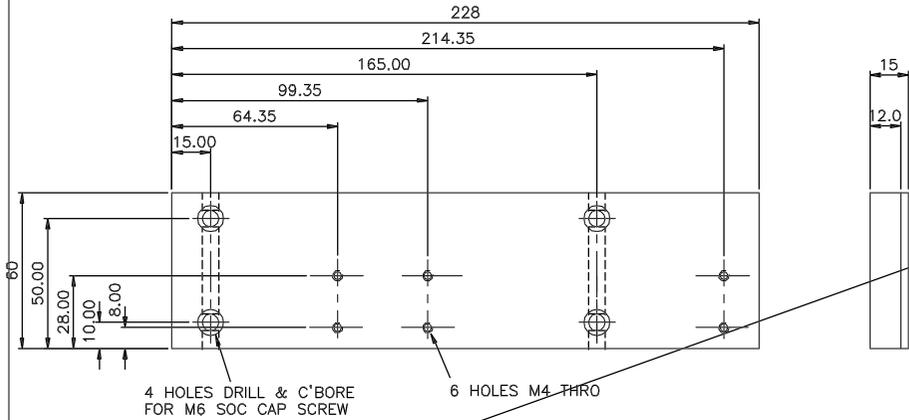


Drawing No. 1622  
W/BL/1618

REMOVE ALL SHARP EDGES

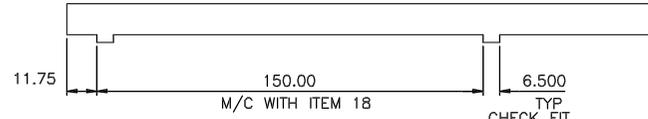
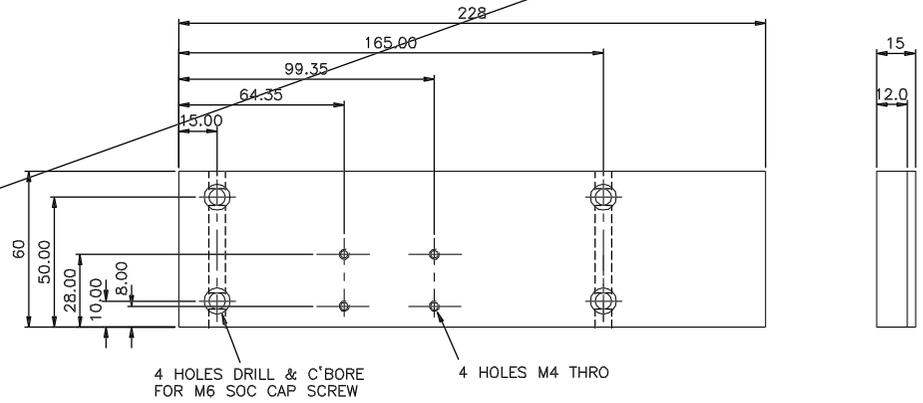


TITLE			
18	SUPPORT STRAP		
MATERIAL	SCALE	TOLERANCES	
ALUM ALLOY	FULL	X	±0.5
FINISH	No. RECD. PER UNIT	XX	±0.3
BLK ANODISE	4	XXX	±0.1
G.A. No.	DRAWING No.		
V/BL/1600	R.G.O.	W/BL/1618	

M/C WITH ITEM 19

TYP  
CHECK FIT  
IN TABLES

REMOVE ALL SHARP EDGES



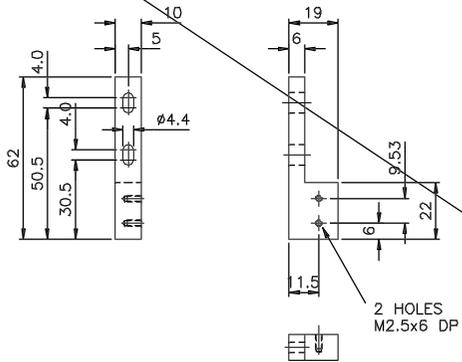
M/C WITH ITEM 18

TYP  
CHECK FIT  
IN TABLES

SUPPORT STRAP

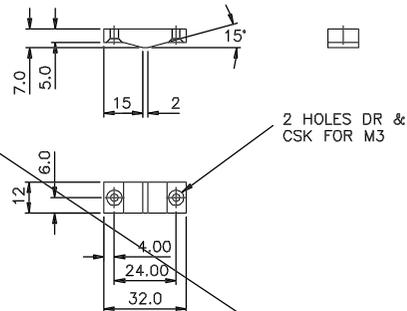
TITLE			
18	SUPPORT STRAP		
MATERIAL	SCALE	TOLERANCES	
ALUM ALLOY	FULL	X	±0.5
FINISH	No. RECD. PER UNIT	XX	±0.3
BLK ANODISE	4	XXX	±0.1
G.A. No.	DRAWING No.		
V/BL/1600	R.G.O.	W/BL/1618	

REMOVE ALL SHARP EDGES



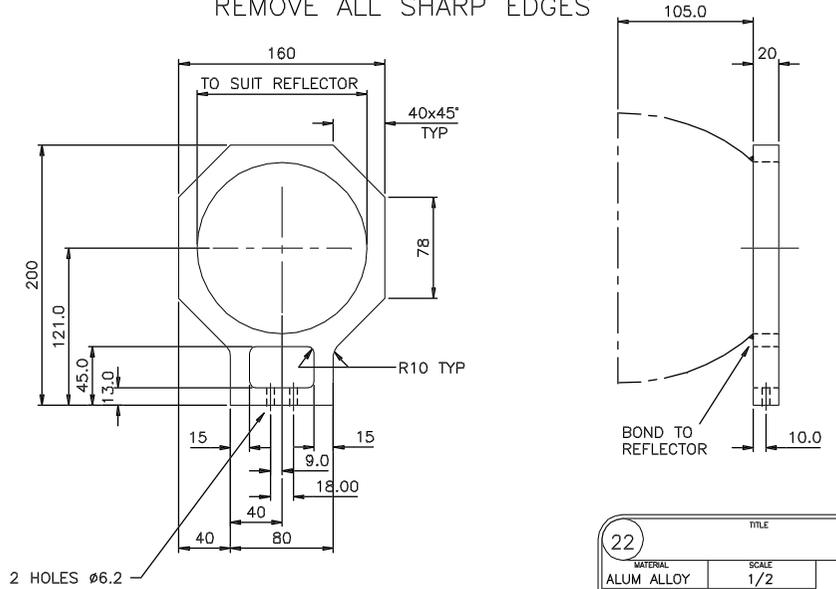
TITLE			
20	SWITCH PLATE		
MATERIAL	SCALE	TOLERANCES	
ALUM ALLOY	FULL	X	±0.5
FINISH	No. RECD. PER UNIT	XX	±0.3
BLK ANODISE	16	XXX	±0.1
G.A. No.	DRAWING No.		
V/BL/1600	R.G.O.	W/BL/1618	

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		
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

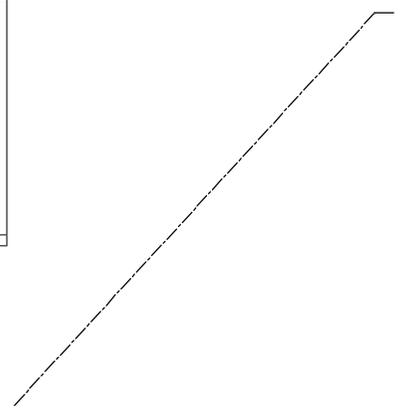
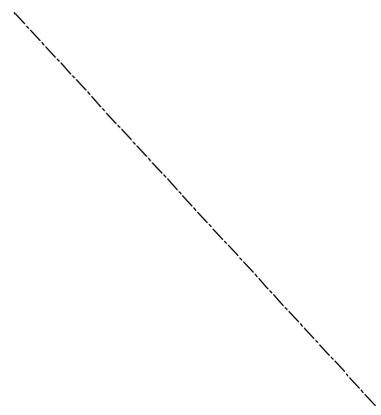
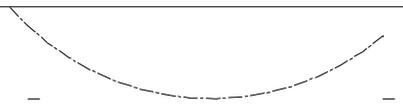
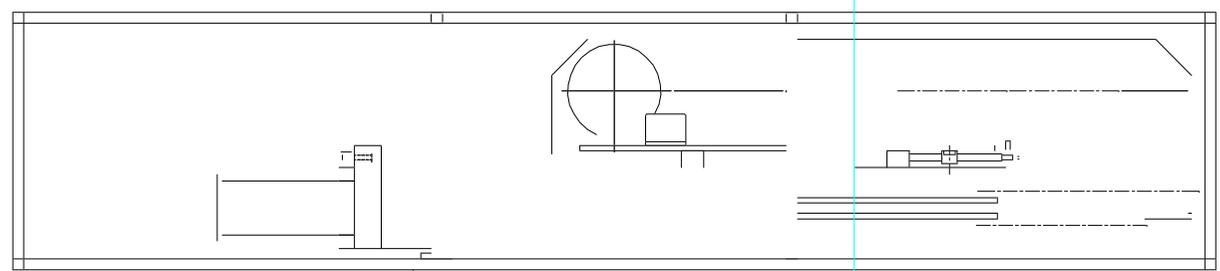
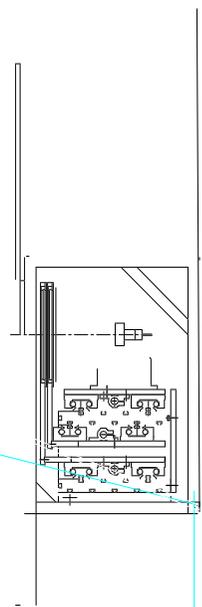
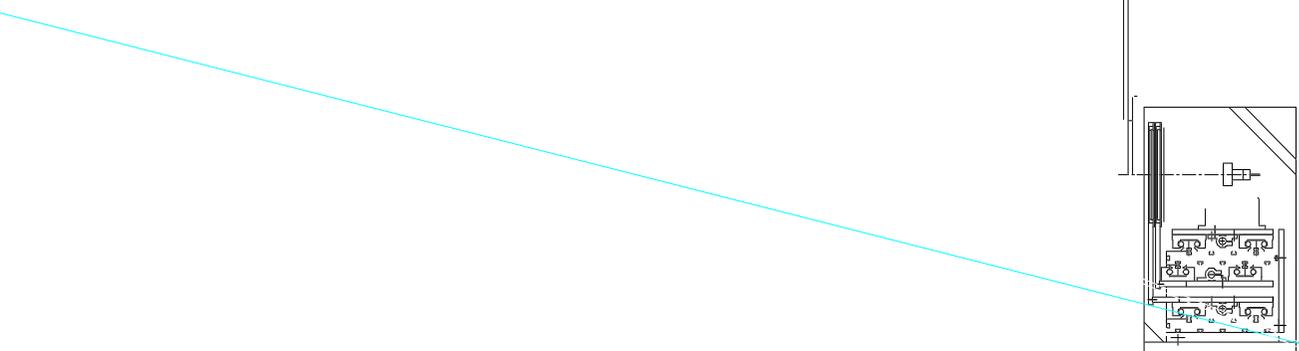
Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by	Material	Finish	Drg.No.	No.Req.	Dimns.in m.m.	Scale	THIRD ANGLE PROJECTION	Title	GA No.
												ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD CAMBRIDGE CB3 0EZ			DETAILS	

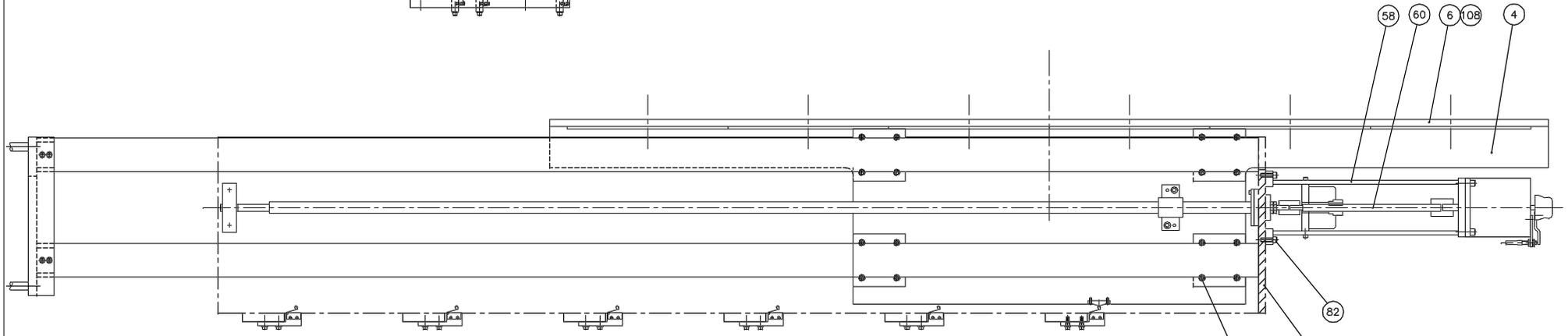
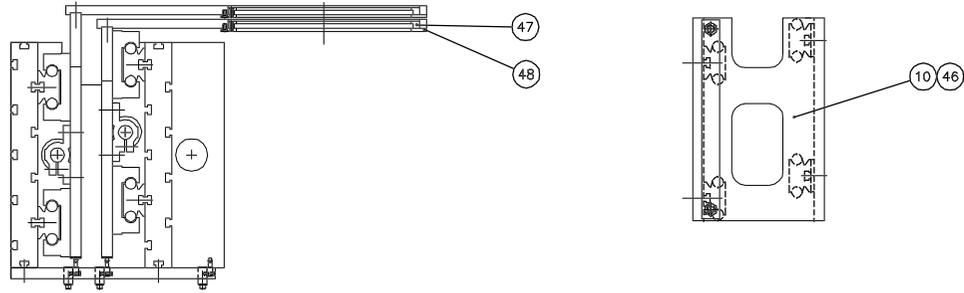
Drawing No. 1622  
W/BL/1618

