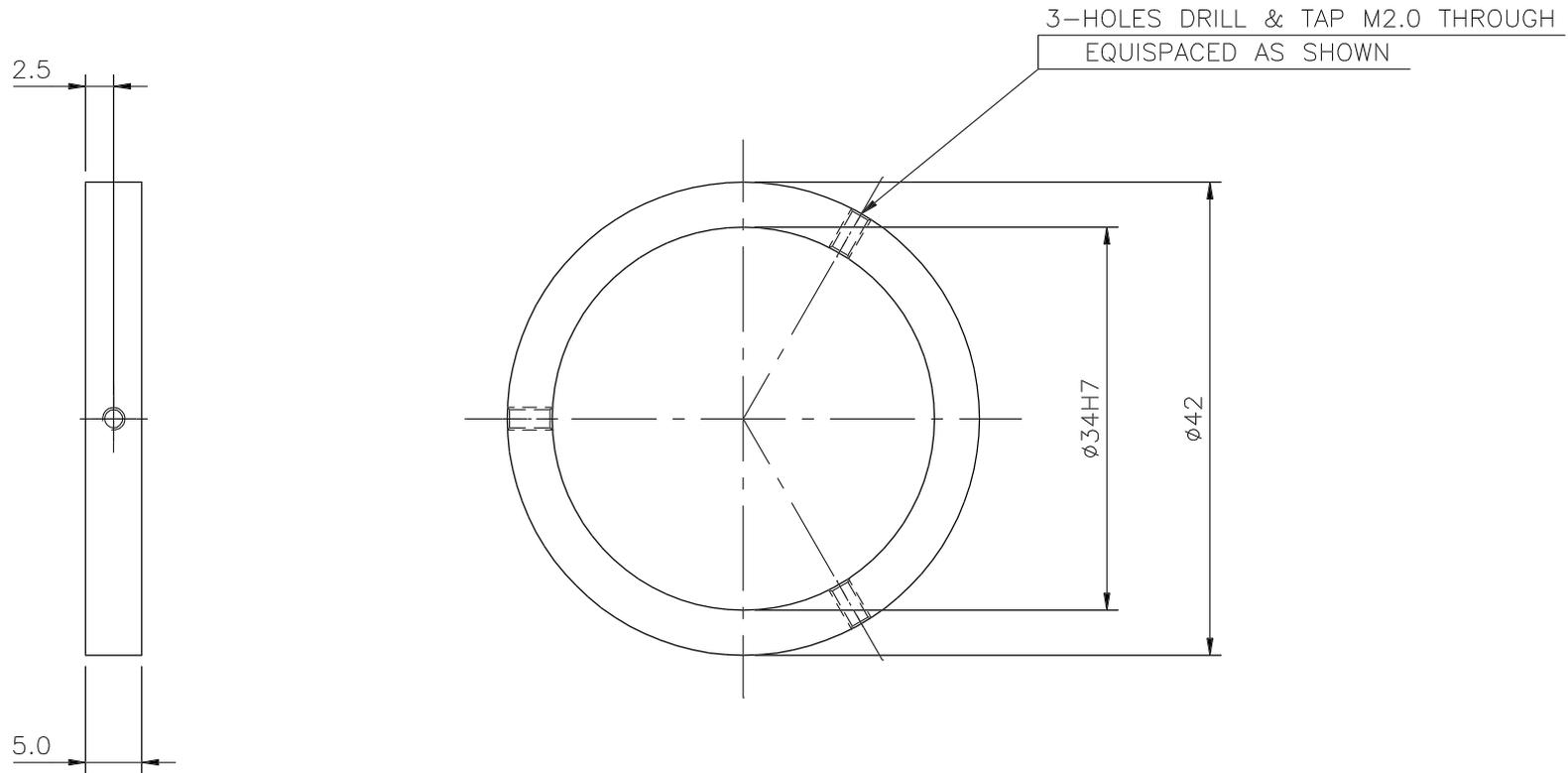
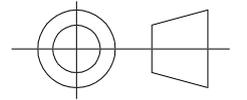


DO NOT SCALE

THIRD ANGLE PROJECTION



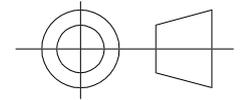
DRG. TITLE:		<b>FIBRE CONNECTOR -RETAINING RING</b>	
SCALES:		<b>2:1</b>	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DH1 3LE TEL. (091) 374 2107 & 2108
DRG. TYPE:		PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP
DRAWN BY:		G.D	
DATE		12/04/94	DRG. SIZE <b>A3</b>
		DRAWING No.	REV. <b>A</b>
		<b>AF2\WIF-08</b>	

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED			
IMPLIED TOLERANCES			
			X (OVER 100) ±0.20
			X (UP TO 100) ±0.1
			X.X ±0.10
			X.XX ±0.05
ISSUE	REVISION	DRN	DATE

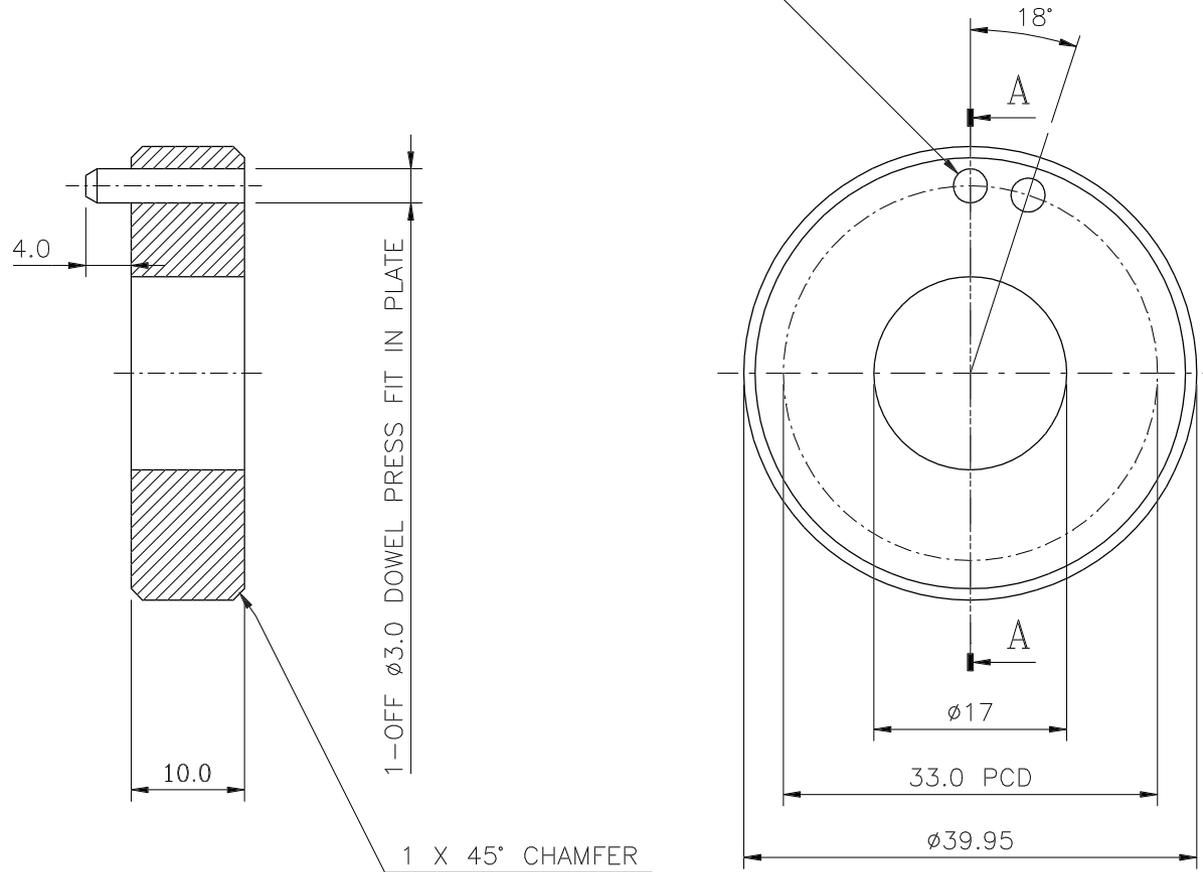
Material:  
**BRASS**  
Quantity: 1 OFF

DO NOT SCALE

THIRD ANGLE PROJECTION



2-HOLES DRILL & REAM  $\phi 3.0$  THROUGH

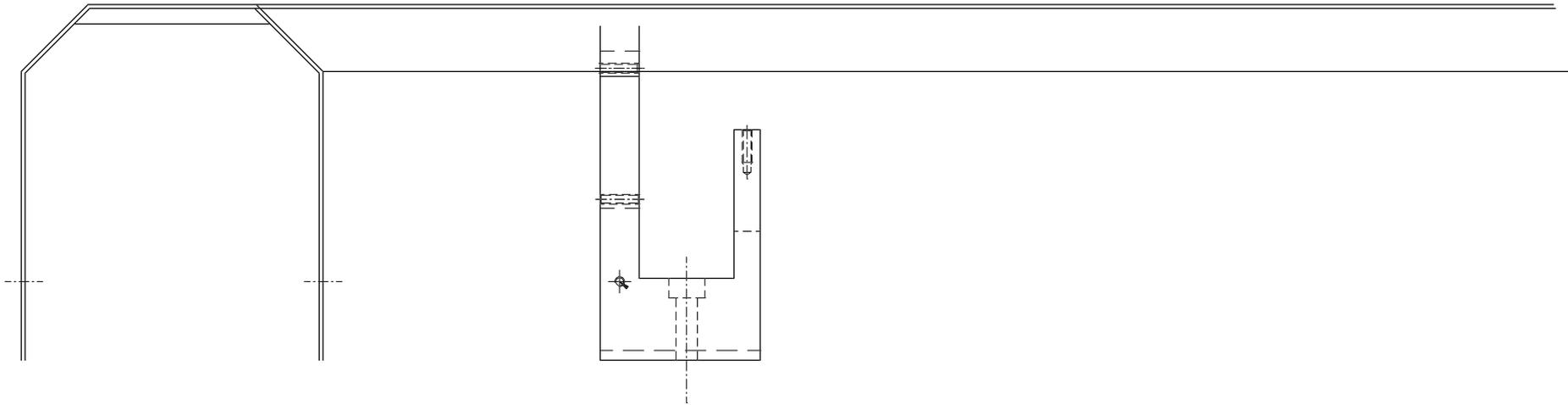
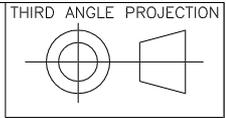


SECTION A-A

DRG. TITLE:		DRILLING JIG	
SCALES:		1:1	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DH1 3LE TEL. (091) 374 2107 & 2108
DRG. TYPE:		PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP
DRAWN BY:		G.D.	
DATE:		6/01/95	DRAWING No.
		AF2\WIF-25	REV. SIZE A3

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED			
IMPLIED TOLERANCES		Material:	
X (OVER 100) $\pm 0.20$		MILD STEEL	
X (UP TO 100) $\pm 0.1$		Quantity: 1 OFF	
X.X $\pm 0.10$			
X.XX $\pm 0.05$			
ISSUE	REVISION	DRN	DATE

DO NOT SCALE

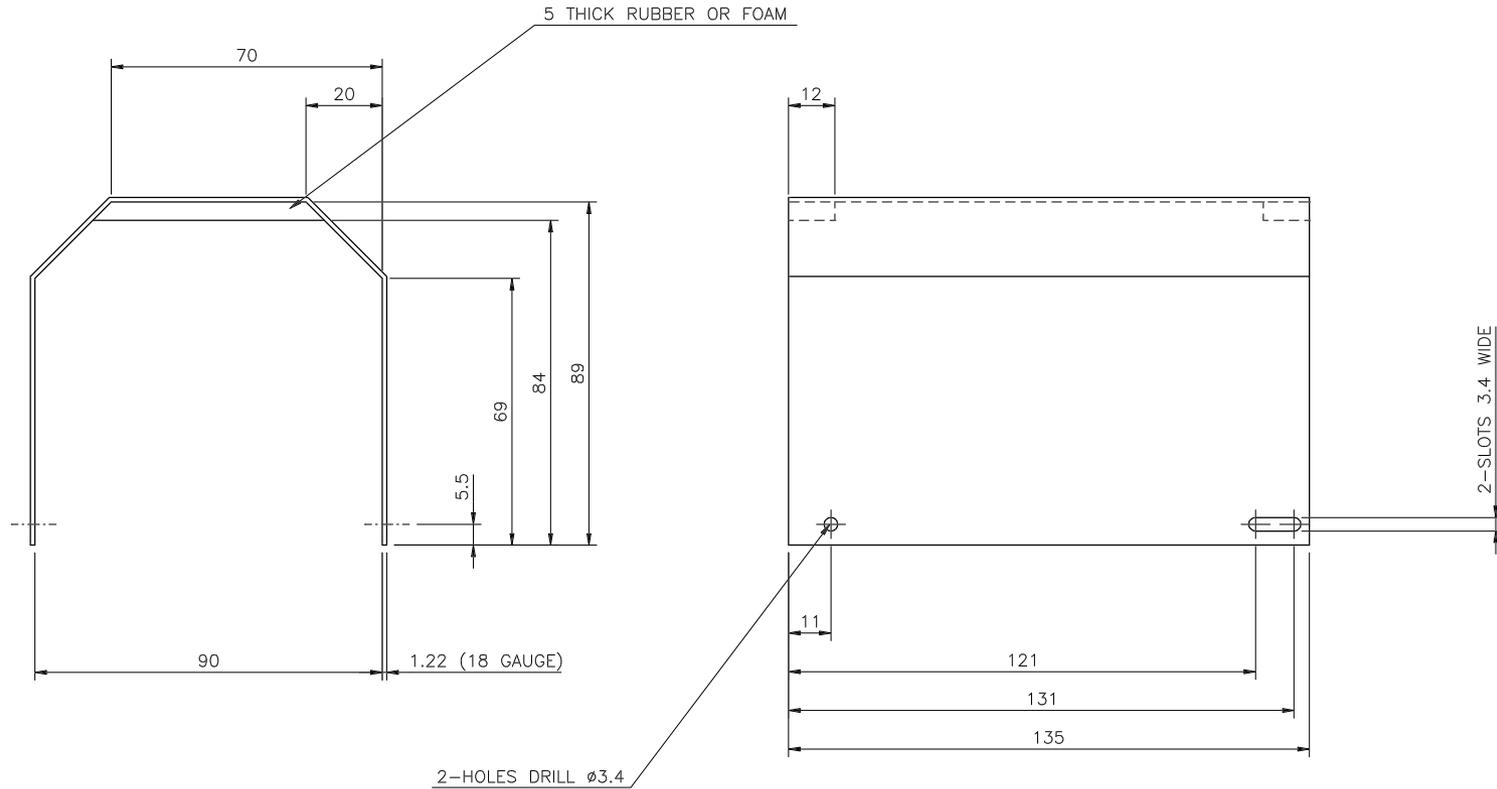
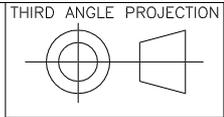


DRG. TITLE:		LENS MOUNTING BRKT - WESTINGHOUSE INTERFACE	
SCALES:	1:1	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DH1 3LE TEL. (091) 374 2107 & 2108	
DRG. TYPE:	PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP.	
DRAWN BY:	G.D	DRAWING No.	A2
DATE	17/03/94	AF2\WIF-02	REV. A

ISSUE	REVISION	DRN	DATE	ISSUE	REVISION	DRN	DATE

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED	
IMPLIED TOLERANCES	Material:
X (OVER 100) ±0.20	AL ALLOY
X (UP TO 100)±0.1	
X.X ±0.10	
X.XX ±0.05	
Quantity: 1 OFF	

DO NOT SCALE



DEVELOPED WIDTH 246.5

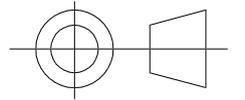
DRG. TITLE: <b>COVER FOR LENS UNIT - WESTINGHOUSE INTERFACE</b>	
SCALES: <b>1:1</b>	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DH1 1LE TEL. (091) 374 2107 & 2108
DRG. TYPE: PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP.
DRAWN BY: G.D	DRAWING No. <b>AF2\WIF-23</b>
DATE 26/09/94	REV. <b>A</b>

