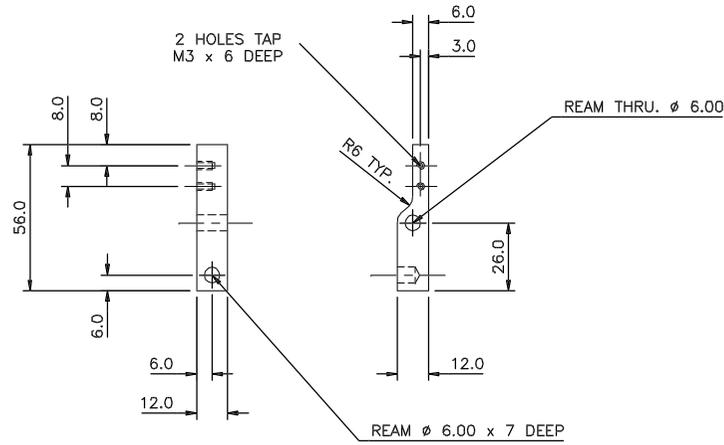
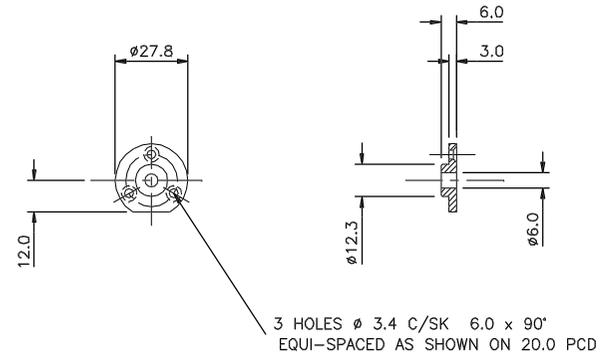


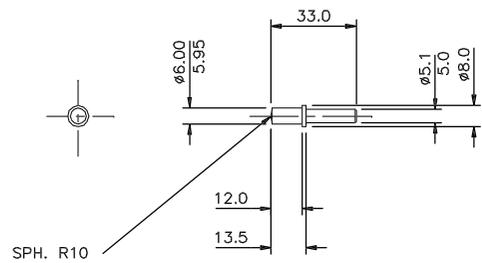
REMOVE ALL SHARP EDGES



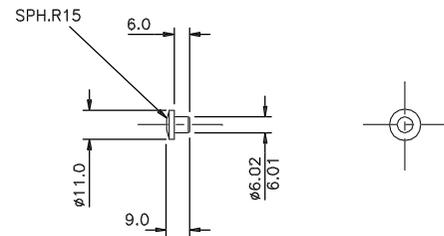
213	TITLE	DISC REF.
CLAMP LEVER		
MATERIAL	SCALE	TOLERANCES ±
ST.STL	1:1	X 0.1 X.X 0.1 X.XX
FINISH	No. REQD. PER UNIT	
BLK.NICKEL PL	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	W/BL/213	



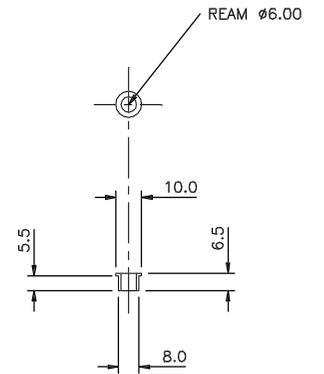
214	TITLE	DISC REF.
SPRING CAP		
MATERIAL	SCALE	TOLERANCES ±
6062 AL.ALLOY	1:1	X 0.1 X.X 0.1 X.XX
FINISH	No. REQD. PER UNIT	
MATT BLK.ANODISE	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	W/BL/214	



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	

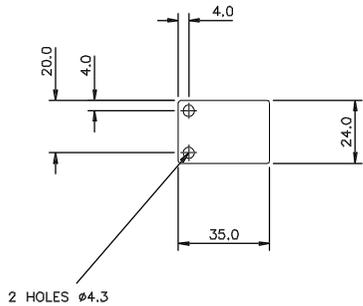


217	TITLE	DISC REF.
BUSH		
MATERIAL	SCALE	TOLERANCES ±
BRASS	1:1	X 0.1 X +/- X.X +/- X.XX +/- ANG. +/-
FINISH	No. REQD. PER UNIT	
CLEAN	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	W/BL/217	

				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 +/-		Used on		No.Req.		MADINGLEY ROAD		4.2m WYFFOS - SLIT UNIT		W/BL/213-7	
				X.XX +/-						CAMBRIDGE CB3 0EZ		DETAILS			
Issue Mod.No				Date											
1				NOV.91		AJW									

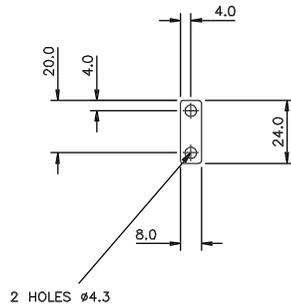
DRG NO. W/BL/288-

DO NOT SCALE



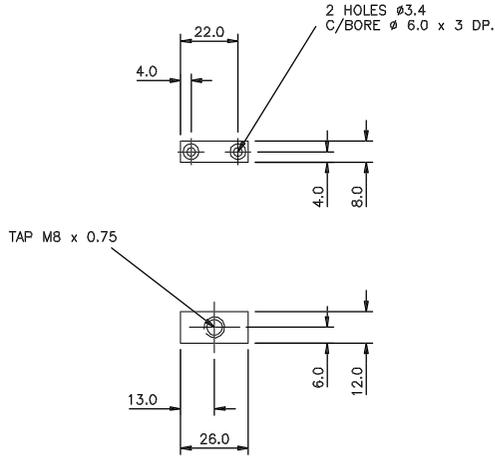
2 HOLES $\phi 4.3$

NOTE
1mm THICK



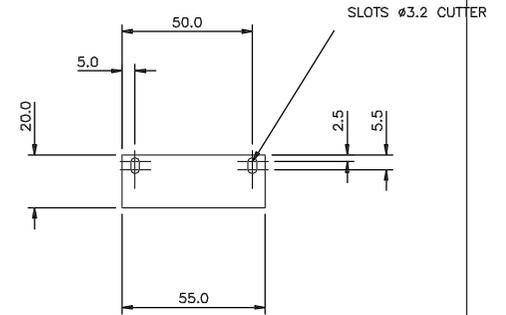
2 HOLES $\phi 4.3$

NOTE
1.6mm THICK
TO SUIT GRP FRICTION PAD



TAP M8 x 0.75

2 HOLES $\phi 3.4$
C/BORE $\phi 6.0 \times 3$ DP.



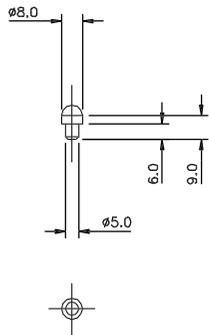
SLOTS $\phi 3.2$ CUTTER

TITLE		DISC REF.	
288	CLAMP VANE		
MATERIAL	SCALE	TOLERANCES \pm	
ST.STL	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	W/BL/288		

TITLE		DISC REF.	
289	CLAMP VANE SPACER		
MATERIAL	SCALE	TOLERANCES \pm	
AL.ALLOY	1:1	X	0.1
FINISH	No. REQD. PER UNIT	X.X	
BLK.ANODISE	1 OFF	X.XX	
G.A. No.	DRAWING No.		
V/BL/200	W/BL/289		

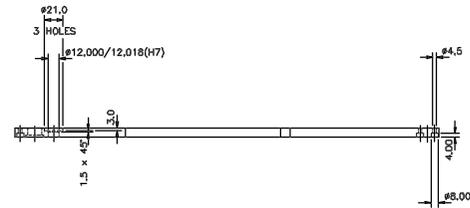
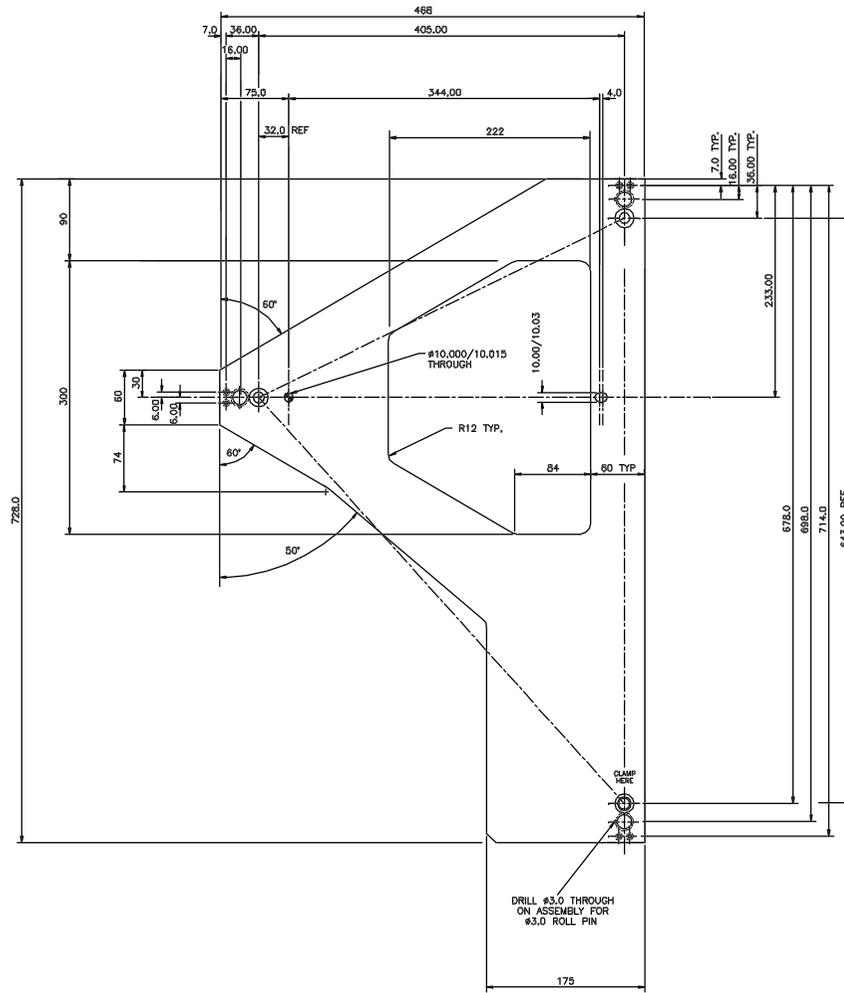
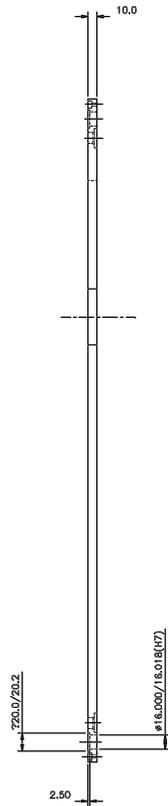
TITLE		DISC REF.	
290	STOP BLOCK		
MATERIAL	SCALE	TOLERANCES \pm	
AL.ALLOY	1:1	X	0.1
FINISH	No. REQD. PER UNIT	X.X	
BLK.ANODISE	1 OFF	X.XX	
G.A. No.	DRAWING No.		
V/BL/200	W/BL/290		

TITLE		DISC REF.	
291	SWITCH PLATE - FIBRE ID		
MATERIAL	SCALE	TOLERANCES \pm	
AL.ALLOY	1:1	X	0.1
FINISH	No. REQD. PER UNIT	X.X	
BLK.ANODISE	1 OFF	X.XX	
G.A. No.	DRAWING No.		
V/BL/200	W/BL/291		



TITLE		DISC REF.	
292	BUTTON FIBRE ID		
MATERIAL	SCALE	TOLERANCES \pm	
ST.STL	1:1	X	0.1
FINISH	No. REQD. PER UNIT	X.X	
CLEAN	2 OFF	X.XX	
G.A. No.	DRAWING No.		
V/BL/200	W/BL/292		

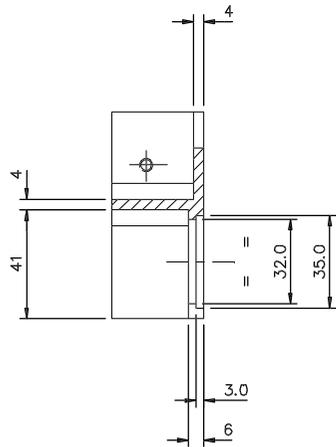
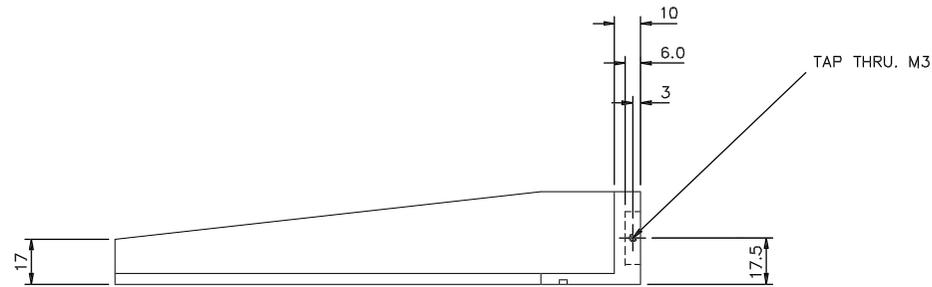
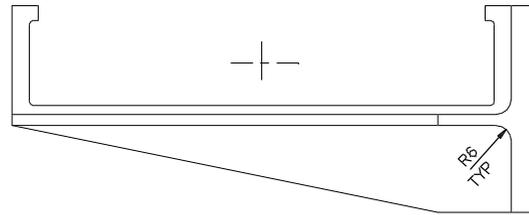
				TOLERANCES (UNLESS OTHERWISE STATED)		MATERIAL	THIRD ANGLE PROJECTION	DIMS IN mm	ORIGINAL SCALE	ORIGINAL SHEET SIZE A1		G.A. NO.	V/BL/200	LOC'N. BL
ISSUE	MOD. NO.	DATE	DRAWN BY	1	13/09/94	AJW		ROYAL GREENWICH OBSERVATORY	TITLE	4.2M WYFFOS - SLIT UNIT DETAILS		DRG NO.	W/BL/288-	SHT. 1
								MADINGLEY ROAD						
								CAMBRIDGE CB3 0EZ						



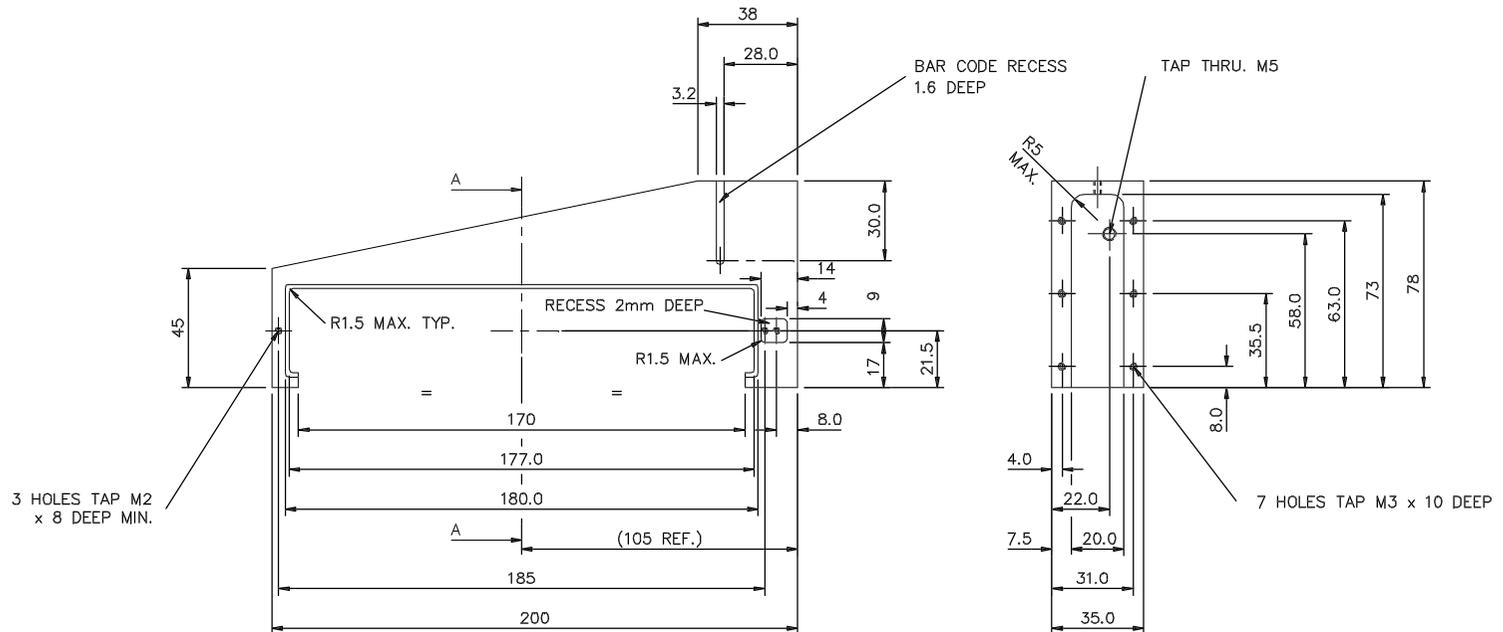
2		WIRE	
BASE PLATE			
STANDARD	SCALE	TOLERANCE	
ALCOA PLT	1:2	x	0.5
BLK ANODISED	NO. REQ. PER UNIT	xx	0.1
DRG NO. V/BL/600 R.S.O.		ISSUE NO. V/BL/602 SHI.2	

				TOLERANCES (UNLESS OTHERWISE STATED) X +/- XX +/- XXX +/- ANG +/-				MATERIAL FINISH		DIM IN MM SCALE 1:2		THIRD ANGLE PROJECTION TITLE ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD CAMBRIDGE CB3 0EZ		Q.A. NO. V/BL/600 DRG NO. SHI.2 OF 2 V/BL/602	
ISSUE	MOD. NO.	DATE	DRAWN BY	1		9/12/94	AJW		DRG NO.	NO. REQ.	4.2m WYFFOS CAMERA BASEPLATE No.2 USED WITH CAMERA IN REFLECTION GRATING MODE				

DO NOT SCALE
REMOVE ALL SHARP EDGES



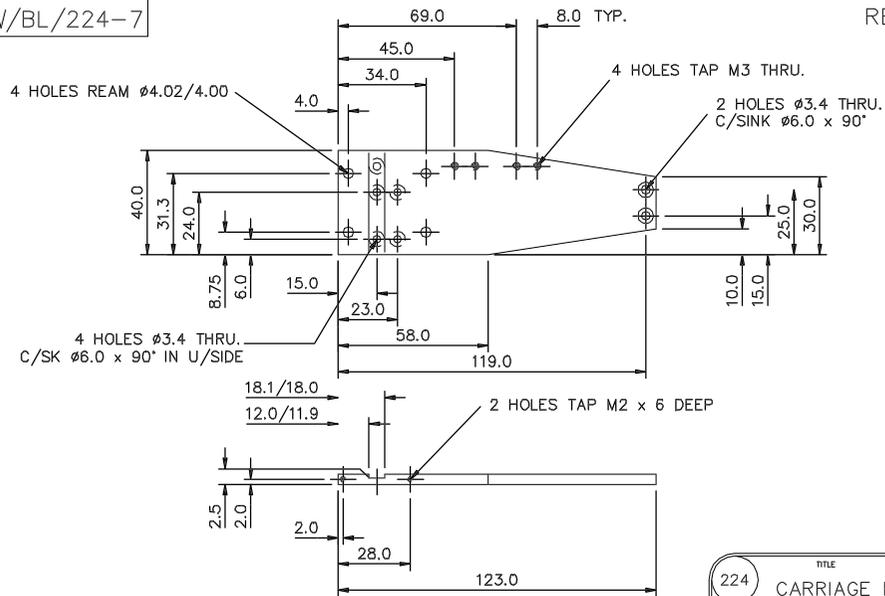
SECTION A-A



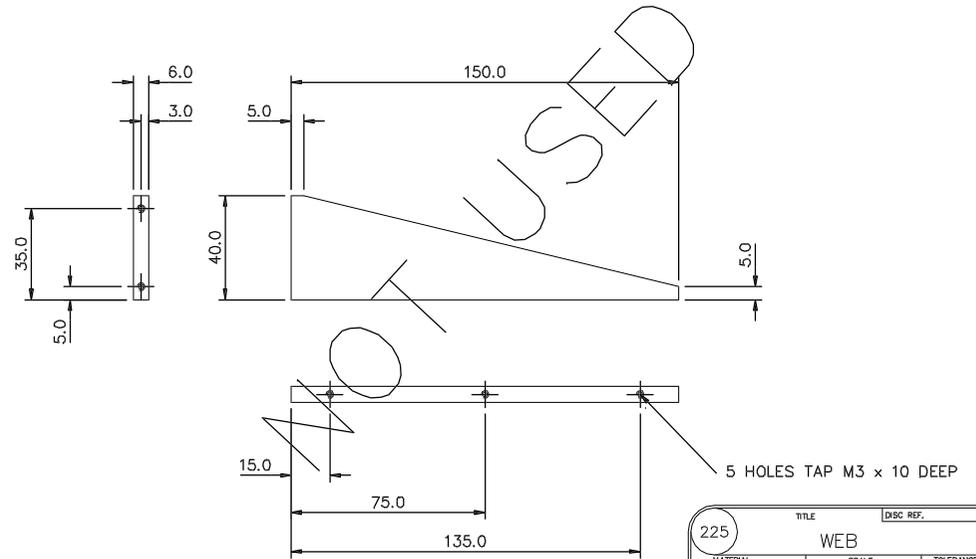
								TOLERANCES (UNLESS OTHERWISE STATED)	MATERIAL	THIRD ANGLE PROJECTION	DIMS IN mm	ORIGINAL SCALE	1:1	ORIGINAL SHEET SIZE	A1	G.A. NO.	V/BL/200	LOCN. BL	
								x ± 0.3	AL. ALLOY		ROYAL GREENWICH OBSERVATORY				TITLE	4.2 WYFFOS - SLIT UNIT FILTER HOLDER	DRG NO.		SHT. 1
								x.x ± 0.1	FINISH	NO. RECD PER ASS'Y	MADINGLEY ROAD								
ISSUE	MOD. NO.	DATE	DRAWN BY	ISSUE	MOD. NO.	DATE	DRAWN BY	MATT BLK. ANODISE	SEE ORDER	CAMBRIDGE	CB3	OEZ						W/BL/241	

Drawing No.
W/BL/224-7

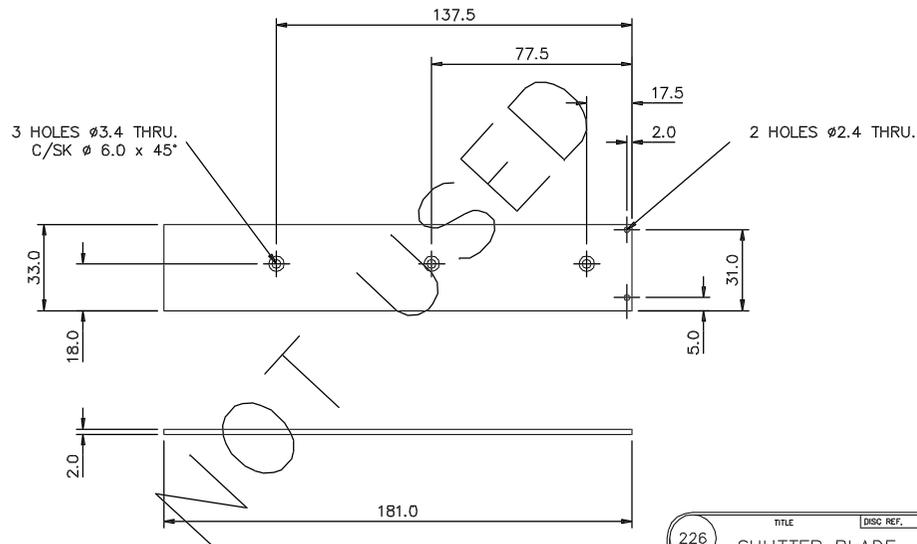
REMOVE ALL SHARP EDGES



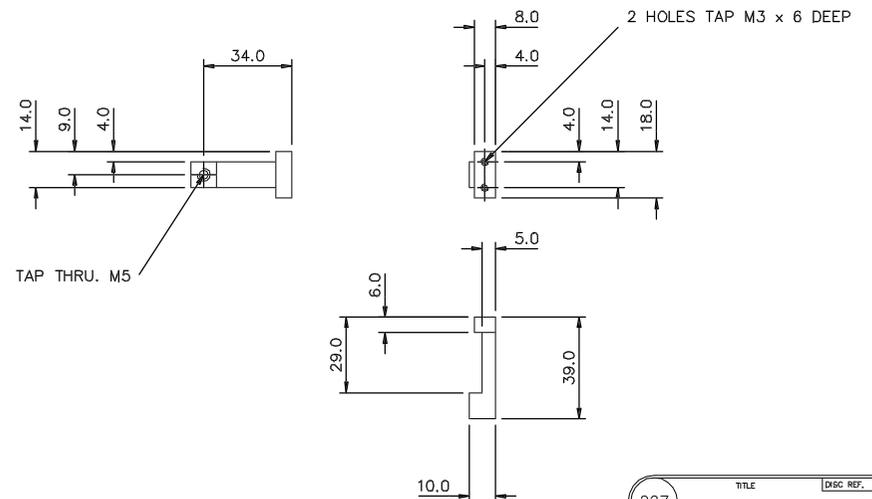
224	TITLE	DISC REF.
CARRIAGE PLATE		
MATERIAL	SCALE	TOLERANCES \pm
6062 AL.ALLOY	1:1	X 0.1 X.X X.XX
FINISH	No. REQ. PER UNIT	
MATT BLK.ANODISE	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	W/BL/224	