FILE: BL1618A

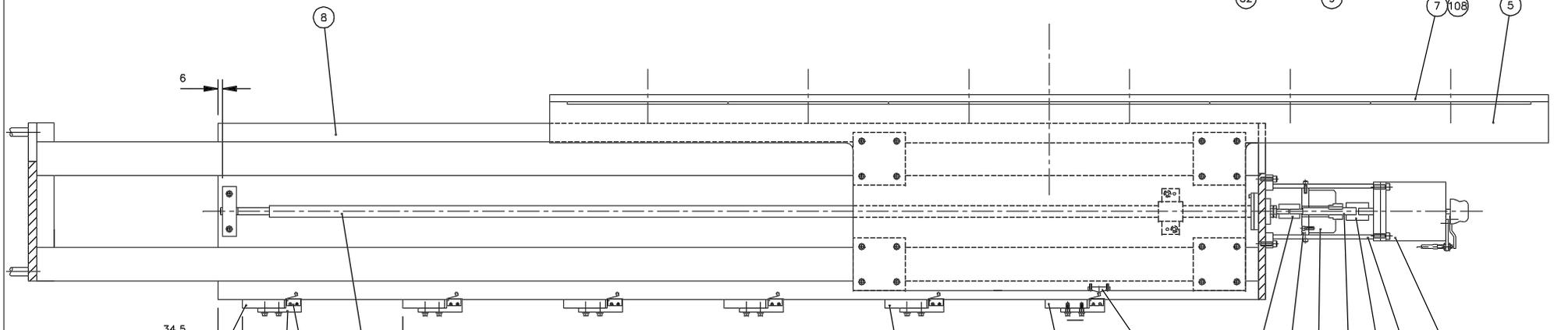
DRAWING NUMBER	No. OF SHEETS	GA ITEM No.	DRAWING TITLE OR COMPONENT NAME	No. OFF	MATERIAL STOCK OR ORDER No. AND DATE	REMARKS	ISSUE DATE	ISSUED TO	FINISH DATE	
/ /		38	WASHER	6						
/ /		39	SWITCH BLOCK	2						
/ /		40	NUT PLATE	2						
/ /		41	NUT PLATE	12						
/ /		42	NUT PLATE	5						
/ /		43	MOTOR 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 63				
/ /									
JOB TITLE						ASS'Y DRG No.	SHEET No.	DRAWN BY PROMECH	
WYFFOS WAVELENGTH CALIB ASSY						V/BL/1600	3 of 3	DATE 04/03/97	
ROYAL GREENWICH OBSERVATORY, MADINGLEY ROAD, CAMBRIDGE									



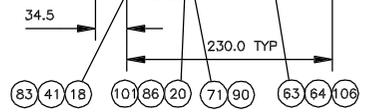


CENTRE SLIDE ASSY

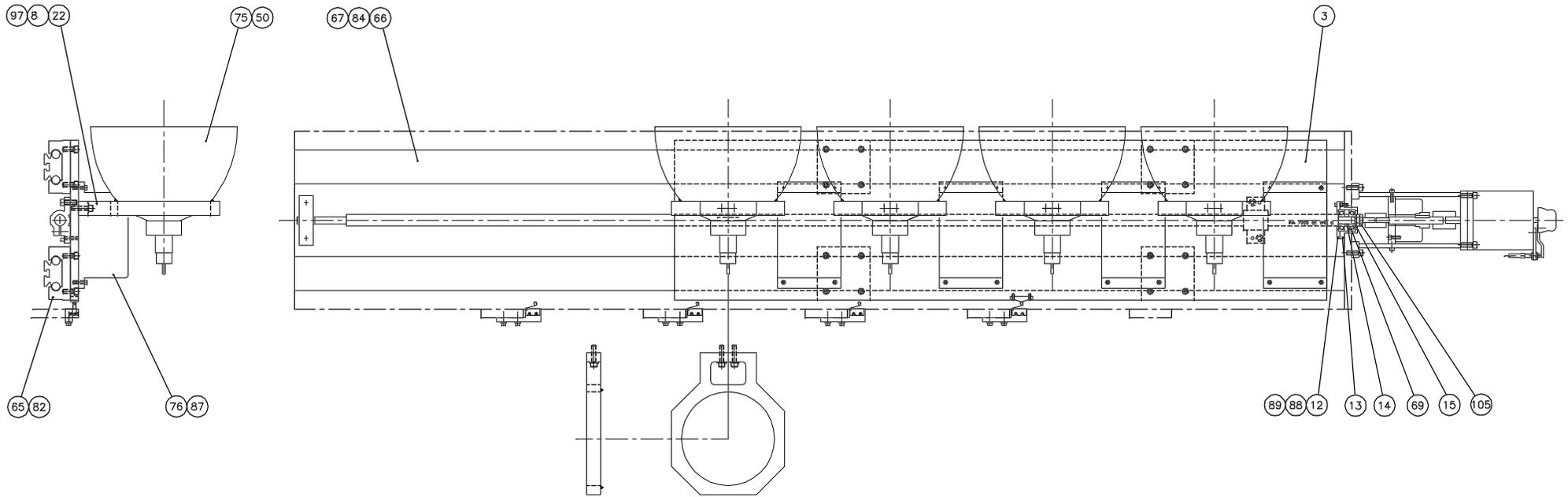


(3) TECHNO BALL SCREW & NUT

(3) TECHNO STEPPING MOTOR

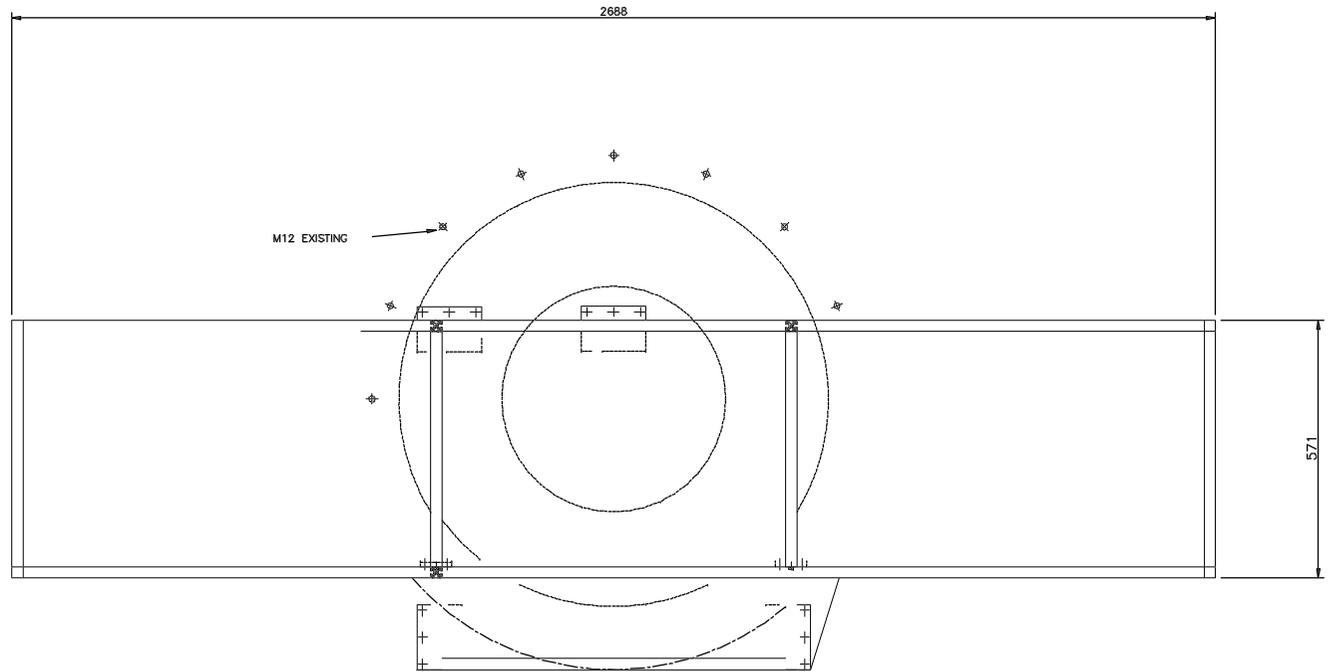
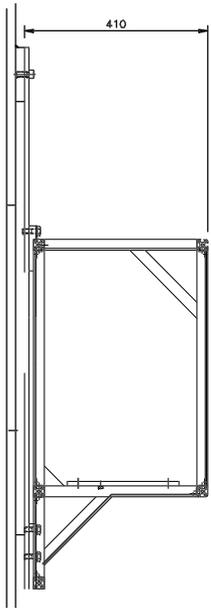


				TOLERANCES (UNLESS OTHERWISE STATED)		MATERIAL		DIM IN MM		SCALE 1/2		THIRD ANGLE PROJECTION		G.A. NO. SHT 2 OF 10	
				X +/-				ROYAL GREENWICH OBSERVATORY				TITLE		DRG NO.	
				X.X +/-		FINISH		MADINGLEY ROAD				WYFFOS WAVELENGTH CALIBRATION ASSY		V/BL/1600	
				ANG +/-		USED ON		CAMBRIDGE CB3 0EZ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



TOP SLIDE ASSY

ISSUE				MATERIAL				DIM IN MM		SCALE	TITLE		G.A. NO.	
NO.	DATE	DRAWN BY	ISSUE	NO.	DATE	DRAWN BY	FINISH	DRG NO.	NO REQ	1/2	THIRD ANGLE PROJECTION		SHT 3 OF 19	
											ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD CAMBRIDGE CB3 0EZ		DRG NO. V/BL/1600	
											WYFFOS WAVELENGTH CALIBRATION ASSY		FILE BL1600S3	



MATERIAL

DIM IN MM SCALE 1/4

G.A. NO.

FINISH

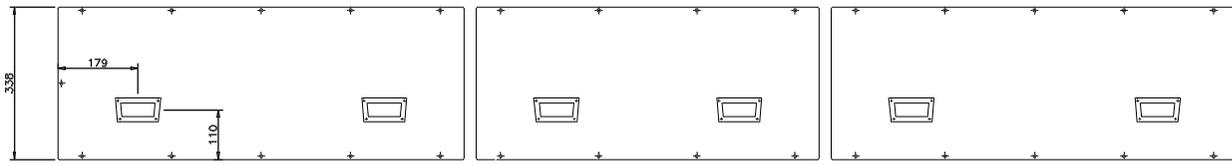
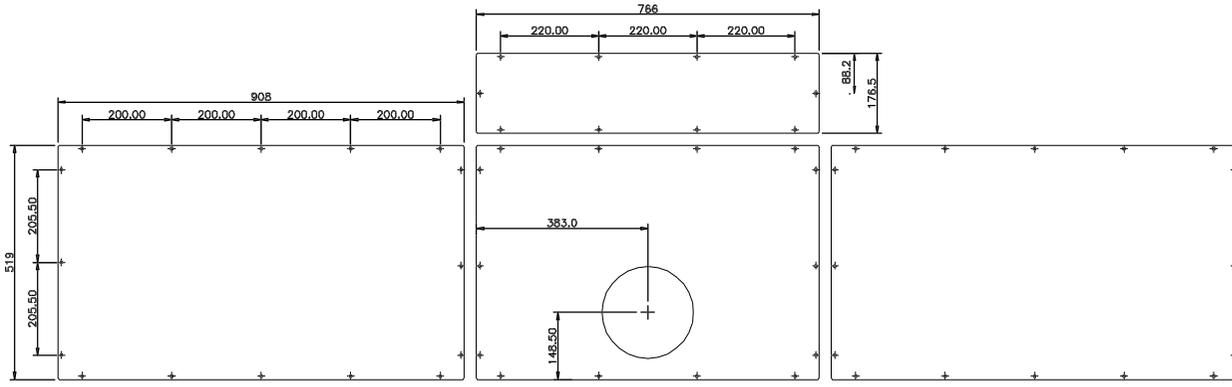
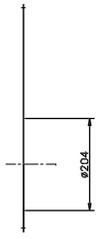
DRG NO. NO REQ  
USED ON

TITLE  
ROYAL GREENWICH OBSERVATORY  
MADINGLEY ROAD  
CAMBRIDGE CB3 0EZ

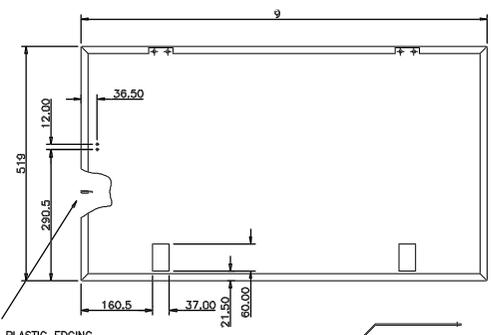
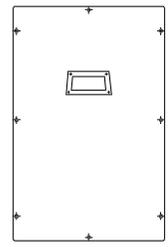
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DATE

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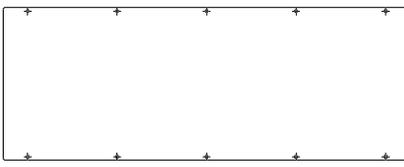
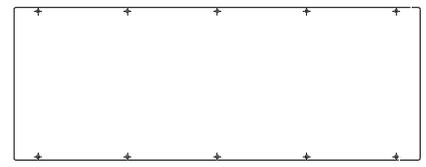
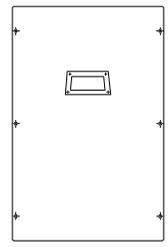
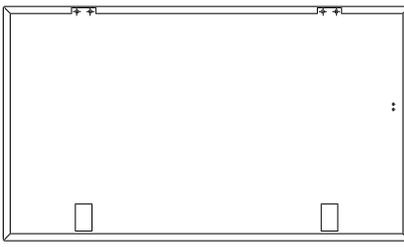
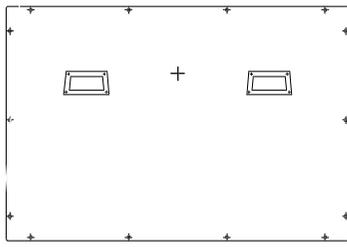


FIT RS 826-183  
(HOLE TO SUIT)



SUITABLE PLASTIC EDGING  
(CUT TO CLEAR HINGES)

FIT DZUS 2102



2		PANEL ASSY DETAILS	
UNFIN.	SCALE	TOLERANCES	
ALUM ALLOY	1/4	X ±0.3	
BLK ANODISE	1 SET	XX ±0.3	
DRG NO.	R.C.C.	XXX ±0.1	
V/BL/1600	V/BL/1602		

				TOLERANCES (UNLESS OTHERWISE STATED)		MATERIAL		DIM IN MM		SCALE 1/4		THIRD ANGLE PROJECTION		G.A. NO.	
				X +/-								ROYAL GREENWICH OBSERVATORY		DRG NO.	
				XX +/-		FINISH		DRG NO.		NO REQ		MADINGLEY ROAD		V/BL/1602	
				XXX +/-				USED ON				CAMBRIDGE CB3 0EZ		PANEL ASSY DETAILS	
				ANG +/-										FILE BL1602	

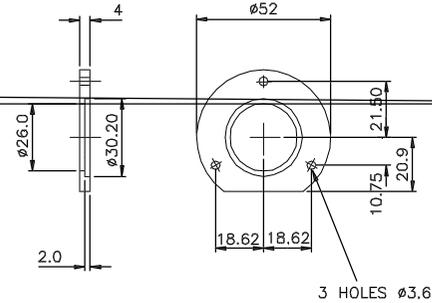
Drawing No. 1617  
W/BL/1611

REMOVE ALL SHARP EDGES

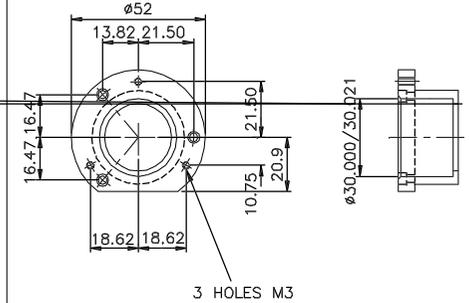
TECHNO-ISEL  
STEPPING MOTOR  
300 Ncm CODE 398002