ISSUE	REVISION	DRN	DATE	ISSUE	REVISION	DRN	DATE

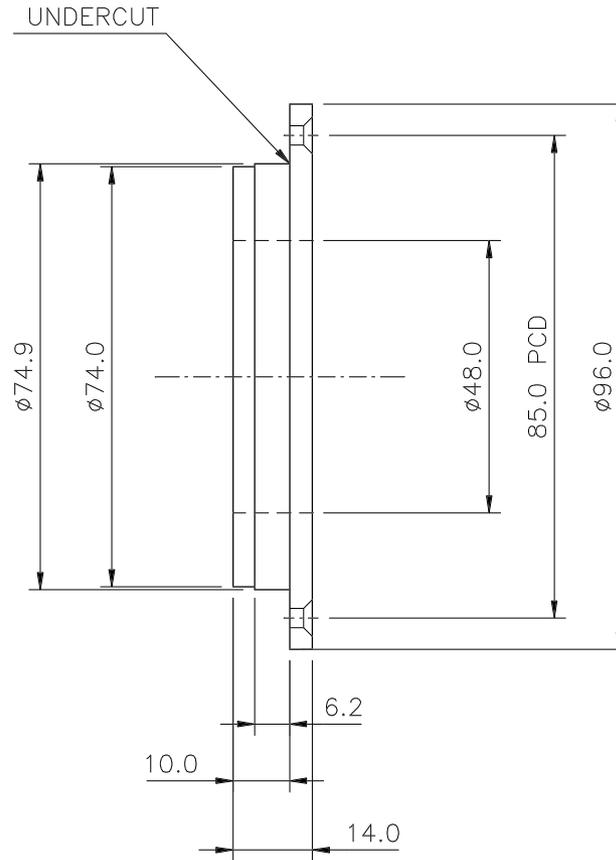
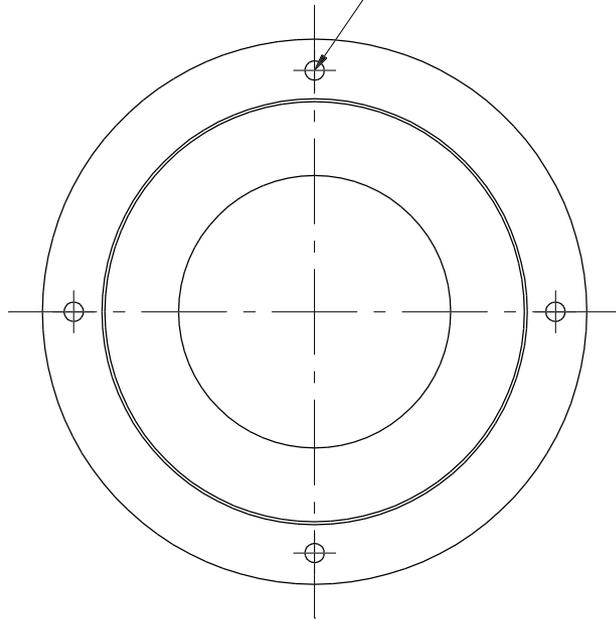
ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED	Material: <b>AL ALLOY</b> Quantity: 1 OFF
IMPLIED TOLERANCES	
X (OVER 100) $\pm 0.20$	
X (UP TO 100) $\pm 0.1$	
X.X $\pm 0.10$	
X.XX $\pm 0.05$	

DO NOT SCALE

THIRD ANGLE PROJECTION



4-HOLES EQUI-SPACED ON 85.0 PCD  
 DRILL  $\phi 3.2$  CSK OPP SIDE  $90^\circ$   
 X 1.7 DEEP

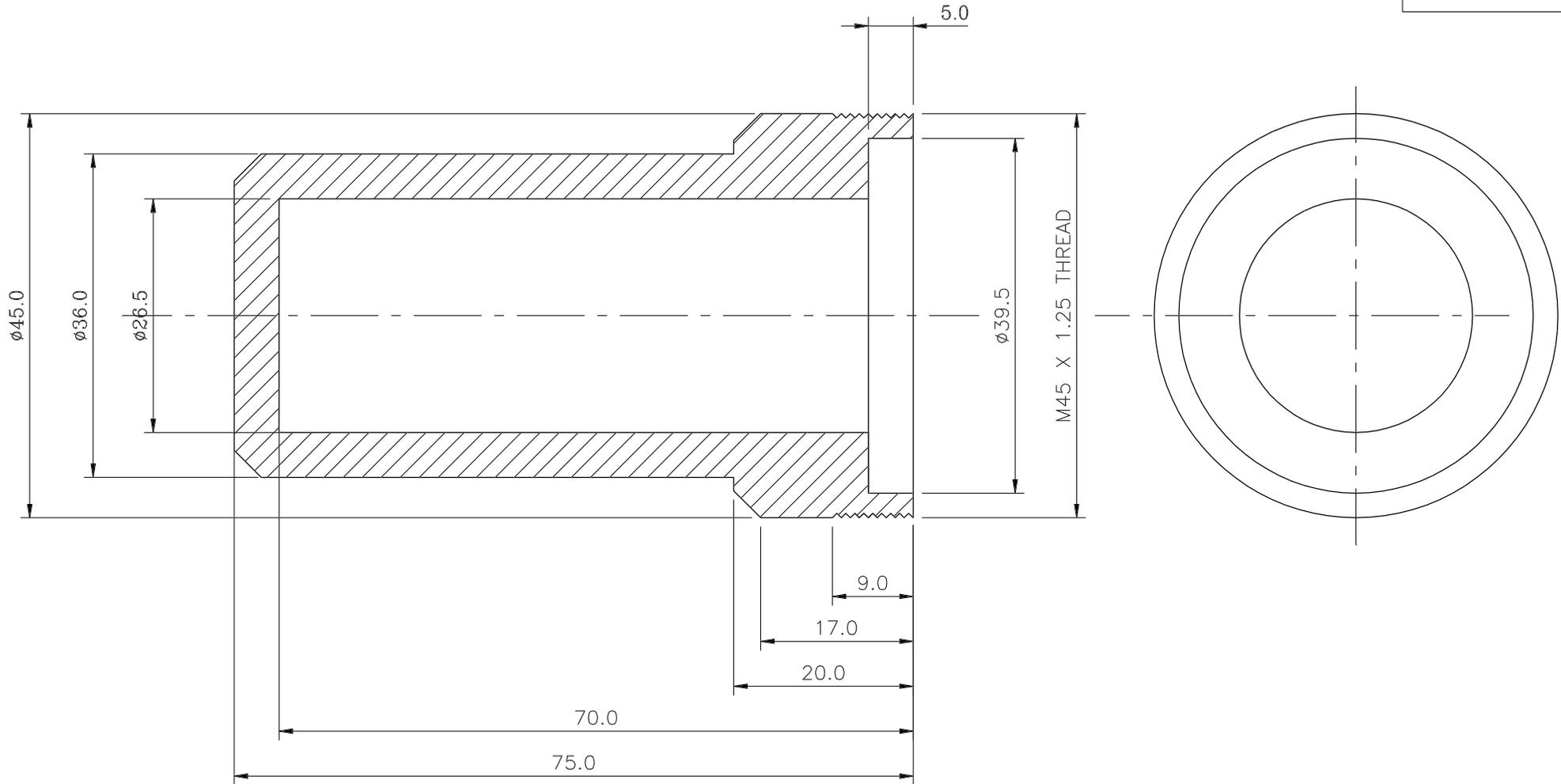
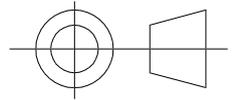


DRG. TITLE:		CAMERA BAFFLE	
SCALES:	1:1	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DH1 3LE TEL. (091) 374 2107 & 2108	
DRG. TYPE:	PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP	DRG. SIZE A3
DRAWN BY:	G.D		DRAWING No.
DATE	26/7/94	AF2\WIF-22	REV. A

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED			
IMPLIED TOLERANCES		Material:	
	X (OVER 100) $\pm 0.20$	TUFNOL	
	X (UP TO 100) $\pm 0.1$	Quantity: 1 OFF	
	X.X $\pm 0.10$		
	X.XX $\pm 0.05$		
ISSUE	REVISION	DRN	DATE

DO NOT SCALE

THIRD ANGLE PROJECTION



DRG. TITLE:		PROTECTIVE SLEEVE -WESTINGHOUSE INTERFACE	
SCALES:	1:1	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DH1 3LE TEL. (091) 374 2107 & 2108	
DRG. TYPE:	PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP	
DRAWN BY:	G.D	DRAWING No.	A3
DATE	26/7/94	AF2\WIF-21	REV. A

ISSUE	REVISION	DRN	DATE

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED

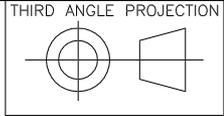
IMPLIED TOLERANCES  
 X (OVER 100) ±0.20  
 X (UP TO 100) ±0.1  
 X.X ±0.10  
 X.XX ±0.05

Material:

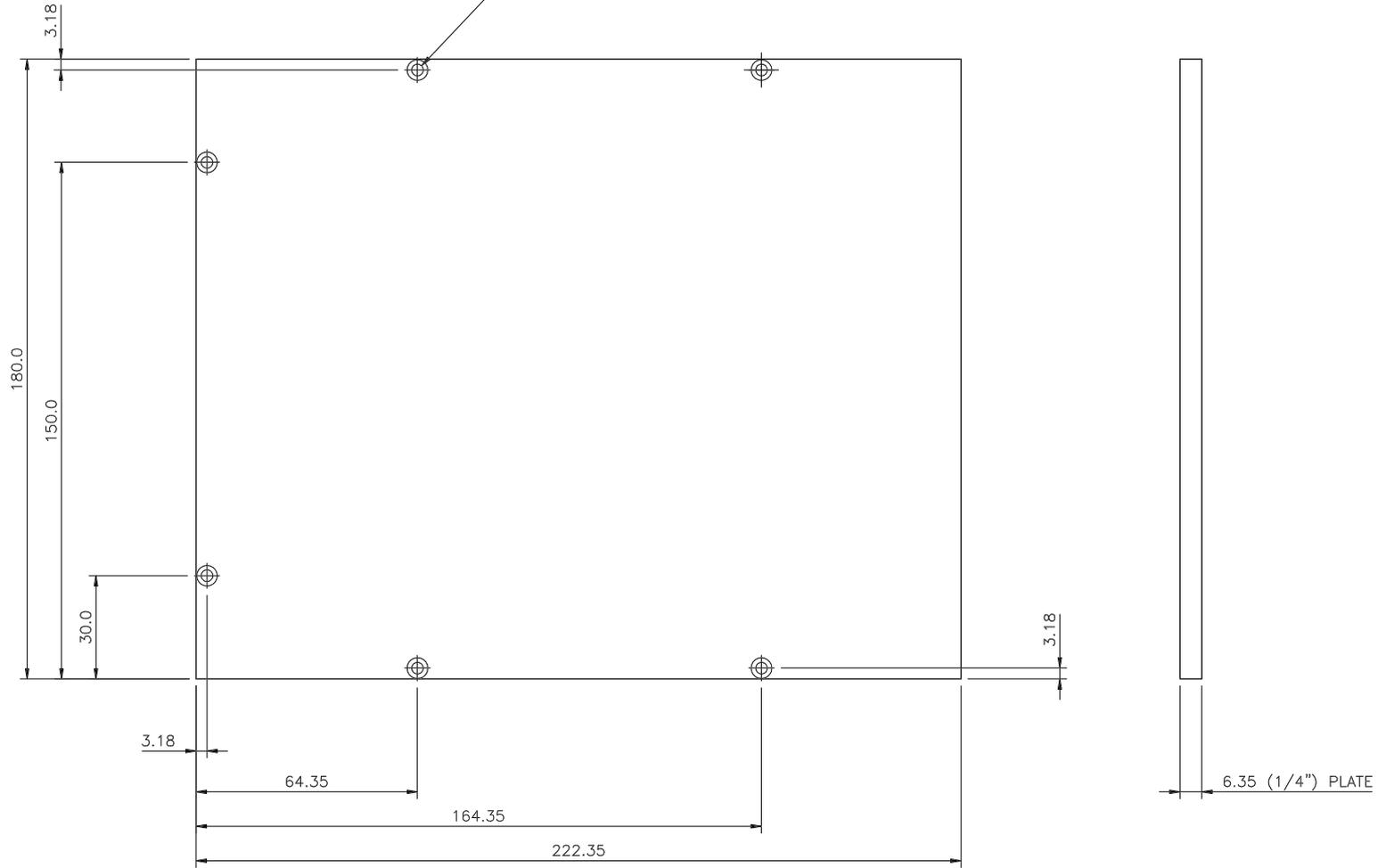
**BRASS**

Quantity: 1 OFF

DO NOT SCALE



6-HOLES DRILL  $\phi 3.4$  THRO'  
C-BORE  $\phi 6.0$  X 3 DEEP

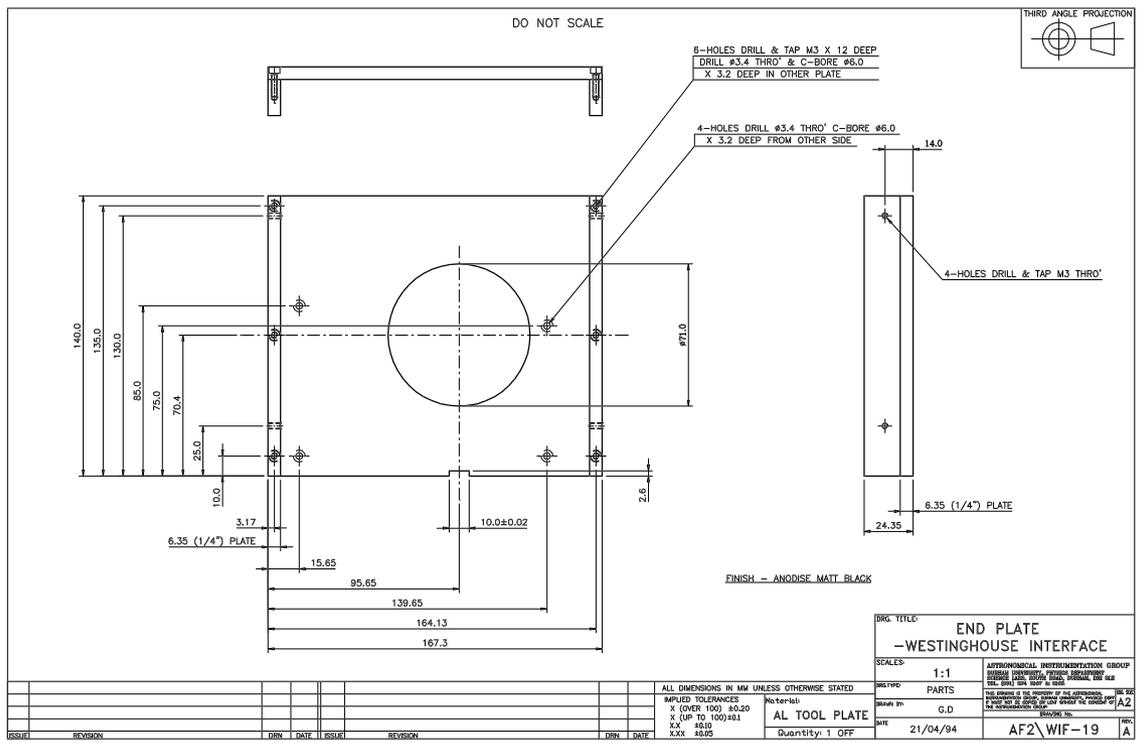


DRG. TITLE:		<b>COVER -WESTINGHOUSE INTERFACE</b>	
SCALES:	<b>1:1</b>	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DH1 1LE TEL. (091) 374 2107 & 2108	
DRG. TYPE:	PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP.	
DRAWN BY:	G.D	DRAWING No.	<b>A2</b>
DATE	29/04/94	<b>AF2\WIF-20</b>	REV. <b>A</b>