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

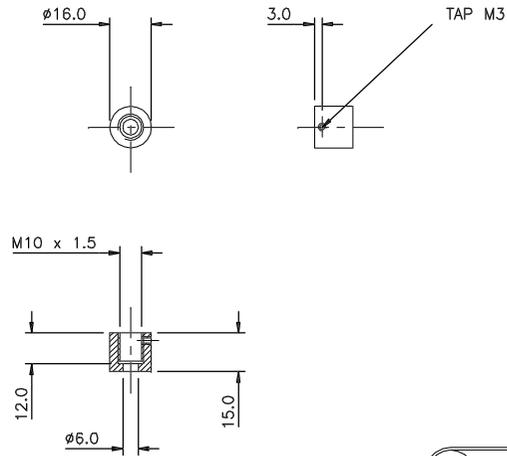


226	TITLE	DISC REF.
SHUTTER BLADE		
MATERIAL	SCALE	TOLERANCES \pm
6062 AL.ALLOY	1:1	X 0.1 X.X X.XX
FINISH	No. REQ. PER UNIT	
MATT BLK.ANODISE	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	W/BL/226	

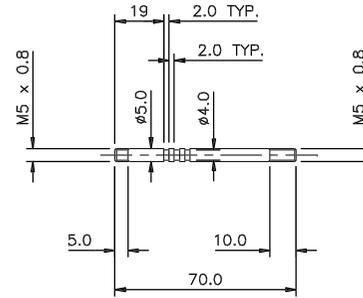


227	TITLE	DISC REF.
PUSH/PULL BRACKET		
MATERIAL	SCALE	TOLERANCES \pm
6062 AL.ALLOY	1:1	X 0.1 X.X X.XX
FINISH	No. REQ. PER UNIT	
MATT BLK.ANODISE	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	W/BL/227	

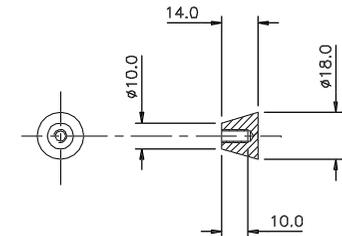
Tolerance (Unless otherwise stated)		Material	Dimns. in m.m.	Scale	THIRD ANGLE PROJECTION	GA No.
X +/-					4.2m WYFFOS - SLIT UNIT DETAILS	Drawing No. W/BL/224-7
X.X +/-		Finish	Drg.No.	No.Req.		
X.XX +/-			Used on		ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD CAMBRIDGE CB3 0EZ	



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	W/BL/232				

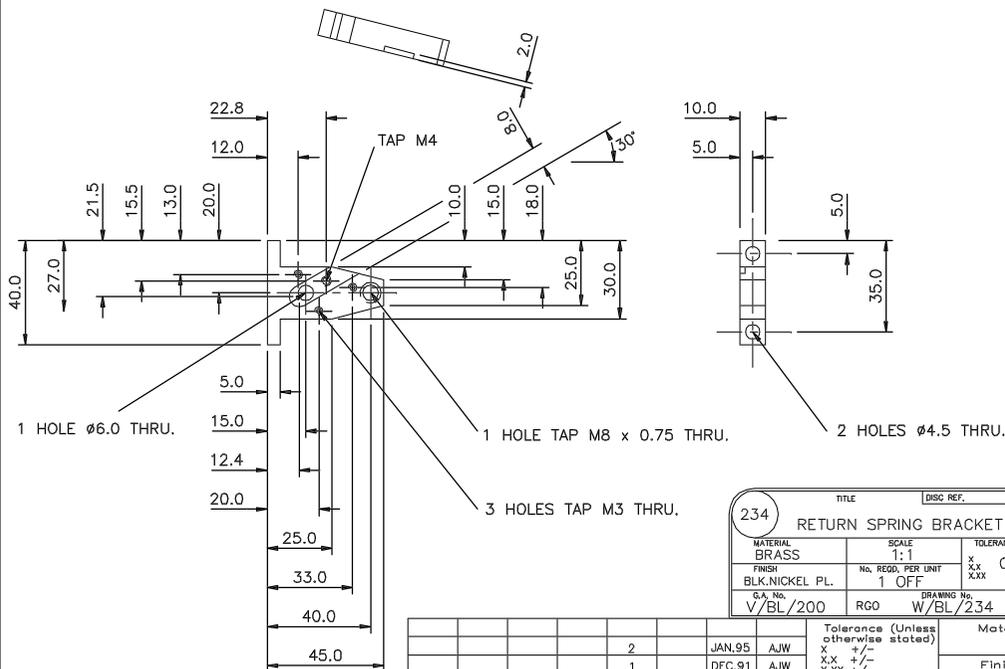


MAT'L - ST. STEEL

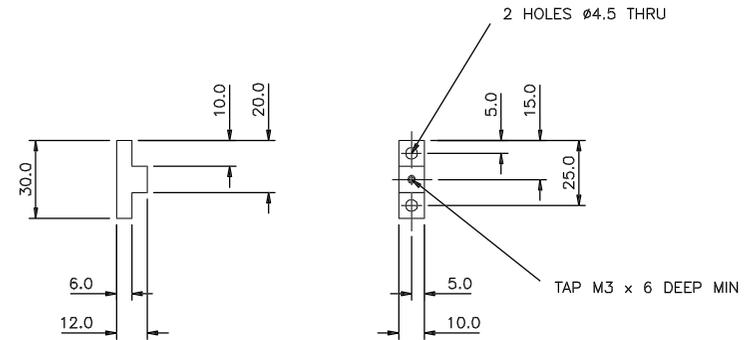


MAT'L - DELRIN

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	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	W/BL/234				

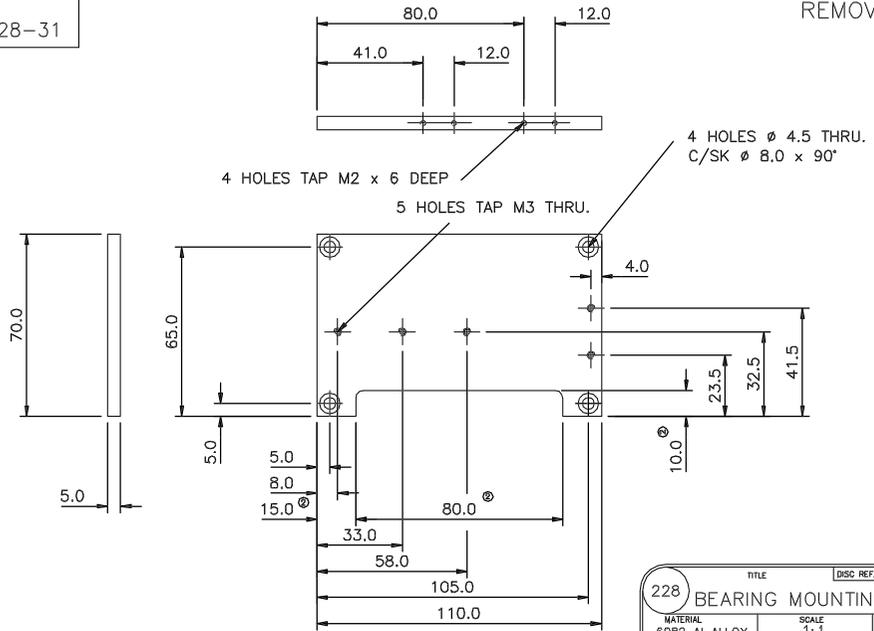


235		TITLE		DISC REF.	
CYLINDER MOUNT					
MATERIAL	SCALE	TOLERANCES		±	
6082 AL. ALLOY	1:1	X	0.1		
FINISH	No. REQD. PER UNIT	X.X			
MATT.BLK.ANODISE	1 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	W/BL/235				

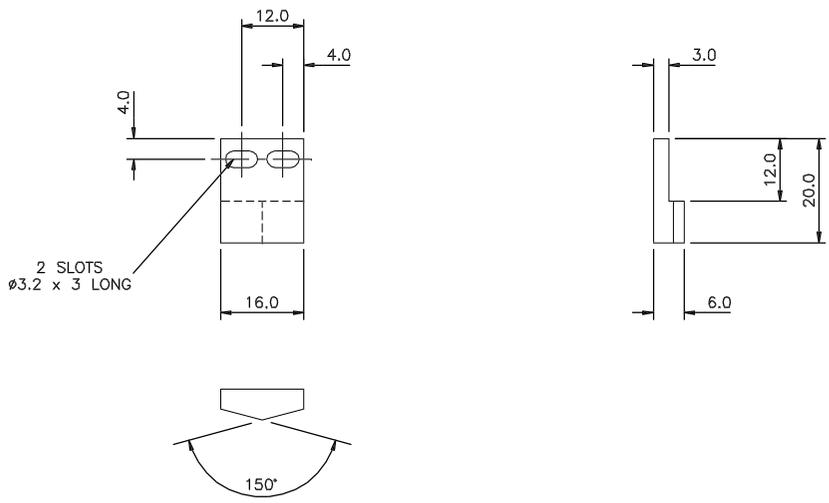
Issue		Date		Drawn by		Issue		Date		Drawn by		Material		Dimns. in m.m.		Scale		THIRD ANGLE PROJECTION		GA No. V/BL/200	
2		JAN 95		AJW		1		DEC 91		AJW		Material		ROYAL GREENWICH OBSERVATORY		Scale		Title		Drawing No.	
												Finish		Drg.No. No.Req.		MADINGLEY ROAD		4.2m WYFFOS - SLIT UNIT		W/BL/232-5	
												Used on		CAMBRIDGE CB3 0EZ				DETAILS			

Drawing No.
W/BL/228-31

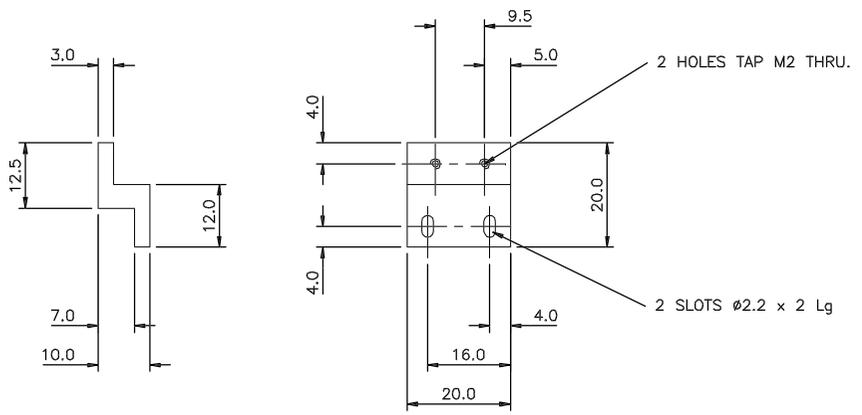
REMOVE ALL SHARP EDGES



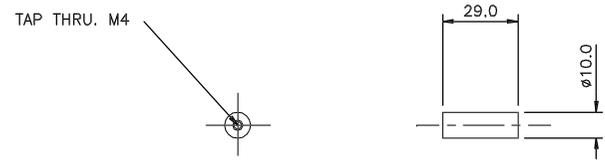
228		TITLE	DISC REF.
BEARING MOUNTING PLATE			
MATERIAL	SCALE	TOLERANCES ±	
6062 AL.ALLOY	1:1	X	0.1
FINISH	No. REQ. PER UNIT	X.X	
MATT BLK.ANODISE	1 OFF	X.XX	
G.A. No.	DRAWING No.		
V/BL/200	W/BL/228		



229		TITLE	DISC REF.
SWITCH FLAG - SHUTTER			
MATERIAL	SCALE	TOLERANCES ±	
6062 AL.ALLOY	2:1	X	0.1
FINISH	No. REQ. PER UNIT	X.X	
MATT BLK.ANODISE	2 OFF	X.XX	
G.A. No.	DRAWING No.		
V/BL/200	W/BL/229		



230		TITLE	DISC REF.
BRACKET MICRO SWITCH			
MATERIAL	SCALE	TOLERANCES ±	
6062 AL.ALLOY	2:1	X	0.1
FINISH	No. REQ. PER UNIT	X.X	
MATT BLK.ANODISE	2 OFF	X.XX	
G.A. No.	DRAWING No.		
V/BL/200	W/BL/230		

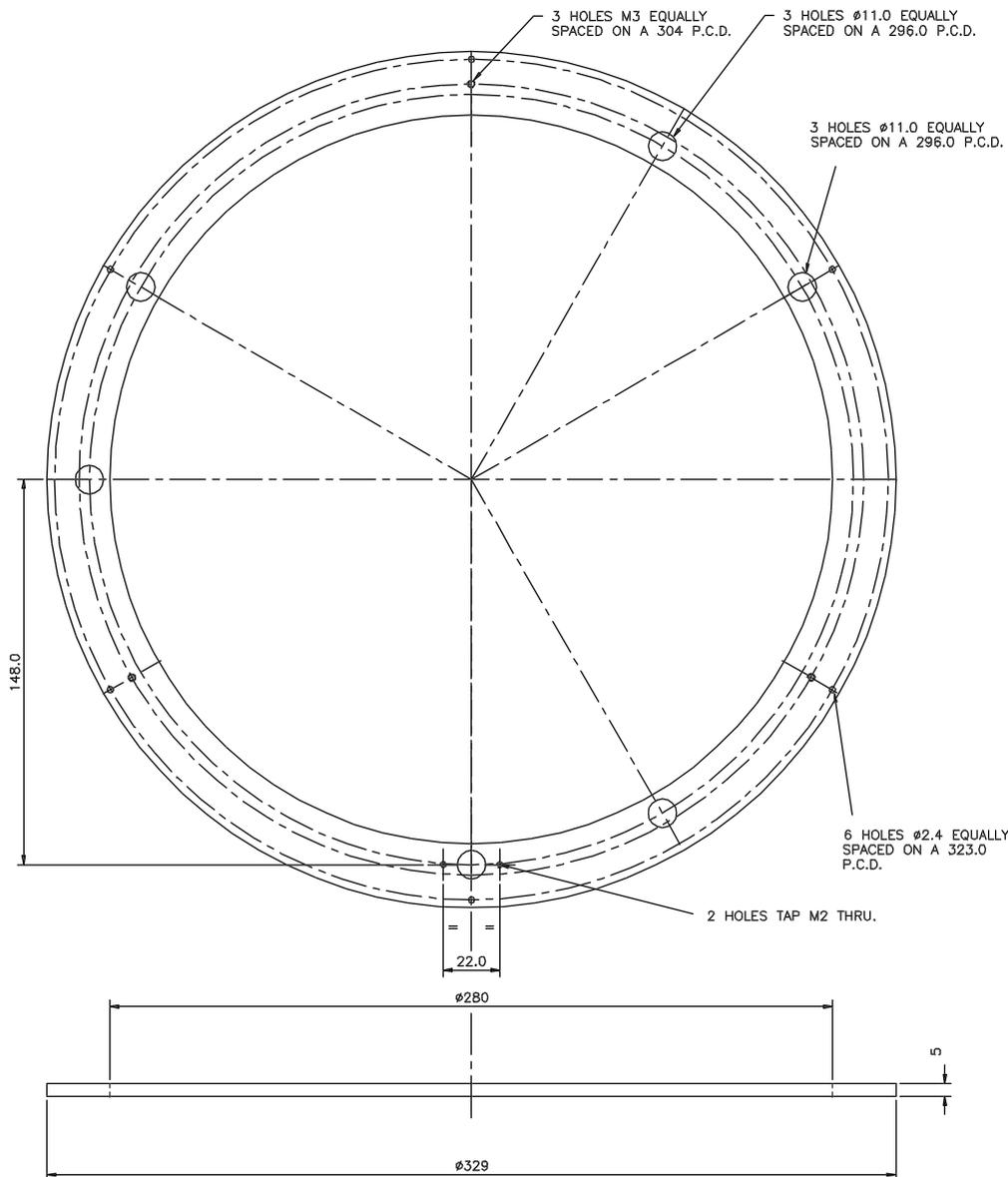


231		TITLE	DISC REF.
SUPPORT PILLAR			
MATERIAL	SCALE	TOLERANCES ±	
6062 AL.ALLOY	1:1	X	0.1
FINISH	No. REQ. PER UNIT	X.X	
MATT BLK.ANODISE	4 OFF	X.XX	
G.A. No.	DRAWING No.		
V/BL/200	W/BL/231		

		3		JAN.95	AJW	Tolerance (Unless otherwise stated)	Material	Dimns.in m.m.	Scale	THIRD ANGLE PROJECTION	GA No.				
		2		MAY.93	AJW							ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD CAMBRIDGE CB3 0EZ	Title	4.2m WYFFOS - SLIT UNIT DETAILS	Drawing No.
		1		DEC.91	AJW										
Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by								

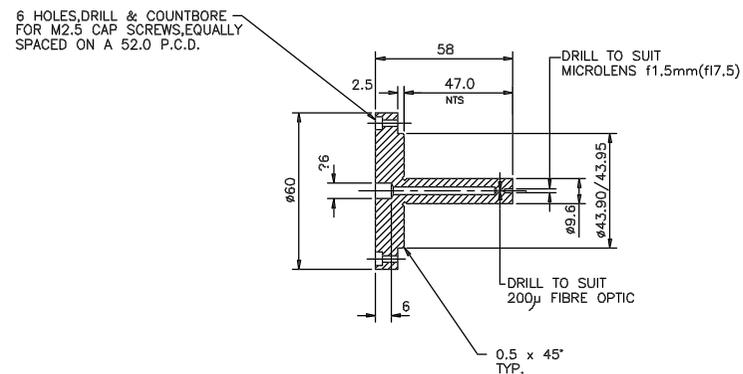
Drawing No.
W/BL/648-651

REMOVE ALL SHARP EDGES



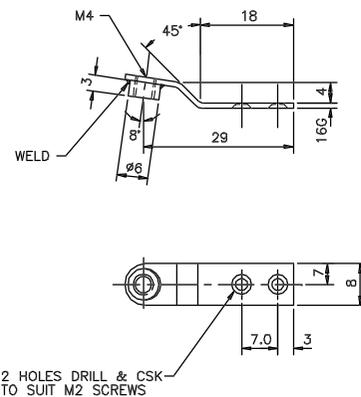
48		TITLE		MIRROR RETAINING RING	
MATERIAL	SCALE	TOLERANCES			
ALUM. ALLOY	1:1	x ±0.2			
FINISH	No. REQD. PER UNIT	x.x ±0.1			
MATT BLK ANODISE	1	x.xx			
G.A. No.	DRAWING No.				
V/BL/600	ISS A	R.G.O.	W/BL/648	ISS A	

REMOVE ALL SHARP EDGES



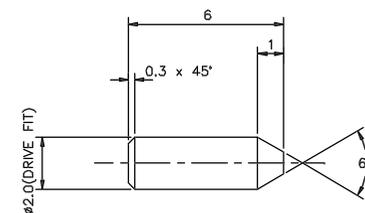
49		TITLE		EMITTER HOUSING	
MATERIAL	SCALE	TOLERANCES			
ALUM. ALLOY	1:1	x ±0.2			
FINISH	No. REQD. PER UNIT	x.x ±0.1			
MATT BLK ANODISE	1	x.xx			
G.A. No.	DRAWING No.				
V/BL/600	R.G.O.	W/BL/649			

REMOVE ALL SHARP EDGES



50		TITLE		SPRING CLIP	
MATERIAL	SCALE	TOLERANCES			
BERYL. Cu	2:1	x ±0.2			
FINISH	No. REQD. PER UNIT	x.xx ±0.1			
BLK NIC PLT	1	x.xx			
G.A. No.	DRAWING No.				
V/BL/600	R.G.O.	W/BL/650			

REMOVE ALL SHARP EDGES



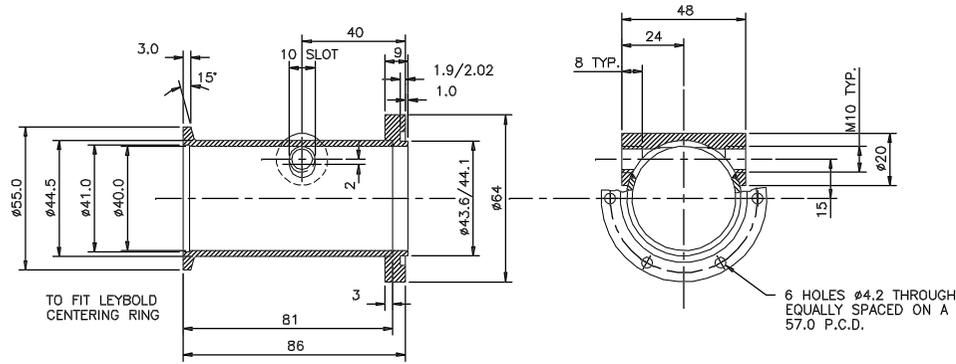
51		TITLE		PIN	
MATERIAL	SCALE	TOLERANCES			
STAINLESS ST.	10:1	x ±0.2			
FINISH	No. REQD. PER UNIT	x.x ±0.1			
MATT BLK	1	x.xx			
G.A. No.	DRAWING No.				
V/BL/600	R.G.O.	W/BL/650			

Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by
	2		AJW		A	DEC 91	PROMEC

Material	Dimns. in m.m.	Scale	THIRD ANGLE PROJECTION	
Finish	Drg.No.	No.Req.	DETAILS	
	Used on		ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD CAMBRIDGE CB3 0EZ	

G.A. No.	Drawing No.
V/BL/600	W/BL/648-651

REMOVE ALL SHARP EDGES

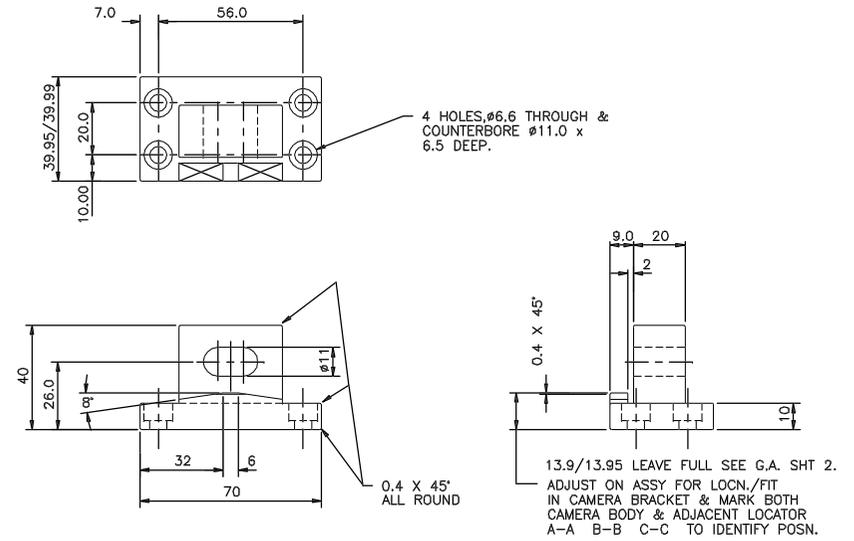


WELD PREPARATIONS AS FOR VACUUM WELDING
(MEASURED WEIGHT 0.4kg)

NOTE 1
MATERIAL:-AISI304 STAINLESS STL EN 58E

84				TITLE VACUUM PIPE(CAMERA)			
MATERIAL	SCALE	TOLERANCES					
SEE NOTE	1:1	x	±0.2				
FINISH	No. REQD. PER UNIT	x,x	±0.1				
CLEAN	1	x,xx					
G.A. No.	DRAWING No.						
V/BL/600	R.G.O. W/BL/684						

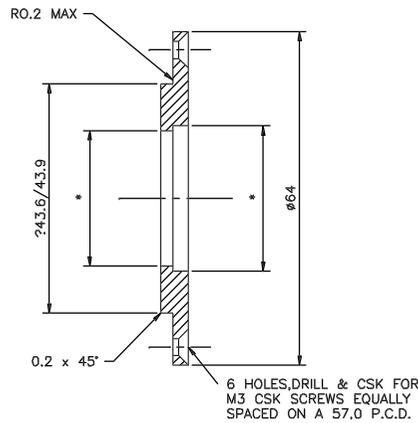
REMOVE ALL SHARP EDGES



13.9/13.95 LEAVE FULL SEE G.A. SHT 2.
ADJUST ON ASSY FOR LOCN./FIT
IN CAMERA BRACKET & MARK BOTH
CAMERA BODY & ADJACENT LOCATOR
A-A B-B C-C TO IDENTIFY POSN.

