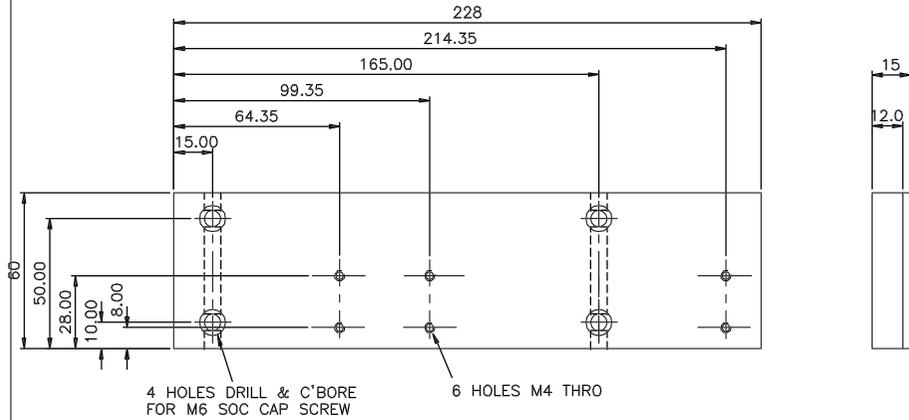


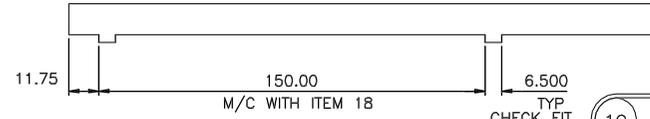
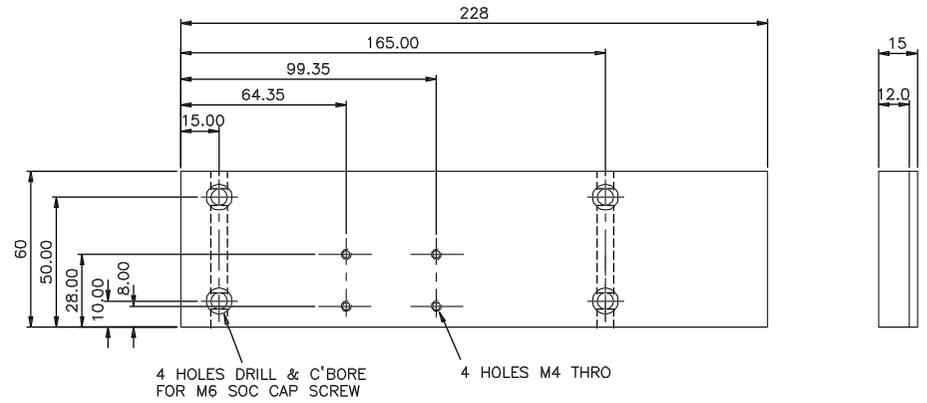
Drawing No. 1622  
W/BL/1618

REMOVE ALL SHARP EDGES



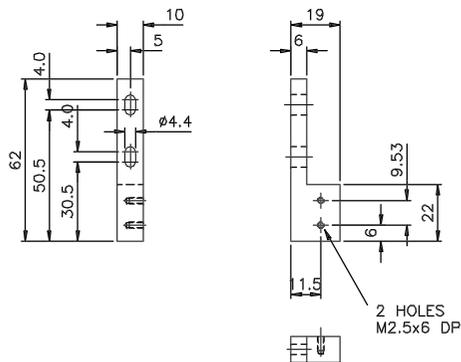
TITLE		
18	SUPPORT STRAP	
MATERIAL	SCALE	TOLERANCES
ALUM ALLOY	FULL	X ±0.5
FINISH	No. RECD. PER UNIT	XX ±0.3
BLK ANODISE	4	XXX ±0.1
G.A. No.	DRAWING No.	
V/BL/1600	R.G.O.	W/BL/1618

REMOVE ALL SHARP EDGES



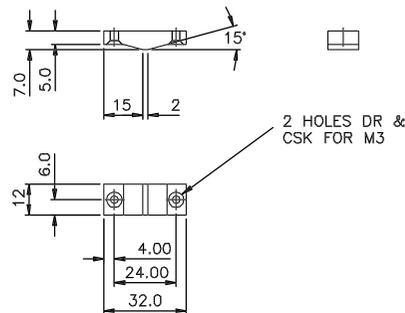
TITLE		
19	SUPPORT STRAP	
MATERIAL	SCALE	TOLERANCES
ALUM ALLOY	FULL	X ±0.5
FINISH	No. RECD. PER UNIT	XX ±0.3
BLK ANODISE	2	XXX ±0.1
G.A. No.	DRAWING No.	
V/BL/1600	R.G.O.	W/BL/1618

REMOVE ALL SHARP EDGES



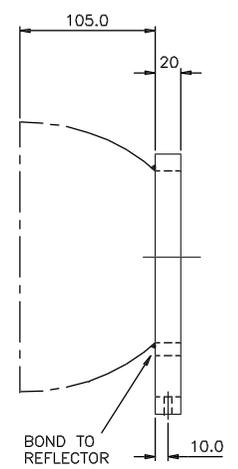
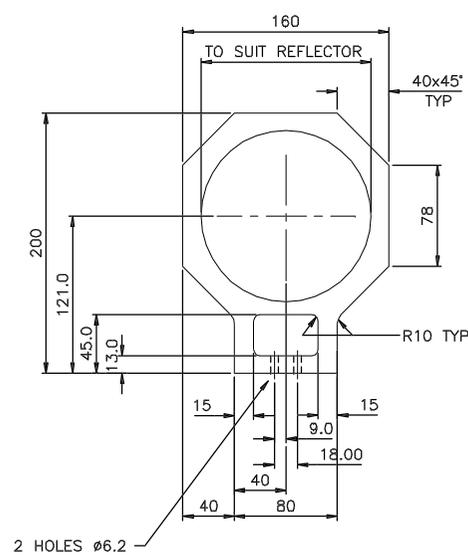
TITLE		
20	SWITCH PLATE	
MATERIAL	SCALE	TOLERANCES
ALUM ALLOY	FULL	X ±0.5
FINISH	No. RECD. PER UNIT	XX ±0.3
BLK ANODISE	16	XXX ±0.1
G.A. No.	DRAWING No.	
V/BL/1600	R.G.O.	W/BL/1618

REMOVE ALL SHARP EDGES



TITLE		
21	SWITCH CAM	
MATERIAL	SCALE	TOLERANCES
ST STEEL	FULL	X ±0.5
FINISH	No. RECD. PER UNIT	XX ±0.3
BLK NIC PLT	3	XXX ±0.1
G.A. No.	DRAWING No.	
V/BL/1600	R.G.O.	W/BL/1618

REMOVE ALL SHARP EDGES



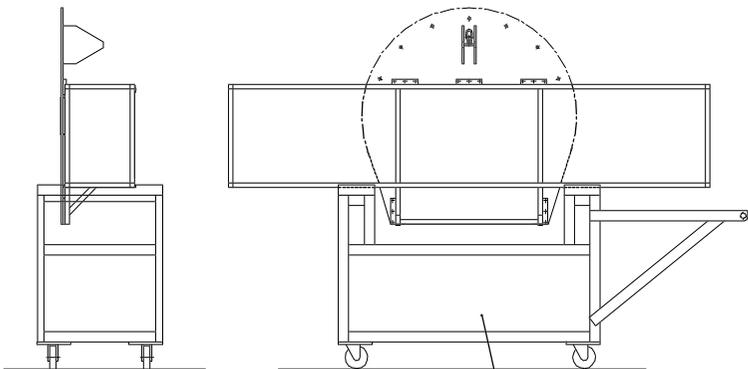
TITLE		
22	REFLECTOR SUPPORT BRKT	
MATERIAL	SCALE	TOLERANCES
ALUM ALLOY	1/2	X ±0.5
FINISH	No. RECD. PER UNIT	XX ±0.3
BLK ANODISE	4	XXX ±0.1
G.A. No.	DRAWING No.	
V/BL/1600	R.G.O.	W/BL/1618

PART REDESIGNED 04/03/97

Material				Dimns. in m.m.				Scale		THIRD ANGLE PROJECTION				GA No.	
Tolerance (Unless otherwise stated)				ROYAL GREENWICH OBSERVATORY				Title		DETAILS				Drawing No. 1622	
X ±0.5				MADINGLEY ROAD				Used on		CAMBRIDGE CB3 0EZ				W/BL/1618	
XX ±0.3															
XXX ±0.1															
ANG. +/-															
Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by	04/03/97	PROMECH						

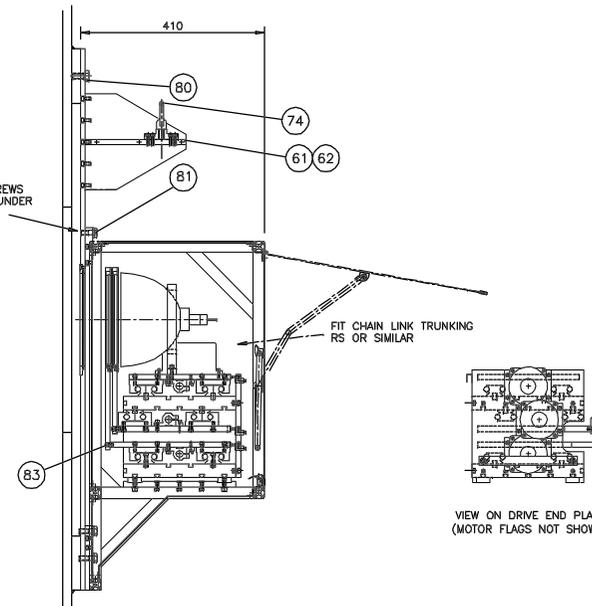
DRAWING NUMBER	No. OF SHEETS	GA ITEM No.	DRAWING TITLE OR COMPONENT NAME	No. OFF	MATERIAL STOCK OR ORDER No. AND DATE	REMARKS	ISSUE DATE	ISSUED TO	FINISH DATE	
/ /		38	WASHER	6						
/ /		39	SWITCH BLOCK	2						
/ /		40	NUT PLATE	2						
/ /		41	NUT PLATE	12						
/ /		42	NUT PLATE	5						
/ /		43	MOTOR PACKER	3						
W/ BL / 1644	1	44	NUT PLATE	2						
/ /		45	NUT PLATE	10						
/ /		46	NUT PLATE	4						
/ /		47	FILTER HOLDER	10						
/ /		48	FILTER PLATE	10						
W/ BL / 1649	1	49	BRACKET	2						
/ /		50	LAMP & REFLECTOR ASSY (TYPICAL)	4						
/ /		51	GUIDE RAIL	1						
/ /		52	GUIDE RAIL	1						
/ /		53	STOP	2						
/ /		54	PULL BAR	2						
/ /		55	PULL ROD	4						
W/ BL / 1656	1	56	TROLLEY ASSY	1						
W/ BL / 1657	1	57	MOTOR SUPPORT BRKT - SHORT	2						
/ /		58	MOTOR SUPPORT BRKT - LONG	1						
W/ BL / 1659	1	59	CONN. SHAFT - SHORT	2						
/ /		60	CONN. SHAFT - LONG	1						
W/ BL / 1659	1	61	WEB	2						
/ /		62	PLATE	1		(UNIMATIC LTD)				
/ /		63	BALL SCREW $\phi 16-5 \times 1530$	3	211-134-2153	TECHNOISEL				
/ /		64	BALL NUT $\phi 16-5$ PITCH	3	213001	TECHNOISEL				
/ /		65	STEPPING MOTOR 300Ncm	3	CODE 398002	TECHNOISEL				
/ /		66	DOUBLE RAIL GUIDE 1750	6	HL4222M0011750	TECHNOISEL				
/ /		67	NUT STRIP	3	HL6100M209012	TECHNOISEL				
/ /		68	CARRIAGE	12	HL46D0M223001	TECHNOISEL				
/ /		69	BEARING	6	INA-7200BE2RSG					
/ /		70	BEARING	3	NMB-R2210ZZ					
/ /		71	MICRO SWITCH BURGESS-V4 ROLLER	16	V42T6Y1					
/ /		72	MICRO SWITCH BURGESS-V4 LEVER	2	V42T6Y1					
/ /		73	BUSH MOUNT RS 688-329	2						
/ /		74	SWIVEL HOIST RING M10 HR-125M	1	BS	500kg				
/ /		75	REFLECTOR	4	ORIEL 45337	SEE DRG 1650				
JOB TITLE	WYFFOS WAVELENGTH CALIB ASSY					ASS'Y DRG No. V/BL/1600	SHEET No. 2 of 3	DRAWN BY PROMECH DATE 04/03/97		
ROYAL GREENWICH OBSERVATORY, MADINGLEY ROAD, CAMBRIDGE										

DRAWING NUMBER	No. OF SHEETS	GA ITEM No.	DRAWING TITLE OR COMPONENT NAME	No. OFF	MATERIAL STOCK OR ORDER No. AND DATE	REMARKS	ISSUE DATE	ISSUED TO	FINISH DATE	
/ /		76	PSU & LAMP TYPE AS REQUIRED	4	ORIEL	SEE DRG 1650				
/ /		77	FAIL SAFE BRAKE FS 60/1L	3	CLARK ELEC CLUTCH LTD					
/ /		78	COUPLING AC075-ø6-ø6	3	HELICAL					
/ /		79	COUPLING (3/8") AC100-12	3	HELICAL					
/ /		80	HEX HEAD SCREW M12 x 30	12		ALL ITEMS TO BE				
/ /		81	HEX HEAD SCREW M10 x 30	15		STAIN LESS STEEL				
/ /		82	SOC HEAD CAP SCREW M6 x 18	66						
/ /		83	SOC HEAD CAP SCREW M6 x 12	66						
/ /		84	SOC HEAD CAP SCREW M6 x 25	68						
/ /		85	SOC HEAD CAP SCREW M6 x 30	24						
/ /		86	SOC HEAD CAP SCREW M4 x 12	74						
/ /		87	SOC HEAD CAP SCREW M4 x 16	16						
/ /		88	SOC HEAD CAP SCREW M3 x 8	9						
/ /		89	SOC HEAD CAP SCREW M3 x 10	9						
/ /		90	SOC HEAD CAP SCREW M2.5 x 10	36						
/ /										
/ /										
/ /		93	SOC HEAD CAP SCREW M5 x 12	14						
/ /		94	CSK HEAD SCREW M6 x 12	18						
/ /		95	CSK HEAD SCREW M3 x 10	78						
/ /		96	CSK HEAD SCREW M4 x 6	4						
/ /		97	CSK HEAD SCREW M4 x 8	48						
/ /		98	SOC HEAD CAP SCREW M8 x 20	8						
/ /		99	WASHER PLAIN M10	15						
/ /		100	WASHER PLAIN M6	8						
/ /		101	WASHER PLAIN M4	38						
/ /		102	WASHER PLAIN M8	8						
/ /		103	SOC HEAD CAP SCREW M6 x 15	16						
/ /		104	HEX NYLOC NUT M4	14						
/ /		105	HEX LOCK NUT M8	10						
/ /		106	DOWEL ø4 x 16	6						
/ /										
/ /		108	DOWEL ø6 x 16	4						
/ /										
/ /										
/ /										
/ /		112	PROXIMITY SWITCH M5	3	RS 633-458					
/ /										
JOB TITLE	WYFFOS WAVELENGTH CALIB ASSY					ASS'Y DRG No. V/BL/1600	SHEET No. 3 of 3	DRAWN BY PROMECH DATE 04/03/97		
ROYAL GREENWICH OBSERVATORY, MADINGLEY ROAD, CAMBRIDGE										



TRANSPORT SYSTEM  
SCALE 1/10

ENSURE ALL SCREWS  
ARE FLUSH OR UNDER  
REAR FACE



VIEW ON DRIVE END PLATE  
(MOTOR FLAGS NOT SHOWN)

ASSEMBLY PROCEDURE

ASSEMBLE THE FRAME LESS PANELS AND BACK PLATE ITEM 24 ENSURING ALL M6 NUTS ARE ASSEMBLED (OR CAN BE LATER ASSEMBLED) IN 'PROFILE' SLOTS. CHECK ANGLE POSITIONS WITH PANEL FIXING.

ASSEMBLE LOWER FILTER CARRIAGE ETC INCL. SLIDE RAILS ON TO LOWER TABLE ITEM 8 (NOT FILTER PLATE ITEM 7 OR CELLS)

ASSEMBLE UPPER FILTER CARRIAGE ETC. TO UNDER SIDE OF UPPER TABLE ITEM 8 (NOT FILTER PLATE ITEM 6 OR CELLS)

ASSEMBLE TOP LAMP ASSY CARRIAGE ETC. TO TOPSIDE OF UPPER TABLE ITEM 8 (NOT REFLECTORS OR P.U.'S)

SUPPORT TOP LAMP AND FILTER ASSY'S ON THE LOWER FILTER ASSY WITH 23.0 PACKERS WHILE FITTING THE SIDE STRAPS ITEMS 18 & 19 TO THE TABLES.

WITH THRUST BEARINGS ALREADY ASSEMBLED TO LEAD SCREWS OFFER UP (BUT LEAVING CLEAR FOR ACCESS) THE MOTOR PLATE ITEM 9 AND SECURE THE 3 HOUSINGS ITEM 13 AND MOTOR PLATE TO ENDS OF THE TABLES.

FIT RAIL END SUPPORT PLATE ITEM 10 ADJUSTING PACKERS AS REQUIRED.

BUILD BRAKES AND MOTORS AS SEPARATE SUB ASSEMBLIES BEFORE ATTACHING TO THE MOTOR PLATE.

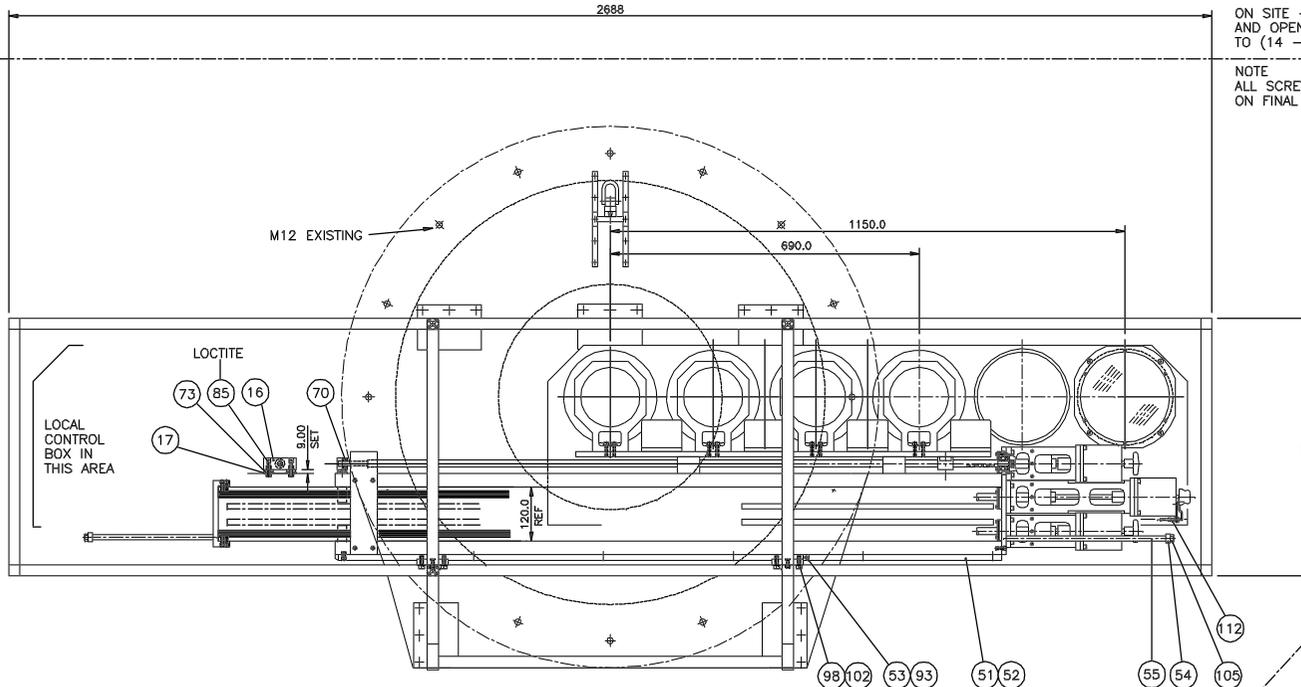
FIT ALL EXTERNAL ITEMS - FILTER PLATES, LAMPS AND P.U.'S ETC.

SLIDE COMPLETE MECHANISM AS AN ASSEMBLY THRO' THE END OF THE FRAME LOCATING RAILS IN SLOTS TO LINE UP 8-MB FIXING HOLES.

FINALLY CONNECT UP ELECTRICS TO LOCAL CONTROL BOX. FIX ON ALL PANELS AND DOORS AND BACK PLATE.

ON SITE - REMOVE LOWER UNDER SIDE FRONT PANEL AND OPEN BOTH FRONT DOORS FOR ACCESS TO FIXING TO (14 - M12 HEX SCREWS) TELESCOPE.

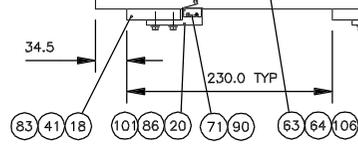
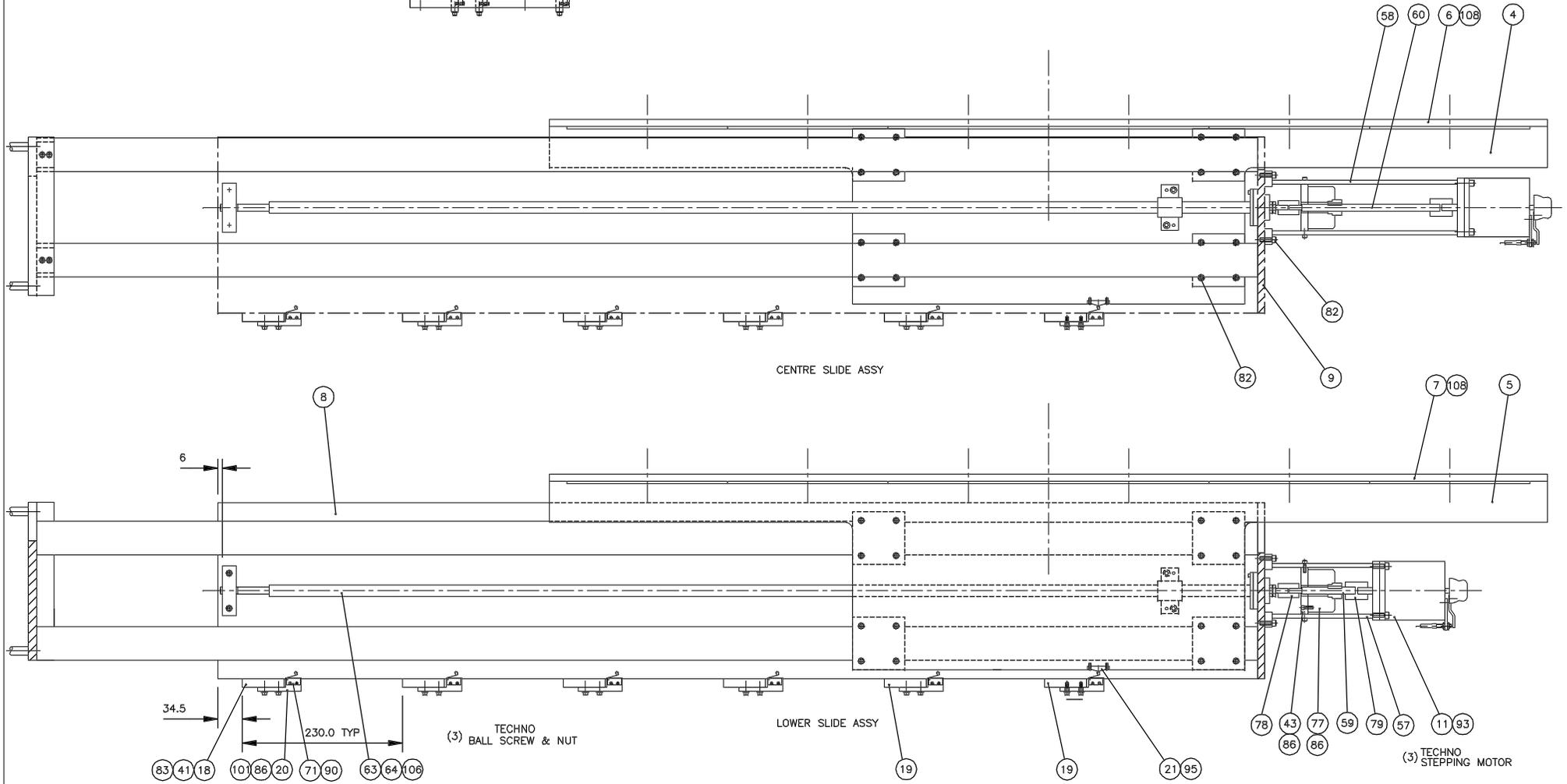
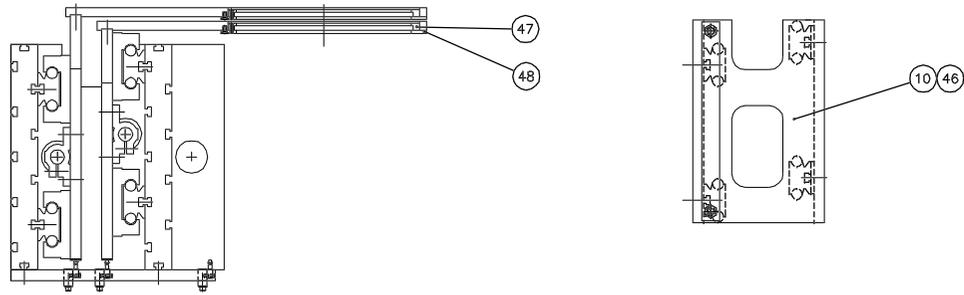
NOTE  
ALL SCREWS AND NUTS TO BE BONDED WITH LOCTITE ON FINAL ASSEMBLY.