ISSUE	REVISION	DRN	DATE	ISSUE	REVISION	DRN	DATE

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED	
IMPLIED TOLERANCES	Material:
X (OVER 100) $\pm 0.20$	<b>AL ALLOY</b>
X (UP TO 100) $\pm 0.1$	
X.X $\pm 0.10$	
X.XX $\pm 0.05$	
Quantity: 1 OFF	

X  
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A  
L



ISSUE	REVISION	DATE																			

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED

IMPLIED TOLERANCES

X (OVER 100) ±0.20

X (UP TO 100) ±0.11

X-X ±0.10

X-X ±0.05

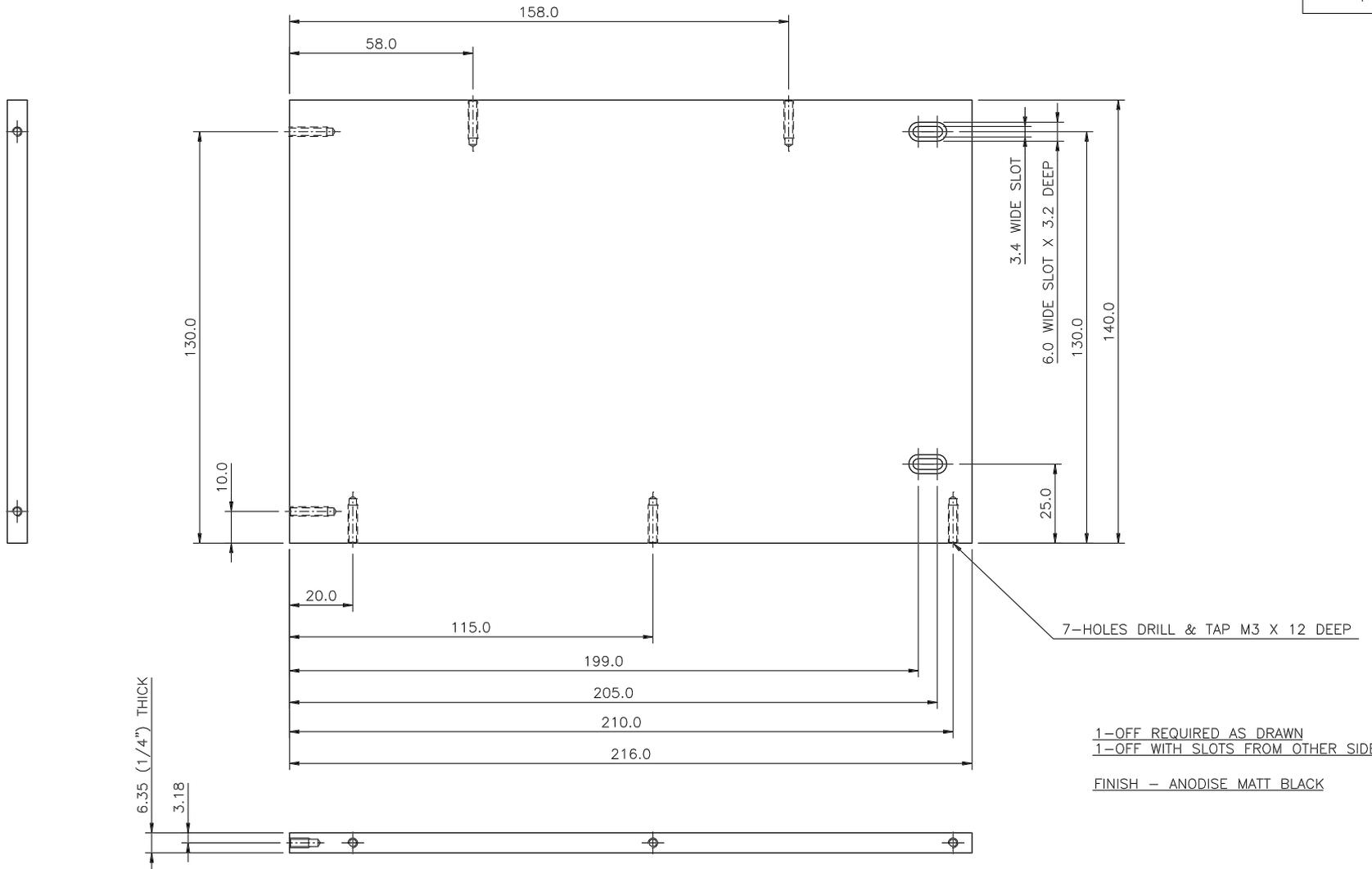
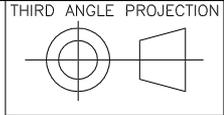
Material: AL TOOL PLATE

Quantity: 1 OFF

DATE: 21/04/94

AF2\WIF-19

DO NOT SCALE



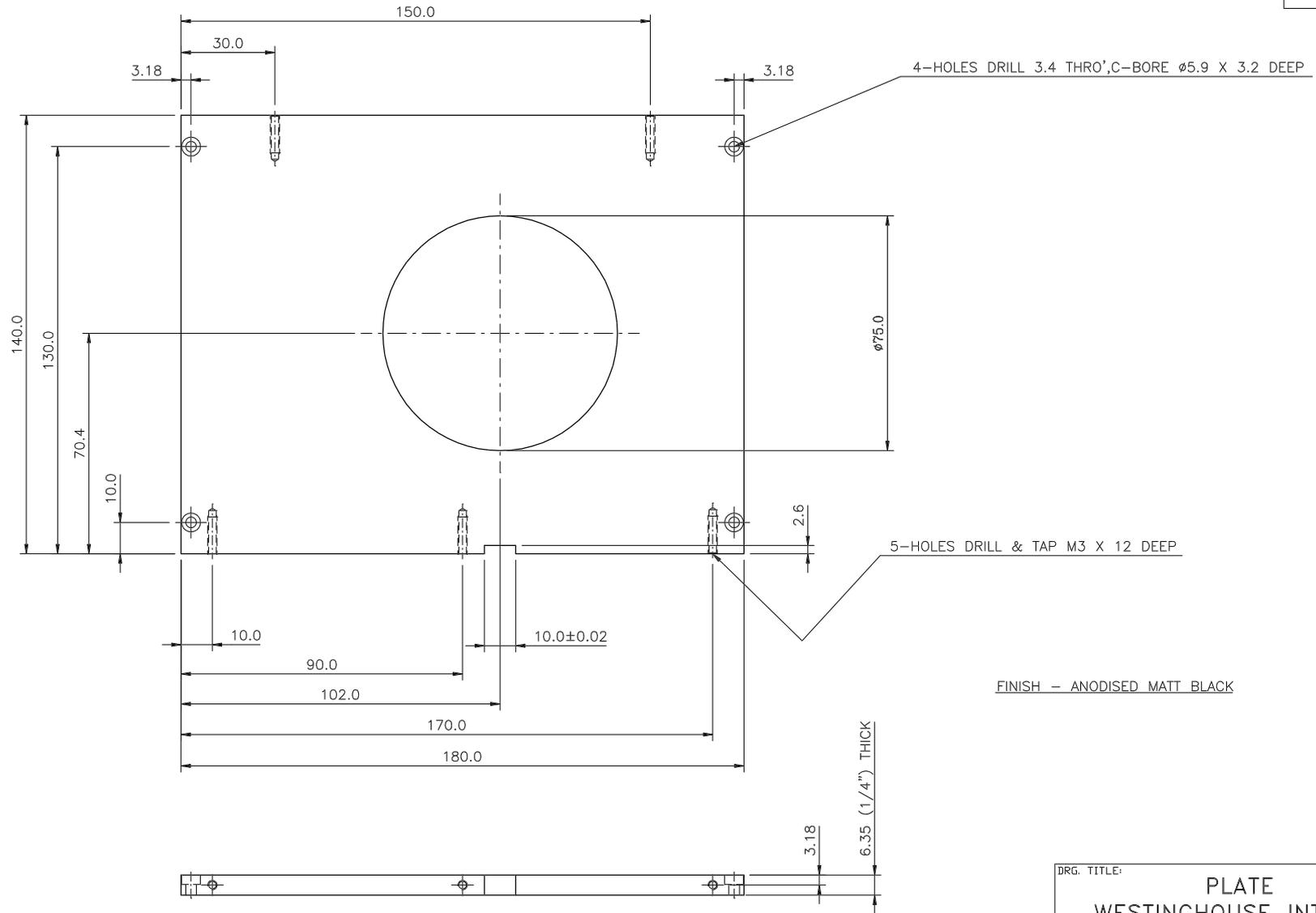
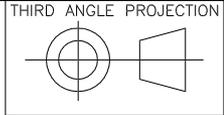
1-OFF REQUIRED AS DRAWN  
 1-OFF WITH SLOTS FROM OTHER SIDE  
 FINISH - ANODISE MATT BLACK

DRG. TITLE:		PLATE -WESTINGHOUSE INTERFACE	
SCALES:	1:1	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DH1 1LE TEL. (091) 374 2107 & 2108	
DRG. TYPE:	PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP.	
DRAWN BY:	G.D	DRAWING No.	
DATE	20/04/94	AF2\WIF-18	
Material:		REV.	
AL TOOL PLATE		A	
Quantity: 2 OFF			

ISSUE	REVISION	DRN	DATE	ISSUE	REVISION	DRN	DATE

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED	
IMPLIED TOLERANCES	
X (OVER 100)	±0.20
X (UP TO 100)	±0.1
X.X	±0.10
X.XX	±0.05

DO NOT SCALE



DRG. TITLE:		PLATE WESTINGHOUSE INTERFACE	
SCALES:	1:1	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DH1 1LE TEL. (091) 374 2107 & 2108	
DRG. TYPE:	PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP.	
DRAWN BY:	G.D	IRG SIZE:	A2
DATE:	20/04/94	DRAWING No.:	AF2\WIF-17
Material:		REV.:	A
AL TOOL PLATE			
Quantity: 1 OFF			

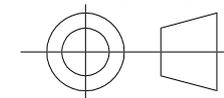
ISSUE	REVISION	DRN	DATE	ISSUE	REVISION	DRN	DATE

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED

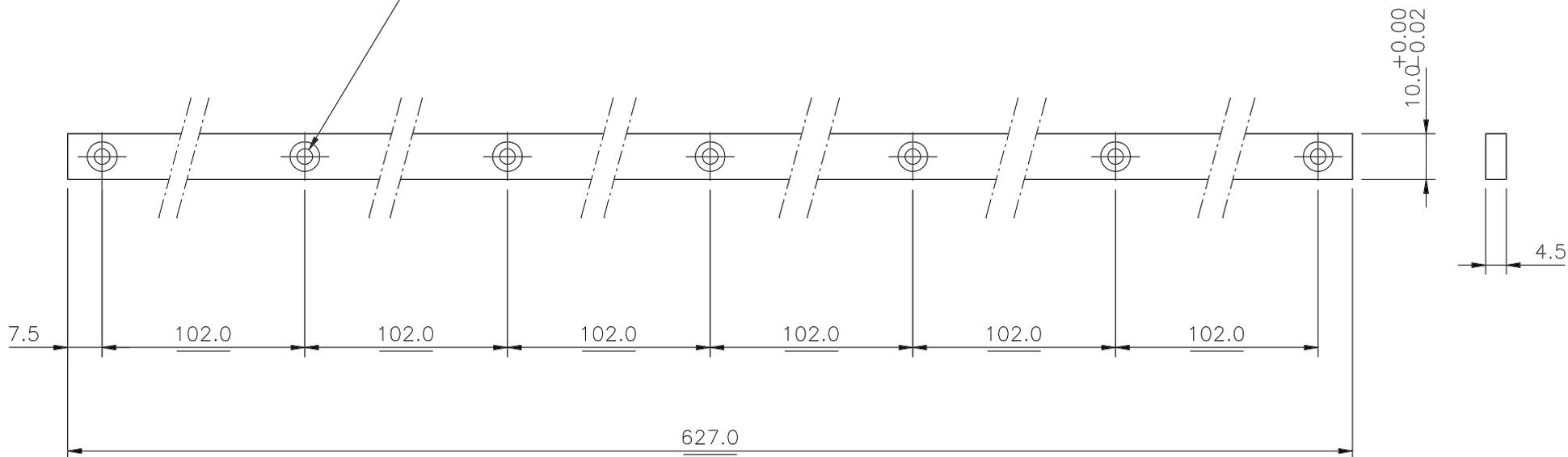
IMPLIED TOLERANCES  
 X (OVER 100) ±0.20  
 X (UP TO 100) ±0.1  
 X.X ±0.10  
 X.XX ±0.05

DO NOT SCALE

THIRD ANGLE PROJECTION



7-HOLES DRILL  $\phi 3.4$  THRO', CSK  $\phi 7.0 \times 90^\circ$



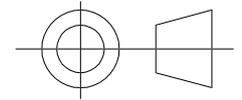
FINISH - ANODISE MATT BLACK

DRG. TITLE:		<b>KEY FOR BASE -WESTINGHOUSE INTERFACE</b>	
SCALES:		<b>1:1</b>	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DH1 3LE TEL. (091) 374 2107 & 2108
DRG. TYPE:		PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP
DRAWN BY:		G.D	
DATE		22/04/94	DRG. SIZE <b>A3</b>
			DRAWING No. <b>AF2\WIF-16</b>
			REV. <b>A</b>

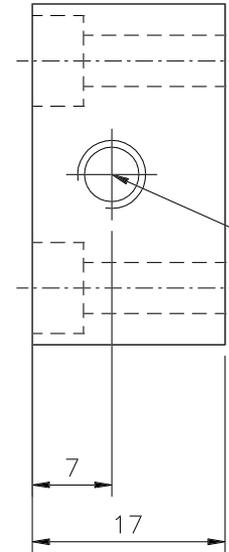
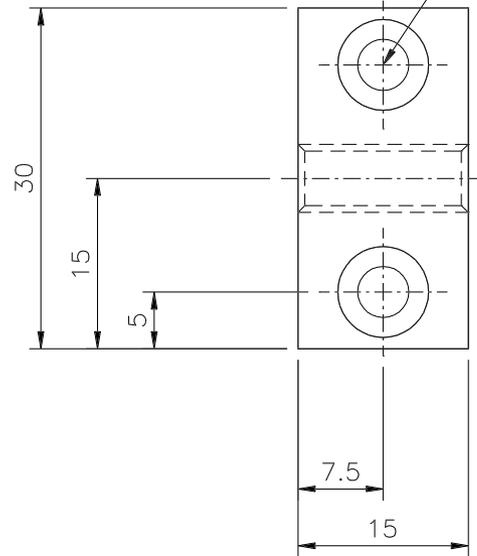
ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED			
IMPLIED TOLERANCES			
			X (OVER 100) $\pm 0.20$
			X (UP TO 100) $\pm 0.1$
			X.X $\pm 0.10$
			X.XX $\pm 0.05$
ISSUE	REVISION	DRN	DATE
			Material: <b>AL ALLOY</b> Quantity: 1 OFF

DO NOT SCALE

THIRD ANGLE PROJECTION



2-HOLES DRILL  $\phi 4.5$  THRO', C-BORE  $\phi 8.0$  X 4.5 DEEP



1-HOLE DRILL & TAP M6 THRO'

