

7	2	BS 4464 - M4 Form A	Spring Washer
6	2	BS 4168 - M4 x 25	Hexagon Socket Head Cap Screw
5	2	BS 4168 - M3 x 10	Hexagon Socket Head Cap Screw
4	2	BS 4464 - M3 Form A	Spring Washer
3	1	GLAS-3-005 r1	Cover clamp top
2	1	GLAS-3-004 r2	Cover clamp
1	1	GLAS-3-000a r2	Cover Weldment
ITEM	QTY	PART NUMBER	DESCRIPTION

UNLESS OTHERWISE STATED
 All dimensions in mm
 General Tol: ± 0.1
 Angular Tol: ± 0.25
 Surface Finish (microns): 3.2
 REMOVE ALL SHARP EDGES
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Material

Finish

Drawn by
 jolley

Date
 29/09/2005

Revision
 2

Isaac Newton Group of Telescopes
 Apartado de Correos, 321
 Santa Cruz de La Palma
 +34 922 425 400

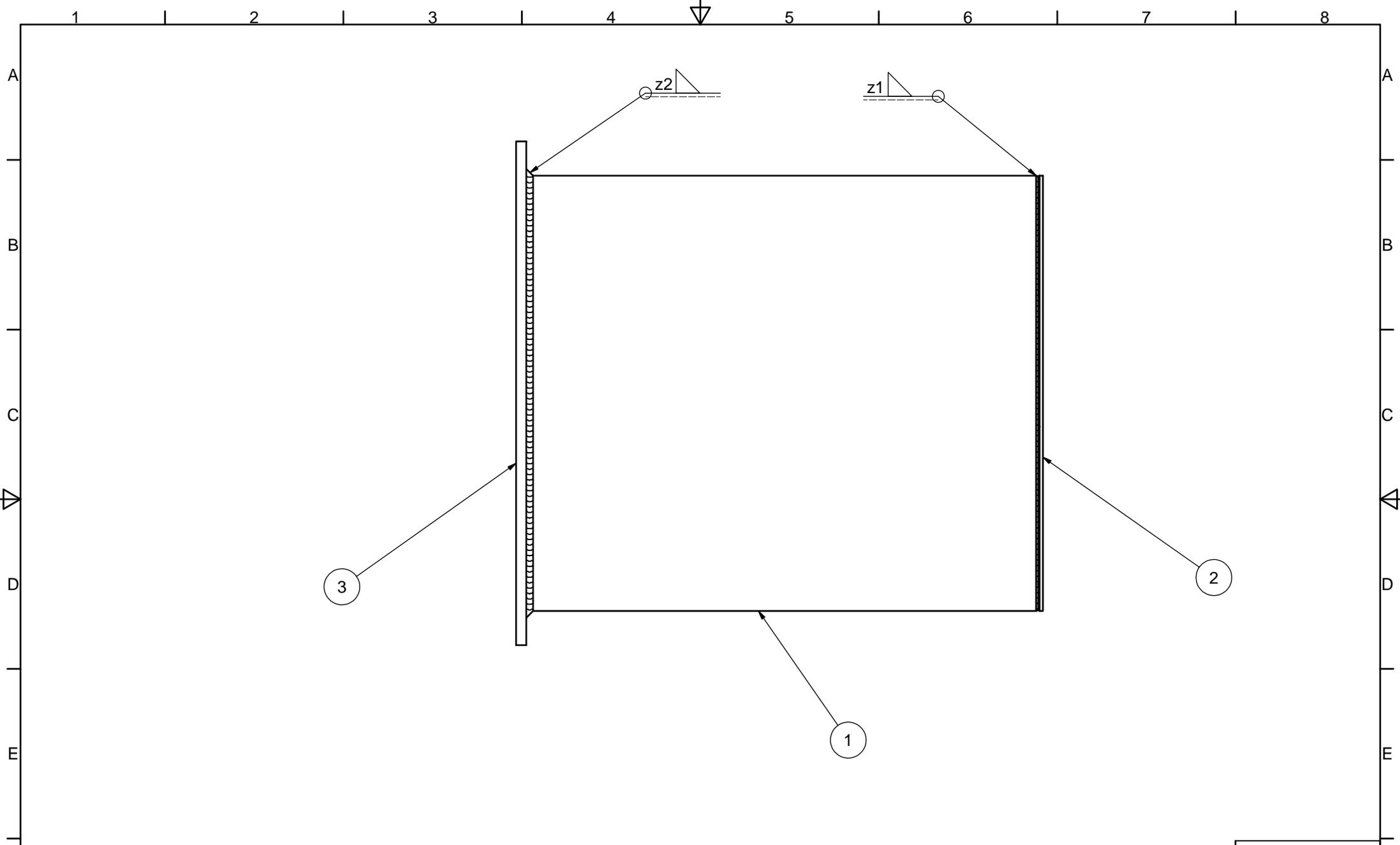
Astatic Counterweight Cover Assy

Part Number
 GLAS-3-000 r2

A3

Sheet
 1 / 1





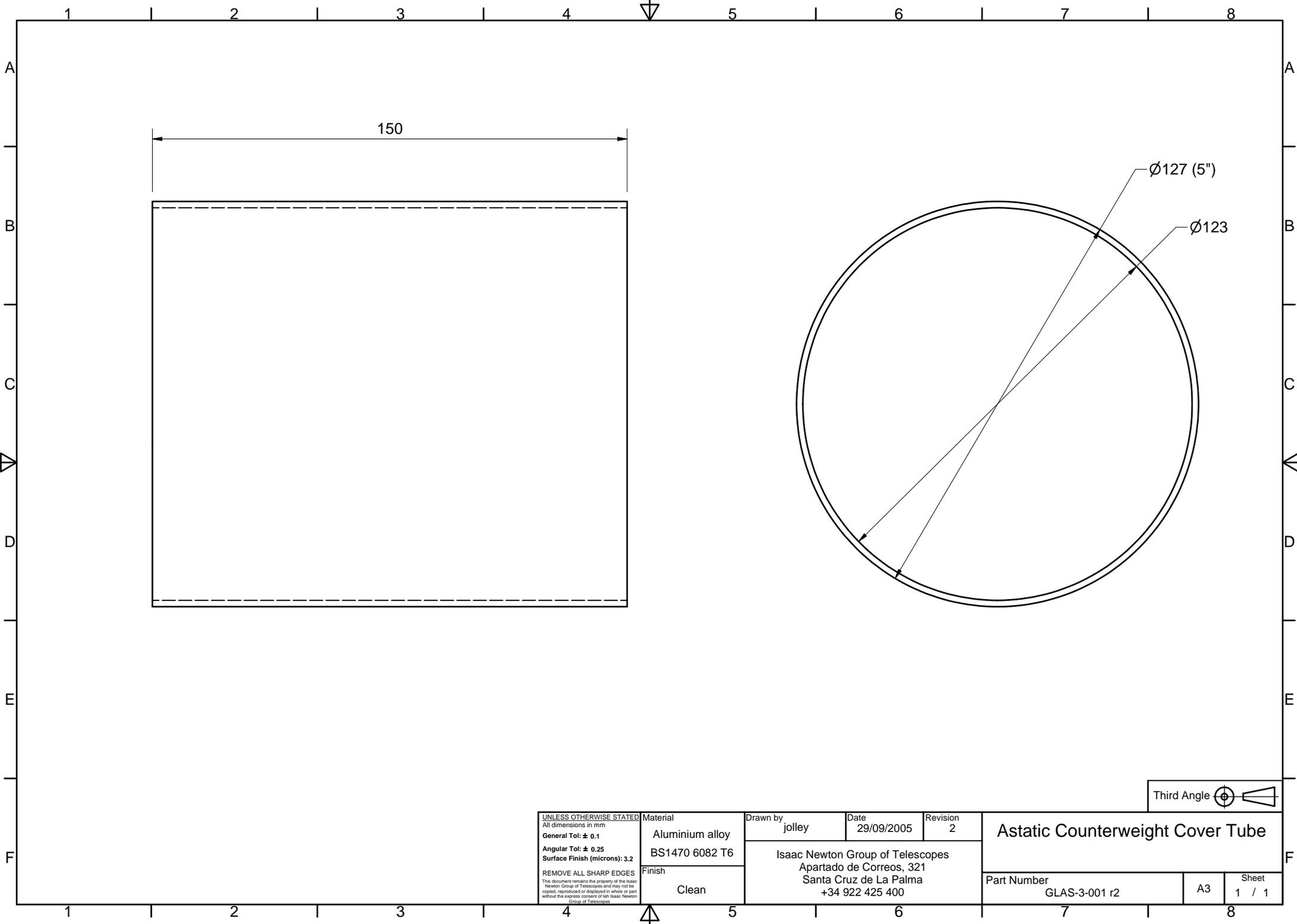
3	1	GLAS-3-003 r1	flange
2	1	GLAS-3-002 r1	End cap
1	1	GLAS-3-001 r2	Tube
ITEM	QTY	PART NUMBER	DESCRIPTION