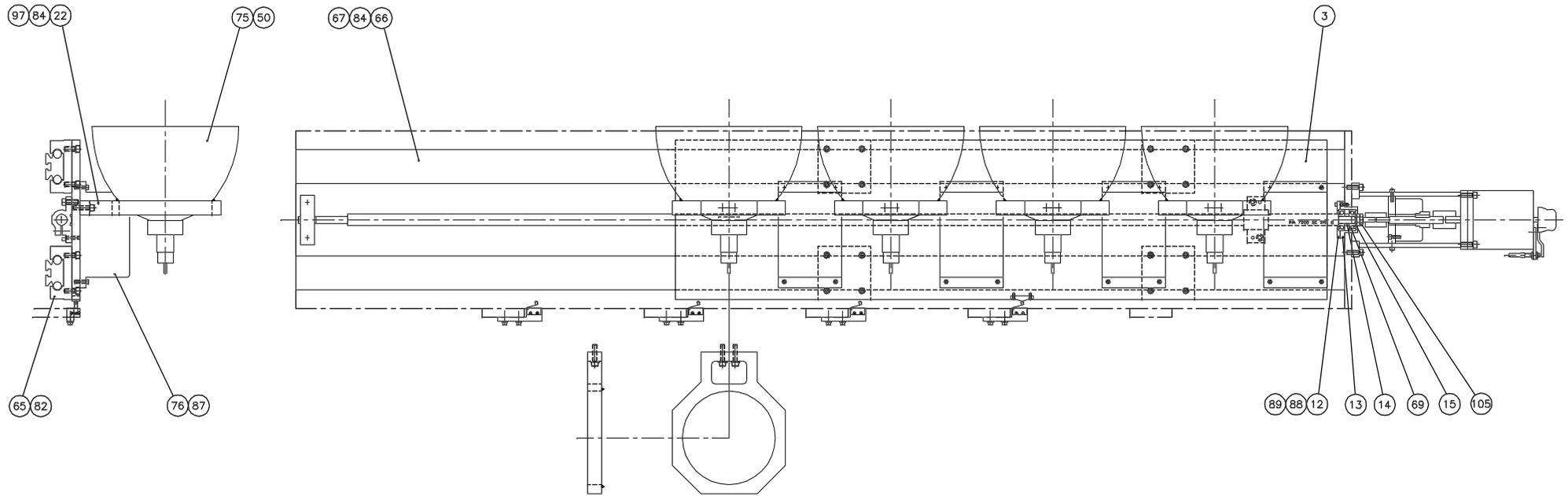
ESTIMATED WEIGHT < 300kg

SEE SHT2 FOR CENTRE & LOWER SLIDE ASSYS  
SEE SHT3 FOR TOP SLIDE ASSY  
SEE SHT4 FOR FRAME & PANEL ASSYS

TOLERANCES (UNLESS OTHERWISE STATED)				MATERIAL		DIM IN MM		SCALE 1/4		TITLE		G.A. NO. SHT 1 OF 22	
X	±	±	±							THIRD ANGLE PROJECTION			
X.X	±	±	±							ROYAL GREENWICH OBSERVATORY			
X.XX	±	±	±							MADINGLEY ROAD			
ANG	±	±	±							CAMBRIDGE CB3 0EZ			
ISSUE	MOD. NO.	DATE	DRAWN BY	ISSUE	MOD. NO.	DATE	DRAWN BY	DRG NO.	NO REQ	WYFFOS WAVELENGTH CALIBRATION ASSY		V/BL/1600	

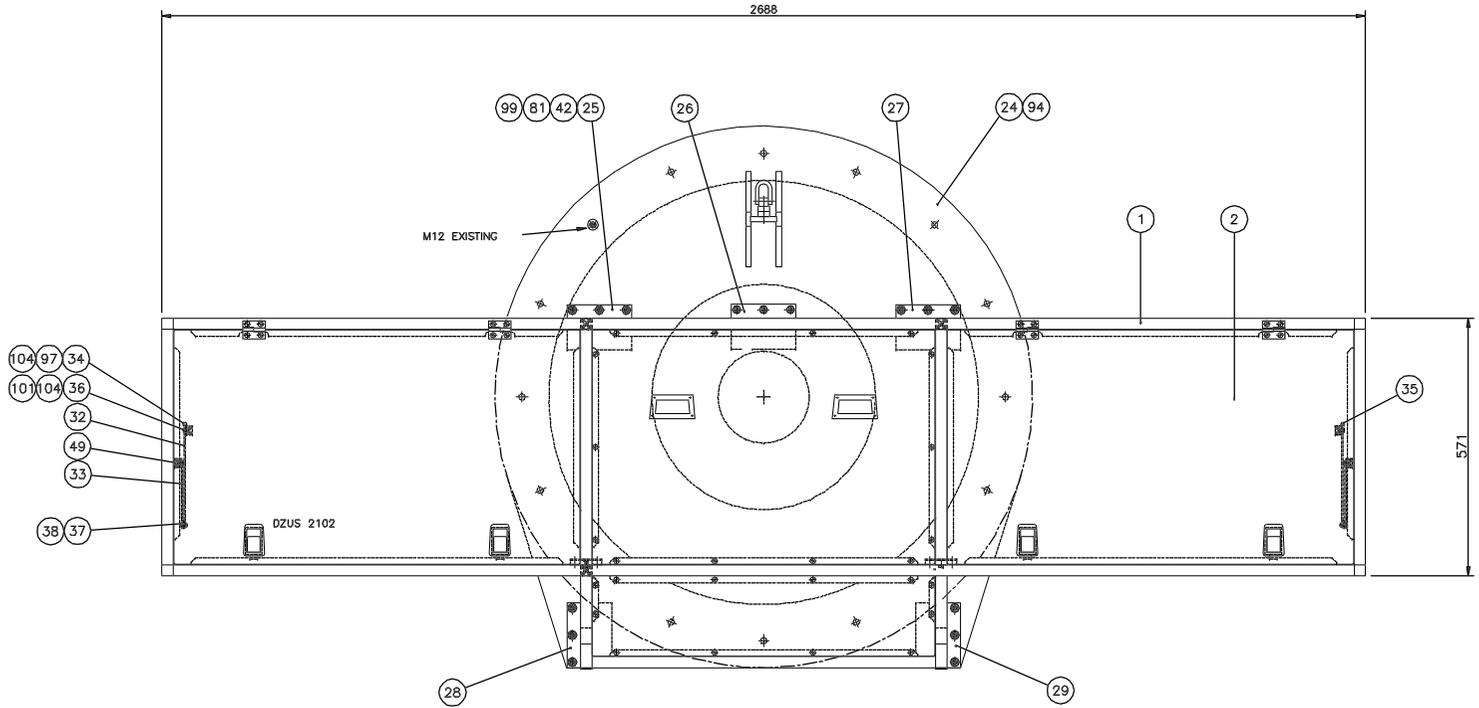
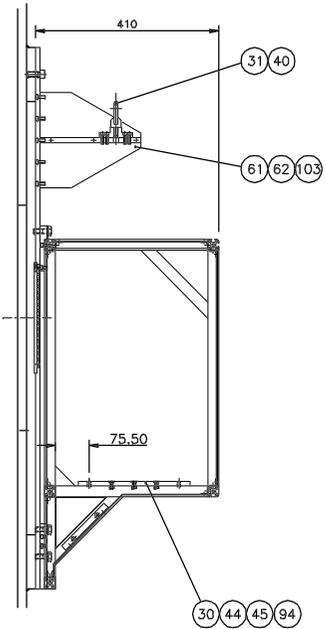
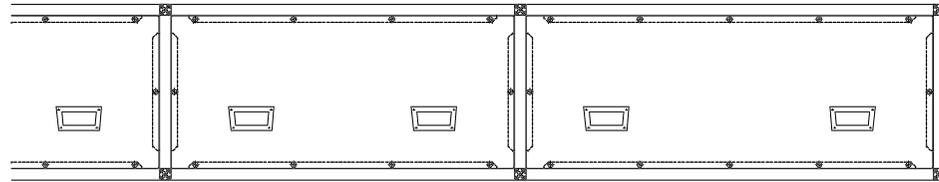
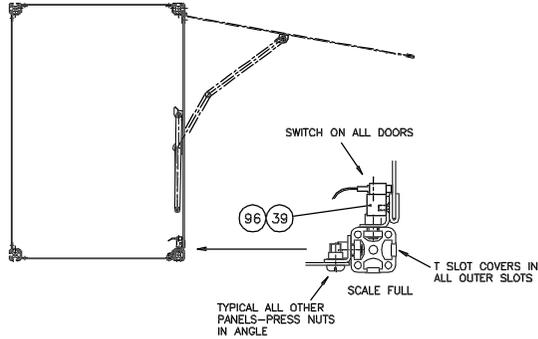
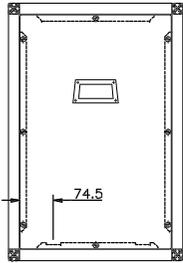


ISSUE				MATERIAL				DIM IN MM		SCALE	THIRD ANGLE PROJECTION		G.A. NO.	
27/02/97	PROMECH	TOLERANCES (UNLESS OTHERWISE STATED)		FINISH		ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD CAMBRIDGE CB3 0EZ		1/2	TITLE		DRG NO.		SHT 2 OF 10	
27/02/97	PROMECH	X +/-		USED ON		WYFFOS WAVELENGTH CALIBRATION ASSY			V/BL/1600		FILE BL1600S2			
X.XX +/-		ANG +/-												



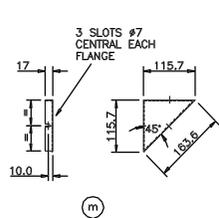
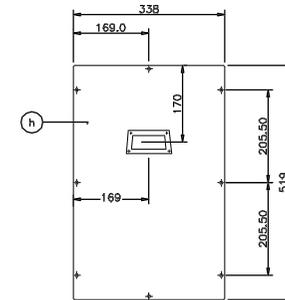
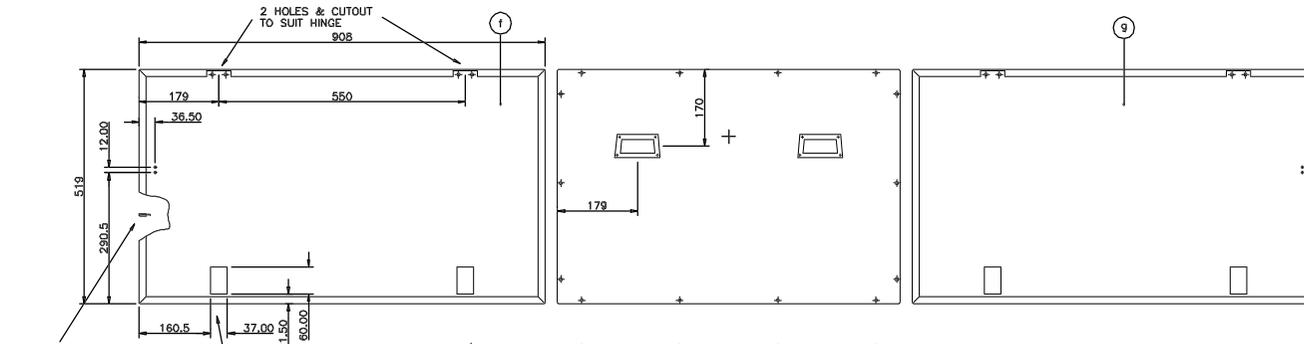
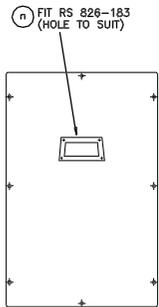
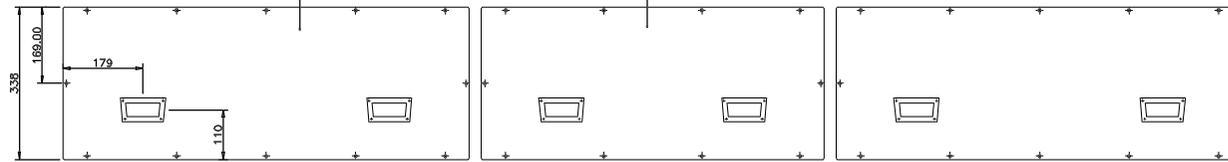
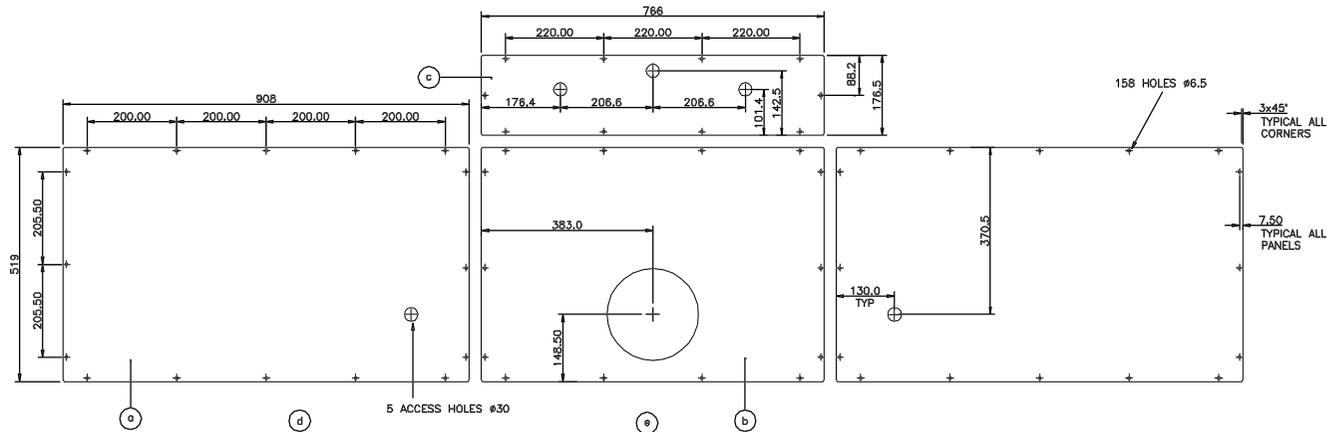
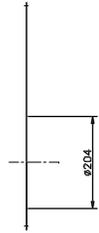
TOP SLIDE ASSY

ISSUE				MATERIAL				DIM IN MM		SCALE	THIRD ANGLE PROJECTION		G.A. NO.	
NO.	DATE	DRAWN BY	ISSUE	NO.	DATE	DRAWN BY	FINISH	DRG NO.	NO REQ	1/2	TITLE		SHT 3 OF 19	
											WYFFOS WAVELENGTH CALIBRATION ASSY		V/BL/1600	
											ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD CAMBRIDGE CB3 0EZ			



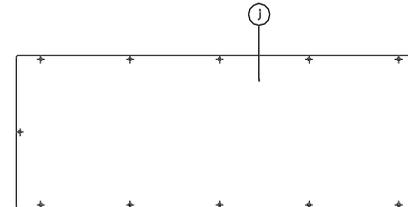
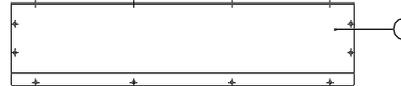
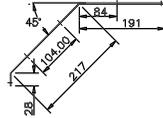
ISSUE				MATERIAL				DIM IN MM		SCALE	TITLE	G.A. NO.	
										1/4	THIRD ANGLE PROJECTION		SHT 4 OF 19
											ROYAL GREENWICH OBSERVATORY		
											MADINGLEY ROAD		
											CAMBRIDGE CB3 0EZ		
											WYFFOS WAVELENGTH CALIBRATION ASSY	V/BL/1600	
													FILE XXXXXXXX

DESCRIPTION	QTY
a PANEL REAR	2
b PANEL REAR	1
c PANEL REAR	1
d PANEL TOP	2
e PANEL TOP	1
f DOOR L/H	1
g DOOR R/H	1
h PANEL END	2
j PANEL LOWER	2
k PANEL LOWER	1
m PANEL FILL IN	1
n HANDLE RS826-183	10
p LATCH DZUS 2102	4
q	
r	



SUITABLE PLASTIC EDGING (CUT TO CLEAR HINGES)

(p) FIT DZUS 2102

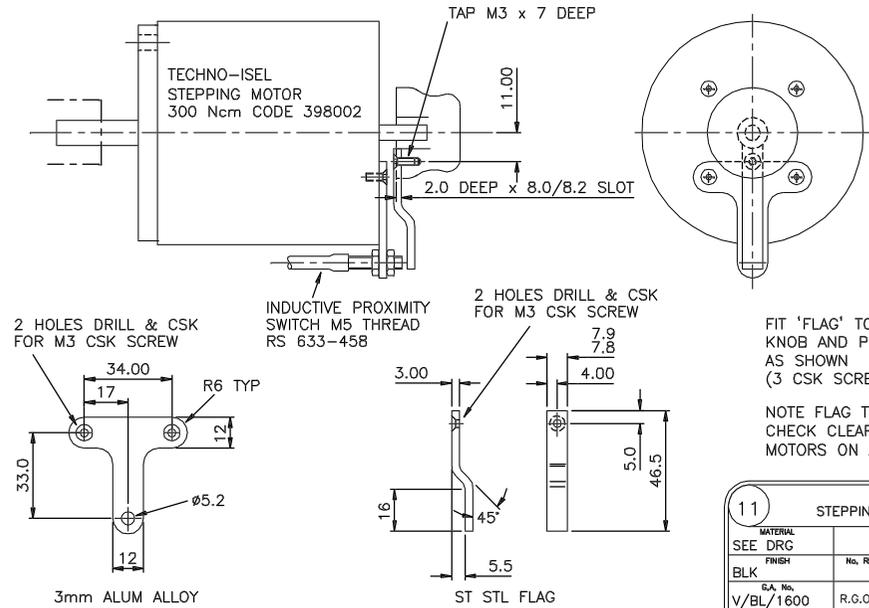


NOTE  
ALL PANELS 1.5mm THICK ALUM ALLOY BLACK FINISH AND TO HAVE 1.0 CLEARANCE ALL ROUND CHECK SIZES WITH FINAL STRUCTURE  
ALL PANELS TO BE MARKED CLEARLY ON THEIR INSIDE FACE THEIR RELATIVE POSITION ON THE STRUCTURE

ISSUE	MDD. NO.	DATE	DRAWN BY	ISSUE	MDD. NO.	DATE	DRAWN BY	TOLERANCES (UNLESS OTHERWISE STATED)	MATERIAL	DIM IN MM	SCALE	TITLE	G.A. NO.
						27/02/97	PROMECH	X +/- X.X +/- X.XX +/- ANG +/-	FINISH	DRG NO.	NO REQ	ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD CAMBRIDGE CB3 0EZ	V/BL/1602

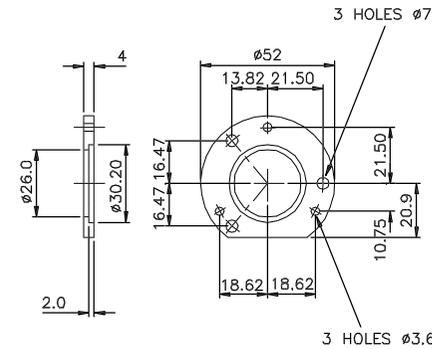
2 PANEL ASSY DETAILS			
UNIT	SCALE	TOLERANCES	
ALUM ALLOY	1/4	X	±0.0
FINISH	HL. NEG. PER DFF	XX	±0.3
BLK ANODISE	1 SET	XXX	±0.1
DRG NO.	R.C.C. NO.	ISSUE NO.	
V/BL/1600	V/BL/1602		

REMOVE ALL SHARP EDGES



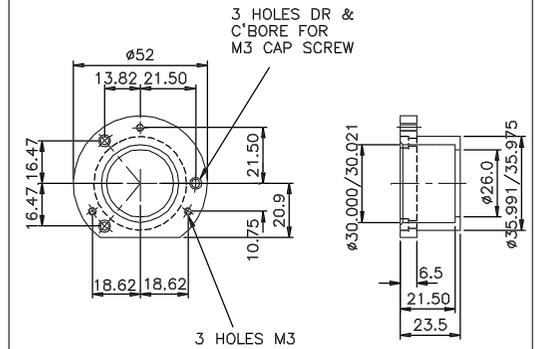
11			TITLE		
STEPPING MOTOR DRIVE					
MATERIAL	SCALE	TOLERANCES			
SEE DRG	FULL	X ±0.5			
FINISH	No. REQD. PER UNIT	XX ±0.3			
BLK	3	XXX ±0.1			
G.A. No.	DRAWING No.				
V/BL/1600	R.G.O. W/BL/1611				

REMOVE ALL SHARP EDGES



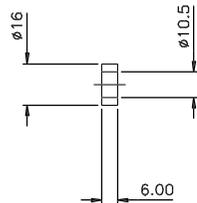
12			TITLE		
BRG PLATE					
MATERIAL	SCALE	TOLERANCES			
ALUM ALLOY	FULL	X ±0.5			
FINISH	No. REQD. PER UNIT	XX ±0.3			
BLK ANODISE	3	XXX ±0.1			
G.A. No.	DRAWING No.				
V/BL/1600	R.G.O. W/BL/1612				

REMOVE ALL SHARP EDGES



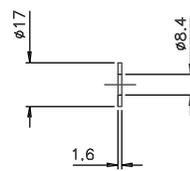
13			TITLE		
BRG HOUSING					
MATERIAL	SCALE	TOLERANCES			
ALUM ALLOY	FULL	X ±0.5			
FINISH	No. REQD. PER UNIT	XX ±0.3			
BLK ANODISE	3	XXX ±0.1			
G.A. No.	DRAWING No.				
V/BL/1600	R.G.O. W/BL/1613				

REMOVE ALL SHARP EDGES



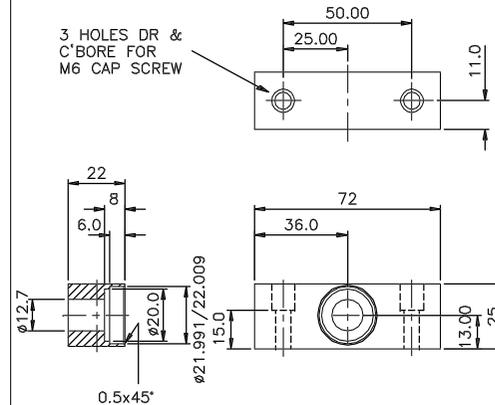
14			TITLE		
BRG SPACER					
MATERIAL	SCALE	TOLERANCES			
ALUM ALLOY	FULL	X ±0.5			
FINISH	No. REQD. PER UNIT	XX ±0.3			
BLK ANODISE	3	XXX ±0.1			
G.A. No.	DRAWING No.				
V/BL/1600	R.G.O. W/BL/1614				

REMOVE ALL SHARP EDGES



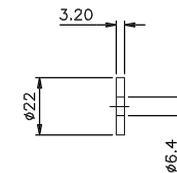
15			TITLE		
WASHER					
MATERIAL	SCALE	TOLERANCES			
ST STEEL	FULL	X ±0.5			
FINISH	No. REQD. PER UNIT	XX ±0.3			
BLK NIC PLT	3	XXX ±0.1			
G.A. No.	DRAWING No.				
V/BL/1600	R.G.O. W/BL/1615				

REMOVE ALL SHARP EDGES



16			TITLE		
BRG SUPPORT BLOCK					
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.				
V/BL/1600	R.G.O. W/BL/1616				

REMOVE ALL SHARP EDGES

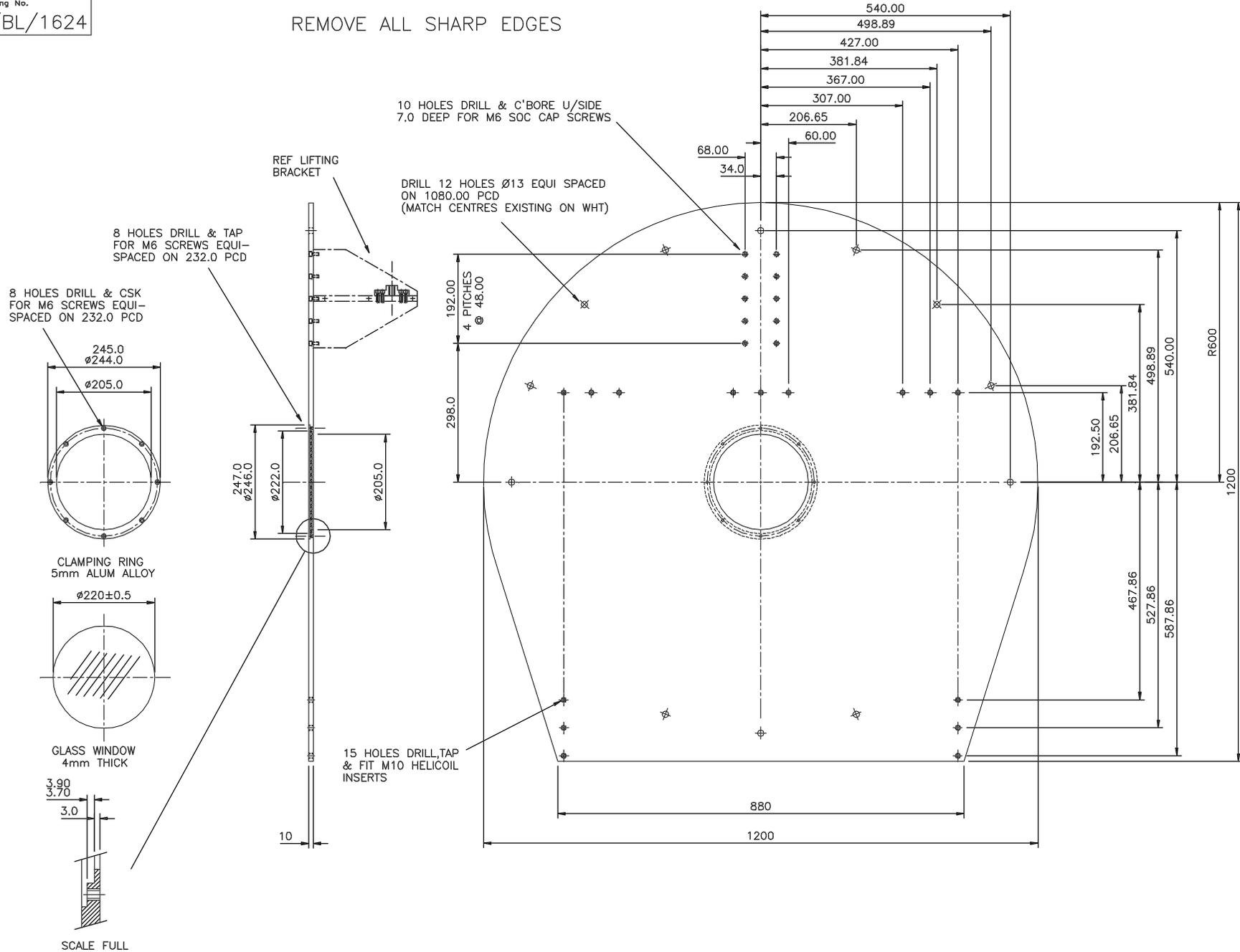


17			TITLE		
SPECIAL WASHER					
MATERIAL	SCALE	TOLERANCES			
ST STEEL	FULL	X ±0.5			
FINISH	No. REQD. PER UNIT	XX ±0.3			
BLK	6	XXX ±0.1			
G.A. No.	DRAWING No.				
V/BL/1600	R.G.O. W/BL/1617				

