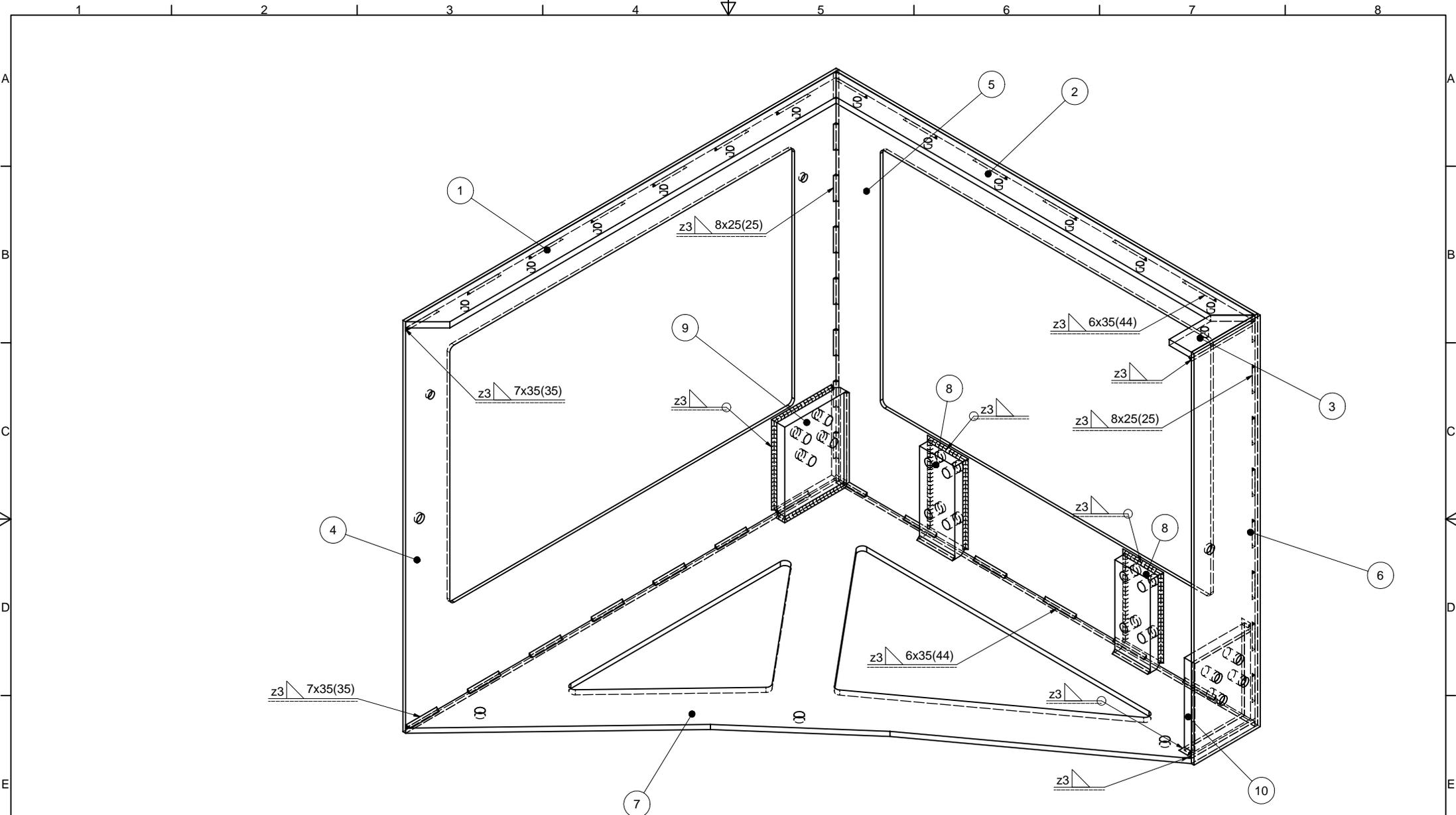


Note: Weld all 5 tabs in place after assembly onto telescope.

