

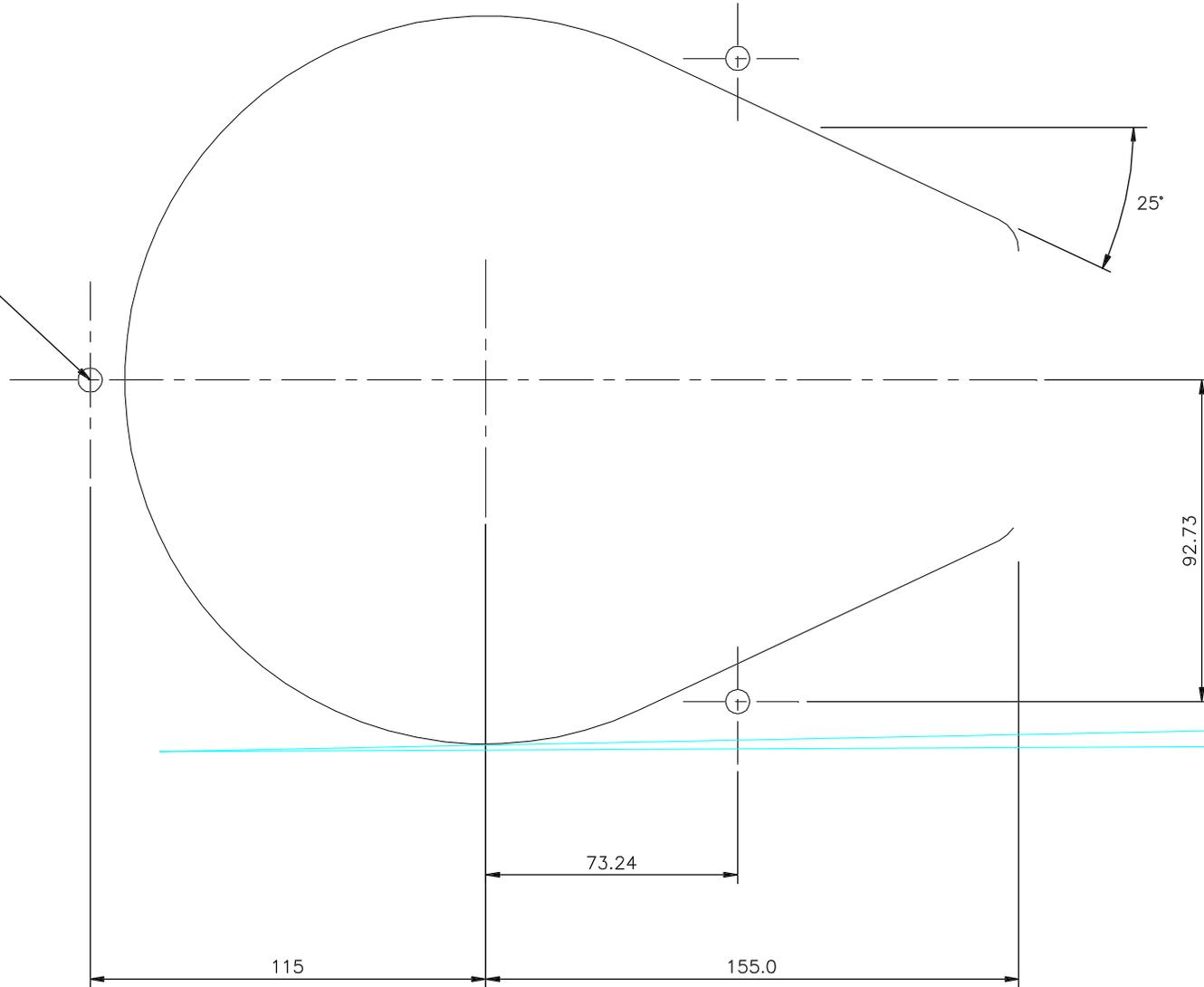
DRG NO.

BL/986

DO NOT SCALE

REMOVE ALL SHARP EDGES

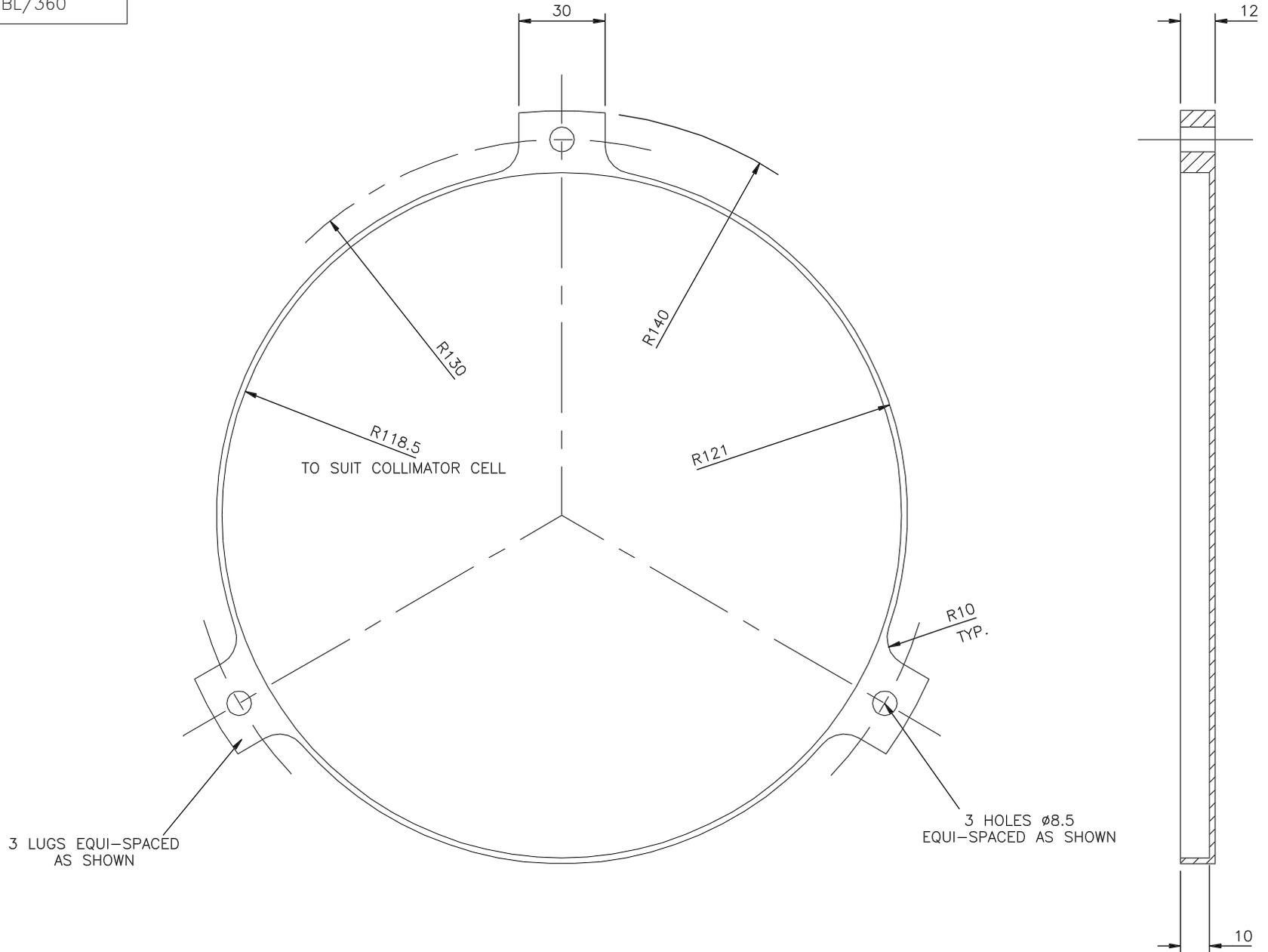
3 HOLES Ø7.0



				TOLERANCES (UNLESS OTHERWISE STATED) X ± 0.3 X.X ± 0.1 X.XX ± 0.1 ANG. ±	MATERIAL 2mm AL.ALLOY	THIRD ANGLE PROJECTION ⊕ ↙	DIMS IN mm	ORIGINAL SCALE 1:1	ORIGINAL SHEET SIZE A2	G.A. NO. BL/950
1		21/03/95	AJW		FINISH PAINT AS COVER	NO. REQ'D PER ASS'Y 2 OFF	ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD CAMBRIDGE CB3 0EZ	TITLE CRYOSTAT CLEARANCE HOLE PROFILE WYFFOS COVER	LOC'N. BL SHT. 1	DRG NO. BL/986

DRG NO.
BL/360

DO NOT SCALE

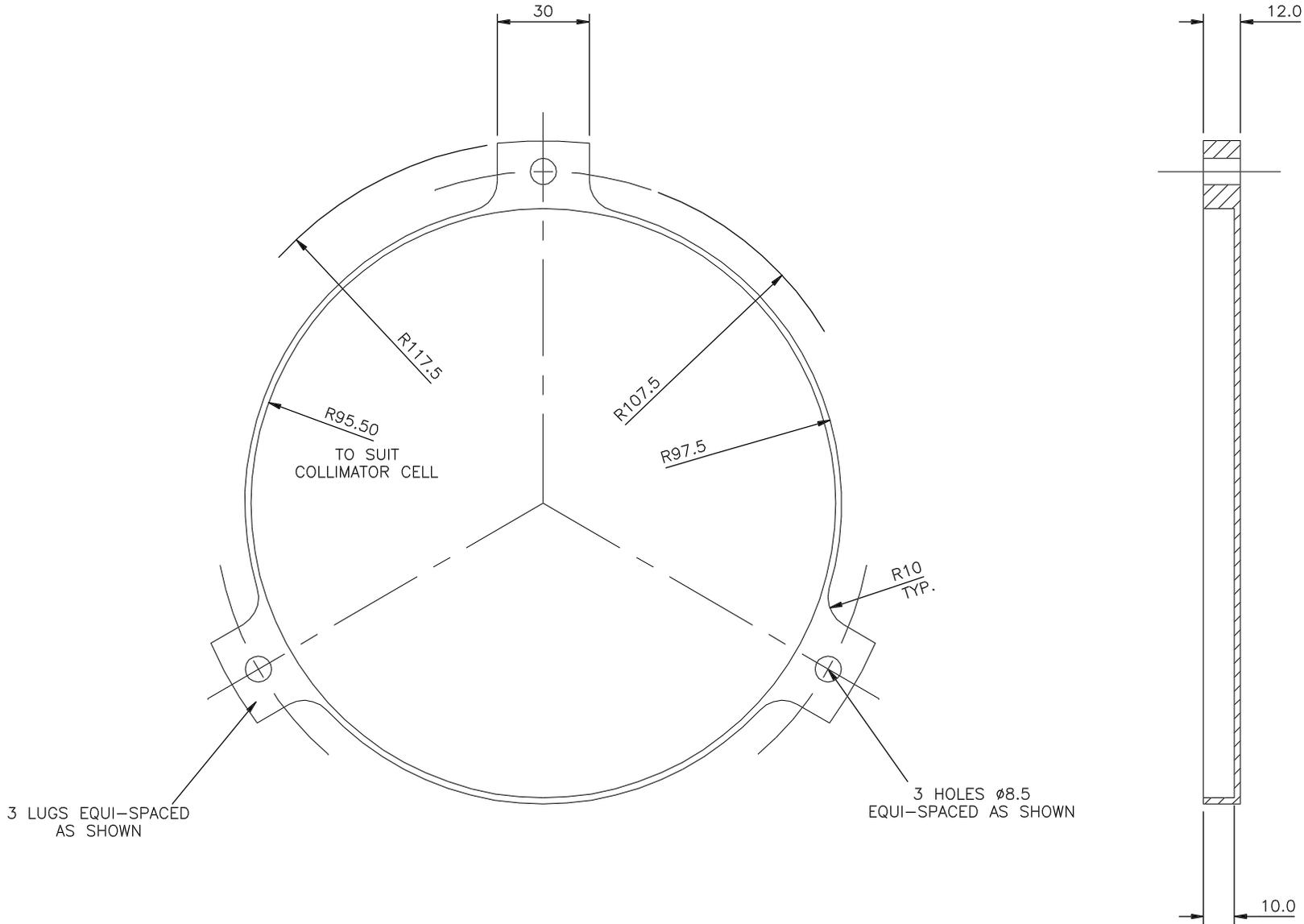


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				X ± 0.3	RED PLASTIC					ROYAL GREENWICH OBSERVATORY		LOC'N.	BL	SHT.	1
				X.X ± 0.1	FINISH	NO. REQ'D PER ASSY					MADINGLEY ROAD		DRG NO.		
				X.XX ±	CLEAN	2 OFF					CAMBRIDGE CB3 0EZ		BL/360		
				ANG. ±											
1		17/01/95	AJW												
ISSUE	MOD. NO.	DATE	DRAWN BY												

DRG NO.