Tolerance (Unless otherwise stated)										Material		Dimns. in m.m.		Scale		THIRD ANGLE PROJECTION		GA No.	
										X ±0.5		ROYAL GREENWICH OBSERVATORY		Title		DRAWING No.		1617	
										XX ±0.3		MADINGLEY ROAD		W/BL/1611		FILE BL111			
										XXX ±0.1		CAMBRIDGE CB3 0EZ		DETAILS					
										ANG. +/-									
										27/02/97									
										PROMECH									
										Issue									
										Mod.No									
										Date									
										Drawn by									
										Issue									
										Mod.No									
										Date									
										Drawn by									

DRAWING NUMBER	No. OF SHEETS	GA ITEM No.	DRAWING TITLE OR COMPONENT NAME	No. OFF	MATERIAL STOCK OR ORDER No. AND DATE	REMARKS	ISSUE DATE	ISSUED TO	FINISH DATE	
V / BL / 1600	4		GENERAL ASSY.							
V / BL / 1601	1	1	FRAME ASSY	1						
V / BL / 1602	1	2	PANELS ASSY	1						
W / BL / 1603	1	3	TOP PLATE	1						
W / BL / 1604	1	4	CENTRE PLATE	1						
W / BL / 1605	1	5	LOWER PLATE	1						
W / BL / 1606	1	6	CENTRE FILTER PLATE	1						
W / BL / 1607	1	7	LOWER FILTER PLATE	1						
W / BL / 1608	1	8	TABLE PLATE	2						
W / BL / 1609	1	9	MOTOR PLATE	1						
/ /		10	RAIL END PLATE	1						
W / BL / 1611	1	11	STOPPING MOTOR DRIVE	3						
/ /		12	BEARING PLATE	3						
/ /		13	BEARING HOUSING	3						
/ /		14	BEARING SPACER	3						
/ /		15	WASHER	3						
/ /		16	BEARING SUPPORT BLOCK	3						
/ /		17	SPECIAL WASHER	6						
W / BL / 1618	1	18	SUPPORT STRAP	4						
/ /		19	SUPPORT STRAP	2						
/ /		20	SWITCH PLATE	16						
/ /		21	SWITCH CAM	3						
/ /		22	REFLECTOR SUPPORT BRACKET	4						
/ /										
W / BL / 1624	1	24	BACK PLATE	1						
W / BL / 1625	1	25	L/H TOP PLATE	1						
/ /		26	CTR TOP PLATE	1						
/ /		27	R/H TOP PLATE	1						
/ /		28	L/H BOTTOM PLATE	1						
/ /		29	R/H BOTTOM PLATE	1						
W / BL / 1630	1	30	MOUNTING PLATE	2						
/ /		31	LIFTING BLOCK	1						
/ /		32	BAR	2						
/ /		33	BAR	2						
/ /		34	L/H BRACKET	1						
/ /		35	R/H BRACKET	1						
W / BL / 1636	1	36	SHOULDER SCREW	4						
/ /		37	SHOULDER SCREW	2						
JOB TITLE	WYFFOS WAVELENGTH CALIB ASSY					ASS'Y DRG No. V/BL/1600	SHEET No. 1 of 3	DRAWN BY PROMECH DATE 04/03/97		
ROYAL GREENWICH OBSERVATORY, MADINGLEY ROAD, CAMBRIDGE										

REMOVE ALL SHARP EDGES

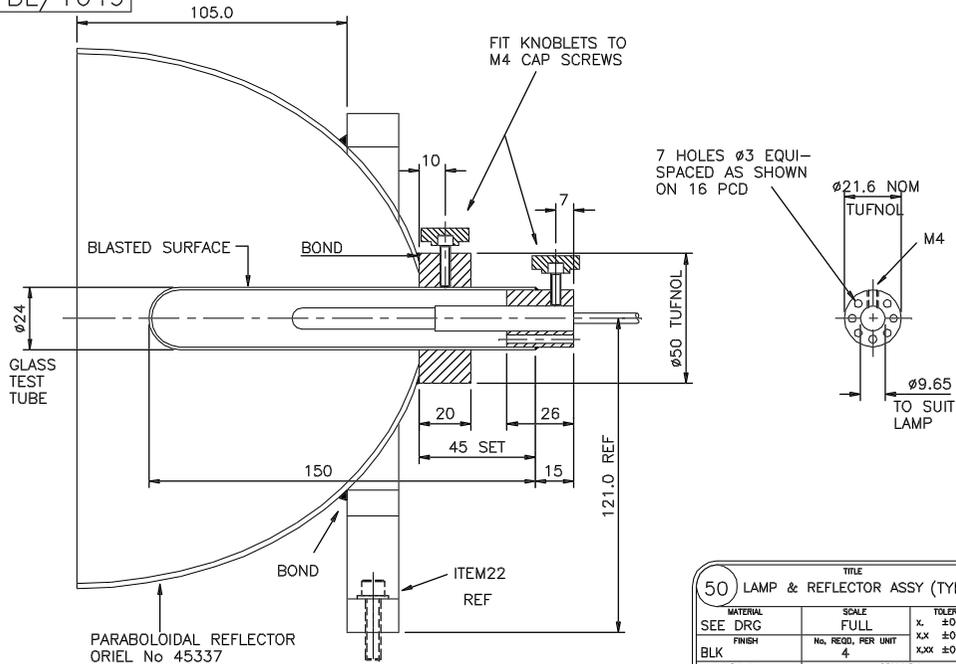


24		TITLE	
BACK PLATE			
MATERIAL	SCALE	TOLERANCES	
ALCOA PLT	1/4	x	±0.5
FINISH	No. RECD. PER UNIT	x.x	±0.3
BLK ANODISE	1	x.xx	±0.1
G.A. No.	DRAWING No.		
V/BL1600	W/BL/1624		

								Tolerance (Unless otherwise stated)		Material		Dimns. in m.m.		Scale		THIRD ANGLE PROJECTION		GA No.	
								x x.x x.xx		ROYAL GREENWICH OBSERVATORY		MADINGLEY ROAD		CAMBRIDGE CB3 0EZ		Title		Drawing No.	
Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by	ANG.	Used on	No. Req.	DETAIL		W/BL/1624						

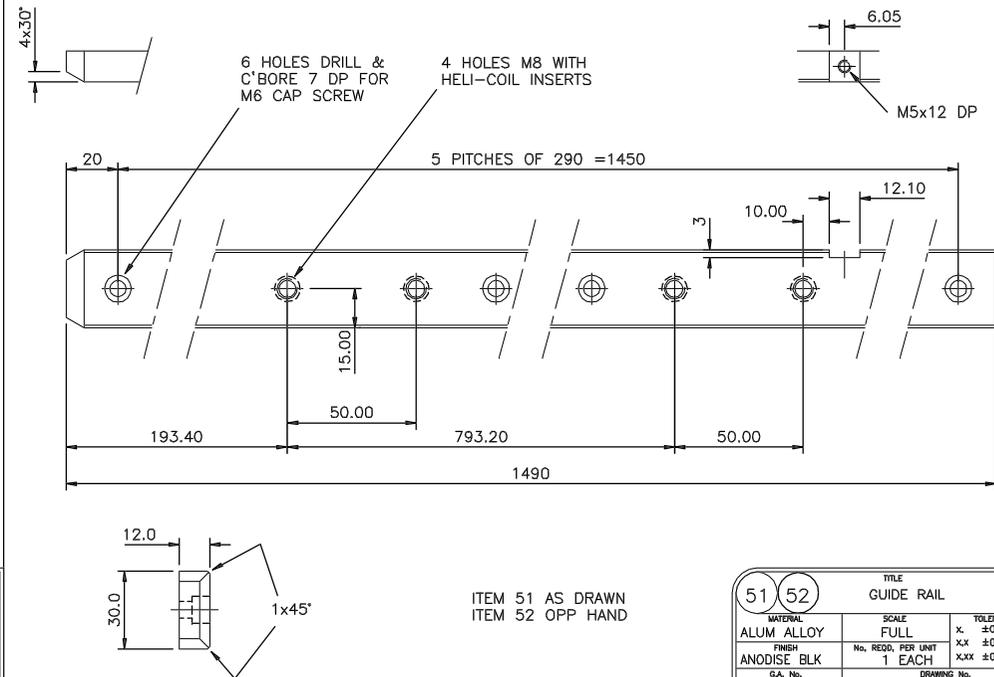
Drawing No. 1655  
W/BL/1649

REMOVE ALL SHARP EDGES



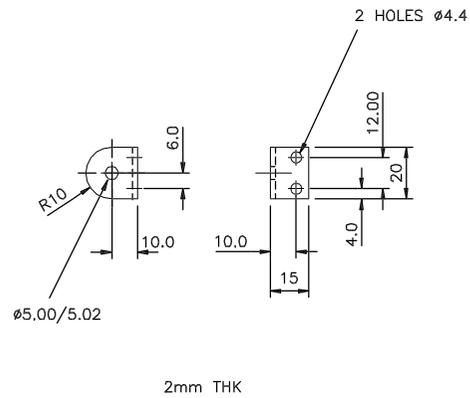
50 LAMP & REFLECTOR ASSY (TYPICAL)			
MATERIAL	SCALE	TOLERANCES	
SEE DRG	FULL	x	±0.5
FINISH	No. RECD. PER UNIT	x.x	±0.3
BLK	4	x.xx	±0.1
G.A. No.	DRAWING No.		
V/BL/1600	R.G.O. W/BL/1650		

REMOVE ALL SHARP EDGES



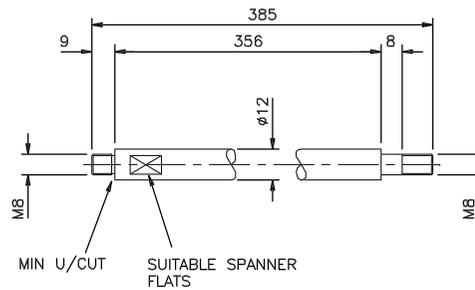
51 52 GUIDE RAIL			
MATERIAL	SCALE	TOLERANCES	
ALUM ALLOY	FULL	x	±0.5
FINISH	No. RECD. PER UNIT	x.x	±0.3
ANODISE BLK	1 EACH	x.xx	±0.1
G.A. No.	DRAWING No.		
V/BL/1600	R.G.O. W/BL/1651-2		

REMOVE ALL SHARP EDGES



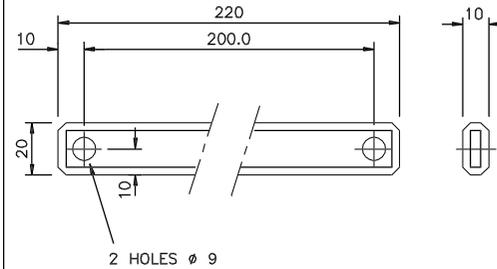
49 BRACKET			
MATERIAL	SCALE	TOLERANCES	
ST. STEEL	FULL	x	±0.5
FINISH	No. RECD. PER UNIT	x.x	±0.3
BLK NIC PLATE	2	x.xx	±0.1
G.A. No.	DRAWING No.		
V/BL/1600	R.G.O. W/BL/1649		

REMOVE ALL SHARP EDGES



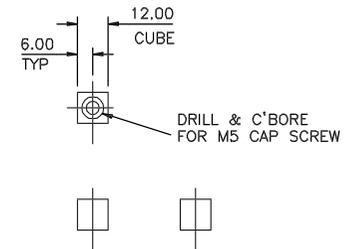
55 PULL ROD			
MATERIAL	SCALE	TOLERANCES	
ST. STEEL	FULL	x	±0.5
FINISH	No. RECD. PER UNIT	x.x	±0.3
BLK NIC PLATE	4	x.xx	±0.1
G.A. No.	DRAWING No.		
V/BL/1600	R.G.O. W/BL/1655		

REMOVE ALL SHARP EDGES



54 PULL BAR			
MATERIAL	SCALE	TOLERANCES	
ALUM ALLOY	FULL	x	±0.5
FINISH	No. RECD. PER UNIT	x.x	±0.3
ANODISE BLK	2	x.xx	±0.1
G.A. No.	DRAWING No.		
V/BL/1600	R.G.O. W/BL/1654		

REMOVE ALL SHARP EDGES

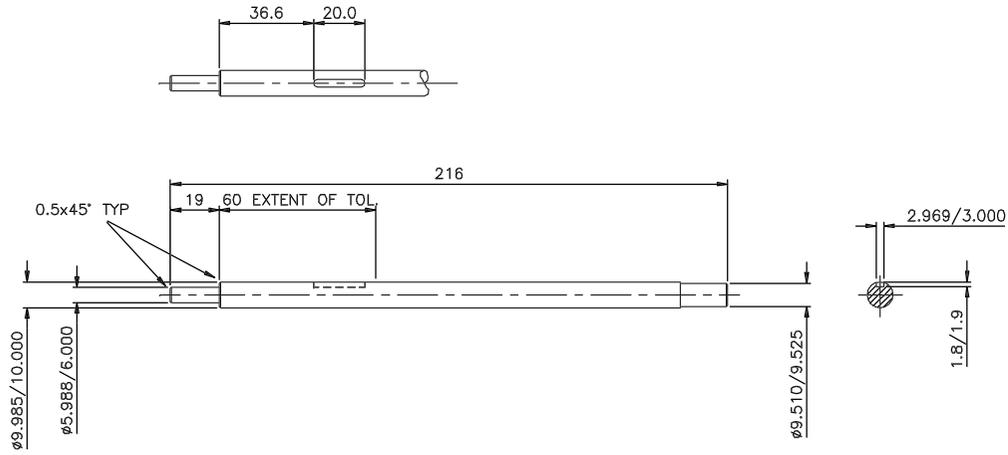


53 STOP			
MATERIAL	SCALE	TOLERANCES	
ALUM ALLOY	FULL	x	±0.5
FINISH	No. RECD. PER UNIT	x.x	±0.3
ANODISE BLK	2	x.xx	±0.1
G.A. No.	DRAWING No.		
V/BL/1600	R.G.O. W/BL/1653		

Tolerance (Unless otherwise stated)										Material		Dimns. in m.m.		Scale		THIRD ANGLE PROJECTION		GA No.	
Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by	Finish	Drg.No.	No.Req.	Used on	Used on	Used on	Used on	Title	Details	GA No.	Drawing No.	W/BL/1649
																		1655	1649

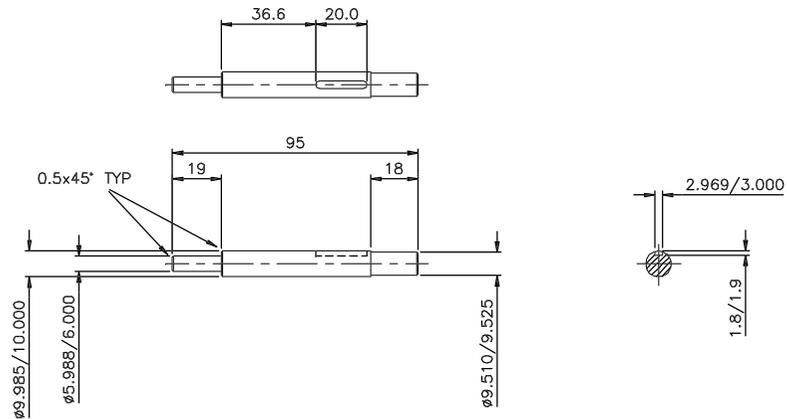
Drawing No. 1661  
W/BL/1659

REMOVE ALL SHARP EDGES



60			CONN. SHAFT - LONG		
MATERIAL	SCALE	TOLERANCES			
ST STEEL	FULL	X ±0.5			
FINISH	No. RECD. PER UNIT	XX ±0.3			
BLK	1	XXX ±0.1			
G.A. No.	DRAWING No.				
V/BL/1600	R.G.O. W/BL/1660				

REMOVE ALL SHARP EDGES

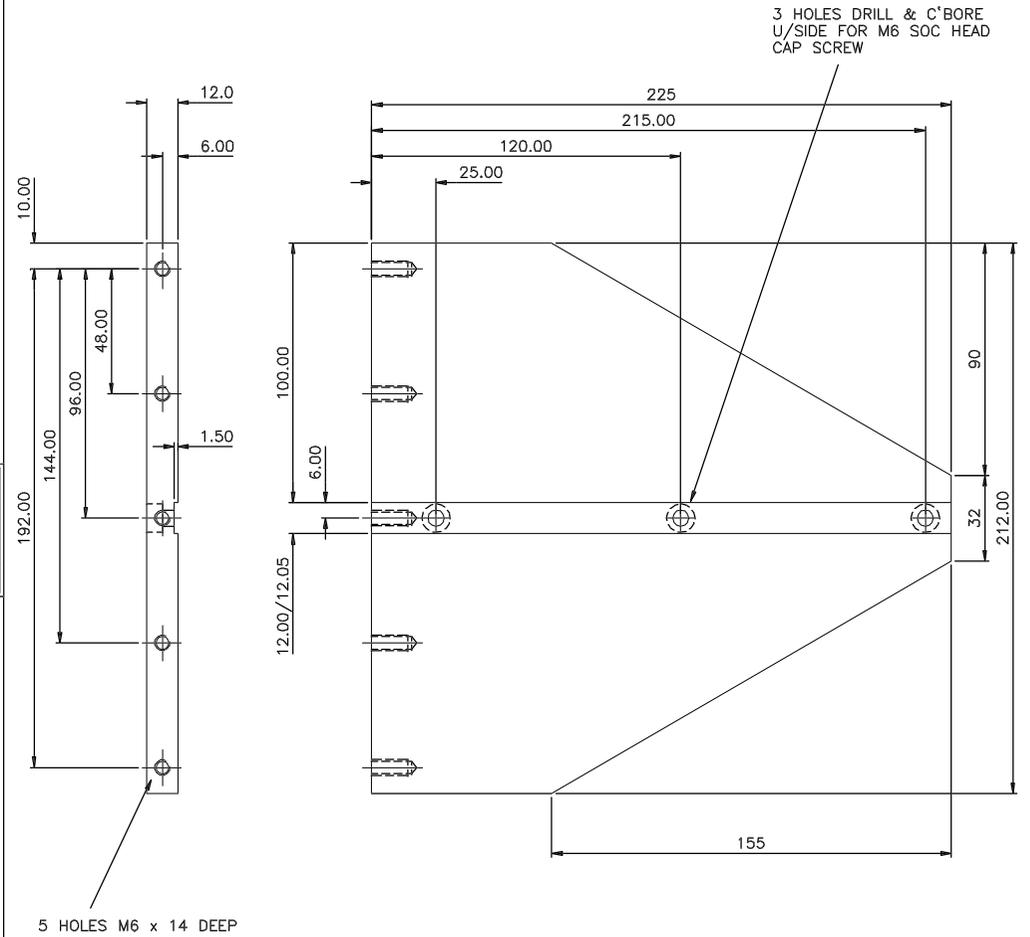


59			CONN. SHAFT - SHORT		
MATERIAL	SCALE	TOLERANCES			
ST STEEL	FULL	X ±0.5			
FINISH	No. RECD. PER UNIT	XX ±0.3			
BLK	2	XXX ±0.1			
G.A. No.	DRAWING No.				
V/BL/1600	R.G.O. W/BL/1659				

Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by
						27/02/97	PROMECH

Material	Finish	Drg.No.	No.Req.	Dimns.in m.m.	Scale
				ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD CAMBRIDGE CB3 0EZ	

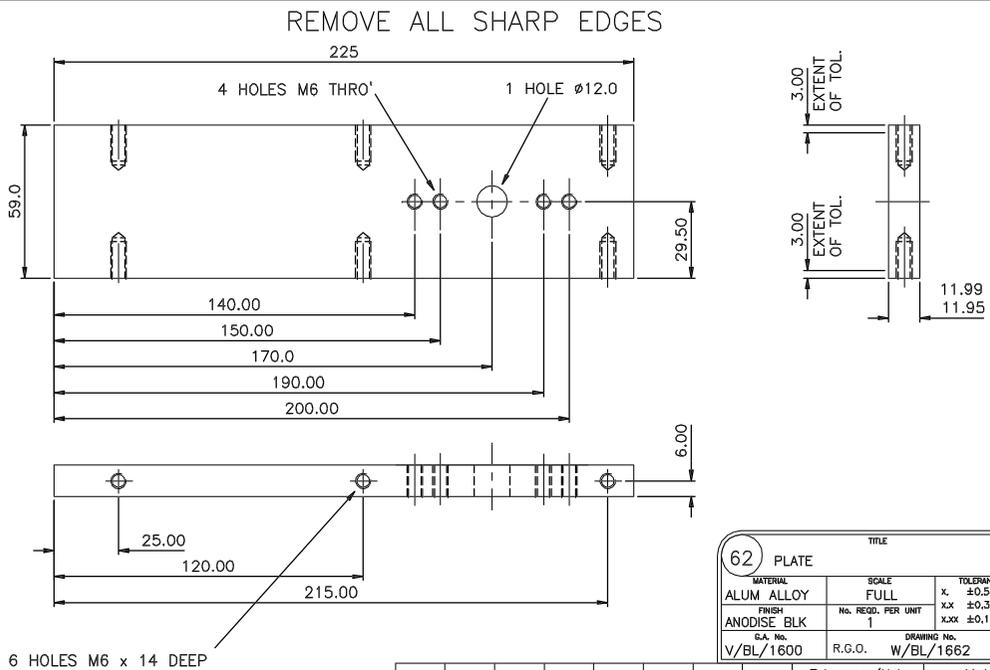
REMOVE ALL SHARP EDGES



61			WEB		
MATERIAL	SCALE	TOLERANCES			
ALUM ALLOY	FULL	X ±0.5			
FINISH	No. RECD. PER UNIT	XX ±0.3			
ANODISE BLK	2	XXX ±0.1			
G.A. No.	DRAWING No.				
V/BL/1600	R.G.O. W/BL/1661				

THIRD ANGLE PROJECTION		Title		DRAWING No. 1661	
		DETAILS		W/BL/1659	

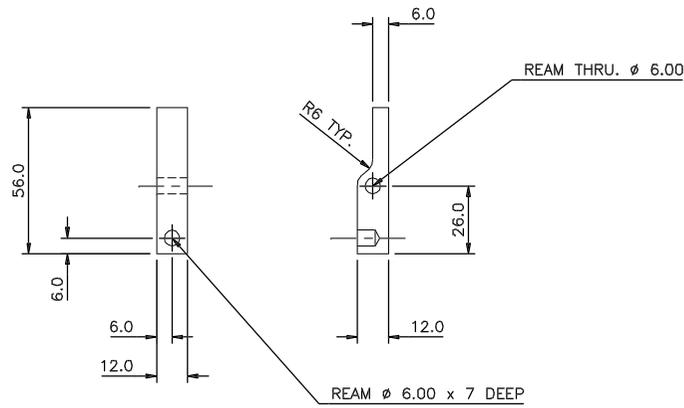
Drawing No.  
W/BL/1662



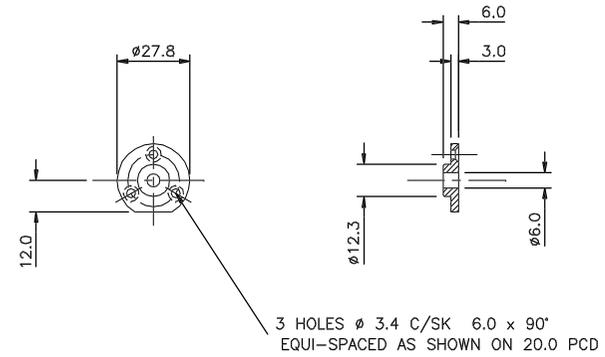
6 HOLES M6 x 14 DEEP

										THIRD ANGLE PROJECTION		GA No.	
										ROYAL GREENWICH OBSERVATORY		Drawing No.	
										MADINGLEY ROAD		W/BL/1662	
										CAMBRIDGE CB3 0EZ		DETAILS	
Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by	Material	Finish	Drg.No.	No.Req.	Used on	

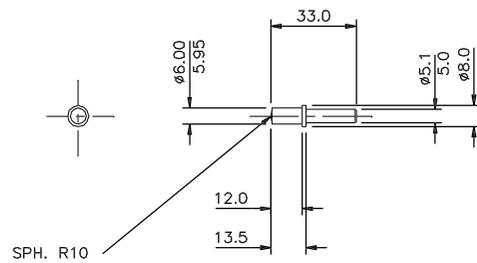
DRAWING NUMBER	No. OF SHEETS	GA ITEM No.	DRAWING TITLE OR COMPONENT NAME	No. OFF	MATERIAL STOCK OR ORDER No. AND DATE	REMARKS	ISSUE DATE	ISSUED TO	FINISH DATE
W/ BL / 1250	1		GENERAL ASSY.						
W/ BL / 1251	1	1	BRACKET ASSY.	1					
W/ BL / 1252	1	2	BASE PLATE	1					
/ /		3							
/ /		4							
/ /		5							
/ /		6							
/ /		7							
/ /		8							
W/ BL / 603	1	9	CLAMP LEG	3					
/ /604		10	CLAMP BUSH	3					
/ /605		11	CLAMP	3					
/ /606		12	SCREW CLAMP	2					
/ /607		13	BUTTON	3					
/ /608		14	SUPPORT BUSH(CONES)	1					
/ /609		15	ADJUSTER SCREW	3					
W/ BL / 610	1	16	SUPPORT BUSH(VEE)	1					
/ /611		17	SUPPORT BUSH(FLAT)	1					
/ /613		18	BASE CLAMP	3					
W/ BL / 307	1	19	SCREW CLAMP(OPPOSITE HAND)	1					
/ /		20							
/ /		21							
/ /		22	SOC HD CAP SCREW M5 x 20	12					
/ /		23	SOC HD CAP SCREW M10 x 90	3					
/ /		24	HEX HD SCREW M6 x 35	3					
/ /		25	HEX HD SCREW M5 x 20	3					
/ /		26	SOC HD CAP SCREW M5 x 12	3					
/ /		27	SOC HD CAP SCREW M4 x 16	6					
/ /		28	PLAIN WASHER M10	3					
/ /		29	SPRING WASHER M6	3					
/ /		30	SPRING WASHER M5	3					
/ /		31	DOWEL PIN $\phi$ 4 x 15 LONG	3					
/ /		32	ROLL PIN $\phi$ 3 x 10 LONG	3					
/ /									
/ /									
/ /									
/ /									
JOB TITLE WYFFOS WAVELENGTH CALIBRATION ASSY.						ASS'Y DRG No. W/BL/1250	SHEET No. 1 of 1	DRAWN BY PROMECH DATE 30/7/93	
ROYAL GREENWICH OBSERVATORY, MADINGLEY ROAD, CAMBRIDGE									



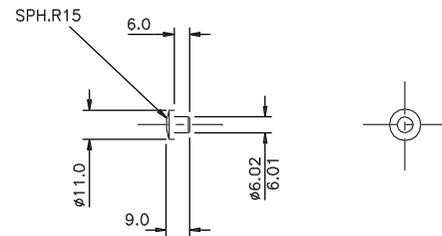
213	TITLE	DISC REF.
	CLAMP LEVER	
MATERIAL	SCALE	TOLERANCES ±
ST.STL	1:1	X 0.1 X.X 0.1 X.XX
FINISH	No. REQD. PER UNIT	
BLK.NICKEL PL	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	W/BL/213	