(1 : 2)

7	5	BS 3692 - M8 x 20	Hexagon Head Screw
6	5	BS 3692 - M8	Hex Nut
5	5	BS 4464 - M8 Form A	Spring Washer
4	1	GLAS-2-012 r2	Box RHS tab
3	1	GLAS-2-011 r2	Box LHS tab
2	3	GLAS-2-013 r2	Box tab
1	1	GLAS-2-000a r2	Support box weldment
ITEM	QTY	PART NUMBER	DESCRIPTION

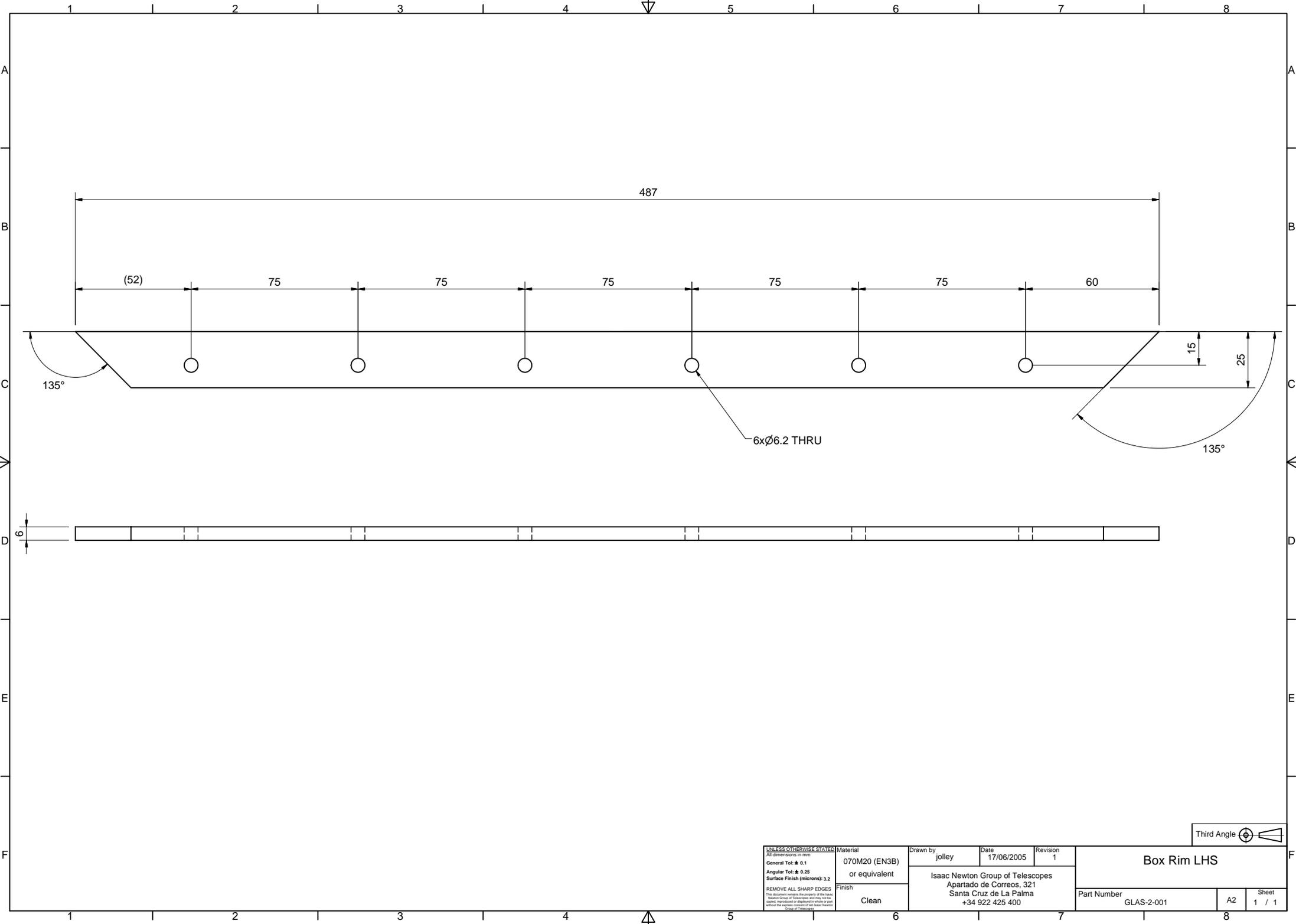
<small>UNLESS OTHERWISE STATED: All dimensions in mm General Tol: ± 0.1 Angular Tol: ± 0.25 Surface Finish (microns): 3.2</small>	Material	Drawn by jolley	Date 17/06/2005	Revision 2		
	Finish	Isaac Newton Group of Telescopes Apartado de Correos, 321 Santa Cruz de La Palma +34 922 425 400				
<b>Support Box Assembly</b>					Part Number	Sheet
					GLAS-2-000 r2	A2 1 / 1