FINISH - ANODISE MATT BLACK

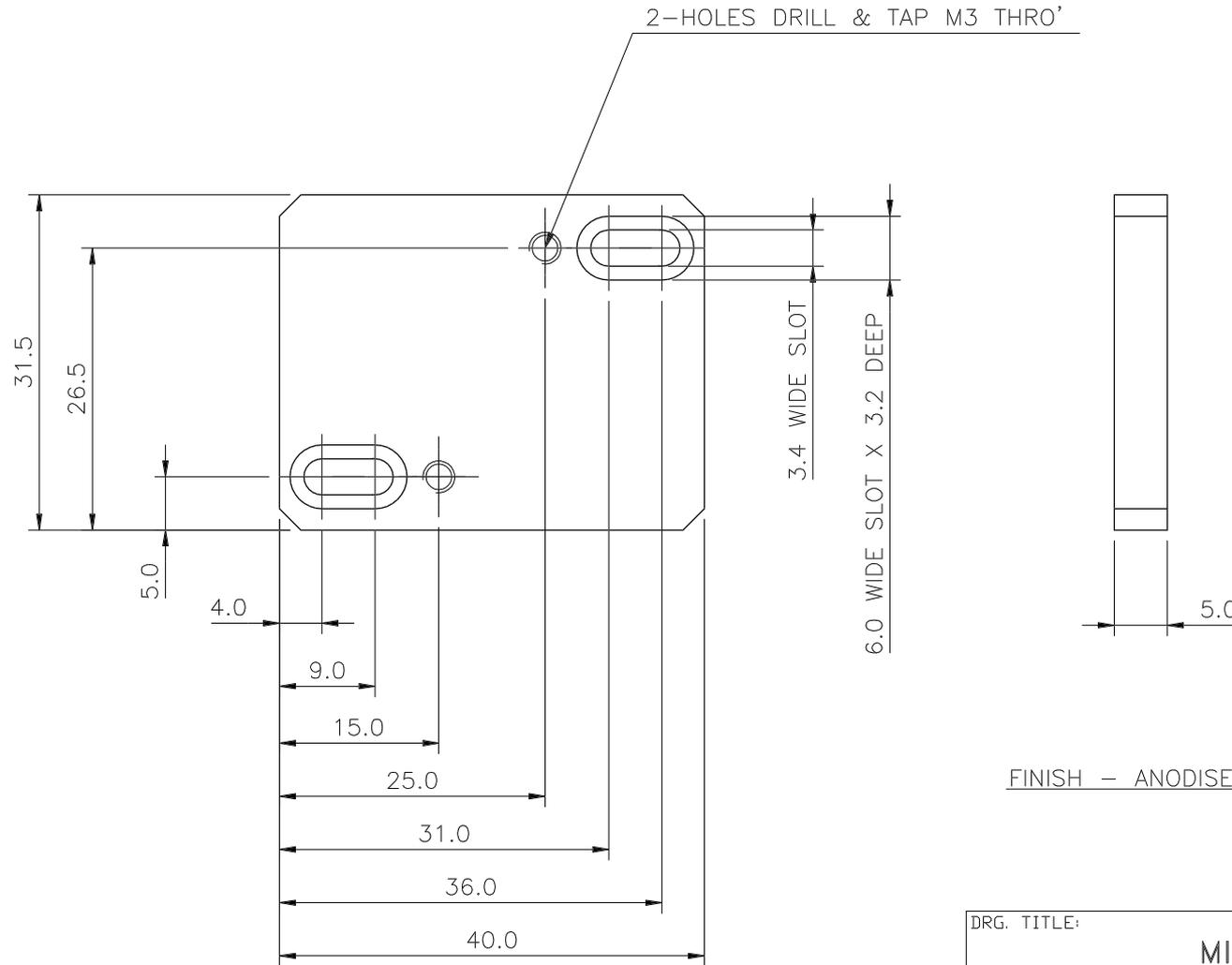
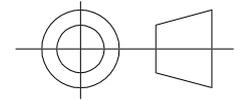
DRG. TITLE:		BLOCK	
SCALES:		1:1	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DH1 3LE TEL. (091) 374 2107 & 2108
DRG. TYPE:		PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP
DRAWN BY:		G.D.	
DATE		21/04/94	DRAWING No. AF2\WIN-15
			DRG. SIZE A3
			REV. A

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED			
IMPLIED TOLERANCES			
X (OVER 100) $\pm 0.20$			
X (UP TO 100) $\pm 0.1$			
X.X $\pm 0.10$			
X.XX $\pm 0.05$			
ISSUE	REVISION	DRN	DATE

Material:  
**AL ALLOY**  
Quantity: 1 OFF

DO NOT SCALE

THIRD ANGLE PROJECTION



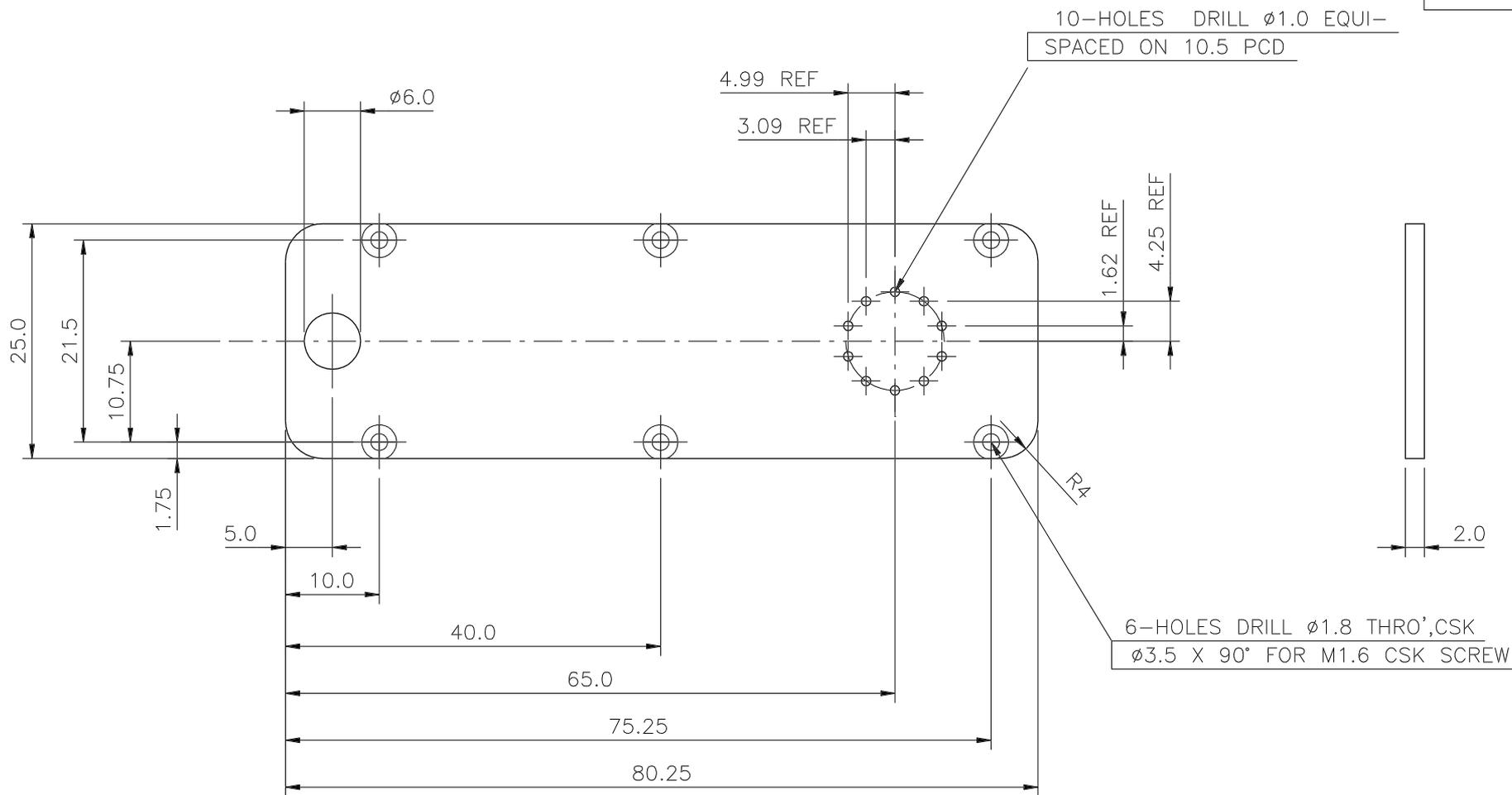
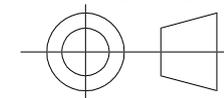
FINISH - ANODISE MATT BLACK

DRG. TITLE:		<b>MICROSWITCH BRACKET</b>	
SCALES:		<b>2:1</b>	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DH1 3LE TEL. (091) 374 2107 & 2108
DRG. TYPE:		PARTS	
DRAWN BY:		G.D	
DATE:		21/04/94	
ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED		DRAWING No.	
IMPLIED TOLERANCES X (OVER 100) ±0.20 X (UP TO 100) ±0.1 X.X ±0.10 X.XX ±0.05		<b>AF2\WIF-14</b>	
Material:		REV.	
<b>AL ALLOY</b>		<b>A</b>	
Quantity: 1 OFF			

ISSUE	REVISION	DRN	DATE

DO NOT SCALE

THIRD ANGLE PROJECTION

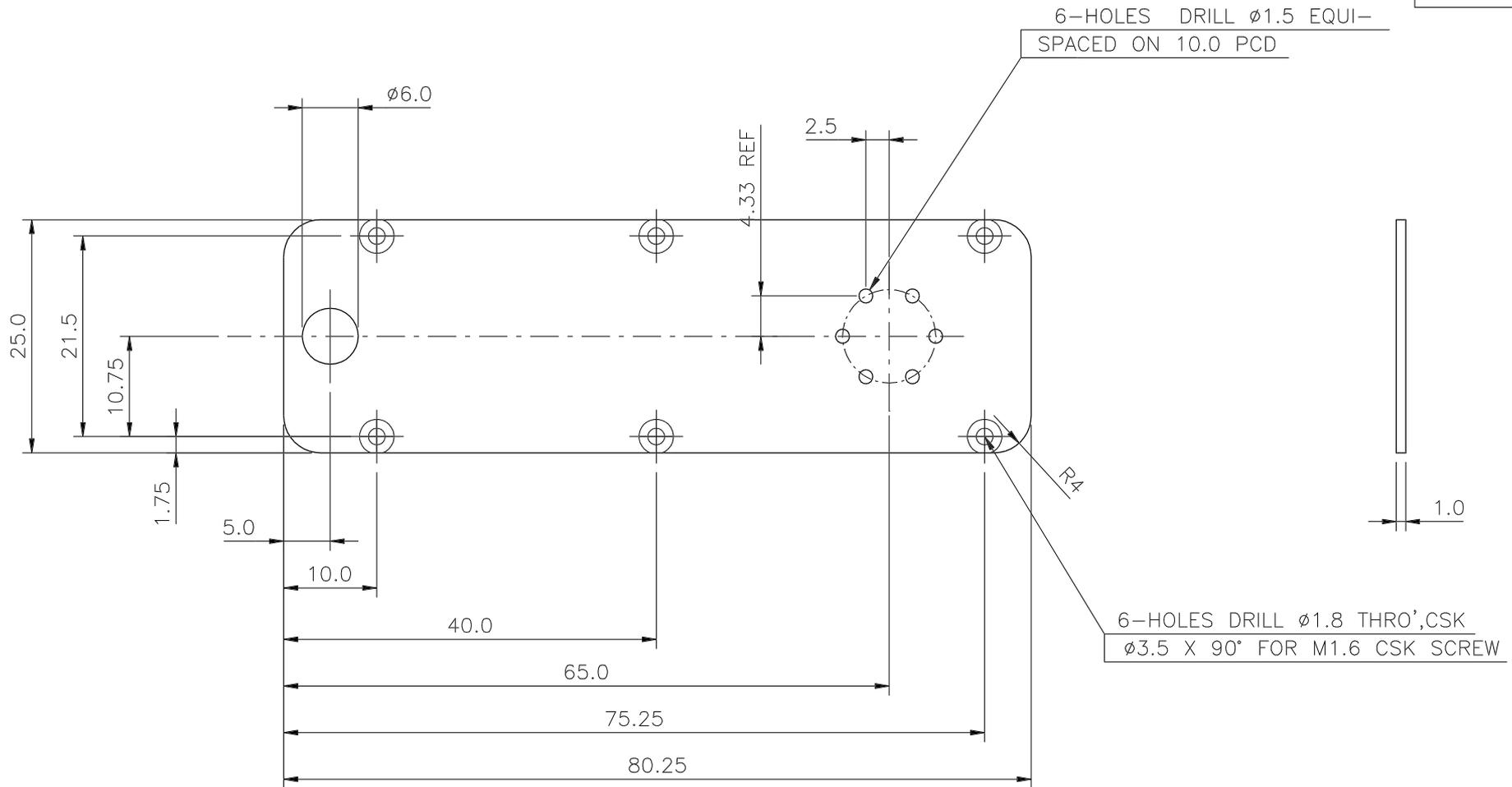
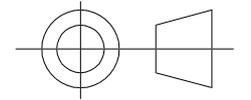


DRG. TITLE:		<b>MASK - WESTINGHOUSE INTERFACE</b>								
SCALES:		<b>2:1</b>	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DH1 3LE TEL. (091) 374 2107 & 2108							
DRG. TYPE:		PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP							
DRAWN BY:		G.D								
DATE		22/04/94	DRAWING No. <b>AF2\WIF-13B</b>							
ISSUE		REVISION	DRN	DATE	ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED	IMPLIED TOLERANCES X (OVER 100) ±0.20 X (UP TO 100) ±0.1 X.X ±0.10 X.XX ±0.05	Material: <b>AL ALLOY</b>	Quantity: 1 OFF	DRG. SIZE <b>A3</b>	REV. <b>A</b>

ISSUE	REVISION	DRN	DATE
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DO NOT SCALE

THIRD ANGLE PROJECTION

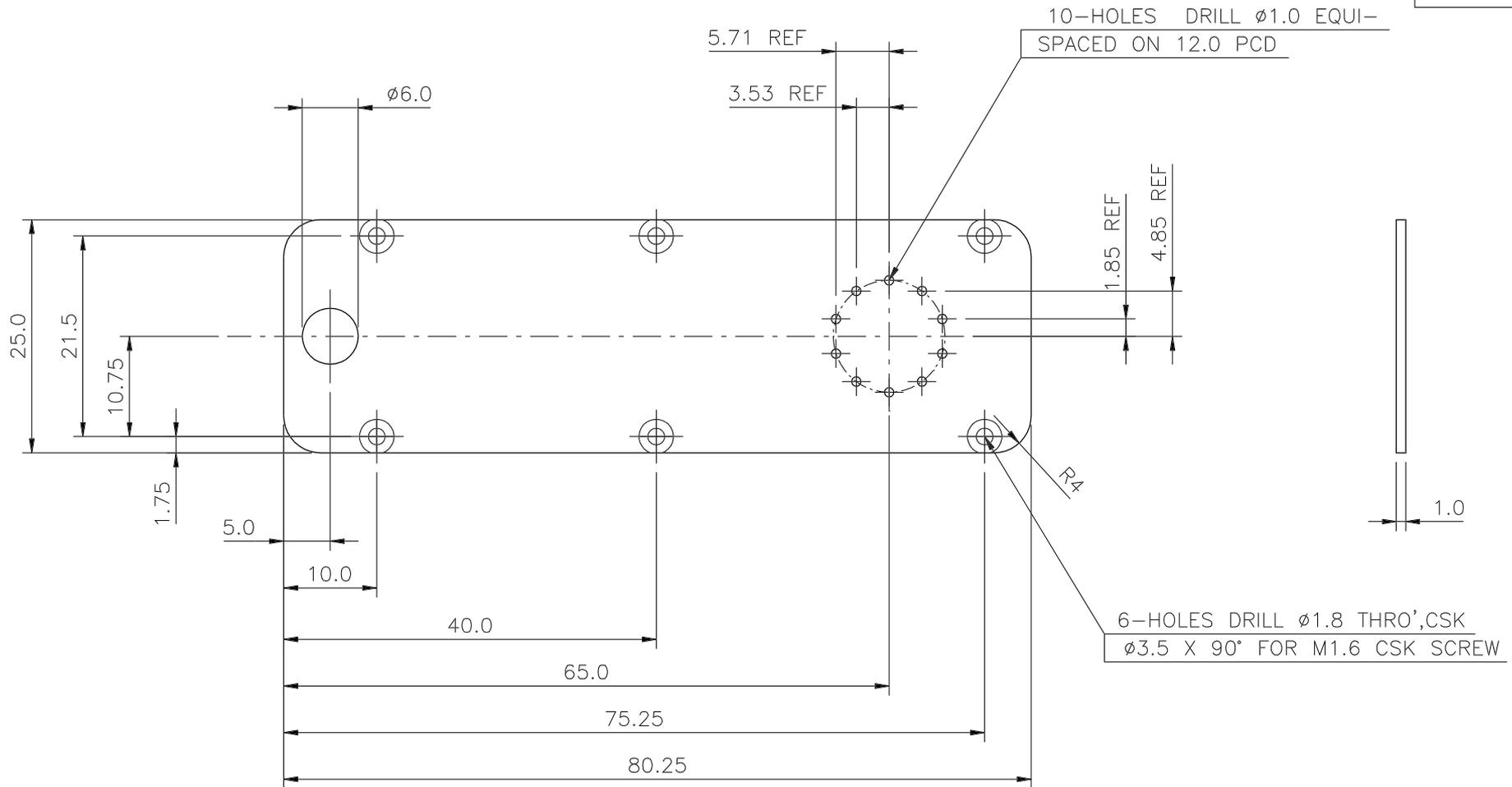
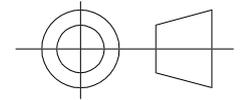