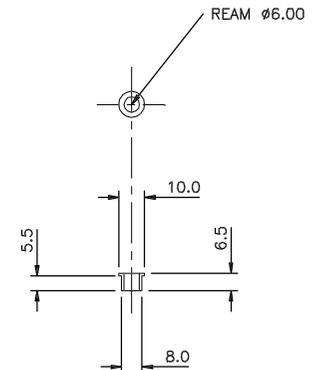
214	TITLE	DISC REF.
	SPRING CAP	
MATERIAL	SCALE	TOLERANCES ±
6062 AL.ALLOY	1:1	X 0.1 X.X 0.1 X.XX
FINISH	No. REQD. PER UNIT	
MATT BLK.ANODISE	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	W/BL/214	



215	TITLE	DISC REF.
	SPRING PLUNGER	
MATERIAL	SCALE	TOLERANCES ±
ST.STL	1:1	X 0.1 X +/- X.X +/- X.XX +/- X.XX +/- ANG. +/-
FINISH	No. REQD. PER UNIT	
CLEAN	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	W/BL/215	



216	TITLE	DISC REF.
	CLAMP PAD	
MATERIAL	SCALE	TOLERANCES ±
ST.STL	1:1	X 0.1 X +/- X.X +/- X.XX +/- X.XX +/- ANG. +/-
FINISH	No. REQD. PER UNIT	
CLEAN	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	W/BL/216	



217	TITLE	DISC REF.
	BUSH	
MATERIAL	SCALE	TOLERANCES ±
BRASS	1:1	X 0.1 X +/- X.X +/- X.XX +/- X.XX +/- ANG. +/-
FINISH	No. REQD. PER UNIT	
CLEAN	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	W/BL/217	

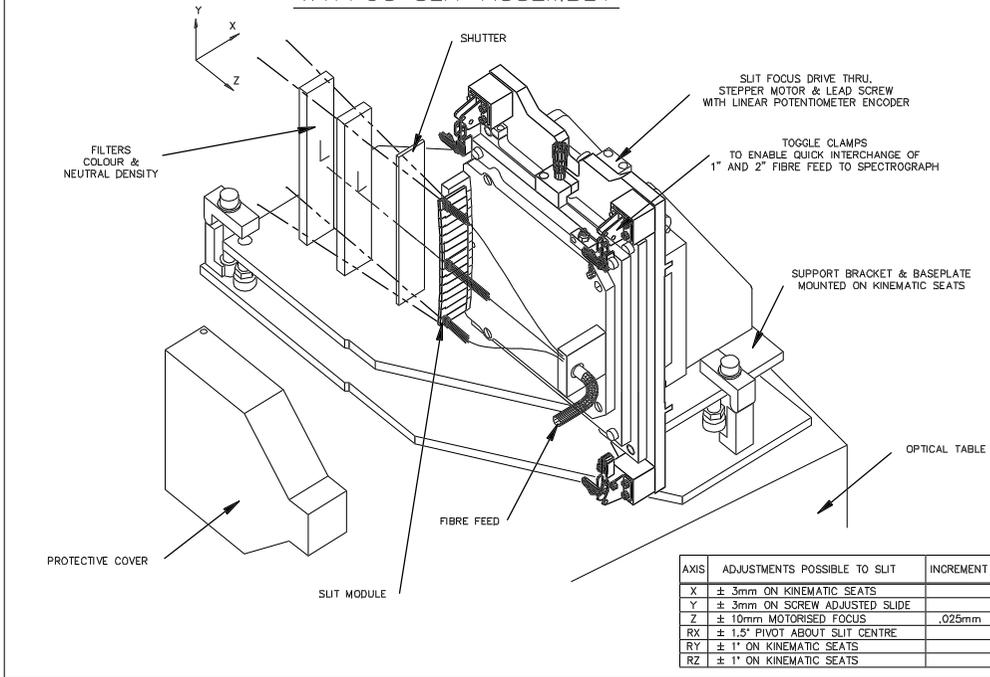
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				X +/-		Finish		Drg.No.		ROYAL GREENWICH OBSERVATORY		Title		Drawing No.	
				X.X +/-		Used on		No.Req.		MADINGLEY ROAD		4.2m WYFFOS - SLIT UNIT		W/BL/213-7	
				X.XX +/-						CAMBRIDGE CB3 0EZ		DETAILS			
				ANG. +/-											
Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by								
				1		NOV.91	AJW								

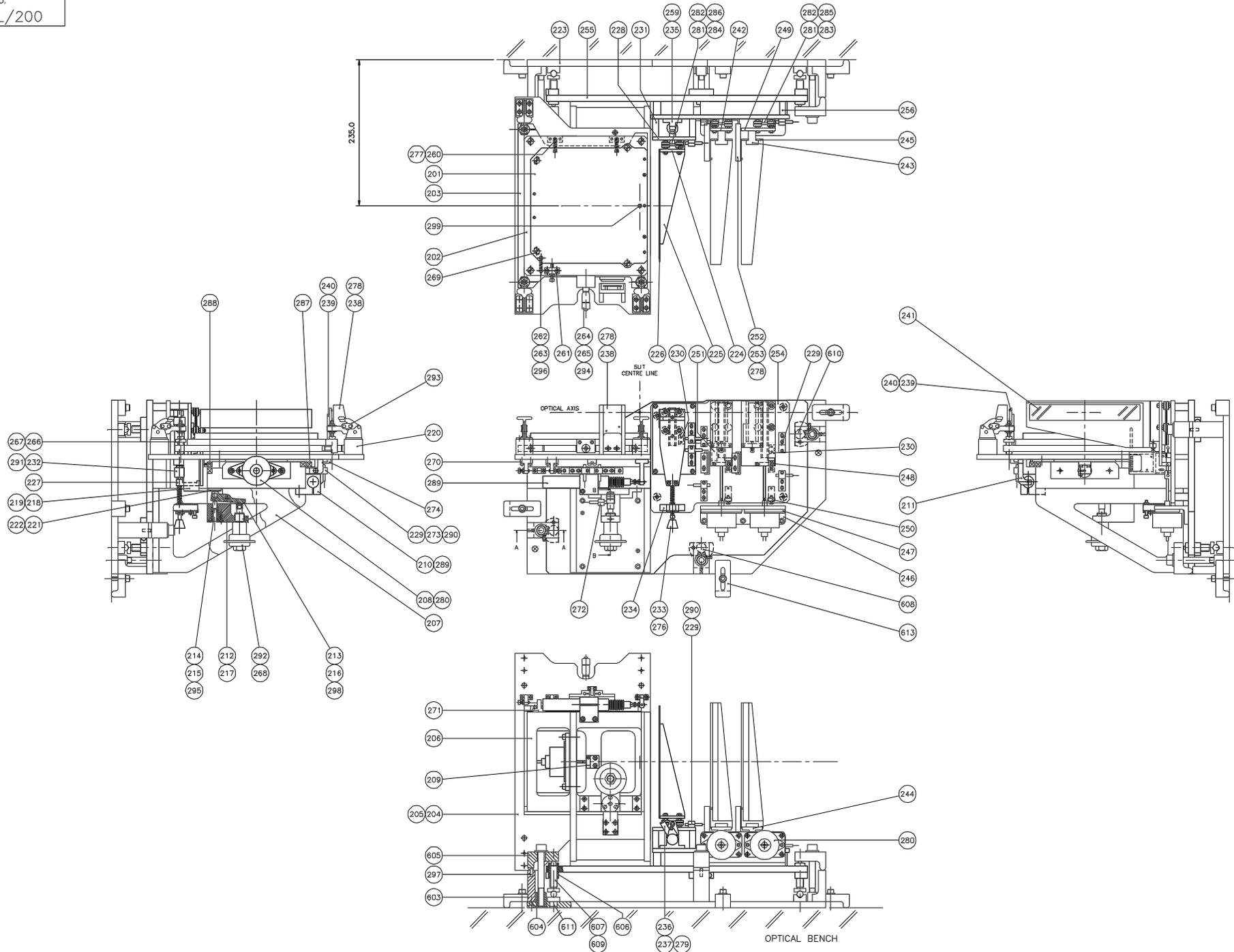
DRAWING NUMBER	No. OF SHEETS	GA ITEM No.	DRAWING TITLE OR COMPONENT NAME	No. OFF	MATERIAL STOCK OR ORDER No. AND DATE	REMARKS	ISSUE DATE	ISSUED TO	FINISH DATE	
W/ BL / 238	1	238	BRACKET – BAR CODE READER	1	6082 AL.ALLOY					
W/ BL / 239		239	BAR CODE MOUNT	1	II					
/ / 240		240	BAR CODE PLATE	1	II					
W/ BL / 241	1	241	FILTER HOLDER	1	II					
W/ BL / 242	1	242	BEARING PLATE	1	II					
/ / 243		243	TEE SLIDE	2	BRASS					
/ / 244		244	STOP BRACKET	2	6082 AL.ALLOY					
/ / 245		245	RETAINERS	4	BRASS					
W/ BL / 246	1	246	MOTOR BRACKET	1	6082 AL.ALLOY					
/ / 247		247	MOTOR PLATE	2	II					
/ / 248		248	MOTOR SCREW END BRACKET	2	II					
W/ BL / 249	1	249	BEARING PLATE	1	II					
/ / 250		250	STOP BRACKET	2	II					
/ / 251		251	FLAG – PROXIMITY SW.	1	MILD STEEL					
/ / 252		252	BAR CODE READER BRACKET	2	6082 AL.ALLOY					
/ / 253		253	BAR CODE READER CARRIER	2	II					
W/ BL / 254	1	254	SUB PLATE FILTERS AND SHUTTER	1	II					
W/ BL / 255	1	255	MOUNTING PLATE	1	CAST AL.TOOLING PLATE					
W/ BL / 256	1	256	SPACER	4	6082 AL.ALLOY					
/ / 257		257	MODS TO BACKING PLATE	1	HEPCO MBP/60/12					
/ / 258		258	MODS TO BACKING PLATE	2	HEPCO MBP/90/12					
/ / 259		259	SHOULDER SCREW	1	ST.STEEL					
/ / 260		260	SPRING BLOCK	2	6082 AL.ALLOY					
/ / 261		261	ADJUSTER BLOCK	1	6082 AL.ALLOY					
W/ BL / 262	1	262	SPRING POST	1	ST.STEEL					
/ / 263		263	SPRING POST	1	II					
/ / 264		264	MICROMETER BLOCK	1	6082 AL.ALLOY					
/ / 265		265	MICROMETER PAD	1	ST.STEEL					
/ / 266		266	ADJUSTING SCREW	3	II					
/ / 267		267	KINEMATIC SEATS	1 EACH	II					
W/ BL / 268	1	268	END CAP – PISTON	1	BRASS					
/ / 269		269	SHOULDER SCREW	8	ST.STEEL					
/ / 270		270	STOP BRACKET	2	6082 AL.ALLOY					
/ / 271		271	STOP BRACKET	1	ST.STEEL					
/ / 272		272	BRACKET – PROX.SWITCH	1	6082 AL.ALLOY					
/ / 273		273	SPACER BLOCK	1	6082 AL.ALLOY					
/ / 274		274	SWITCH FLAG	1	MILD STEEL					
/ /		275								
JOB TITLE	4.2m WYFFOS – SLIT UNIT					ASS'Y DRG No. V/BL/200	SHEET No. 2 OF 4	DRAWN BY AJW	DATE DEC.91	
ROYAL GREENWICH OBSERVATORY, MADINGLEY ROAD, CAMBRIDGE										





## WYFFOS SLIT ASSEMBLY

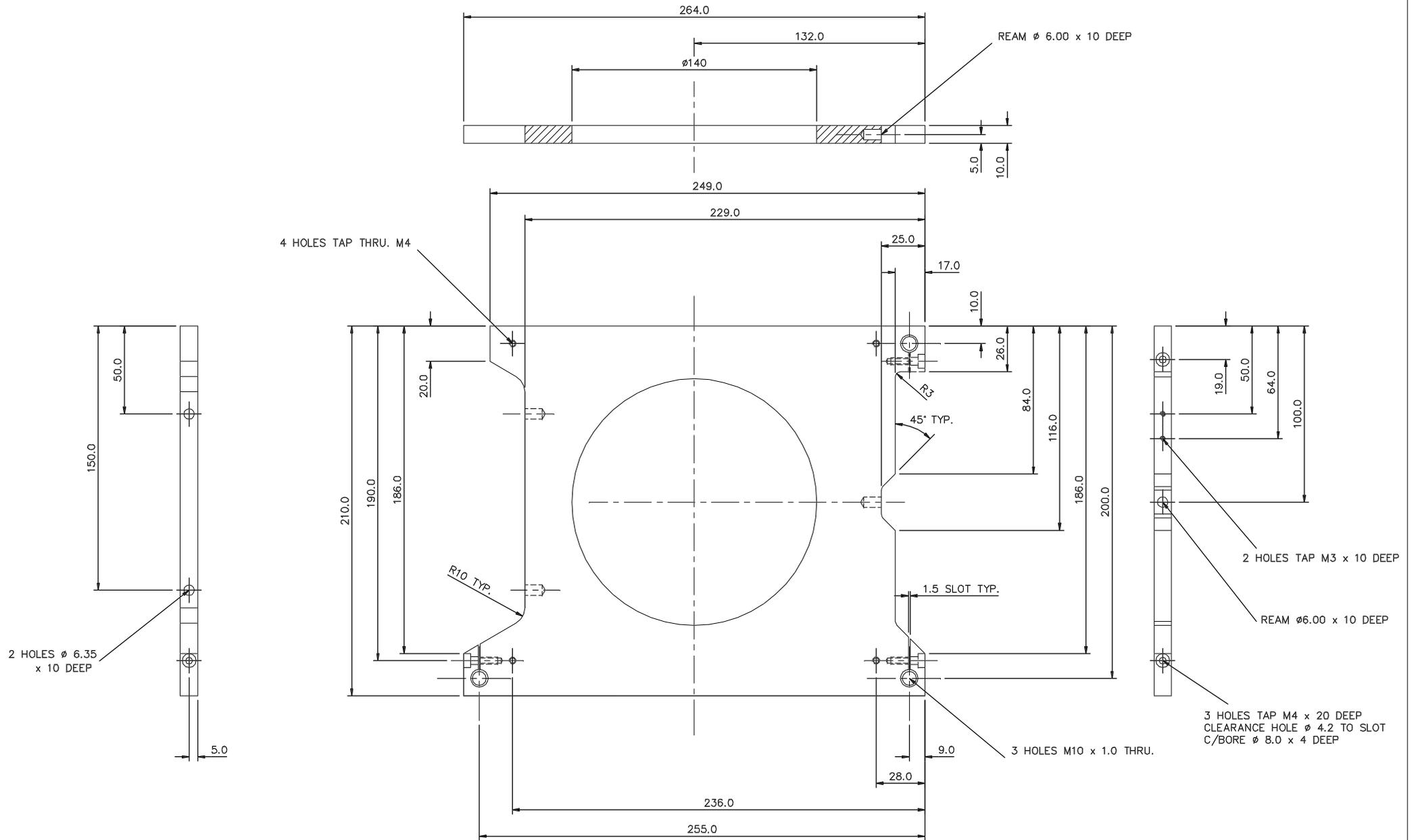




				TOLERANCES (UNLESS OTHERWISE STATED)				MATERIAL		DIM IN MM		SCALE 1:2		THIRD ANGLE PROJECTION		G.A. NO.	
				X / ±				FINISH		1 OFF		ROYAL GREENWICH OBSERVATORY		TITLE		DRG NO.	
				XX / ±						DRG NO.		MADINGLEY ROAD		4.2m WYFFOS - SLIT UNIT		V/BL/200	
				XXX / ±						NO REQ		CAMBRIDGE CB3 0EZ		GENERAL ASSEMBLY			
				ANG / ±						USED ON							
ISSUE	MOD. NO.	DATE	DRAWN BY	ISSUE	MOD. NO.	DATE	DRAWN BY										
				1		JAN_92	AJW										



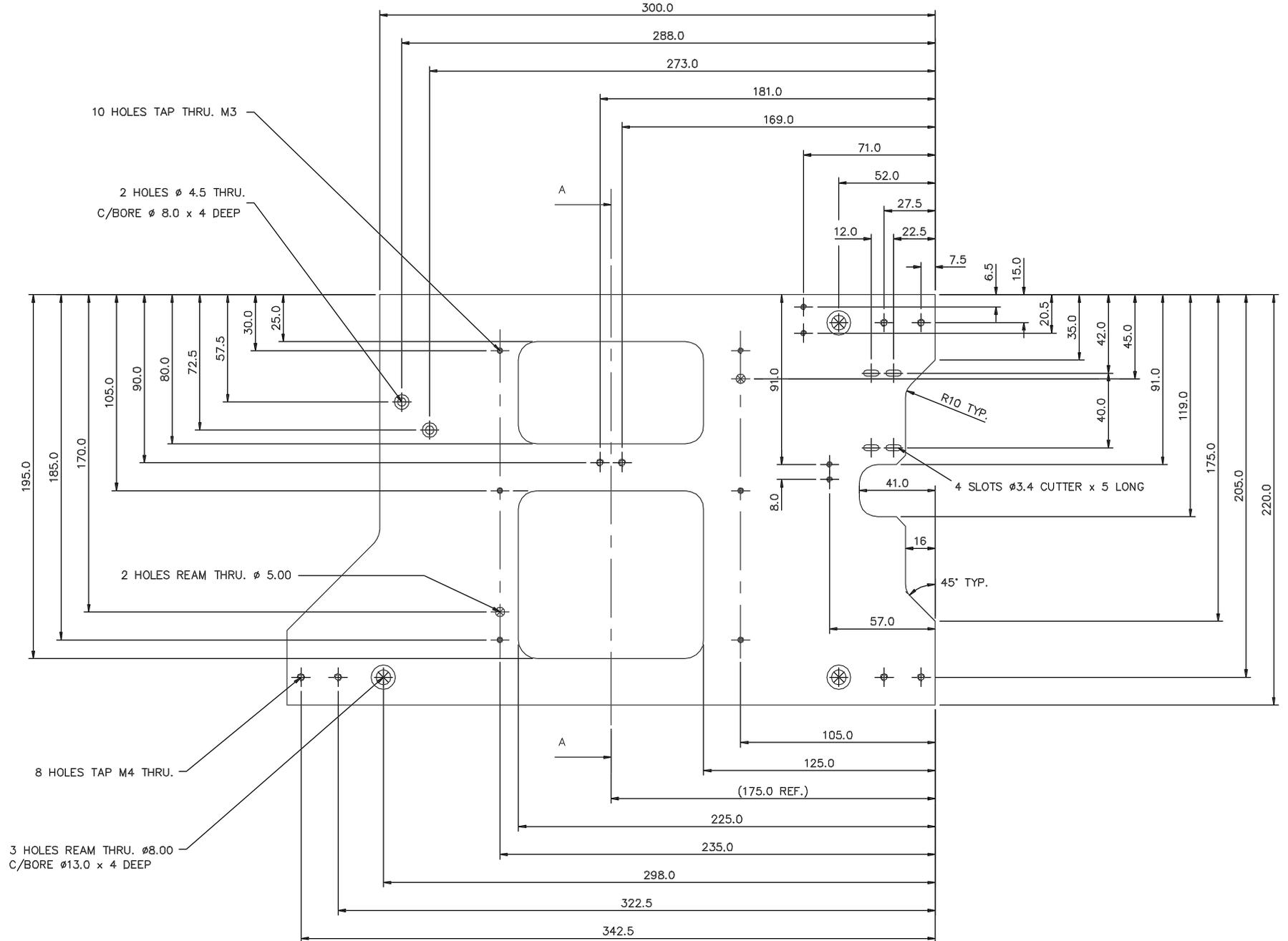
REMOVE ALL BURRS AND SHARP EDGES



				Tolerance (Unless otherwise stated)		Material		Dimns. in m.m.		Scale 1:1		THIRD ANGLE PROJECTION		GA No. V/BL/200	
				X +/- 0.1		6082 AL. ALLOY						Title		Drawing No.	
				XX +/- 0.1		Finish		Drg.No.		No.Req.		ROYAL GREENWICH OBSERVATORY		4.2m WYFFOS - SLIT UNIT	
				XXX +/- 0.5*		BLK. ANODISE		Used on		CAMBRIDGE CB3 0EZ		SLIT BASE		W/BL/203	
Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by								
				1		NOV.91	AJW								

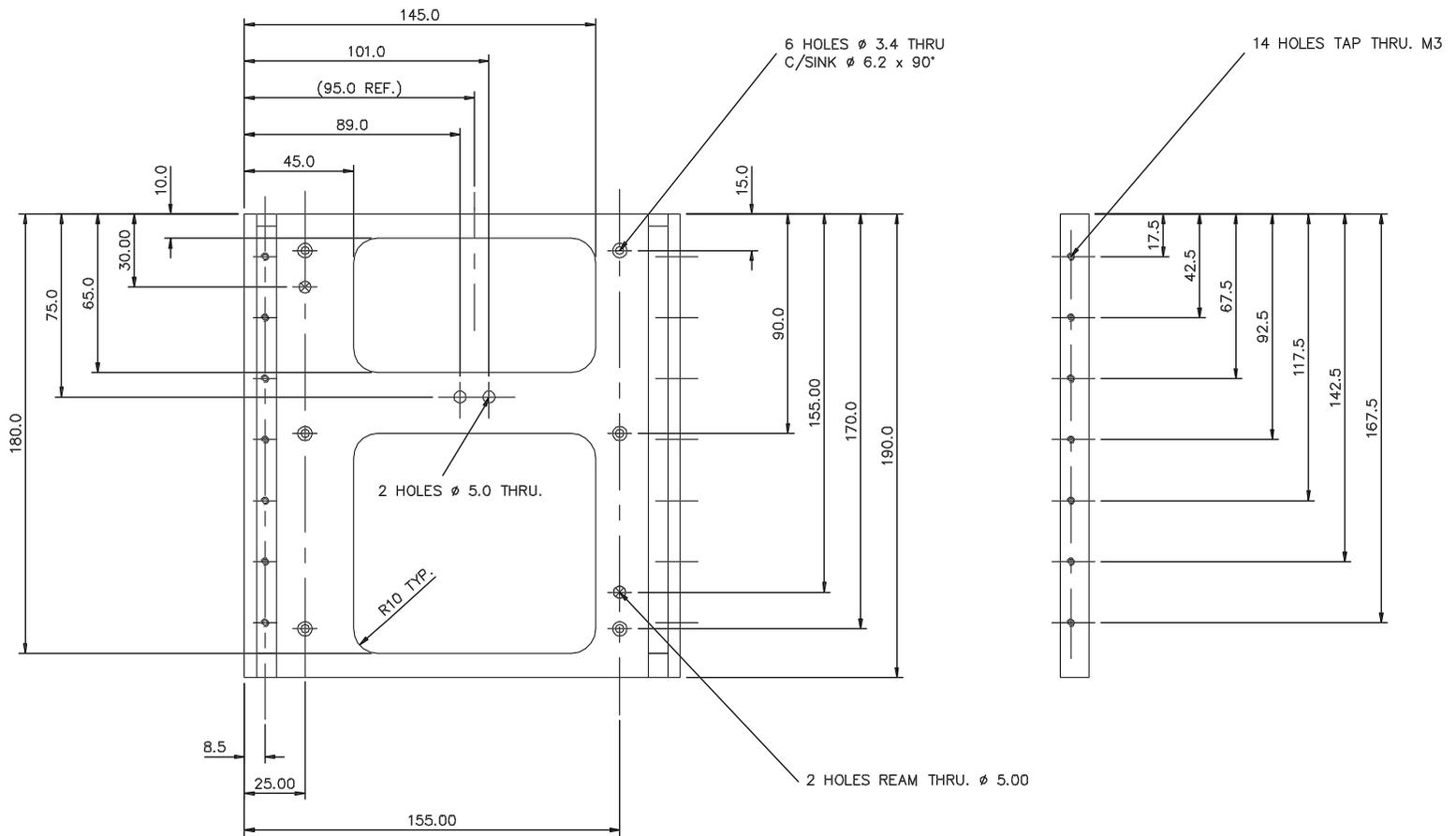
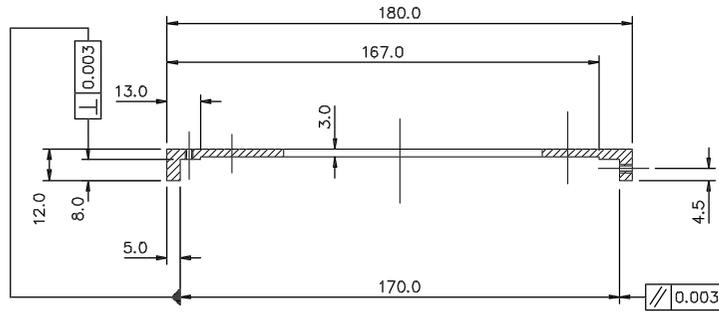
REMOVE ALL BURRS AND SHARP EDGES

SECTION A - A



				Tolerance (Unless otherwise stated)		Material		Dimns. in m.m.		Scale 1:1		THIRD ANGLE PROJECTION		GA No. V/BL/200	
				X +/- 0.1		6082 AL. ALLOY		1 OFF		ROYAL GREENWICH OBSERVATORY		Title 4.2m WYFFOS - SLIT UNIT BEARING PLATE		Drawing No. W/BL/204	
				XX +/- 0.01		Finish		Drg.No. No.Req.		MADINGLEY ROAD					
Issue Mod.No Date Drawn by Issue Mod.No Date Drawn by				ANG +/-		BLK.ANODISE		Used on		CAMBRIDGE CB3 0EZ					