(1 : 2)

10	1	GLAS-2-010 r1	Box RHS support block
9	1	GLAS-2-009 r1	Box LHS support block
8	2	GLAS-2-008 r1	Box astatic support block
7	1	GLAS-2-007 r1	Box base
6	1	GLAS-2-006 r1	Box RHS
5	1	GLAS-2-005 r1	Box front
4	1	GLAS-2-004 r2	Box LHS
3	1	GLAS-2-003 r1	Box rim RHS
2	1	GLAS-2-002 r1	Box rim front
1	1	GLAS-2-001 r1	Box rim LHS
ITEM	QTY	PART NUMBER	DESCRIPTION

<small>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 contains the property of the Isaac Newton Group of Telescopes and may not be copied, reproduced or distributed in whole or in part without the written consent of the Isaac Newton Group of Telescopes.</small></small>	Material	Drawn by jolley	Date 17/06/2005	Revision 2	
	Finish Matt white paint	Isaac Newton Group of Telescopes Apartado de Correos, 321 Santa Cruz de La Palma +34 922 425 400			
Part Number GLAS-2-000a r2				A2	Sheet 1 / 1



487

(52)

75

75

75

75

75

60

135°

135°

6xØ6.2 THRU

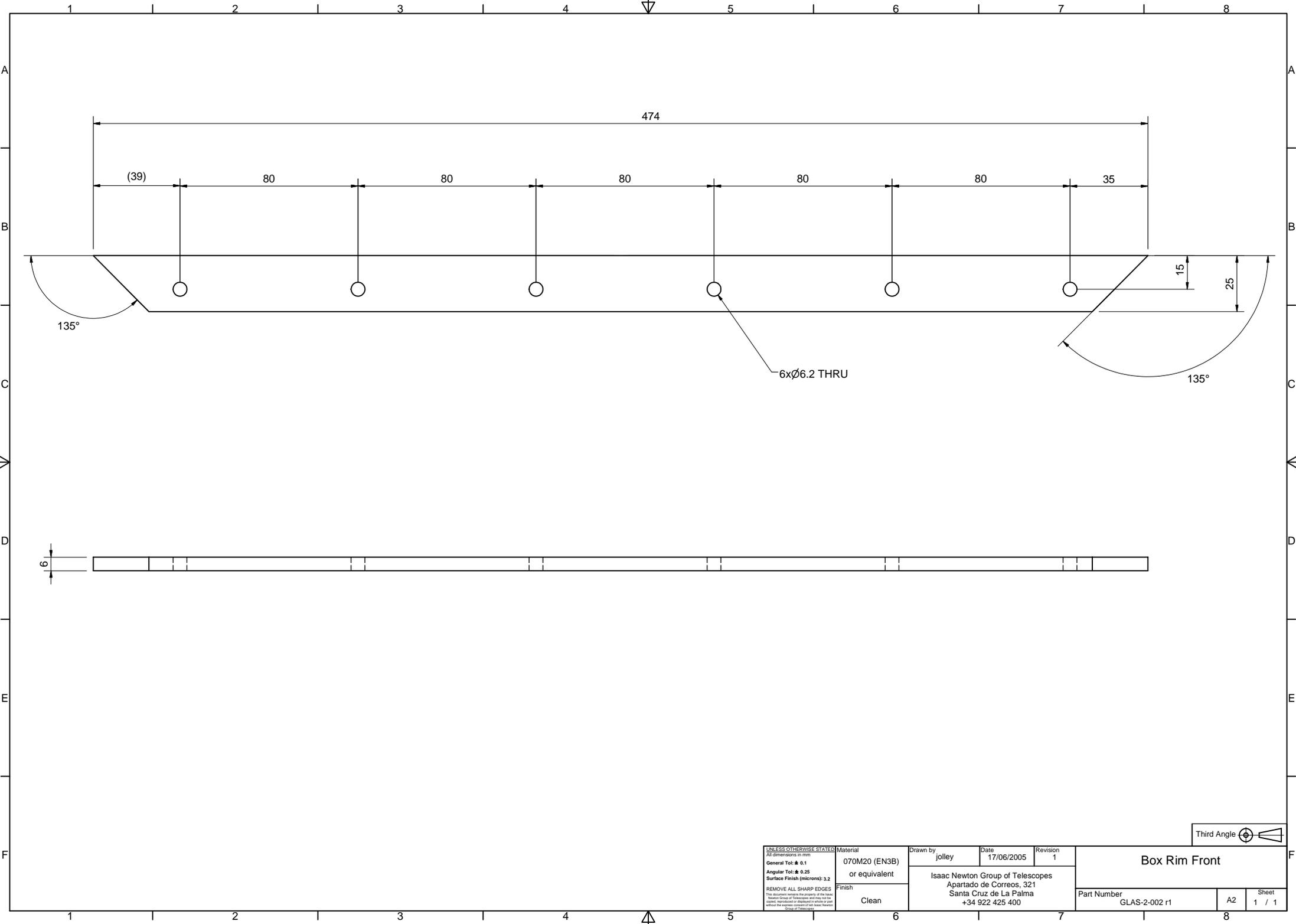
15

25

6



<small>UNLESS OTHERWISE STATED:          All dimensions in mm          General Tol: <math>\pm 0.1</math>          Angular Tol: <math>\pm 0.25</math>          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 disclosed in whole or in part without the written consent of the Isaac Newton Group of Telescopes.</small> </small>	Material	Drawn by	Date	Revision	<b>Box Rim LHS</b>	
	070M20 (EN3B) or equivalent	jolley	17/06/2005	1		
	Finish	Isaac Newton Group of Telescopes Apartado de Correos, 321 Santa Cruz de La Palma +34 922 425 400			Part Number	Sheet
Clean	6	7	8	GLAS-2-001	A2	1 / 1



474

(39)