<small>UNLESS OTHERWISE STATED</small> All dimensions in mm General Tol: ± 0.1 Angular Tol: ± 0.25 Surface Finish (microns): 3.2 REMOVE ALL SHARP EDGES <small>This document remains the property of the Isaac Newton Group of Telescopes and may not be copied, reproduced or displayed in whole or part without the express consent of the Isaac Newton Group of Telescopes</small>	Material
	Finish
	Matt white paint

Drawn by jolley	Date 29/09/2005	Revision 2
Isaac Newton Group of Telescopes Apartado de Correos, 321 Santa Cruz de La Palma +34 922 425 400		

Astatic Counterweight Cover Weldment		
Part Number GLAS-3-000a r2	A3	Sheet 1 / 1





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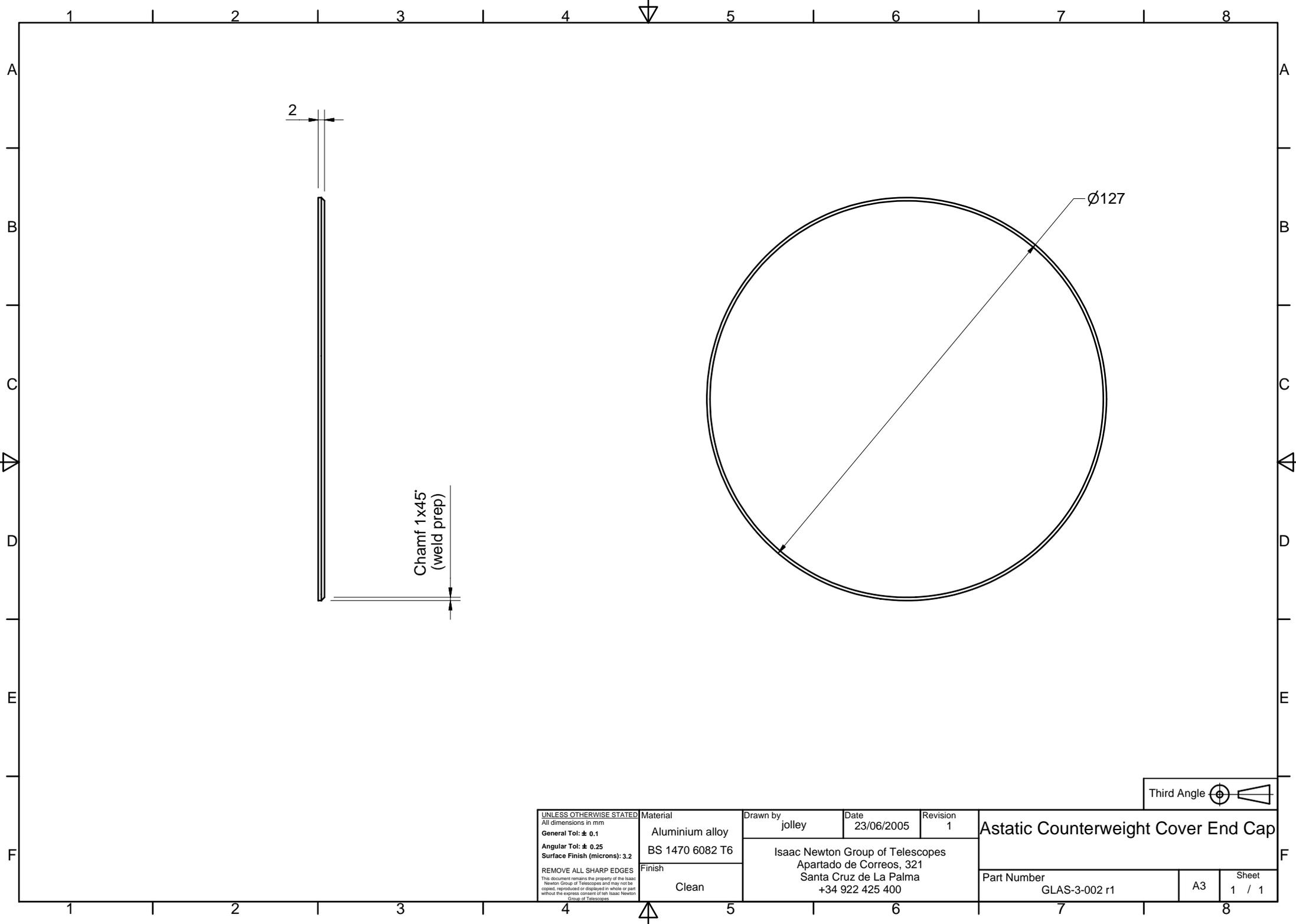
Material
 Aluminium alloy
 BS1470 6082 T6
 Finish
 Clean