85				TITLE PORT ADAPTOR			
MATERIAL	SCALE	TOLERANCES					
STAINLESS ST.	1:1	x	±0.2				
FINISH	No. REQD. PER UNIT	x,x	±0.1				
BLK NIC PLT.	3	x,xx					
G.A. No.	DRAWING No.						
V/BL/600	R.G.O. W/BL/685						

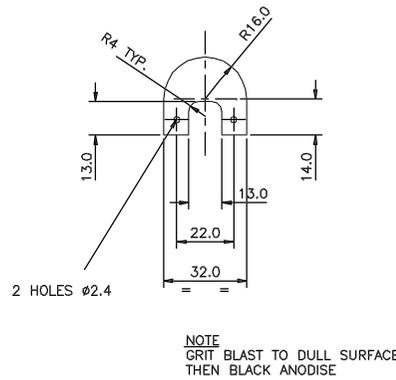
REMOVE ALL SHARP EDGES



CENTRE HOLE IS TO
SUIT ELECTRICAL
CONNECTORS, ALL
VACUUM SEALED
ITEMS 106-109

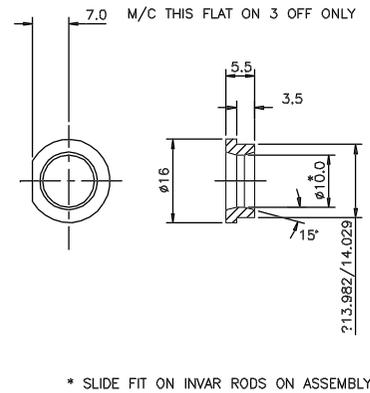
86				TITLE FLANGE-ELECTRICAL CONNECTORS			
MATERIAL	SCALE	TOLERANCES					
BRASS	2:1	x	±0.2				
FINISH	No. REQD. PER UNIT	x,x	±0.1				
BLK NIC PLT	7	x,xx					
G.A. No.	DRAWING No.						
V/BL/600	R.G.O. W/BL/686						

REMOVE ALL SHARP EDGES



87				TITLE MIRROR MASK			
MATERIAL	SCALE	TOLERANCES					
1mm AL ALLOY	1:1	x	±0.2				
FINISH	No. REQD. PER UNIT	x,x	±0.1				
SEE NOTE	1	x,xx					
G.A. No.	DRAWING No.						
V/BL/600	R.G.O. W/BL/687						

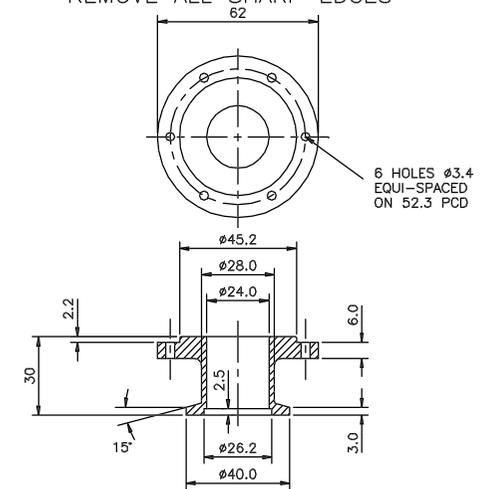
REMOVE ALL SHARP EDGES



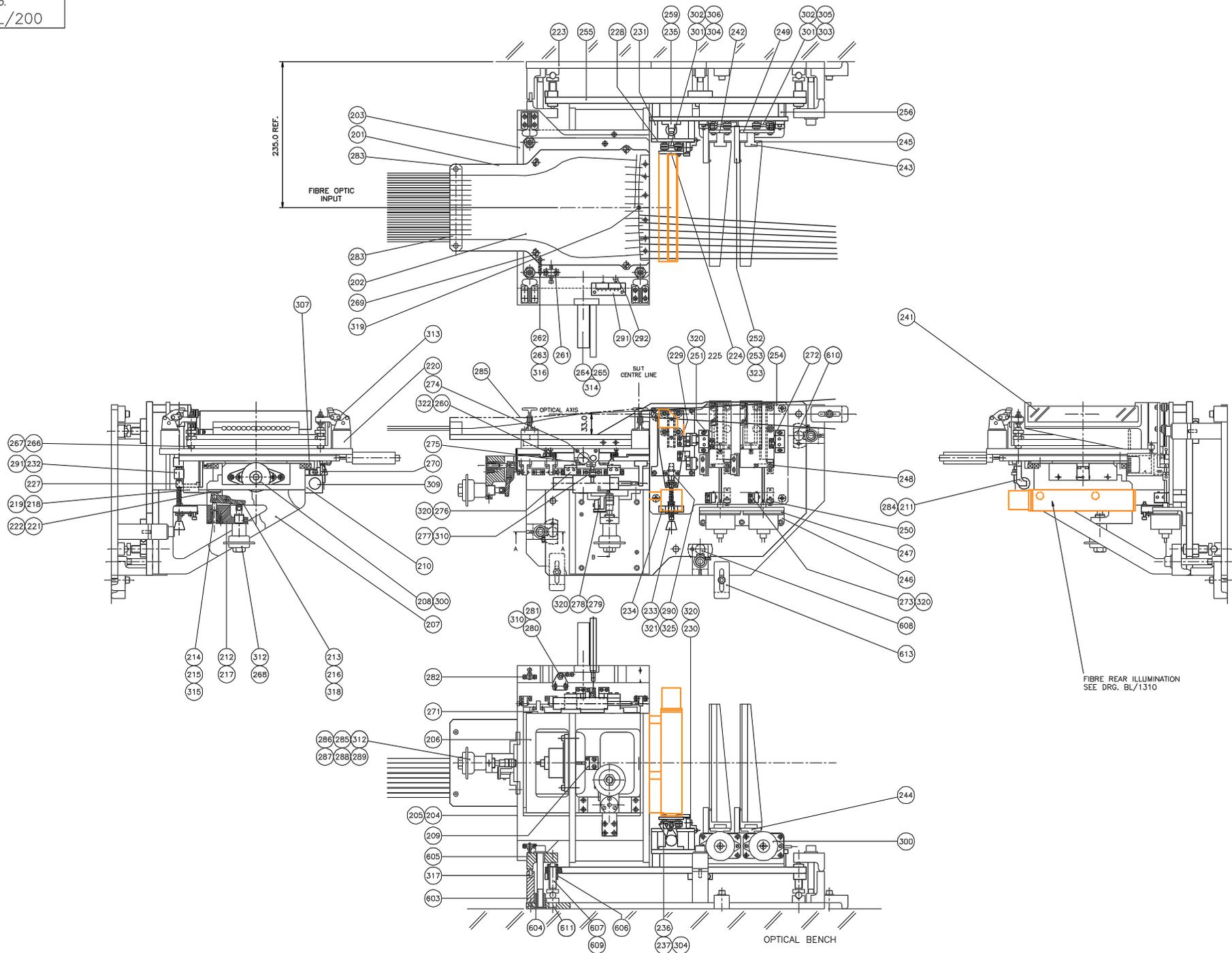
* SLIDE FIT ON INVAR RODS ON ASSEMBLY

88				TITLE BUSH			
MATERIAL	SCALE	TOLERANCES					
BRASS	2:1	x	±0.2				
FINISH	No. REQD. PER UNIT	x,x	±0.1				
BLK NIC PLT	12	x,xx					
G.A. No.	DRAWING No.						
V/BL/600	R.G.O. W/BL/688						

REMOVE ALL SHARP EDGES



89				TITLE PORT ADAPTOR			
MATERIAL	SCALE	TOLERANCES					
AISI304 ST.STL	1:1	x	±0.2				
FINISH	No. REQD. PER UNIT	x,x	±0.1				
1/4 ALL OVER	1 OFF	x,xx					
G.A. No.	DRAWING No.						
V/BL/600	R.G.O. W/BL/689						



				3		MAY.93	AJW	TOLERANCES (UNLESS OTHERWISE STATED) X X X X ANG	MATERIAL FINISH										
				2		DEC.92	AJW					1 OFF							
4		OCT.95	AJW	1		OCT.92	AJW			DRG NO.	NO REQ								
ISSUE	MOD. NO.	DATE	DRAWN BY	ISSUE	MOD. NO.	DATE	DRAWN BY			USED ON									

THIRD ANGLE PROJECTION
4.2m WYFFOS - SLIT UNIT
GENERAL ASSEMBLY

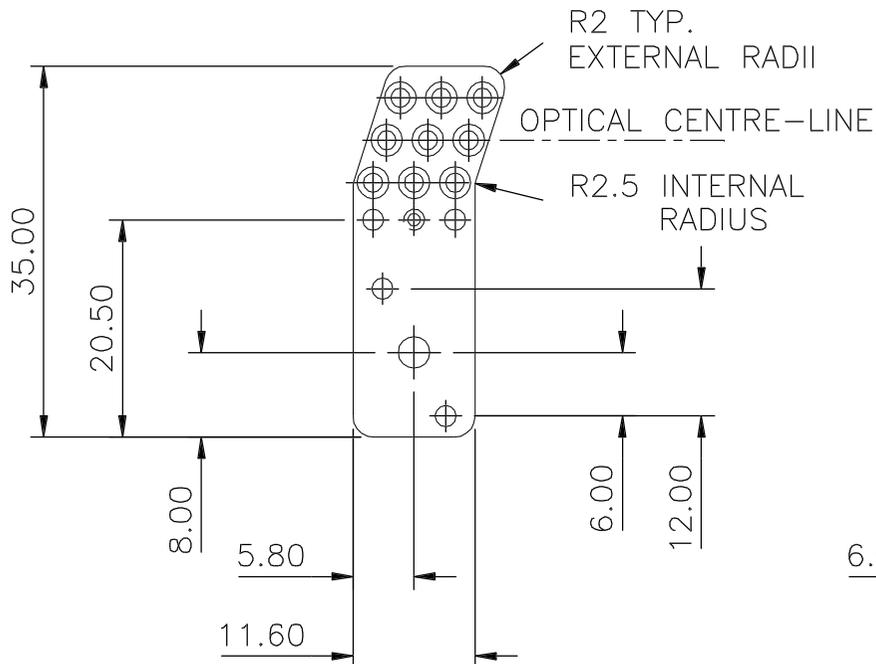
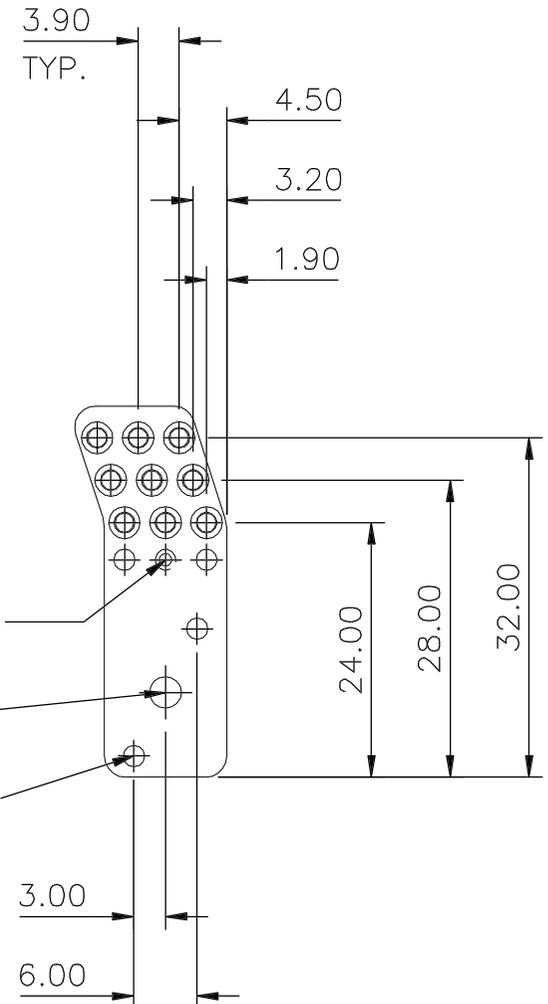
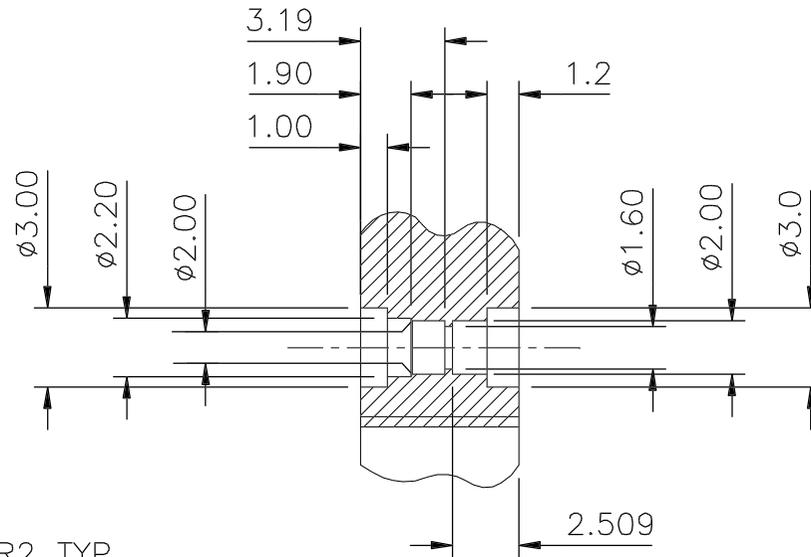
G.A. NO.
DRG NO.
V/BL/200

Drawing No.

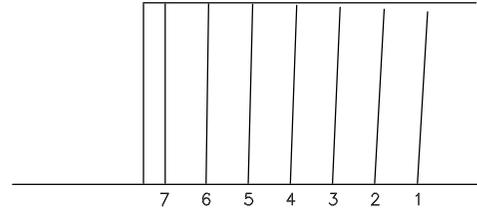
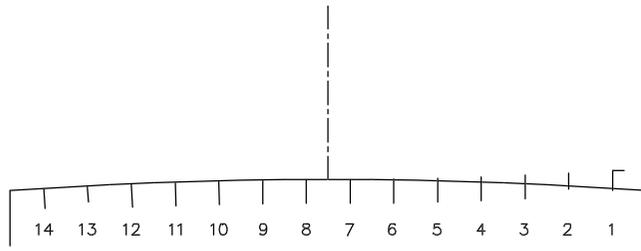
A3/BL/124

HOLE DETAIL SCALE 5:1

NOTE
FOR EXTERNAL PROFILE
REFER TO CAD/CAM
GEOMETRY TRANSFER FILE

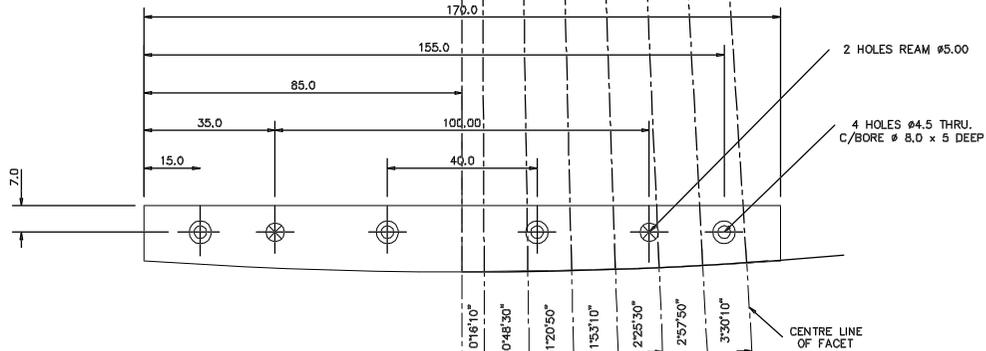


			Tolerance (Unless otherwise stated)	Material CZ121 BRASS			Dims in mm	Scale 2:1	THIRD ANGLE PROJECTION	GA.No.
			X +/- 0.1	Finish ALL OVER	Drg.No.	No.Req.	ROYAL GREENWICH OBSERVATORY		Title	Drawing No.
1	MAR.92	AJW	X.XX +/- 0.010	1.6/ OVER			MADINGLEY ROAD		WYFFOS SLIT - FINGER	A3/BL/124
Issue	Date	Drawn by	ANG. +/-		Used on		CAMBRIDGE CB3 0EZ			

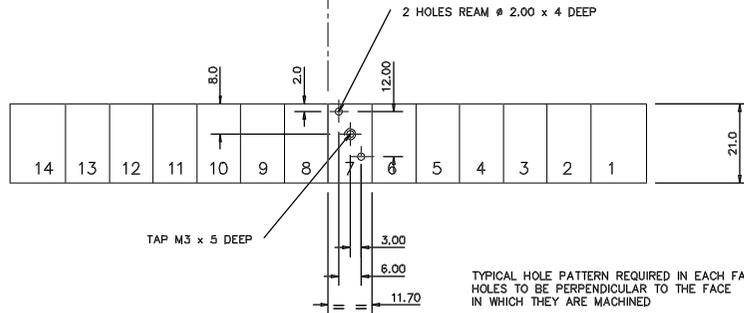


Drawing No.
A3/BL/125

FOR DISCUSSION PURPOSES ONLY
DO NOT USE FOR MANUFACTURE



ALL ANGLES MEASURED FROM THE CENTRE LINE
BLOCK TO BE SYMMETRICAL ABOUT CENTRE LINE



TYPICAL HOLE PATTERN REQUIRED IN EACH FACE
HOLES TO BE PERPENDICULAR TO THE FACE
IN WHICH THEY ARE MACHINED

TOLERANCES

- X.X ± 0.1
- X.XX ± 0.01
- X.XXX ± 0.005
- ANG. ± 0.1°

1244 RADIUS OF CURVATURE
OF SLIT ARRANGEMENT

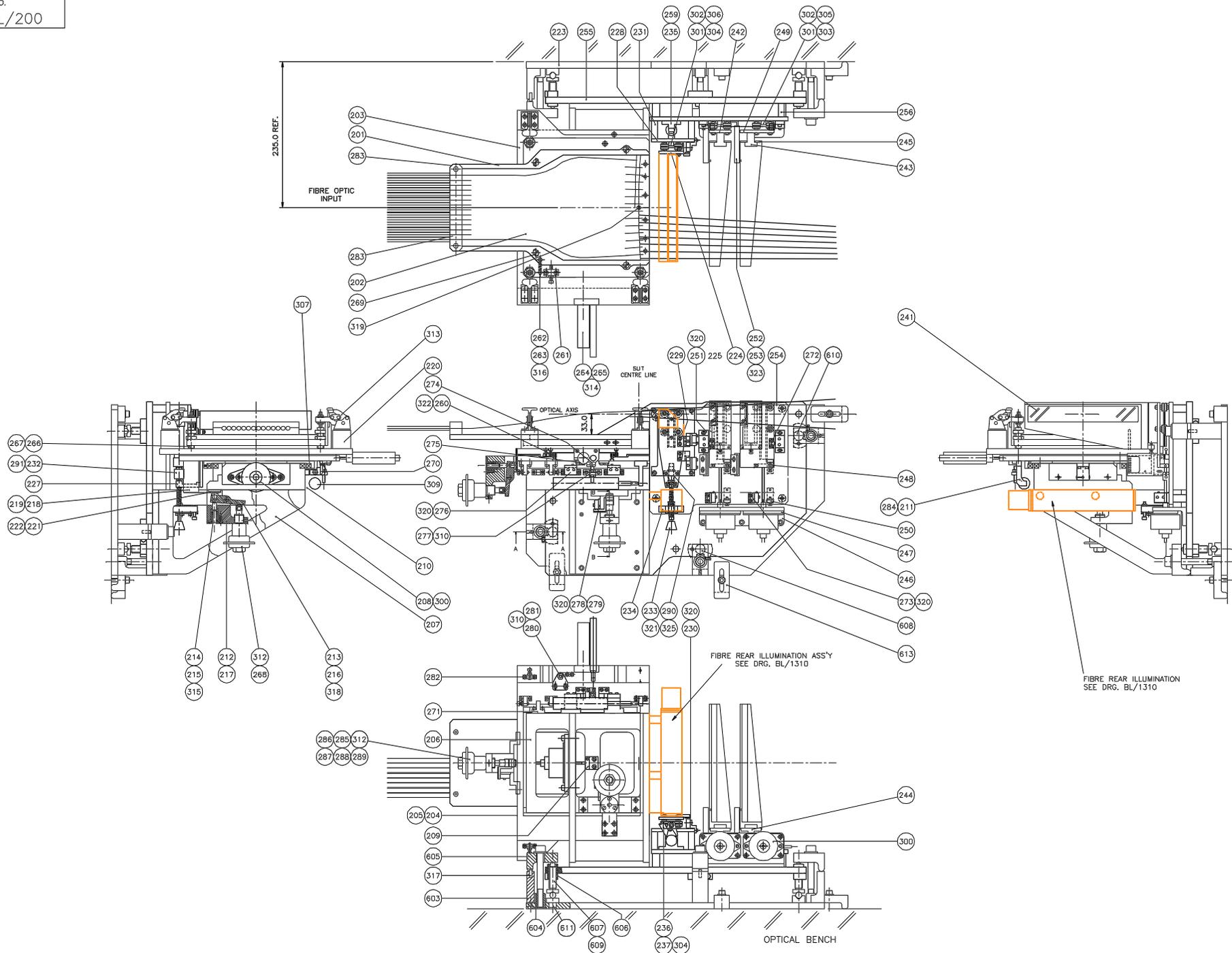
INDIVIDUAL FACET ANGLES

$$\text{TAN ANGLE} = \frac{11.7}{1244}$$

$$\text{ANGLE} = 0.5389^\circ (0^\circ 32' 20'')$$

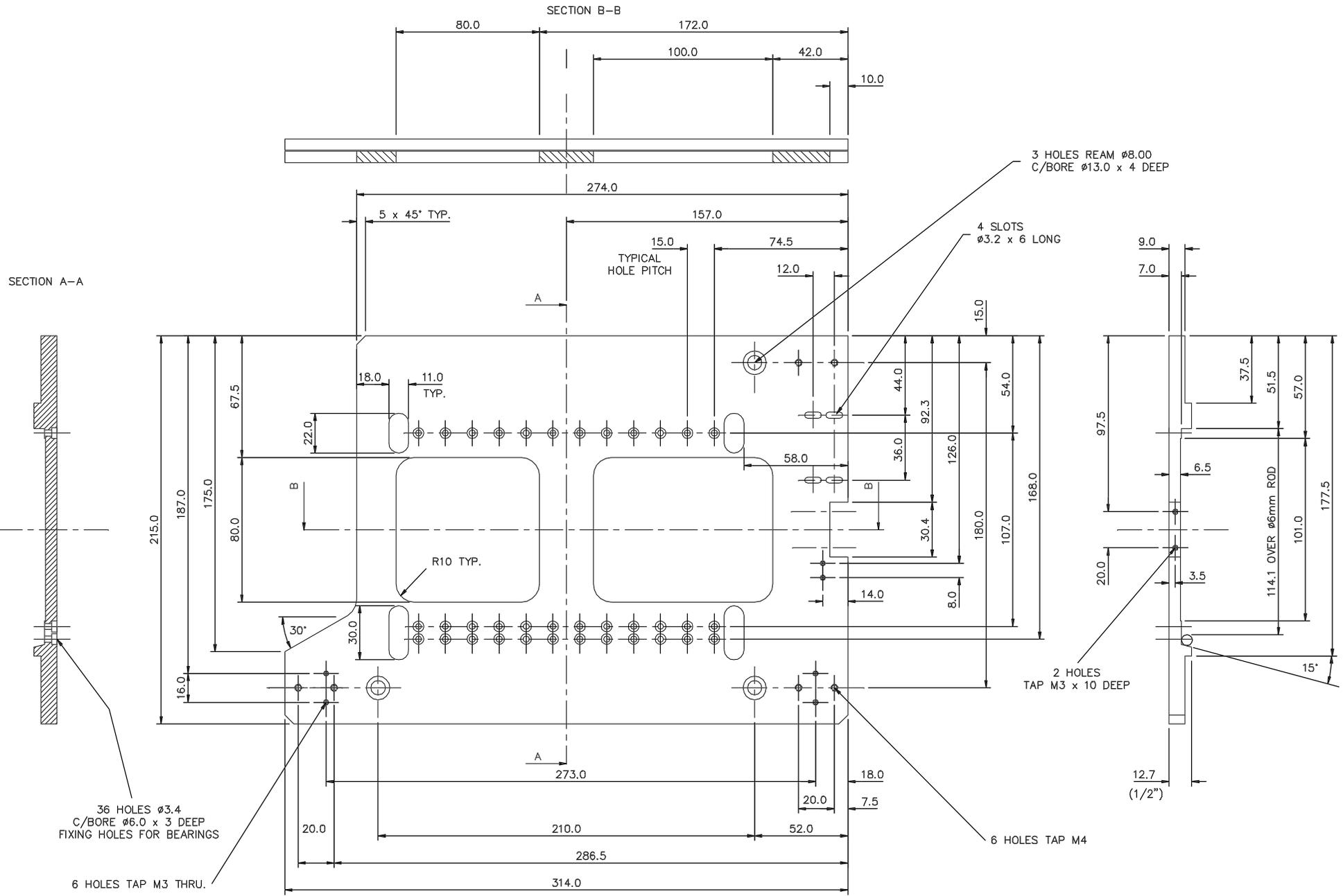
INCREMENTAL FROM ADJACENT FACET

			Tolerance (Unless otherwise stated)	Material		Scale 1:1	THIRD ANGLE PROJECTION	GA.No.
			X +/-	BRASS	1 OFF			Drawing No.
1	MAR.92	AJW	X.X +/- SEE NOTE	Finish	1/6 ALL OVER		ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD CAMBRIDGE CB3 0EZ	A3/BL/125
Issue	Date	Drawn by	X.XX +/-	Used on			Title	
			ANG. +/-				WYFFOS SLIT - FACET BLOCK	