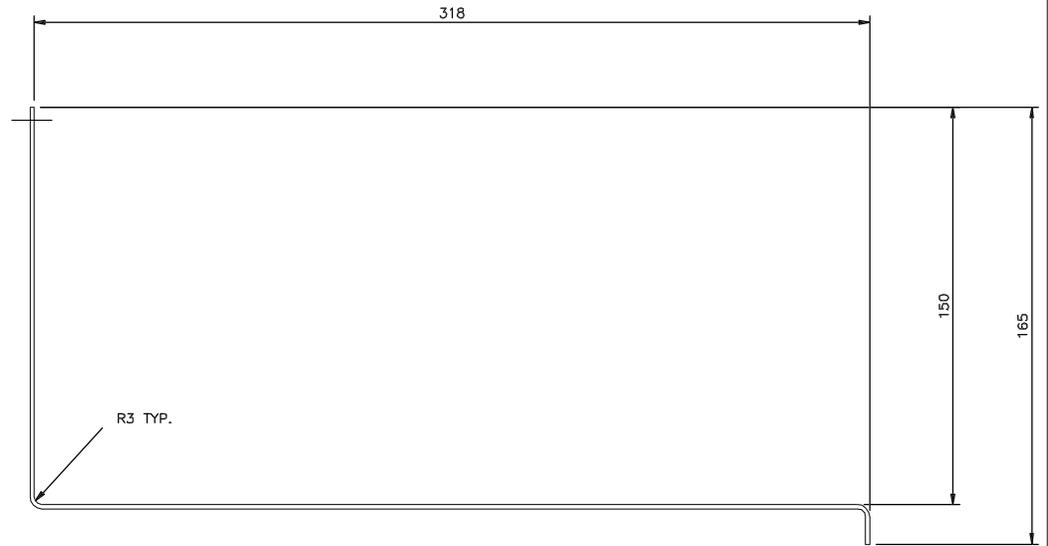
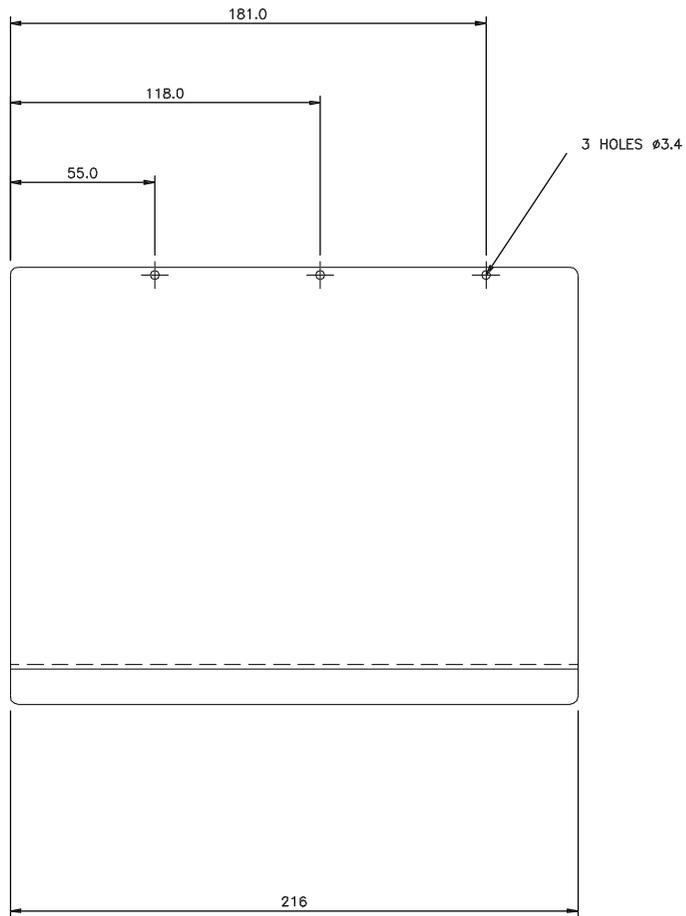
BL/361

DO NOT SCALE



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				X ± 0.3	RED PLASTIC						LOC'N. BL SHT. 1
1		17/01/95	AJW	X.X ± 0.3	FINISH	NO. REQ'D PER ASSY	ROYAL GREENWICH OBSERVATORY	TITLE			DRG NO.
ISSUE	MOD. NO.	DATE	DRAWN BY	X.XX ± 0.3	CLEAN	2 OFF	MADINGLEY ROAD	COVER - WYFFOS COLLIMATOR OPTICS			BL/361
				ANG. ± 0.1			CAMBRIDGE CB3 0EZ				

DO NOT SCALE
REMOVE ALL SHARP EDGES

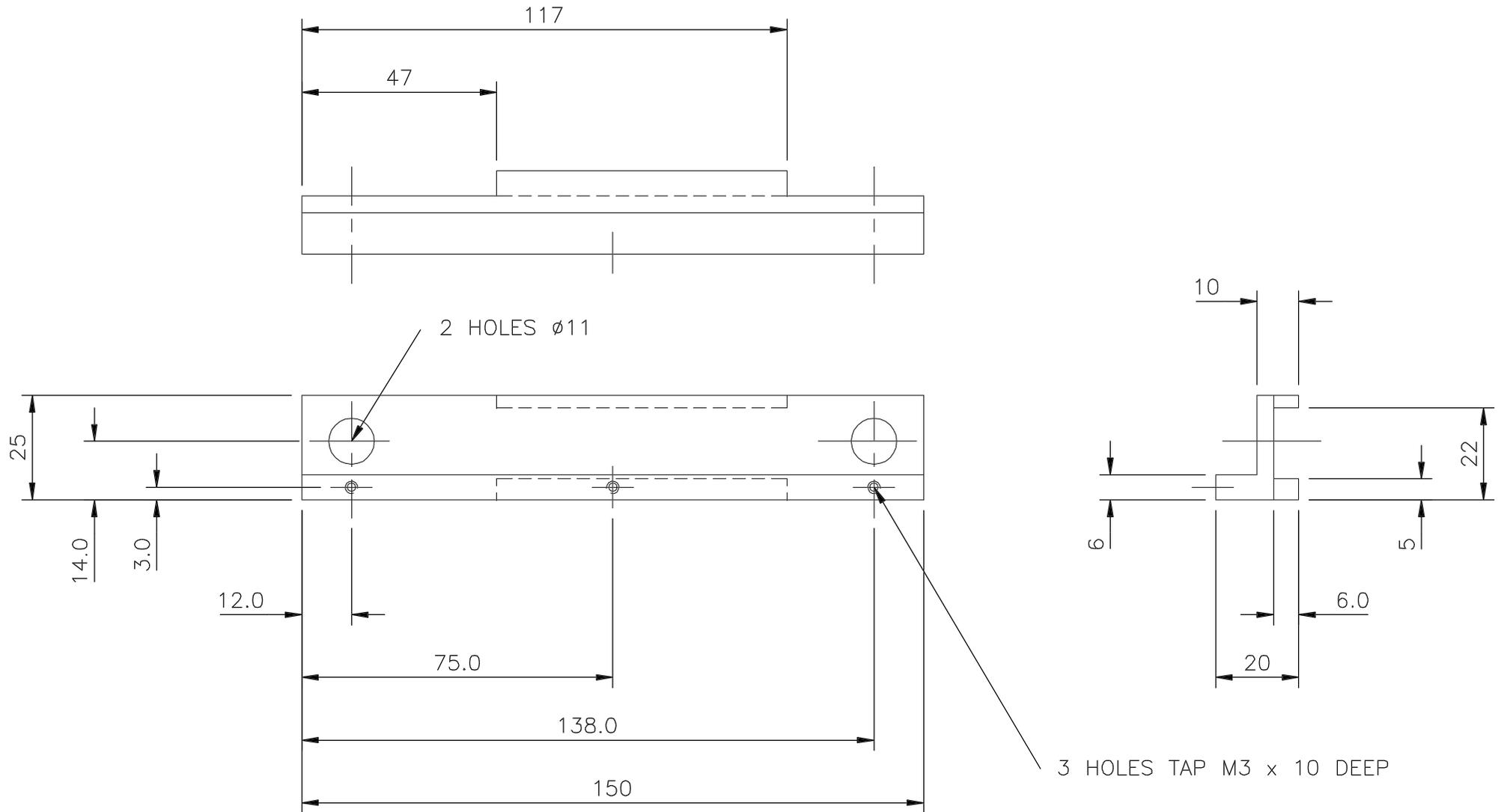


							TOLERANCES (UNLESS OTHERWISE STATED)		MATERIAL	THIRD ANGLE PROJECTION	DIMS IN mm	ORIGINAL SCALE 1:1	ORIGINAL SHEET SIZE A1		G.A. NO.	V/BL/550	LOC'N. BL	
							X	± 0.5	1.6mm AL.ALLOY					ROYAL GREENWICH OBSERVATORY		DRG NO.		SHT. 1
							X.X	± 0.2	FINISH					MADINGLEY ROAD		BL/567		
ISSUE	MOD. NO.	DATE	DRAWN BY	ISSUE	MOD. NO.	DATE	DRAWN BY	BLK.ANODISE	NO. REQ'D PER ASS'Y				CAMBRIDGE CB3 0EZ					

DRG NO.
BL/568

DO NOT SCALE

REMOVE ALL SHARP EDGES

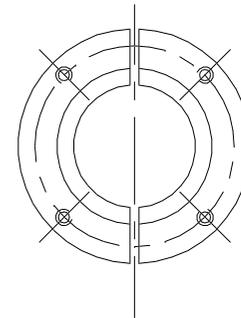
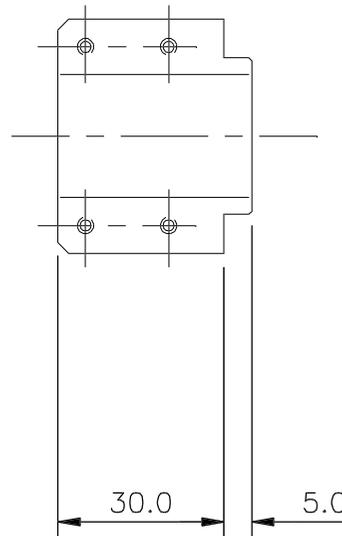
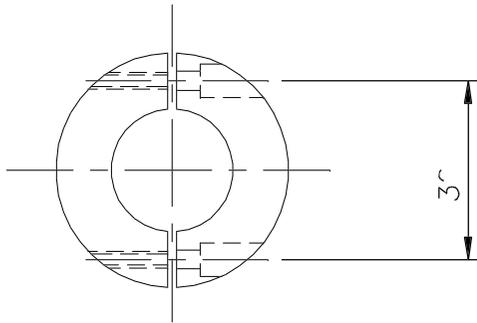