DRG. TITLE:		<b>MASK - WESTINGHOUSE INTERFACE</b>	
SCALES:	<b>2:1</b>	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DH1 3LE TEL. (091) 374 2107 & 2108	
DRG. TYPE:	PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP	<b>A3</b>
DRAWN BY:	G.D		
DATE	4/5/95	DRAWING No.	REV. A
		<b>AF2\WIF-13A</b>	

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED			
IMPLIED TOLERANCES		Material: <b>AL ALLOY</b>  Quantity: 1 OFF	
X (OVER 100) ±0.20			
X (UP TO 100) ±0.1			
X.X ±0.10			
X.XX ±0.05			
ISSUE	REVISION	DRN	DATE

DO NOT SCALE

THIRD ANGLE PROJECTION

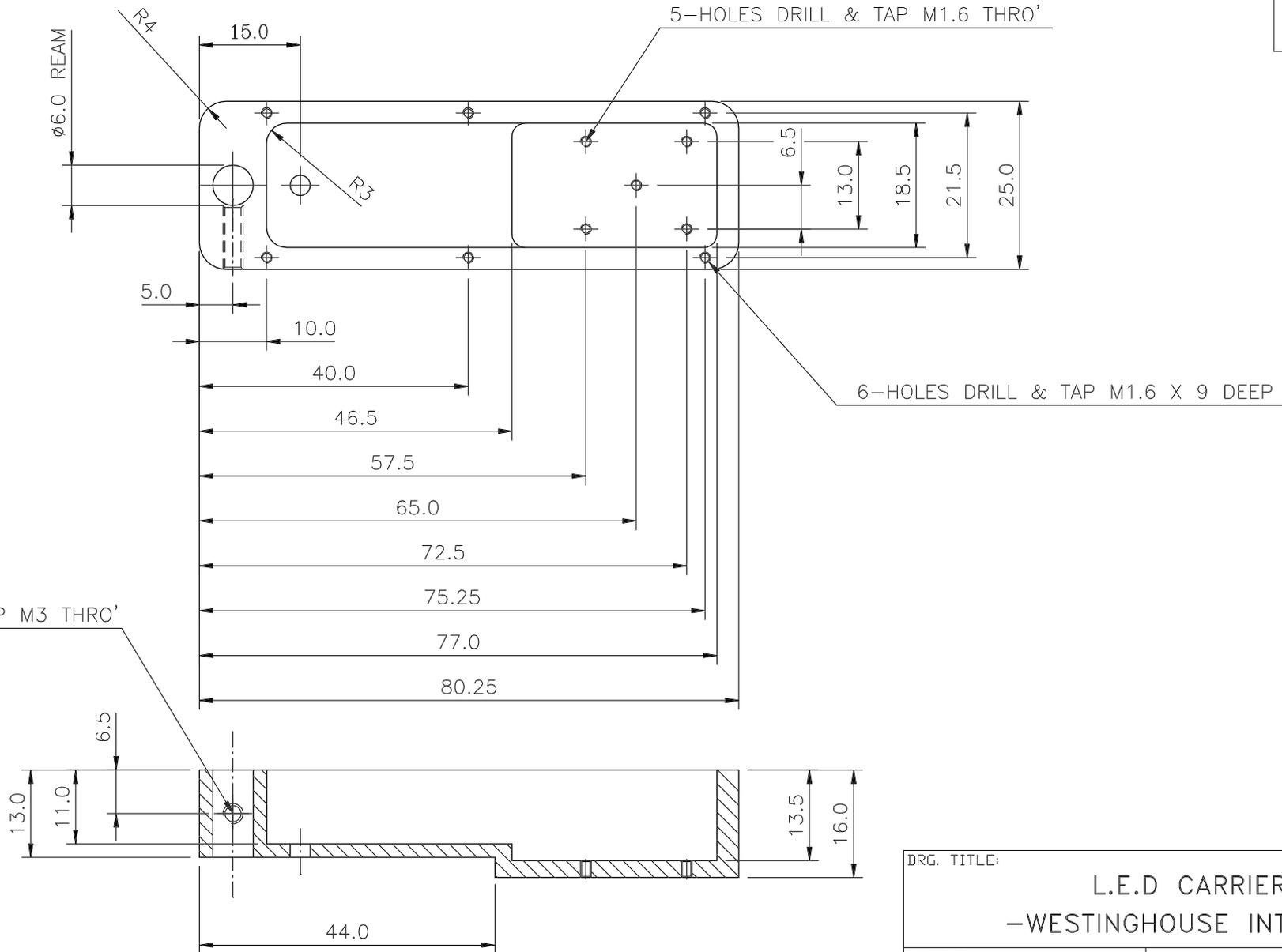
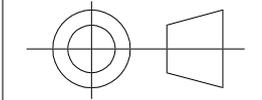


DRG. TITLE:		<b>MASK - WESTINGHOUSE INTERFACE</b>	
SCALES:	<b>2:1</b>	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DH1 3LE TEL. (091) 374 2107 & 2108	
DRG. TYPE:	PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP	<b>A3</b>
DRAWN BY:	G.D		
DATE	22/04/94	DRAWING No.	<b>AF2\WIF-13</b>
			REV. <b>A</b>

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED			
IMPLIED TOLERANCES		Material:	
	X (OVER 100) ±0.20	<b>AL ALLOY</b>	
	X (UP TO 100) ±0.1		
	X.X ±0.10		
	X.XX ±0.05		
ISSUE	REVISION	DRN	DATE
			Quantity: 1 OFF

DO NOT SCALE

THIRD ANGLE PROJECTION

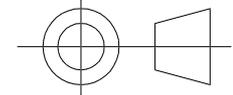


DRG. TITLE:		<b>L.E.D CARRIER -WESTINGHOUSE INTERFACE</b>	
SCALES:		<b>1:1</b>	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DHI 3LE TEL. (091) 374 2107 & 2108
DRG. TYPE:		PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP
DRAWN BY:		G.D	
DATE:		22/04/94	DRG. SIZE <b>A3</b>
		DRAWING No.	REV. <b>A</b>
		<b>AF2\WIF-12</b>	

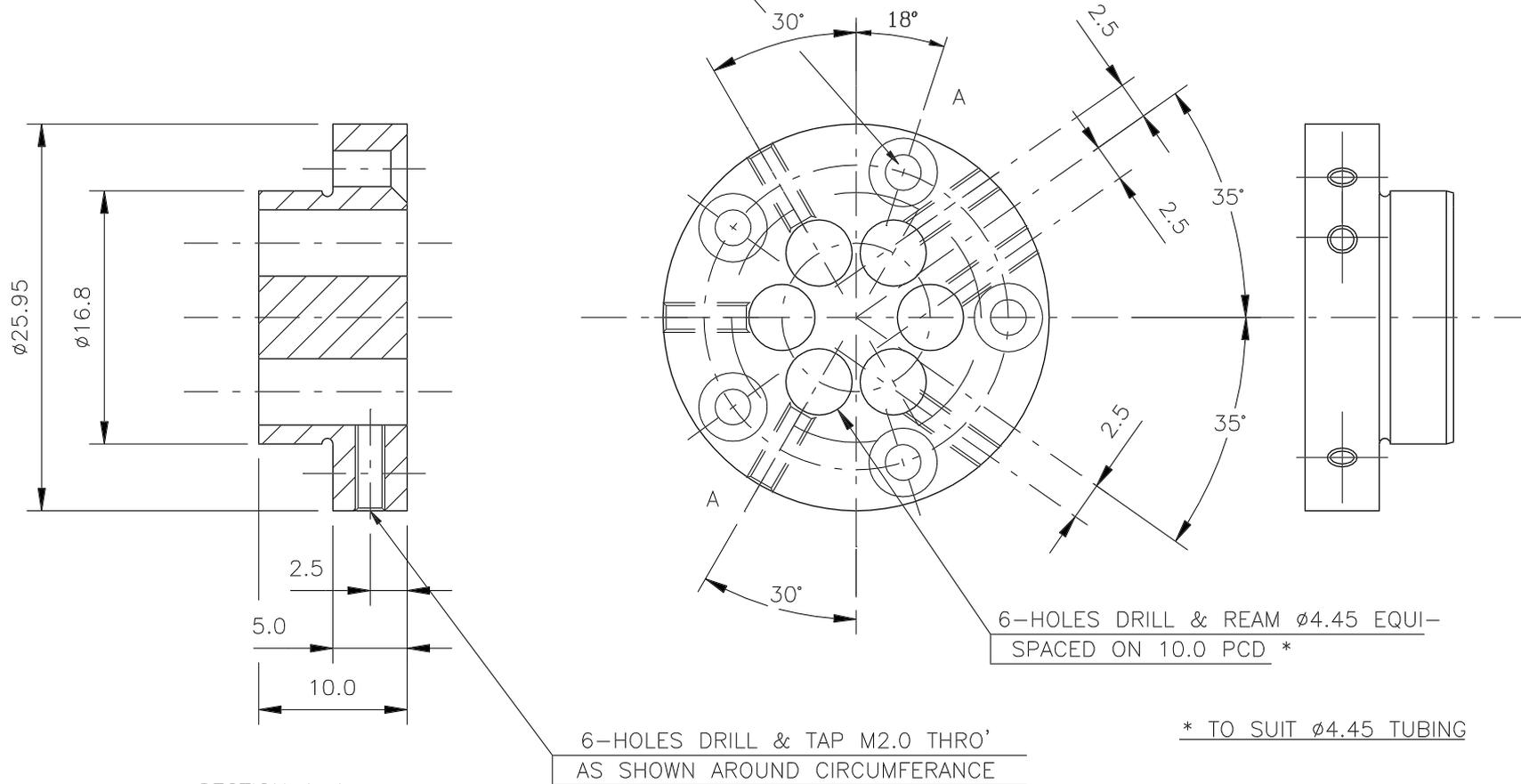
ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED			
IMPLIED TOLERANCES			
X (OVER 100) $\pm 0.20$			
X (UP TO 100) $\pm 0.1$			
X.X $\pm 0.10$			
X.XX $\pm 0.05$			
Material:		<b>AL ALLOY</b>	
Quantity:		1 OFF	
ISSUE	REVISION	DRN	DATE

DO NOT SCALE

THIRD ANGLE PROJECTION



5-HOLES DRILL  $\phi 2.4$  THRO', CSK  $\phi 4.6$   
X 90° EQUISPACED ON 20.5 PCD



SECTION A-A

6-HOLES DRILL & TAP M2.0 THRO'  
AS SHOWN AROUND CIRCUMFERENCE

6-HOLES DRILL & REAM  $\phi 4.45$  EQUI-  
SPACED ON 10.0 PCD \*

\* TO SUIT  $\phi 4.45$  TUBING

DRG. TITLE:		FIBRE CONNECTOR - MOUNTING BLOCK	
SCALES:	2:1	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DH1 3LE TEL. (091) 374 2107 & 2108	
DRG. TYPE:	PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP	DRG. SIZE A3
DRAWN BY:	G.D		DRAWING No.
DATE	4/5/95	AF2\WIF-11A	REV. A

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED

IMPLIED TOLERANCES  
X (OVER 100)  $\pm 0.20$   
X (UP TO 100)  $\pm 0.1$   
X.X  $\pm 0.10$   
X.XX  $\pm 0.05$

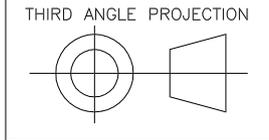
Material:

**BRASS**

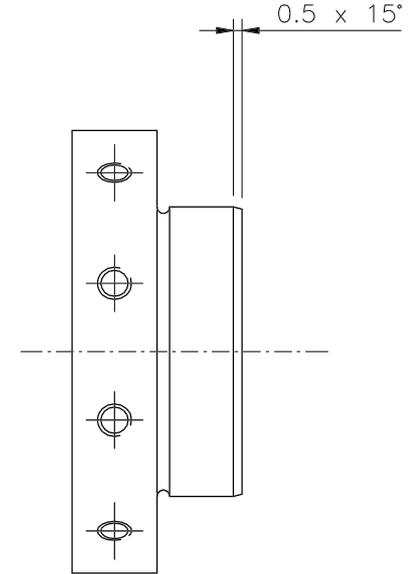
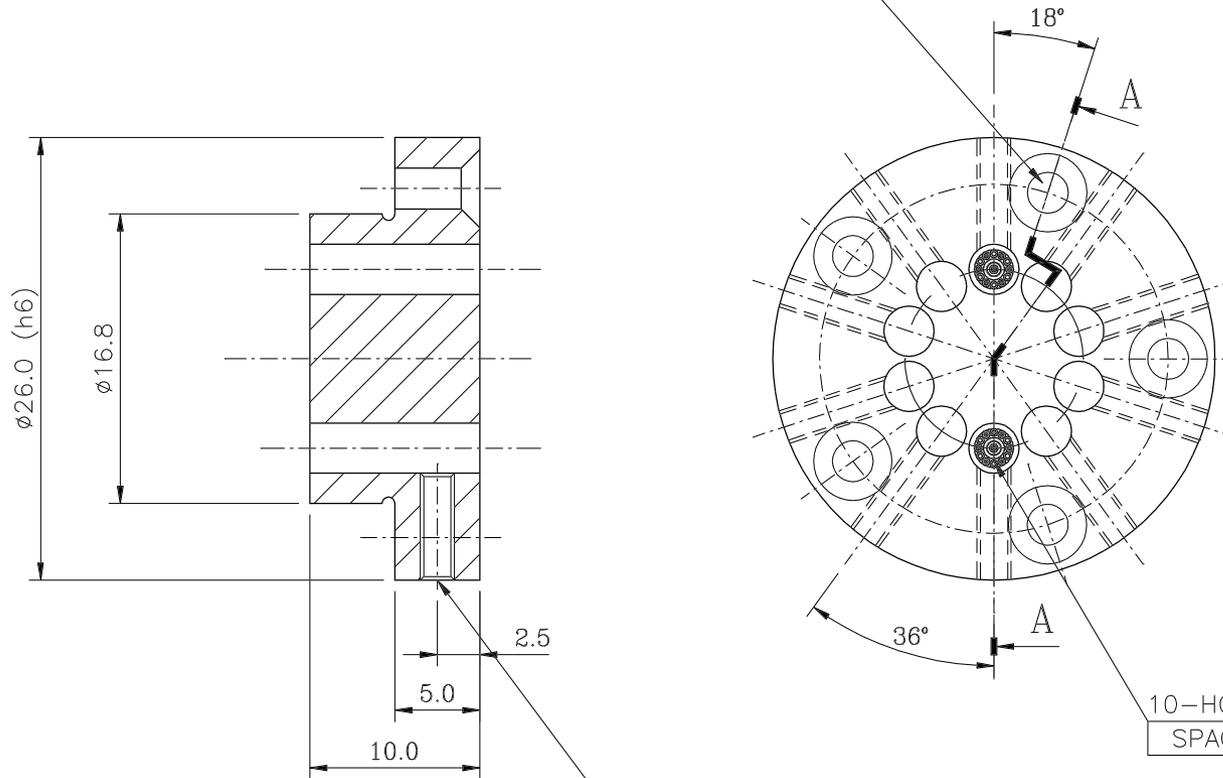
Quantity: 1 OFF