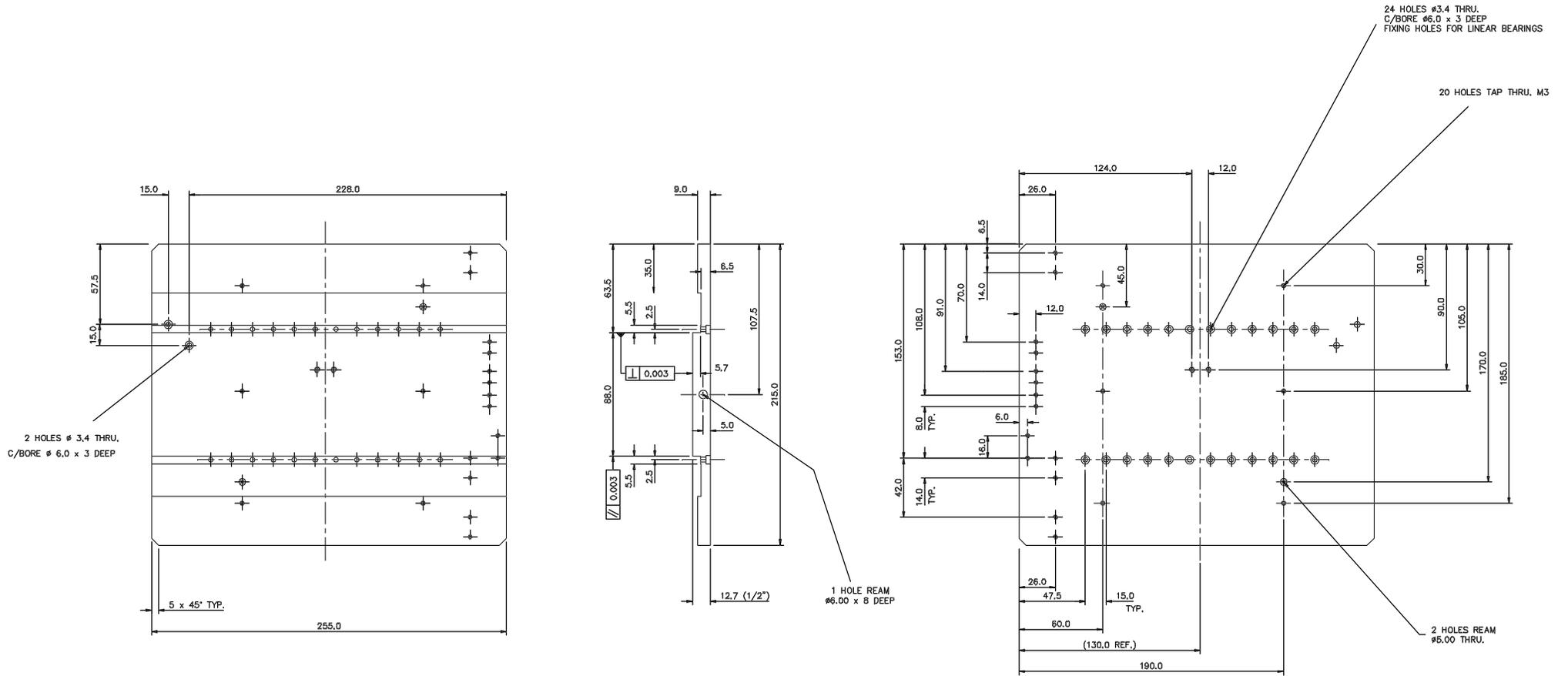
				3		MAY.93	AJW	TOLERANCES (UNLESS OTHERWISE STATED)	MATERIAL			DIM IN MM	SCALE 1:2	THIRD ANGLE PROJECTION	G.A. NO.
				2		DEC.92	AJW	X	+		1 OFF			ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD CAMBRIDGE CB3 0EZ	DRG NO.
				1		OCT.92	AJW	X.X	+/-	FINISH	DRG NO.	NO REQ	TITLE		4.2m WYFFOS - SLIT UNIT GENERAL ASSEMBLY
ISSUE	MOD. NO.	DATE	DRAWN BY	ISSUE	MOD. NO.	DATE	DRAWN BY	X.X.X	+/-		USED ON				

REMOVE ALL BURRS AND SHARP EDGES



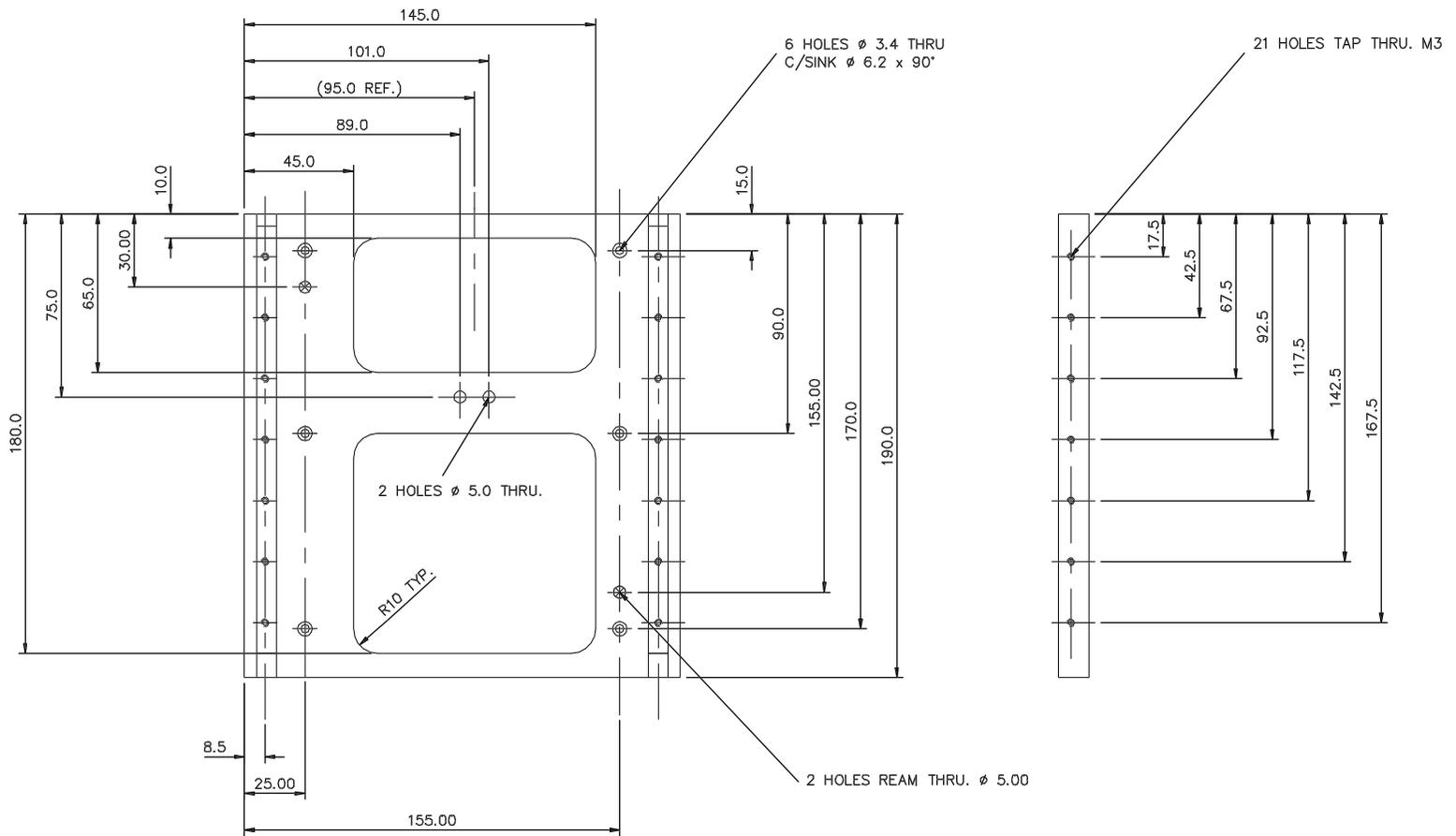
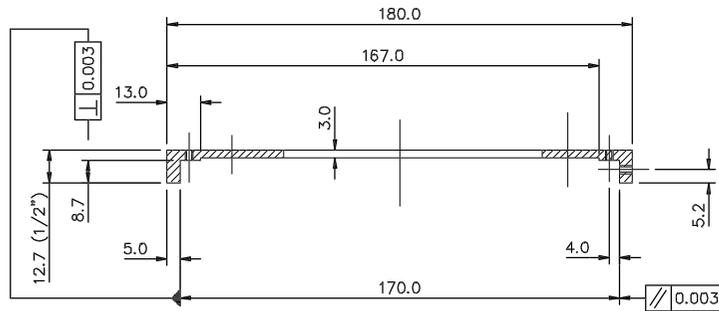
Issue				Tolerance (Unless otherwise stated)				Material		Dimns. in m.m.		Scale		THIRD ANGLE PROJECTION		GA No. V/BL/200	
Issue	Mod.No	Date	Drawn by	X	+/-	0.1	0.03	0.5	BLK.ANODISE	Drg.No.	No.Req.	1:1	Title		Drawing No.		
1		OCT.92	AJW	X	+/-	0.1	0.03	0.5	BLK.ANODISE			1:1	4.2m WYFFOS - SLIT UNIT SLIT BASE		W/BL/203		
Issue Mod.No Date Drawn by Issue Mod.No Date Drawn by				Tolerance (Unless otherwise stated)				Material		Dimns. in m.m.		Scale		THIRD ANGLE PROJECTION		GA No. V/BL/200	
								Material						Title		Drawing No.	
								Finish		Drg.No. No.Req.				4.2m WYFFOS - SLIT UNIT		W/BL/203	
								BLK.ANODISE		Used on		ROYAL GREENWICH OBSERVATORY		SLIT BASE			
												CAMBRIDGE CB3 0EZ					

REMOVE ALL BURRS AND SHARP EDGES



				2	DEC.92	AJW	TOLERANCES (UNLESS OTHERWISE STATED)	MATERIAL	1 OFF	DIM IN MM	SCALE 1:1	THIRD ANGLE PROJECTION	G.A. NO. V/BL/200
				1	OCT.92	AJW	X +/- 0.1	ALUMINUM TOLLING PLATE	ROYAL GREENWICH OBSERVATORY			TITLE	DRG NO.
ISSUE	MOD. NO.	DATE	DRAWN BY	ISSUE	MOD. NO.	DATE	XXX +/- 0.01	FINISH	DRG NO.	NO REQ		4.2m WYFFOS - SLIT UNIT BEARING PLATE	V/BL/204
							ANG +/-	BLK.ANODISE	USED ON				

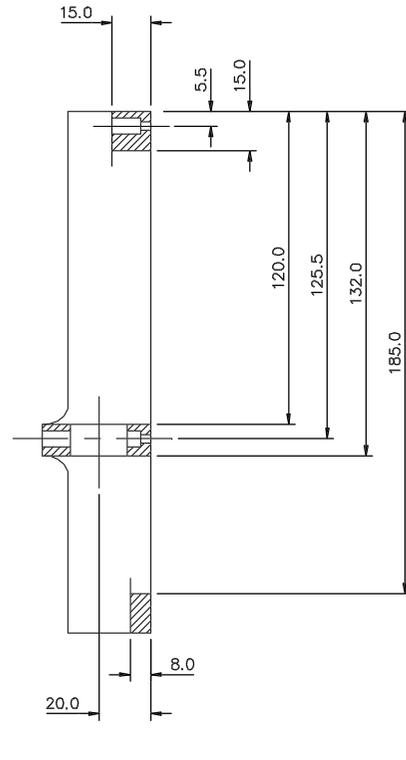
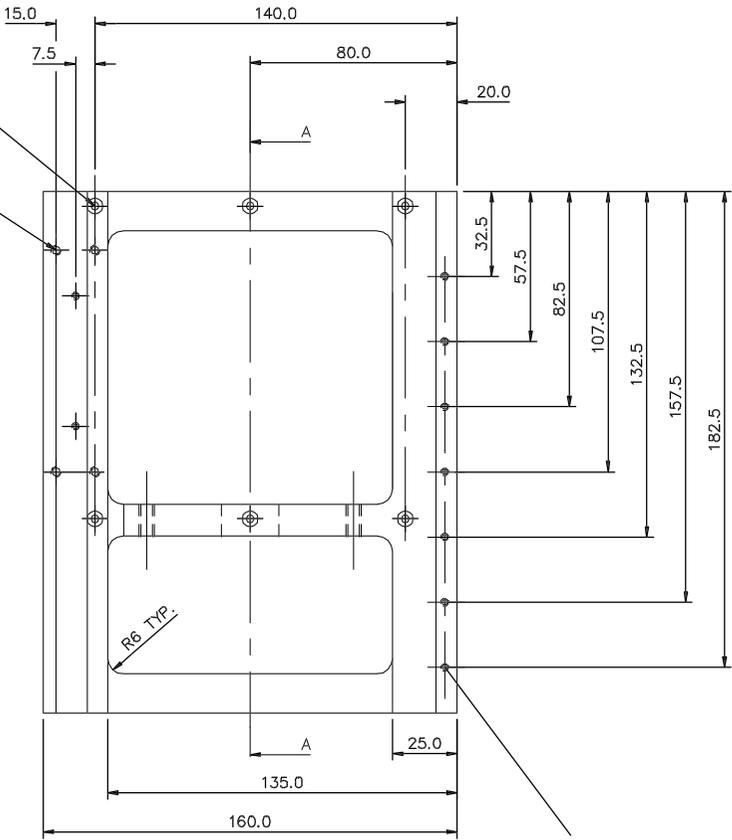
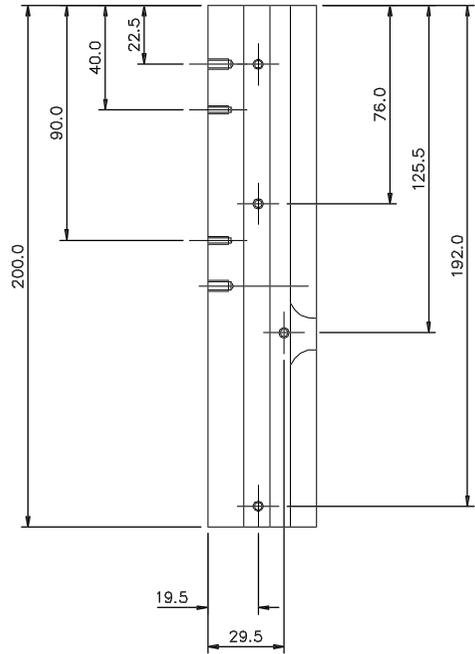
REMOVE ALL BURRS AND SHARP EDGES



Issue		Mod.No		Date		Drawn by		Issue		Mod.No		Date		Drawn by		Tolerance (Unless otherwise stated)		Material		Dimns.in m.m.		Scale 1:1		THIRD ANGLE PROJECTION		GA No. V/BL/200	
1				NOV,91		AJW		2				DEC,92		AJW		X +/- 0.1		AL ALLOY		1 OFF				ROYAL GREENWICH OBSERVATORY		Drawing No.	
2								X.X +/- 0.01		TOOLING PLATE						MATT BLK.ANODISE		Drg.No.		No.Req.		Title		W/BL/205			
								X.XX +/- 0.01		Finish		Used on		ROYAL GREENWICH OBSERVATORY				MADINGLEY ROAD		CAMBRIDGE		CB3 0EZ		4.2m WYFFOS – SLIT UNIT BEARING SUPPORT			

REMOVE ALL BURRS AND SHARP EDGES

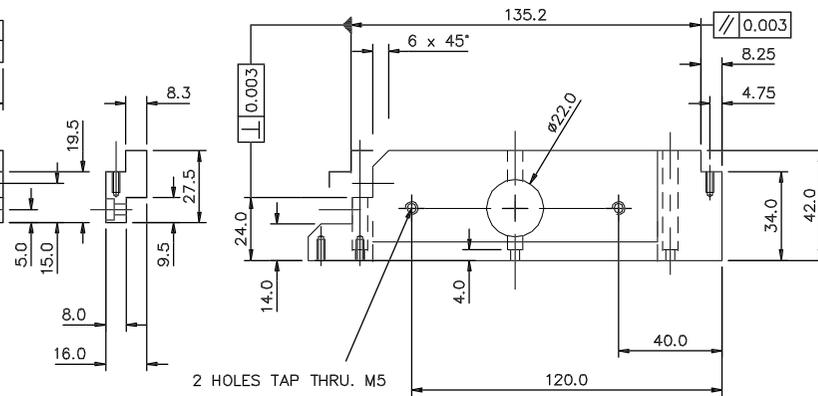
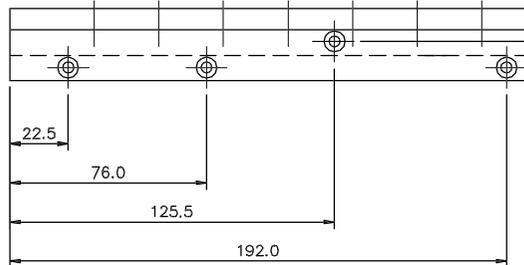
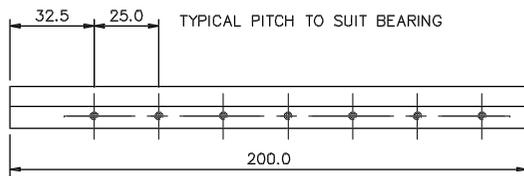
6 HOLES ϕ 4.5 THRU.
C/BORE ϕ 8.0 AS SHOWN
8 HOLES TAP M4 x 10 DEEP



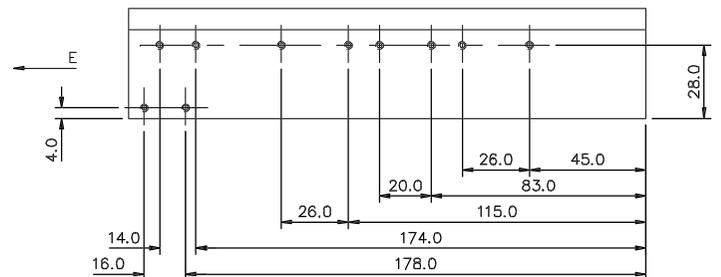
19 HOLES TAP M3 x 8 DEEP

SECTION A - A

TYPICAL PITCH TO SUIT BEARING



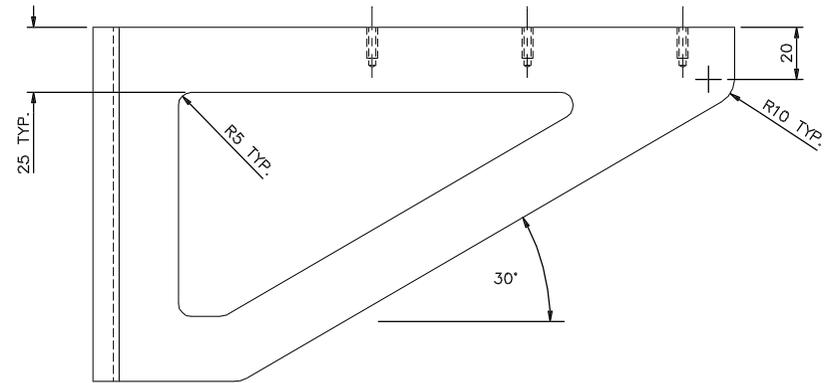
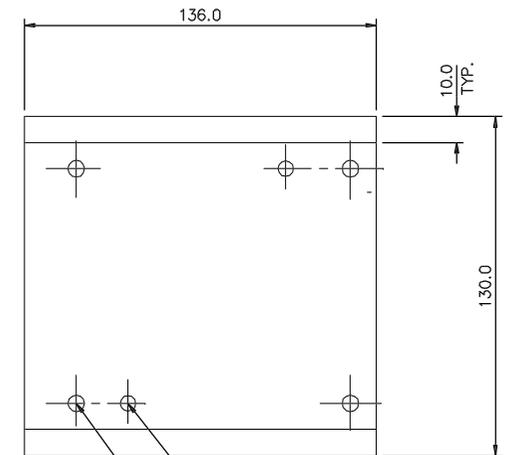
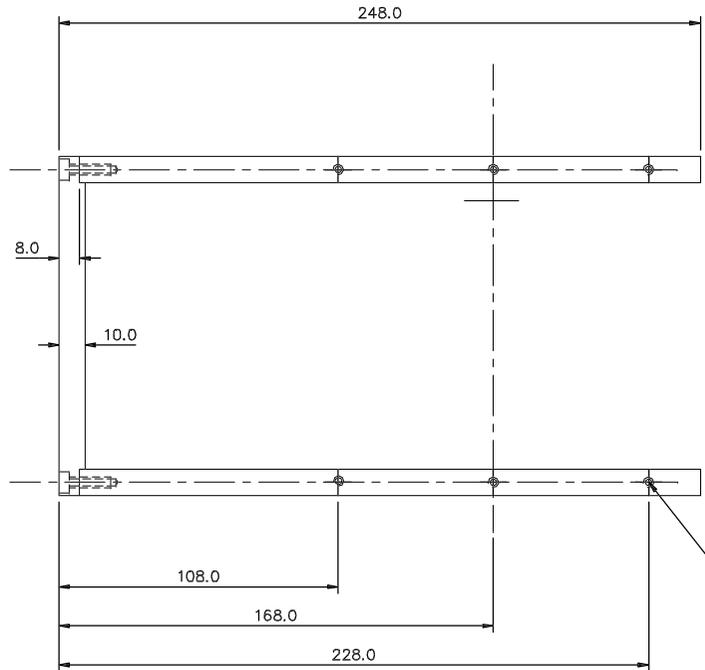
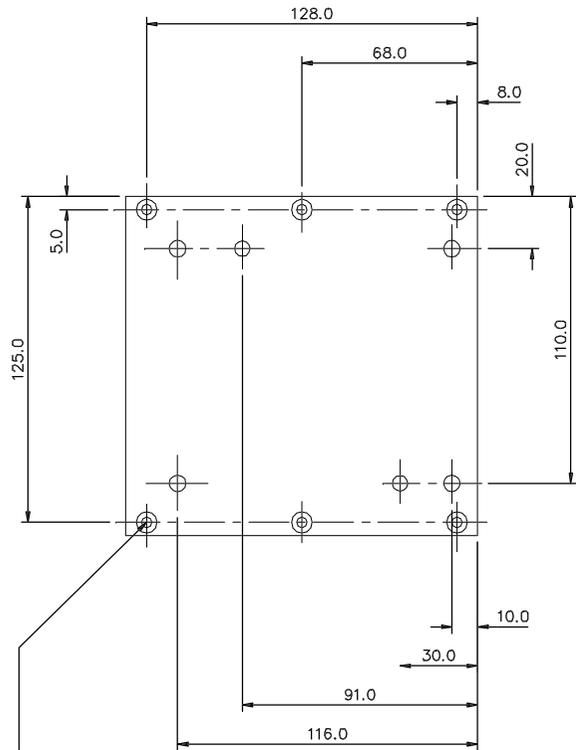
VIEW ON ARROW E



EXTRA BLOCK ADDED FOR BEARING SUPPORT

		2		DEC.92		AJW		Tolerance (Unless otherwise stated)		Material		Dimns.in m.m.		Scale 1:1		THIRD ANGLE PROJECTION		GA No. V/BL/200	
		1		NOV.91		AJW		X.X +/- 0.1		6082 AL.ALLOY		1 OFF		ROYAL GREENWICH OBSERVATORY		Title		Drawing No.	
Issue Mod.No		Date		Drawn by		Issue Mod.No		Date		Finish		Drg.No. No.Req.		MADINGLEY ROAD		4.2m WYFFOS - SLIT UNIT		W/BL/206	
								ANG: +/- 0.1		MATT BLK.ANODISE		Used on		CAMBRIDGE CB3 0EZ		BEARING BLOCK			

REMOVE ALL BURRS AND SHARP EDGES



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

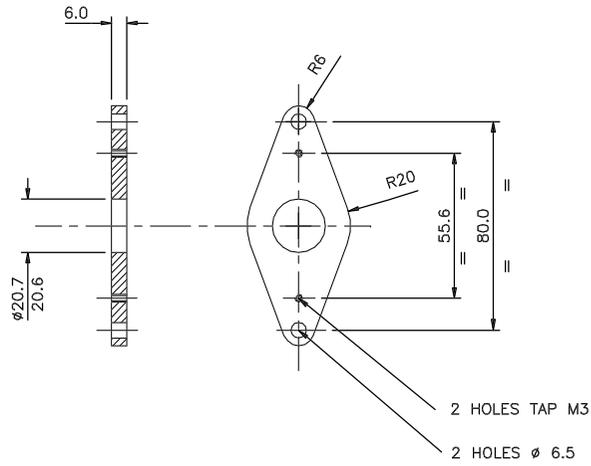
6 HOLES TAP M4 x 12 DEEP

2 HOLES REAM THRU. ϕ 6.00

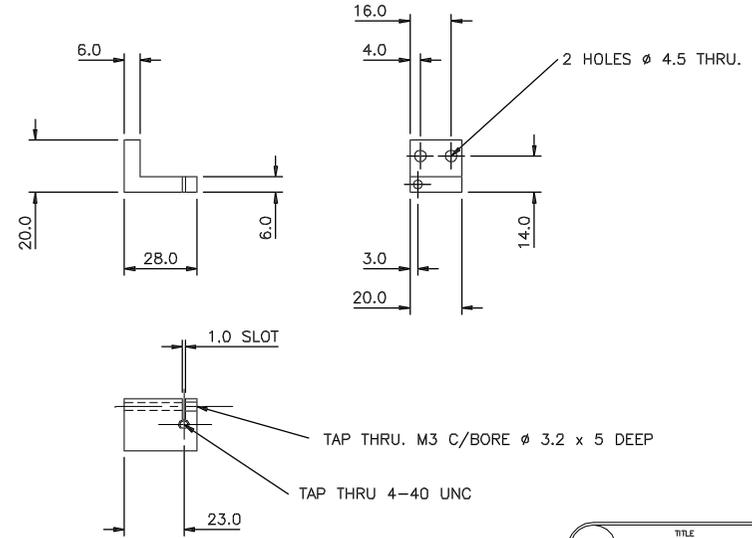
4 HOLES ϕ 5.5 THRU.