			TOLERANCES (UNLESS OTHERWISE STATED)	MATERIAL	THIRD ANGLE PROJECTION	DIMS IN mm	ORIGINAL SCALE 1:1	ORIGINAL SHEET SIZE A3	G.A. NO.	V/BL/550	
			X \pm 0.3	AL.ALLOY		ROYAL GREENWICH OBSERVATORY		TITLE COVER - WYFFOS RELAY MIRROR			
1	18/01/95	AJW	X.X \pm 0.1	FINISH	No. REQ'D	MADINGLEY ROAD					
ISSUE	DATE	DRAWN	X.XX \pm	BLK.ANODISE	2 OFF	CAMBRIDGE CB3 0EZ		DRG NO.	BL/568	SHT. 1	LOC'N BL
			ANG. \pm								

DRG NO.
BL/977

DO NOT SCALE

REMOVE ALL SHARP EDGES

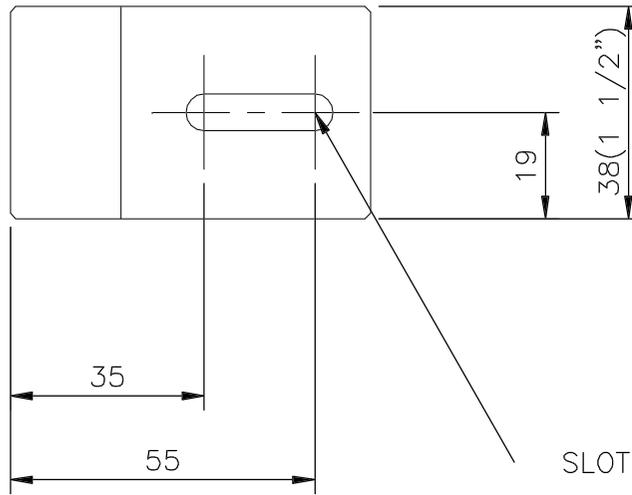
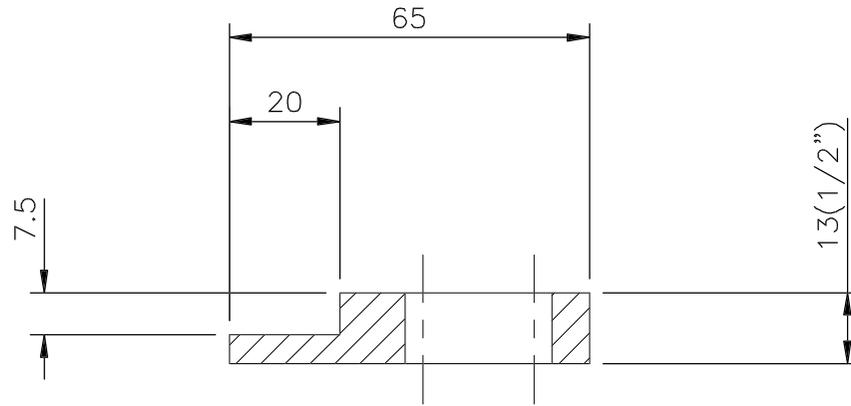


			TOLERANCES (UNLESS OTHERWISE STATED)	MATERIAL	THIRD ANGLE PROJECTION	DIMS IN mm	ORIGINAL SCALE 1:1	ORIGINAL SHEET SIZE A3	G.A. NO. BL/950
			X ± 0.3	AL.ALLOY				ROYAL GREENWICH OBSERVATORY TITLE WYFFOS COVER - CABLE GLAND	
1	06/02/95	AJW	X.X ± 0.1	FINISH	No. REQ'D	MADINGLEY ROAD		CCD CONTROLLER CABLE FEED-THRU.	
ISSUE	DATE	DRAWN	ANG. ±	BLK. ANODISE	1 OFF	CAMBRIDGE CB3 0EZ		DRG NO. BL/977	SHT. 1 LOC'N BL

DRG NO.
BL/978

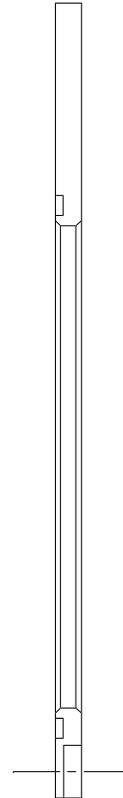
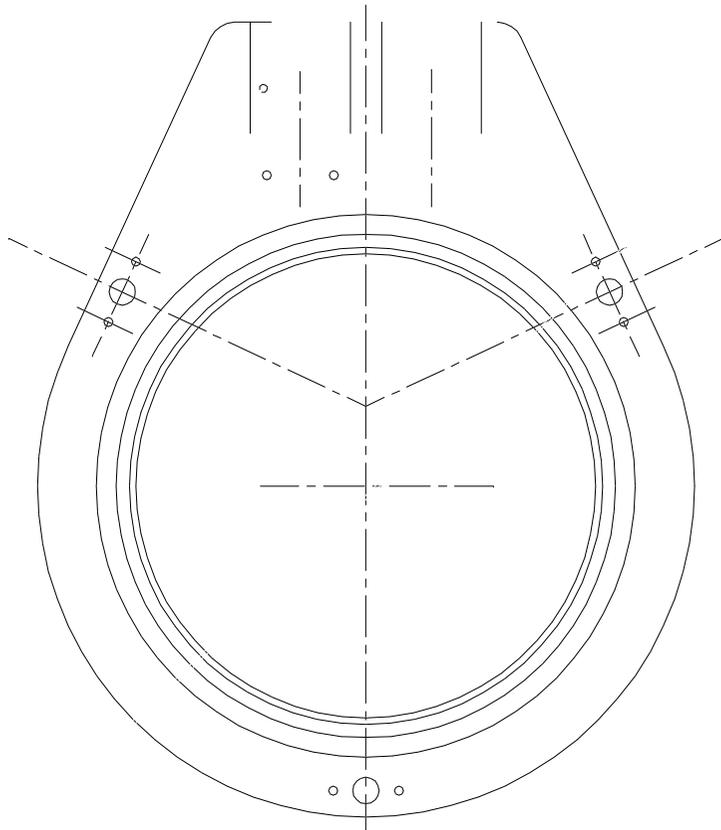
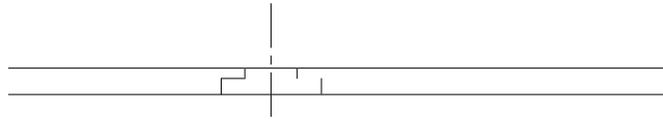
DO NOT SCALE

REMOVE ALL SHARP EDGES



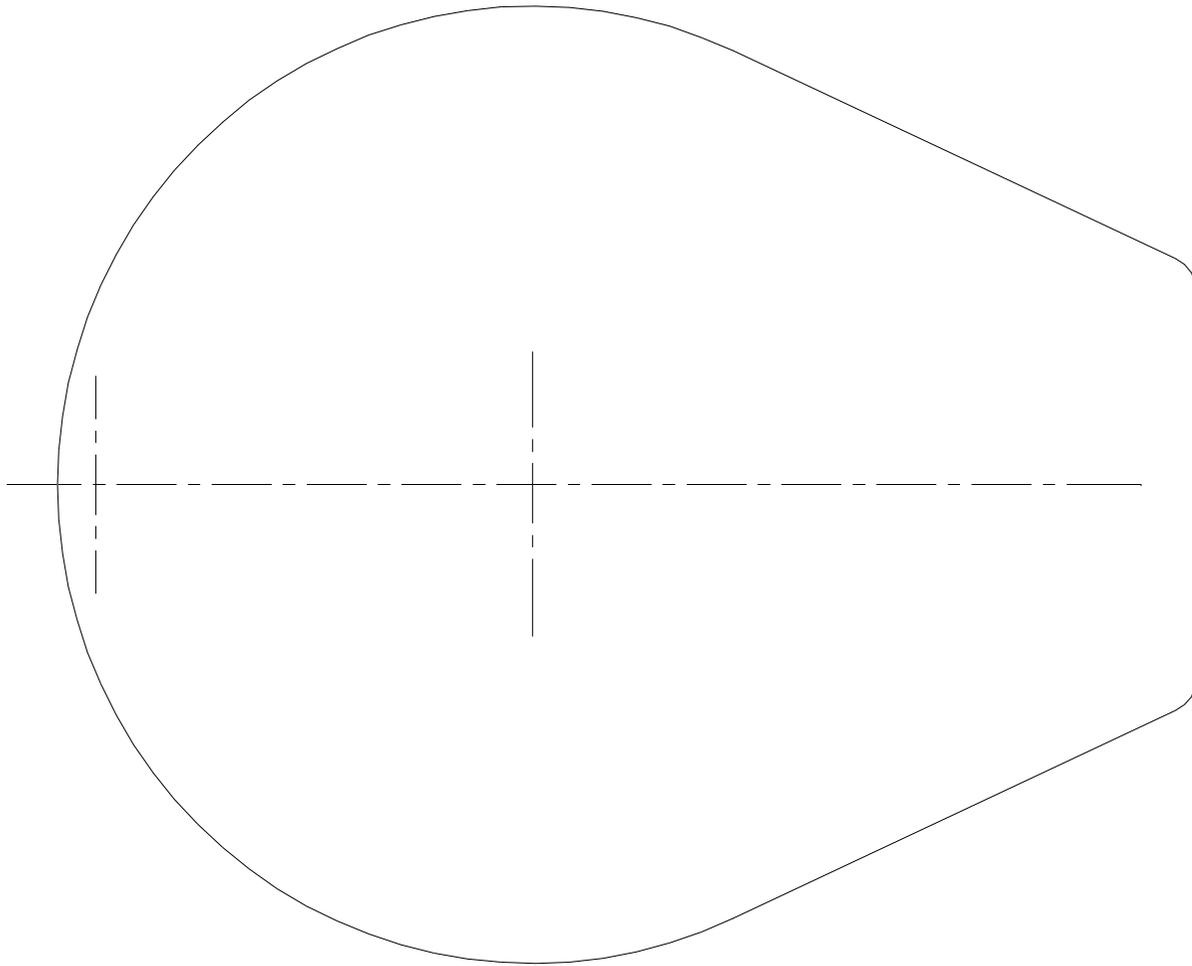
SLOT ϕ 6.6 CUTTER

			TOLERANCES (UNLESS OTHERWISE STATED)	MATERIAL	THIRD ANGLE PROJECTION	DIMS IN mm	ORIGINAL SCALE 1:1	ORIGINAL SHEET SIZE A3	G.A. NO.	BL/950
			X \pm 0.3	AL.ALLOY		ROYAL GREENWICH OBSERVATORY	TITLE	WYFFOS COVER - HOLD DOWN CLAMP		
1	10/02/95	AJW	X.X \pm 0.1	FINISH	No. REQ'D	MADINGLEY ROAD				
ISSUE	DATE	DRAWN	X.XX \pm 0.1	BLK. ANODISE	12 OFF	CAMBRIDGE CB3 0EZ	DRG NO.	BL/978	SHT.	1
			ANG. \pm						LOC'N	BL



								TOLERANCES (UNLESS OTHERWISE STATED)	MATERIAL	THIRD ANGLE PROJECTION	DIMS IN mm	ORIGINAL SCALE	ORIGINAL SHEET SIZE A1		G.A. NO.	LOC'N.		
								X ±						ROYAL GREENWICH OBSERVATORY		TITLE	DRG NO.	SHT.
								X.X ±	FINISH	NO. REQ'D PER ASS'Y				SEALING FLANGE - CRYOSTAT				
ISSUE	MOD. NO.	DATE	DRAWN BY	ISSUE	MOD. NO.	DATE	DRAWN BY	ANG. ±					WYFFOS C6					
				1		10/02/95	AJW						CAMBRIDGE CB3 0E7					