Drawn by
 jolley
 Isaac Newton Group of Telescopes
 Apartado de Correos, 321
 Santa Cruz de La Palma
 +34 922 425 400

Date
 29/09/2005
 Revision
 2

Astatic Counterweight Cover Tube
 Part Number
 GLAS-3-001 r2
 A3
 Sheet
 1 / 1





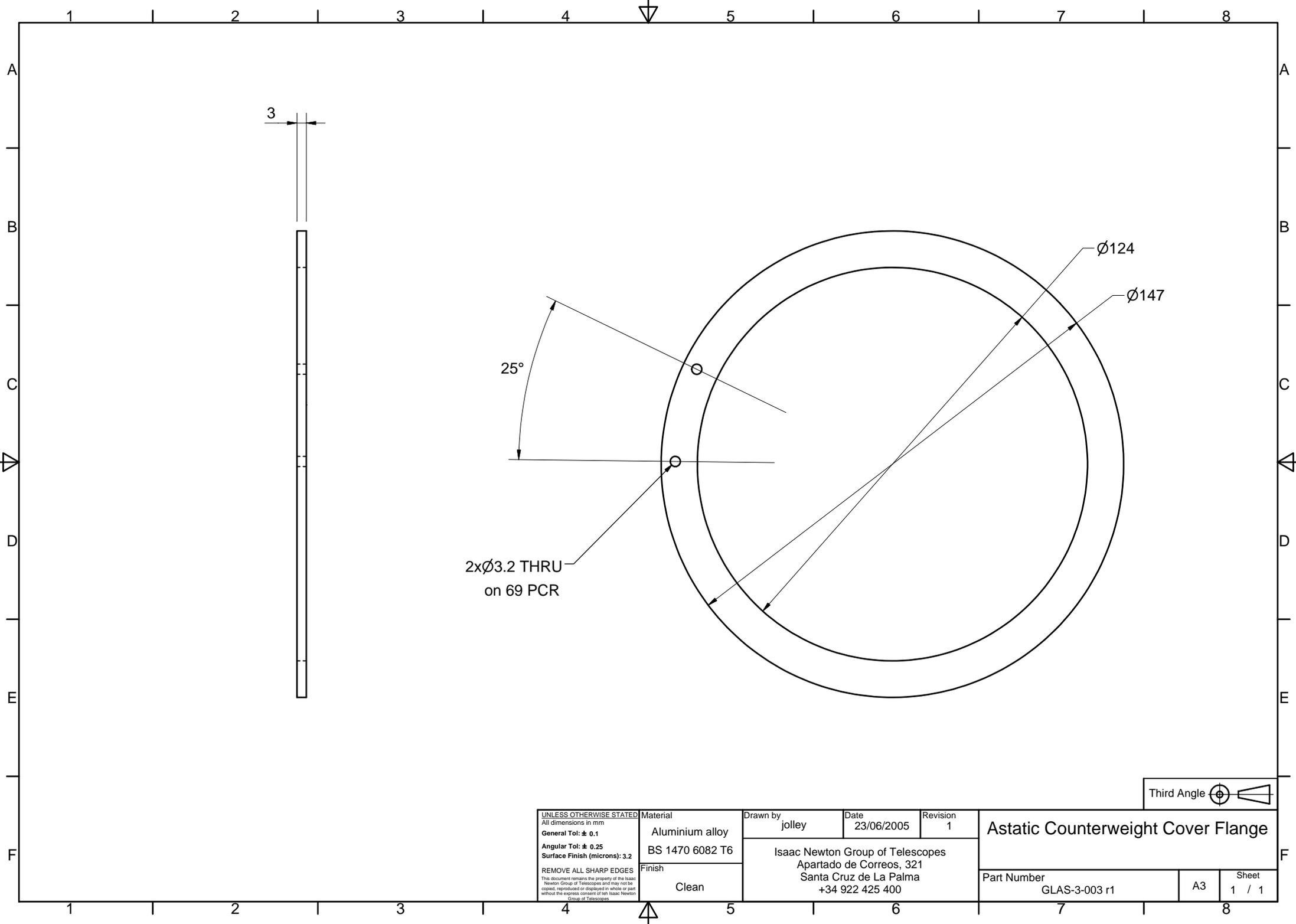
2

Ø127

Chamf 1x45°
(weld prep)



<small>UNLESS OTHERWISE STATED</small> All dimensions in mm General Tol: ± 0.1 Angular Tol: ± 0.25 Surface Finish (microns): 3.2 REMOVE ALL SHARP EDGES <small>This document remains the property of the Isaac Newton Group of Telescopes and may not be copied, reproduced or displayed in whole or part without the express consent of the Isaac Newton Group of Telescopes</small>	Material	Drawn by	Date	Revision	Astatic Counterweight Cover End Cap		
	Aluminium alloy BS 1470 6082 T6	jolley	23/06/2005	1			
Finish	Isaac Newton Group of Telescopes Apartado de Correos, 321 Santa Cruz de La Palma +34 922 425 400			Part Number	Sheet		
Clean				GLAS-3-002 r1	A3	1 / 1	



