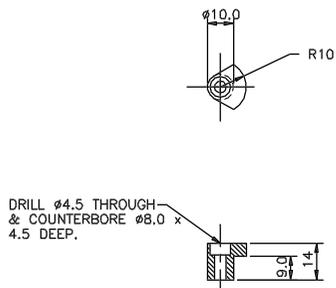
10				TITLE SPRING CLAMP			
MATERIAL	SCALE	TOLERANCES					
BERYL. Cu.	2:1	x	±0.5				
FINISH	No. REQD. PER UNIT	x.x	±0.2				
BLK NIC PLT.	3	x.xx	±0.1				
G.A. No.	DRAWING No.						
V/BL/720	R.G.O.	W/BL/730					

REMOVE ALL SHARP EDGES



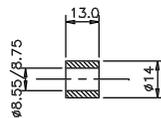
11				TITLE LENS CLIP			
MATERIAL	SCALE	TOLERANCES					
BERYL. Cu.	2:1	x	±0.5				
FINISH	No. REQD. PER UNIT	x.x	±0.2				
BLK NIC PLT.	3	x.xx	±0.1				
G.A. No.	DRAWING No.						
V/BL/720	R.G.O.	W/BL/731					

REMOVE ALL SHARP EDGES



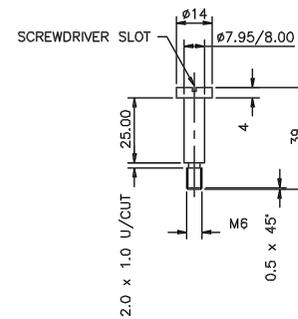
12				TITLE CLAMP			
MATERIAL	SCALE	TOLERANCES					
ALUM. ALLOY	1:1	x	±0.5				
FINISH	No. REQD. PER UNIT	x.x	±0.2				
MATT BLK ANODISE	3	x.xx	±0.1				
G.A. No.	DRAWING No.						
V/BL/720	R.G.O.	W/BL/732					

REMOVE ALL SHARP EDGES



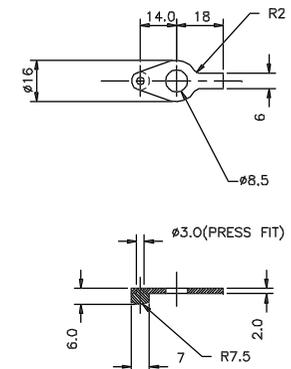
13				TITLE SPACER			
MATERIAL	SCALE	TOLERANCES					
ALUM. ALLOY	1:1	x	±0.5				
FINISH	No. REQD. PER UNIT	x.x	±0.2				
MATT BLK ANODISE	3	x.xx	±0.1				
G.A. No.	DRAWING No.						
V/BL/720	R.G.O.	W/BL/733					

REMOVE ALL SHARP EDGES



14				TITLE SHOULDER SCREW			
MATERIAL	SCALE	TOLERANCES					
ALUM. ALLOY	1:1	x	±0.5				
FINISH	No. REQD. PER UNIT	x.x	±0.2				
MATT BLK ANODISE	3	x.xx	±0.1				
G.A. No.	DRAWING No.						
V/BL/720	R.G.O.	W/BL/734					

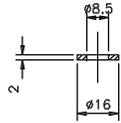
REMOVE ALL SHARP EDGES



15				TITLE CLAMP PLATE			
MATERIAL	SCALE	TOLERANCES					
ALUM. ALLOY	1:1	x	±0.5				
FINISH	No. REQD. PER UNIT	x.x	±0.2				
MATT BLK ANODISE	3	x.xx	±0.1				
G.A. No.	DRAWING No.						
V/BL/720	R.G.O.	W/BL/735					

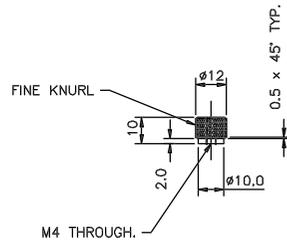
				Tolerances (Unless otherwise stated)				Material		Dimns. in m.m.		Scale		THIRD ANGLE PROJECTION		GA No.	
				X +/-				Finish		Drg.No.		No. Req.		Title		Drawing No.	
				X.X +/-				ROYAL GREENWICH OBSERVATORY		MADINGLEY ROAD		CAMBRIDGE		CB3 0EZ		W/BL/729-735	
				X.XX +/-				Used on									
				ANG. +/-													
				SEPT 91													
				PROMEC													
				Issue													
				Mod.No													
				Date													
				Drawn by													
				Issue													
				Mod.No													
				Date													
				Drawn by													