FIT 'FLAG' TO MOTOR SHAFT  
KNOB AND PROXIMITY SWITCH  
AS SHOWN

REMOVE ALL SHARP EDGES



REMOVE ALL SHARP EDGES



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

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

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

REMOVE ALL SHARP EDGES



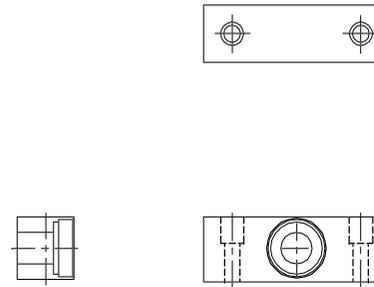
TITLE		
14 BRG SPACER		
MATERIAL	SCALE	TOLERANCES
ALUM ALLOY	FULL	x ±0.5
FINISH	No. REQD. PER UNIT	x.x ±0.3
BLK ANODISE	3	x.xx ±0.1
G.A. No.	DRAWING No.	
V/BL/1600	R.G.O. W/BL/1614	

REMOVE ALL SHARP EDGES



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

REMOVE ALL SHARP EDGES



TITLE		
16 BRG SUPPORT BLOCK		
MATERIAL	SCALE	TOLERANCES
ALUM ALLOY	FULL	x ±0.5
FINISH	No. REQD. PER UNIT	x.x ±0.3
BLK ANODISE	3	x.xx ±0.1
G.A. No.	DRAWING No.	
V/BL/1600	R.G.O. W/BL/1616	

REMOVE ALL SHARP EDGES

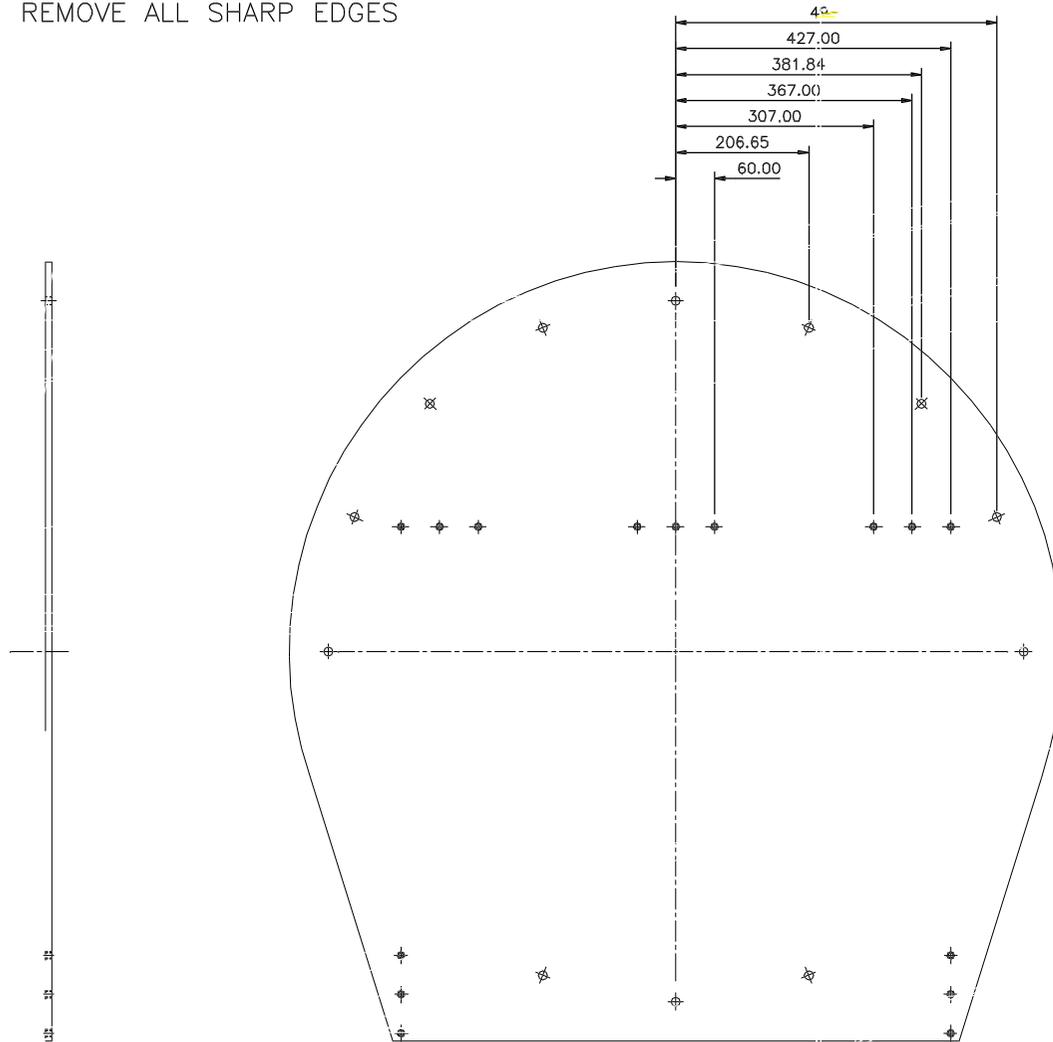
TITLE		
17 SPECIAL WASHER		
MATERIAL	SCALE	TOLERANCES
ST STL	FULL	x ±0.5
FINISH	No. REQD. PER UNIT	x.x ±0.3
BLK	6	x.xx ±0.1
G.A. No.	DRAWING No.	
V/BL/1600	R.G.O. W/BL/1617	

Tolerance (Unless otherwise stated)										Material		Dimns. in m.m.		Scale		THIRD ANGLE PROJECTION		GA No.	
27/02/97										FROMECH		ROYAL GREENWICH OBSERVATORY		Title		DETAILS		Drawing No. 1617	
Issue Mod.No Date Drawn by Issue Mod.No Date Drawn by										Finish		Drg.No. No.Req. Used on		MADINGLEY ROAD CAMBRIDGE CB3 0EZ				W/BL/1611	

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										

Drawing No.  
W/BL/1624

REMOVE ALL SHARP EDGES



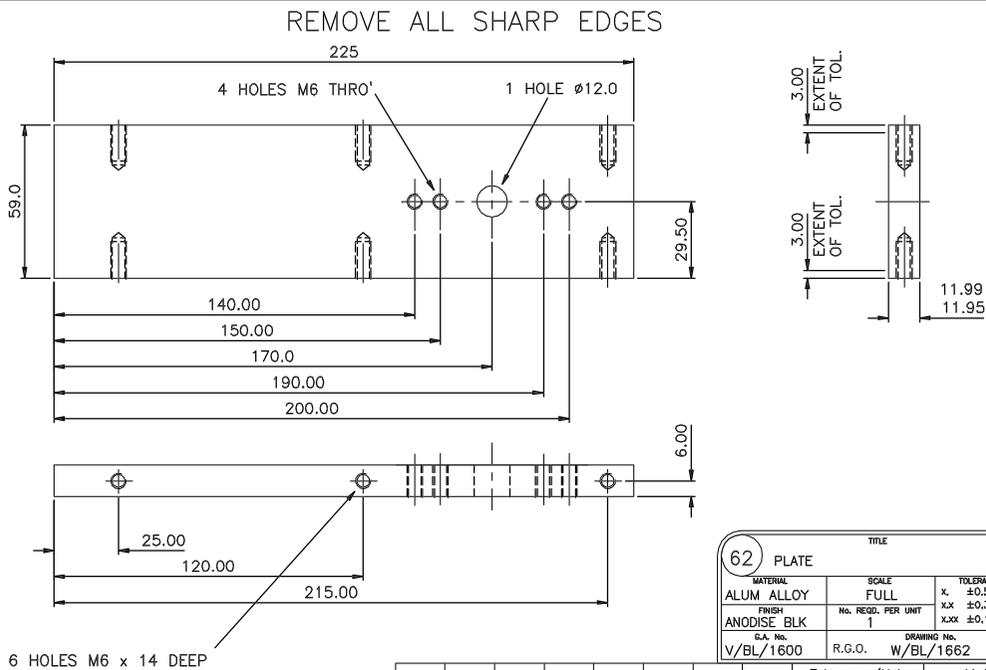
24		TITLE	
BACK PLATE			
MATERIAL	SCALE	TOLERANCES	
ALCOA PLT	1/4	x	±0.5
FINISH	No. RECD. PER UNIT	x.x	±0.3
BLK ANODISE	1	x.xx	±0.1
G.A. No.	R.G.O.	DRAWING No.	
V/BL1600	W/BL/1624		

						Tolerance (Unless otherwise stated)		Material		Dimns. in m.m.		Scale		THIRD ANGLE PROJECTION		Title		GA No.	
						X	+/-			ROYAL GREENWICH OBSERVATORY				DETAIL		Drawing No.		W/BL/1624	
						X.X	+/-	Finish		MADINGLEY ROAD									
						X.XX	+/-	Drg.No. No.Req.		CAMBRIDGE CB3 0EZ									
						ANG.	+/-	Used on											
Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by												
						27/02/97	PROMECH												





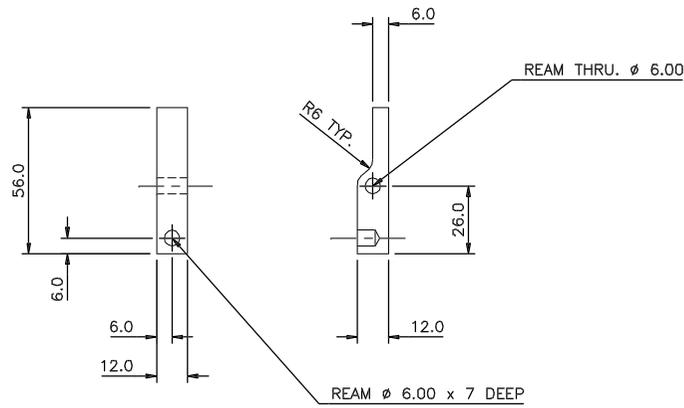
Drawing No.  
W/BL/1662



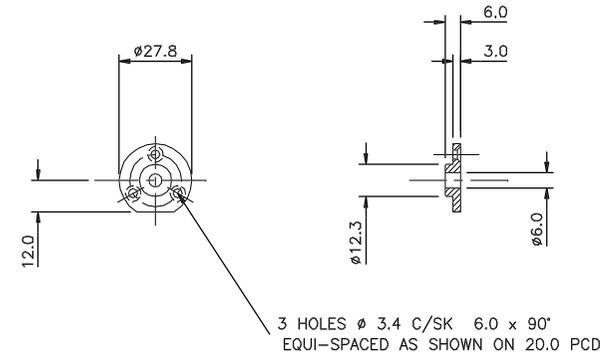
62 PLATE		TITLE	
MATERIAL	SCALE	TOLERANCES	
ALUM ALLOY	FULL	x	±0.5
FINISH	No. REQD. PER UNIT	x.x	±0.3
ANODISE BLK	1	x.xx	±0.1
E.A. No.	DRAWING No.		
V/BL/1600	R.G.O. W/BL/1662		

										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	
				27/02/97		FROMECH							
						ANG.							

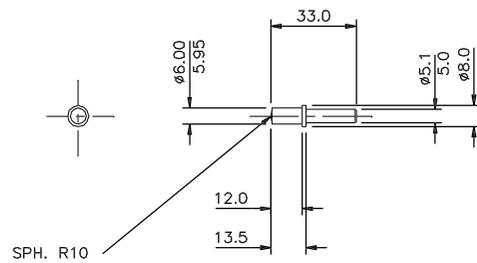
DRAWING NUMBER	No. OF SHEETS	GA ITEM No.	DRAWING TITLE OR COMPONENT NAME	No. OFF	MATERIAL STOCK OR ORDER No. AND DATE	REMARKS	ISSUE DATE	ISSUED TO	FINISH DATE
W/ BL / 1250	1		GENERAL ASSY.						
W/ BL / 1251	1	1	BRACKET ASSY.	1					
W/ BL / 1252	1	2	BASE PLATE	1					
/ /		3							
/ /		4							
/ /		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(CONE)	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									



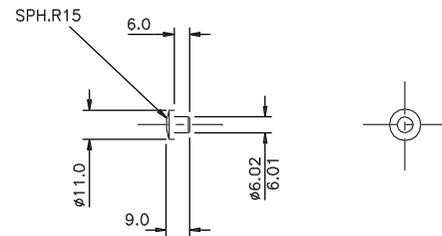
213	TITLE	DISC REF.
	CLAMP LEVER	
MATERIAL	SCALE	TOLERANCES ±
ST.STL	1:1	X 0.1 X.X 0.1 X.XX
FINISH	No. REQD. PER UNIT	
BLK.NICKEL PL	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	W/BL/213	



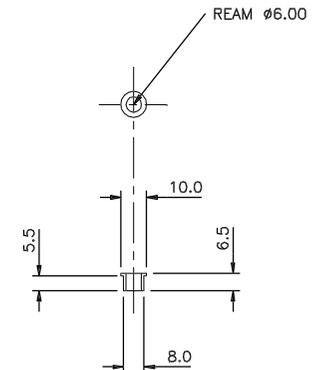
214	TITLE	DISC REF.
	SPRING CAP	
MATERIAL	SCALE	TOLERANCES ±
6062 AL.ALLOY	1:1	X 0.1 X.X 0.1 X.XX
FINISH	No. REQD. PER UNIT	
MATT BLK.ANODISE	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	W/BL/214	



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

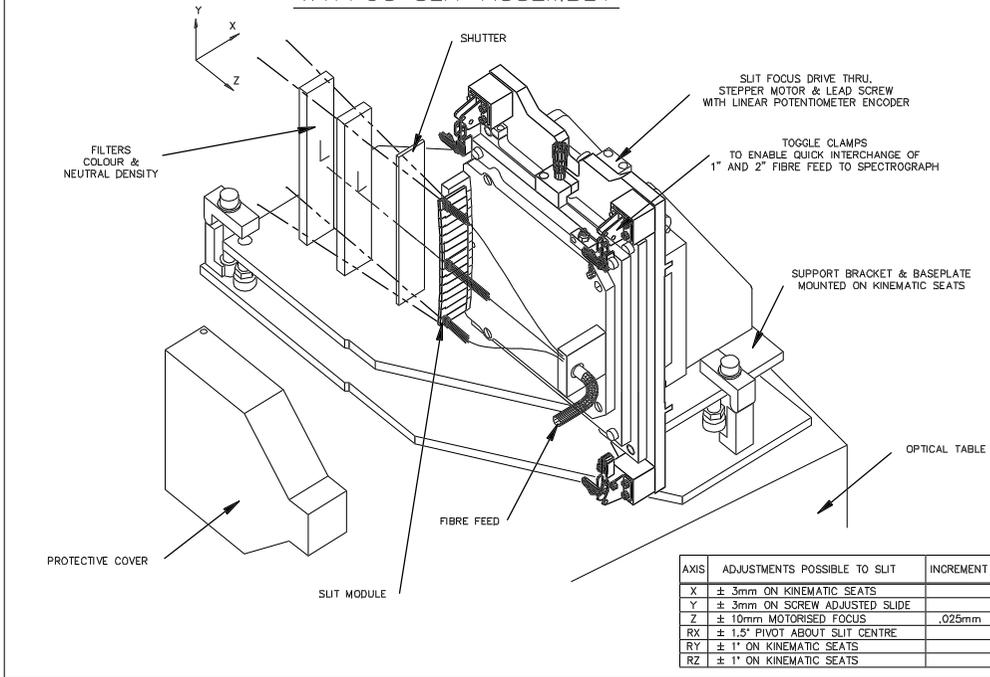
				Tolerance (Unless otherwise stated)		Material		Dimns.in m.m.		Scale		THIRD ANGLE PROJECTION		GA No. V/BL/200	
				X +/-		Finish		Drg.No.		ROYAL GREENWICH OBSERVATORY		Title		Drawing No.	
				X.X +/-		Drg.No.		No.Req.		MADINGLEY ROAD		4.2m WYFFOS - SLIT UNIT		W/BL/213-7	
				X.XX +/-		Used on				CAMBRIDGE 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	1	253	BAR CODE READER CARRIER	2	II					
W/ BL / 254		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				
/ /		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