80

80

80

80

80

35

135°

15

25

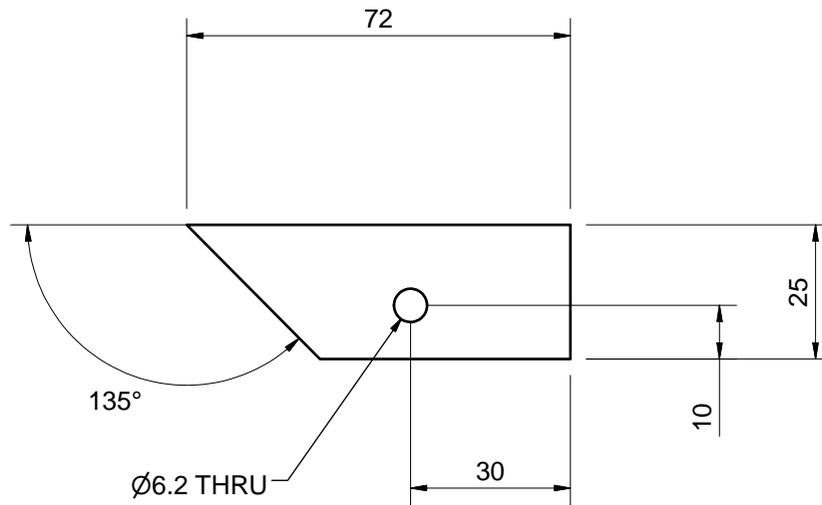
135°

6xØ6.2 THRU

6

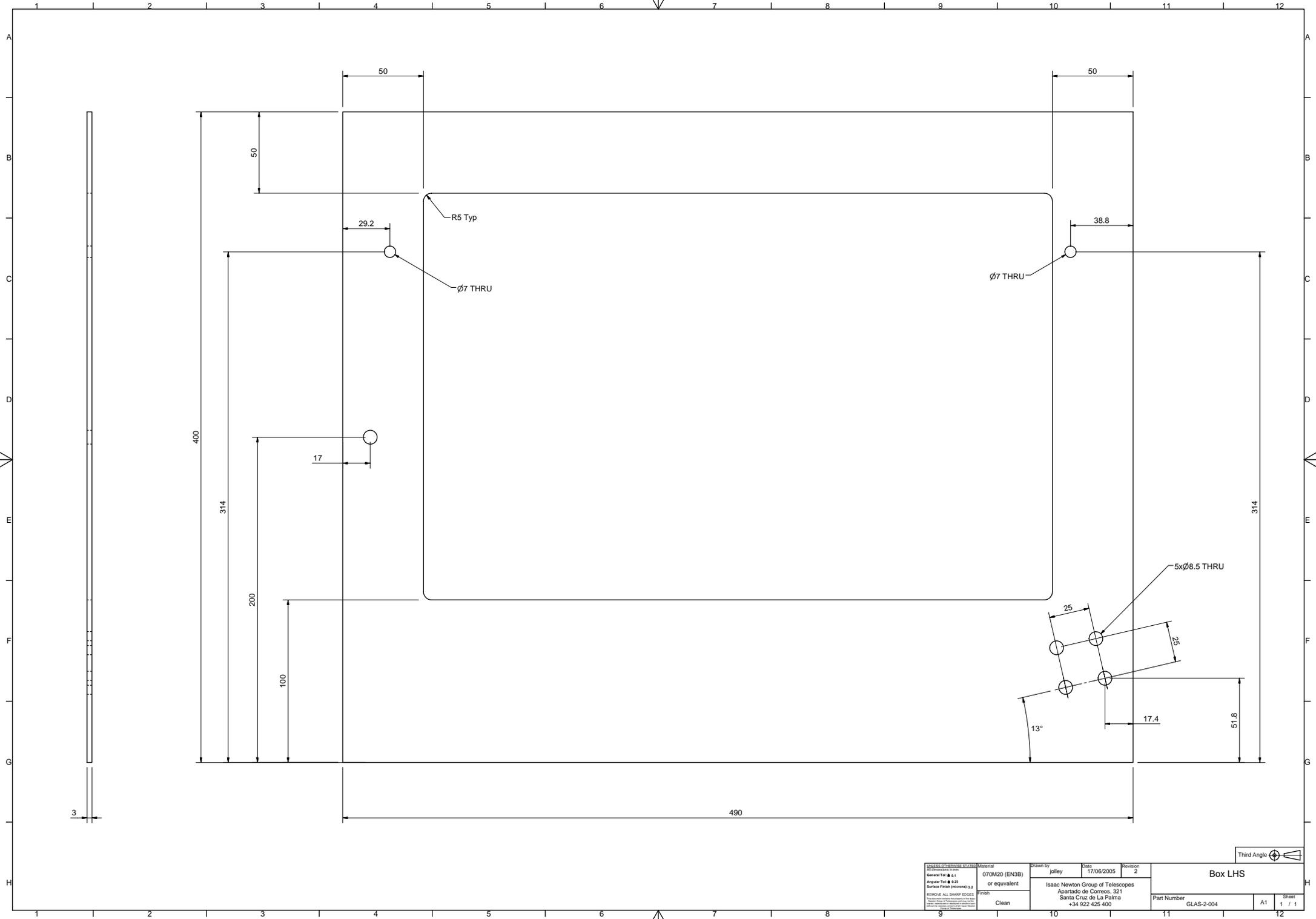


<small>UNLESS OTHERWISE STATED:          All dimensions in mm          General Tol: <math>\pm 0.1</math>          Angular Tol: <math>\pm 0.25</math>          Surface Finish (microns): 3.2          REMOVE ALL SHARP EDGES  <small>This document remains the property of the Isaac Newton Group of Telescopes and may not be copied, reproduced or distributed in whole or in part without the written consent of the Isaac Newton Group of Telescopes.</small> </small>	Material	Drawn by	Date	Revision	<b>Box Rim Front</b>	
	070M20 (EN3B) or equivalent	jolley	17/06/2005	1		
	Finish	Isaac Newton Group of Telescopes Apartado de Correos, 321 Santa Cruz de La Palma +34 922 425 400			Part Number	Sheet
Clean	6	7	8	GLAS-2-002 r1	A2	1 / 1