ISSUE	REVISION	DRN	DATE

DO NOT SCALE



5-HOLES DRILL  $\phi 2.4$  THRO', CSK  $\phi 4.6$   
X 90° EQUISPACED ON 20.5 PCD



10-HOLES DRILL & REAM  $\phi 2.95$  EQUI-  
SPACED ON 10.5 PCD \*

SECTION A-A

10-HOLES DRILL & TAP M2.0 THRO'  
EQUISPACED AROUND CIRCUMFERANCE

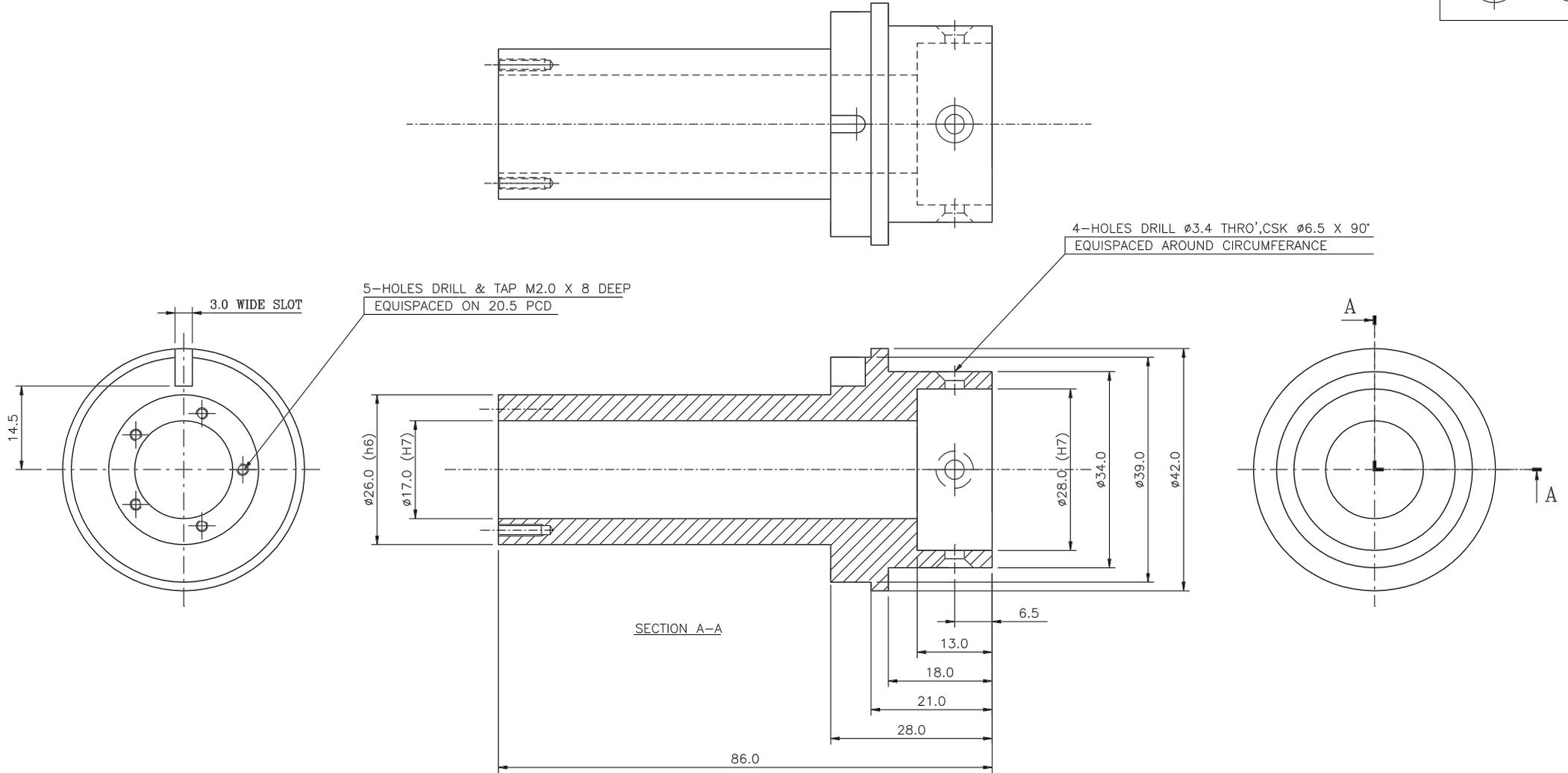
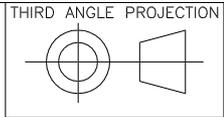
\* TO SUIT  $\phi 2.95$  TUBING

DRG. TITLE:		<b>FIBRE CONNECTOR - MOUNTING BLOCK</b>	
SCALES:		<b>2:1</b>	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DH1 3LE TEL. (091) 374 2107 & 2108
DRG. TYPE:		PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP
DRAWN BY:		G.D	
DATE:		15/04/94	DRAWING No. <b>AF2\WIF-11</b>
Material:		<b>BRASS</b>	
Quantity: 1 OFF			

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED				
IMPLIED TOLERANCES				
X (OVER 100) $\pm 0.20$				
X (UP TO 100) $\pm 0.1$				
X.X $\pm 0.10$				
X.XX $\pm 0.05$				
B	$\phi 16.8$ WAS $\phi 17.0$ , PCD WAS 12.0	GD	10/11/94	
ISSUE	REVISION	DRN	DATE	

DRG. SIZE  
**A3**  
REV.  
**B**

DO NOT SCALE



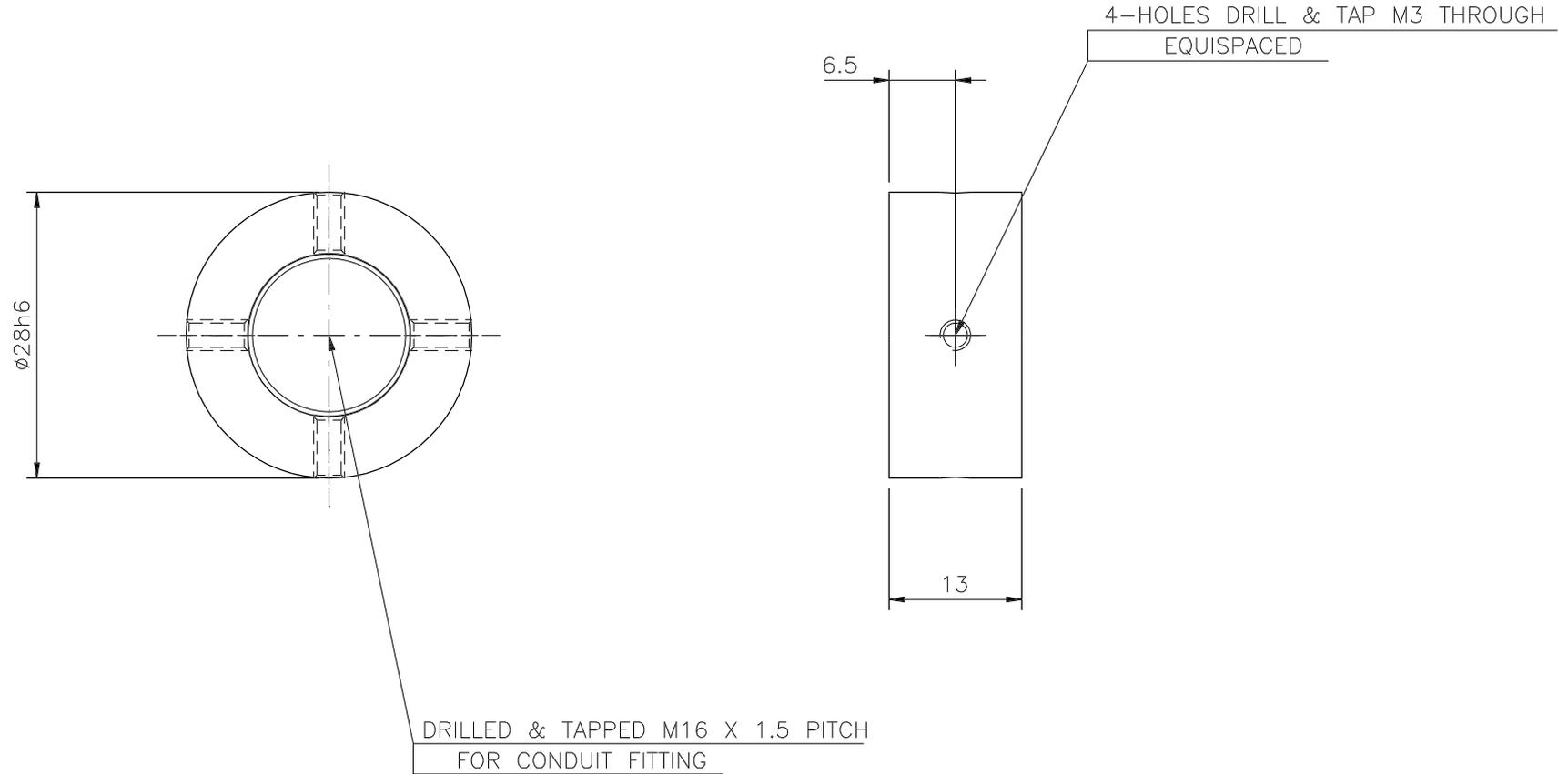
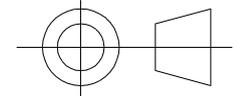
DRG. TITLE:		<b>FIBRE CONNECTOR - MALE SOCKET</b>	
SCALES:	<b>2:1</b>	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DH1 1LE TEL. (091) 374 2107 & 2108	
DRG. TYPE:	PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP.	
DRAWN BY:	G.D	DRAWING No.	<b>A2</b>
DATE	14/04/94	<b>AF2\WIF-10</b>	REV. <b>A</b>

ISSUE	REVISION	DRN	DATE	ISSUE	REVISION	DRN	DATE

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED	
IMPLIED TOLERANCES	Material:
X (OVER 100) ±0.20	<b>BRASS</b>
X (UP TO 100) ±0.1	Quantity: 1 OFF
X.X ±0.10	
X.XX ±0.05	

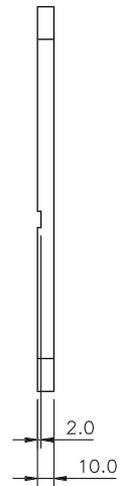
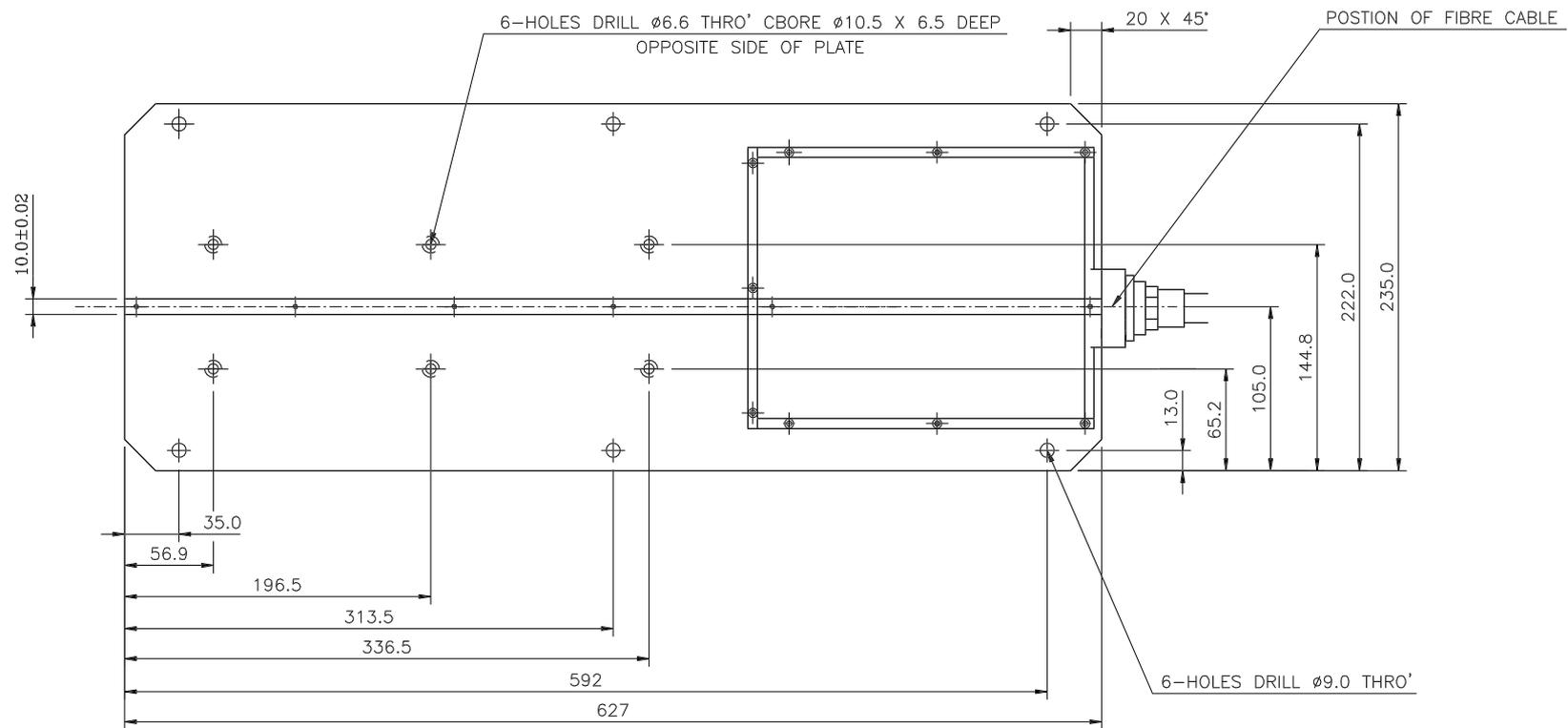
DO NOT SCALE

THIRD ANGLE PROJECTION



DRG. TITLE:		FIBRE CONNECTOR - CONDUIT FITTING BUSH	
SCALES:	2:1	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DH1 3LE TEL. (091) 374 2107 & 2108	
DRG. TYPE:	PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP	DRG. SIZE
DRAWN BY:	G.D		A3
DATE	12/04/94	DRAWING No.	
		AF2\WIF-09	REV. A