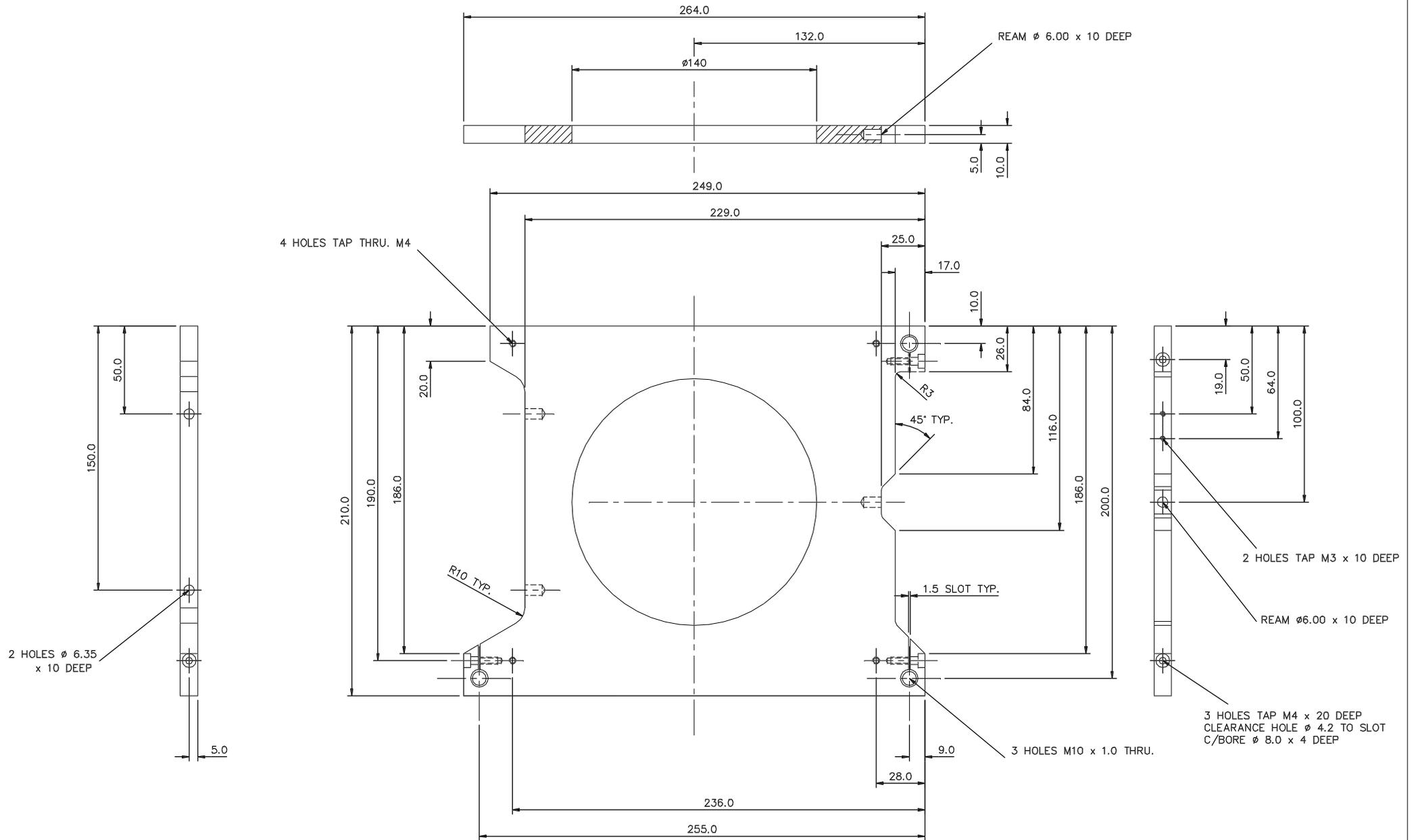
TOLERANCES (UNLESS  
OTHERWISE STATED)  
X. ±/—  
X.X ±/—  
X.XX ±/—

ROYAL GREENWICH OBSERVATORY TITLE  
MADINGLEY ROAD

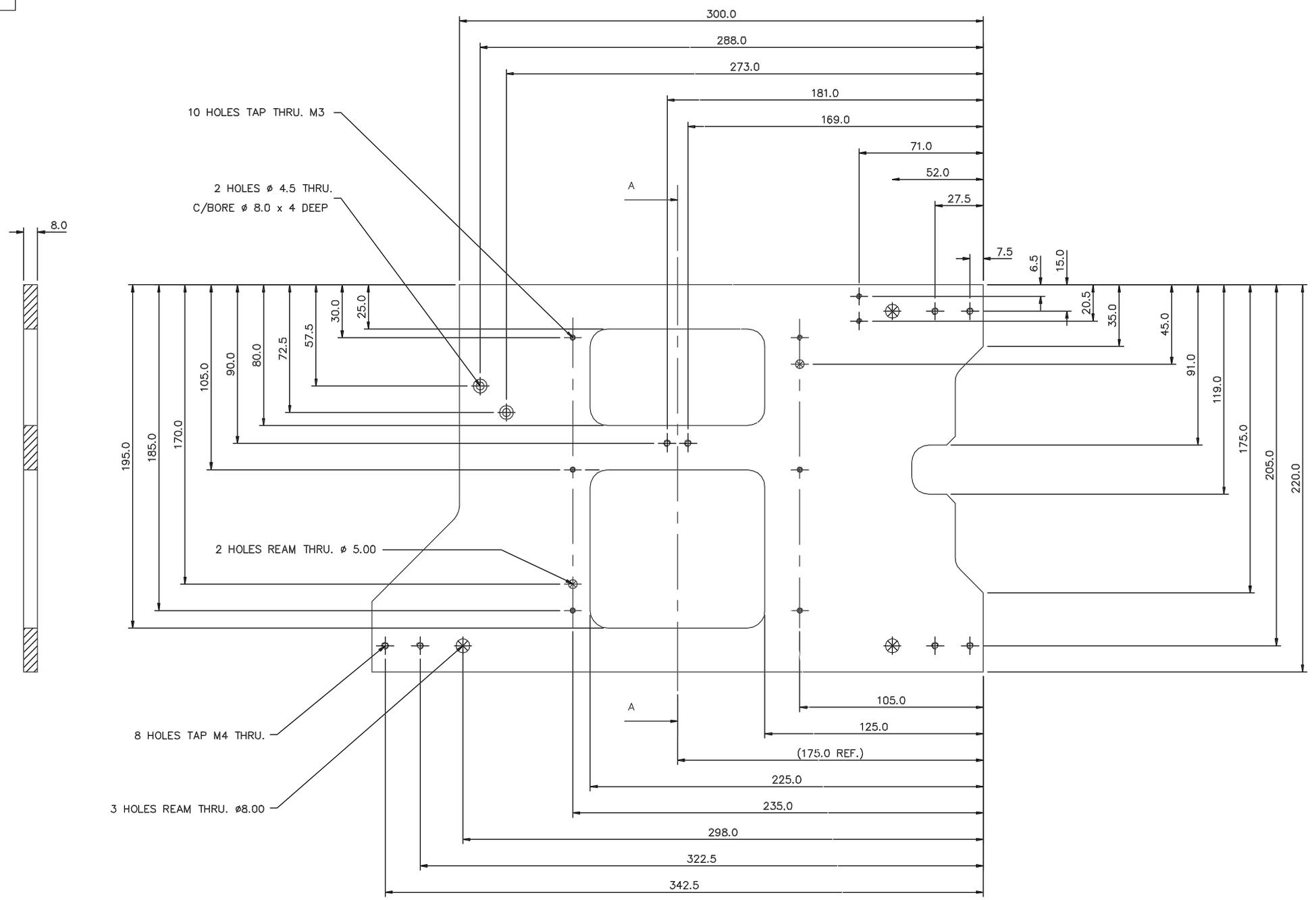
G.A. NO.



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								

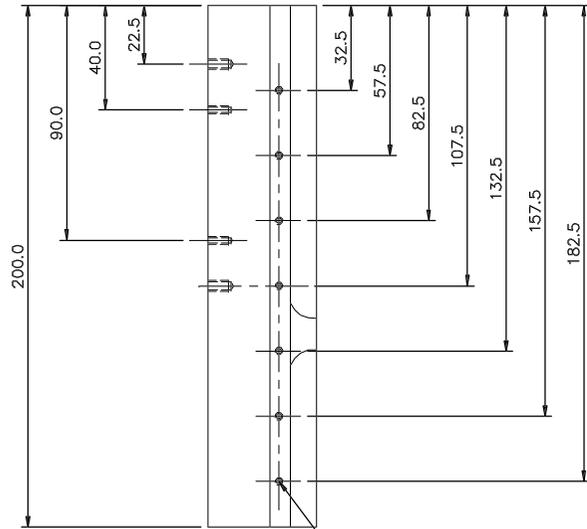


							Tolerance (Unless otherwise stated)	Material	Dimns. in m.m.	Scale 1:1	THIRD ANGLE PROJECTION	GA No. V/BL/200	
							X +/-		1 OFF		Title	4.2m WYFFOS - SLIT UNIT BEARING PLATE	Drawing No. W/BL/204
							X.X +/-	Finish	Drg.No. No.Req.	ROYAL GREENWICH OBSERVATORY			
							X.XX +/-		Used on		MADINGLEY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

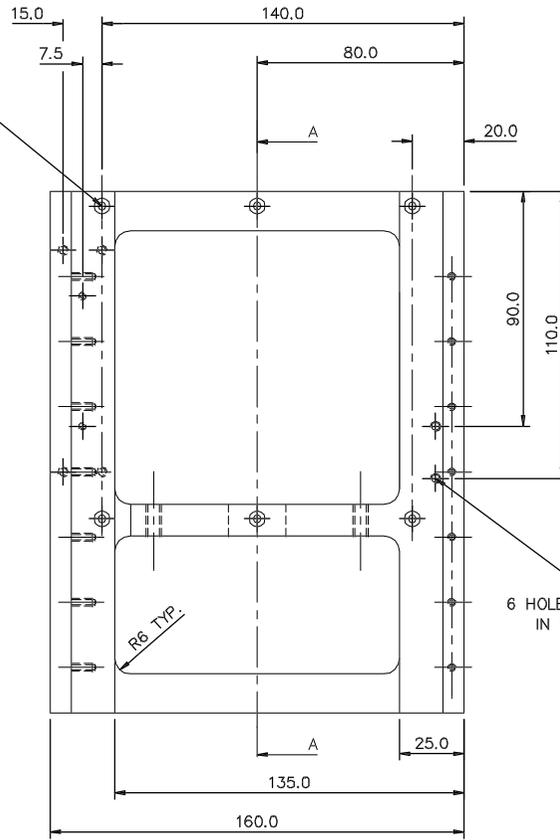


REMOVE ALL BURRS AND SHARP EDGES

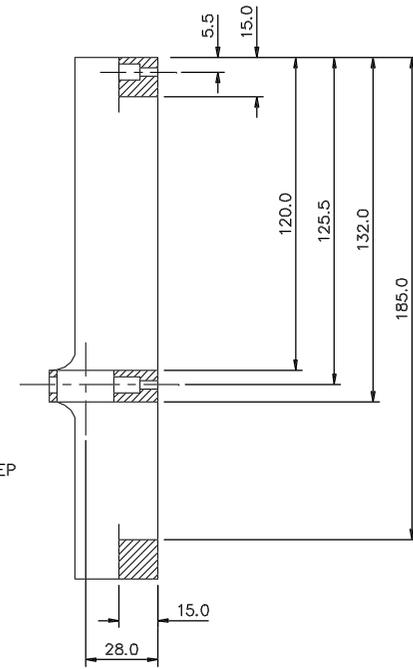
6 HOLES  $\phi$  4.5 THRU.  
C/BORE  $\phi$  8.0 AS SHOWN



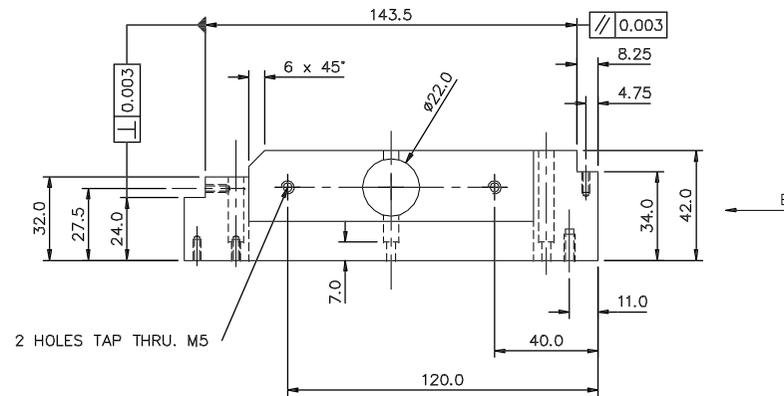
18 HOLES TAP M3 x 8 DEEP



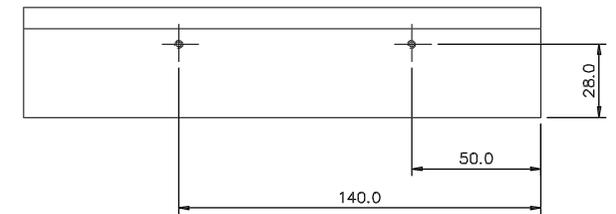
6 HOLES TAP M4 x 10 DEEEP  
IN U/SIDE AS SHOWN