DO NOT SCALE



ORIGINAL SCALE

ROYAL GREENWICH OBSERVATORY
MADINGLEY ROAD
CAMBRIDGE CB3 0EZ

IS

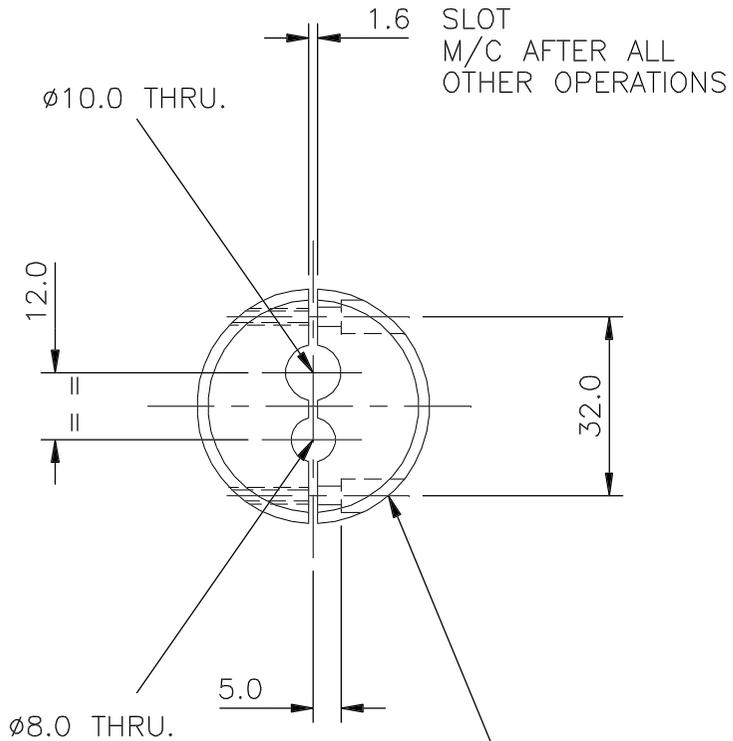
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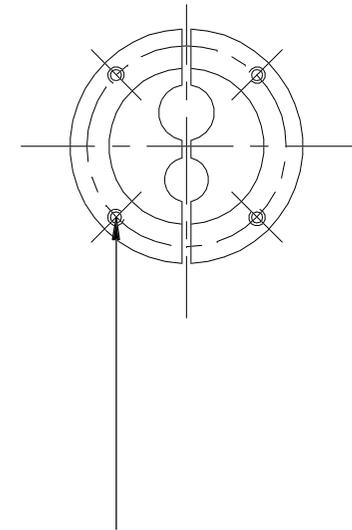
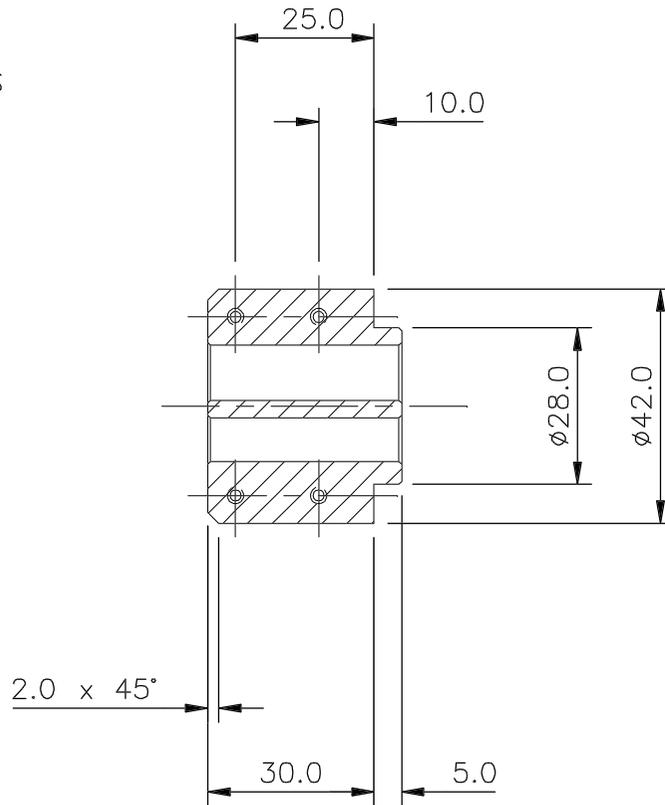
DRG NO.
BL/981

DO NOT SCALE

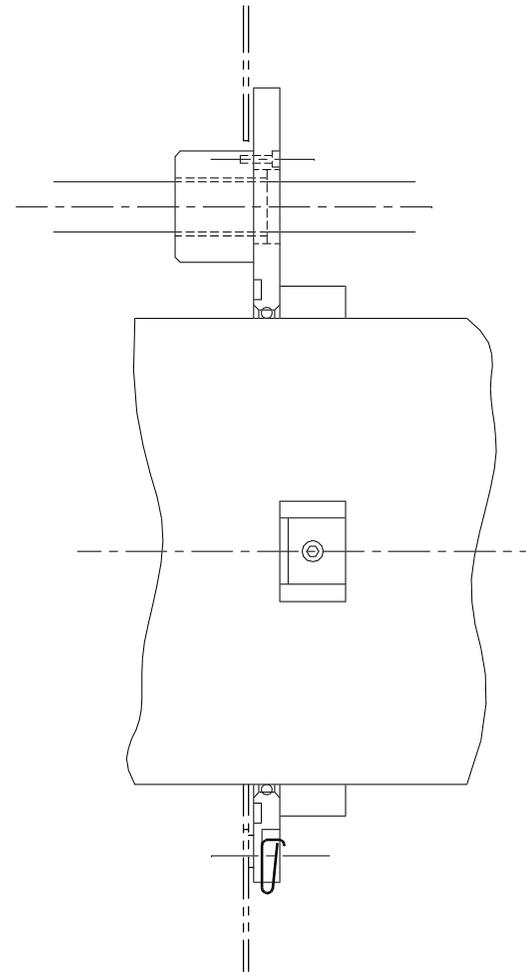
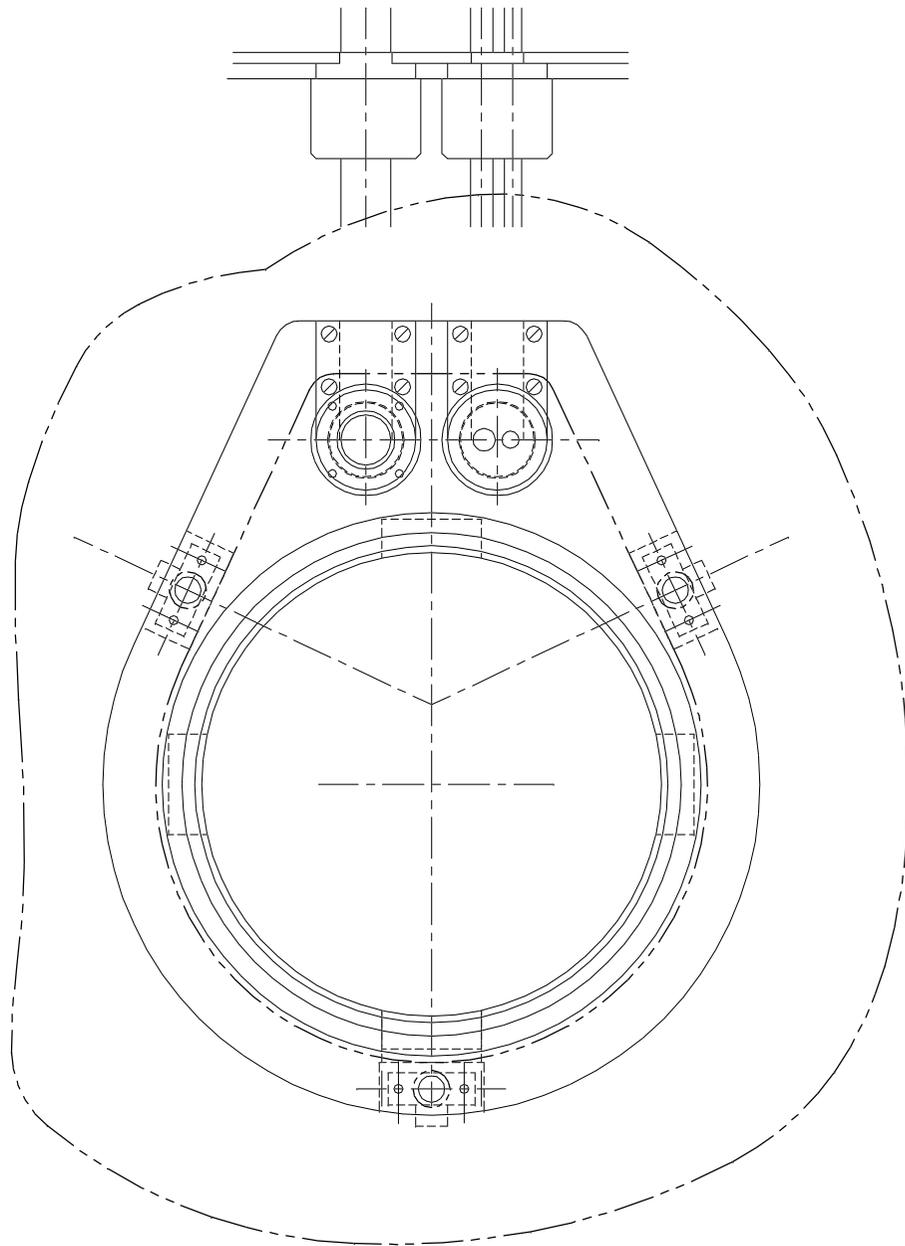
REMOVE ALL SHARP EDGES



2 HOLES TAP M3
CLEARANCE Ø3.4 TO SLOT
C/BORE Ø 6.0 AS SHOWN



			TOLERANCES (UNLESS OTHERWISE STATED)	MATERIAL	THIRD ANGLE PROJECTION	DIMS IN mm	ORIGINAL SCALE 1:1	ORIGINAL SHEET SIZE A3	G.A. NO. BL/950
			X ± 0.3	AL.ALLOY		ROYAL GREENWICH OBSERVATORY		WYFFOS COVER - CABLE GLAND	
1	13/02/95	AJW	X.X ± 0.1	FINISH	No. REQ'D	MADINGLEY ROAD		CCD HEATER AND PRE-FLASH CABLE	
ISSUE	DATE	DRAWN	ANG. ±	BLK. ANODISE	1 OFF	CAMBRIDGE CB3 0EZ		DRG NO. BL/981	SHT. 1 LOC'N BL