Drawing No. W/BL/736-743 REMOVE ALL SHARP EDGES



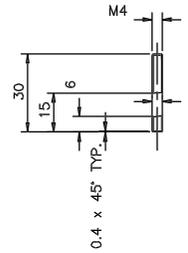
16				TITLE WASHER				
MATERIAL	SCALE	TOLERANCES						
ALUM. ALLOY	1:1	x	±0.5					
FINISH	No. REQD. PER UNIT	xx	±0.2					
MATT BLK ANODISE	3	xxx	±0.1					
G.A. No.	DRAWING No.							
V/BL/720	R.G.O.	W/BL/736						

REMOVE ALL SHARP EDGES



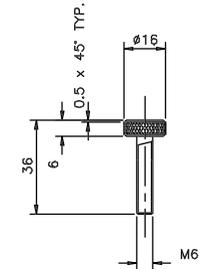
17				TITLE THUMB NUT				
MATERIAL	SCALE	TOLERANCES						
ALUM. ALLOY	1:1	x	±0.5					
FINISH	No. REQD. PER UNIT	xx	±0.2					
MATT BLK ANODISE	3	xxx	±0.1					
G.A. No.	DRAWING No.							
V/BL/720	R.G.O.	W/BL/737						

REMOVE ALL SHARP EDGES



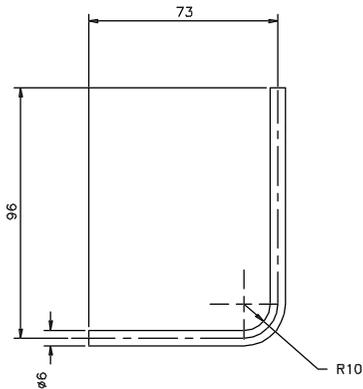
18				TITLE STUD				
MATERIAL	SCALE	TOLERANCES						
ALUM. ALLOY	1:1	x	±0.5					
FINISH	No. REQD. PER UNIT	xx	±0.2					
MATT BLK ANODISE	3	xxx	±0.1					
G.A. No.	DRAWING No.							
V/BL/720	R.G.O.	W/BL/738						

REMOVE ALL SHARP EDGES



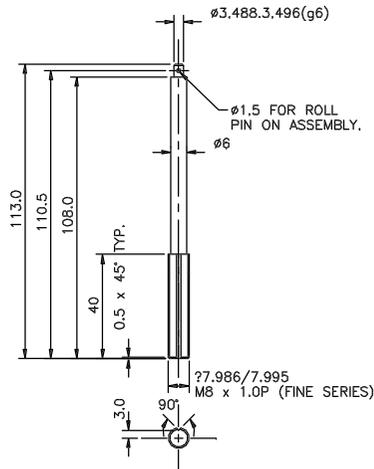
19				TITLE ADJUSTING SCREW				
MATERIAL	SCALE	TOLERANCES						
ALUM. ALLOY	1:1	x	±0.5					
FINISH	No. REQD. PER UNIT	xx	±0.2					
MATT BLK ANODISE	3	xxx	±0.1					
G.A. No.	DRAWING No.							
V/BL/720	R.G.O.	W/BL/739						

REMOVE ALL SHARP EDGES



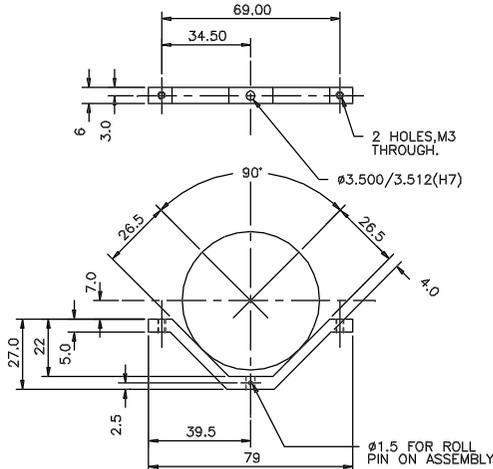
20				TITLE MOUNTING ROD				
MATERIAL	SCALE	TOLERANCES						
ALUM. ALLOY	1:1	x	±0.5					
FINISH	No. REQD. PER UNIT	xx	±0.2					
MATT BLK ANODISE	3	xxx	±0.1					
G.A. No.	DRAWING No.							
V/BL/720	R.G.O.	W/BL/740						