SECTION A - A



2 HOLES TAP THRU. M5

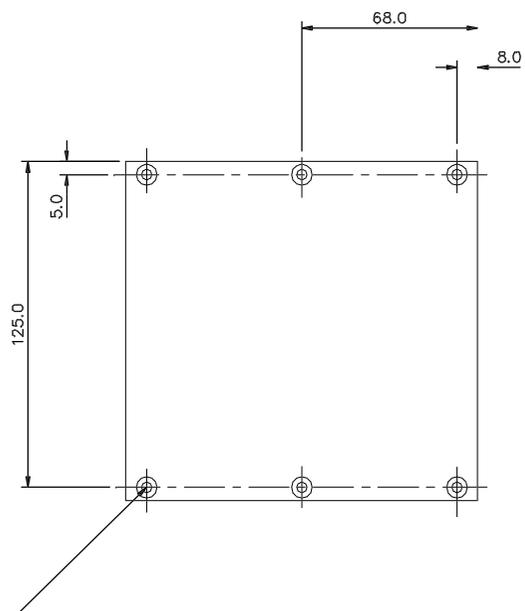


VIEW ON ARROW E

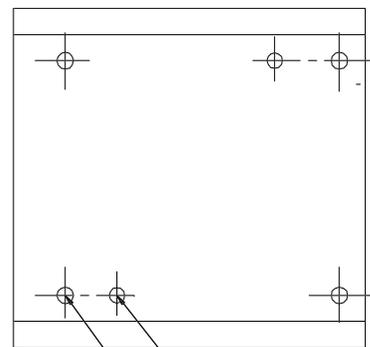
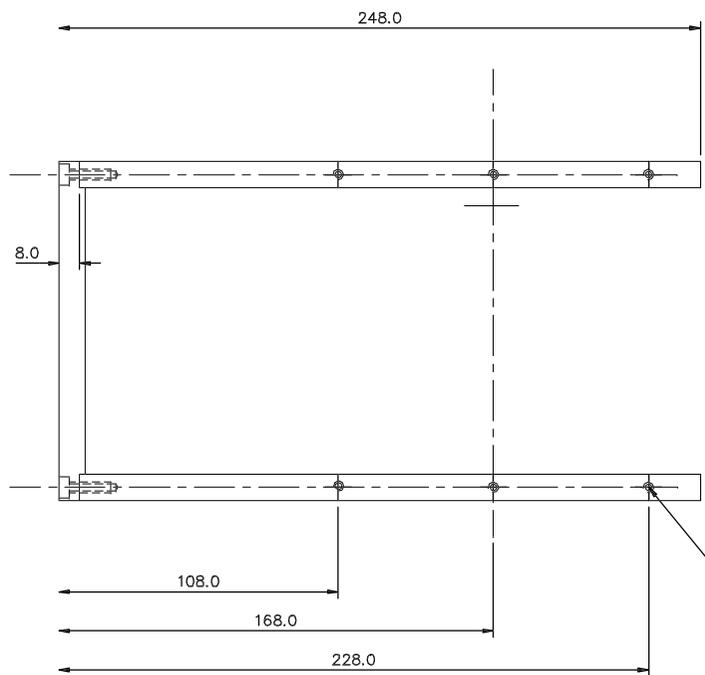
				Tolerance (Unless otherwise stated)		Material		Dimns. in m.m.		Scale 1:1		THIRD ANGLE PROJECTION		GA No. V/BL/200	
				X x +/-		6082 AL.ALLOY		1 OFF				ROYAL GREENWICH OBSERVATORY		Drawing No.	
				XX +/- 0.0		Finish		Drg.No. No.Req.				MADINGLEY ROAD		Title	
				XX +/- 0.001		MATT BLK.ANODISE		Used on				CAMBRIDGE CB3 0EZ		4.2m WYFFOS - SLIT UNIT	
				ANG: +/-										BEARING BLOCK	
Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by								
				1		NOV.91	AJW								

Drawing No.  
W

REMOVE ALL BURRS AND SHARP EDGES

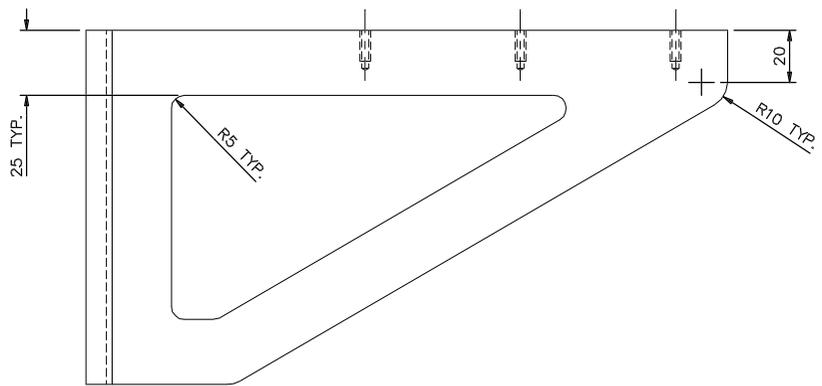


6 HOLES DRILL TAP



2 HOLES REAM THRU.  $\phi$  6.00

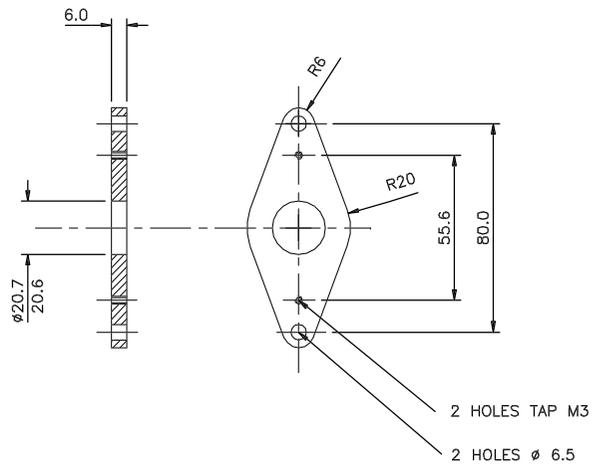
4 HOLES  $\phi$  5.5 THRU.



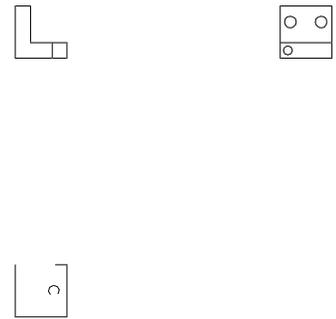
6 HOLES TAP M4 x 12 DEEP

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

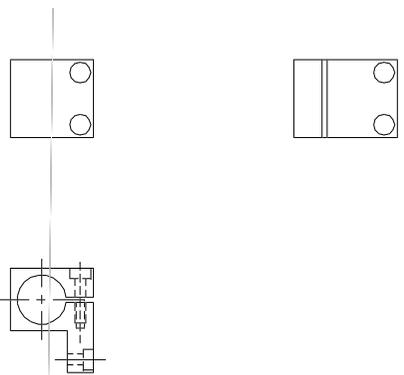
Drawing No.  
W/Г



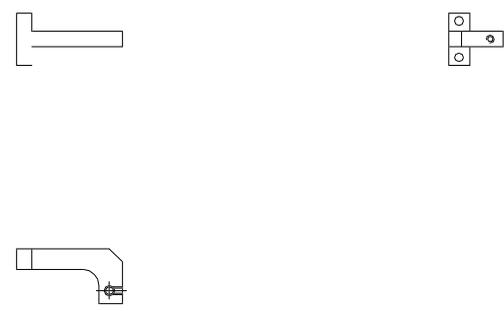
208	TITLE	DISC REF.
MOTOR PLATE		
MATERIAL	SCALE	TOLERANCES ±
6062 AL.ALLOY	1:1	X +/- 0.1
FINISH	No. REQD. PER UNIT	X.X
MATT BLK.ANODISE	1 OFF	X.XX
G.A. No.	DRAWING No.	
V/BL/200	RGO W/BL/208	



209	TITLE	DISC REF.
LEAD SCREW END CLAMP		
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	RGO W/BL/209	



210	TITLE	DISC REF.
MOUNTING - ENCODER		
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	RGO W/BL/210	

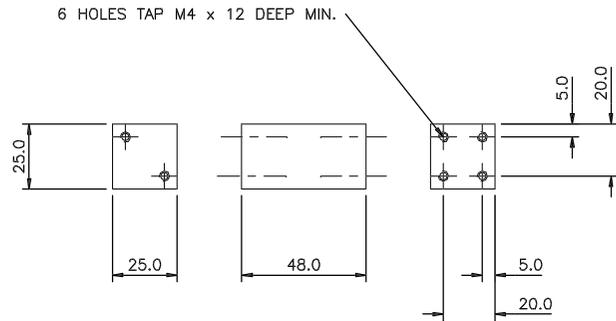


211	TITLE	DISC REF.
BRACKET - ZERO POINT		
MATERIAL	SCALE	TOLERANCES ±
6062 AL.ALLOY	1:1	X +/- 0.1
FINISH	No. REQD. PER UNIT	X.X
MATT BLK.ANODISE	1 OFF	X.XX
G.A. No.	DRAWING No.	
V/BL/200	RGO W/BL/211	

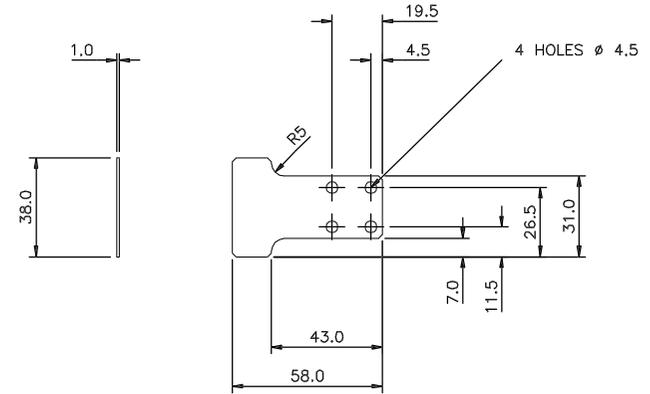
				Tolerance (Unless otherwise stated)		Material		Dimns.in m.m.		Scale		THIRD ANGLE PROJECTION		G.A. No.	
				X +/-								Title		Drawing No.	
				X.X +/-		Finish		Drg.No.		No.Req.		ROYAL GREENWICH OBSERVATORY		W/BL/203-11	
				X.XX +/-		Used on		MADINGLEY ROAD				4.2m WYFFOS - SLIT UNIT			
				ANG. +/-				CAMBRIDGE		CB3 0EZ		DETAILS			
Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by								
				1		NOV,91	AJW								



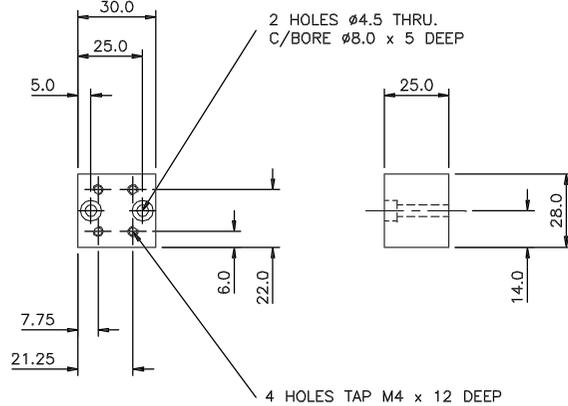
DRAWING NUMBER	No. OF SHEETS	GA ITEM No.	DRAWING TITLE OR COMPONENT NAME	No. OFF	MATERIAL STOCK OR ORDER No. AND DATE	REMARKS	ISSUE DATE	ISSUED TO	FINISH DATE	
V / BL / 200	1		ASSEMBLY							
W / BL / 201	1	201	FACET PLATE	1	6082 AL.ALLOY					
/ / 202		202	Y SLIDE	1						
W / BL / 203	1	203	SLIT BASE	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	4.2m WYFFOS - SLIT UNIT					ASS'Y DRG No. V/BL/200	SHEET No. 1 OF 4	DRAWN BY AJW	DATE DEC.91	
ROYAL GREENWICH OBSERVATORY, MADINGLEY ROAD, CAMBRIDGE										



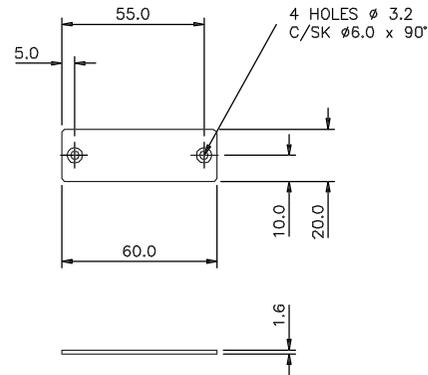
218		TITLE		DISC. REF.	
BLOCK - CLAMP VANE					
MATERIAL	SCALE	TOLERANCES		±	
6062 AL. ALLOY	1:1	X	+/-	0.1	
FINISH	No. REQD. PER UNIT	X.X	XXX		
MATT BLK. ANODISE	1 OFF				
G.A. No.	RGD	DRAWING No.			
V/BL/200		W/BL/219			



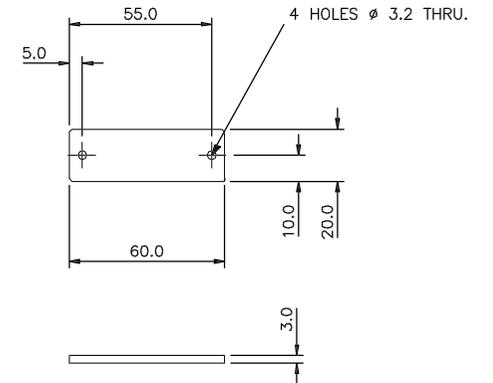
219		TITLE		DISC. REF.	
CLAMP VANE					
MATERIAL	SCALE	TOLERANCES		±	
ST. STEEL	1:1	X	+/-	0.1	
FINISH	No. REQD. PER UNIT	X.X	XXX		
SHOT BLAST CLEAN	1 OFF				
G.A. No.	RGD	DRAWING No.			
V/BL/200		W/BL/220			



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.	RGD	DRAWING No.			
V/BL/200		W/BL/221			