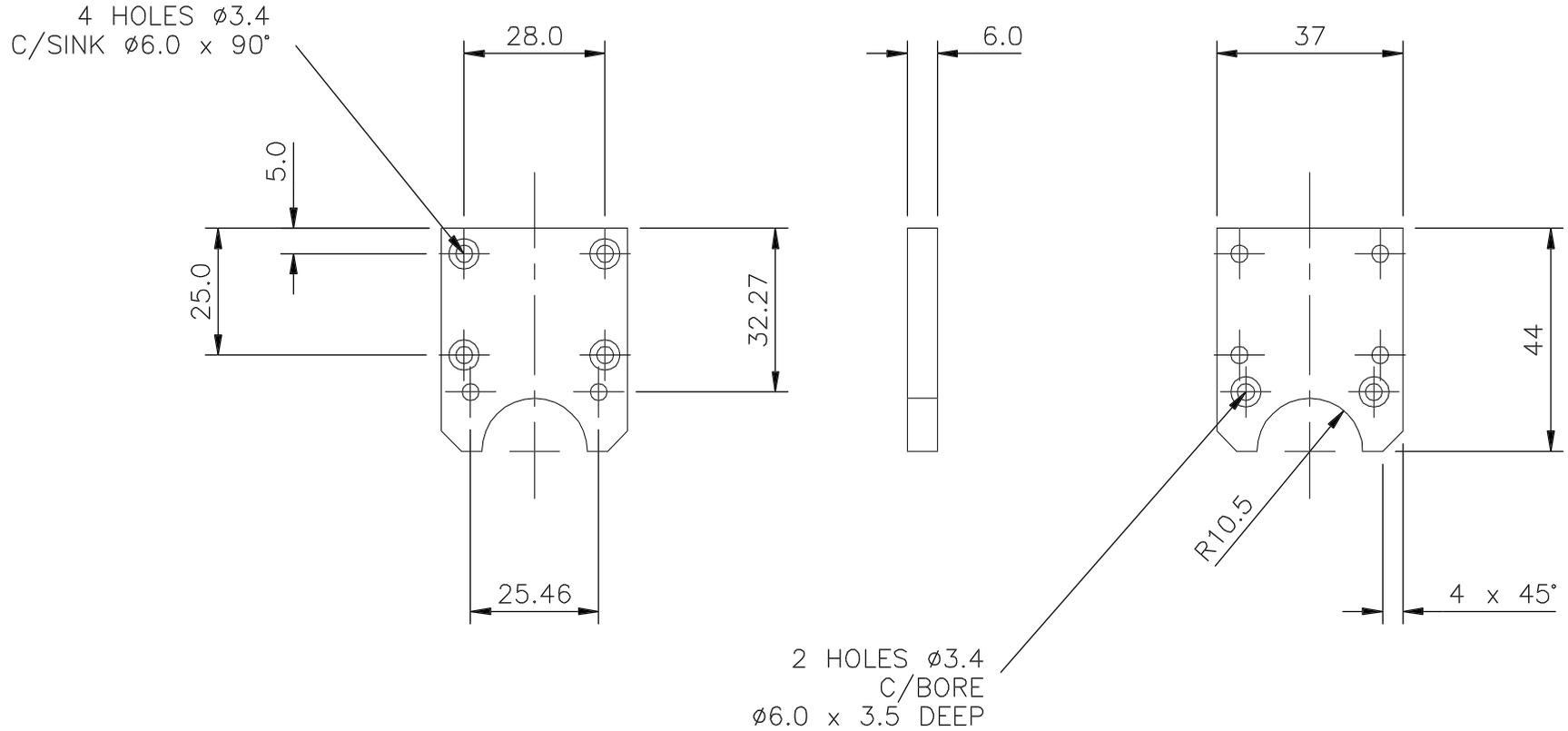
25 x 25 x 3 AL. ANGLE 25 LONG

								TOLERANCES (UNLESS OTHERWISE STATED)	MATERIAL	THIRD ANGLE PROJECTION	DIMS IN mm	ORIGINAL SCALE 1:1	ORIGINAL SHEET SIZE A1	G.A. NO.	BL/950	LOC'N. BL		
								X ±							DRG NO.		SHT. 1	
								X.X ±	FINISH					SEALING FLANGE ARRANGEMENT		BL/982		
								X.XX ±						CRYOSTAT - WYFFOS COVER				
								ANG. ±										
ISSUE	MOD. NO.	DATE	DRAWN BY	ISSUE	MOD. NO.	DATE	DRAWN BY											
				1		14/02/95	AJW											
										NO. REQ'D PER ASS'Y	ROYAL GREENWICH OBSERVATORY							
										1 COMPLETE ASSY	MADINGLEY ROAD							
											CAMBRIDGE	CB3 0EZ						

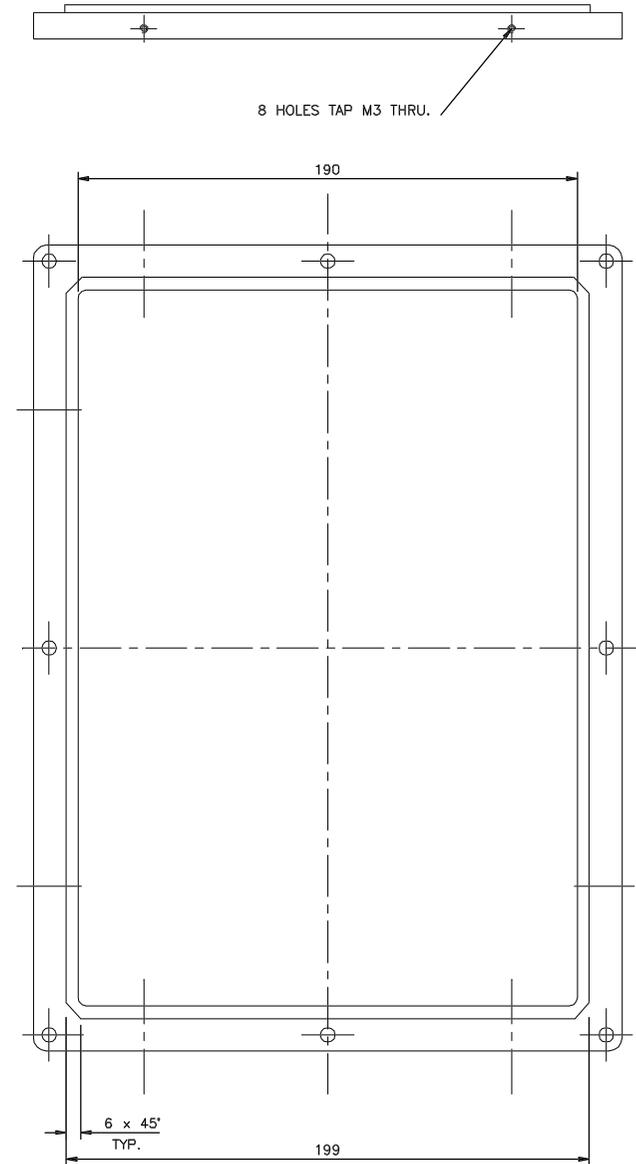
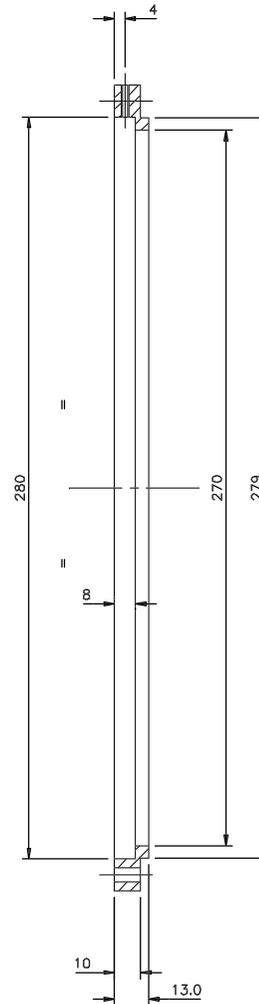
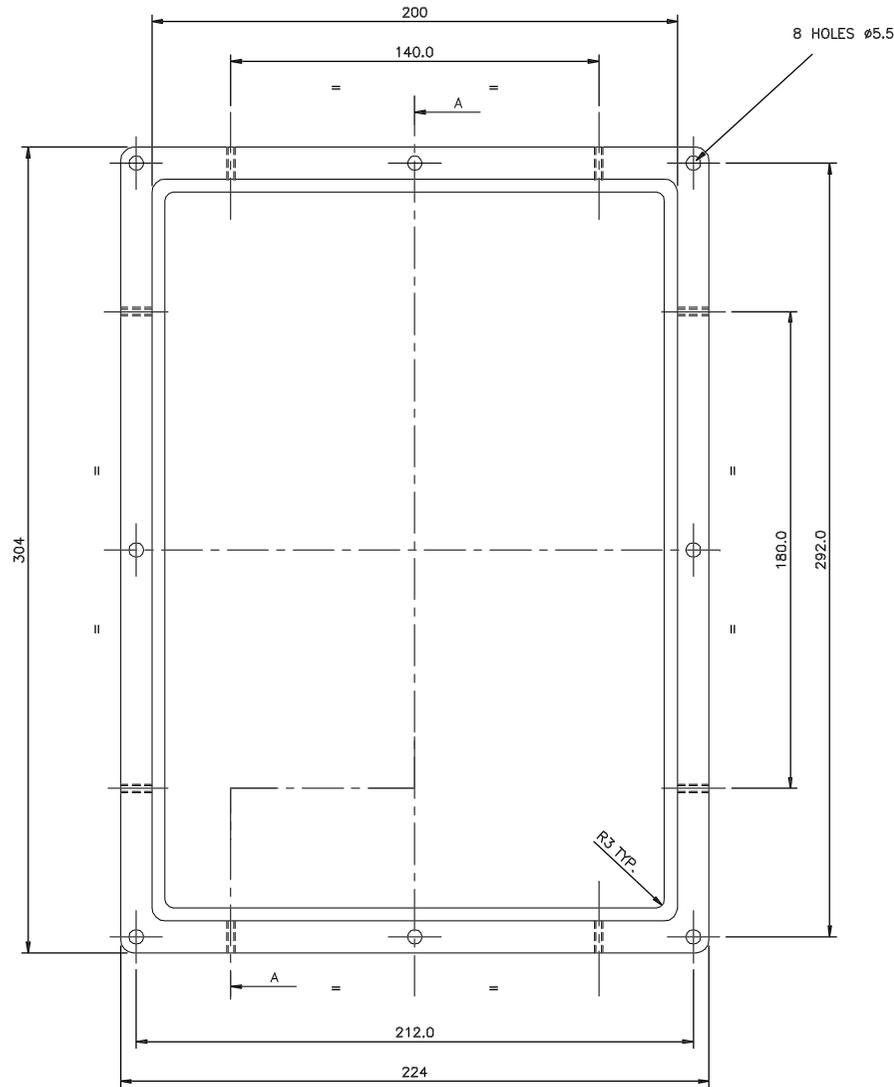
DRG NO.
BL/983