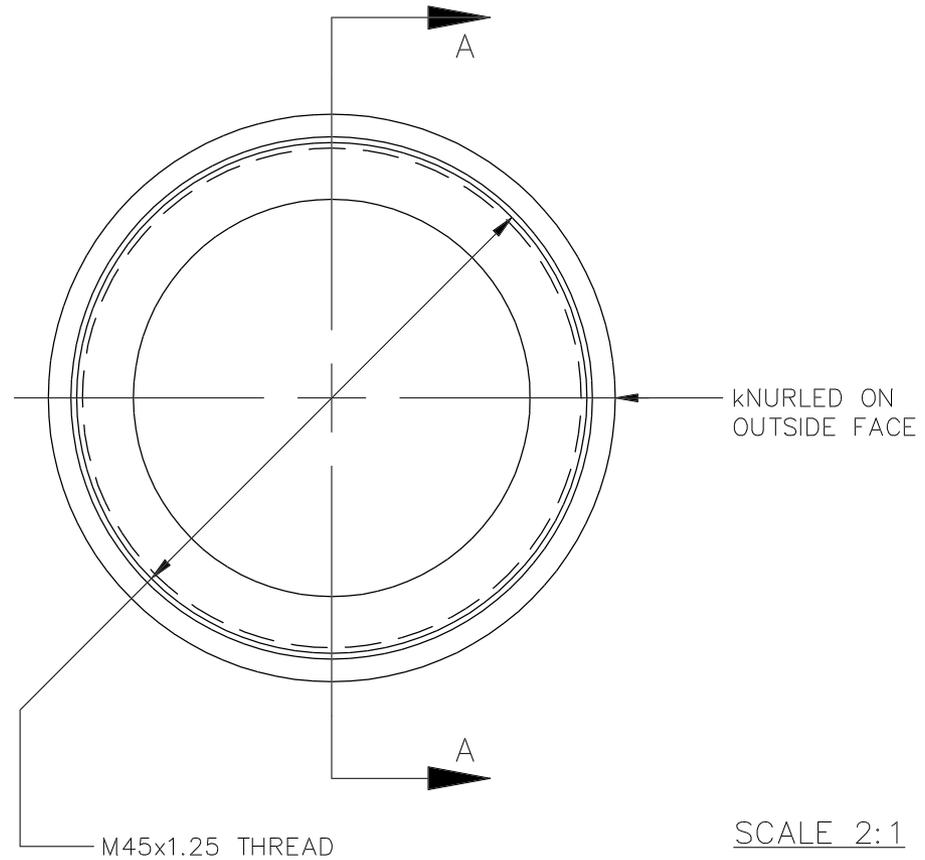
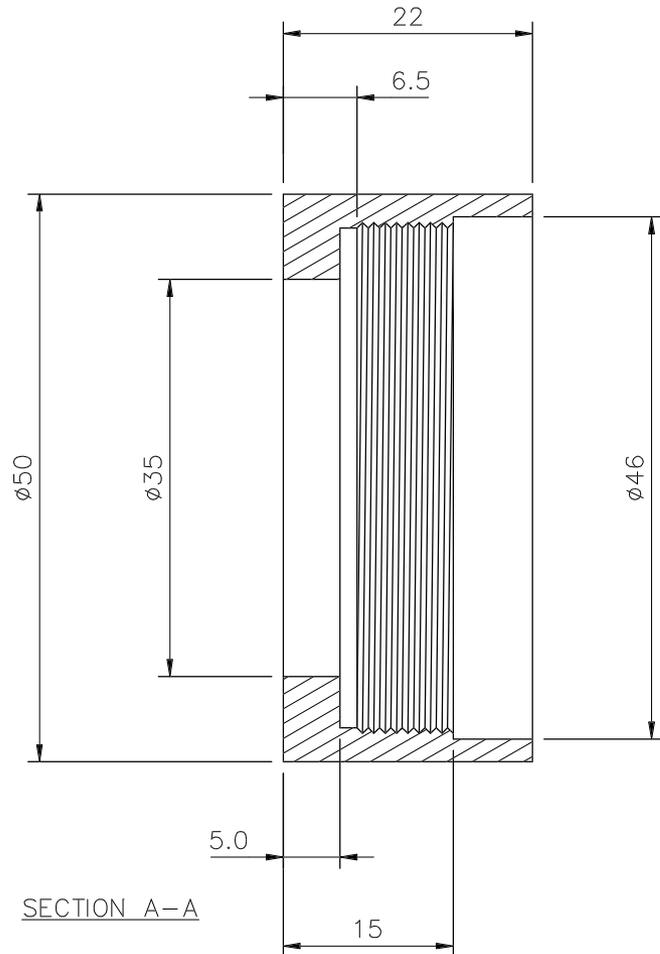
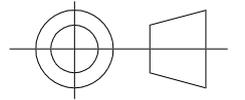
ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED			
IMPLIED TOLERANCES		Material:	
	X (OVER 100) ±0.20	BRASS	
	X (UP TO 100) ±0.1		
	X.X ±0.10		
	X.XX ±0.05		
Quantity:	1 OFF		
ISSUE	REVISION	DRN	DATE



FINISH - ANODISE MATT BLACK

DO NOT SCALE

THIRD ANGLE PROJECTION



DRG. TITLE:		<b>FIBRE CONNECTOR -ROTATING FEMALE LOCKING RING</b>	
SCALES:		<b>2:1</b>	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DH1 3LE TEL. (091) 374 2107 & 2108
DRG. TYPE:		PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP
DRAWN BY:		G.D.	
DATE:		12/04/94	DRG. SIZE <b>A3</b>
			DRAWING No. <b>AF2\WIF-07</b>
			REV. <b>A</b>

ISSUE	REVISION	DRN	DATE

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED

IMPLIED TOLERANCES  
 X (OVER 100) ±0.20  
 X (UP TO 100) ±0.1  
 X.X ±0.10  
 X.XX ±0.05

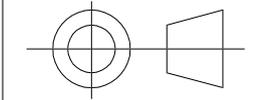
Material:

**BRASS**

Quantity: 1 OFF

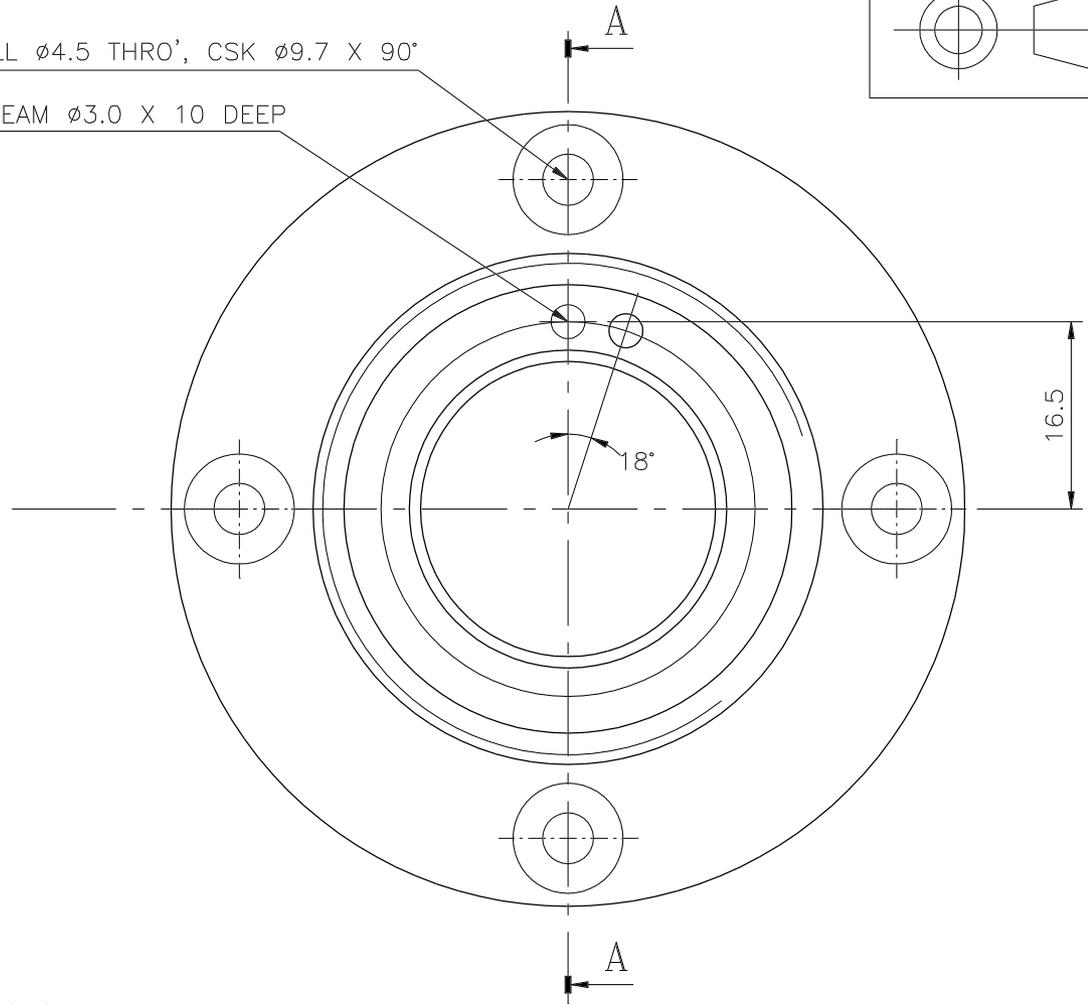
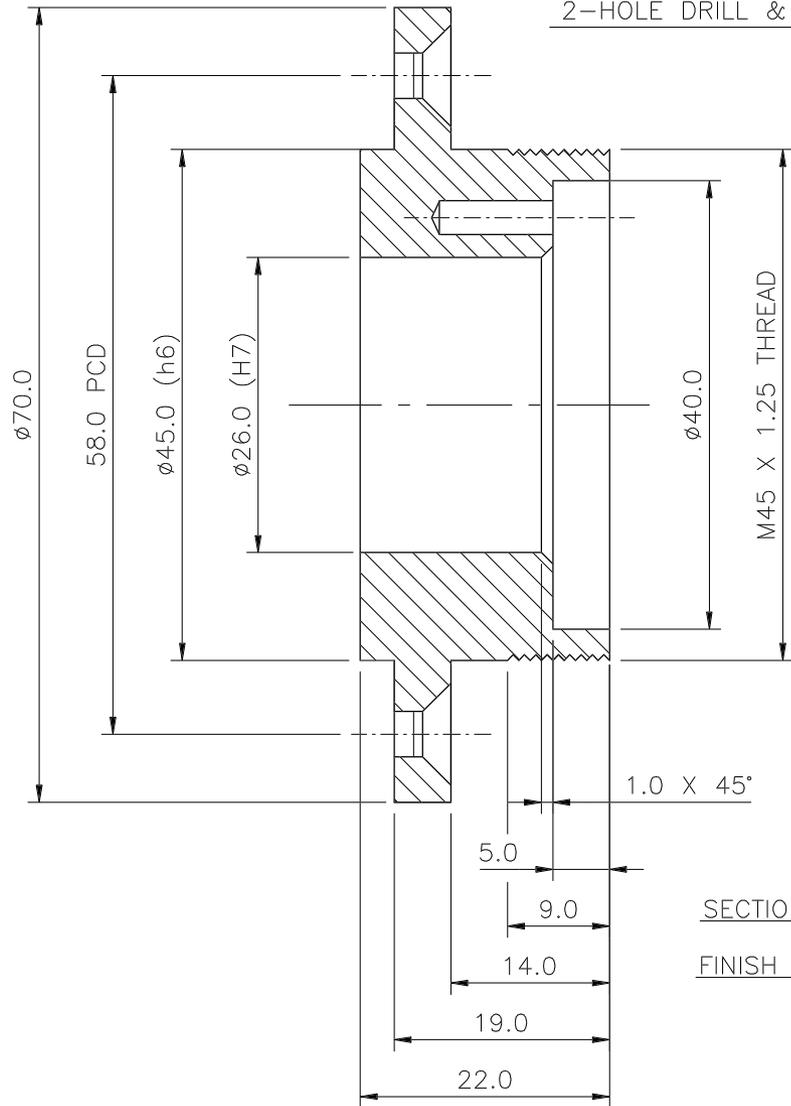
DO NOT SCALE

THIRD ANGLE PROJECTION



4-HOLES DRILL  $\phi 4.5$  THRO', CSK  $\phi 9.7 \times 90^\circ$

2-HOLE DRILL & REAM  $\phi 3.0 \times 10$  DEEP



SECTION A-A

FINISH - MACHINE ALL OVER

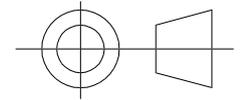
DRG. TITLE:		<b>FIBRE CONNECTOR - FLANGE</b>	
SCALES:		<b>2:1</b>	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DH1 3LE TEL. (091) 374 2107 & 2108
DRG. TYPE:		PARTS	
DRAWN BY:		G.D	
DATE:		13/04/94	
DRG. SIZE:		<b>A3</b>	
THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP			
DRAWING No.		<b>AF2\WIF-06</b>	
REV.:		<b>B</b>	

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED			
IMPLIED TOLERANCES			
X (OVER 100) $\pm 0.20$			
X (UP TO 100) $\pm 0.1$			
X.X $\pm 0.10$			
X.XX $\pm 0.05$			
Material:		<b>BRASS</b>	
Quantity:		1 OFF	
ISSUE	REVISION	DRN	DATE
B	1- $\phi 3.0$ REAMED HOLE ADDED	GD	5/01/95

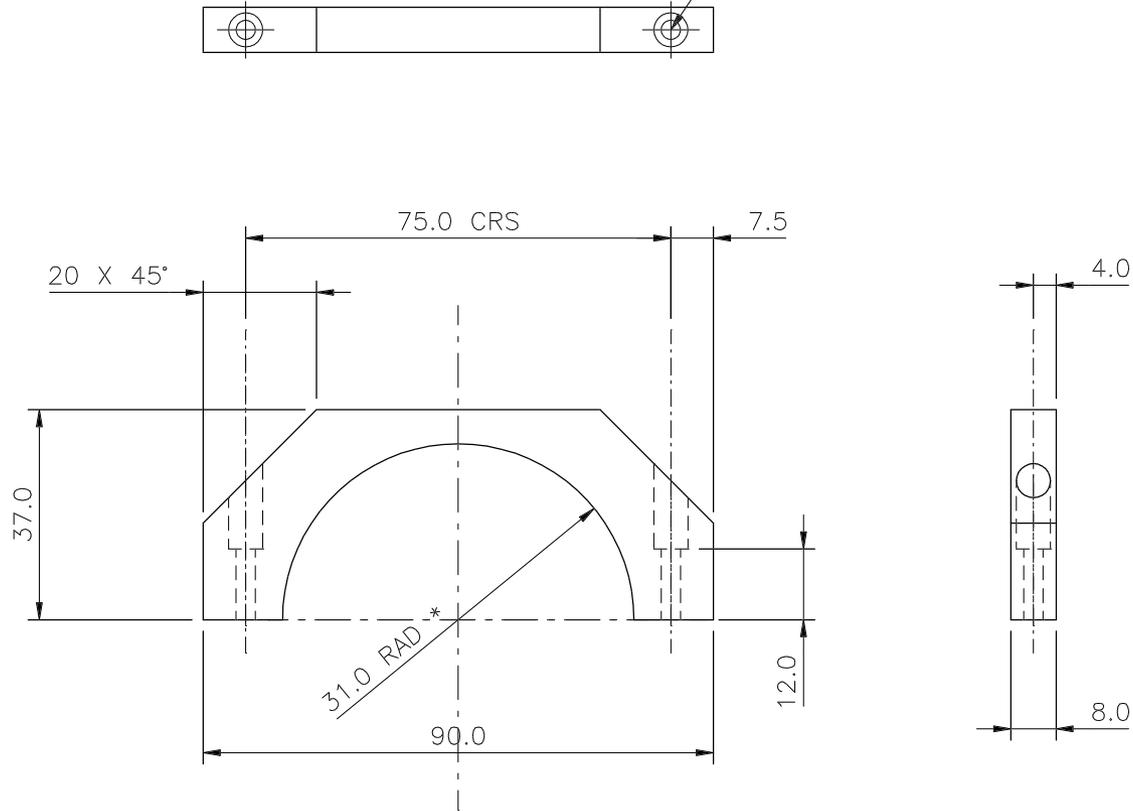


DO NOT SCALE

THIRD ANGLE PROJECTION



2-HOLES DRILL  $\phi 3.4$  THRO'  
C-BORE  $\phi 6.0$



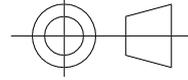
\* TO SUIT CANNON 50mm f1.4 LENS BARREL  
FINISH - MACHINE ALL OVER, ANODISE MATT BLACK

DRG. TITLE:		LENS BARREL CLAMP - WESTINGHOUSE INTERFACE	
SCALES:	1:1	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DH1 3LE TEL. (091) 374 2107 & 2108	
DRG. TYPE:	PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP	DRG. SIZE A3
DRAWN BY:	G.D		
DATE	17/03/94	DRAWING No.	AF2\WIF-04
		REV.	A