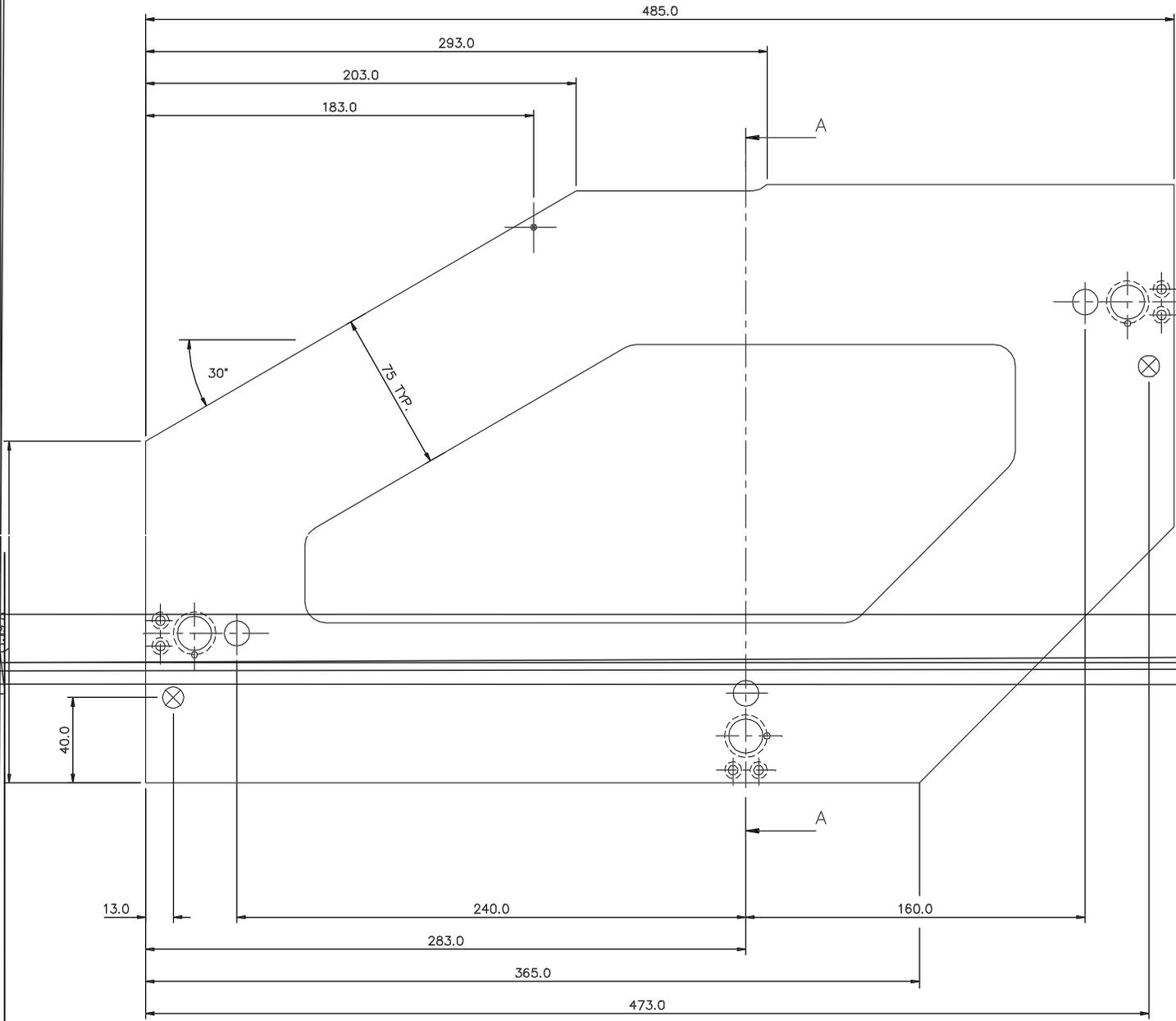
221		TITLE		DISC. REF.	
FRICTION PAD					
MATERIAL	SCALE	TOLERANCES		±	
G10 GLASS FIBRE	1:1	X	+/-	0.1	
FINISH	No. REQD. PER UNIT	X.X	XXX		
CLEAN	1 OFF				
G.A. No.	RGD	DRAWING No.			
V/BL/200		W/BL/222			



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.	RGD	DRAWING No.			
V/BL/200		W/BL/223			

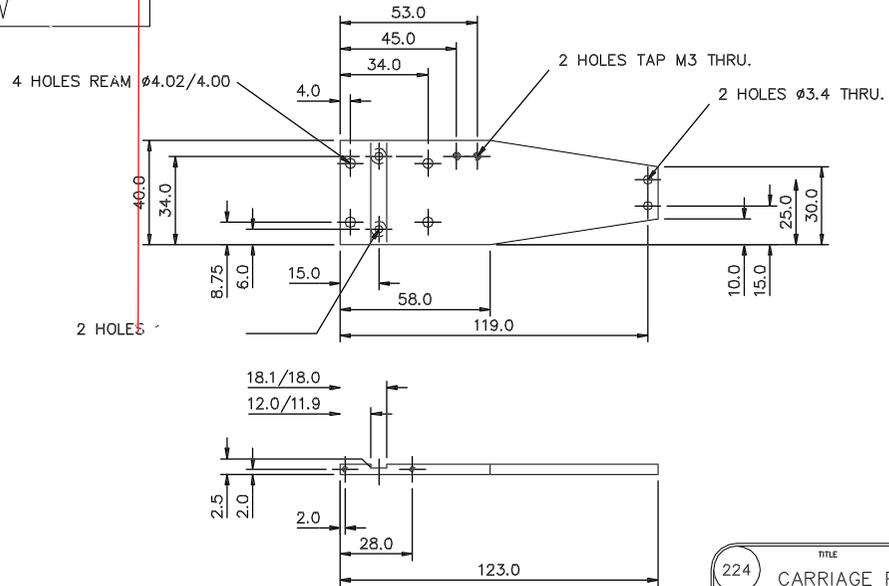
				Tolerance (Unless otherwise stated)		Material		Dimns. in m.m.		Scale		THIRD ANGLE PROJECTION		GA No.	
				X +/-		Finish		Drg. No.		ROYAL GREENWICH OBSERVATORY		Title		Drawing No.	
				X.X +/-		Used on		No. Req.		MADINGLEY ROAD		4.2m WYFFOS - SLIT UNIT		W/BL/218-22	
				X.XX +/-						CAMBRIDGE CB3 0EZ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

Drawing No.  
W/BL/223

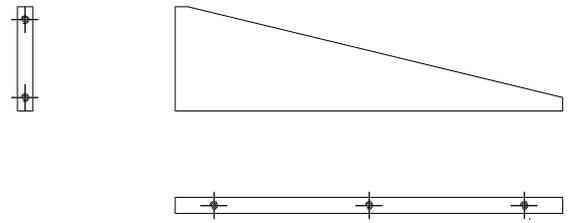


				Tolerance (Unless otherwise stated)		Material		Dimns. in m.m.		Scale 1:1		THIRD ANGLE PROJECTION		GA No. V/BL/200	
				X +/-		CAST AL. TOOLING PL.		1 OFF				Title		Drawing No.	
				X.X +/- 0.1		Finish		Drg.No. No.Req.		ROYAL GREENWICH OBSERVATORY		4.2m WYFFOS - SLIT UNIT		W/BL/223	
Issue Mod.No Date Drawn by Issue Mod.No Date Drawn by				X.XX +/- 0.01		MATT BLK. ANODISE		Used on		MADINGLEY ROAD		BASEPLATE			
				ANG +/- .5'						CAMBRIDGE CB3 0EZ					

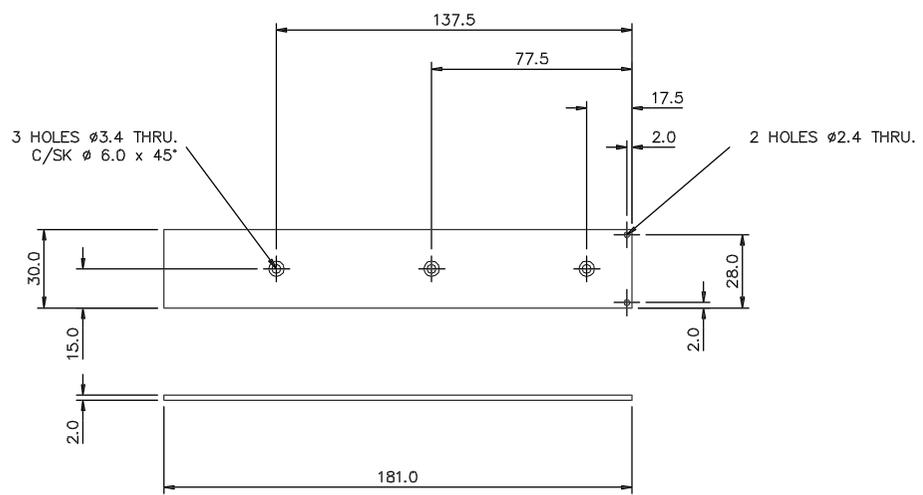
Drawing No.  
W



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	W/BL/224	



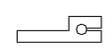
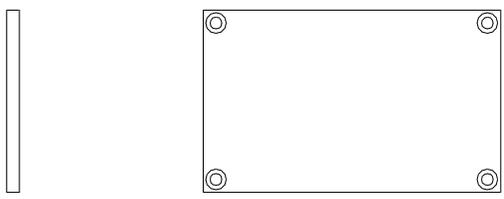
225	TITLE	DISC REF.
WEB		
MATERIAL	SCALE	TOLERANCES $\pm$
6062 AL.ALLOY	1:1	X 0.1 X.X X.XX
FINISH	No. REQD. PER UNIT	
MATT BLK.ANODISE	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	W/BL/225	



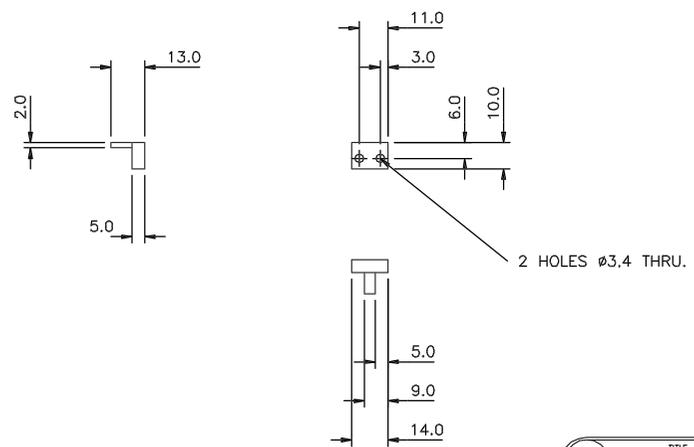
226	TITLE	DISC REF.
SHUTTER BLADE		
MATERIAL	SCALE	TOLERANCES $\pm$
6062 AL.ALLOY	1:1	X 0.1 X.X X.XX
FINISH	No. REQD. PER UNIT	
MATT BLK.ANODISE	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	W/BL/224	

Tolerance (Unless otherwise stated)						Material	Dimns.in m.m.	Scale	THIRD ANGLE PROJECTION	GA No.	
X +/-						Finish	Drg.No.	No.Req.	ROYAL GREENWICH OBSERVATORY	Title	Drawing No.
X.X +/-											
X.XX +/-								CAMBRIDGE	CB3 0EZ		
ANG. +/-											

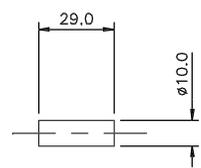
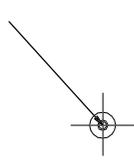
Drawing No.  
W



TOLERANCES ±  
X  
X.X  
X.XX



TAP THRU. M4

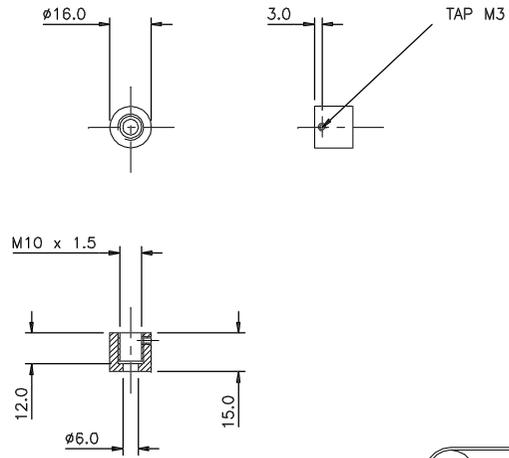


230	TITLE	DISC REF.
SWITCH FLAG		
MATERIAL	SCALE	TOLERANCES ±
MILD STEEL	1:1	X 0.1
FINISH	No. REQD. PER UNIT	X.X
BLK.NICKEL PL.	2 OFF	X.XX
G.A. No.	DRAWING No.	
V/BL/200	W/BL/230	

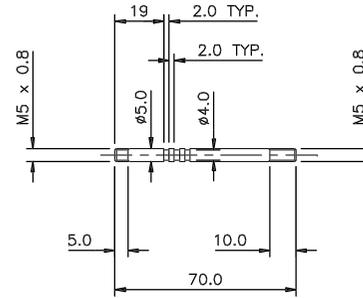
231	TITLE	DISC REF.
SUPPORT PILLAR		
MATERIAL	SCALE	TOLERANCES ±
6062 AL.ALLOY	1:1	X 0.1
FINISH	No. REQD. PER UNIT	X.X
MATT BLK.ANODISE	4 OFF	X.XX
G.A. No.	DRAWING No.	
V/BL/200	W/BL/231	

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

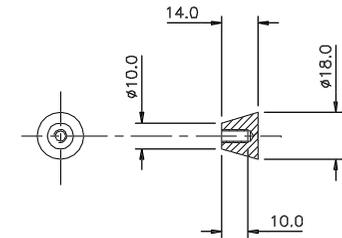
Drawing No.  
W/BL/232-5



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				

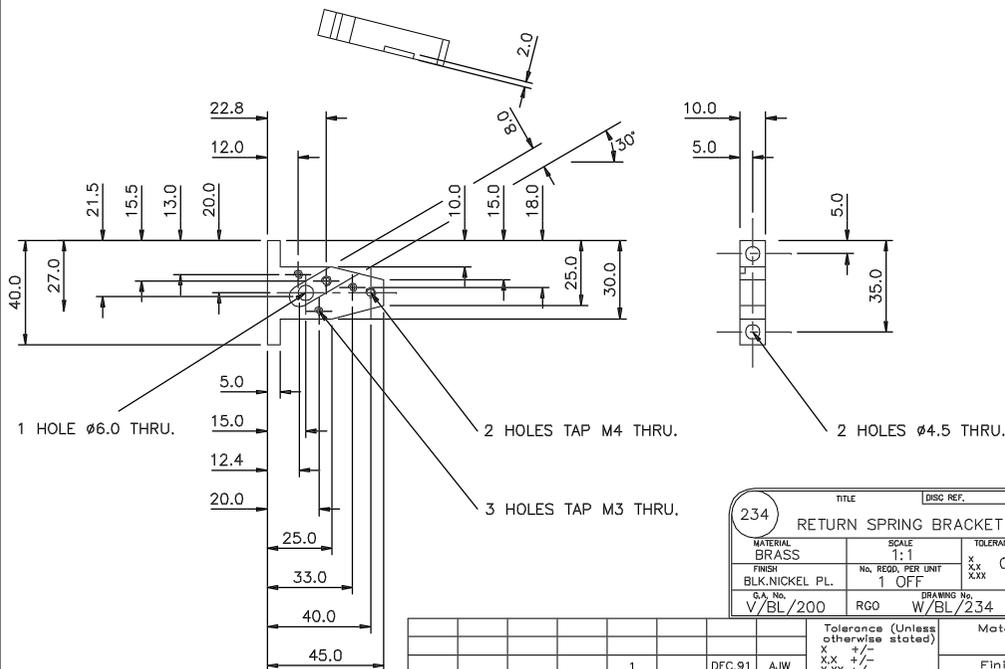


MAT'L - ST. STEEL

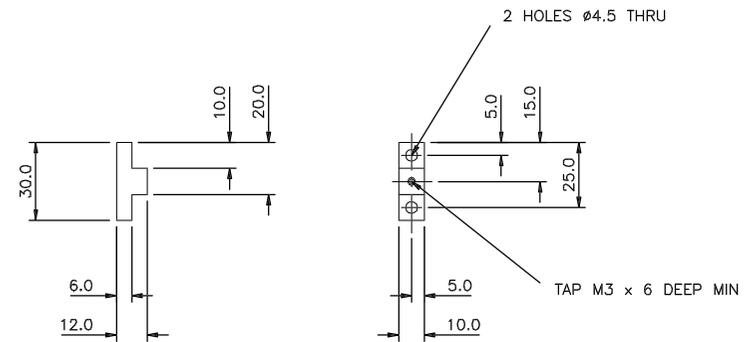


MAT'L - DELRIN

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				



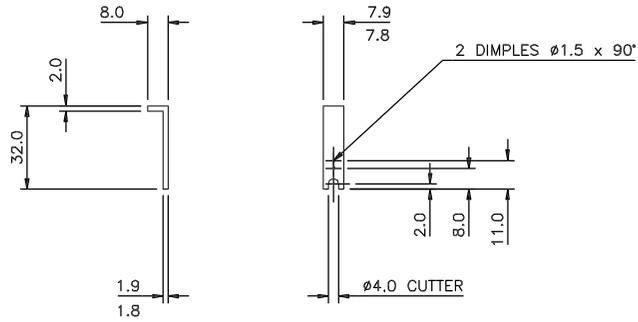
234		TITLE		DISC REF.	
RETURN SPRING BRACKET					
MATERIAL	SCALE	TOLERANCES		±	
BRASS	1:1	X	0.1		
FINISH	No. REQD. PER UNIT	X.X			
BLK.NICKEL PL	1 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	RGD W/BL/234				