DO NOT SCALE

REMOVE ALL SHARP EDGES

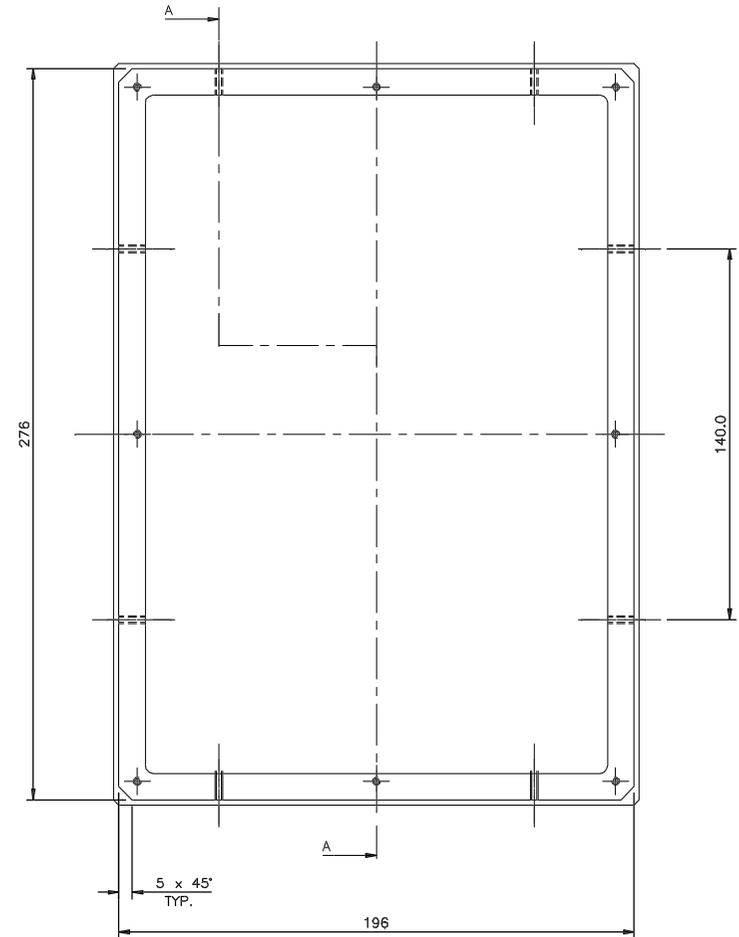
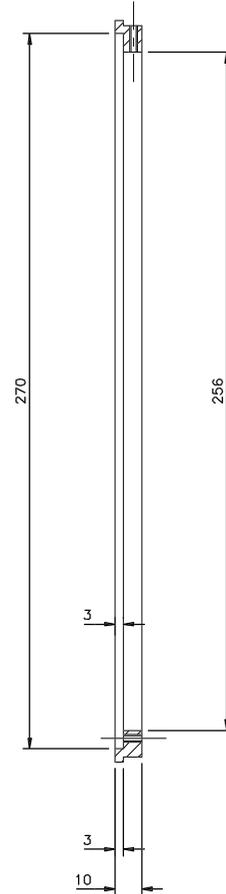
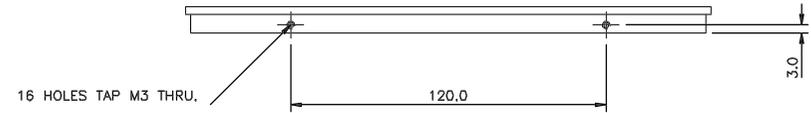
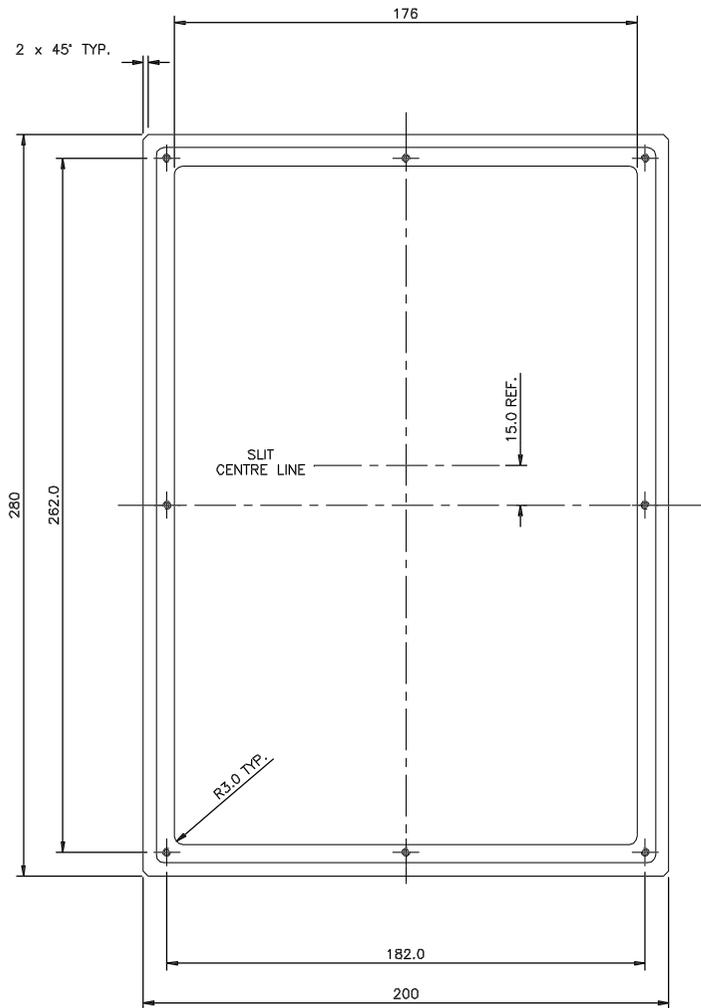


			TOLERANCES (UNLESS OTHERWISE STATED)	MATERIAL	THIRD ANGLE PROJECTION	DIMS IN mm	ORIGINAL SCALE 1:1	ORIGINAL SHEET SIZE A3	G.A. NO. BL/950
			X ± 0.3	AL.ALLOY		ROYAL GREENWICH OBSERVATORY	TITLE	GLAND PLATE - SEALING FLANGE	
1	15/02/95	AJW	X.X ± 0.1	FINISH	No. REQ'D	MADINGLEY ROAD		CRYOSTAT - WYFFOS COVER	
ISSUE	DATE	DRAWN	X.XX ± 0.1	BLK. ANODISE	2 OFF	CAMBRIDGE CB3 0EZ	DRG NO. BL/983	SHT. 1	LOC'N BL
			ANG. \pm						



SECTION A-A

								TOLERANCES (UNLESS OTHERWISE STATED)	MATERIAL	THIRD ANGLE PROJECTION	DIMS IN mm	ORIGINAL SCALE	ORIGINAL SHEET SIZE A1		G.A. NO.	BL/950	LOC'N. BL	
								X ± 0.5	AL ALLOY		ROYAL GREENWICH OBSERVATORY	1:1	FLANGE - FIBRE ENTRY PORT		DRG NO.		SHT.	1
								X.X ± 0.1	FINISH	NO. REQ'D PER ASS'Y	MADINGLEY ROAD		WYFFOS COVER		BL/984			
ISSUE	MOD. NO.	DATE	DRAWN BY	ISSUE	MOD. NO.	DATE	DRAWN BY	PAINT TO SPEC.	1 OFF	CAMBRIDGE	CB3 0EZ							

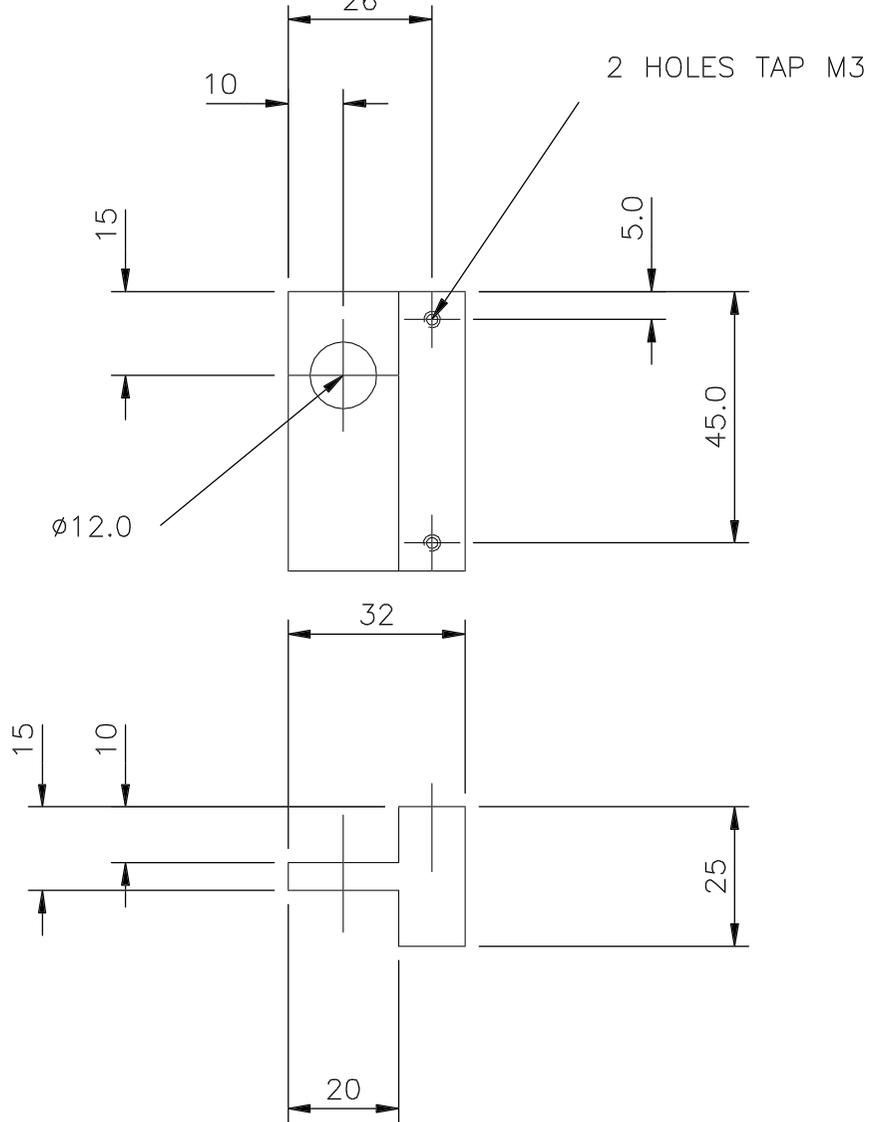
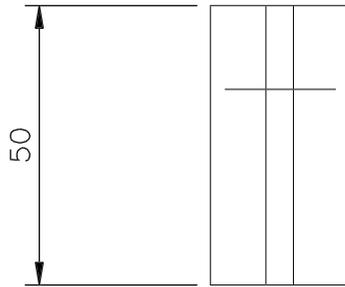


SECTION A-A

								TOLERANCES (UNLESS OTHERWISE STATED)	MATERIAL	THIRD ANGLE PROJECTION	DIMS IN mm	ORIGINAL SCALE 1:1	ORIGINAL SHEET SIZE A1		G.A. NO.	BL/950	LOC'N. BL	
								± 0.3	AL-ALLOY					ROYAL GREENWICH OBSERVATORY		DRG NO.		SHT. 1
								± 0.1	FINISH				MADINGLEY ROAD		BL/985			
ISSUE	MOD. NO.	DATE	DRAWN BY	ISSUE	MOD. NO.	DATE	DRAWN BY	PAINT TO SPEC	NO. REQ'D PER ASS'Y				CAMBRIDGE CB3 0EZ					
				1		15/02/95	AJW		1 OFF				FLANGE - FIBRE ENTRY PORT					
													WYFFOS COVER					