				Tolerance (Unless otherwise stated)		Material		Dimns. in m.m.		Scale 1:1		THIRD ANGLE PROJECTION		GA No. V/BL/200	
				X +/- 0.5		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								
				1		NOV.91	AJW								

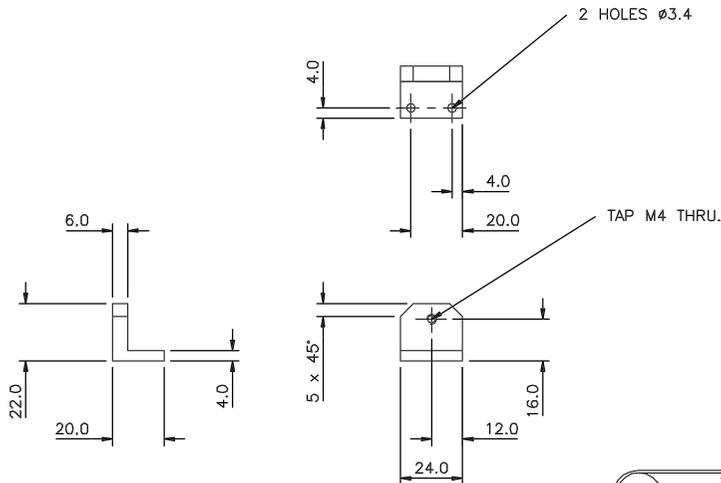
REMOVE ALL SHARP EDGES



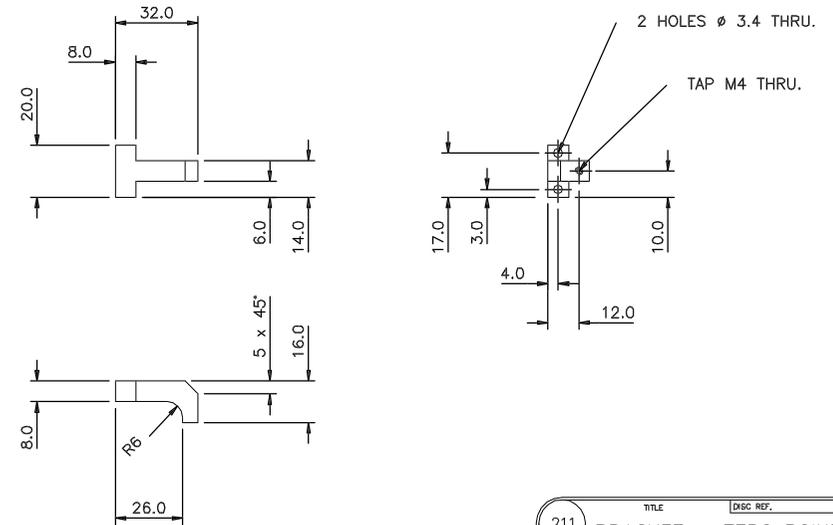
208	TITLE	DISC REF.
MOTOR PLATE		
MATERIAL	SCALE	TOLERANCES ±
6062 AL.ALLOY	1:1	X 0.1 X.X +/- X.XX
FINISH	No. REQD. PER UNIT	
MATT BLK.ANODISE	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	RGD W/BL/208	



209	TITLE	DISC REF.
LEAD SCREW END CLAMP		
MATERIAL	SCALE	TOLERANCES ±
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/209	



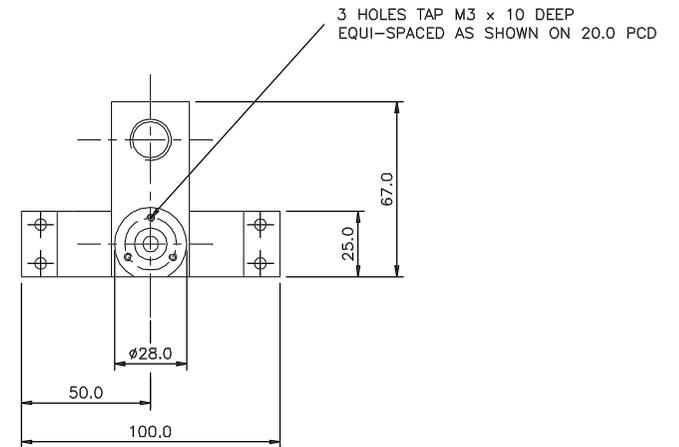
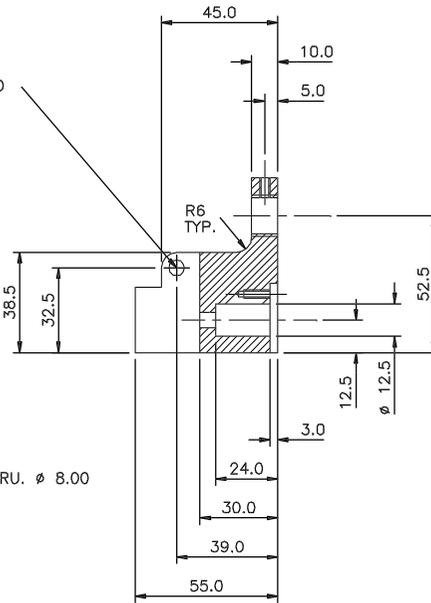
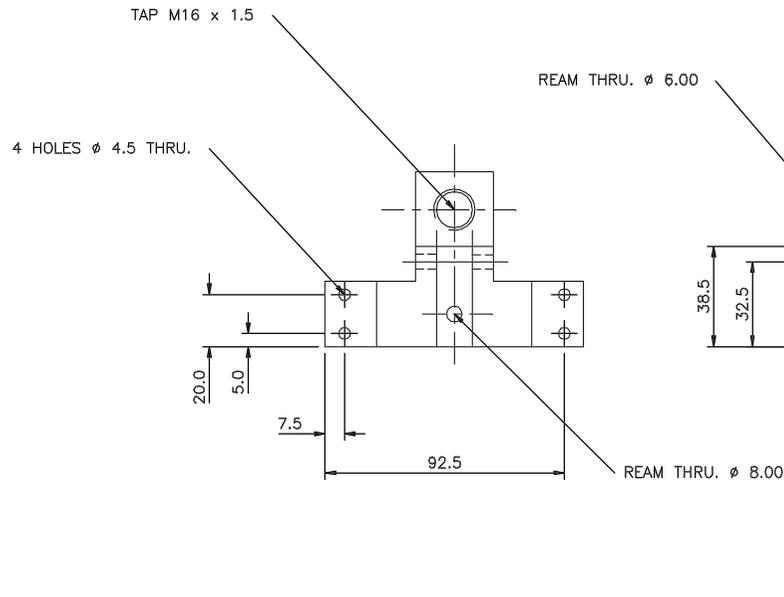
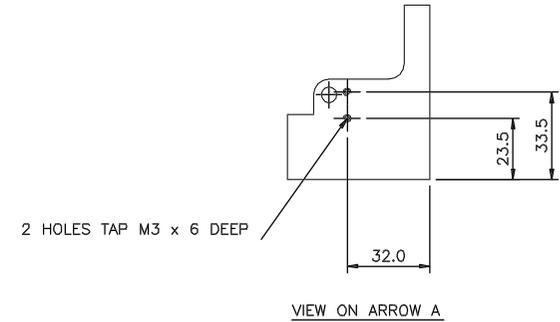
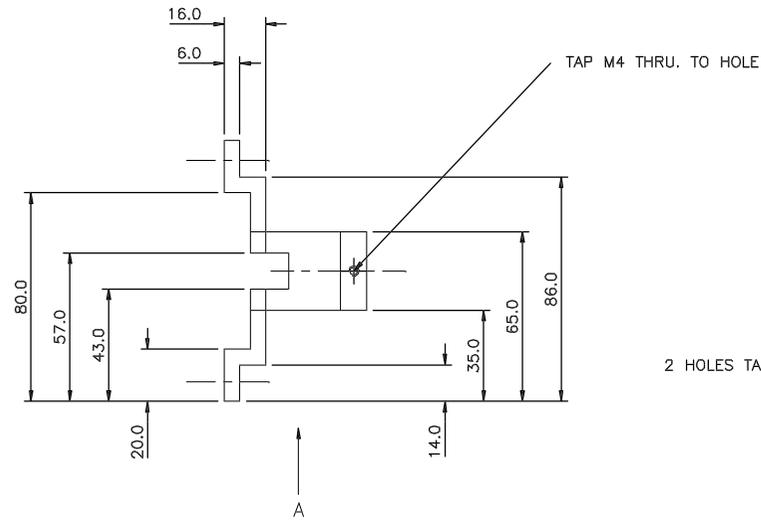
210	TITLE	DISC REF.
MOUNTING - ENCODER		
MATERIAL	SCALE	TOLERANCES ±
6062 AL.ALLOY	1:1	X 0.1 X.X +/- X.XX
FINISH	No. REQD. PER UNIT	
MATT BLK.ANODISE	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	RGD W/BL/210	



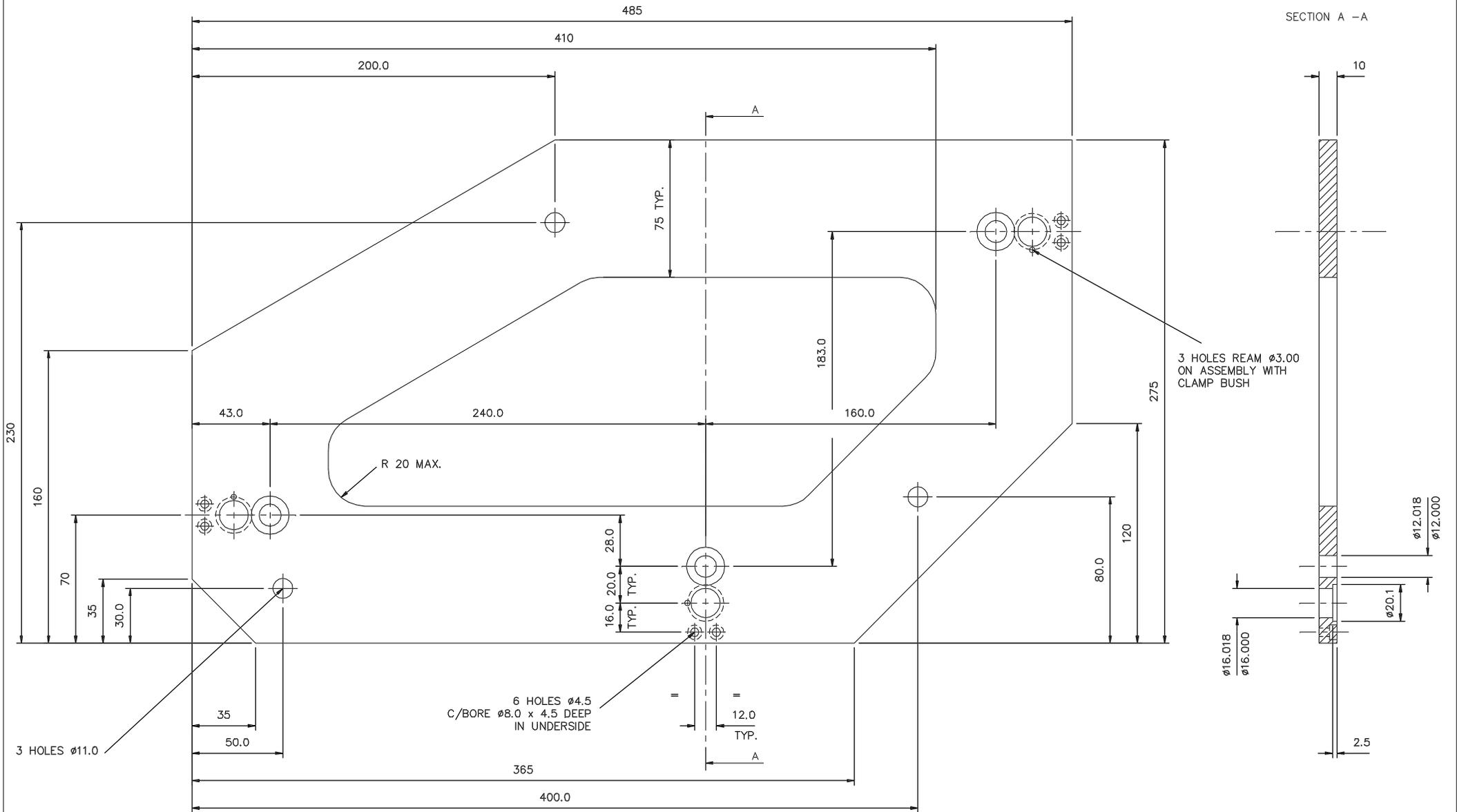
211	TITLE	DISC REF.
BRACKET - ZERO POINT		
MATERIAL	SCALE	TOLERANCES ±
6062 AL.ALLOY	1:1	X 0.1 X.X +/- X.XX
FINISH	No. REQD. PER UNIT	
MATT BLK.ANODISE	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	RGD W/BL/211	

Issue		Date		Drawn by		Issue		Date		Drawn by		Tolerance (Unless otherwise stated)		Material		Dimns.in m.m.		Scale		THIRD ANGLE PROJECTION		GA No.	
				2		DEC.92		AJW												4.2m WYFFOS - SLIT UNIT		Drawing No.	
				1		NOV.91		AJW												DETAILS		W/BL/208-11	
														Finish		Drg.No.		No.Req.		ROYAL GREENWICH OBSERVATORY		Title	
														Used on						MADINGLEY ROAD		Drawing No.	
																				CAMBRIDGE		W/BL/208-11	
																				CB3 0EZ			

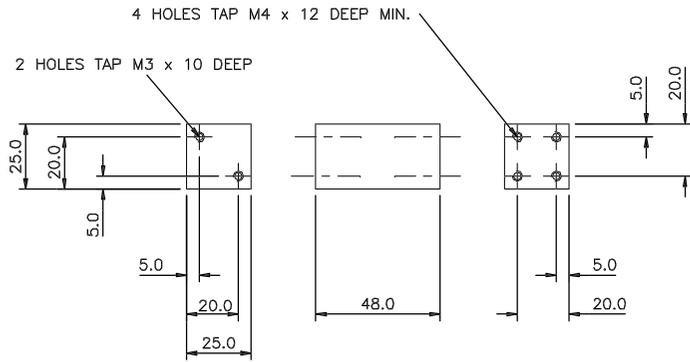
REMOVE ALL BURRS AND SHARP EDGES



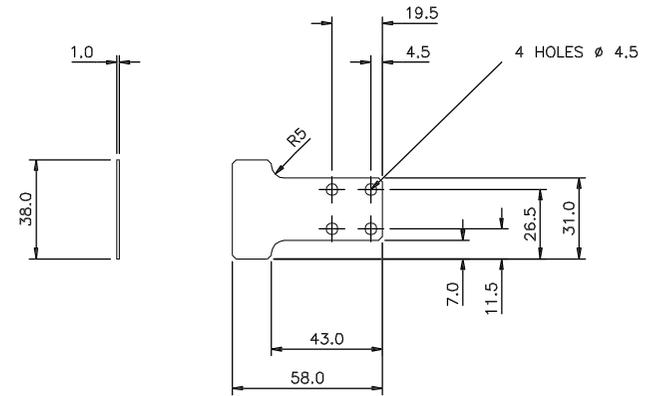
				Tolerance (Unless otherwise stated)		Material		Dimns. in m.m.		Scale 1:1		THIRD ANGLE PROJECTION		GA No. V/BL/200	
				X +/-		6082 AL ALLOY		1 OFF				Title		Drawing No.	
				X.X +/- 0,1		Finish		Drg.No. No.Req.		ROYAL GREENWICH OBSERVATORY		4.2m WYFFOS - SLIT UNIT		W/BL/212	
Issue Mod.No Date Drawn by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



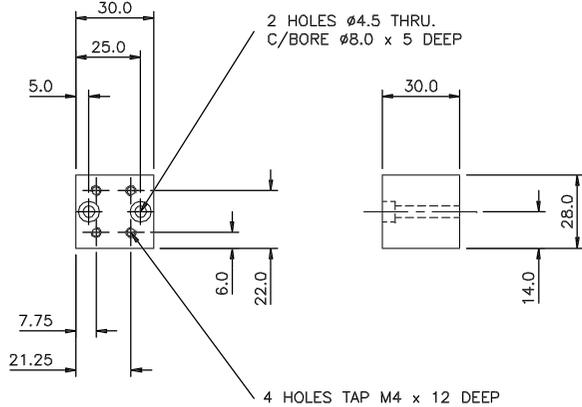
				TOLERANCES (UNLESS OTHERWISE STATED)				MATERIAL		THIRD ANGLE PROJECTION		DIMS IN mm		ORIGINAL SCALE 1:1		ORIGINAL SHEET SIZE A1		G.A. NO. V/BL/810		LOCN. BL	
				X ± 1.0				AL. TOOLING PLATE				ROYAL GREENWICH OBSERVATORY				PARKING PLATE		DRG NO.		SHT. 1	
				X.X ± 0.1				FINISH		NO. REQ'D PER ASS'Y		MADINGLEY ROAD		2		WYFFOS SLIT PLATEN		W/BL/812			
ISSUE				MOD. NO.				BLK. ANODISE				CAMBRIDGE CB3 0EZ									



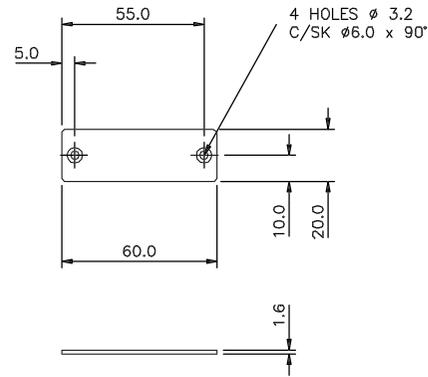
218		TITLE		DISC. REF.	
BLOCK - CLAMP VANE					
MATERIAL	SCALE	TOLERANCES ±			
6082 AL.ALLOY	1:1	X	+/-	0.1	
FINISH	No. REQD. PER UNIT	X.X			
MATT BLK.ANODISE	1 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	RGD W/BL/218				



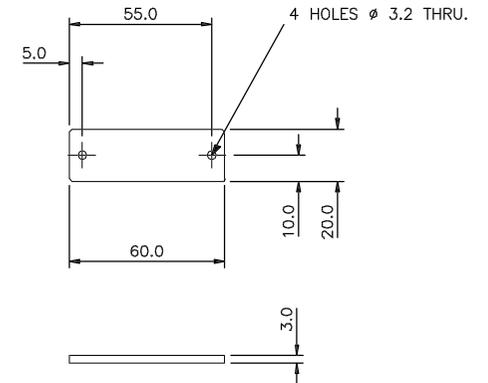
219		TITLE		DISC. REF.	
CLAMP VANE					
MATERIAL	SCALE	TOLERANCES ±			
ST. STEEL	1:1	X	+/-	0.1	
FINISH	No. REQD. PER UNIT	X.X			
SHOT BLAST CLEAN	1 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	RGD W/BL/219				



220		TITLE		DISC. REF.	
BLOCK - TOGGLE CLAMP					
MATERIAL	SCALE	TOLERANCES ±			
6082 AL.ALLOY	1:1	X	+/-	0.1	
FINISH	No. REQD. PER UNIT	X.X			
MATT BLK.ANODISE	3 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	RGD W/BL/220				



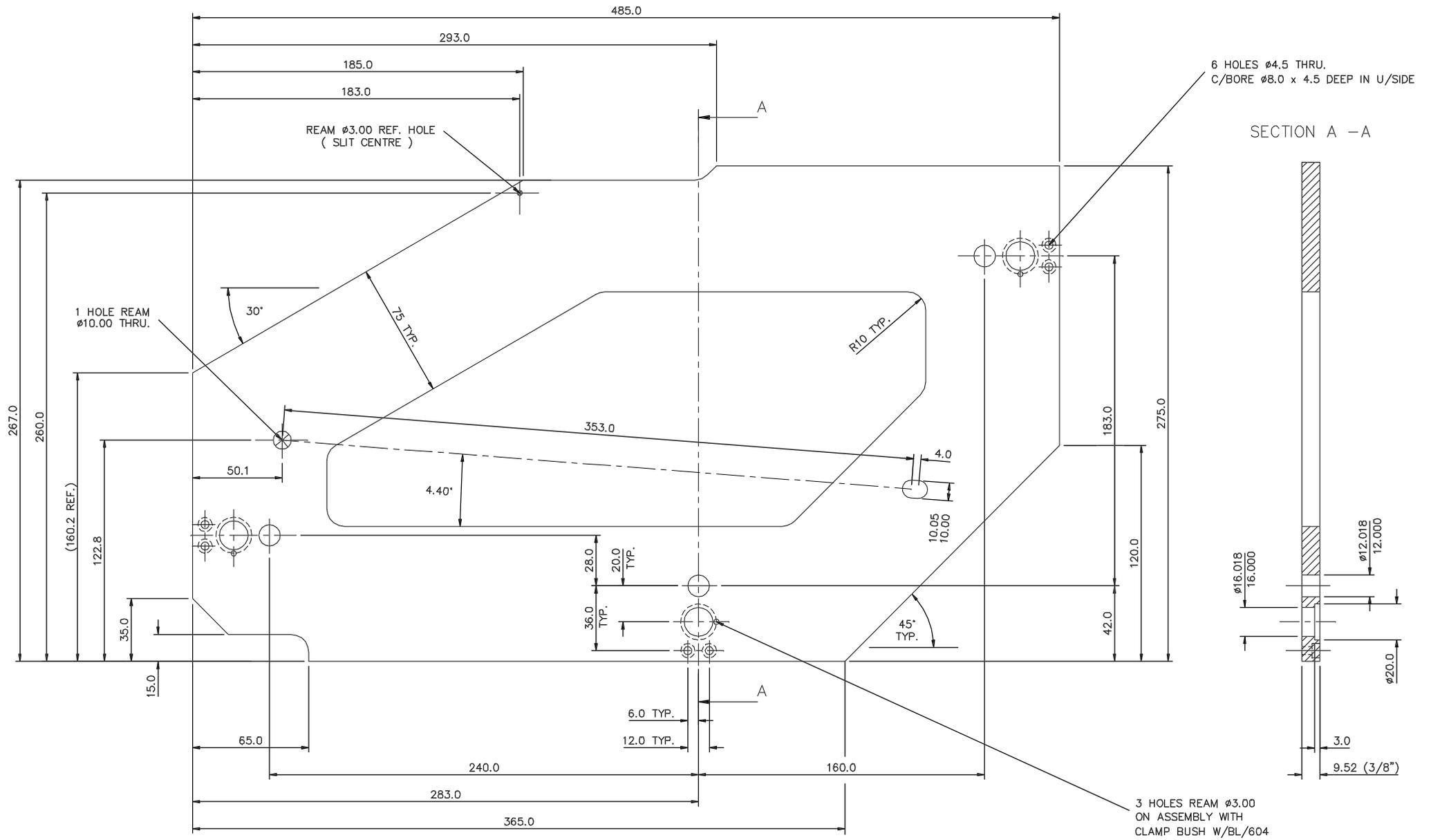
221		TITLE		DISC. REF.	
FRICTION PAD					
MATERIAL	SCALE	TOLERANCES ±			
G10 GLASS FIBRE	1:1	X	+/-	0.1	
FINISH	No. REQD. PER UNIT	X.X			
CLEAN	1 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	RGD W/BL/221				



222		TITLE		DISC. REF.	
BACKING STRIP					
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/222				

Tolerance (Unless otherwise stated)		Material		Dimns. in m.m.		Scale		THIRD ANGLE PROJECTION		GA No.	
X +/-		ROYAL GREENWICH OBSERVATORY		1:1		4.2m WYFFOS - SLIT UNIT		Title		Drawing No.	
X.X +/-		MADINGLEY ROAD		0.1		DETAILS		W/BL/218-22			
X.XX +/-		CAMBRIDGE CB3 0EZ									
ANG. +/-											
Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by				
			AJW								

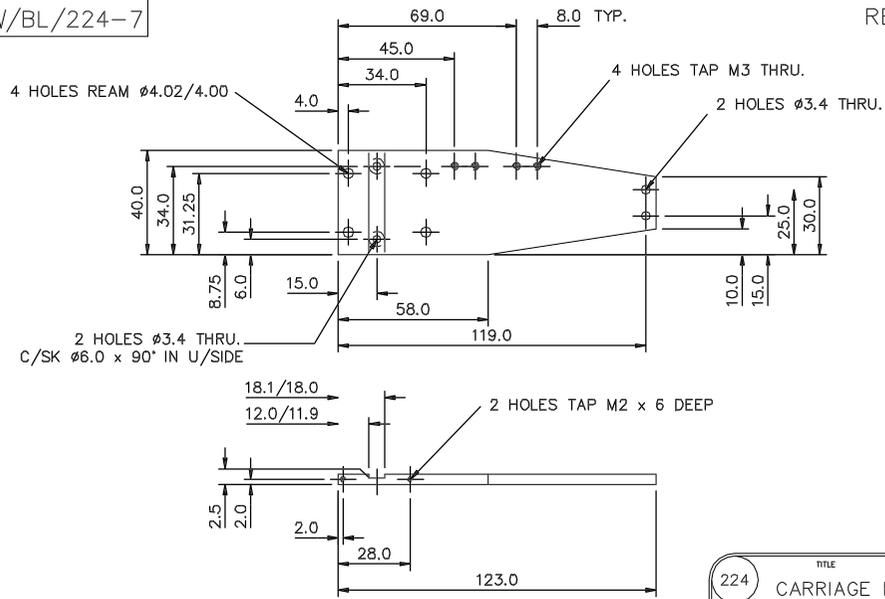
REMOVE ALL BURRS AND SHARP EDGES



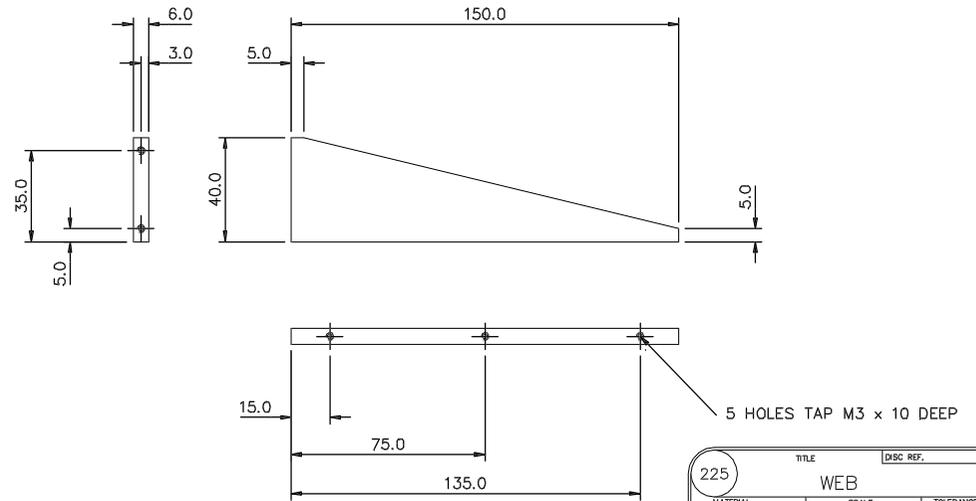
Issue		Mod.No		Date		Drawn by		Issue		Mod.No		Date		Drawn by		Tolerance (Unless otherwise stated)		Material		Dimns.in m.m.		Scale 1:1		THIRD ANGLE PROJECTION		GA No. V/BL/200	
1		1		NOV.91		AJW		2		1		DEC.92		AJW		X +/- .1		CAST AL.TOOLING PL.		1 OFF		ROYAL GREENWICH OBSERVATORY		Title		Drawing No.	
1		1		NOV.91		AJW		2		1		DEC.92		AJW		X.X +/- 0.1		Finish		Drg.No.		No.Req.		4.2m WYFFOS - SLIT UNIT		W/BL/223	
1		1		NOV.91		AJW		2		1		DEC.92		AJW		X.XX +/- 0.01		MATT BLK.ANODISE		Used on		CAMBRIDGE CB3 0EZ		BASEPLATE			
1		1		NOV.91		AJW		2		1		DEC.92		AJW		ANG: +/- .5°											