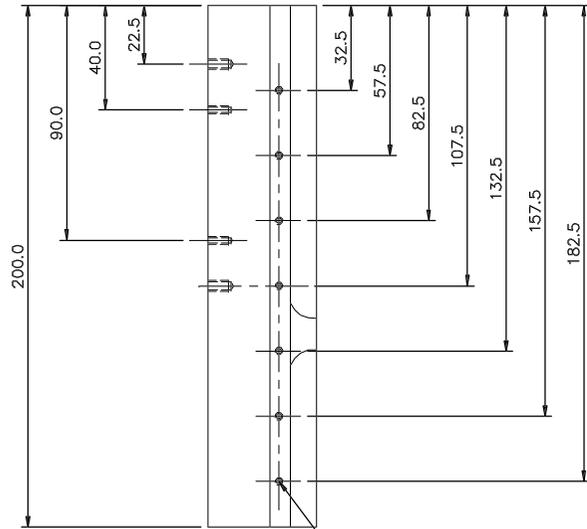
REMOVE ALL BURRS AND SHARP EDGES



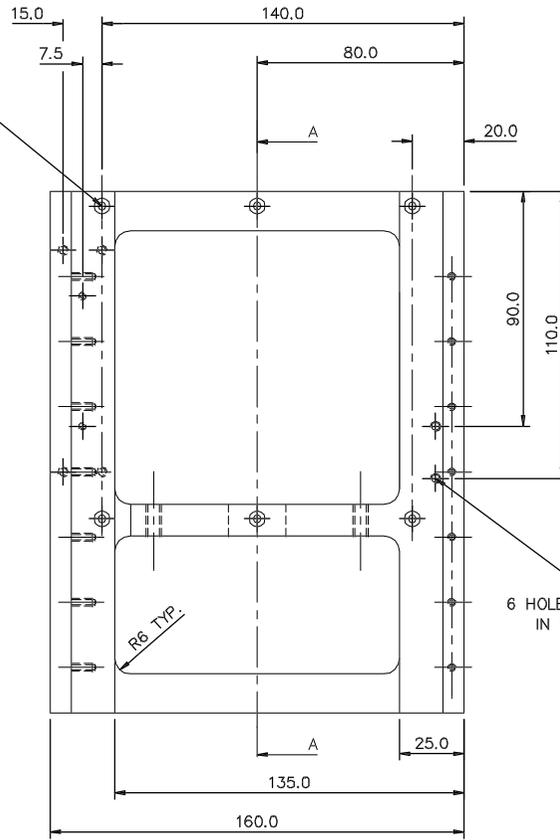
				Tolerance (Unless otherwise stated)		Material		Dimns. in m.m.		Scale 1:1		THIRD ANGLE PROJECTION		GA No. V/BL/200	
				X +/- 0.1		6082 AL. ALLOY		1 OFF				ROYAL GREENWICH OBSERVATORY		Drawing No.	
				XX +/- 0.01		Finish		Drg.No. No.Req.				MADINGLEY ROAD		Title	
Issue Mod.No Date Drawn by Issue Mod.No Date Drawn by				ANG +/-		MATT BLK. ANODISE		Used on		CAMBRIDGE CB3 0EZ		4.2m WYFFOS - SLIT UNIT BEARING SUPPORT		W/BL/205	

REMOVE ALL BURRS AND SHARP EDGES

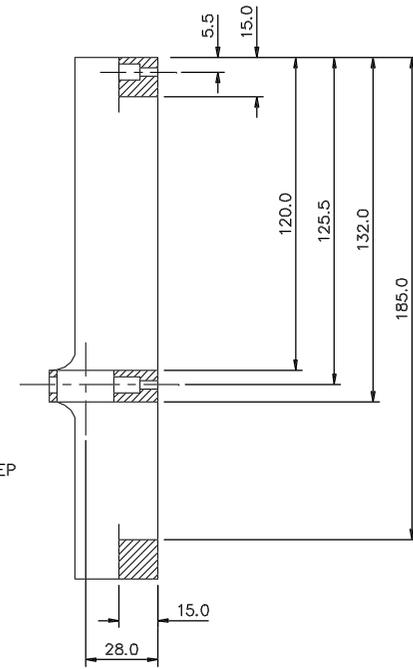
6 HOLES  $\phi$  4.5 THRU.  
C/BORE  $\phi$  8.0 AS SHOWN



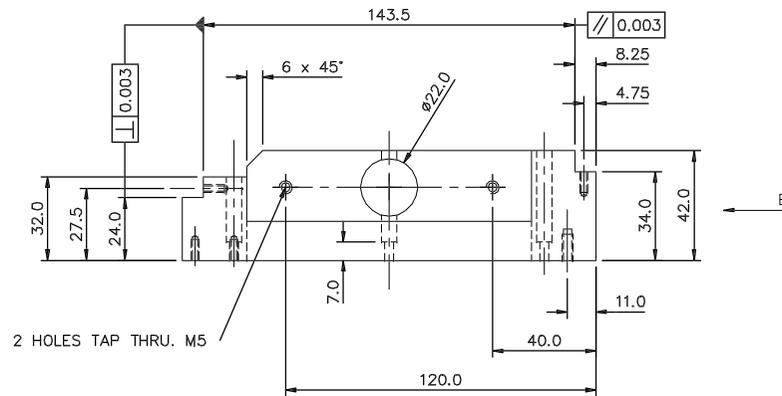
18 HOLES TAP M3 x 8 DEEP



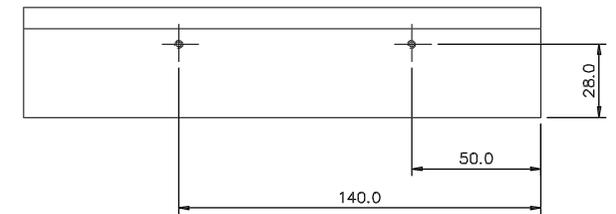
6 HOLES TAP M4 x 10 DEEEP  
IN U/SIDE AS SHOWN



SECTION A - A



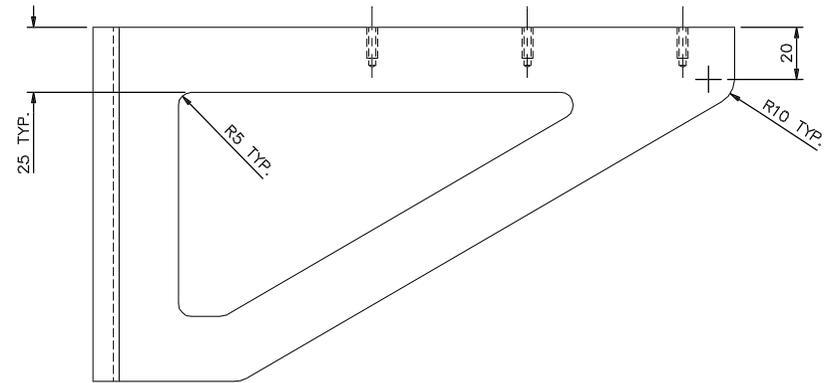
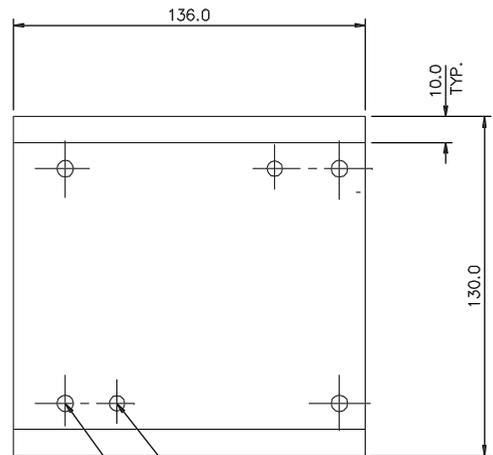
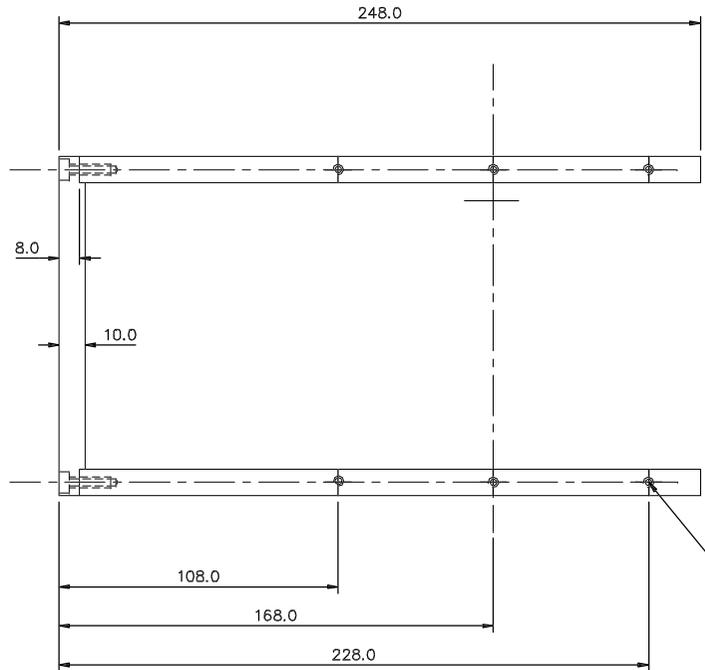
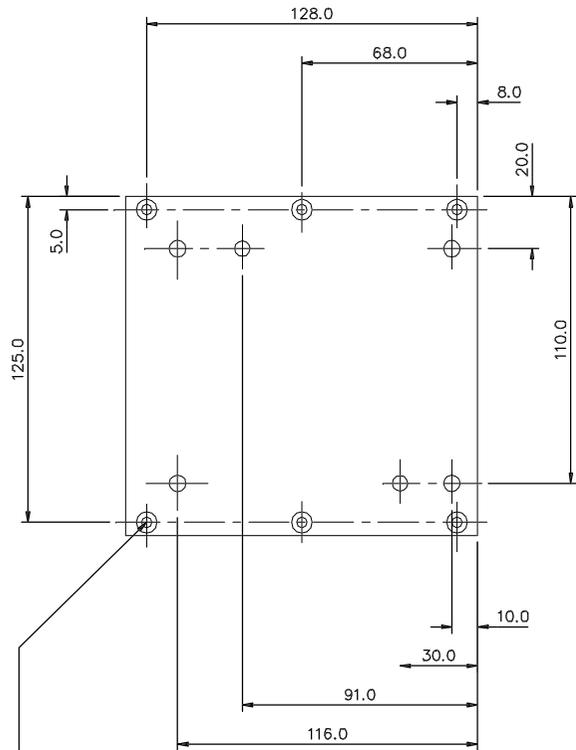
2 HOLES TAP THRU. M5



VIEW ON ARROW E

				Tolerance (Unless otherwise stated)		Material		Dimns. in m.m.		Scale 1:1		THIRD ANGLE PROJECTION		GA No. V/BL/200	
				X x +/-		6082 AL.ALLOY		1 OFF				ROYAL GREENWICH OBSERVATORY		Drawing No.	
				XX +/- 0.0		Finish		Drg.No. No.Req.				MADINGLEY ROAD		Title	
				XX +/- 0.001		MATT BLK.ANODISE		Used on				CAMBRIDGE CB3 0EZ		4.2m WYFFOS - SLIT UNIT	
Issue Mod.No Date Drawn by Issue Mod.No Date Drawn by				ANG +/-								BEARING BLOCK		W/BL/206	

REMOVE ALL BURRS AND SHARP EDGES



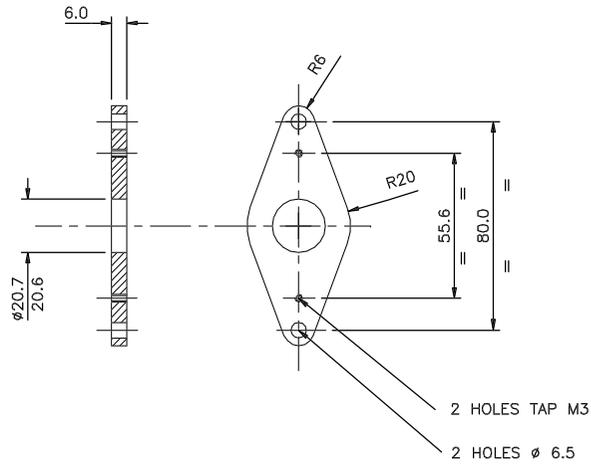
6 HOLES DRILL TAP  
AND C/BORE TO SUIT M4  
CAP HEAD SCREWS  
16 LONG MIN.

2 HOLES REAM THRU.  $\phi$  6.00

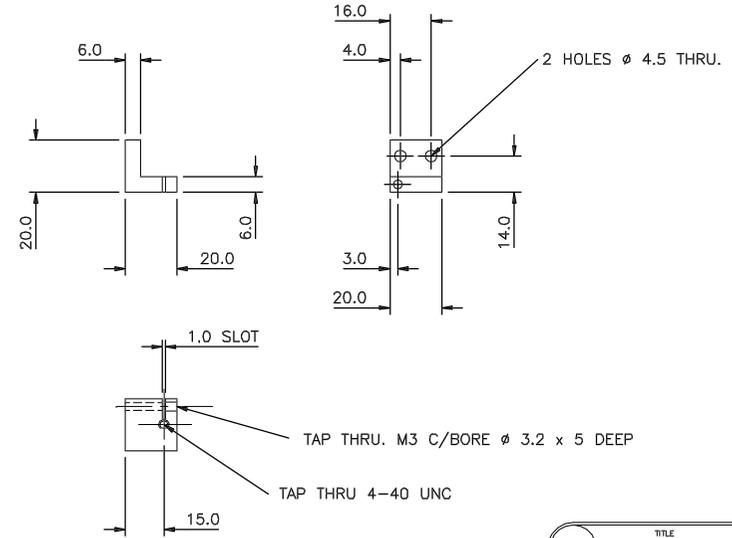
4 HOLES  $\phi$  5.5 THRU.

6 HOLES TAP M4 x 12 DEEP

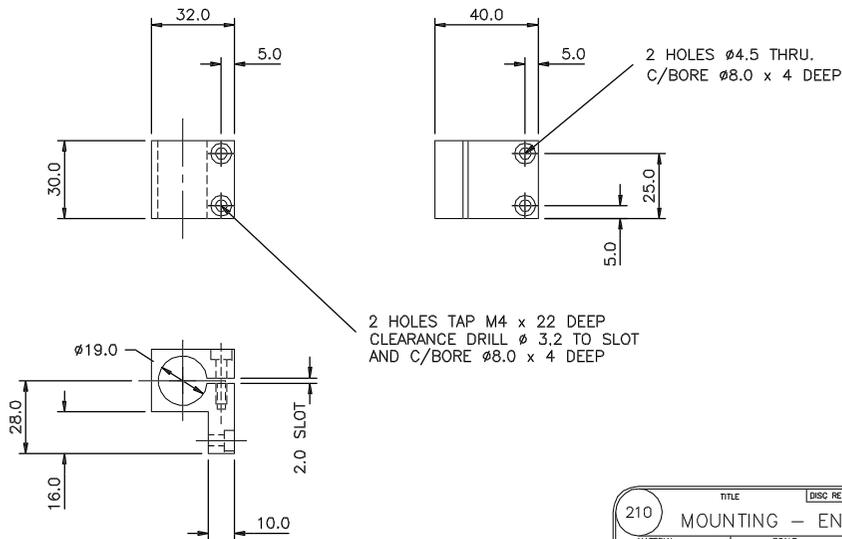
				Tolerance (Unless otherwise stated)		Material		Dimns.in m.m.		Scale 1:1		THIRD ANGLE PROJECTION		GA No. V/BL/200	
				X +/- 0.3		6082 AL.ALLOY		1 OFF				ROYAL GREENWICH OBSERVATORY		Drawing No.	
				X.X +/- 0.1		Finish		Drg.No. No.Req.				MADINGLEY ROAD		Title	
				X.XX +/- 0.01		MATT BLK.ANODISE		Used on		CAMBRIDGE CB3 0EZ		4.2m WYFFOS - SLIT UNIT		W/BL/207	
Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by					BEARING SUPPORT BRACKET			
				1		NOV.91	AJW								



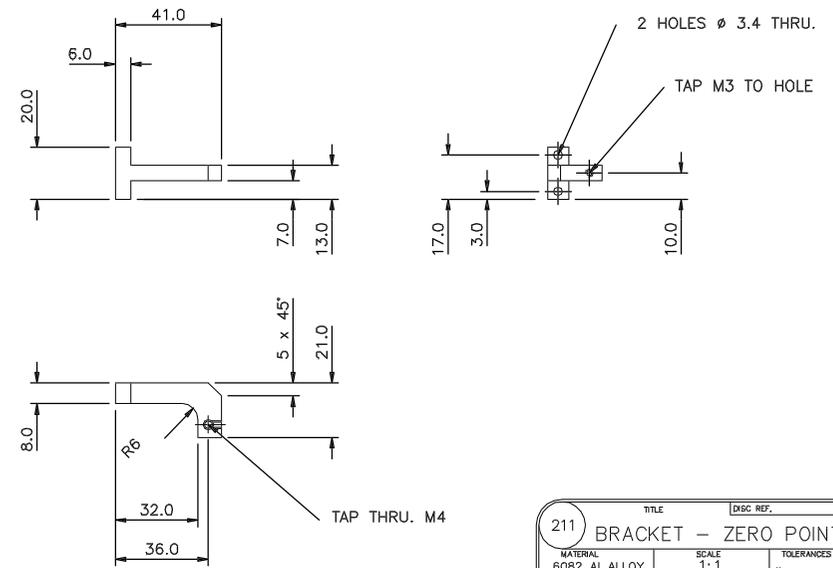
208	TITLE	DISC. REF.
MOTOR PLATE		
MATERIAL	SCALE	TOLERANCES ±
6062 AL.ALLOY	1:1	X +/- X.X X.XX
FINISH	No. REQD. PER UNIT	0.1
MATT BLK.ANODISE	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	RG0 W/BL/208	



209	TITLE	DISC. REF.
LEAD SCREW END CLAMP		
MATERIAL	SCALE	TOLERANCES ±
6062 AL.ALLOY	1:1	X +/- X.X X.XX
FINISH	No. REQD. PER UNIT	0.1
MATT BLK.ANODISE	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	RG0 W/BL/209	



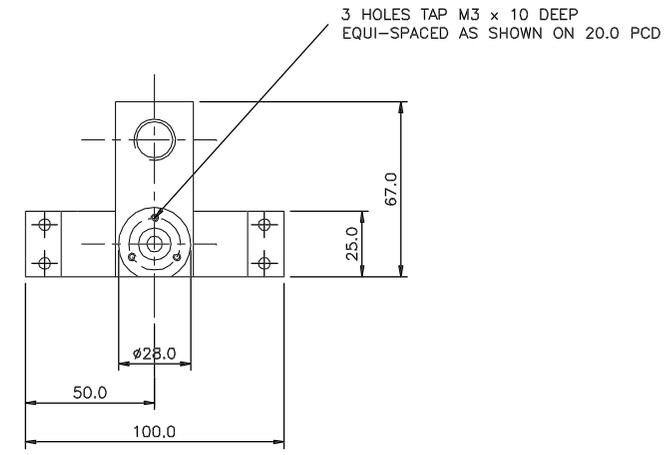
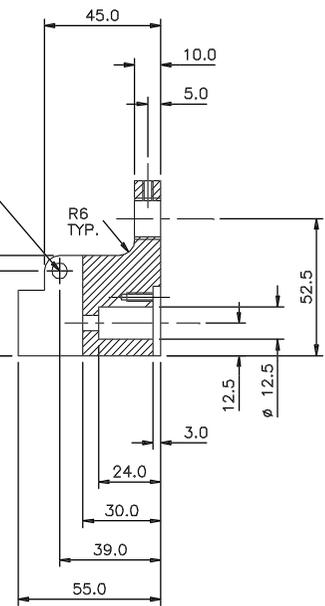
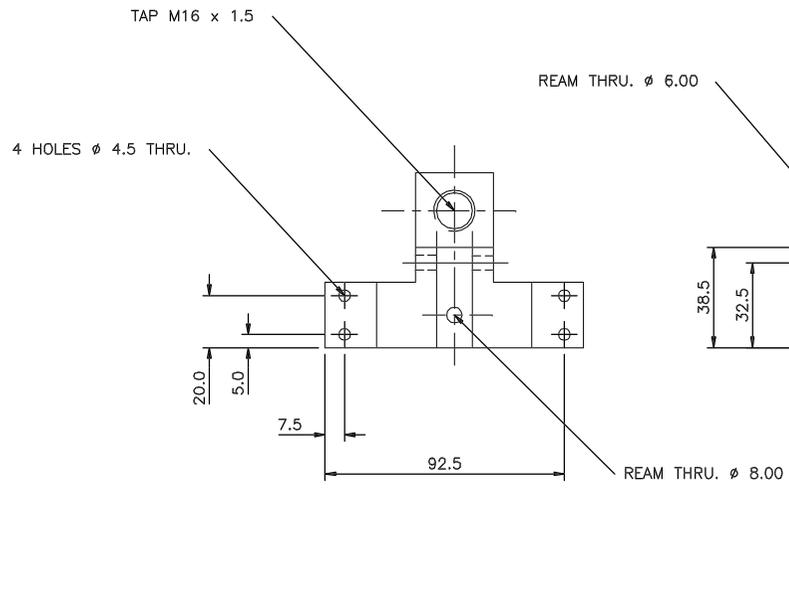
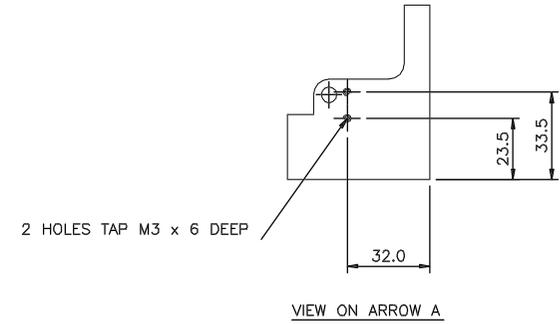
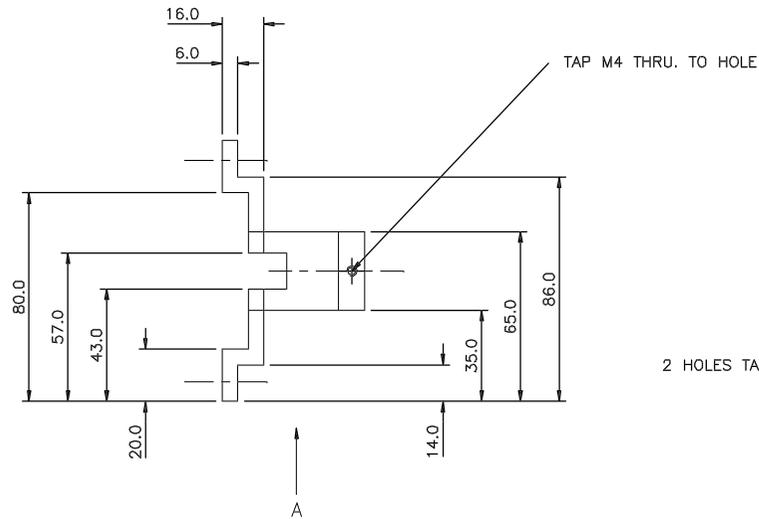
210	TITLE	DISC. REF.
MOUNTING - ENCODER		
MATERIAL	SCALE	TOLERANCES ±
6062 AL.ALLOY	1:1	X +/- X.X X.XX
FINISH	No. REQD. PER UNIT	0.1
MATT BLK.ANODISE	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	RG0 W/BL/210	



211	TITLE	DISC. REF.
BRACKET - ZERO POINT		
MATERIAL	SCALE	TOLERANCES ±
6062 AL.ALLOY	1:1	X +/- X.X X.XX
FINISH	No. REQD. PER UNIT	0.1
MATT BLK.ANODISE	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	RG0 W/BL/211	

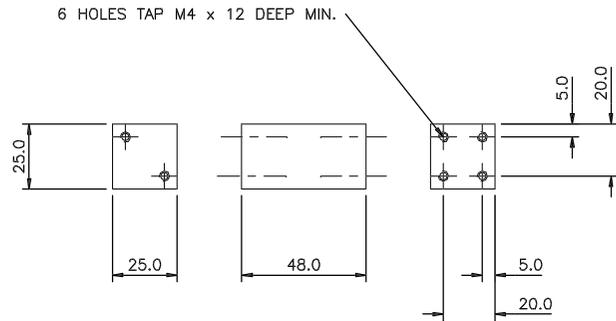
				Tolerance (Unless otherwise stated)		Material		Dimns. in m.m.		Scale		THIRD ANGLE PROJECTION		GA No.	
				X +/-								4.2m WYFFOS - SLIT UNIT		Drawing No.	
				X.X +/-		Finish		Drg.No. No.Req.		ROYAL GREENWICH OBSERVATORY		DETAILS		W/BL/208-11	
				X.XX +/-		Used on		CAMBRIDGE CB3 0EZ							
Issue Mod.No Date Drawn by				1 NOV,91 AJW											

REMOVE ALL BURRS AND SHARP EDGES

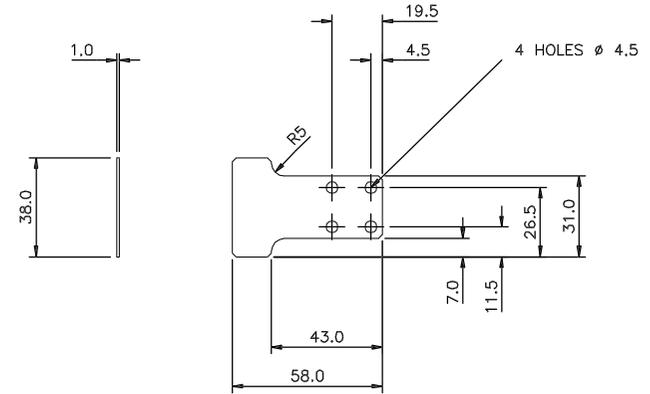


				Tolerance (Unless otherwise stated)		Material		Dimns. in m.m.		Scale 1:1		THIRD ANGLE PROJECTION		GA No. V/BL/200	
				X +/-		6082 AL ALLOY		1 OFF				Title		Drawing No.	
				X.X +/- 0,1		Finish		Drg.No. No.Req.		ROYAL GREENWICH OBSERVATORY		4.2m WYFFOS - SLIT UNIT		W/BL/212	
				X.XX +/-		MATT BLK.ANODISE		Used on		MADINGLEY ROAD		CYLINDER BRACKET - CLAMP			
Issue Mod.No Date Drawn by Issue Mod.No Date Drawn by				ANG +/-						CAMBRIDGE CB3 0EZ					