DRG NO.
BL/976

DO NOT SCALE
REMOVE ALL SHARP EDGES

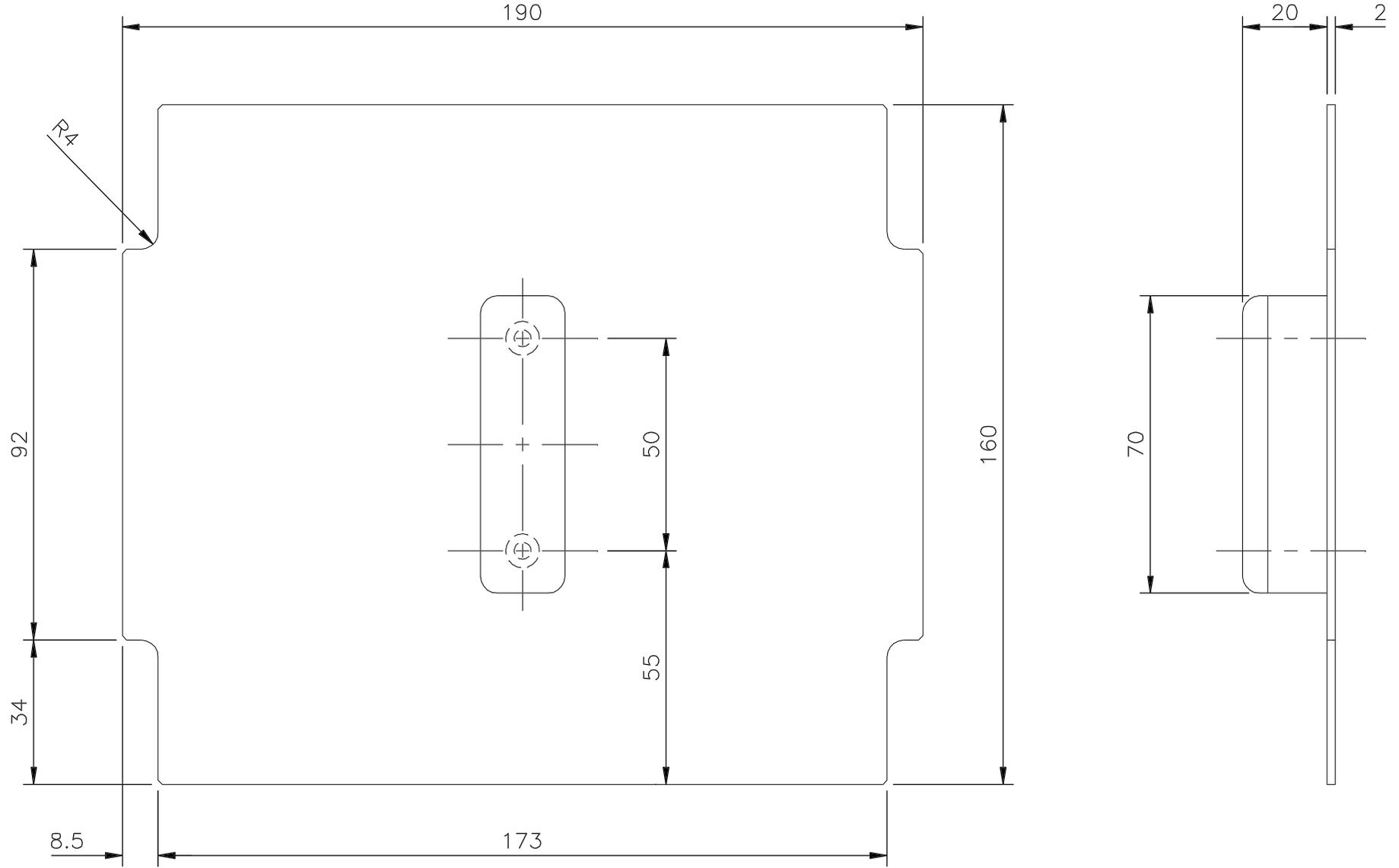


NOTE
TO SUIT HONEYWELL SWITCH
TYPE SPDT - RS No.319-916

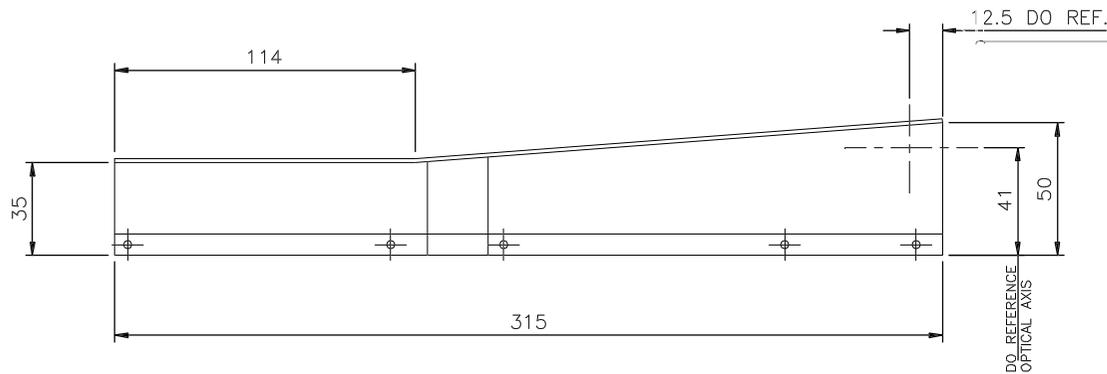
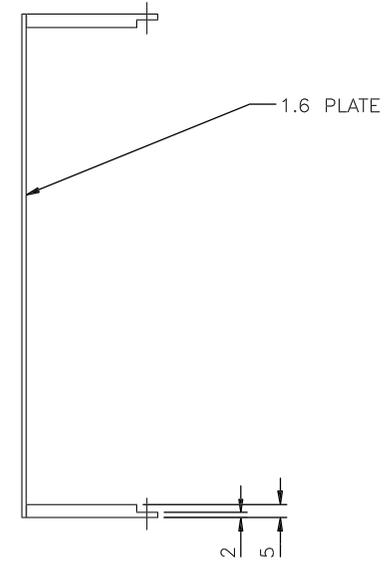
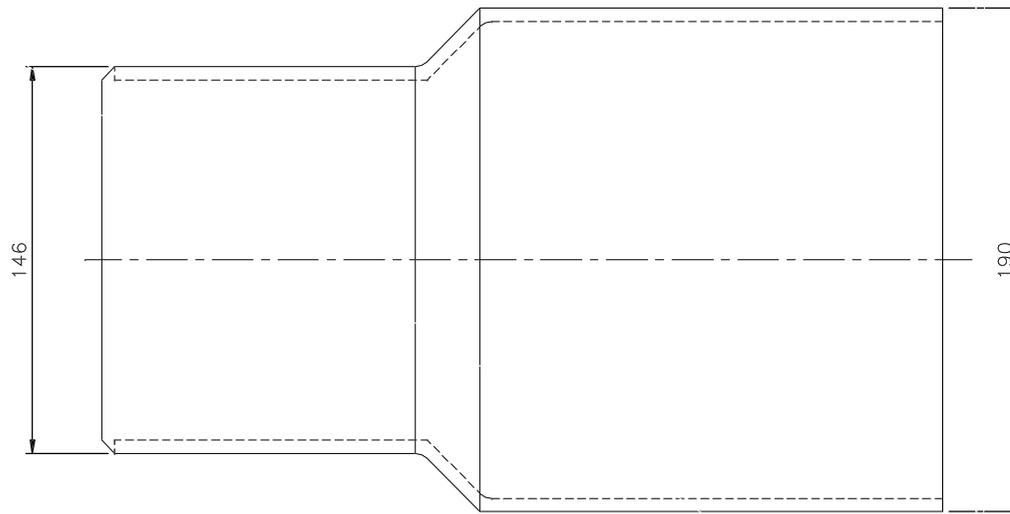
			TOLERANCES (UNLESS OTHERWISE STATED)	MATERIAL	THIRD ANGLE PROJECTION	DIMS IN mm	ORIGINAL SCALE 1:1	ORIGINAL SHEET SIZE A3	G.A. NO.	BL/950
			X ± 0.3	AL.ALLOY		ROYAL GREENWICH OBSERVATORY	TITLE	4.2 WYFFOS COVER		
1	22/12/94	AJW	X.X ± 0.1	FINISH	No. REQ'D	MADINGLEY ROAD	SWITCH BLOCK			
ISSUE	DATE	DRAWN	X.XX ±	BLACK	12 OFF	CAMBRIDGE CB3 0EZ	DRG NO.	BL/976	SHT.	1
			ANG. ±						LOC'N	BL

DRG NO.
BL/523

DO NOT SCALE



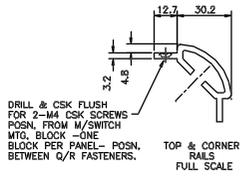
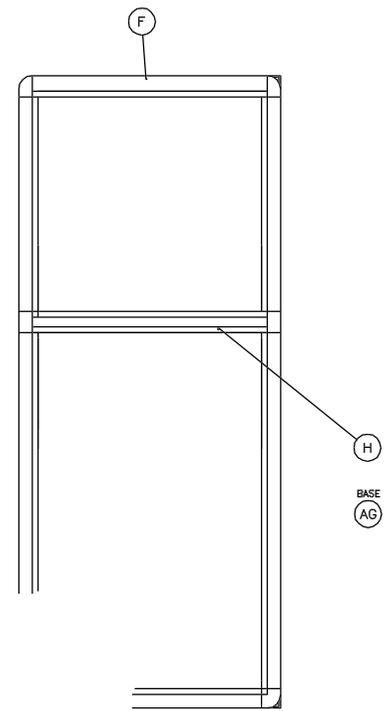
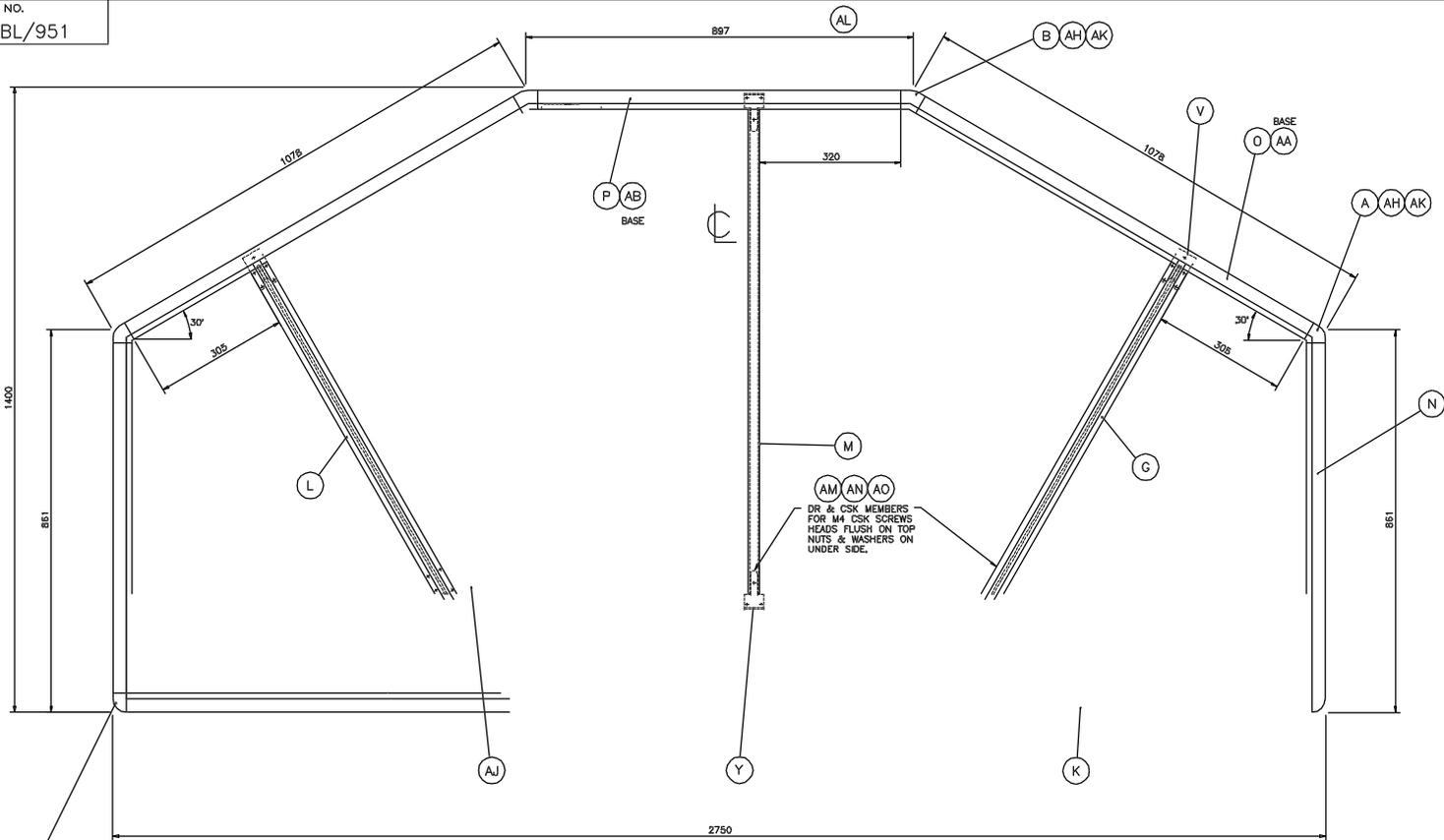
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			X ±	PVC/NYLON		ROYAL GREENWICH OBSERVATORY	TITLE	GRISM CELL COVER		
1	22/03/95	AJW	X.X ±	FINISH	No. REQ'D	MADINGLEY ROAD		WYFFOS GRATING ASSEMBLY		
ISSUE	DATE	DRAWN	X.XX ±		1 OFF	CAMBRIDGE CB3 0EZ	DRG NO.	BL/523	SHT.	1
			ANG. ±						LOC'N	BL



NOTE
INTERNAL DIMENSIONS TO SUIT
SLIT FACET PLATE SEE DRG. W/BL/201
CUT OUTS REQUIRED TO CLEAR ADJUSTING
SCREWS, ETC.