Drawing No.
W/BL/224-7

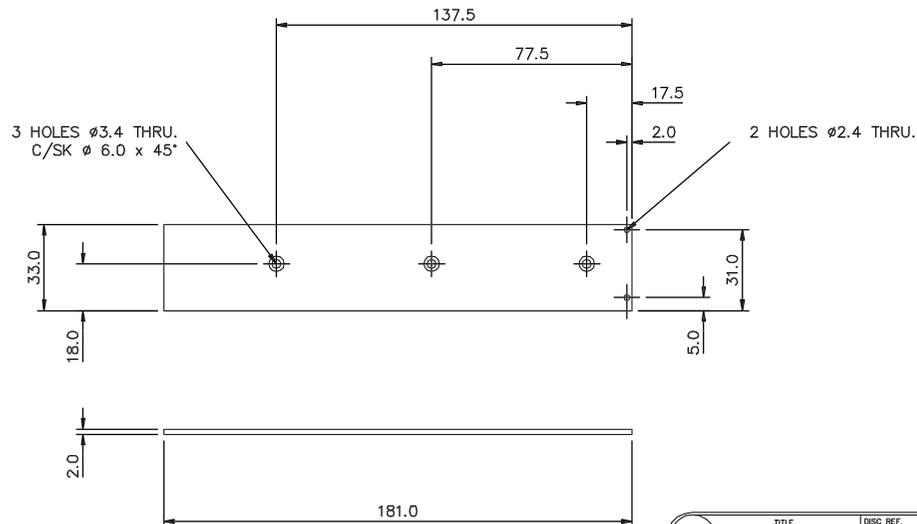
REMOVE ALL SHARP EDGES



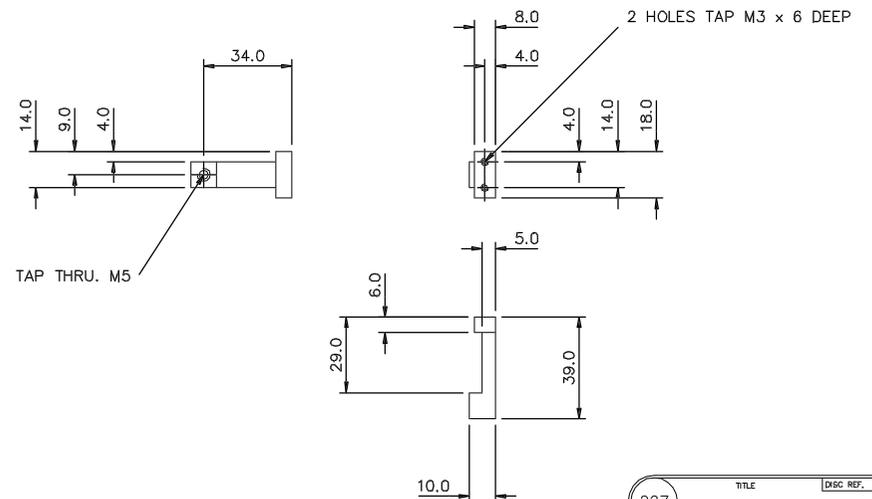
224	TITLE	DISC REF.
CARRIAGE PLATE		
MATERIAL	SCALE	TOLERANCES \pm
6062 AL.ALLOY	1:1	X 0.1 X.X X.XX
FINISH	No. REQD. PER UNIT	
MATT BLK.ANODISE	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	RGD W/BL/224	



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	



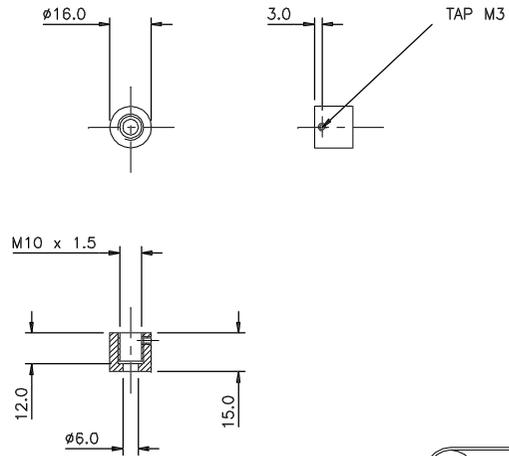
226	TITLE	DISC REF.
SHUTTER BLADE		
MATERIAL	SCALE	TOLERANCES \pm
6062 AL.ALLOY	1:1	X 0.1 X.X X.XX
FINISH	No. REQD. PER UNIT	
MATT BLK.ANODISE	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	RGD W/BL/226	



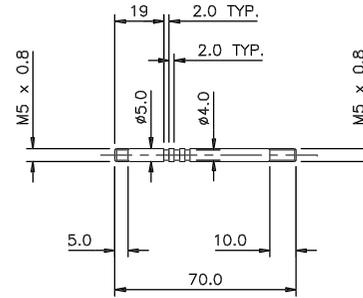
227	TITLE	DISC REF.
PUSH/PULL BRACKET		
MATERIAL	SCALE	TOLERANCES \pm
6062 AL.ALLOY	1:1	X 0.1 X.X X.XX
FINISH	No. REQD. PER UNIT	
MATT BLK.ANODISE	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	RGD W/BL/227	

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

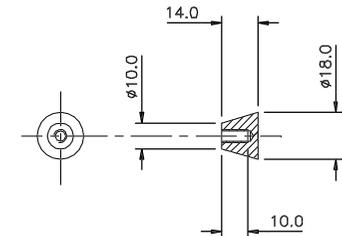
Drawing No.
W/BL/232-5



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				

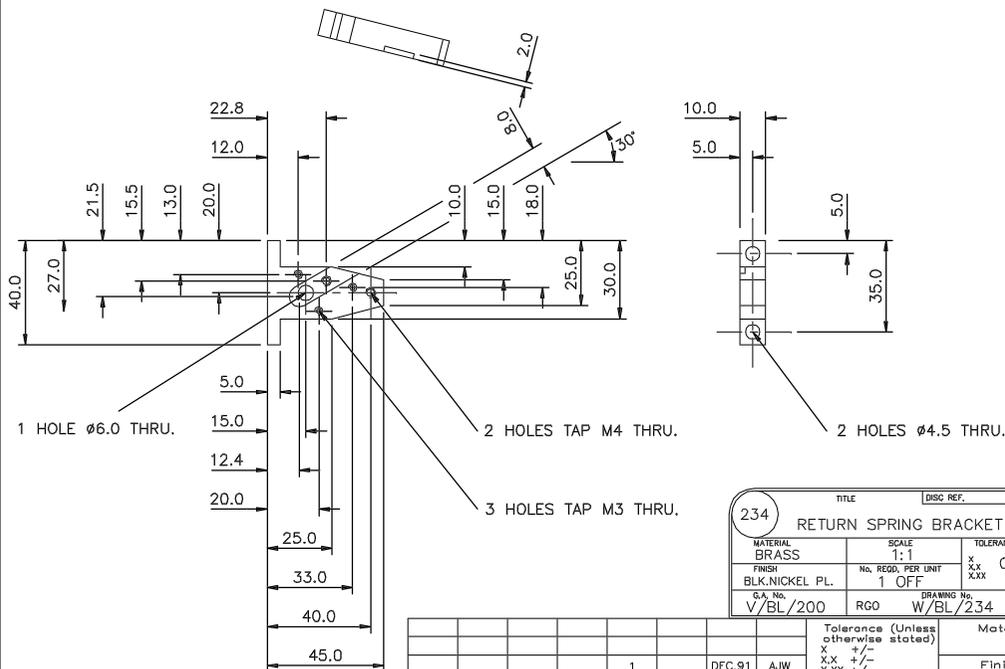


MAT'L - ST. STEEL

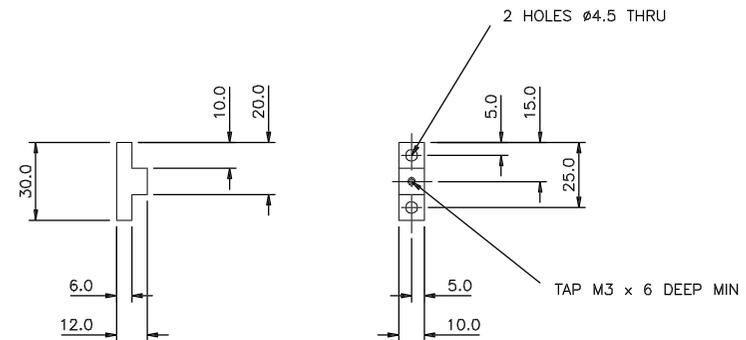


MAT'L - DELRIN

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				



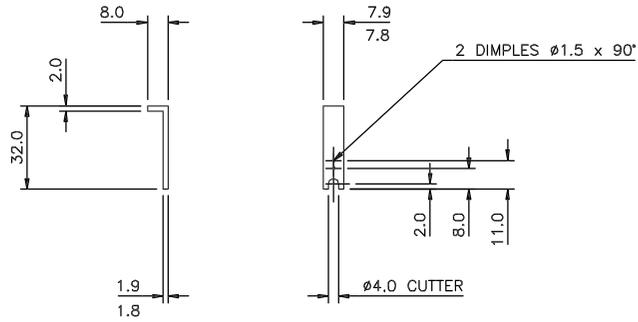
234		TITLE		DISC REF.	
RETURN SPRING BRACKET					
MATERIAL	SCALE	TOLERANCES		±	
BRASS	1:1	X	0.1		
FINISH	No. REQD. PER UNIT	X.X			
BLK.NICKEL PL	1 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	RGD W/BL/234				



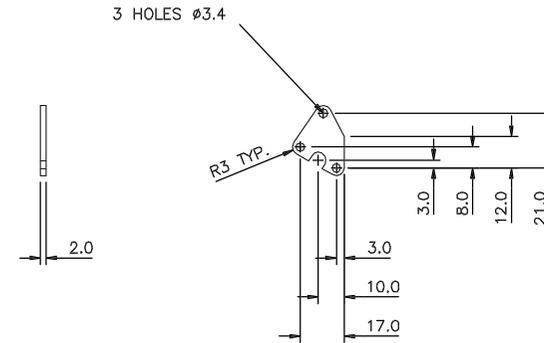
235		TITLE		DISC REF.	
CYLINDER MOUNT					
MATERIAL	SCALE	TOLERANCES		±	
6082 AL.ALLOY	1:1	X	0.1		
FINISH	No. REQD. PER UNIT	X.X			
MATT.BLK.ANODISE	1 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	RGD W/BL/235				

				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								

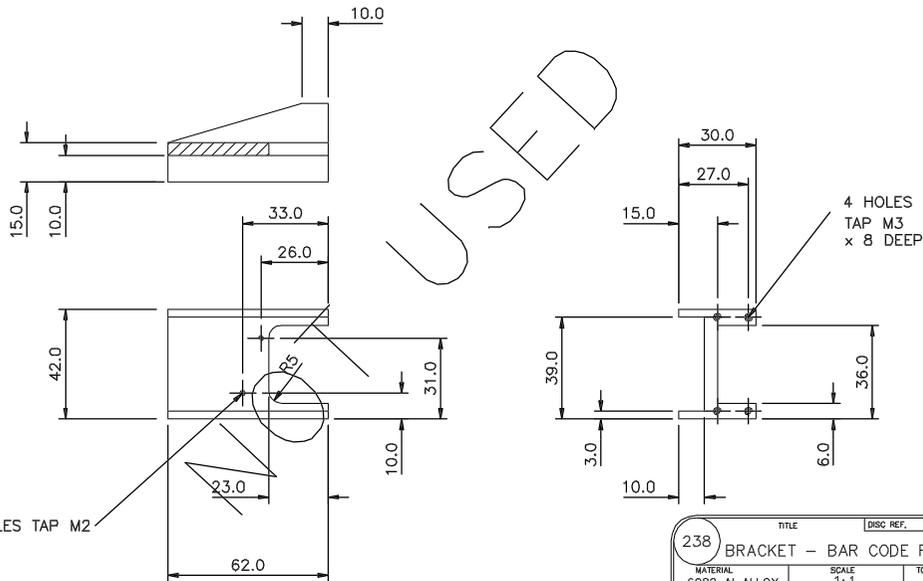
Drawing No.
W/BL/236-40



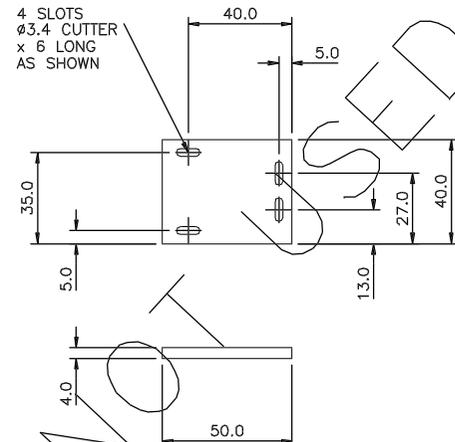
236	TITLE	DISC. REF.
LATCH		
MATERIAL ST. STEEL	SCALE 1:1	TOLERANCES ± X +/- X.X +/- X.XX +/-
FINISH CLEAN	No. REQD. PER UNIT 1 OFF	0.1
G.A. No. V/BL/200	RGD	DRAWING No. W/BL/236



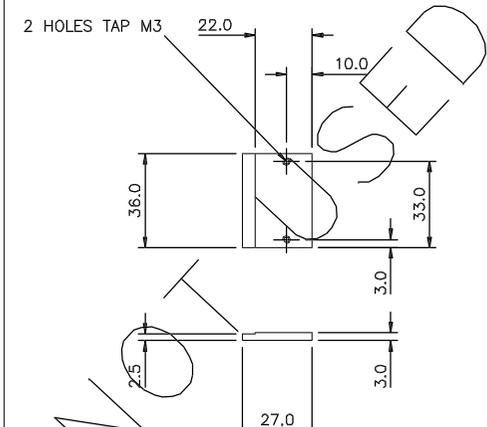
237	TITLE	DISC. REF.
RETAINING PLATE		
MATERIAL BRASS	SCALE 1:1	TOLERANCES ± X +/- X.X +/- X.XX +/-
FINISH BL. NICKEL PL.	No. REQD. PER UNIT 1 OFF	0.1
G.A. No. V/BL/200	RGD	DRAWING No. W/BL/237



238	TITLE	DISC. REF.
BRACKET - BAR CODE READER		
MATERIAL 6062 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

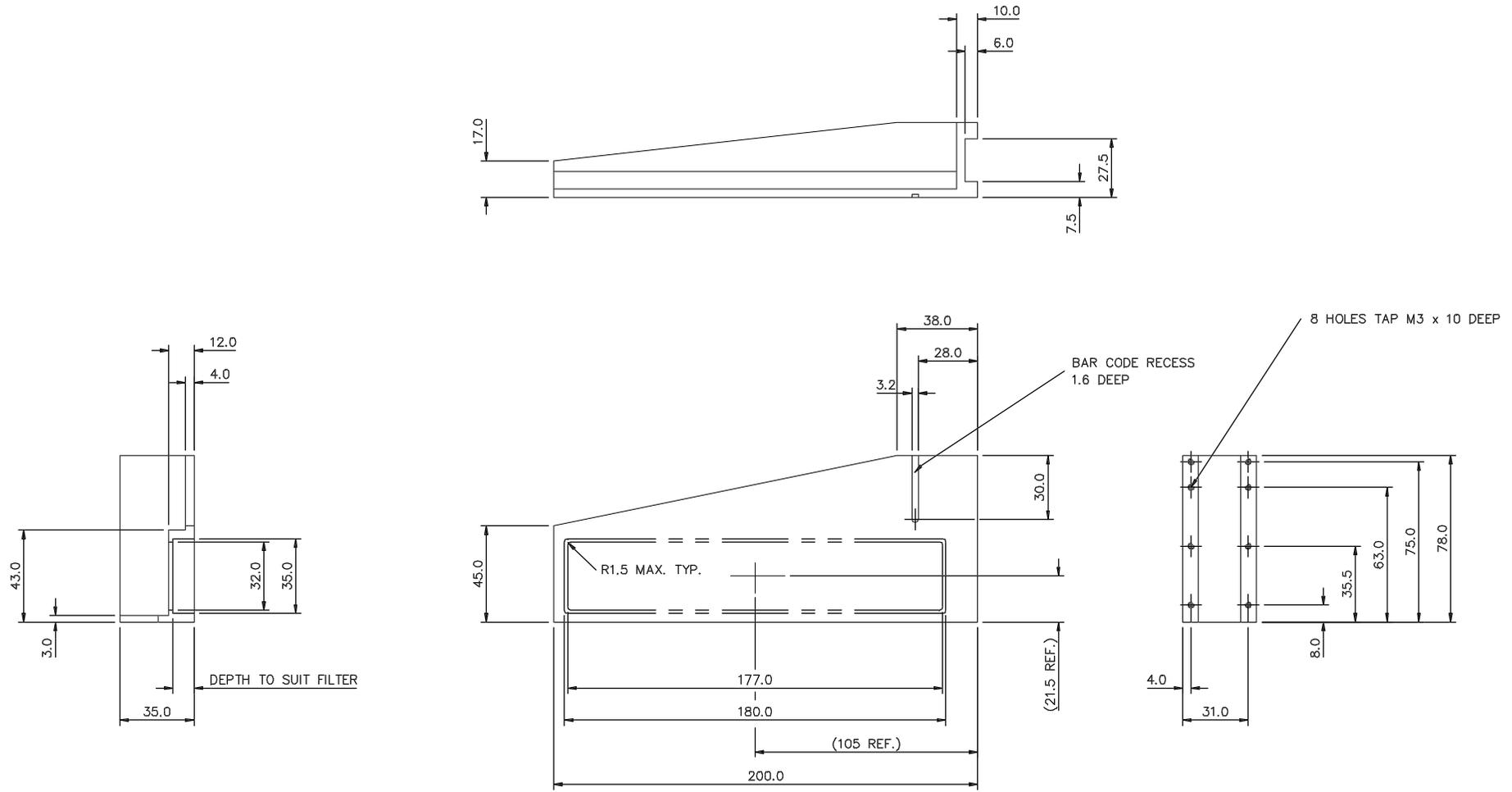


239	TITLE	DISC. REF.
BAR CODE MOUNT		
MATERIAL 6062 AL. ALLOY	SCALE 1:1	TOLERANCES ± X +/- X.X +/- X.XX +/-
FINISH MATT BLK. ANODISE	No. REQD. PER UNIT 1 OFF	0.1
G.A. No. V/BL/200	RGD	DRAWING No. W/BL/239



240	TITLE	DISC. REF.
BAR CODE PLATE		
MATERIAL 6062 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

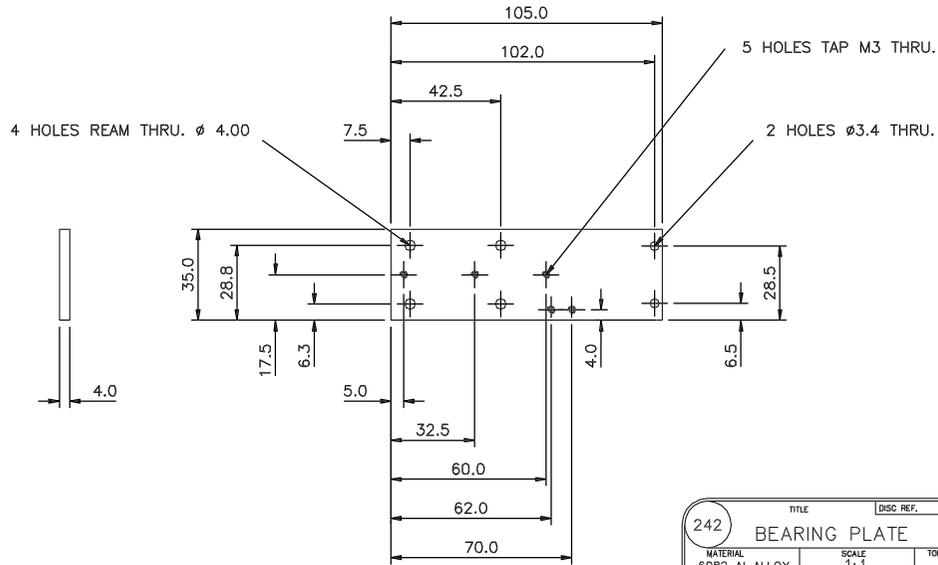
				Tolerance (Unless otherwise stated)		Material		Dimns. in m.m.		Scale		THIRD ANGLE PROJECTION		GA No. V/BL/200	
				X +/-		Finish		Drg. No.		ROYAL GREENWICH OBSERVATORY		Title		Drawing No.	
				X.X +/-		Drg. No. No. Req.		Used on		MADINGLEY ROAD		4.2m WYFFOS - SLIT UNIT		W/BL/236-40	
				X.XX +/-				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



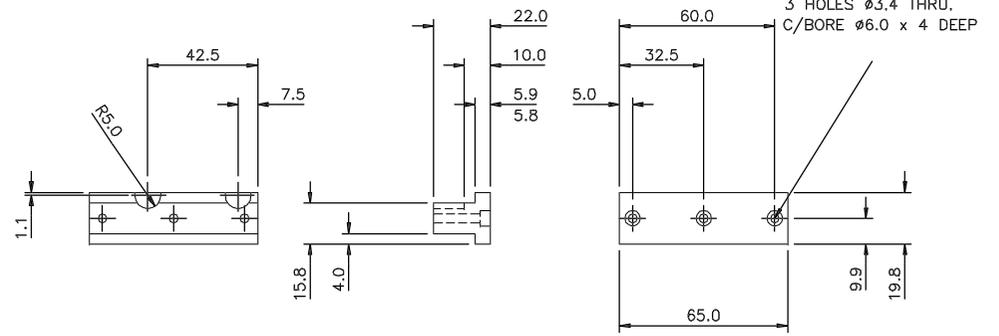
DIMENSIONS OF FILTER RECESS TO BE DETERMINED

				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 CAMBRIDGE CB3 0EZ					
Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by								
				1		DEC.91	AJW								

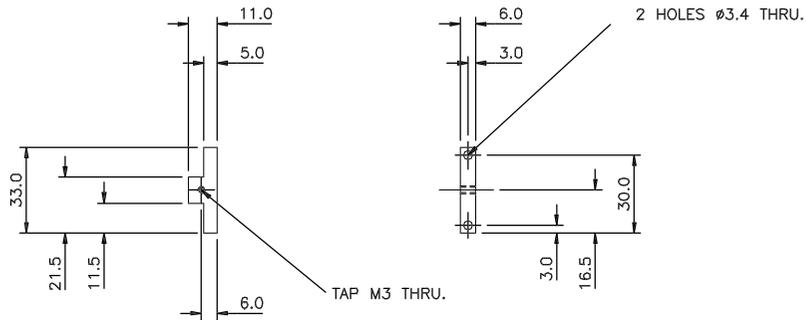
Drawing No.
W/BL/242-5



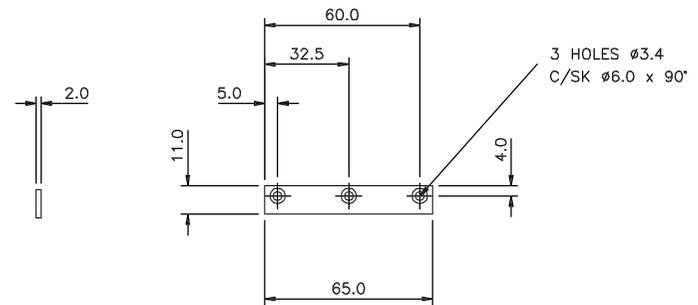
242		TITLE		DISC REF.	
BEARING PLATE					
MATERIAL	SCALE	TOLERANCES		±	
6082 AL.ALLOY	1:1	X	0.1		
FINISH	No. REQD. PER UNIT	X.X			
MATT BLK.ANODISE	1 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	RGD W/BL/242				



243		TITLE		DISC REF.	
TEE SLIDE					
MATERIAL	SCALE	TOLERANCES		±	
BRASS	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	RGD W/BL/243				