REMOVE ALL SHARP EDGES



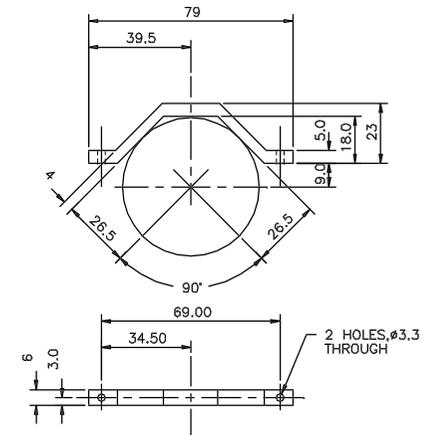
21				TITLE PILLAR				
MATERIAL	SCALE	TOLERANCES						
ALUM. ALLOY	1:1	x	±0.5					
FINISH	No. REQD. PER UNIT	xx	±0.2					
MATT BLK ANODISE	1	xxx	±0.1					
G.A. No.	DRAWING No.							
V/BL/720	R.G.O.	W/BL/731						

REMOVE ALL SHARP EDGES



22				TITLE LENS MOUNT				
MATERIAL	SCALE	TOLERANCES						
ALUM. ALLOY	1:1	x	±0.5					
FINISH	No. REQD. PER UNIT	xx	±0.2					
MATT BLK ANODISE	1	xxx	±0.1					
G.A. No.	DRAWING No.							
V/BL/720	R.G.O.	W/BL/742						

REMOVE ALL SHARP EDGES

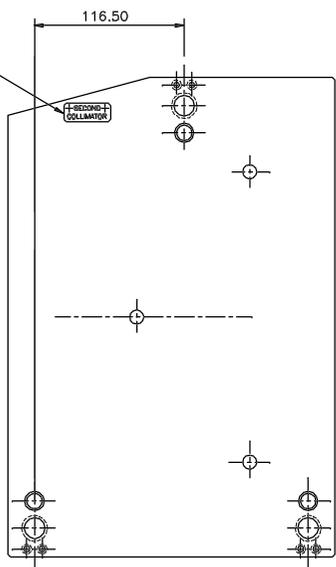


23				TITLE LENS MOUNT				
MATERIAL	SCALE	TOLERANCES						
ALUM. ALLOY	1:1	x	±0.5					
FINISH	No. REQD. PER UNIT	xx	±0.2					
MATT BLK ANODISE	3	xxx	±0.1					
G.A. No.	DRAWING No.							
V/BL/720	R.G.O.	W/BL/743						

Drawing No. 822  
W/BL/823

REMOVE ALL SHARP EDGES

SECURE LABEL  
W/BL/353  
AS SHOWN



ALL OTHER DETAILS AS FOR W/BL/822

3		TITLE	
PARKING PLATE (SECOND COLL.)			
MATERIAL	SCALE	TOLERANCES	
ALCOA PLATE	1:2	X	±0.5
FINISH	No. REQD. PER UNIT	XX	±0.1
BLK. ANODISED	1	XXX	±0.1
G.A. No.	DRAWING No.		
V/BL/820	R.G.O. W/BL/823		

Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by
		19/2/92	PROMEC				

Tolerance (Unless otherwise stated)	
X	±/
XX	+/-
XXX	+/-
ANG.	+/-

Material	Finish	Drg.No.	No.Req.	Used on

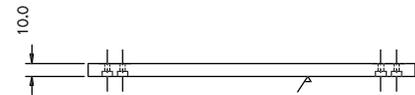
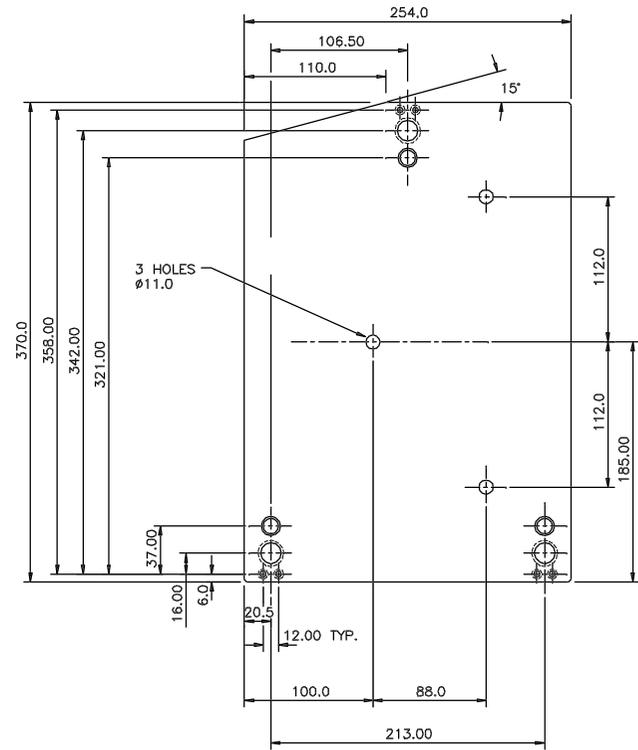
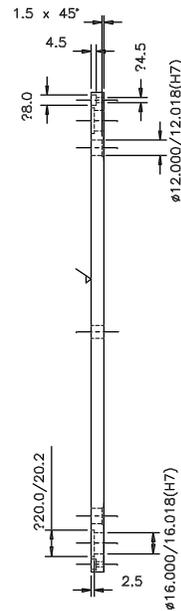
Dimns.in m.m.	Scale 1:2
ROYAL GREENWICH OBSERVATORY	Title
MADINGLEY ROAD	
CAMBRIDGE CB3 0EZ	

THIRD ANGLE PROJECTION	
DETAIL	

G.A. No.	V/BL/820
Drawing No.	822
W/BL/823	

REMOVE ALL SHARP EDGES

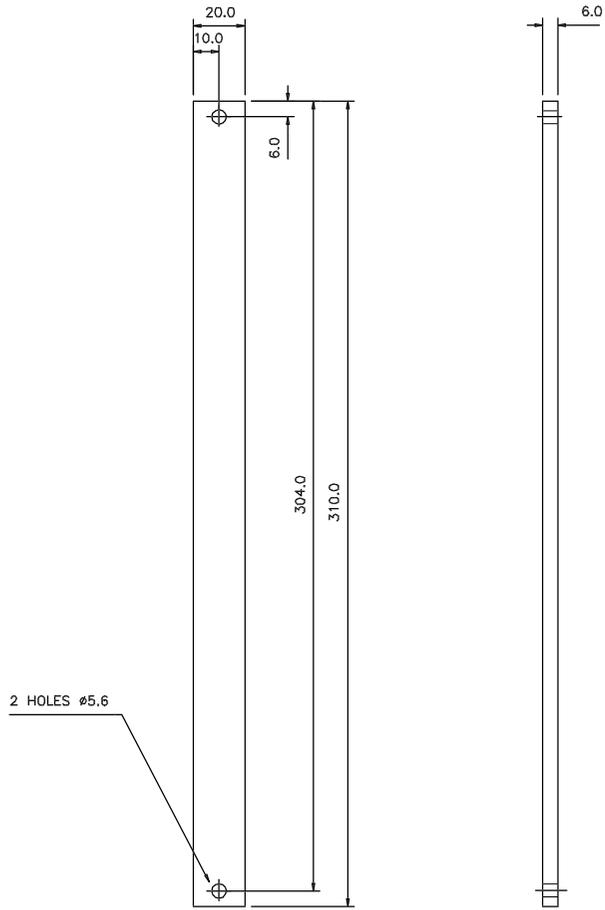
SECURE LABEL  
W/BL/339  
AS SHOWN



2		TITLE	
PARKING PLATE (FIRST COLL.)			
MATERIAL	SCALE	TOLERANCES	
ALCOA PLATE	1:2	X	±0.5
FINISH	No. REQD. PER UNIT	XX	±0.1
BLK. ANODISED	1	XXX	±0.1
G.A. No.	DRAWING No.		
V/BL/820	R.G.O. W/BL/822		