Third Angle

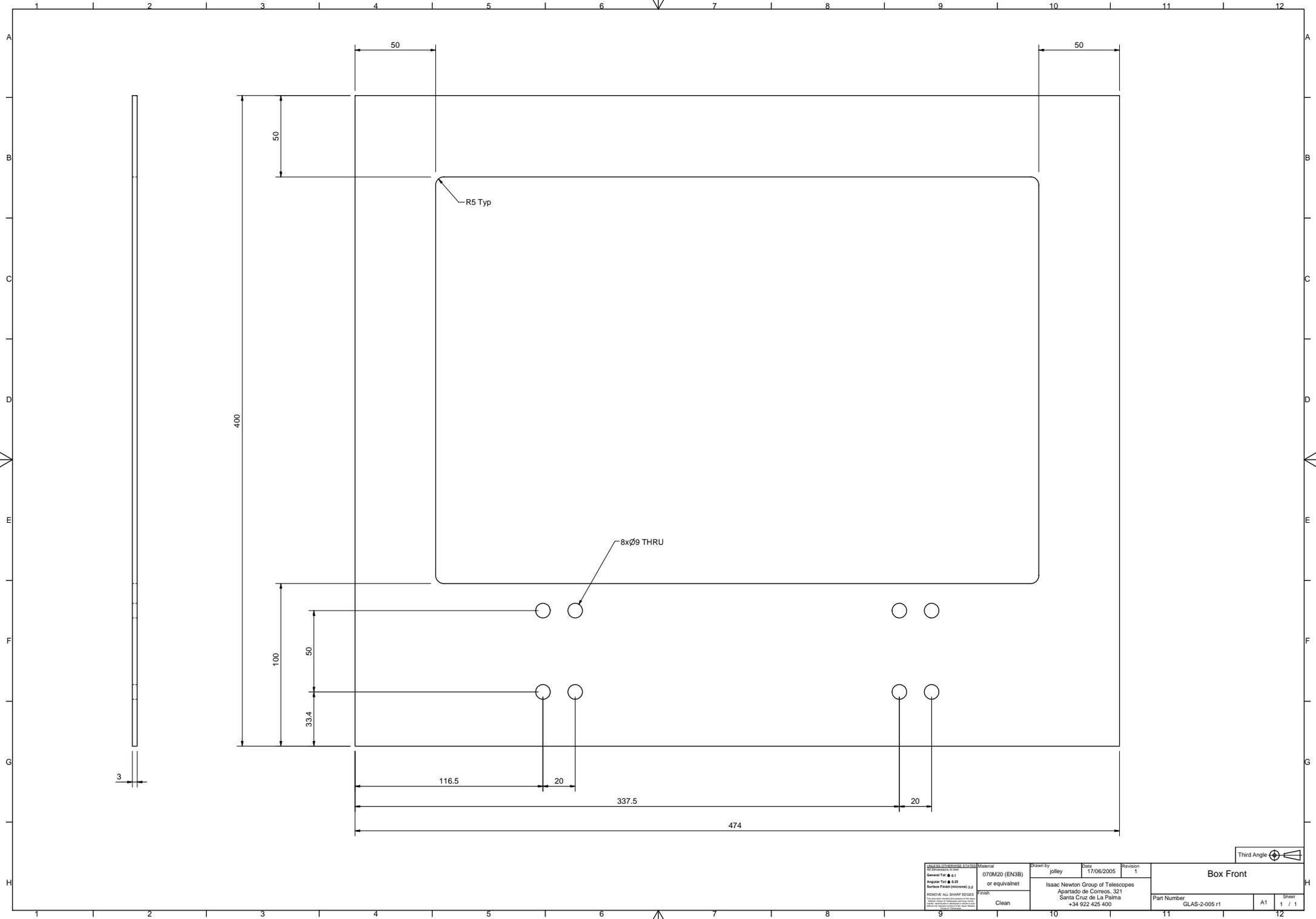
<small>UNLESS OTHERWISE STATED</small> All dimensions in mm General Tol: $\pm 0.1$ Angular Tol: $\pm 0.25$ Surface Finish (microns): 3.2 REMOVE ALL SHARP EDGES <small>This document remains the property of the Isaac Newton Group of Telescopes and may not be copied, reproduced or displayed in whole or part without the express consent of the Isaac Newton Group of Telescopes</small>	Material	Drawn by	Date	Revision	<h2 style="text-align: center;">Box Rim RHS</h2>		
	070M20 (EN3B) or equivalent	jolley	17/06/2005	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-2-003 r1	A3	1 / 1	