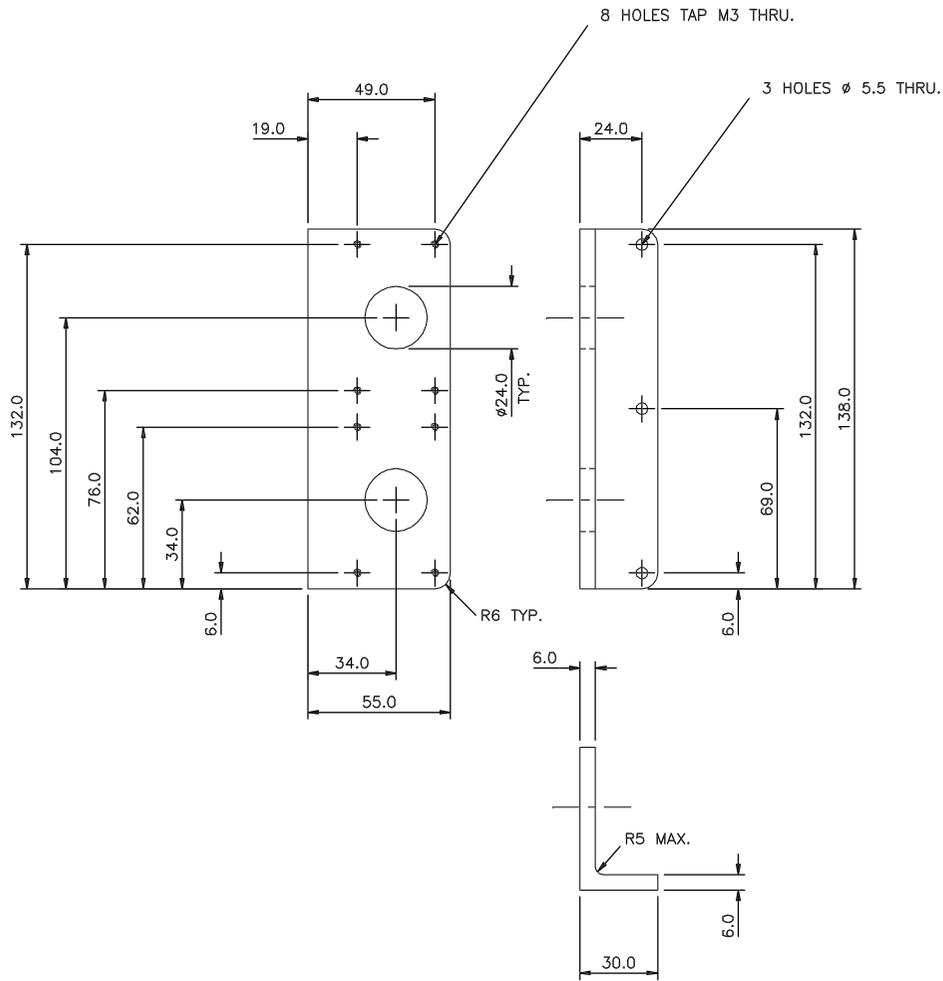


244		TITLE		DISC REF.	
STOP BRACKET					
MATERIAL	SCALE	TOLERANCES		±	
6082 AL.ALLOY	1:1	X	0.1		
FINISH	No. REQD. PER UNIT	X.X			
MATT BLK.ANODISE	2 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	RGD W/BL/244				

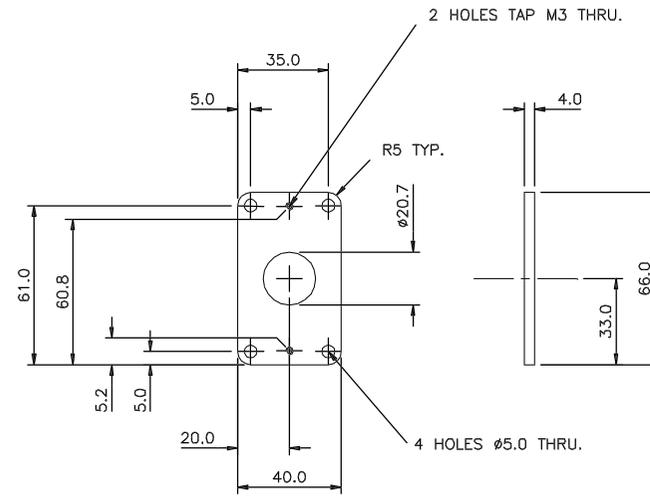


245		TITLE		DISC REF.	
RETAINERS					
MATERIAL	SCALE	TOLERANCES		±	
BRASS	1:1	X	0.1		
FINISH	No. REQD. PER UNIT	X.X			
BLK.NICKEL PL	4 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	RGD W/BL/245				

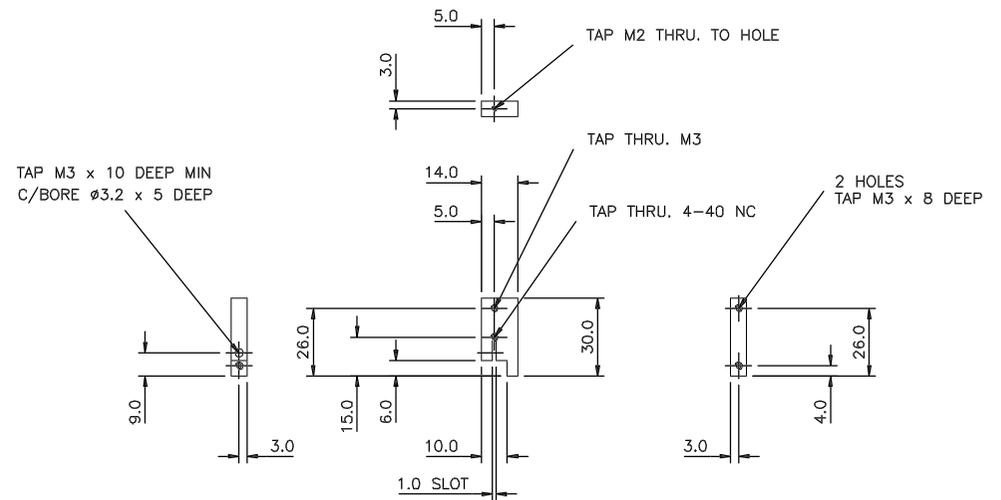
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				X +/-		Finish		Drg.No.		No.Req.		Title		Drawing No.	
				X.X +/-		ROYAL GREENWICH OBSERVATORY		MADINGLEY ROAD		CAMBRIDGE CB3 0EZ		4.2m WYFFOS - SLIT UNIT		W/BL/242-5	
				X.XX +/-		Used on						DETAILS			
				ANG. +/-											
Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by								
				1		DEC.91	AJW								



246	TITLE	DISC REF.
MOTOR BRACKET		
MATERIAL	SCALE	TOLERANCES \pm
6062 AL.ALLOY	1:1	X 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 \pm
6062 AL.ALLOY	1:1	X 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

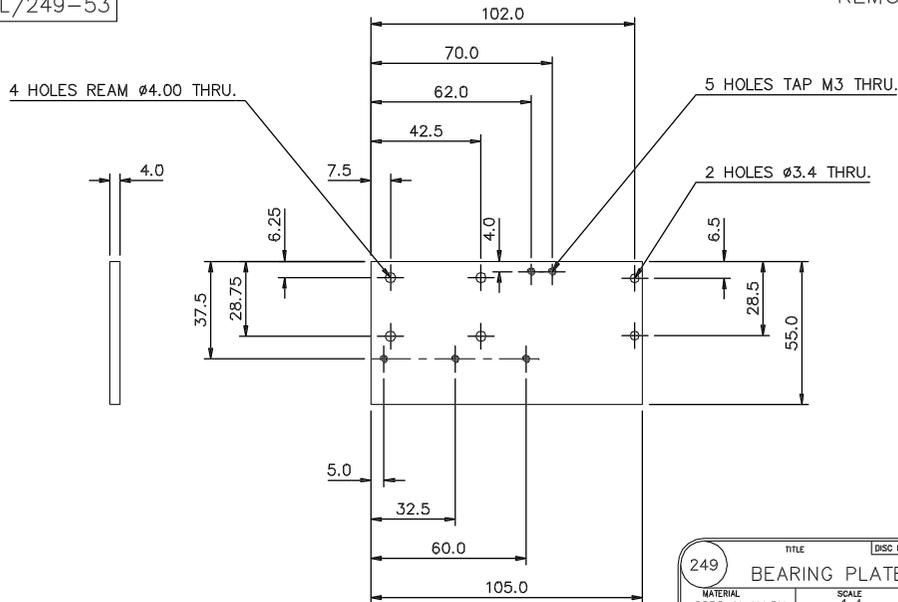


248	TITLE	DISC REF.
MOTOR SCREW END BRACKET		
MATERIAL	SCALE	TOLERANCES \pm
6062 AL.ALLOY	1:1	X 0.1
FINISH	No. REQ. PER UNIT	X.XX
MATT BLK.ANODISE	2 OFF	X.XX
G.A. No.	DRAWING No.	
V/BL/200	RGD	W/BL/248

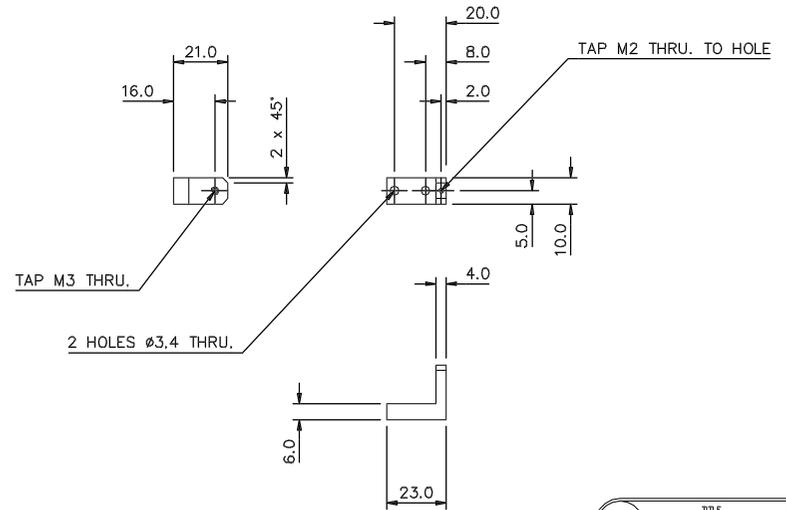
Tolerance (Unless otherwise stated)				Material		Dimns.in m.m.		Scale		THIRD ANGLE PROJECTION		GA No.	
X	+	-								Title		Drawing No.	
X.X	+	-		Finish	Drg.No.	No.Reg.	ROYAL GREENWICH OBSERVATORY		4.2m WYFFOS - SLIT UNIT		W/BL/246-8		
X.XX	+	-			Used on		MADINGLEY ROAD		DETAILS				
ANG.	+	-					CAMBRIDGE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

Drawing No.
W/BL/249-53

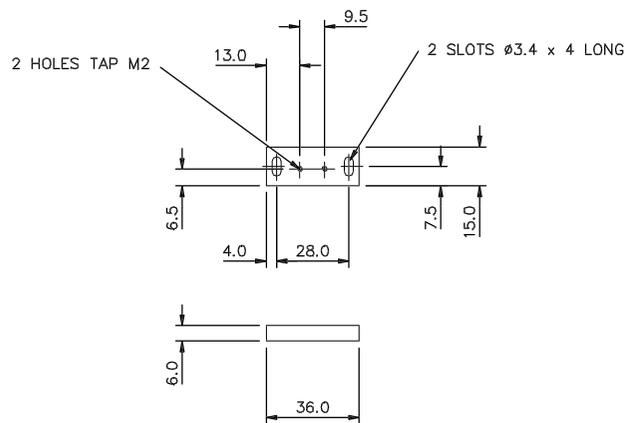
REMOVE ALL SHARP EDGES



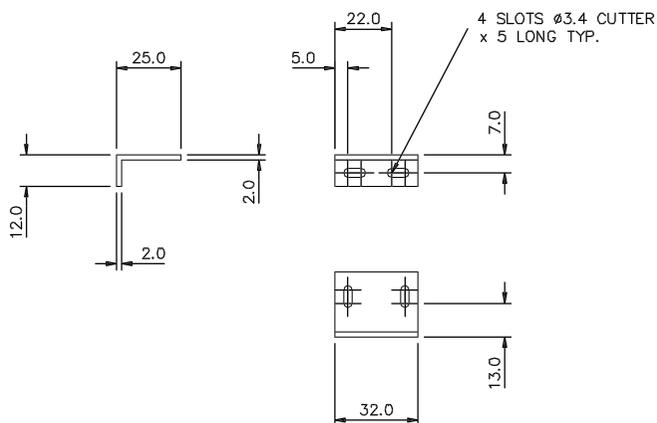
249		TITLE		DISC. REF.	
BEARING PLATE					
MATERIAL	SCALE	TOLERANCES		±	
6082 AL.ALLOY	1:1	X	+	X	0.1
FINISH	No. REQD. PER UNIT	X.X	+/-	X.XX	
MATT BLK.ANODISE	1 OFF	X.XX		X.XXX	
G.A. No.	DRAWING No.				
V/BL/200	W/BL/249				



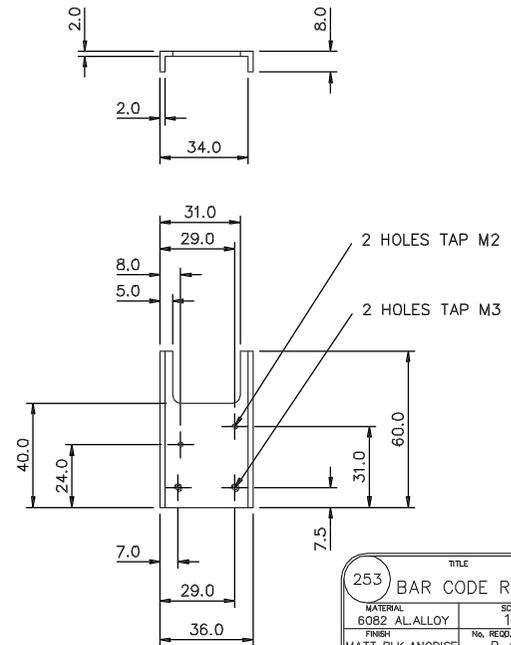
250		TITLE		DISC. REF.	
STOP BRACKET					
MATERIAL	SCALE	TOLERANCES		±	
6082 AL.ALLOY	1:1	X	+	X	0.1
FINISH	No. REQD. PER UNIT	X.X	+/-	X.XX	
MATT BLK.ANODISE	4 OFF	X.XX		X.XXX	
G.A. No.	DRAWING No.				
V/BL/200	W/BL/250				



251		TITLE		DISC. REF.	
SPACER MICRO SWITCH					
MATERIAL	SCALE	TOLERANCES		±	
6082 AL.ALLOY	1:1	X	+	X	0.1
FINISH	No. REQD. PER UNIT	X.X	+/-	X.XX	
MATT BLK.ANODISE	2 OFF	X.XX		X.XXX	
G.A. No.	DRAWING No.				
V/BL/200	W/BL/251				



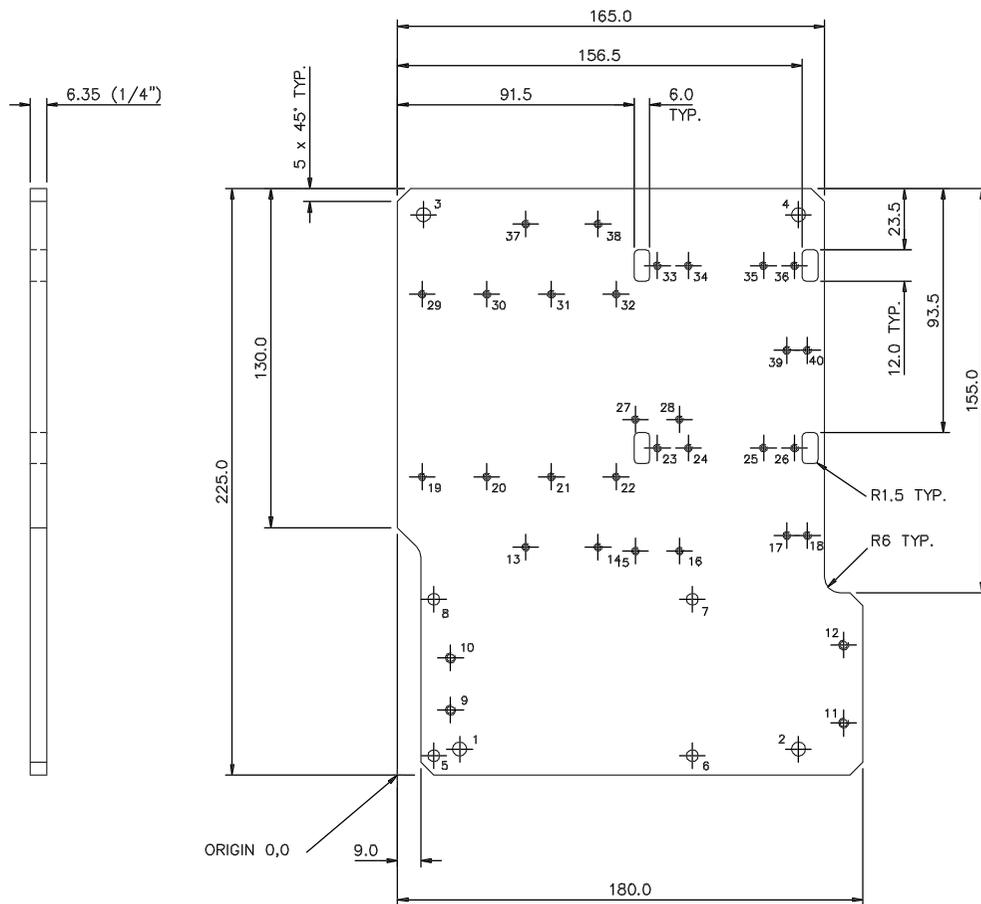
252		TITLE		DISC. REF.	
BAR CODE READER BRACKET					
MATERIAL	SCALE	TOLERANCES		±	
6082 AL.ALLOY	1:1	X	+	X	0.1
FINISH	No. REQD. PER UNIT	X.X	+/-	X.XX	
MATT BLK.ANODISE	2 OFF	X.XX		X.XXX	
G.A. No.	DRAWING No.				
V/BL/200	W/BL/252				



253		TITLE		DISC. REF.	
BAR CODE READER CARRIER					
MATERIAL	SCALE	TOLERANCES		±	
6082 AL.ALLOY	1:1	X	+	X	0.1
FINISH	No. REQD. PER UNIT	X.X	+/-	X.XX	
MATT BLK.ANODISE	2 OFF	X.XX		X.XXX	
G.A. No.	DRAWING No.				
V/BL/200	W/BL/253				

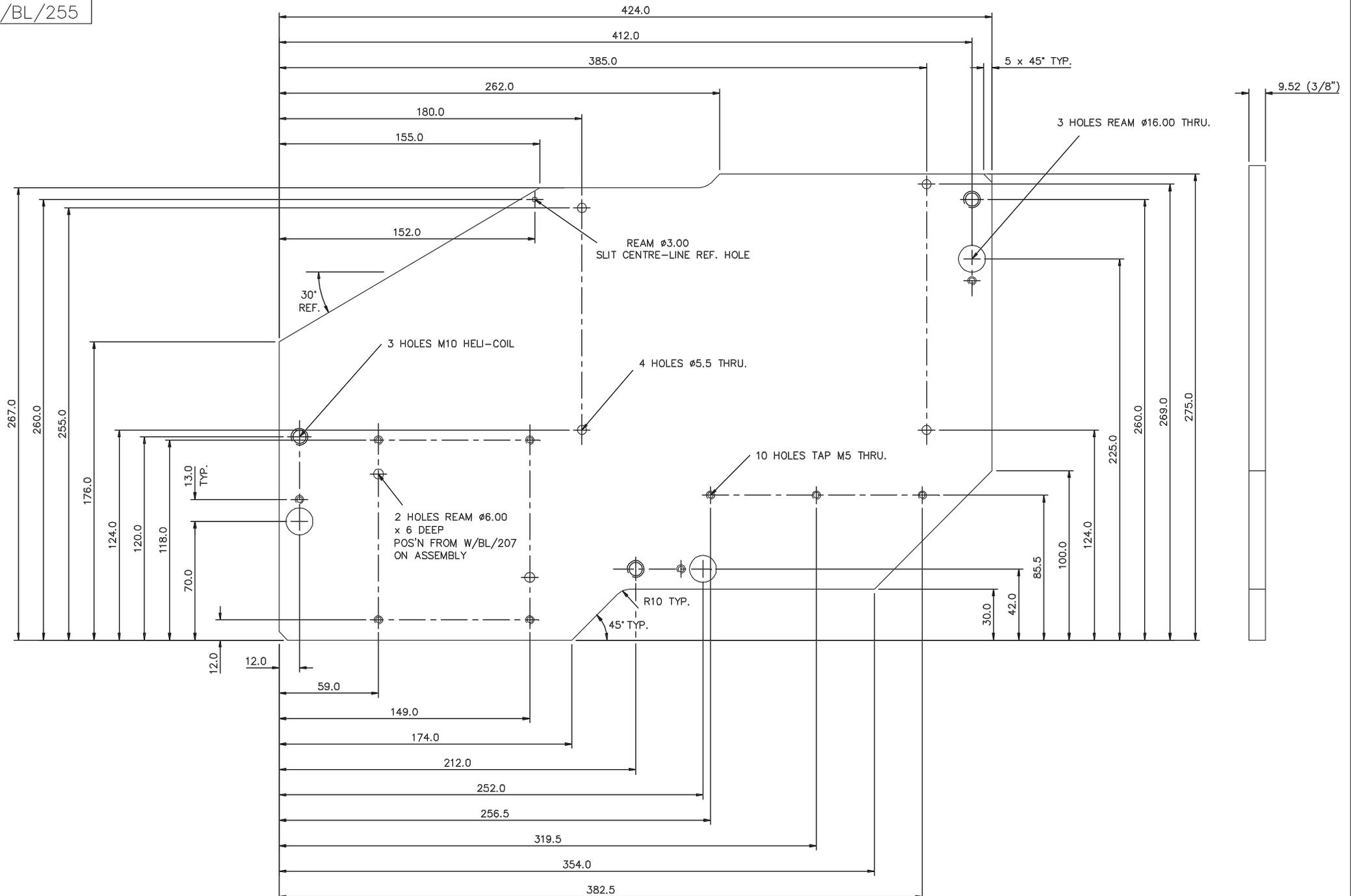
Issue		Date		Drawn by		Issue		Date		Drawn by		Tolerance (Unless otherwise stated)		Material		Dimns.in m.m.		Scale		THIRD ANGLE PROJECTION		G.A. No.	
		DEC,91		AJW								X +/-		ROYAL GREENWICH OBSERVATORY		1:1		Title		4.2m WYFFOS - SLIT UNIT		Drawing No.	
												X.X +/-		MADINGLEY ROAD						DETAILS		W/BL/249-53	
												X.XX +/-		CAMBRIDGE CB3 0EZ									
												ANG. +/-											

REMOVE ALL SHARP EDGES



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	14.0	7.5	∅ 4.5 THRU.
6	114.0	7.5	— —
7	114.0	67.5	— —
8	14.0	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	49.5	87.5	TAP M3 THRU.
14	77.5	87.5	— —
15	92.0	86.0	— —
16	109.0	86.0	— —
17	150.5	92.0	— —
18	158.5	92.0	— —
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	49.5	211.5	— —
38	77.5	211.5	— —
39	150.5	163.0	— —
40	158.5	163.0	— —

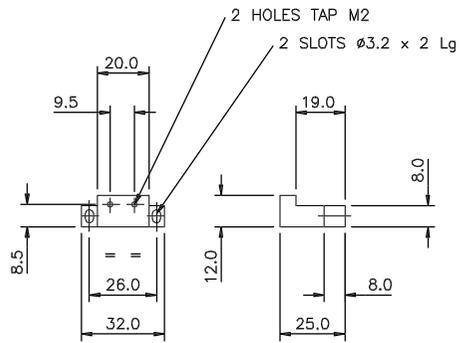
Issue		Mod.No		Date		Drawn by		Issue		Mod.No		Date		Drawn by		Tolerance (Unless otherwise stated)		Material		Dimns.in m.m.		Scale 1:1		THIRD ANGLE PROJECTION		GA No. V/BL/200	
		1		DEC.91		AJW										X +/- 0.3		AL ALLOY		1 OFF		ROYAL GREENWICH OBSERVATORY		Title		Drawing No.	
		2		DEC.92		AJW										X.X +/- 0.1		TOOLING PLATE		Drg.No.		No.Req.		4.2m WYFFOS- SLIT UNIT		W/BL/254	
																X.XX +/-		Finish		Used on		CAMBRIDGE CB3 0EZ		SUB PLATE FILTERS & SHUTTER			
																AWG +/-		MATT BLK,ANODISE									



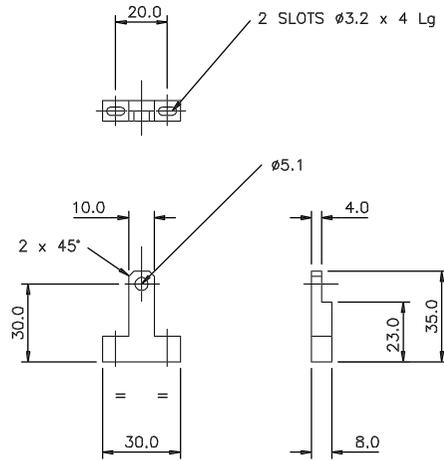
Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by	Tolerance (Unless otherwise stated)	Material	Dimns.in m.m.	Scale	THIRD ANGLE PROJECTION	GA No. V/BL/200	
				3		APR.94	AJW	X +/-	CAST AL TOOLING PL		1:1	ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD CAMBRIDGE CB3 0EZ	Drawing No.	
				2		DEC.92	AJW	X.X +/- 0.1	Finish	Drg.No.	No.Req.		4.2m WYFFOS - SLIT UNIT MOUNTING PLATE	W/BL/255
				1		DEC.91	AJW	X.XX +/- 0.05	MATT BLK.ANODISE	Used on	CB3 0EZ			