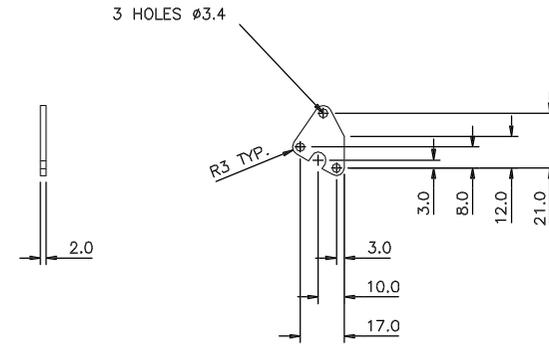
235		TITLE		DISC REF.	
CYLINDER MOUNT					
MATERIAL	SCALE	TOLERANCES		±	
6082 AL.ALLOY	1:1	X	0.1		
FINISH	No. REQD. PER UNIT	X.X			
MATT.BLK.ANODISE	1 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	RGD W/BL/235				

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	
		1		DEC.91		AJW						X +/-		ROYAL GREENWICH OBSERVATORY		1:1		Title		4.2m WYFFOS - SLIT UNIT		Drawing No.	
												X.X +/-		MADINGLEY ROAD						DETAILS		W/BL/232-5	
												X.XX +/-		CAMBRIDGE		CB3 0EZ							
												ANG. +/-											

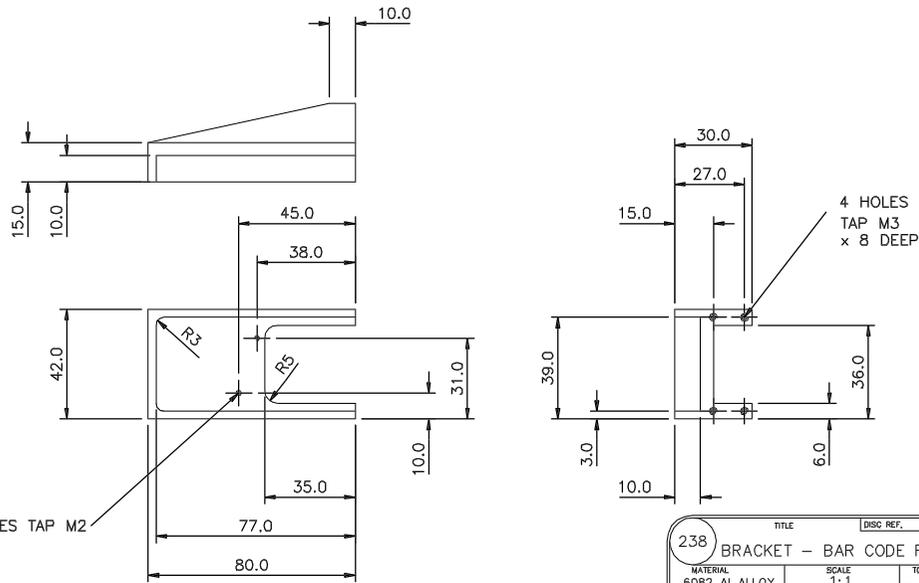
Drawing No.  
W/BL/236-40



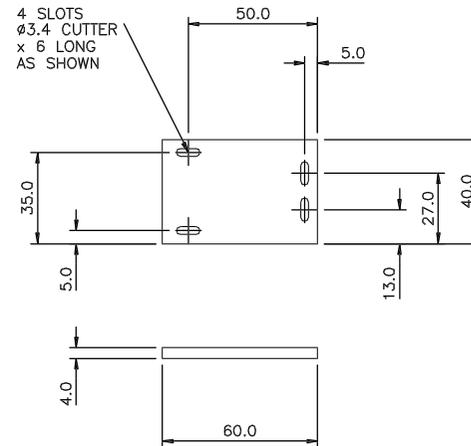
236	TITLE	DISC. REF.
LATCH		
MATERIAL ST. STEEL	SCALE 1:1	TOLERANCES ± X 0.1 X.X X.XX
FINISH CLEAN	No. REQD. PER UNIT 1 OFF	
G.A. No. V/BL/200	RGD	DRAWING No. W/BL/236



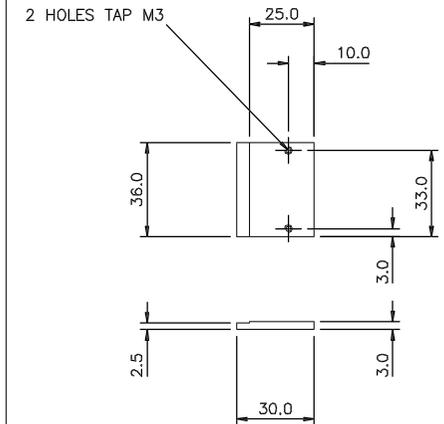
237	TITLE	DISC. REF.
RETAINING PLATE		
MATERIAL BRASS	SCALE 1:1	TOLERANCES ± X 0.1 X.X X.XX
FINISH BL. NICKEL PL.	No. REQD. PER UNIT 1 OFF	
G.A. No. V/BL/200	RGD	DRAWING No. W/BL/237



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



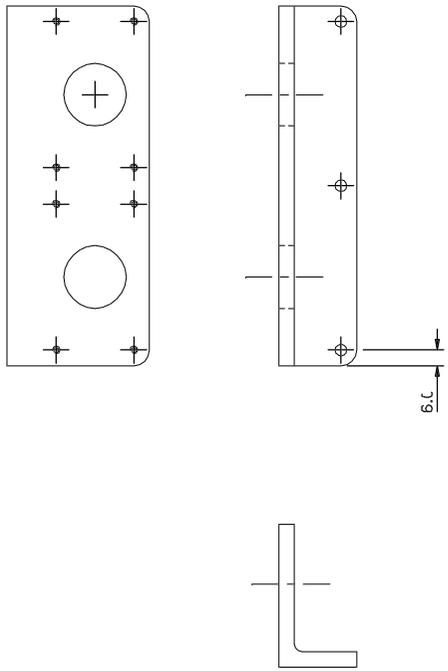
240	TITLE	DISC. REF.
BAR CODE PLATE		
MATERIAL 6082 AL. ALLOY	SCALE 1:1	TOLERANCES ± X 0.1 X.X X.XX
FINISH MATT BLK. ANODISE	No. REQD. PER UNIT 1 OFF	
G.A. No. V/BL/200	RGD	DRAWING No. W/BL/240

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



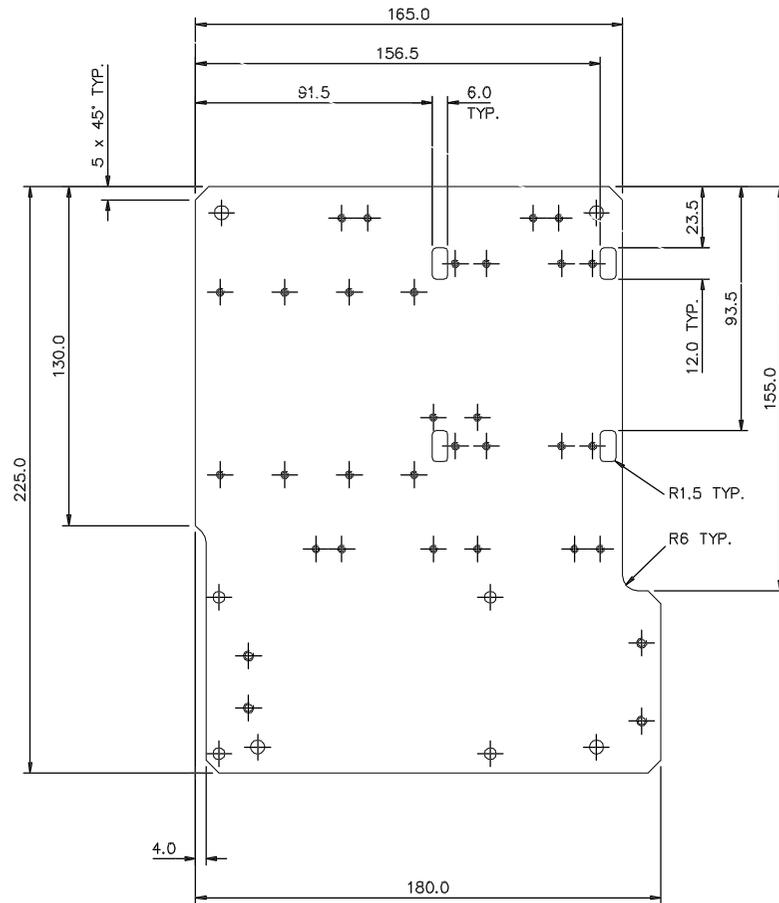


Drawing No.  
W



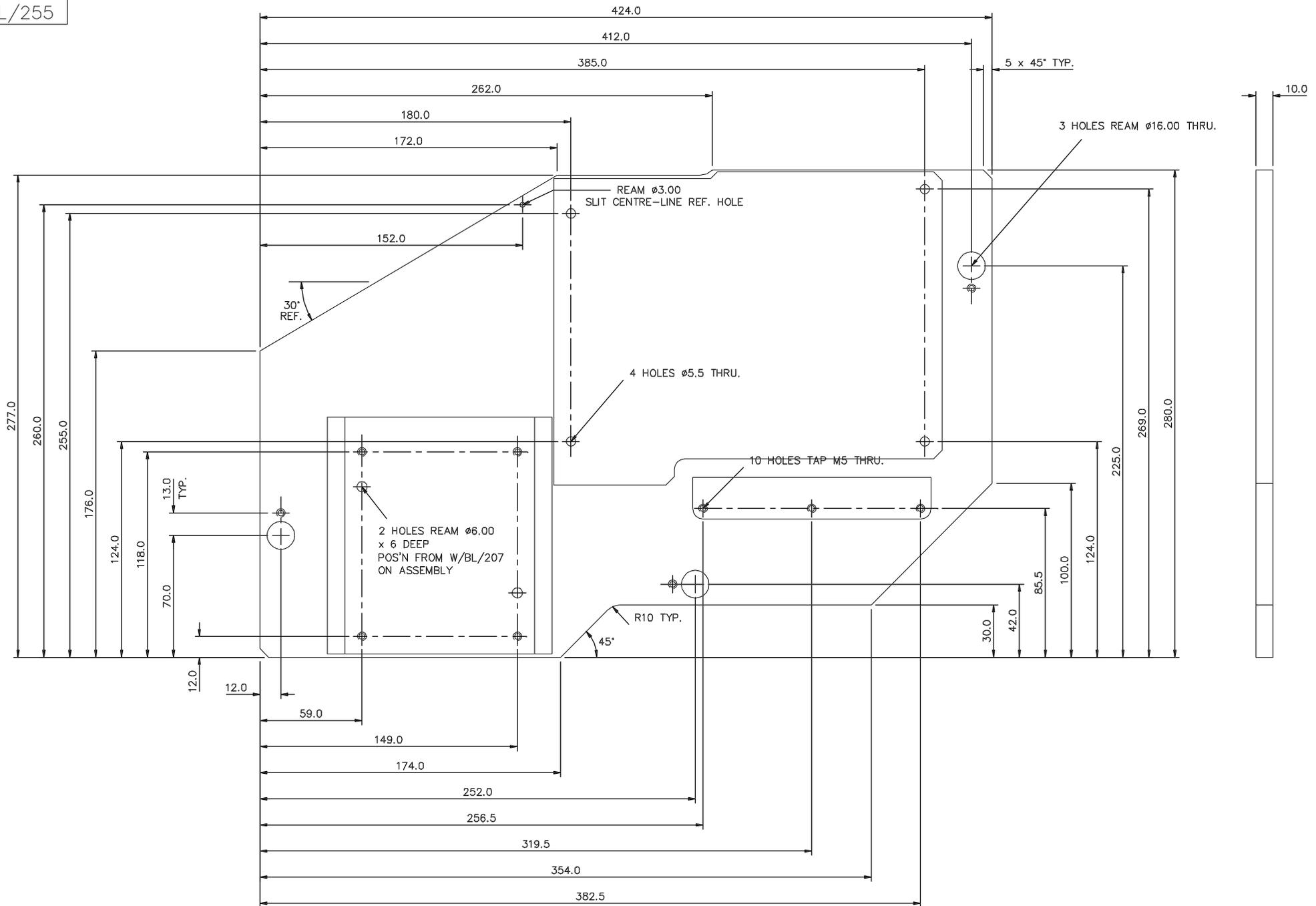
246	TITLE	DISC. REF.
MOTOR BRACKET		
MATERIAL	SCALE	TOLERANCES ±
6062 AL. ALLOY	1:1	X 0,1
FINISH	No. REQS. PER UNIT	X.X
WATT BLK. ANODISE	1 OFF	X.XX
G.A. No.	DRG. No.	
V/BL/200	RG0 W/BL/246	

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



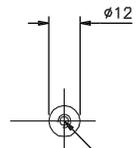
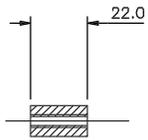
HOLE REF.	CO-ORDINATES X	CO-ORDINATES Y	DESCRIPTION
1	24.0	10.0	
2	155.0	10.0	
3	10.0	215.0	
4	155.0	215.0	
5	9.0	7.5	
6	114.0	7.5	
7	114.0	67.5	
8	9.0	67.5	
9	20.5	25.0	
10	20.5	45.0	
11	172.5	20.0	
12	172.5	50.0	
13	46.5	86.0	
14	56.5	86.0	
15	92.0	86.0	
16	109.0	86.0	
17	146.5		
18	156.		
19			
20			
21			
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				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	
Issue Mod.No Date Drawn by Issue Mod.No Date Drawn by				X.XX +/-		MATT BLK.ANODISE		Used on		CAMBRIDGE CB3 0EZ		4.2m WYFFOS- SLIT UNIT		W/BL/254	
				ANG. +/-								SUB PLATE FILTERS & SHUTTER			



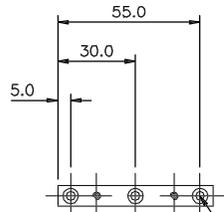
				Tolerance (Unless otherwise stated)		Material		Dimns. in m.m.		Scale 1:1		THIRD ANGLE PROJECTION		GA No. V/BL/200	
				X +/-		CAST AL TOOLING PL		1 OFF				Title 4.2m WYFFOS - SLIT UNIT MOUNTING PLATE		Drawing No. W/BL/255	
				XX +/- 0.1		Finish		Drg.No. No.Req.		ROYAL GREENWICH OBSERVATORY					
Issue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

Drawing No.  
W/BL/256-61



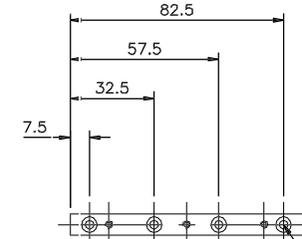
TAP M5 THRU.