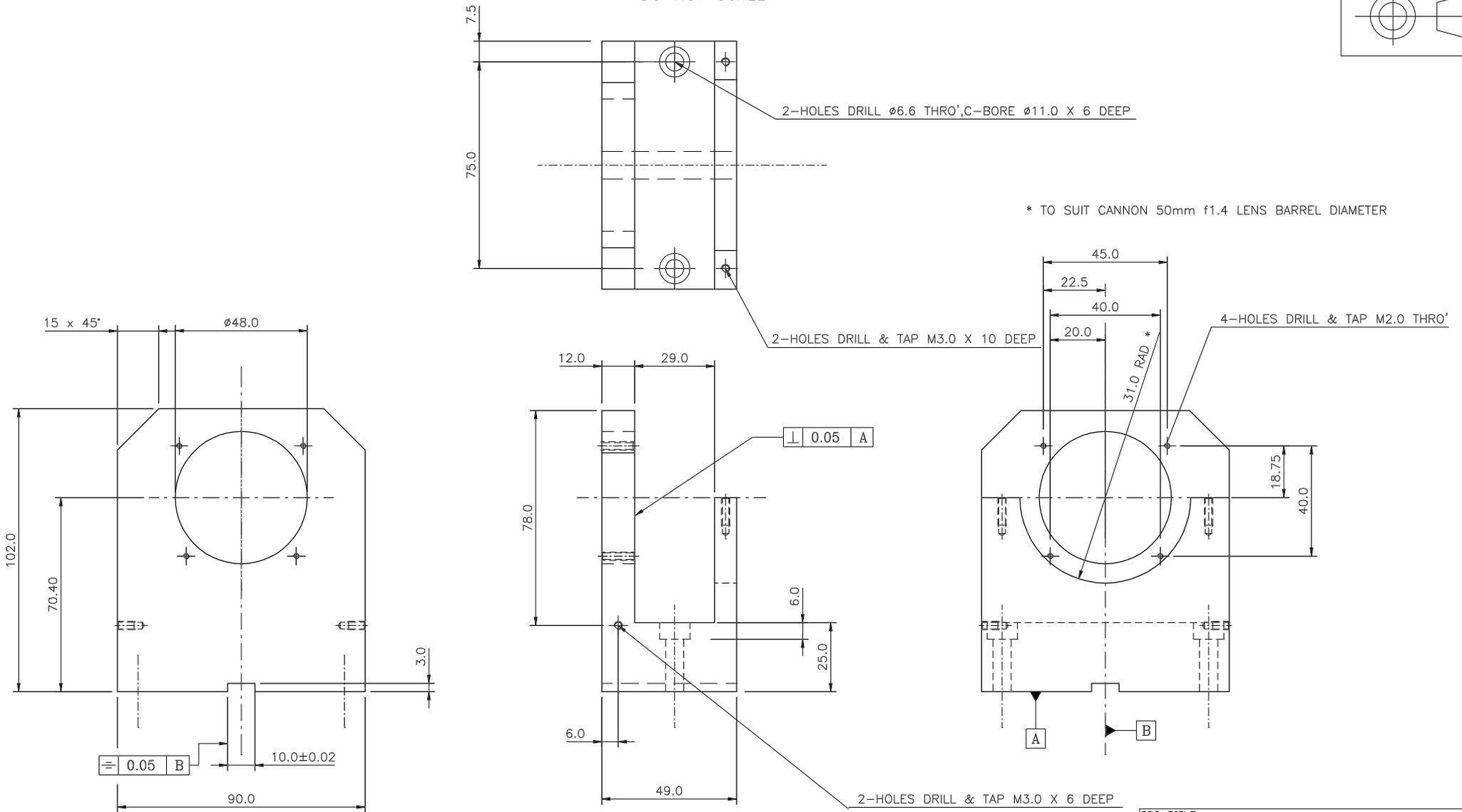
ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED			
IMPLIED TOLERANCES		Material:	
	X (OVER 100) $\pm 0.20$	AL ALLOY	
	X (UP TO 100) $\pm 0.1$	Quantity: 2 OFF	
	X.X $\pm 0.10$		
	X.XX $\pm 0.05$		
ISSUE	REVISION	DRN	DATE



THIRD ANGLE PROJECTION



DO NOT SCALE



FINISH - MACHINE ALL OVER, ANODISE MATT BLACK

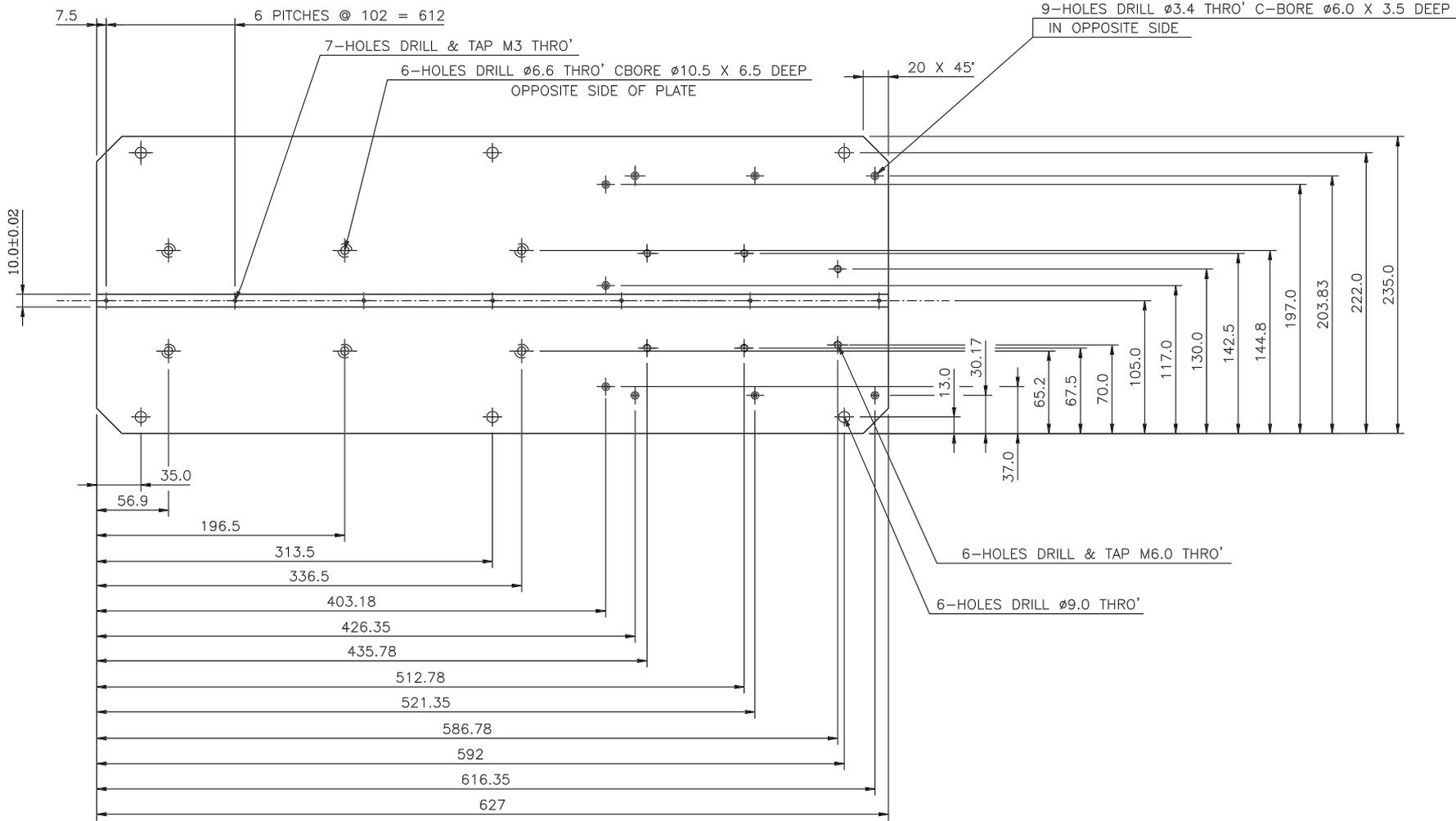
DRG. TITLE: <b>LENS MOUNTING BRKT - WESTINGHOUSE INTERFACE</b>	
SCALES: <b>1:1</b>	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DH1 1LE TEL. (091) 374 2107 & 2108
DRG. TYPE: PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP.
DRAWN BY: G.D	DRG. SIZE <b>A2</b>
DATE 17/03/94	DRAWING No. <b>AF2\WIF-02</b>
Material: <b>AL ALLOY</b>	REV. <b>A</b>
Quantity: 1 OFF	

ISSUE	REVISION	DRN	DATE	ISSUE	REVISION	DRN	DATE

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED	
IMPLIED TOLERANCES	
X (OVER 100)	±0.20
X (UP TO 100)	±0.1
X.X	±0.10
X.XX	±0.05

DO NOT SCALE

THIRD ANGLE PROJECTION



FINISH - ANODISE MATT BLACK

DRG. TITLE:		<b>BASE PLATE - WESTINGHOUSE INTERFACE</b>	
SCALES:		<b>1:2.5</b>	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DH1 1LE TEL. (091) 374 2107 & 2108
DRG. TYPE:		PARTS	DRG. SIZE <b>A2</b>
DRAWN BY:		G.D	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP.
DATE:		19/04/94	DRAWING No. <b>AF2\WIF-01</b>
MATERIAL:		<b>AL TOOL PLATE</b>	REV. <b>B</b>
IMPLIED TOLERANCES		Quantity: 1 OFF	

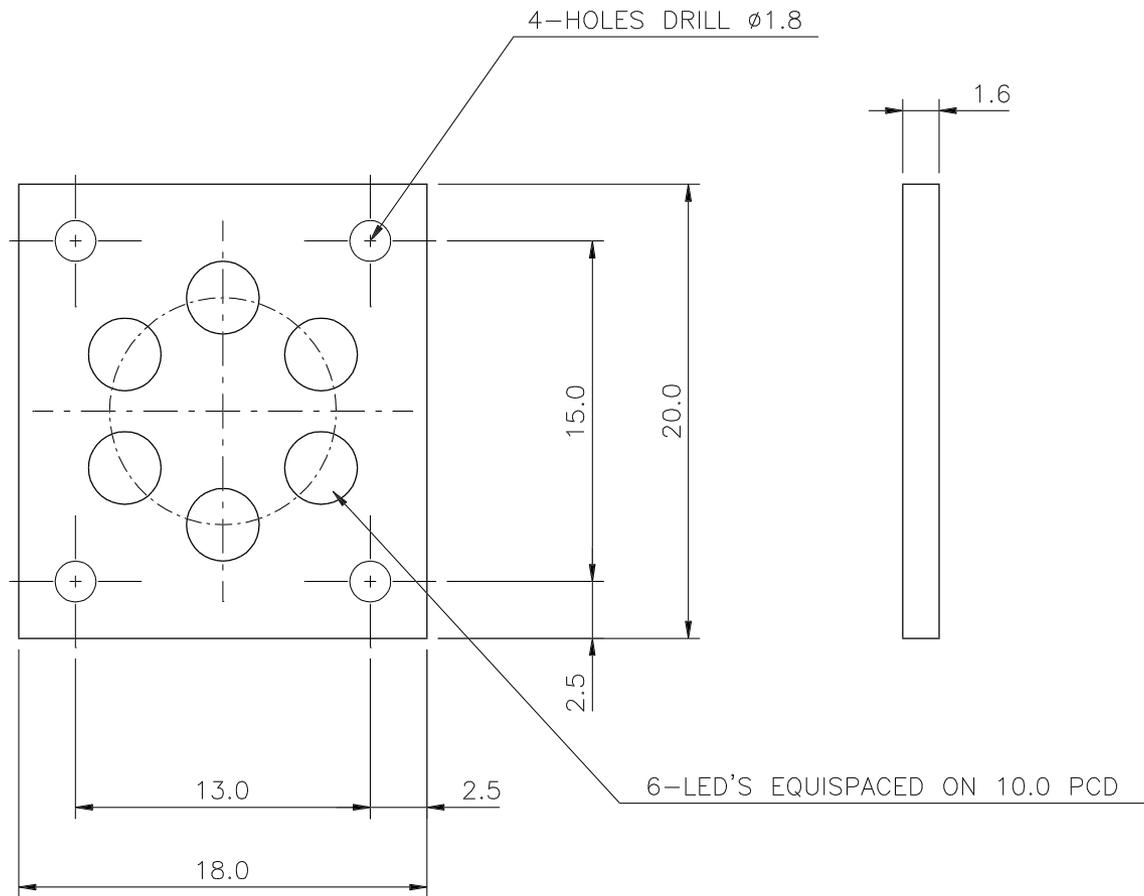
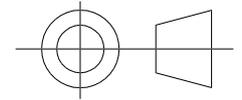
ISSUE	REVISION	DRN	DATE	ISSUE	REVISION	DRN	DATE

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED

IMPLIED TOLERANCES  
 X (OVER 100) ±0.20  
 X (UP TO 100) ±0.1  
 X.X ±0.10  
 X.XX ±0.05

DO NOT SCALE

THIRD ANGLE PROJECTION

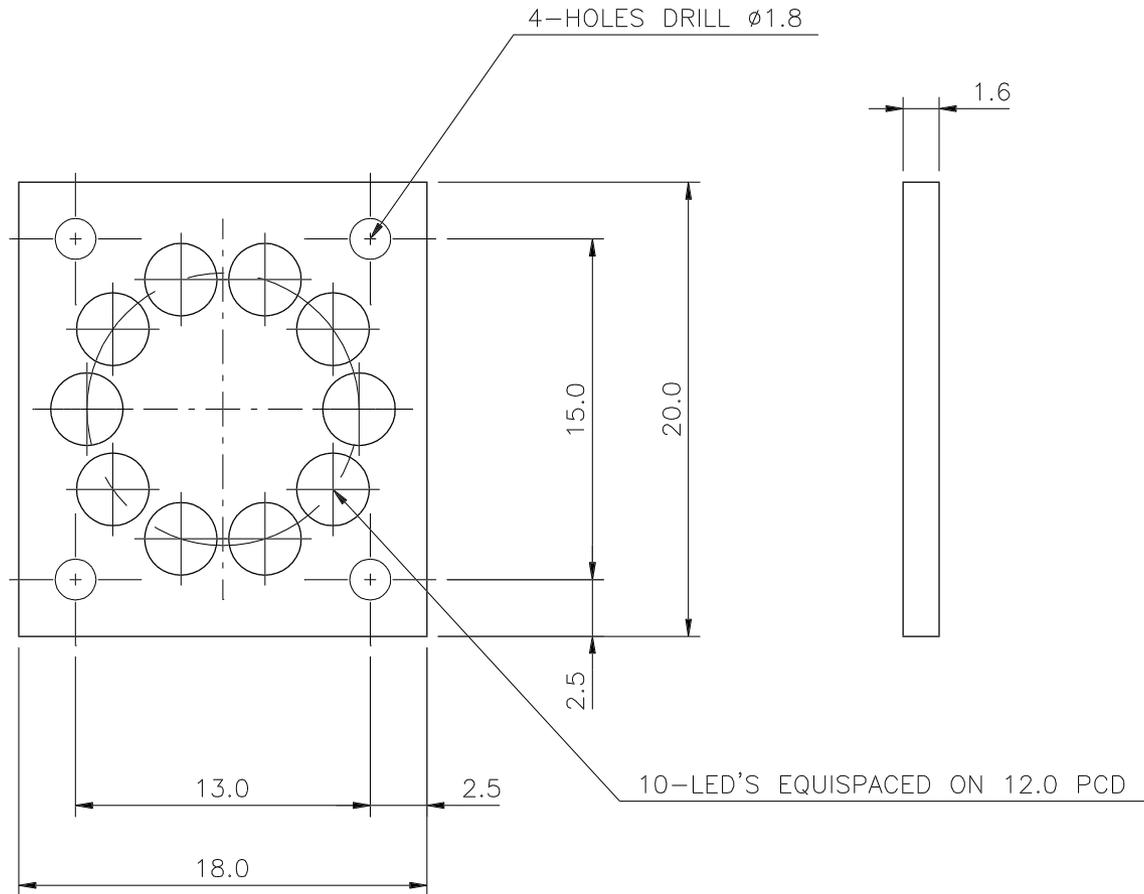
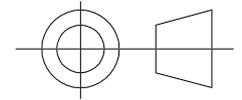


DRG. TITLE:		L.E.D PRINTED CIRCUIT BOARD	
SCALES:		4:1	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DHI 3LE TEL. (091) 374 2107 & 2108
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DRAWN BY:		G.D	
DATE		5/5/95	DRAWING No.
ISSUE		REVISION	DRG. SIZE A3

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED			
IMPLIED TOLERANCES		Material:	
	X (OVER 100) ±0.20	Quantity: 1 OFF	
	X (UP TO 100) ±0.1		
	X.X ±0.10		
	X.XX ±0.05		
ISSUE	REVISION	DRN	DATE

DO NOT SCALE

THIRD ANGLE PROJECTION



DRG. TITLE:		L.E.D PRINTED CIRCUIT BOARD	
SCALES:		4:1	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DH1 3LE TEL. (091) 374 2107 & 2108
DRG. TYPE:		PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP
DRAWN BY:		G.D	
DATE		18/04/94	DRAWING No.
ISSUE		REVISION	DRG. SIZE A3
DRN	DATE	REV.	A

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED

IMPLIED TOLERANCES  
 X (OVER 100) ±0.20  
 X (UP TO 100) ±0.1  
 X.X ±0.10  
 X.XX ±0.05

Material:

Quantity: 1 OFF