Drawing No.
W/BL/276-83

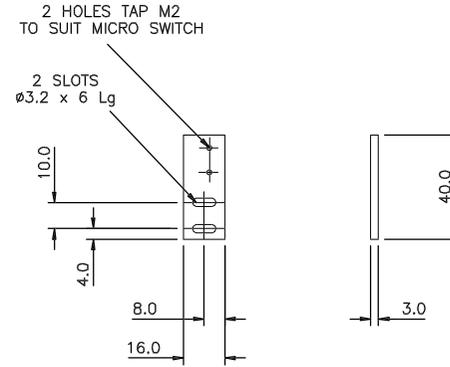
REMOVE ALL BURRS AND SHARP EDGES



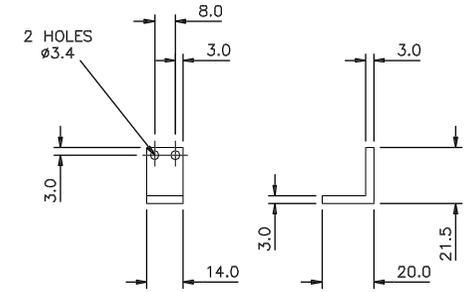
TITLE		DISC REF.	
276 BRACKET MICRO SWITCH			
MATERIAL	SCALE	TOLERANCES ±	
6082 AL.ALLOY	1:1	X	0.1
FINISH	No. REQD. PER UNIT	X.X	
MATT BLK.ANODISE	2 OFF	X.XX	
G.A. No.	DRAWING No.		
V/BL/200	W/BL/276		



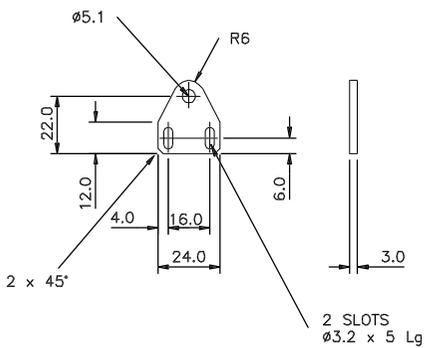
TITLE		DISC REF.	
277 BRACKET PROXIMITY SWITCH			
MATERIAL	SCALE	TOLERANCES ±	
6082 AL.ALLOY	1:1	X	0.1
FINISH	No. REQD. PER UNIT	X.X	
MATT BLK.ANODISE	1 OFF	X.XX	
G.A. No.	DRAWING No.		
V/BL/200	W/BL/277		



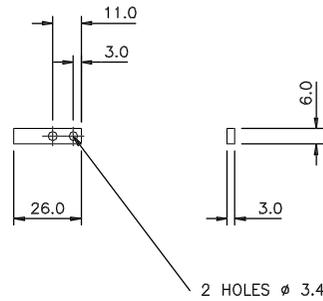
TITLE		DISC REF.	
278 PLATE MICRO SWITCH			
MATERIAL	SCALE	TOLERANCES ±	
6082 AL.ALLOY	1:1	X	0.1
FINISH	No. REQD. PER UNIT	X.X	
MATT BLK.ANODISE	1 OFF	X.XX	
G.A. No.	DRAWING No.		
V/BL/200	W/BL/278		



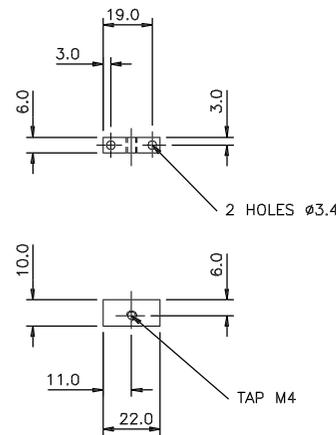
TITLE		DISC REF.	
279 FLAG MICRO SWITCH			
MATERIAL	SCALE	TOLERANCES ±	
6082 AL.ALLOY	1:1	X	0.1
FINISH	No. REQD. PER UNIT	X.X	
MATT BLK.ANODISE	1 OFF	X.XX	
G.A. No.	DRAWING No.		
V/BL/200	W/BL/279		



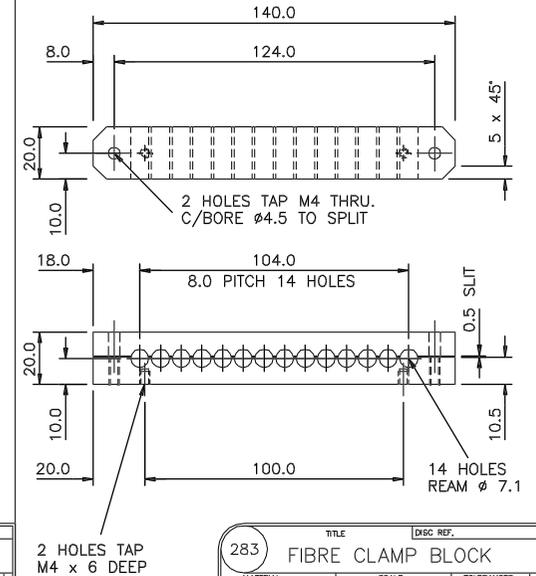
TITLE		DISC REF.	
280 BRACKET PROX. SWITCH			
MATERIAL	SCALE	TOLERANCES ±	
6082 AL.ALLOY	1:1	X	0.1
FINISH	No. REQD. PER UNIT	X.X	
MATT BLK.ANODISE	1 OFF	X.XX	
G.A. No.	DRAWING No.		
V/BL/200	W/BL/280		



TITLE		DISC REF.	
281 SWITCH FLAG			
MATERIAL	SCALE	TOLERANCES ±	
MILD STEEL	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	W/BL/281		



TITLE		DISC REF.	
282 STOP BLOCK			
MATERIAL	SCALE	TOLERANCES ±	
6082 AL.ALLOY	1:1	X	0.1
FINISH	No. REQD. PER UNIT	X.X	
MATT BLK.ANODISE	2 OFF	X.XX	
G.A. No.	DRAWING No.		
V/BL/200	W/BL/282		

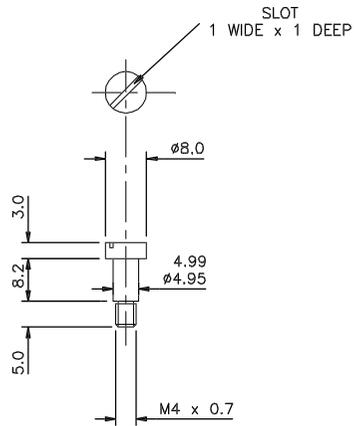


TITLE		DISC REF.	
283 FIBRE CLAMP BLOCK			
MATERIAL	SCALE	TOLERANCES ±	
6082 AL.ALLOY	1:1	X	0.1
FINISH	No. REQD. PER UNIT	X.X	
BLK.ANODISE	1 OFF	X.XX	
G.A. No.	DRAWING No.		
V/BL/200	W/BL/283		

Tolerance (Unless otherwise stated)		Material	Dimns.in m.m.	Scale	THIRD ANGLE PROJECTION	G.A. No.
X +/-					4.2m WYFFOS - SLIT UNIT DETAILS	Drawing No.
X.X +/-		Finish	Drg.No.	No.Req.		W/BL/276-83
X.XX +/-			Used on			
ANG: +/-						

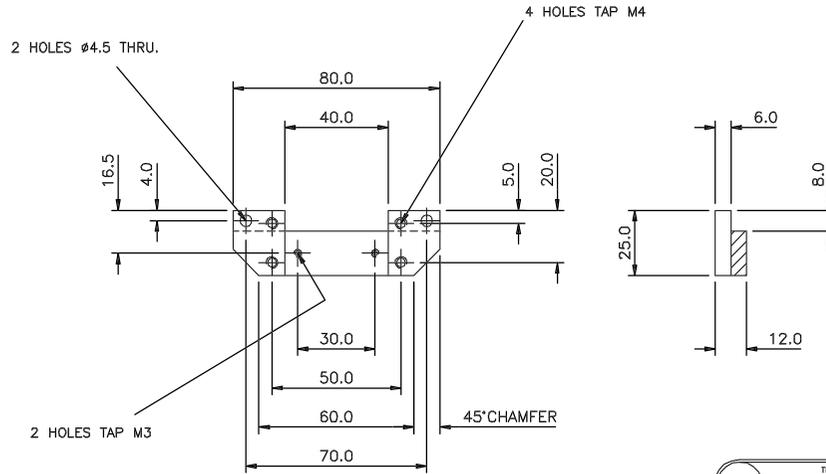
ROYAL GREENWICH OBSERVATORY
MADINGLEY ROAD
CAMBRIDGE CB3 0EZ

Drawing No.
W/BL/284-7

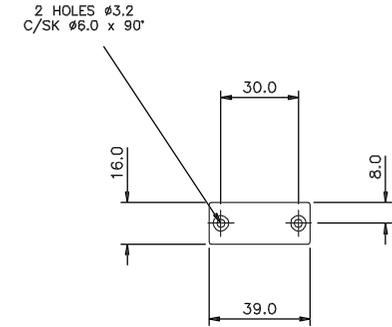


284	TITLE	DISC. REF.
SHOULDER SCREW		
MATERIAL ST.STL	SCALE 1:1	TOLERANCES ± X 0.1 XX XXX
FINISH CLEAN	No. REQD. PER UNIT 2 OFF	
G.A. No. V/BL/200	RGO	DRAWING No. W/BL/284

REMOVE ALL SHARP EDGES



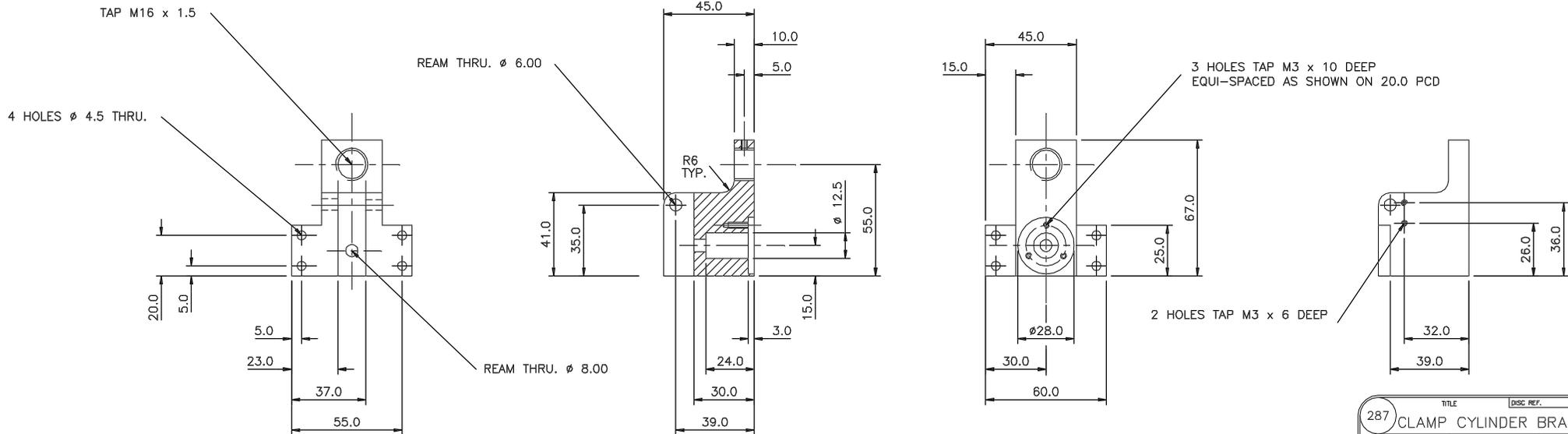
285	TITLE	DISC. REF.
CLAMP BACKING PLATE		
MATERIAL AL.ALLOY	SCALE 1:1	TOLERANCES ± X 0.1 XX XXX
FINISH BLK ANODISE	No. REQD. PER UNIT 1 OFF	
G.A. No. V/BL/200	RGO	DRAWING No. W/BL/285



NOTE
1.6mm THICK MINIMUM
TO SUIT CLAMP VANE

286	TITLE	DISC. REF.
CLAMP FRICTION PAD		
MATERIAL G10 GRP	SCALE 1:1	TOLERANCES ± X 0.1 XX XXX
FINISH CLEAN	No. REQD. PER UNIT 1 OFF	
G.A. No. V/BL/200	RGO	DRAWING No. W/BL/286

REMOVE ALL SHARP EDGES

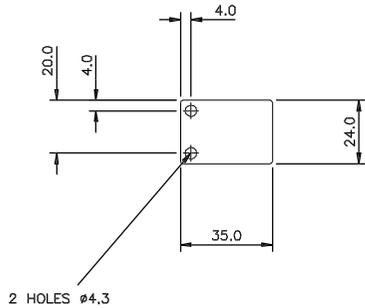


287	TITLE	DISC. REF.
CLAMP CYLINDER BRACKET		
MATERIAL AL.ALLOY	SCALE 1:1	TOLERANCES ± X 0.1 XX XXX
FINISH BLK ANODISE	No. REQD. PER UNIT 1 OFF	
G.A. No. V/BL/200	RGO	DRAWING No. W/BL/287

		2		SEPT.94	AJW	Tolerance (Unless otherwise stated) X +/- XX +/- XXX +/- ANG. +/-	Material	Dimns. in m.m.		Scale	THIRD ANGLE PROJECTION		GA No. V/BL/200
		1		DEC.92	AJW			Finish	Drg.No.	No. Req.	ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD CAMBRIDGE CB3 0EZ	Title	4.2m WYFFOS - SLIT UNIT DETAILS
Issue	Mod.No.	Date	Drawn by	Issue	Mod.No.	Date	Drawn by		Used on				

DRG NO. W/BL/288-

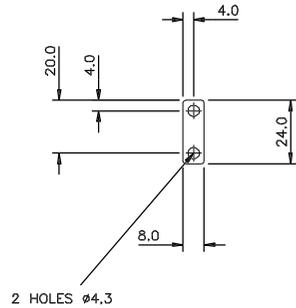
DO NOT SCALE



2 HOLES $\phi 4.3$

NOTE
1mm THICK

288	TITLE		DISC. REF.
	CLAMP VANE		
MATERIAL	SCALE	TOLERANCES \pm	
ST.STL	1:1	X	0.1
FINISH	No. RECD. PER UNIT	X.X	
CLEAN	1 OFF	X.XX	
G.A. No.	DRAWING No.		
V/BL/200	RG0	W/BL/288	



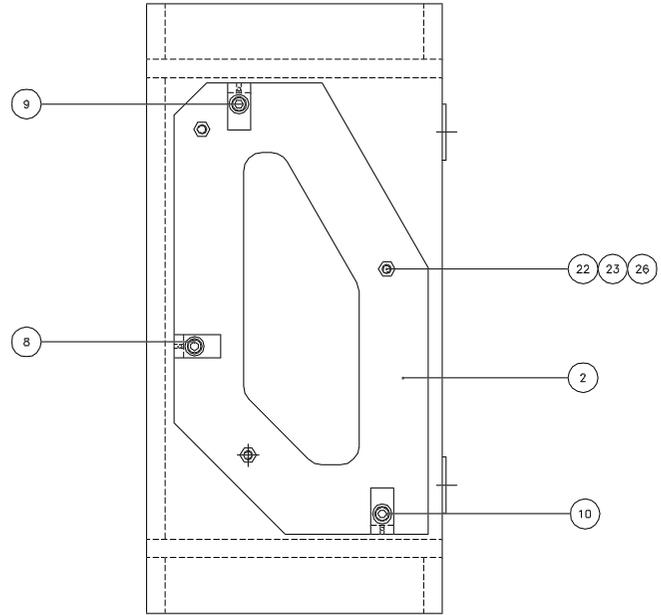
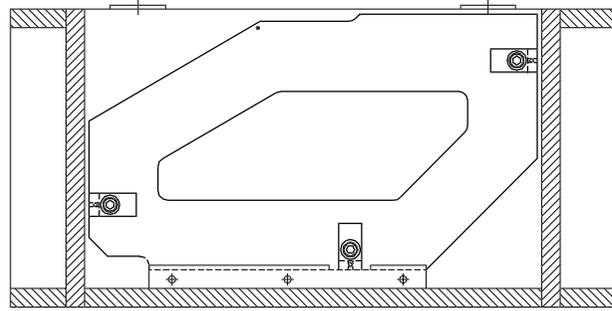
2 HOLES $\phi 4.3$

NOTE
1.6mm THICK
TO SUIT GRP FRICTION PAD

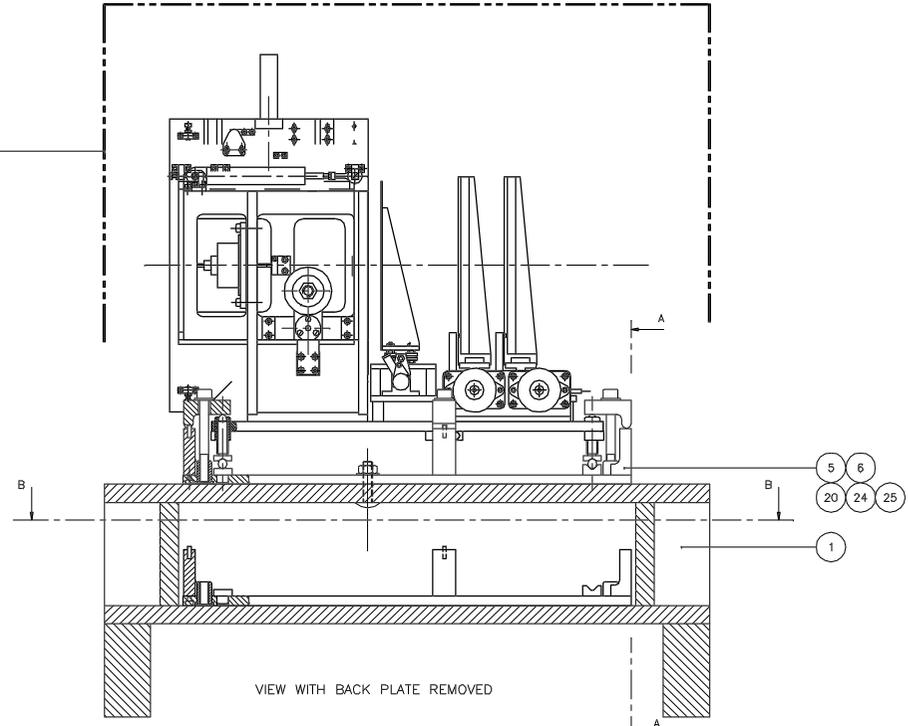
289	TITLE		DISC. REF.
	CLAMP VANE SPACER		
MATERIAL	SCALE	TOLERANCES \pm	
AL.ALLOY	1:1	X	0.1
FINISH	No. RECD. PER UNIT	X.X	
BLK.ANODISE	1 OFF	X.XX	
G.A. No.	DRAWING No.		
V/BL/200	RG0	W/BL/289	

							TOLERANCES (UNLESS OTHERWISE STATED)	MATERIAL	THIRD ANGLE PROJECTION	DIMS IN mm	ORIGINAL SCALE	ORIGINAL SHEET SIZE A1		G.A. NO.	V/BL/200	LOC'N. BL	
							X \pm	FINISH					ROYAL GREENWICH OBSERVATORY		DRG NO.		SHT. 1
							X.X \pm						4.2M WYFFOS - SLIT UNIT		W/BL/288-		
							X.XX \pm						DETAILS				
ISSUE	MOD. NO.	DATE	DRAWN BY	ISSUE	MOD. NO.	DATE	DRAWN BY										

SECTION B - B

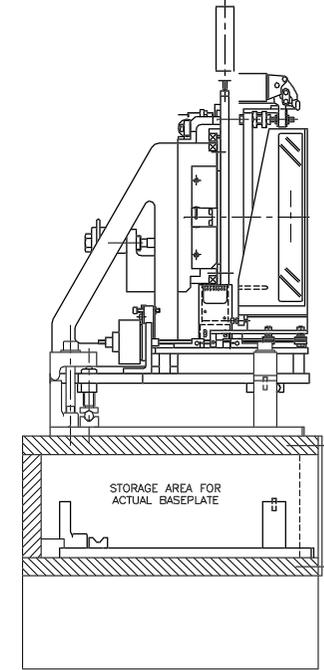


COVER TO SUIT (30)



VIEW WITH BACK PLATE REMOVED

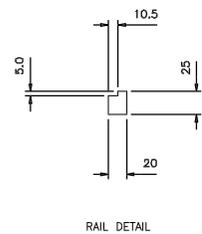
SECTION A - A



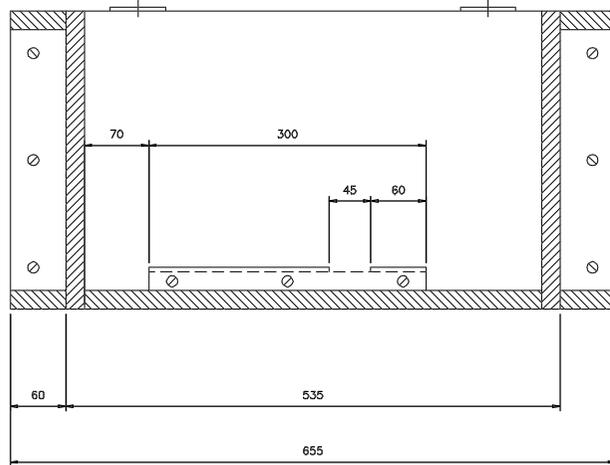
STORAGE AREA FOR ACTUAL BASEPLATE

REF. FOR SLIT ASSEMBLY V/BL/200

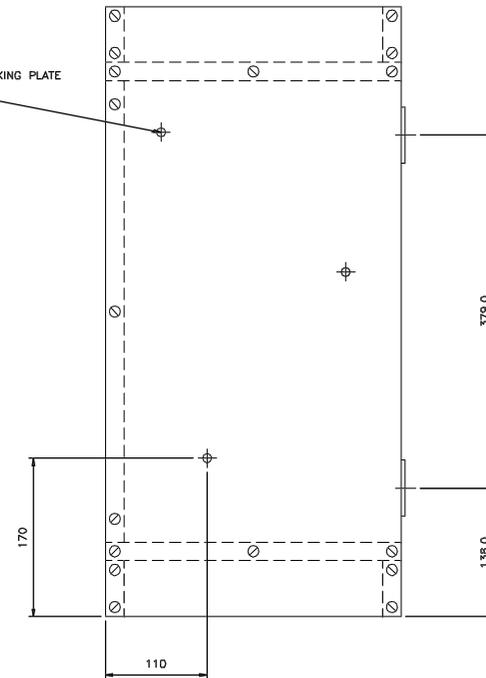
								TOLERANCES (UNLESS OTHERWISE STATED)	MATERIAL	THIRD ANGLE PROJECTION	DIMS IN mm ORIGINAL SCALE 1:2	ORIGINAL SHEET SIZE A0	G.A. NO.	LOCN. BL
								X ±	FINISH	NO. REQ'D PER ASS'Y	ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD CAMBRIDGE CB3 0EZ	TITLE	DRG. NO.	SHT.NO. 1
ISSUE	MCD NO.	DATE	DRAWN BY	ISSUE	MCD NO.	DATE	DRAWN BY	ANG. ±			PLATEN FOR WYFFOS SLIT	V/BL/810		
				1		28/03/94	AJW	XX ±						



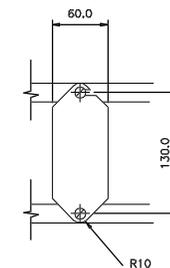
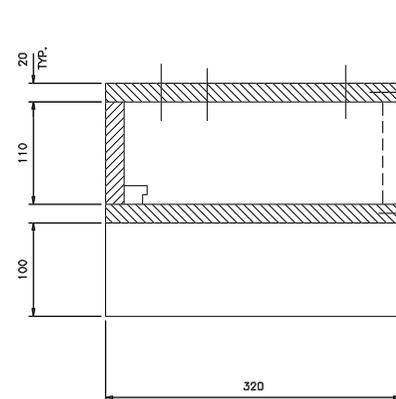
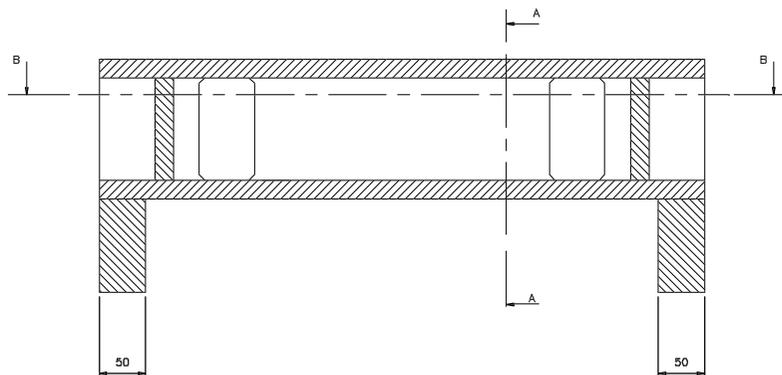
SECTION B - B



3 HOLES TO SUIT
#10 COACH BOLTS
POSITION FROM PARKING PLATE
W/BL/812



VIEW WITH BACK PLATE REMOVED



PIVOT LATCH DETAIL
2 OFF 4mm THK AL-ALLOY

ALL WOOD CONSTRUCTION SCREWED AND GLUED

								TOLERANCES (UNLESS OTHERWISE STATED)	MATERIAL PLYWOOD AND HARDWOOD	THIRD ANGLE PROJECTION	DIMS IN mm	ORIGINAL SCALE 1:2	ORIGINAL SHEET SIZE A0		G.A. NO.	V/BL/810	LOCN.	BL	
								X ± 1	FINISH	NO. REQ'D PER ASSY	ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD CAMBRIDGE CB3 0EZ	TITLE	1	PLATEN DETAIL WYFFOS SLIT ASSEMBLY		DRG. NO.	V/BL/811	SHT.NO.	1
ISSUE	MOD. NO.	DATE	DRAWN BY	ISSUE	MOD. NO.	DATE	DRAWN BY	ANG. ±	1 OFF										
				1		29/03/94	AJW												