Drawing No. 871  
W/BL/ 872

REMOVE ALL SHARP EDGES

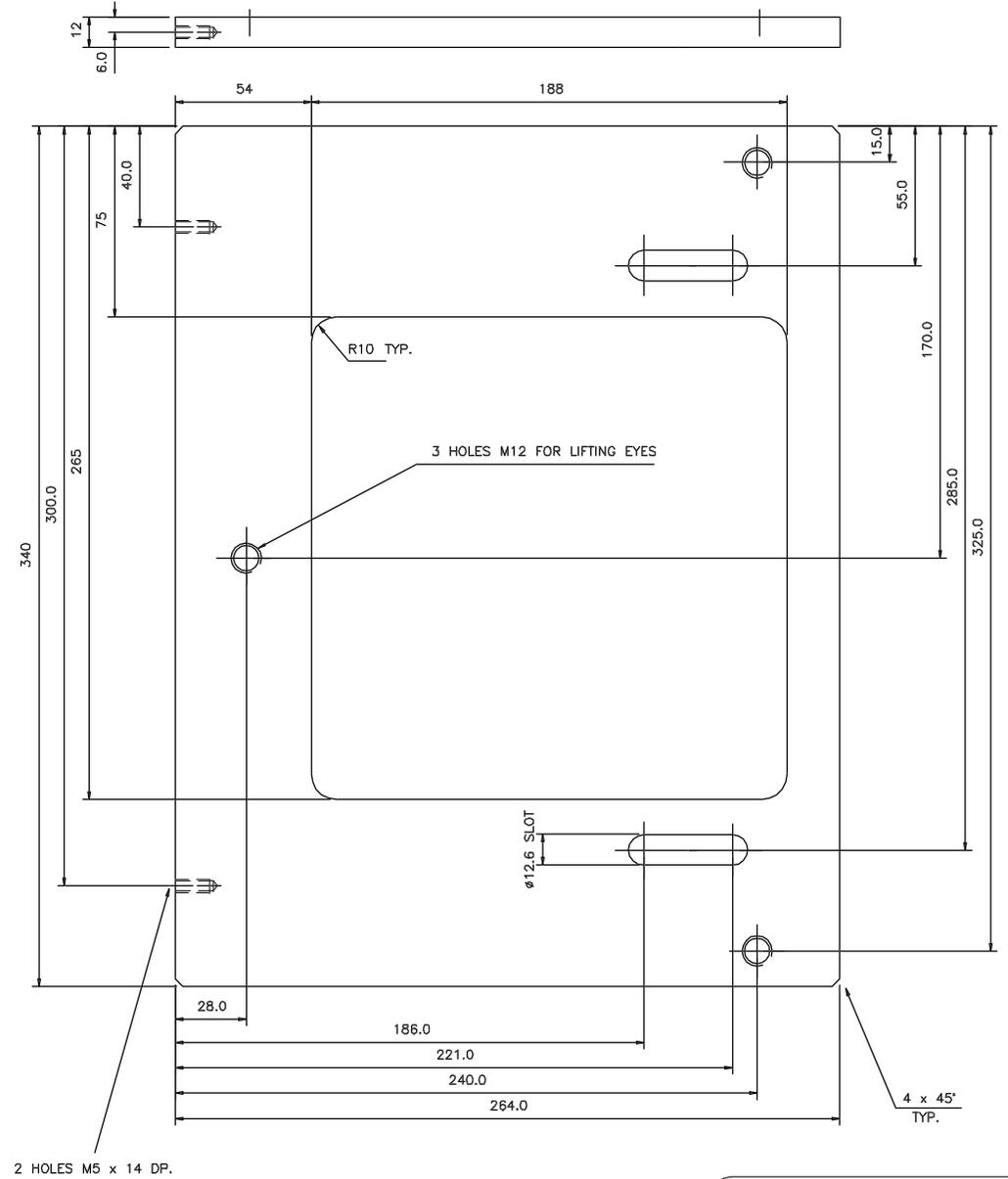


2 SUPPORT BAR			
MATERIAL	SCALE	TOLERANCES	
B.M.S.	FULL	x	±0.5
FINISH	No. RECD. PER UNIT	x.x	±0.2
TO RGO SPEC.	2	x.xx	±0.1
G.A. No.	DRAWING No.		
V/BL/870	R.G.O. W/BL/872		

Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by
		28/5/92	PROMECH				

Tolerance (Unless otherwise stated)	Material
x	
x.x	Finish
x.xx	Drg.No.
+/-	No.Req.
ANG. +/-	Used on

REMOVE ALL SHARP EDGES



1 SPREADER PLATE			
MATERIAL	SCALE	TOLERANCES	
B.M.S.	FULL	x	±0.5
FINISH	No. RECD. PER UNIT	x.x	±0.2
TO RGO SPEC.	1	x.xx	±0.1
G.A. No.	DRAWING No.		
V/BL/870	R.G.O. W/BL/871		

Dimns.in m.m.	Scale	THIRD ANGLE PROJECTION
ROYAL GREENWICH OBSERVATORY	Title	DETAILS
MADINGLEY ROAD		
CAMBRIDGE CB3 0EZ		

GA No. V/BL/870
Drawing No. 871
W/BL/ 872