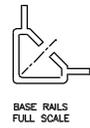
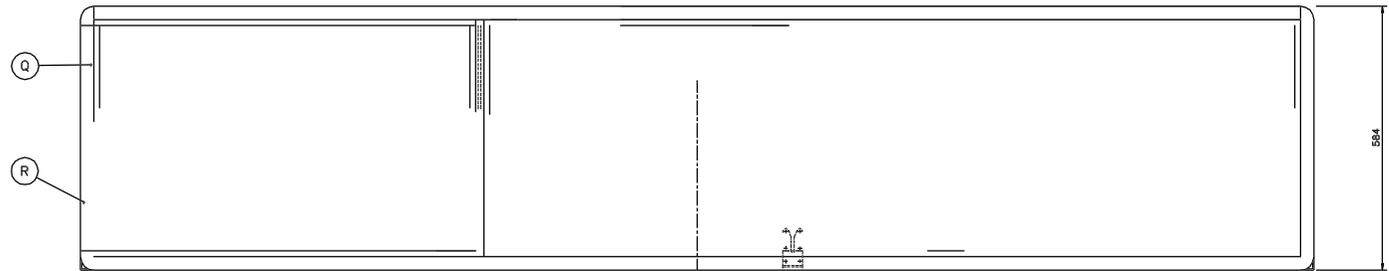
								TOLERANCES (UNLESS OTHERWISE STATED)	MATERIAL	THIRD ANGLE PROJECTION	DIMS IN mm	ORIGINAL SCALE	1:1	ORIGINAL SHEET SIZE A1		G.A. NO.	V/BL/200	LOC'N.	BL	
								X ±	AL.ALLOY		ROYAL GREENWICH OBSERVATORY	TITLE		4.2M WYFFOS SLIT UNIT - FIBRE COVER		DRG NO.			SHT.	1
ISSUE	MOD. NO.	DATE	DRAWN BY	ISSUE	MOD. NO.	DATE	DRAWN BY	FINISH	NO. REQ'D PER ASS'Y	CAMBRIDGE	CB3	OEZ			BL/285					
				1		04/10/96	AJW	BLK.ANODISE	1	OFF										

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 /950 D	1		GENERAL ASSEMBLY						
V / BL /951 D	1	1	FRAME ASSY.	1					
V / BL /952 D	1	2	TOP PANEL	1					
/ /953		3	" "	1					
/ /954		4	" "	1					
/ /955		5	" "	1					
/ /956		6	" "	1					
/ /957		7	SIDE PANEL	1					
/ /958		8	" "	1					
/ /959		9	" "	2					
/ /960		10	" "	1					
/ /961		11	" "	1					
/ /962		12	" "	1					
/ /963		13	" "	1					
/ /964		14	" "	1					
/ /965		15	ACCESS DOOR	1					
/ /									
/ /									
/ /									
/ /									
/ /									
/ /									
W / BL /973 A	1	23	SEALING RING	1					
/ /974		24	BLANKING PLATE	1					
W / BL /975 C	1	25	BASE CLAMP	6					
/ /976		26	SWITCH PLATE	15					
/ /977		27	CONN. PLATE	2					
/ /978		28	CONN. PLATE	2					
/ /979		29	CONN. PLATE	4					
/ /980		30	CONN. PLATE	2					
/ /981		31	SUPPORT PLATE	1					
/ /982		32	SUPPORT PLATE	1					
/ /983		33	STUD PLATE	2					
/ /977		34	CONN. PLATE	2					
/ /									
/ /									
/ /									
JOB TITLE	WYFFOS-COVER ASSEMBLY.					ASS'Y DRG No.	SHEET No.	DRAWN BY PROMECH	
	ROYAL GREENWICH OBSERVATORY, MADINGLEY ROAD, CAMBRIDGE					V/BL/950 ISS D	SHT10F2	DATE 8/7/93	



DRILL & CSK FLUSH FOR 2-M4 CSK SCREWS POSN. FROM M/SWITCH MTO. BLOCK -ONE BLOCK PER PANEL- POSN. BETWEEN Q/R FASTENERS.
TOP & CORNER RAILS FULL SCALE

PART	DESCRIPTION	No.	OFF
A	60° EXT CORNER WIDNEY DORLEC	DLC555	4
B	30° EXT CORNER	DLC553	4
C	45° EXT CORNER	DLC554	4
F	30° EXT MEMBER DLM564 x 523,6		2
G	INT MEMBER DLM211 x 890		1
H	60° EXT MEMBER DLM566 x 523,6		2
L	INT MEMBER DLM211 x 890		1
M	CHAN. MEMBER DLM1157 x 1090		1
N	FRAME MEMBER DLM103 x 563,3		2
O	" " " " 1027,1		2
P	" " " " 855,4		1
Q	" " " " 286,6		2
U	" " " " " " " "		
V	CONNECTOR-SINGLE DLH352		2
W	SPECIAL CONNECTOR SEE DRG W/BL/979		
X	" " " " " " " "		2
Y	" " " " " " " "		
Z	" " " " " " " "		
AA	FRAME MEMBER DLM492 x 1027,1		2
AB	" " " " " " " "	855,4	1
AF	" " " " " " " "	2664,2	1
AG	" " " " " " " "	788	
AH	CORNER FIXING DB1		27
AK	DB3		12
AL	INSERT BOLT DB4		8
AM	CSK SCREW M4 x 12		50
AN	HEX NUT M4		50
AO	WASHER #4		50



ISSUE	MOD. NO.	DATE	DRAWN BY	ISSUE	MOD. NO.	DATE	DRAWN BY
				D		8/7/93	PROMECH

TOLERANCES (UNLESS OTHERWISE STATED)	MATERIAL	DIM IN MM	SCALE	TITLE
X.X +/-			1/4 FULL	ROYAL GREENWICH OBSERVATORY
X.XX +/-				WADINGLEY ROAD
ANG +/-				CAMBRIDGE CB3 0EZ

DRG NO.	NO REQ	USED ON	TITLE	SCALE	PROJECTION	ISS D
V/BL/951			DETAIL	1/4	THIRD ANGLE	ISS D

1 FRAME			
SEE DRG.	SCALE 1/4	TOLERANCES	
TO RGD SPEC	NO. REQ. FOR UNIT	M4 ±0.5	
V/BL/950 D	R.G.O. V/BL/951	ISS D	

DRG NO.	G.A. NO.	V/BL/950	ISS D
V/BL/951			

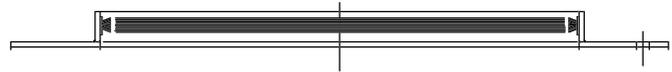
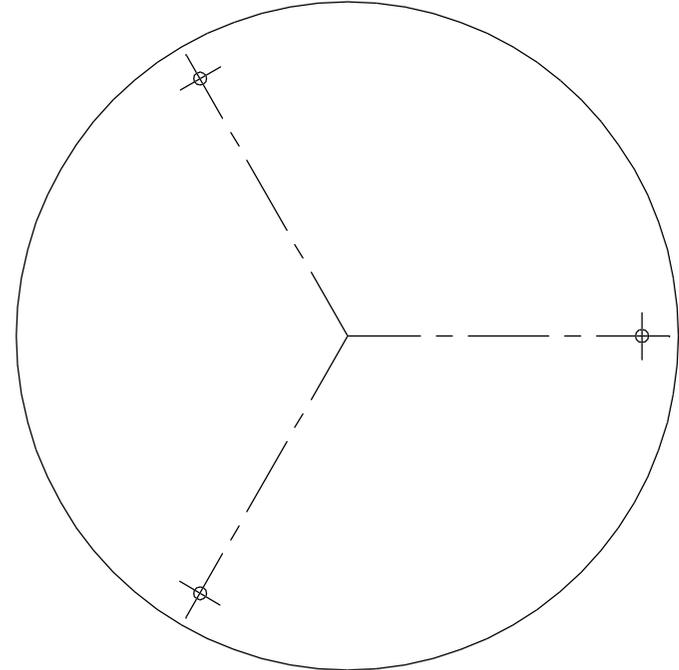
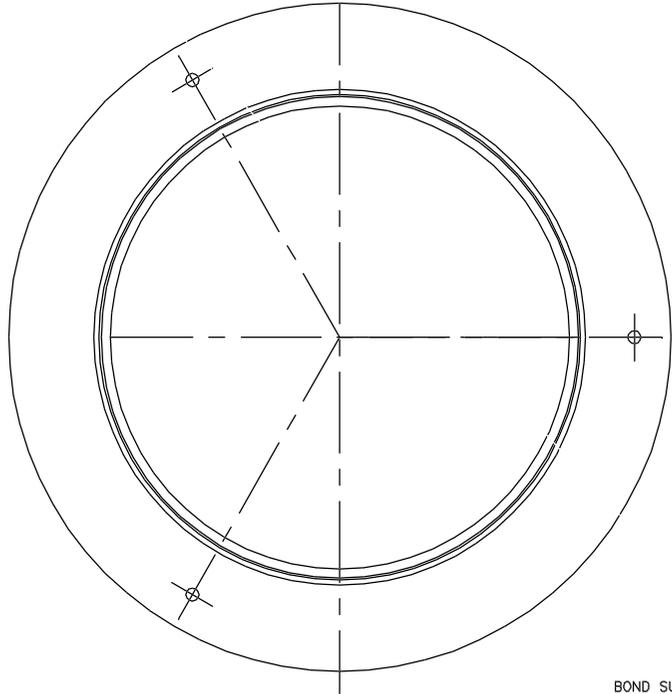
DIN IN MM SCALE TITLE
ROYAL GREENWICH OBSERVATORY
MADINGLEY ROAD
CAMBRIDGE CB3 0EZ

G.A. NO.

NO REQ

1/4

Drawing No.
W

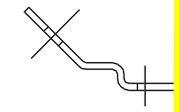


BOND SUPERSEAL BRU

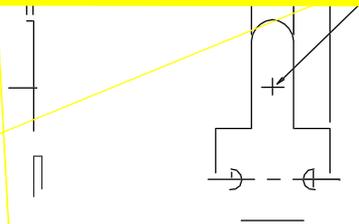
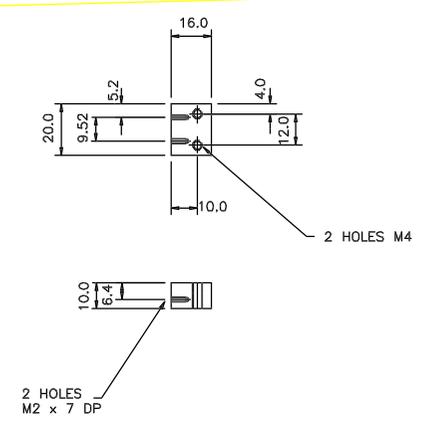
MATERIAL		SCALE	TOLERANCES
FINISH		No. FEEL PER UNIT	x, x,x x,xx
GA. No.	R.G.	DRAWING No.	

Issue				Date				Drawn by				Material				Dimns. In m.m.		Scale		THIRD ANGLE PROJECTION				GA No.	
Mod.No				Date				Drawn by				Finish				Drg.No.		No. Req.		ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD CAMBRIDGE CB3 0EZ				Drawing No.	
																Used on								W	

Drawing No.
W



25			BASE CLAMP		
MATERIAL	SCALE	TOLERANCES			
M.S.	FULL	x x,x x,xx	±0.5		
FINISH	No. RECD. PER UNIT				
MATT BLK	0				
G.A. No.	DRAWING No.				
V/BL/950	R.G.O. W/BL/975				



TITLE			SUPPORT PLT.		
MATERIAL	SCALE	TOLERANCES			
M.S.	FULL	x x,x x,xx	±0.5		
FINISH	No. RECD. PER UNIT				
MATT BLK	1				
G.A. No.	DRAWING No.				
V/BL/950	R.G.O. W/BL/981/2				

TITLE			PLT		
MATERIAL	SCALE	TOLERANCES			
M.S.	FULL	x x,x x,xx	±0.5		
FINISH	No. RECD. PER UNIT				
MATT BLK	15				
G.A. No.	DRAWING No.				
V/BL/950	R.G.O. W/BL/976				

26			TITLE			SWITCH BLOCK		
MATERIAL	SCALE	TOLERANCES						
ALUM ALLOY	FULL	x x,x x,xx	±0.5					
FINISH	No. RECD. PER UNIT							
MATT BLK	15							
G.A. No.	DRAWING No.							
V/BL/950	R.G.O. W/BL/976							

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

Dimns. in m.m. Sc
ROYAL GREENWICH
MADINGLEY ROAD
CAMBRIDGE CB3

THIRD ANGLE PROJECTION

DETAILS

GA No.
Drawing No. 983
W/BL/975