3

25°

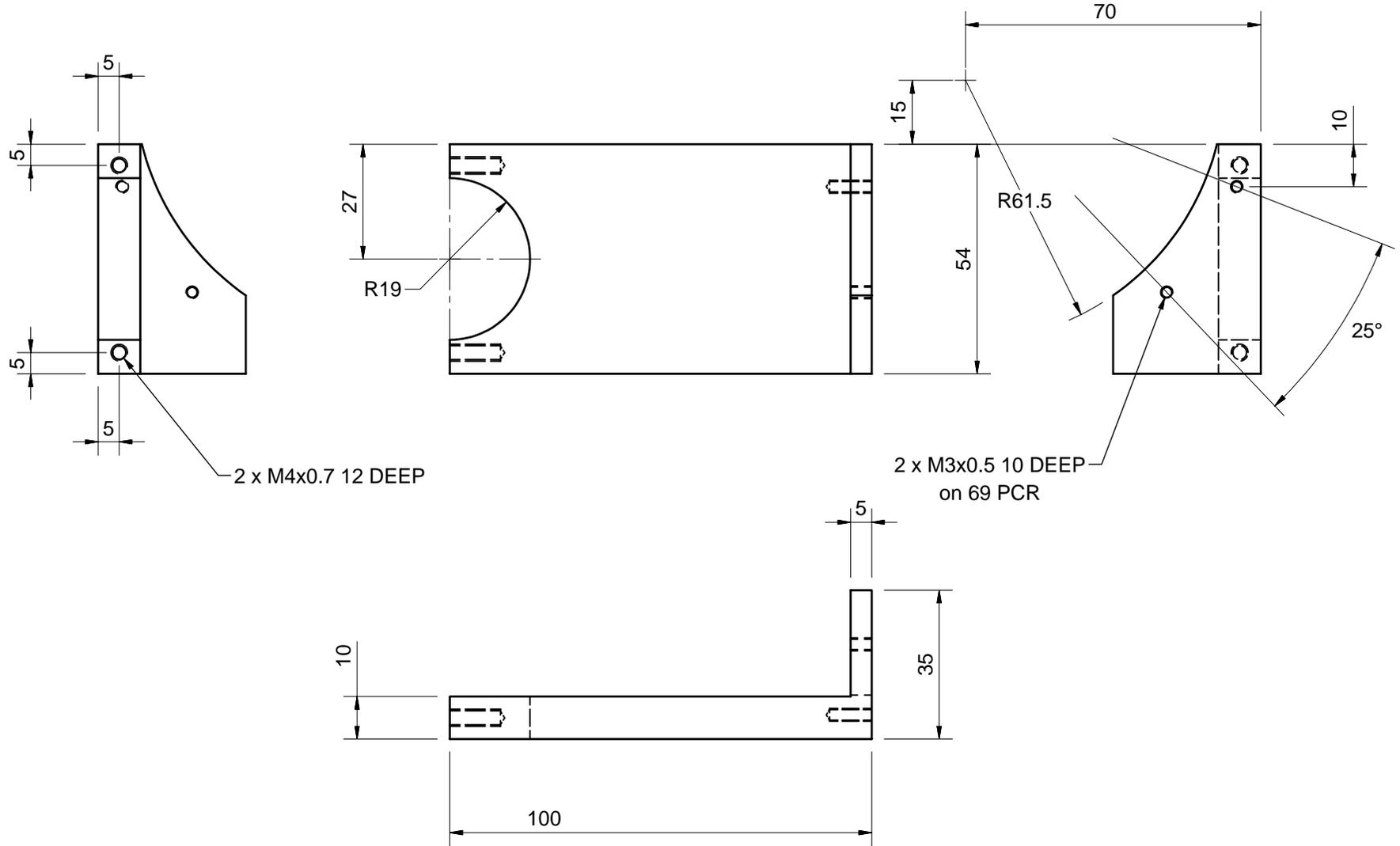
Ø124

Ø147

2xØ3.2 THRU
on 69 PCR

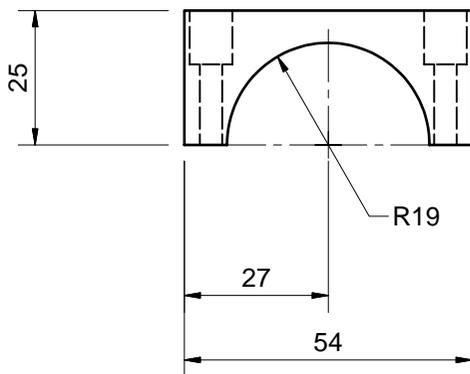
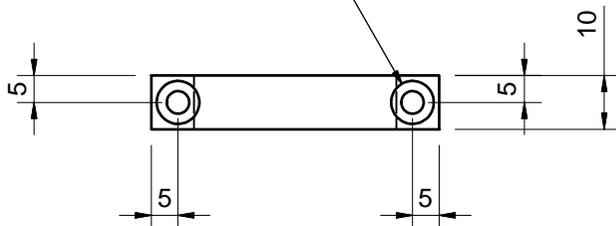
Third Angle

<small>UNLESS OTHERWISE STATED</small> All dimensions in mm General Tol: ± 0.1 Angular Tol: ± 0.25 Surface Finish (microns): 3.2 REMOVE ALL SHARP EDGES <small>This document remains the property of the Isaac Newton Group of Telescopes and may not be copied, reproduced or displayed in whole or part without the express consent of the Isaac Newton Group of Telescopes</small>	Material	Drawn by	Date	Revision	Astatic Counterweight Cover Flange		
	Aluminium alloy BS 1470 6082 T6	jolley	23/06/2005	1			
Finish	Isaac Newton Group of Telescopes Apartado de Correos, 321 Santa Cruz de La Palma +34 922 425 400			Part Number	Sheet		
Clean				GLAS-3-003 r1	A3	1 / 1	



<p>UNLESS OTHERWISE STATED All dimensions in mm General Tol: ± 0.1 Angular Tol: ± 0.25 Surface Finish (microns): 3.2 REMOVE ALL SHARP EDGES <small>This document remains the property of the Isaac Newton Group of Telescopes and may not be copied, reproduced or displayed in whole or part without the express consent of the Isaac Newton Group of Telescopes</small></p>	Material	Drawn by	Date	Revision	<p>Astatic Counterweight Cover Clamp</p>		
	Aluminium alloy BS1470 6082 T6	jolley	29/09/2005	2			
	Finish	Isaac Newton Group of Telescopes Apartado de Correos, 321 Santa Cruz de La Palma +34 922 425 400			Part Number	Sheet	
Matt white paint				GLAS-3-004 r2	A3	1 / 1	

2 x Ø4.2 CBORE
Ø8 x 10 DEEP



Third Angle

UNLESS OTHERWISE STATED
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General Tol: ± 0.1
Angular Tol: ± 0.25
Surface Finish (microns): 3.2
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Material
Aluminium alloy
BS1470 6082 T6
Finish
Matt white paint

Drawn by
jolley
Date
23/06/2005
Revision
1
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Santa Cruz de La Palma
+34 922 425 400

Astatic Counterweight Cover Clamp
Top
Part Number
GLAS-3-005 r1
A3
Sheet
1 / 1