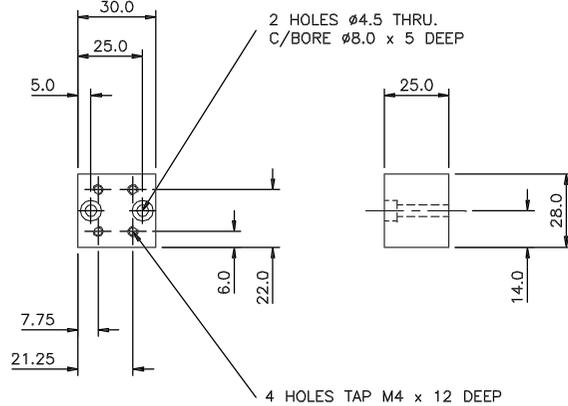
DRAWING NUMBER	No. OF SHEETS	GA ITEM No.	DRAWING TITLE OR COMPONENT NAME	No. OFF	MATERIAL STOCK OR ORDER No. AND DATE	REMARKS	ISSUE DATE	ISSUED TO	FINISH DATE
V / BL / 200	1		ASSEMBLY						
W / BL / 201	1	201	FACET PLATE	1	6082 AL.ALLOY				
/ / 202		202	Y SLIDE	1					
W / BL / 203	1	203	SLIT BASE	1					
W / BL / 204	1	204	BEARING PLATE	1					
W / BL / 205	1	205	BEARING SUPPORT	1					
W / BL / 206	1	206	BEARING BLOCK	1					
W / BL / 207	1	207	BEARING SUPPORT BRACKET	1					
W / BL / 208	1	208	MOTOR PLATE	1					
/ / 209		209	LEAD SCREW END CLAMP	1					
/ / 210		210	MOUNTING ENCODER	1					
/ / 211		211	BRACKET - ZERO POINT	1					
W / BL / 212	1	212	CYLINDER BRACKET - CLAMP	1					
W / BL / 213	1	213	CLAMP LEVER	1	ST.STL				
/ / 214		214	SPRING CAP	1	6082 AL.ALLOY				
/ / 215		215	SPRING PLUNGER	1	ST.STL				
/ / 216		216	CLAMP PAD	1	ST.STL				
/ / 217		217	BUSH	1	BRASS				
W / BL / 218	1	218	BLOCK - CLAMP VANE	1	6082 AL.ALLOY				
/ / 219		219	CLAMP VANE	1	ST.STL				
/ / 220		220	BLOCK - TOGGLE CLAMP	1	6082 AL.ALLOY				
/ / 221		221	FRICTION PAD	1	G10 FIBRE GLASS				
/ / 222		222	BACKING STRIP	1	6082 AL.ALLOY				
W / BL / 223	1	223	BASEPLATE	1	CAST AL. TOOLING PLATE				
W / BL / 224	1	224	CARRIAGE PLATE	1	6082 AL.ALLOY				
/ / 225		225	WEB	1					
/ / 226		226	SHUTTER BLADE	1					
/ / 227		227	PUSH/PULL BRACKET	1					
W / BL / 228	1	228	BEARING MOUNTING PLATE	1					
/ / 229		229	BRACKET PROXIMITY SW.	8					
/ / 230		230	SWITCH FLAG	2	MILD STEEL				
/ / 231		231	SUPPORT PILLAR	4	6082 AL.ALLOY				
W / BL / 232	1	232	STOP COLLAR	1	BRASS				
/ / 233		233	RETURN SPRING ROD	1	ST.STL				
/ / 234		234	RETURN SPRING BRACKET	1	BRASS				
/ / 235		235	CYLINDER MOUNT	1	6082 AL.ALLOY				
W / BL / 236	1	236	LATCH	1	ST.STL				
/ / 237		237	RETAINING PLATE	1	BRASS				
JOB TITLE						ASS'Y DRG No.	SHEET No.	DRAWN BY	
4.2m WYFFOS - SLIT UNIT						V/BL/200	1 OF 4	AJW	
ROYAL GREENWICH OBSERVATORY, MADINGLEY ROAD, CAMBRIDGE								DATE DEC.91	



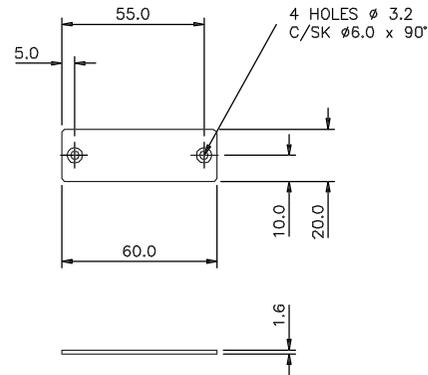
218	TITLE	DISC. REF.
	BLOCK - CLAMP VANE	
MATERIAL	SCALE	TOLERANCES ±
6062 AL. ALLOY	1:1	X +/- 0.1
FINISH	No. REQD. PER UNIT	X.X XXX
MATT BLK. ANODISE	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	W/BL/219	



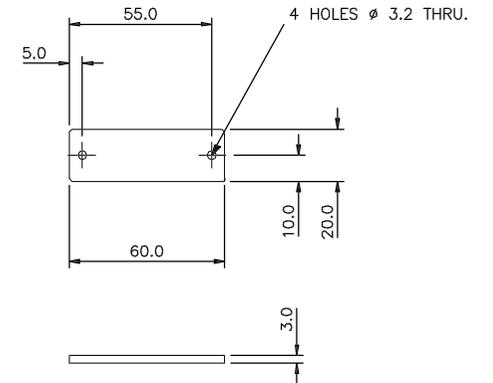
219	TITLE	DISC. REF.
	CLAMP VANE	
MATERIAL	SCALE	TOLERANCES ±
ST. STEEL	1:1	X +/- 0.1
FINISH	No. REQD. PER UNIT	X.X XXX
SHOT BLAST CLEAN	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	W/BL/220	



220	TITLE	DISC. REF.
	BLOCK - TOGGLE CLAMP	
MATERIAL	SCALE	TOLERANCES ±
6062 AL. ALLOY	1:1	X +/- 0.1
FINISH	No. REQD. PER UNIT	X.X XXX
MATT BLK. ANODISE	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	W/BL/221	



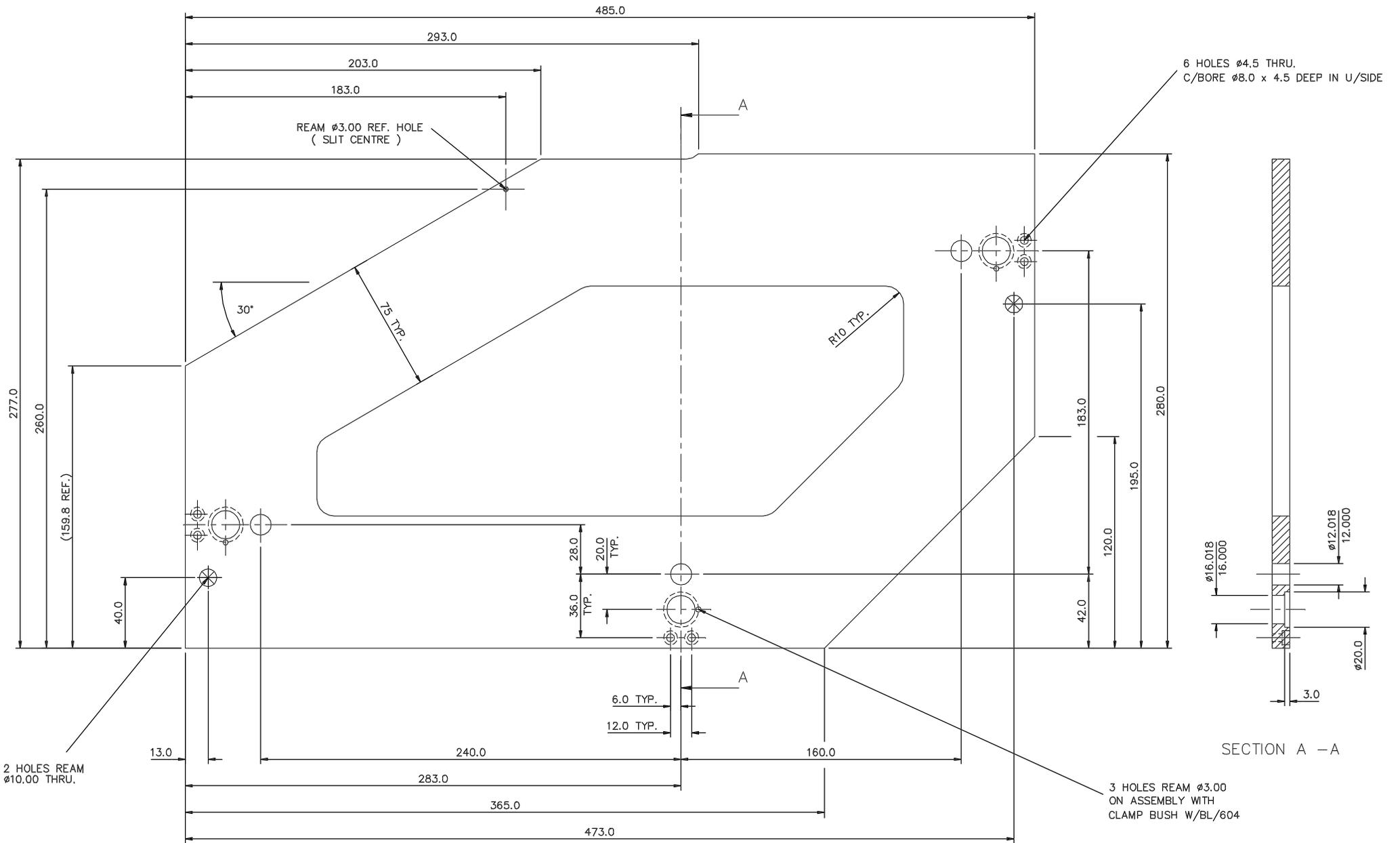
221	TITLE	DISC. REF.
	FRICITION PAD	
MATERIAL	SCALE	TOLERANCES ±
G10 GLASS FIBRE	1:1	X +/- 0.1
FINISH	No. REQD. PER UNIT	X.X XXX
CLEAN	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	W/BL/222	



222	TITLE	DISC. REF.
	BACKING STRIP	
MATERIAL	SCALE	TOLERANCES ±
6062 AL. ALLOY	1:1	X +/- 0.1
FINISH	No. REQD. PER UNIT	X.X XXX
MATT BLK. ANODISE	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	W/BL/223	

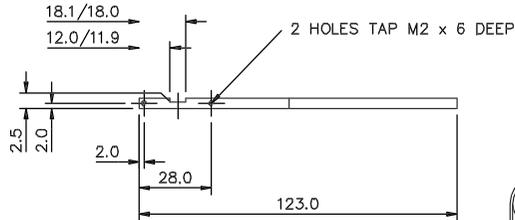
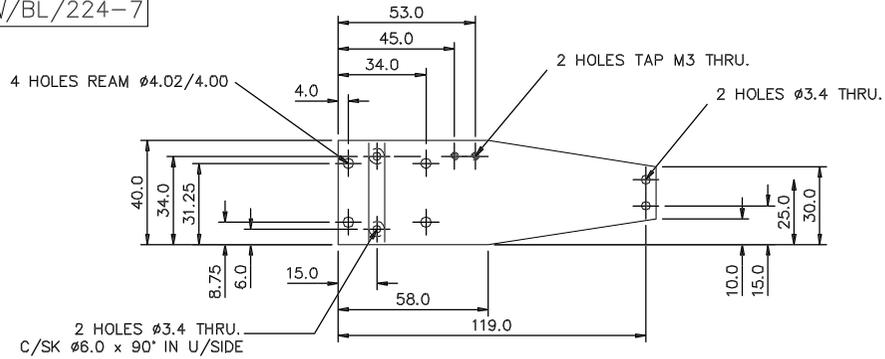
				Tolerance (Unless otherwise stated)		Material		Dimns. in m.m.		Scale		THIRD ANGLE PROJECTION		GA No.	
				X +/-		ROYAL GREENWICH OBSERVATORY		1:1		Title		4.2m WYFFOS - SLIT UNIT		Drawing No.	
				X.X +/-		MADINGLEY ROAD		X.X XXX		Used on		CAMBRIDGE CB3 0EZ		W/BL/218-22	
				X.XX +/-											
				ANG. +/-											
Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by								
				1		DEC.91	AJW								

REMOVE ALL BURRS AND SHARP EDGES

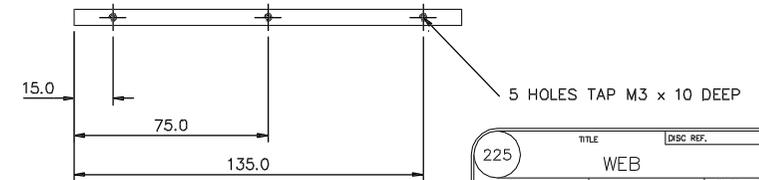
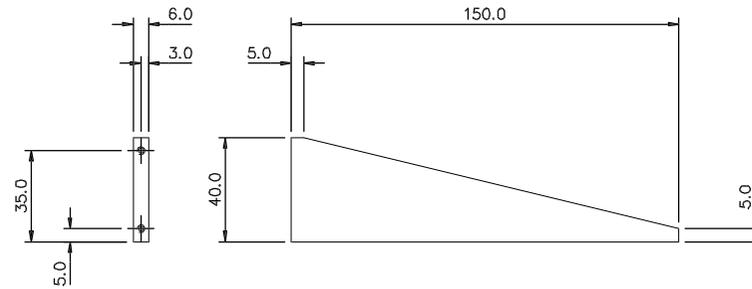


				Tolerance (Unless otherwise stated)		Material		Dimns. in m.m.		Scale 1:1		THIRD ANGLE PROJECTION		GA No. V/BL/200	
				X +/- .1		CAST AL. TOOLING PL.		1 OFF		ROYAL GREENWICH OBSERVATORY		Title		Drawing No.	
				XX +/- 0.01		Finish		Drg.No. No.Req.		MADINGLEY ROAD		4.2m WYFFOS - SLIT UNIT		W/BL/223	
				ANG: +/- .5°		MATT BLK. ANODISE		Used on		CAMBRIDGE CB3 0EZ		BASEPLATE			
Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by								
				1		NOV.91	AJW								

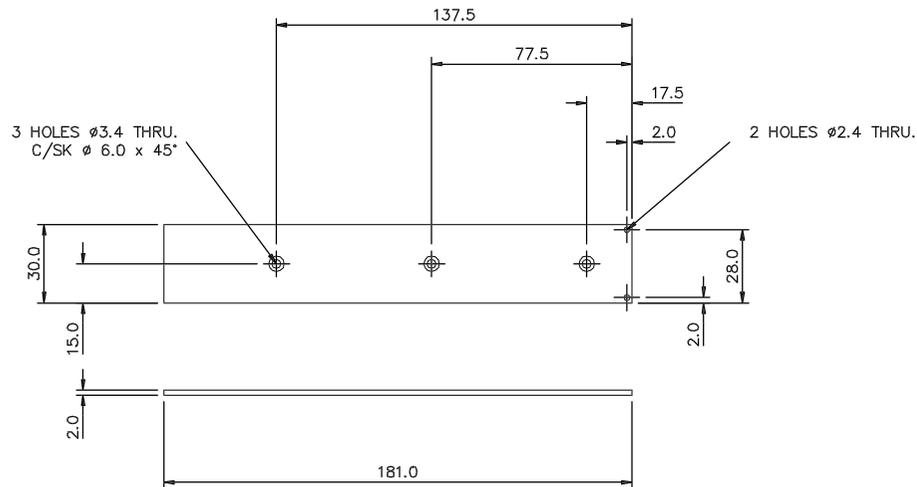
Drawing No.  
W/BL/224-7



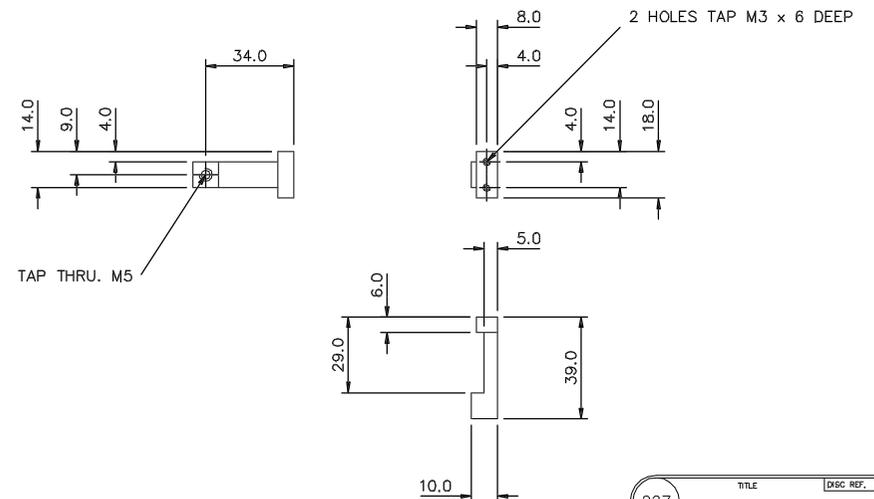
224	TITLE	DISC REF.
CARRIAGE PLATE		
MATERIAL	SCALE	TOLERANCES $\pm$
6062 AL.ALLOY	1:1	X 0.1 X.X X.XX
FINISH	No. REQD. PER UNIT	
MATT BLK.ANODISE	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	RGD W/BL/224	



225	TITLE	DISC REF.
WEB		
MATERIAL	SCALE	TOLERANCES $\pm$
6062 AL.ALLOY	1:1	X 0.1 X.X X.XX
FINISH	No. REQD. PER UNIT	
MATT BLK.ANODISE	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	RGD W/BL/225	



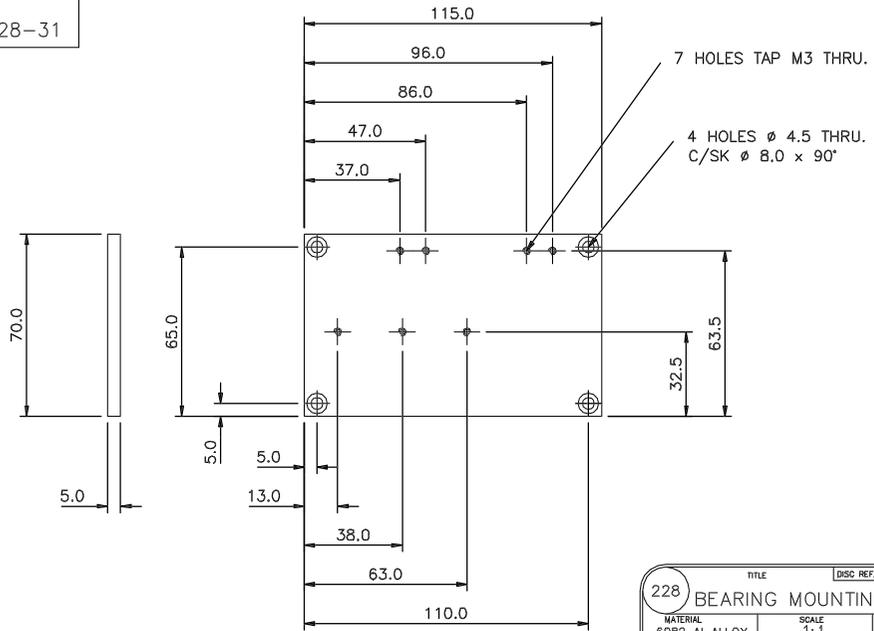
226	TITLE	DISC REF.
SHUTTER BLADE		
MATERIAL	SCALE	TOLERANCES $\pm$
6062 AL.ALLOY	1:1	X 0.1 X.X X.XX
FINISH	No. REQD. PER UNIT	
MATT BLK.ANODISE	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	RGD W/BL/224	



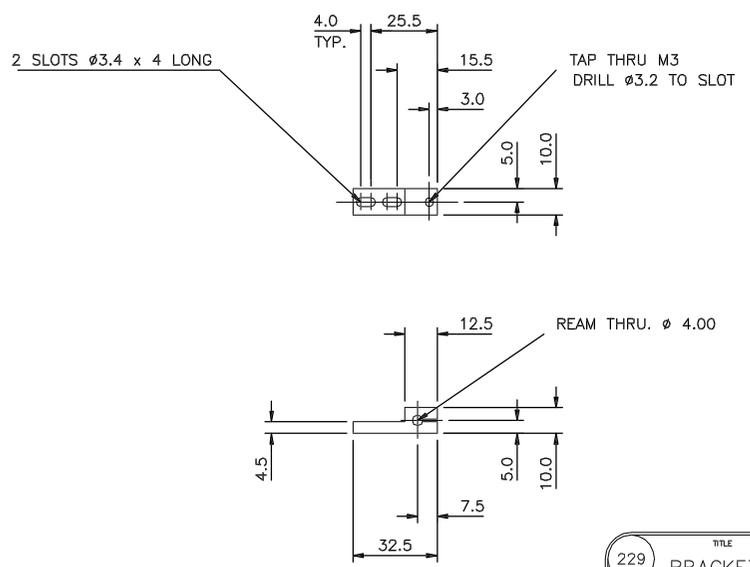
227	TITLE	DISC REF.
PUSH/PULL BRACKET		
MATERIAL	SCALE	TOLERANCES $\pm$
6062 AL.ALLOY	1:1	X 0.1 X.X X.XX
FINISH	No. REQD. PER UNIT	
MATT BLK.ANODISE	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	RGD W/BL/227	

				Tolerance (Unless otherwise stated)		Material		Dimns.in m.m.		Scale		THIRD ANGLE PROJECTION		GA No.	
				X +/-		ROYAL GREENWICH OBSERVATORY		Title		4.2m WYFFOS - SLIT UNIT		Drawing No.		W/BL/224-7	
				X.X +/-		MADINGLEY ROAD		Drg.No. No.Req.		CAMBRIDGE CB3 0EZ					
				X.XX +/-				Used on							
				ANG: +/-											
Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by								
				1		DEC.91	AJW								

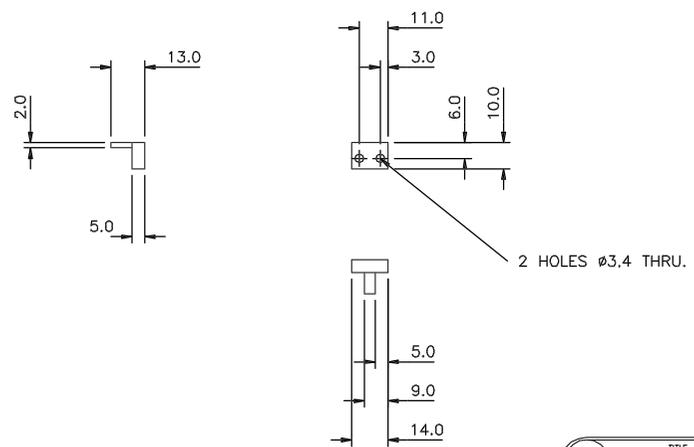
Drawing No.  
W/BL/228-31



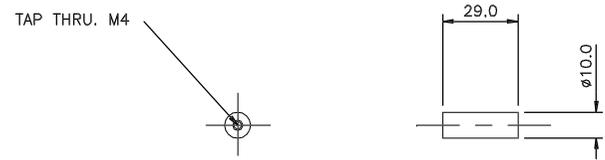
228		TITLE	DISC. REF.
BEARING MOUNTING PLATE			
MATERIAL	SCALE	TOLERANCES ±	
6062 AL.ALLOY	1:1	X	0.1
FINISH	No. REQD. PER UNIT	X.X	
MATT.BLK.ANODISE	1 OFF	X.XX	
G.A. No.	DRAWING No.		
V/BL/200	W/BL/228		



229		TITLE	DISC. REF.
BRACKET PROX. SW.			
MATERIAL	SCALE	TOLERANCES ±	
6062 AL.ALLOY	1:1	X	0.1
FINISH	No. REQD. PER UNIT	X	
MATT.BLK.ANODISE	8 OFF	X.X	
G.A. No.	DRAWING No.		
V/BL/200	W/BL/229		



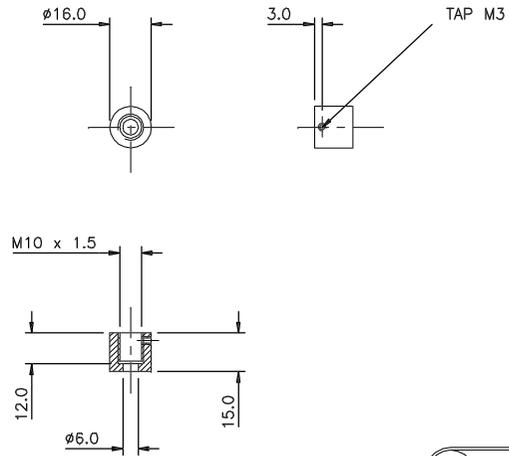
230		TITLE	DISC. REF.
SWITCH FLAG			
MATERIAL	SCALE	TOLERANCES ±	
MILD STEEL	1:1	X	0.1
FINISH	No. REQD. PER UNIT	X	
BLK.NICKEL PL.	2 OFF	X.X	
G.A. No.	DRAWING No.		
V/BL/200	W/BL/230		



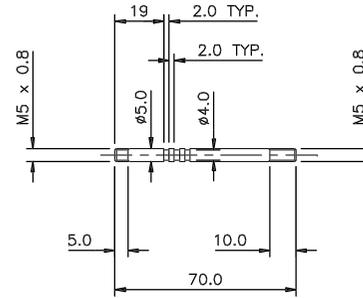
231		TITLE	DISC. REF.
SUPPORT PILLAR			
MATERIAL	SCALE	TOLERANCES ±	
6062 AL.ALLOY	1:1	X	0.1
FINISH	No. REQD. PER UNIT	X	
MATT.BLK.ANODISE	4 OFF	X.X	
G.A. No.	DRAWING No.		
V/BL/200	W/BL/231		

				Tolerance (Unless otherwise stated)		Material		Dimns.in m.m.		Scale		THIRD ANGLE PROJECTION		GA No.	
				X +/-		ROYAL GREENWICH OBSERVATORY		Title		4.2m WYFFOS - SLIT UNIT		Drawing No.		W/BL/228-31	
				X.X +/-		MADINGLEY ROAD		Drg.No.		CAMBRIDGE CB3 0EZ					
				X.XX +/-		Used on									
				ANG. +/-											
Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by								
				1		DEC.91	AJW								

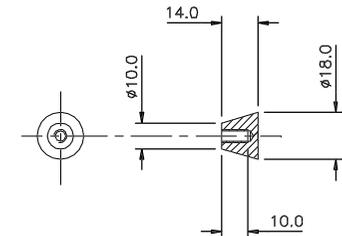
Drawing No.  
W/BL/232-5



232		TITLE		DISC REF.	
STOP COLLAR					
MATERIAL	SCALE	TOLERANCES		±	
BRASS	1:1	X	0.1		
FINISH	No. REQD. PER UNIT	X.X			
BLK.NICKEL PL	1 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	RGD	W/BL/232			