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				



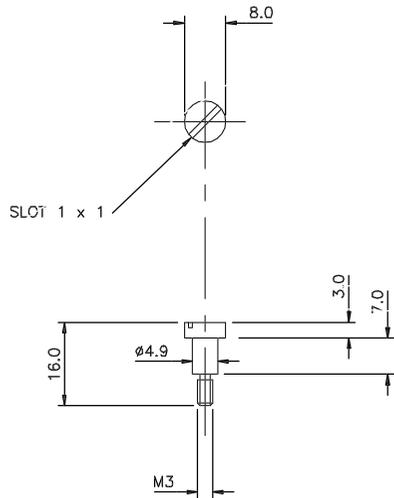
3 HOLES Ø3.4  
C/BORE Ø6.0 x 3.5 DEEP

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				



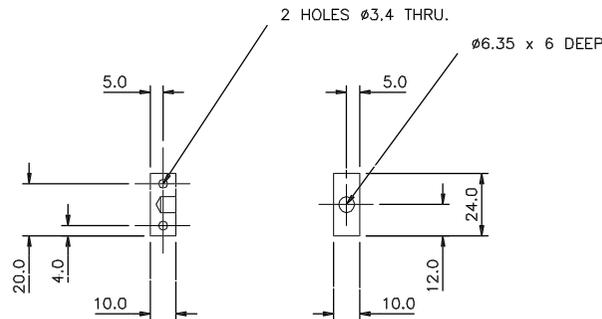
3 HOLES Ø3.4  
C/BORE Ø6.0 x 3.5 DEEP

258		TITLE		DISC REF.	
MODS. TO BACKING PLATE					
MATERIAL	SCALE	TOLERANCES ±			
HEPCO MBP/90/12	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				



SLOT 1 x 1

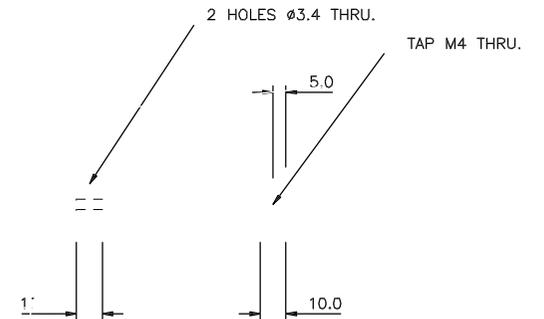
259		TITLE		DISC REF.	
SHOULDER SCREW					
MATERIAL	SCALE	TOLERANCES ±			
ST.STL	2:1	X	+	-	0.1
FINISH	No. REQD. PER UNIT	X	+	-	X,XX
CLEAN	1 OFF	X,XX	+	-	
G.A. No.	DRAWING No.				
V/BL/200	W/BL/259				



2 HOLES Ø3.4 THRU.

Ø6.35 x 6 DEEP

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				



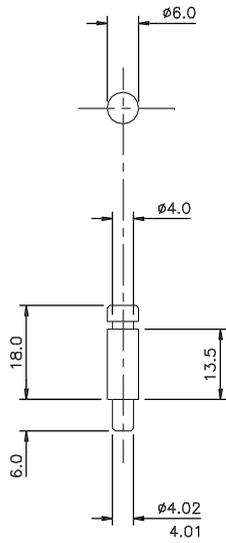
2 HOLES Ø3.4 THRU.

TAP M4 THRU.

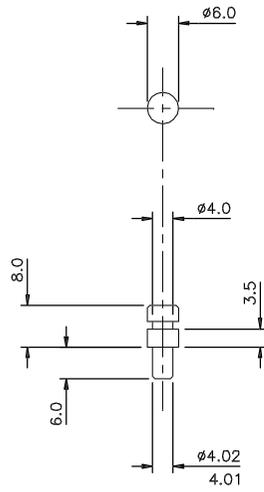
261		TITLE		DISC REF.	
ADJUSTER BLOCK					
MATERIAL	SCALE	TOLERANCES ±			
6082 AL.ALLOY	1:1	X	+	-	0.1
FINISH	No. REQD. PER UNIT	X	+	-	X,XX
MATT BLK.ANODISE	1 OFF	X,XX	+	-	
G.A. No.	DRAWING No.				
V/BL/200	W/BL/261				

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	
1		DEC.91		AJW									X	+	-	ROYAL GREENWICH OBSERVATORY				4.2m WYFFOS - SLIT UNIT		Drawing No.	
													X	+	-	MADINGLEY ROAD				DETAILS		W/BL/256-61	
													X	+	-	CAMBRIDGE							
													ANG.	+	-								

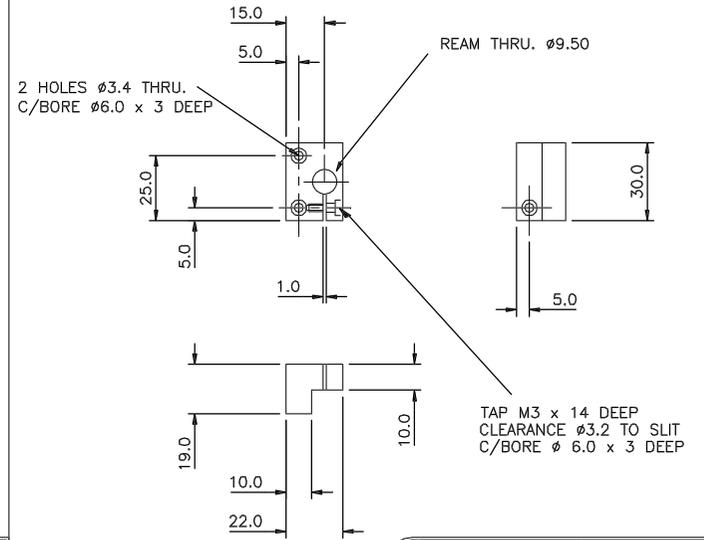
Drawing No.  
W/BL/262-7



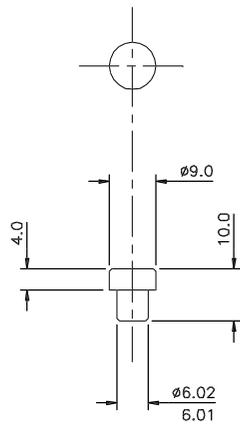
262		TITLE		DISC. REF.	
SPRING POST					
MATERIAL	SCALE	TOLERANCES ±			
ST.STL.	2:1	X	0.1		
FINISH	No. REQD. PER UNIT	X.X			
BLK.NICKEL PL	1 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	RGD W/BL/262				



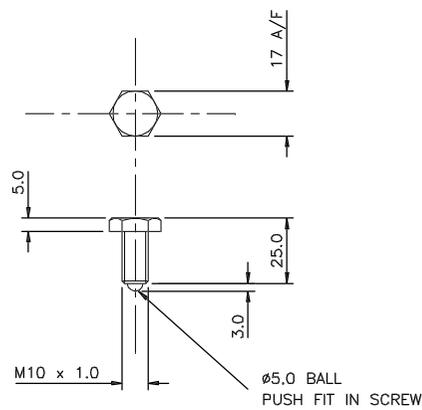
263		TITLE		DISC. REF.	
SPRING POST					
MATERIAL	SCALE	TOLERANCES ±			
ST.STL.	2:1	X	0.1		
FINISH	No. REQD. PER UNIT	X.X			
BLK.NICKEL PL	1 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	RGD W/BL/262				



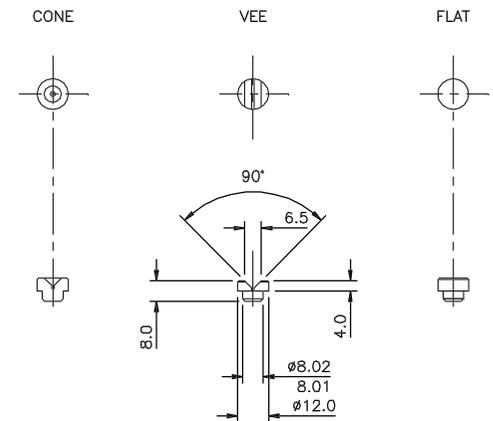
264		TITLE		DISC. REF.	
MICROMETER BLOCK					
MATERIAL	SCALE	TOLERANCES ±			
6062 AL.ALLOY	1:1	X	0.1		
FINISH	No. REQD. PER UNIT	X.X			
MATT BLK.ANODISE	1 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	RGD W/BL/264				



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	RGD W/BL/265				



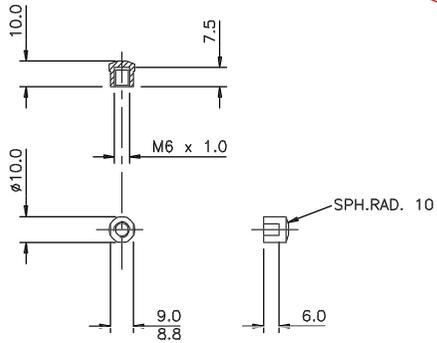
266		TITLE		DISC. REF.	
ADJUSTING SCREW					
MATERIAL	SCALE	TOLERANCES ±			
ST.STL.	1:1	X	0.1		
FINISH	No. REQD. PER UNIT	X.X			
CLEAN	3 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	RGD W/BL/266				



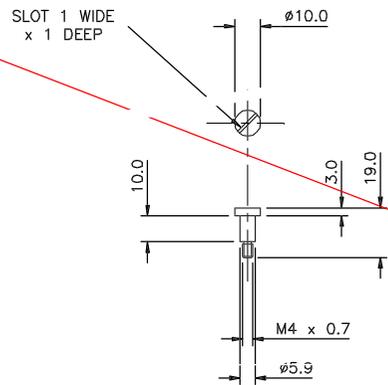
267		TITLE		DISC. REF.	
KINEMATIC SEAT					
MATERIAL	SCALE	TOLERANCES ±			
ST.STL.	1:1	X	0.1		
FINISH	No. REQD. PER UNIT	X.X			
CLEAN	1 OFF EACH	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	RGD W/BL/267				

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	
													X	+	-	ROYAL GREENWICH OBSERVATORY				Title		Drawing No.	
													X.X	+/-		MADINGLEY ROAD				4.2m WYFFOS - SLIT UNIT		W/BL/262-7	
													X.XX	+/-		CAMBRIDGE				DETAILS			
													ANG.	+/-		CB3 0EZ							

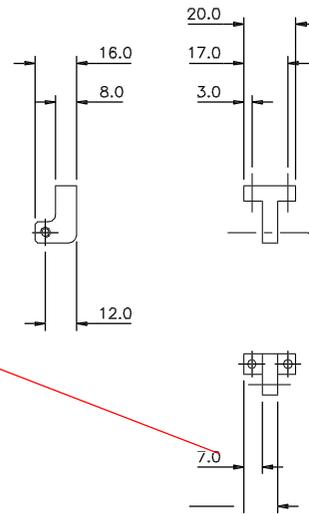
Drawing No.  
W/BL/268-



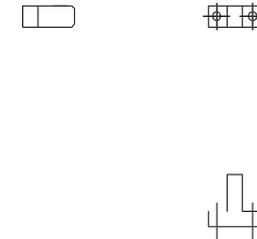
TITLE		DISC. REF.	
268	END CAP - PISTON		
MATERIAL	SCALE	TOLERANCES ±	
BRASS	1:1	x	0.1
FINISH	No. REQD. PER UNIT	x	
CLEAN	1 OFF	x.xx	
G.A. No.	DRAWING No.		
V/BL/200	RGO W/BL/268		



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

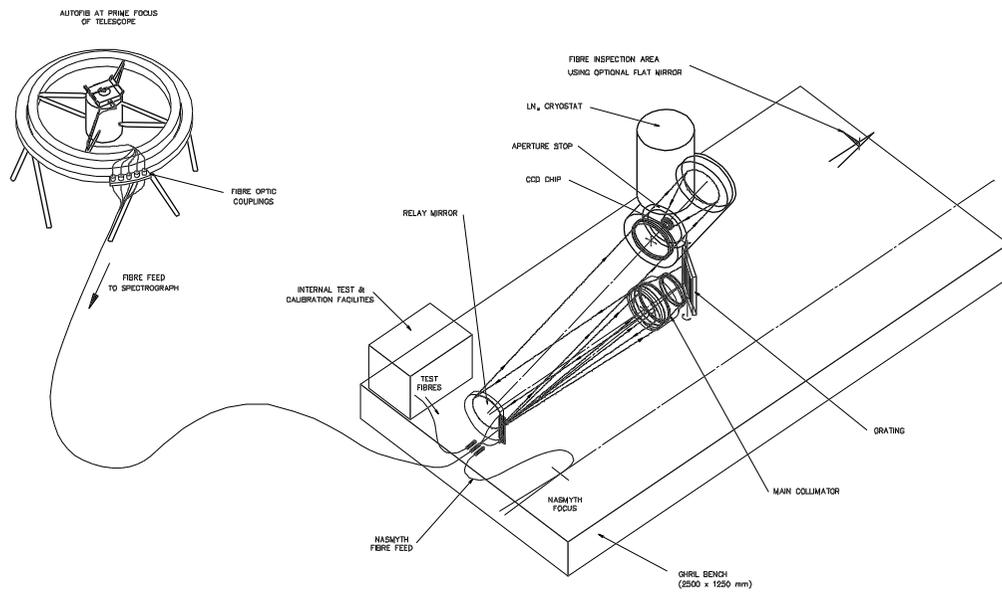


TITLE		DISC. REF.	
270	STOP BRACKET		
MATERIAL	SCALE	TOLERANCES ±	
6062 AL.ALLOY	1:1	x	0.1
FINISH	No. REQD. PER UNIT	x	
MATT BLK.ANODISE	2 OFF	x.xx	
G.A. No.	DRAWING No.		
V/BL/200	RGO W/BL/270		



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

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



FIBRE OPTIC SPECTROGRAPH (WYFFOS) – REFLECTION GRATING SYSTEM LAYOUT