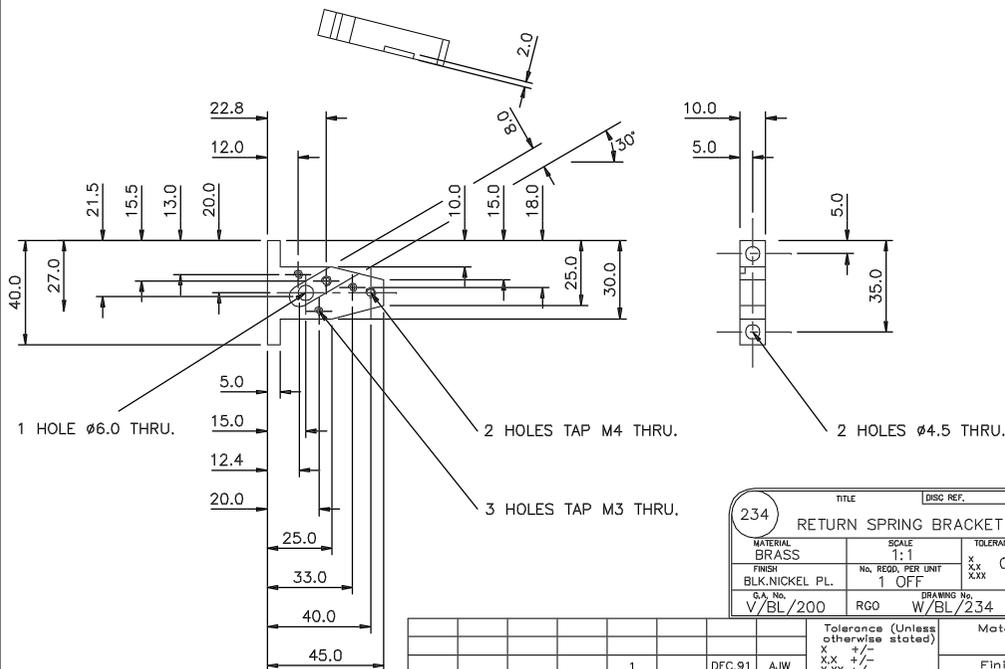


MAT'L - ST. STEEL

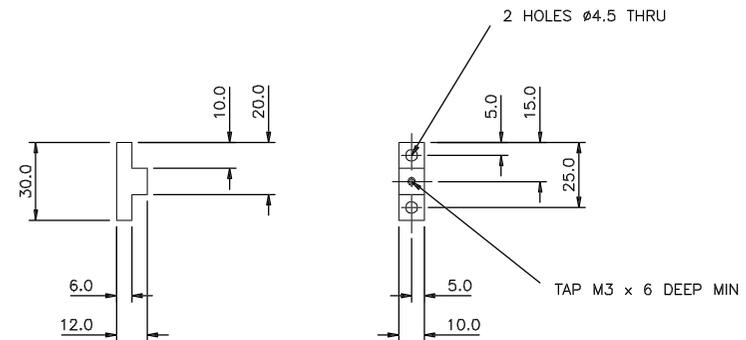


MAT'L - DELRIN

233		TITLE		DISC REF.	
RETURN SPRING ROD					
MATERIAL	SCALE	TOLERANCES		±	
SEE NOTE	1:1	X	0.1		
FINISH	No. REQD. PER UNIT	X.X			
CLEAN	1 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	RGD	W/BL/233			



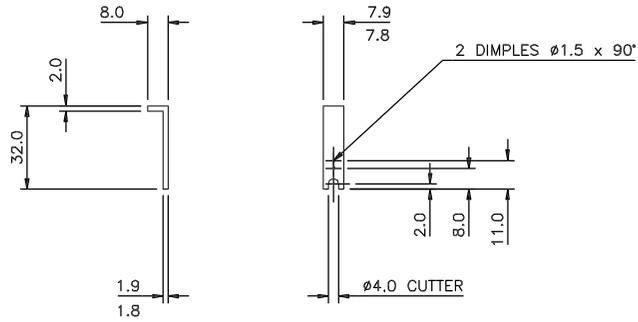
234		TITLE		DISC REF.	
RETURN SPRING BRACKET					
MATERIAL	SCALE	TOLERANCES		±	
BRASS	1:1	X	0.1		
FINISH	No. REQD. PER UNIT	X.X			
BLK.NICKEL PL.	1 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	RGD	W/BL/234			



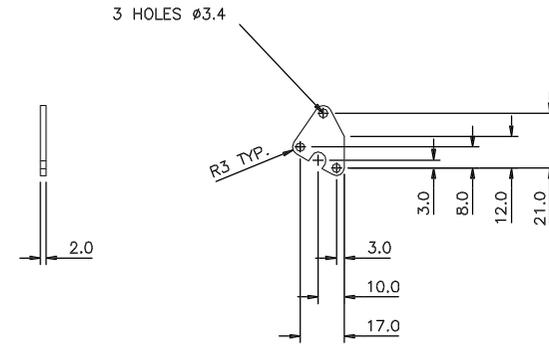
235		TITLE		DISC REF.	
CYLINDER MOUNT					
MATERIAL	SCALE	TOLERANCES		±	
6082 AL.ALLOY	1:1	X	0.1		
FINISH	No. REQD. PER UNIT	X.X			
MATT.BLK.ANODISE	1 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	RGD	W/BL/235			

				Tolerance (Unless otherwise stated)		Material		Dimns. in m.m.		Scale		THIRD ANGLE PROJECTION		GA No. V/BL/200	
				X +/-		Finish		ROYAL GREENWICH OBSERVATORY		Title		4.2m WYFFOS - SLIT UNIT		Drawing No.	
				X.X +/-		Drg.No. No.Req.		ROYAL GREENWICH OBSERVATORY				DETAILS		W/BL/232-5	
				X.XX +/-		Used on		MADINGLEY ROAD							
				ANG. +/-				CAMBRIDGE		CB3 0EZ					
Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by								
				1		DEC.91	AJW								

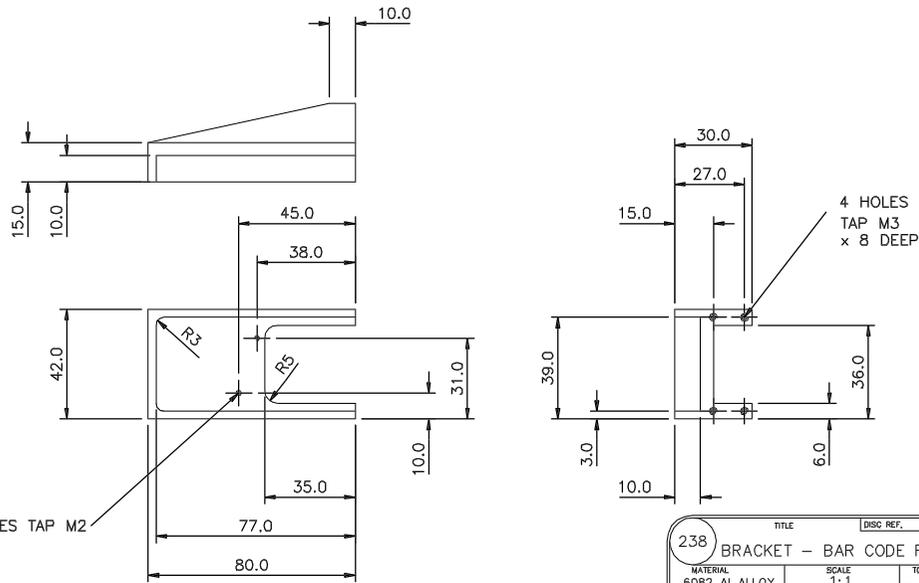
Drawing No.  
W/BL/236-40



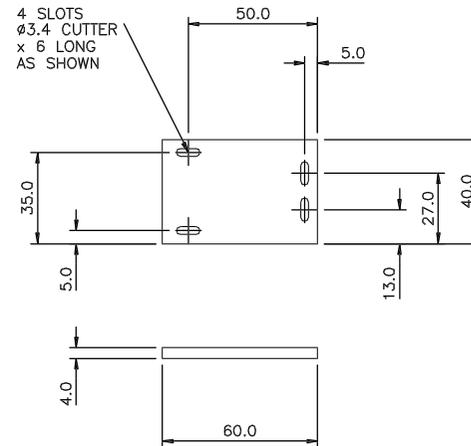
236	TITLE	DISC. REF.
LATCH		
MATERIAL ST. STEEL	SCALE 1:1	TOLERANCES ± X +/- X.X X.XX
FINISH CLEAN	No. REQD. PER UNIT 1 OFF	0.1
G.A. No. V/BL/200	RGD	DRAWING No. W/BL/236



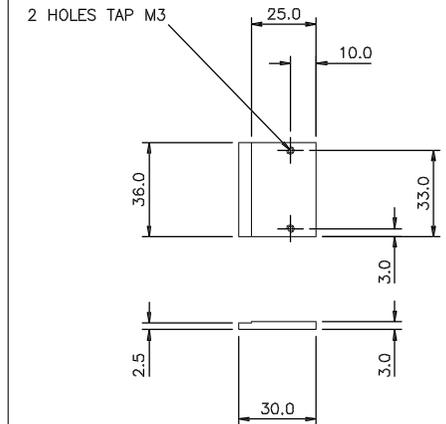
237	TITLE	DISC. REF.
RETAINING PLATE		
MATERIAL BRASS	SCALE 1:1	TOLERANCES ± X +/- X.X X.XX
FINISH BL. NICKEL PL.	No. REQD. PER UNIT 1 OFF	0.1
G.A. No. V/BL/200	RGD	DRAWING No. W/BL/237



238	TITLE	DISC. REF.
BRACKET - BAR CODE READER		
MATERIAL 6082 AL. ALLOY	SCALE 1:1	TOLERANCES ± X +/- X.X X.XX
FINISH MATT BLK. ANODISE	No. REQD. PER UNIT 1 OFF	0.1
G.A. No. V/BL/200	RGD	DRAWING No. W/BL/238

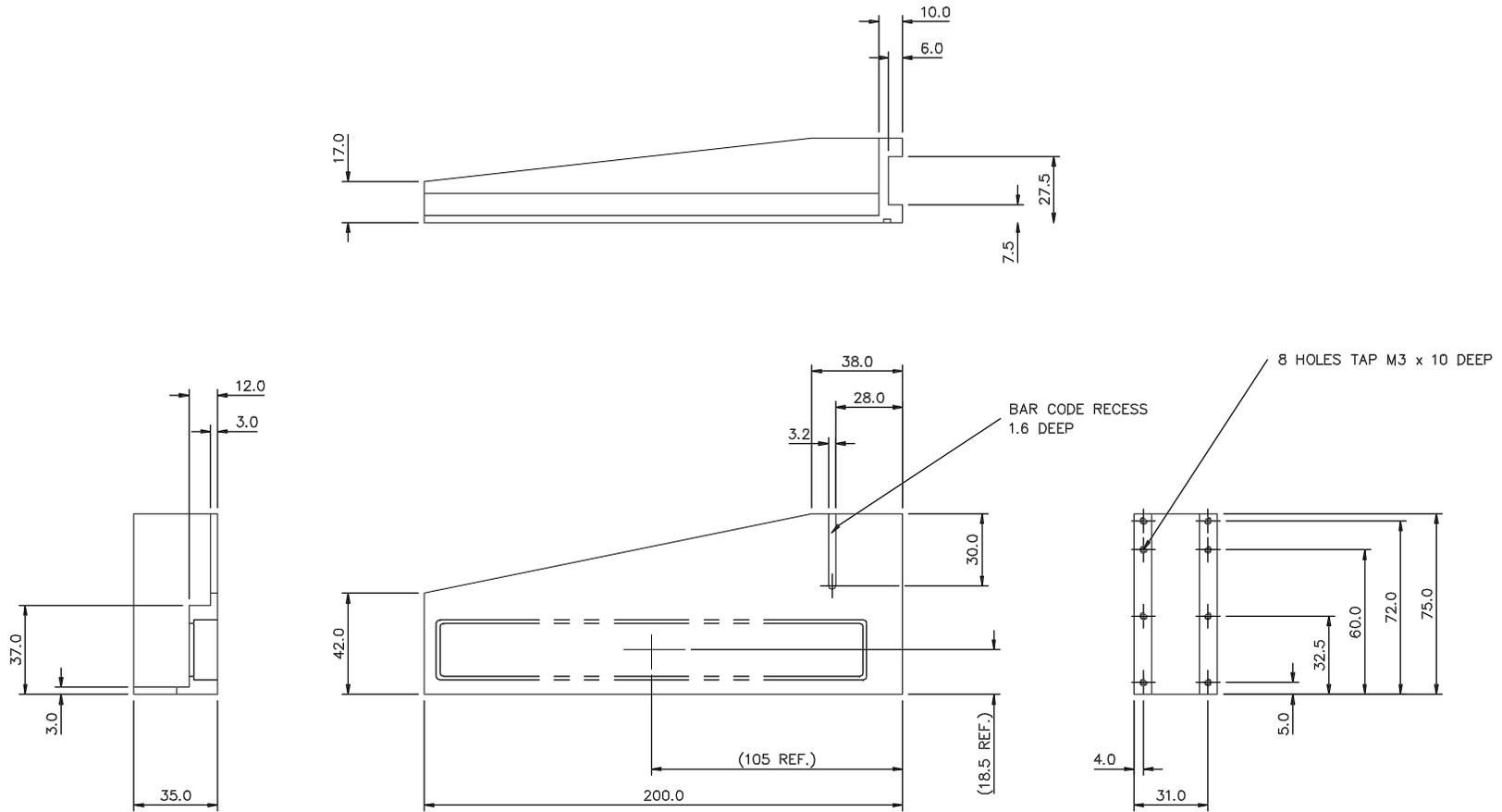


239	TITLE	DISC. REF.
BAR CODE MOUNT		
MATERIAL 6082 AL. ALLOY	SCALE 1:1	TOLERANCES ± X +/- X.X X.XX
FINISH MATT BLK. ANODISE	No. REQD. PER UNIT 1 OFF	0.1
G.A. No. V/BL/200	RGD	DRAWING No. W/BL/239



240	TITLE	DISC. REF.
BAR CODE PLATE		
MATERIAL 6082 AL. ALLOY	SCALE 1:1	TOLERANCES ± X +/- X.X X.XX
FINISH MATT BLK. ANODISE	No. REQD. PER UNIT 1 OFF	0.1
G.A. No. V/BL/200	RGD	DRAWING No. W/BL/240

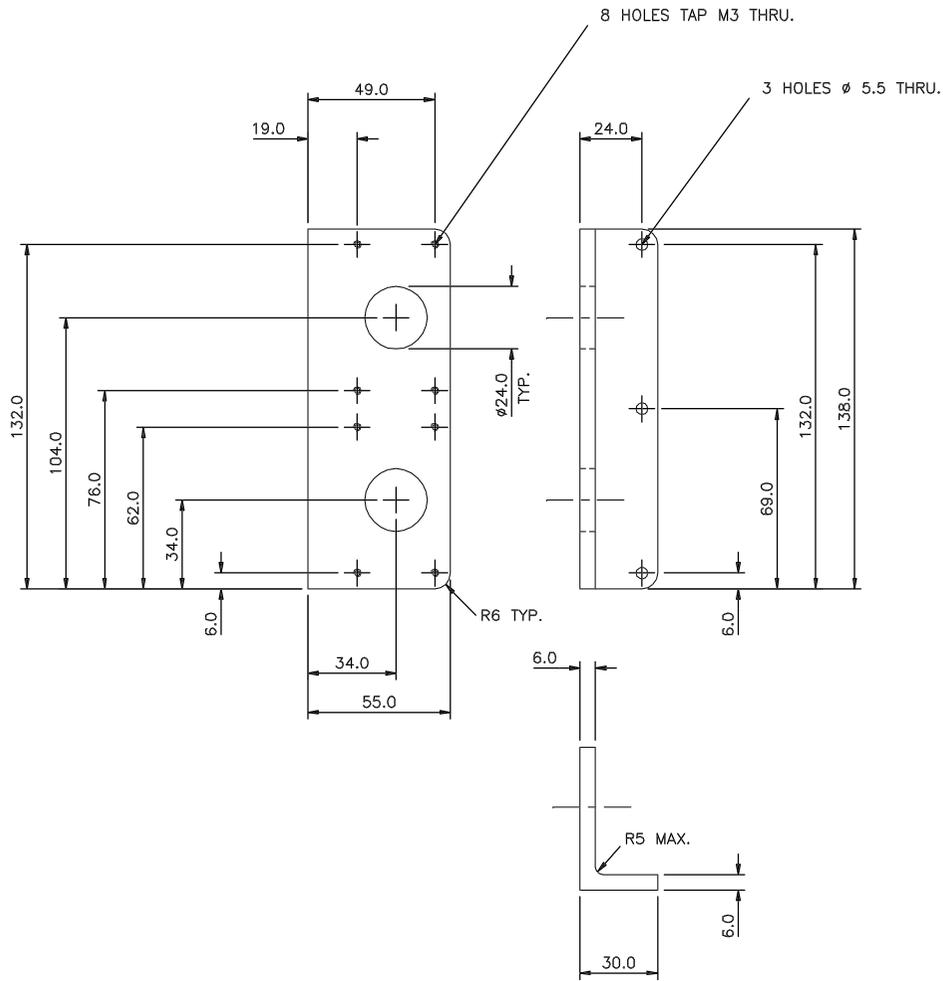
				Tolerance (Unless otherwise stated)		Material		Dimns. in m.m.		Scale		THIRD ANGLE PROJECTION		GA No. V/BL/200	
				X +/-		ROYAL GREENWICH OBSERVATORY		Title		4.2m WYFFOS - SLIT UNIT		Drawing No.		W/BL/236-40	
				X.X +/-		MADINGLEY ROAD		Drg. No.							
				X.XX +/-		CAMBRIDGE CB3 0EZ		No. Req.							
				ANG: +/-				Used on							
Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by								
				1		DEC.91	AJW								



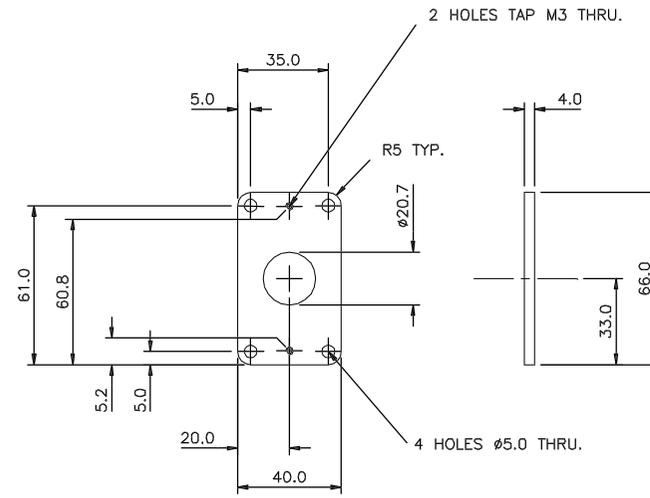
DIMENSIONS OF FILTER RECESS TO BE DETERMINED

								Tolerance (Unless otherwise stated)		Material		Dimns. in m.m.		Scale 1:1		THIRD ANGLE PROJECTION		GA No. V/BL/200	
								X +/-		6082 AL.ALLOY						Title		Drawing No.	
								X.X +/- 0.1		Finish		Drg.No. No.Req.		ROYAL GREENWICH OBSERVATORY					
								X.XX +/-		MATT BLK.ANODISE		Used on		MADINGLEY ROAD		4.2m WYFFOS - SLIT UNIT		W/BL/241	
								ANG +/-				CAMBRIDGE CB3 0EZ		FILTER HOLDER					
Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by												
	1	DEC.91	AJW																

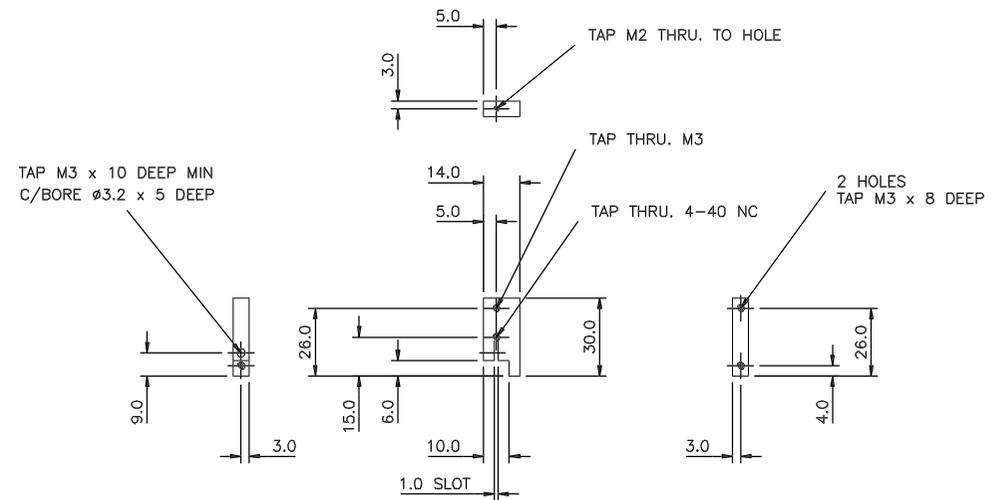




246	TITLE	DISC REF.
MOTOR BRACKET		
MATERIAL	SCALE	TOLERANCES
6062 AL. ALLOY	1:1	$\pm$ 0.1
FINISH	No. REQ. PER UNIT	X XX
MATT BLK. ANODISE	1 OFF	X XX
G.A. No.	DRAWING No.	
V/BL/200	RGD	W/BL/246

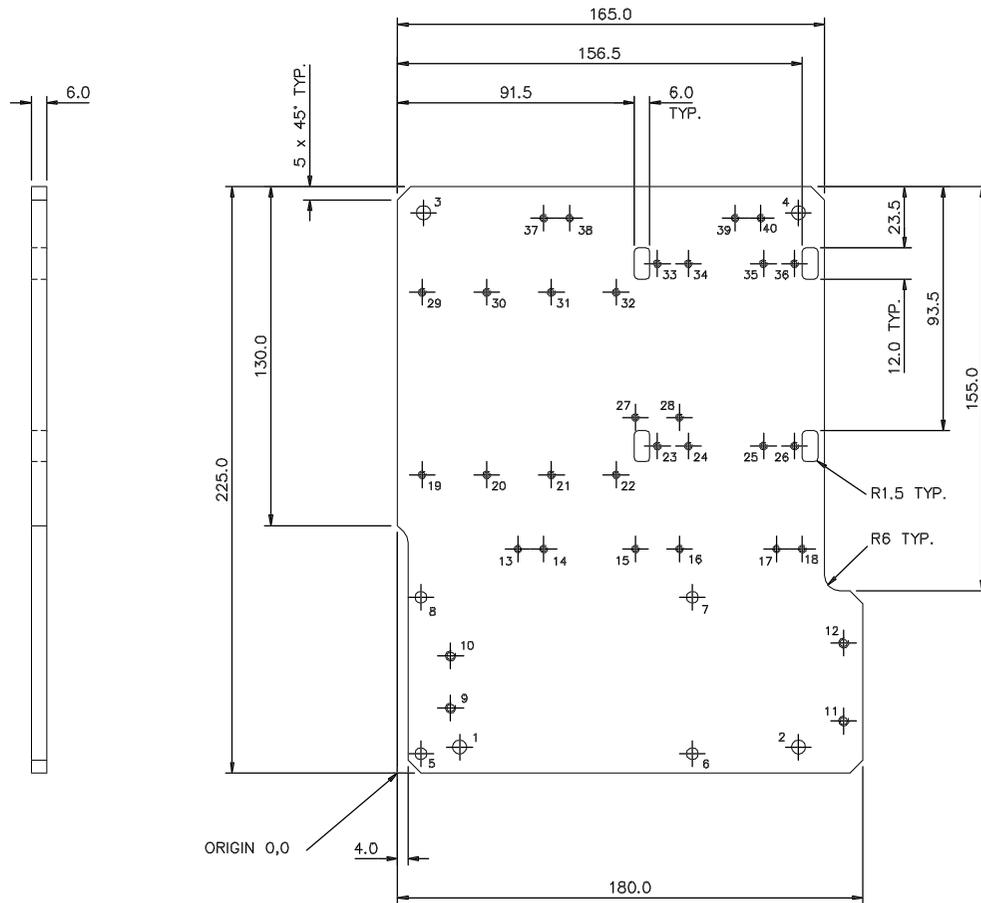


247	TITLE	DISC REF.
MOTOR PLATE		
MATERIAL	SCALE	TOLERANCES
6062 AL. ALLOY	1:1	$\pm$ 0.1
FINISH	No. REQ. PER UNIT	X XX
MATT BLK. ANODISE	2 OFF	X XX
G.A. No.	DRAWING No.	
V/BL/200	RGD	W/BL/247



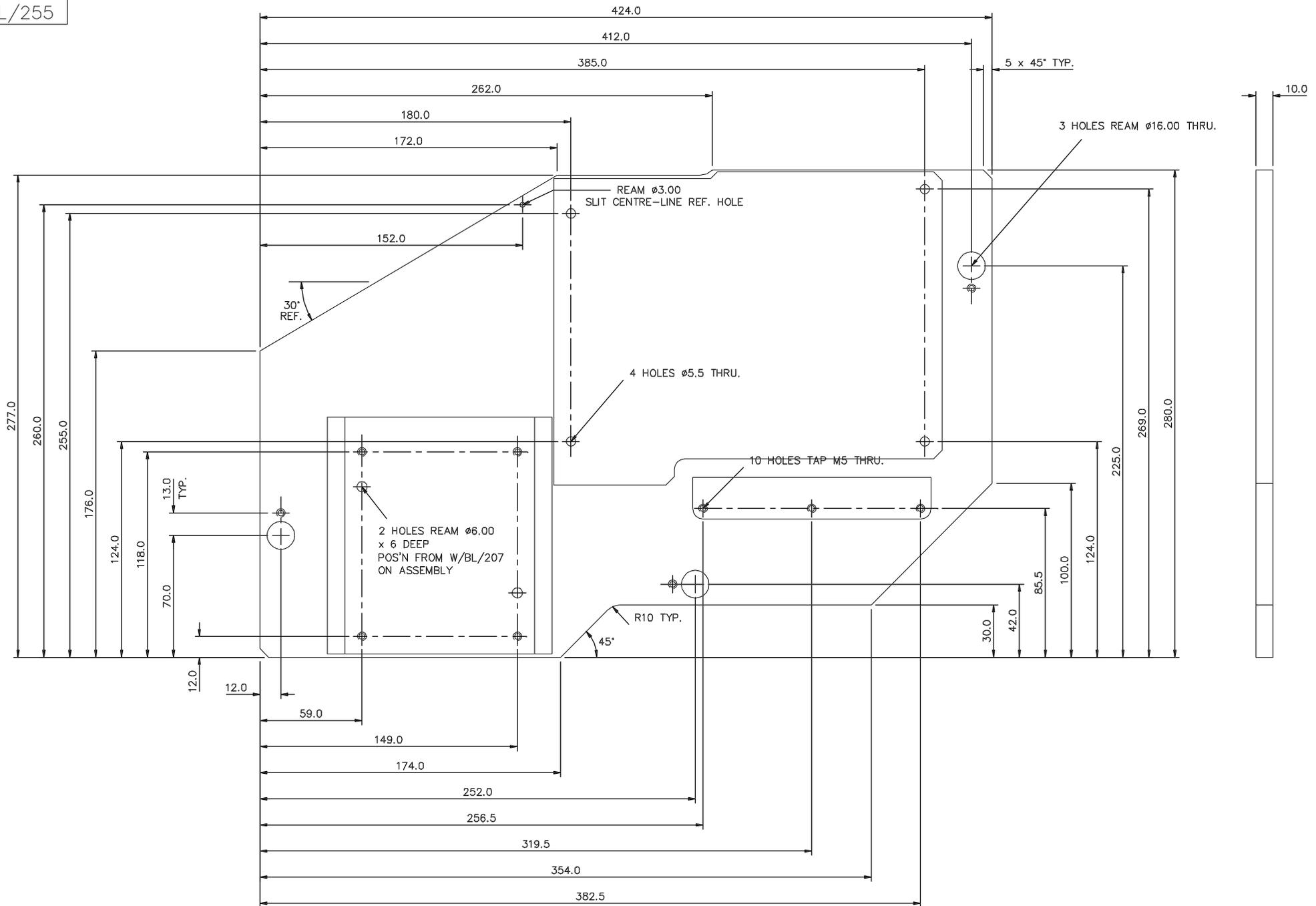
248	TITLE	DISC REF.
MOTOR SCREW END BRACKET		
MATERIAL	SCALE	TOLERANCES
6062 AL. ALLOY	1:1	$\pm$ 0.1
FINISH	No. REQ. PER UNIT	X XX
MATT BLK. ANODISE	2 OFF	X XX
G.A. No.	DRAWING No.	
V/BL/200	RGD	W/BL/248

Tolerance (Unless otherwise stated)				Material		Dimns. in m.m.		Scale		THIRD ANGLE PROJECTION		GA No.	
X	+	-								Title		Drawing No.	
X.X	+	-		Finish	Drg.No.	No.Req.	ROYAL GREENWICH OBSERVATORY		4.2m WYFFOS - SLIT UNIT		W/BL/246-8		
X.XX	+	-			Used on		MADINGLEY ROAD		DETAILS				
ANG.	+	-					CAMBRIDGE CB3 0EZ						



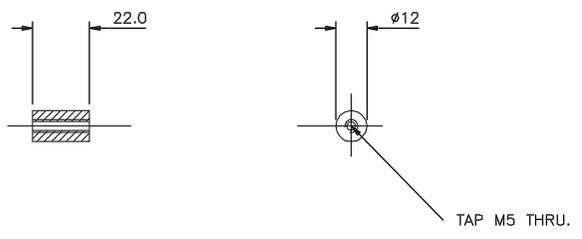
HOLE REF.	CO-ORDINATES X	CO-ORDINATES Y	DESCRIPTION
1	24.0	10.0	∅ 5.5 THRU.
2	155.0	10.0	—  —
3	10.0	215.0	—  —
4	155.0	215.0	—  —
5	9.0	7.5	∅ 4.5 THRU.
6	114.0	7.5	—  —
7	114.0	67.5	—  —
8	9.0	67.5	—  —
9	20.5	25.0	TAP M4 THRU.
10	20.5	45.0	—  —
11	172.5	20.0	—  —
12	172.5	50.0	—  —
13	46.5	86.0	TAP M3 THRU.
14	56.5	86.0	—  —
15	92.0	86.0	—  —
16	109.0	86.0	—  —
17	146.5	86.0	—  —
18	156.5	86.0	—  —
19	9.5	114.5	—  —
20	34.5	114.5	—  —
21	59.5	114.5	—  —
22	84.5	114.5	—  —
23	100.5	125.5	—  —
24	112.5	125.5	—  —
25	141.5	125.5	—  —
26	153.5	125.5	—  —
27	92.0	136.5	—  —
28	109.0	136.5	—  —
29	9.5	184.5	—  —
30	34.5	184.5	—  —
31	59.5	184.5	—  —
32	84.5	184.5	—  —
33	100.5	195.5	—  —
34	112.5	195.5	—  —
35	141.5	195.5	—  —
36	153.5	195.5	—  —
37	56.5	213.0	—  —
38	66.5	213.0	—  —
39	130.5	213.0	—  —
40	140.5	213.0	—  —

				Tolerance (Unless otherwise stated)		Material		Dimns.in m.m.		Scale 1:1		THIRD ANGLE PROJECTION		GA No. V/BL/200	
				X +/- 0.3		6082 AL,ALLOY		1 OFF		ROYAL GREENWICH OBSERVATORY		Title		Drawing No.	
				X.X +/- 0.1		Finish		Drg.No. No.Req.		MADINGLEY ROAD		4.2m WYFFOS- SLIT UNIT		W/BL/254	
				X.XX +/-		MATT BLK,ANODISE		Used on		CAMBRIDGE CB3 0EZ		SUB PLATE FILTERS & SHUTTER			
Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by								
				1		DEC.91	AJW								

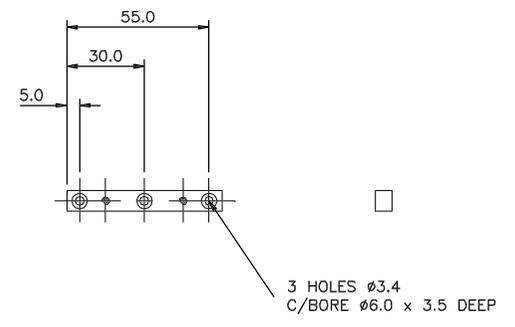


				Tolerance (Unless otherwise stated)		Material		Dimns. in m.m.		Scale 1:1		THIRD ANGLE PROJECTION		GA No. V/BL/200	
				X +/-		CAST AL TOOLING PL		1 OFF				Title		Drawing No.	
				X.X +/- 0.1		Finish		Drg.No. No.Req.		ROYAL GREENWICH OBSERVATORY		4.2m WYFFOS - SLIT UNIT		W/BL/255	
				X.XX +/- 0.05		MATT BLK. ANODISE		Used on		MADINGLEY ROAD		MOUNTING PLATE			
				ANG +/-						CAMBRIDGE					
Issue Mod.No Date Drawn by Issue Mod.No Date Drawn by										CB3 0EZ					

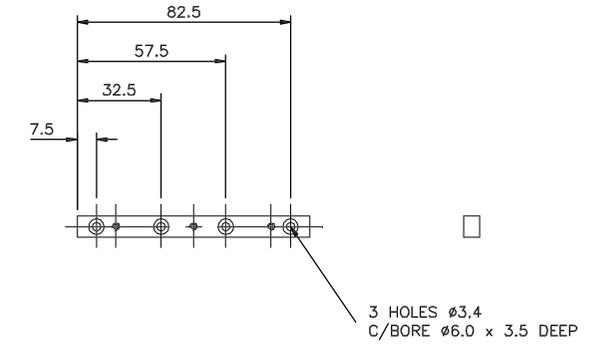
Drawing No.  
W/BL/256-61



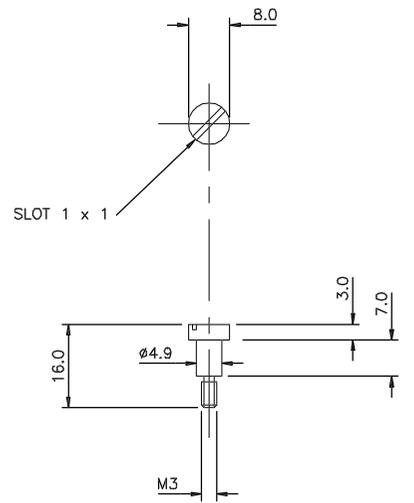
256		TITLE		DISC REF.	
SPACER					
MATERIAL	SCALE	TOLERANCES ±			
6082 AL.ALLOY	1:1	X	+	-	0.1
FINISH	No. REQD. PER UNIT	X	+	-	X,XX
MATT BLK.ANODISE	4 OFF	X,XX	+	-	
G.A. No.	DRAWING No.				
V/BL/200	W/BL/256				



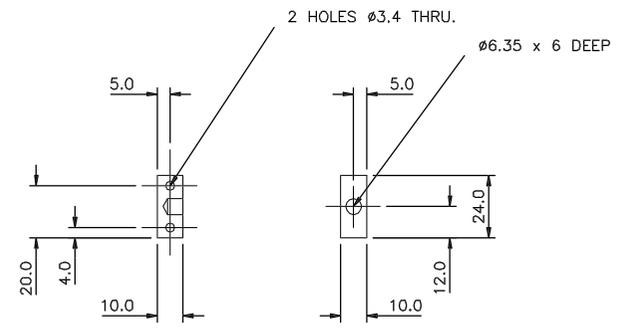
257		TITLE		DISC REF.	
MODS. TO BACKING PLATE					
MATERIAL	SCALE	TOLERANCES ±			
HEPCO MBP/60/12	1:1	X	+	-	0.1
FINISH	No. REQD. PER UNIT	X	+	-	X,XX
CLEAN	1 OFF	X,XX	+	-	
G.A. No.	DRAWING No.				
V/BL/200	W/BL/257				



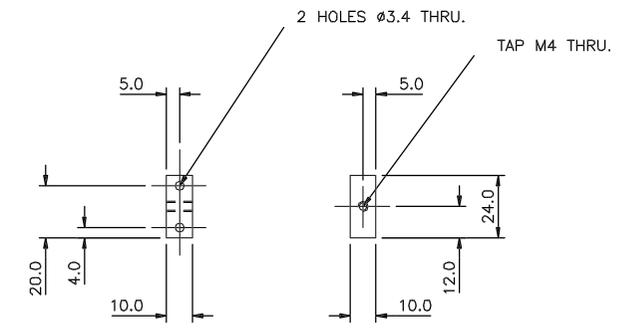
258		TITLE		DISC REF.	
MODS. TO BACKING PLATE					
MATERIAL	SCALE	TOLERANCES ±			
HEPCO MBP/60/12	1:1	X	+	-	0.1
FINISH	No. REQD. PER UNIT	X	+	-	X,XX
CLEAN	2 OFF	X,XX	+	-	
G.A. No.	DRAWING No.				
V/BL/200	W/BL/258				



259		TITLE		DISC REF.	
SHOULDER SCREW					
MATERIAL	SCALE	TOLERANCES ±			
ST.STL	2:1	X	+	-	0.1
FINISH	No. REQD. PER UNIT	X	+	-	X,XX
CLEAN	1 OFF	X,XX	+	-	
G.A. No.	DRAWING No.				
V/BL/200	W/BL/259				



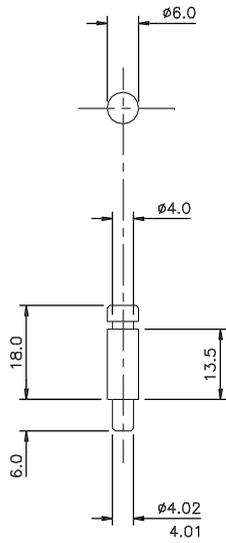
260		TITLE		DISC REF.	
SPRING BLOCK					
MATERIAL	SCALE	TOLERANCES ±			
6082 AL.ALLOY	1:1	X	+	-	0.1
FINISH	No. REQD. PER UNIT	X	+	-	X,XX
MATT BLK.ANODISE	2 OFF	X,XX	+	-	
G.A. No.	DRAWING No.				
V/BL/200	W/BL/261				



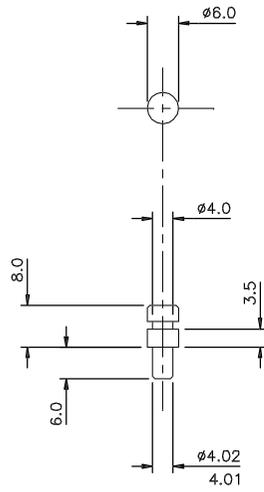
261		TITLE		DISC REF.	
ADJUSTER BLOCK					
MATERIAL	SCALE	TOLERANCES ±			
6082 AL.ALLOY	1:1	X	+	-	0.1
FINISH	No. REQD. PER UNIT	X	+	-	X,XX
MATT BLK.ANODISE	1 OFF	X,XX	+	-	
G.A. No.	DRAWING No.				
V/BL/200	W/BL/261				

Issue		Date		Drawn by		Issue		Date		Drawn by		Tolerance (Unless otherwise stated)		Material		Dimns. in m.m.		Scale		THIRD ANGLE PROJECTION		GA No. V/BL/200	
		DEC.91		AJW								X +/-		ROYAL GREENWICH OBSERVATORY		1:1		Title		4.2m WYFFOS - SLIT UNIT		Drawing No.	
												X.X +/-		MADINGLEY ROAD						DETAILS		W/BL/256-61	
												X.XX +/-		CAMBRIDGE		CB3 0EZ							
												ANG. +/-											

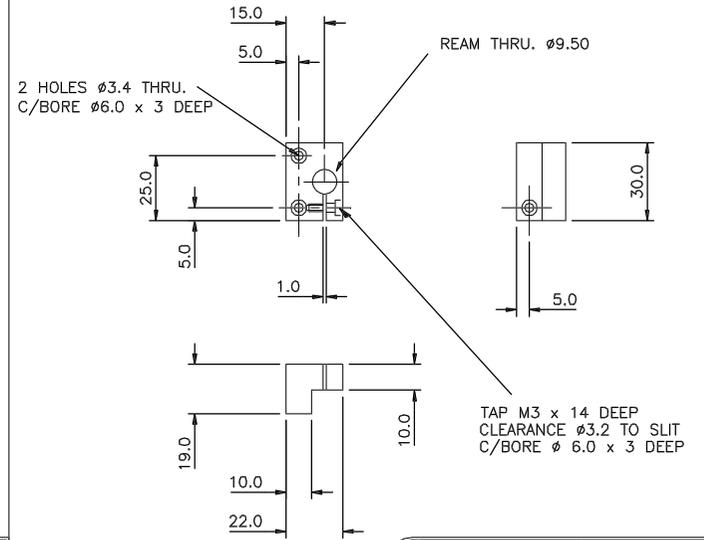
Drawing No.  
W/BL/262-7



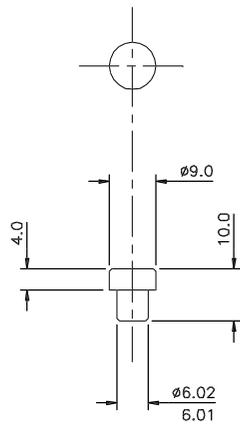
262		TITLE		DISC. REF.	
SPRING POST					
MATERIAL	SCALE	TOLERANCES ±			
ST.STL.	2:1	X	0.1		
FINISH	No. REQD. PER UNIT	X.X			
BLK.NICKEL PL	1 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	W/BL/262				



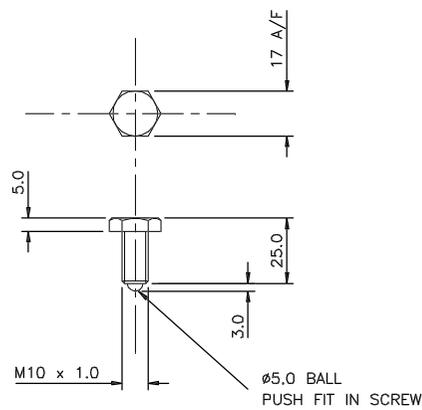
263		TITLE		DISC. REF.	
SPRING POST					
MATERIAL	SCALE	TOLERANCES ±			
ST.STL.	2:1	X	0.1		
FINISH	No. REQD. PER UNIT	X.X			
BLK.NICKEL PL	1 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	W/BL/262				



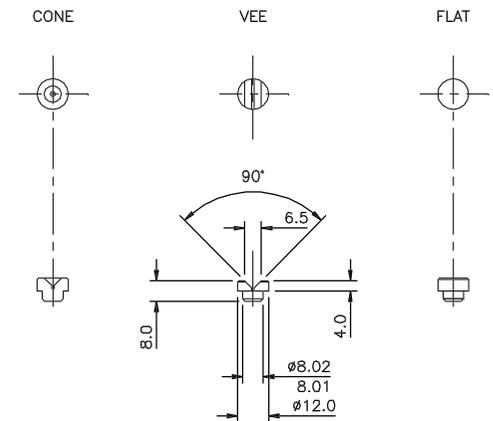
264		TITLE		DISC. REF.	
MICROMETER BLOCK					
MATERIAL	SCALE	TOLERANCES ±			
6062 AL.ALLOY	1:1	X	0.1		
FINISH	No. REQD. PER UNIT	X.X			
MATT BLK.ANODISE	1 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	W/BL/264				



265		TITLE		DISC. REF.	
MICROMETER PAD					
MATERIAL	SCALE	TOLERANCES ±			
ST.STL.	2:1	X	0.1		
FINISH	No. REQD. PER UNIT	X.X			
CLEAN	1 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	W/BL/265				



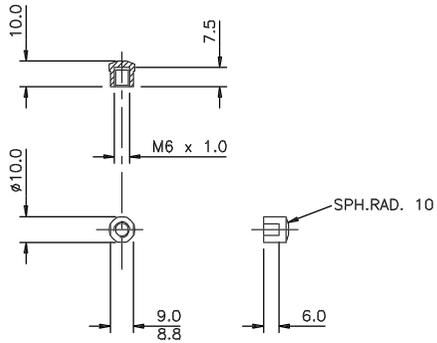
266		TITLE		DISC. REF.	
ADJUSTING SCREW					
MATERIAL	SCALE	TOLERANCES ±			
ST.STL.	1:1	X	0.1		
FINISH	No. REQD. PER UNIT	X.X			
CLEAN	3 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	W/BL/266				



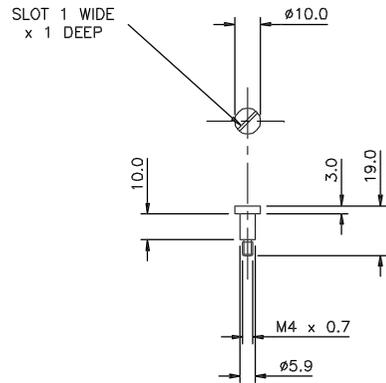
267		TITLE		DISC. REF.	
KINEMATIC SEAT					
MATERIAL	SCALE	TOLERANCES ±			
ST.STL.	1:1	X	0.1		
FINISH	No. REQD. PER UNIT	X.X			
CLEAN	1 OFF EACH	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	W/BL/267				

Issue		Date		Drawn by		Issue		Date		Drawn by		Tolerance (Unless otherwise stated)		Material		Dimns. in m.m.		Scale		THIRD ANGLE PROJECTION		GA No. V/BL/200	
		DEC.91		AJW								X +/-		ROYAL GREENWICH OBSERVATORY		1:1		Title		4.2m WYFFOS - SLIT UNIT		Drawing No.	
												X.X +/-		MADINGLEY ROAD						DETAILS		W/BL/262-7	
												X.XX +/-		CAMBRIDGE CB3 0EZ									
												ANG. +/-											

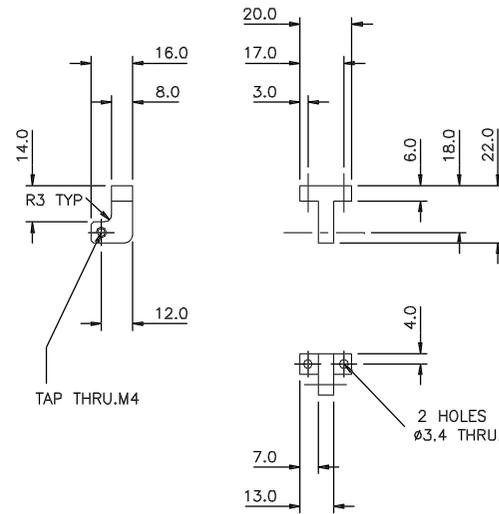
Drawing No.  
W/BL/268-



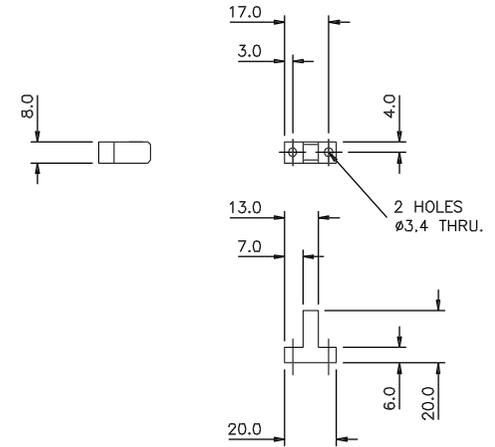
TITLE		DISC. REF.
268 END CAP - PISTON		
MATERIAL BRASS	SCALE 1:1	TOLERANCES ± X X.X X.XX 0.1
FINISH CLEAN	No. REQD. PER UNIT 1 OFF	
G.A. No. V/BL/200	RGO	DRAWING No. W/BL/268



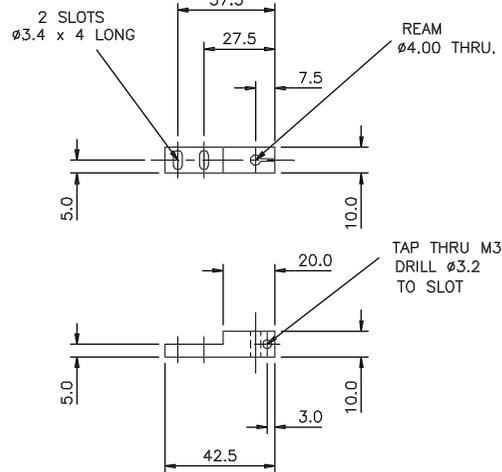
TITLE		DISC. REF.
269 SHOULDER SCREW		
MATERIAL ST.STL	SCALE 1:1	TOLERANCES ± X X.X X.XX 0.1
FINISH CLEAN	No. REQD. PER UNIT 8 OFF	
G.A. No. V/BL/200	RGO	DRAWING No. W/BL/269



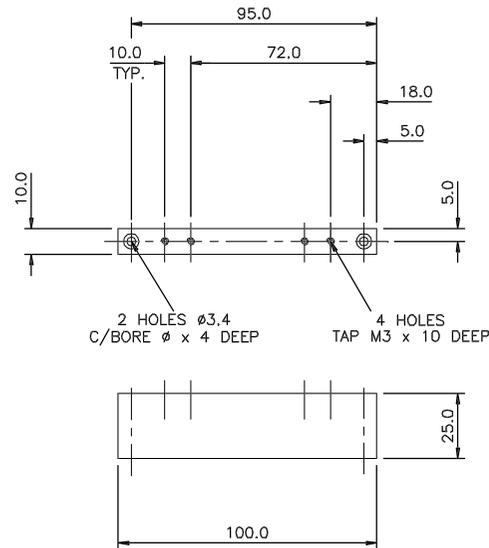
TITLE		DISC. REF.
270 STOP BRACKET		
MATERIAL 6082 AL.ALLOY	SCALE 1:1	TOLERANCES ± X X.X X.XX 0.1
FINISH MATT BLK.ANODISE	No. REQD. PER UNIT 2 OFF	
G.A. No. V/BL/200	RGO	DRAWING No. W/BL/270



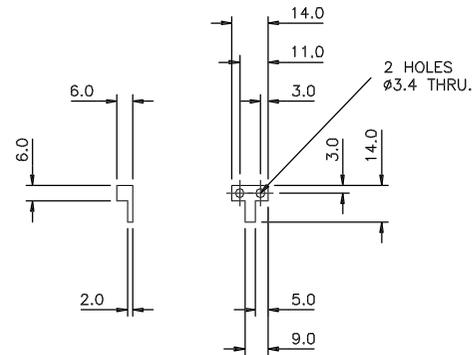
TITLE		DISC. REF.
271 STOP BRACKET		
MATERIAL ST.STL	SCALE 1:1	TOLERANCES ± X X.X X.XX 0.1
FINISH CLEAN	No. REQD. PER UNIT 1 OFF	
G.A. No. V/BL/200	RGO	DRAWING No. W/BL/271



TITLE		DISC. REF.
272 BRACKET - PROX. SW.		
MATERIAL 6082 AL.ALLOY	SCALE 1:1	TOLERANCES ± X X.X X.XX 0.1
FINISH MATT BLK.ANODISE	No. REQD. PER UNIT 1 OFF	
G.A. No. V/BL/200	RGO	DRAWING No. W/BL/272

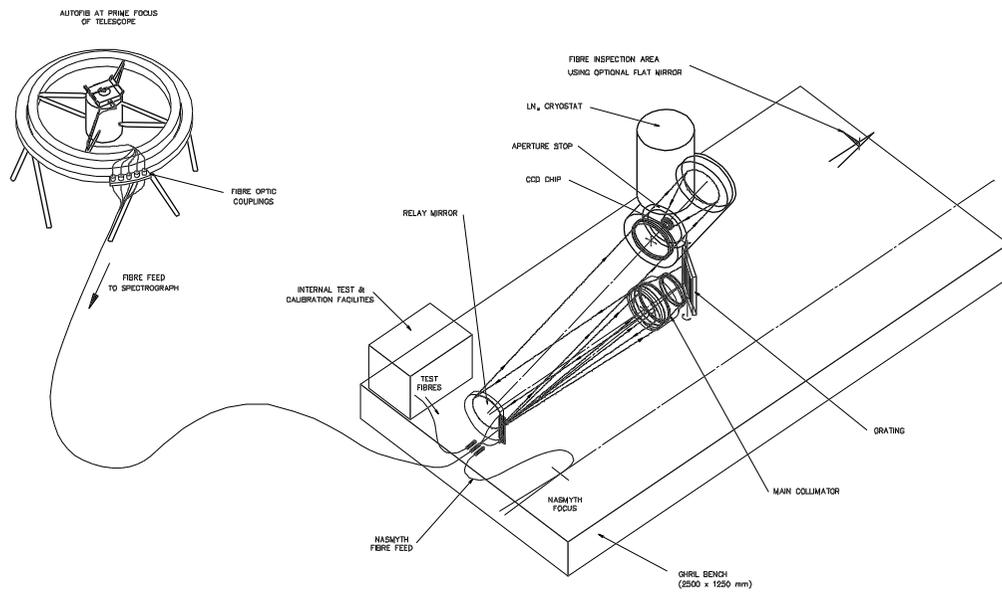


TITLE		DISC. REF.
273 SPACER BLOCK		
MATERIAL 6082 AL.ALLOY	SCALE 1:1	TOLERANCES ± X X.X X.XX 0.1
FINISH MATT BLK.ANODISE	No. REQD. PER UNIT 2 OFF	
G.A. No. V/BL/200	RGO	DRAWING No. W/BL/273



TITLE		DISC. REF.
274 SWITCH FLAG		
MATERIAL MILD STEEL	SCALE 1:1	TOLERANCES ± X X.X X.XX 0.1
FINISH BLK.NICKEL PL.	No. REQD. PER UNIT 1 OFF	
G.A. No. V/BL/200	RGO	DRAWING No. W/BL/274

Tolerance (Unless otherwise stated)		Material	Dimns.in m.m.	Scale	THIRD ANGLE PROJECTION		GA No. V/BL/200
X +/-					ROYAL GREENWICH OBSERVATORY		Drawing No.
X.X +/-		Finish	Drg.No.	No.Reg.	MADINGLEY ROAD		W/BL/268-
X.XX +/-			Used on		CAMBRIDGE CB3 0EZ		
ANG. +/-					Title		
					4.2m WYFFOS - SLIT UNIT		
					DETAILS		



FIBRE OPTIC SPECTROGRAPH (WYFFOS) – REFLECTION GRATING SYSTEM LAYOUT