070M20 (EN5B) or equivalent Surface Finish (per ISO 130): 3.2 Finish: Clean	Material: 070M20 (EN5B) or equivalent Drawn by: jolley Date: 17/06/2005 Revision: 2 Isaac Newton Group of Telescopes Apartado de Correos, 321 Santa Cruz de La Palma +34 922 425 400	Part Number: GLAS-2-004 A1 Sheet: 1 / 1
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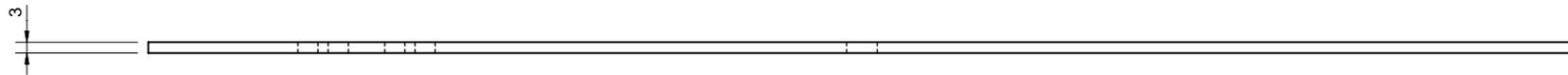
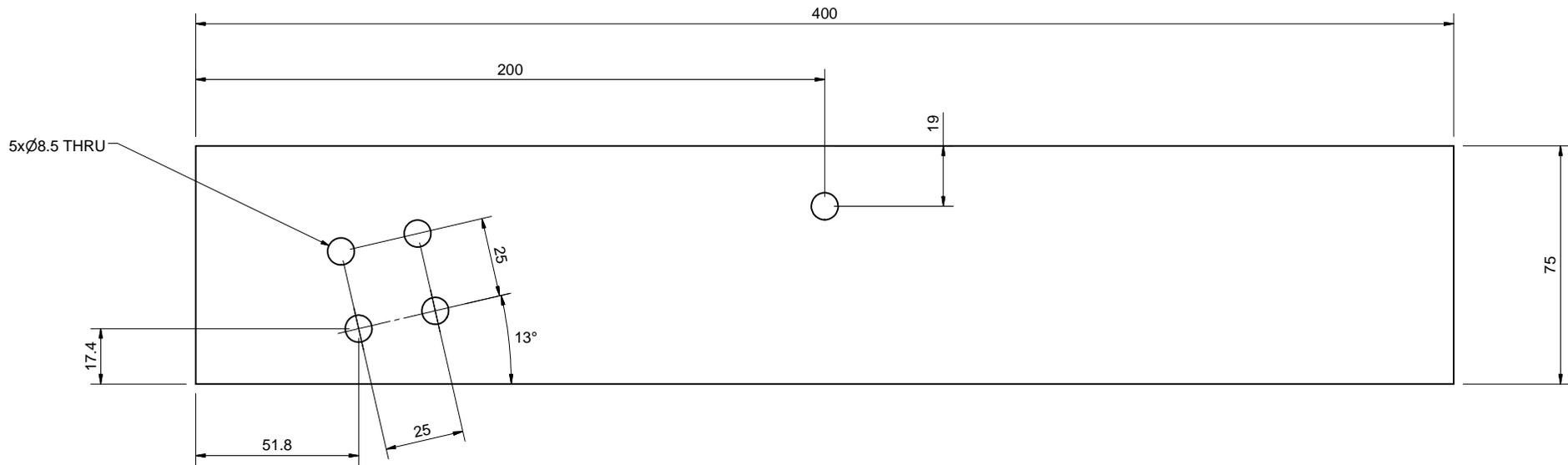
Box LHS



<b>070M20 (ENSB)</b> or equivalent		Drawn by jolley	Date 17/06/2005	Revision 1
Material 070M20 (ENSB) or equivalent		Isaac Newton Group of Telescopes Apartado de Correos, 321 Santa Cruz de La Palma +34 922 425 400		
Finish Clean		Part Number GLAS-2-005-r1		Sheet 1 / 1

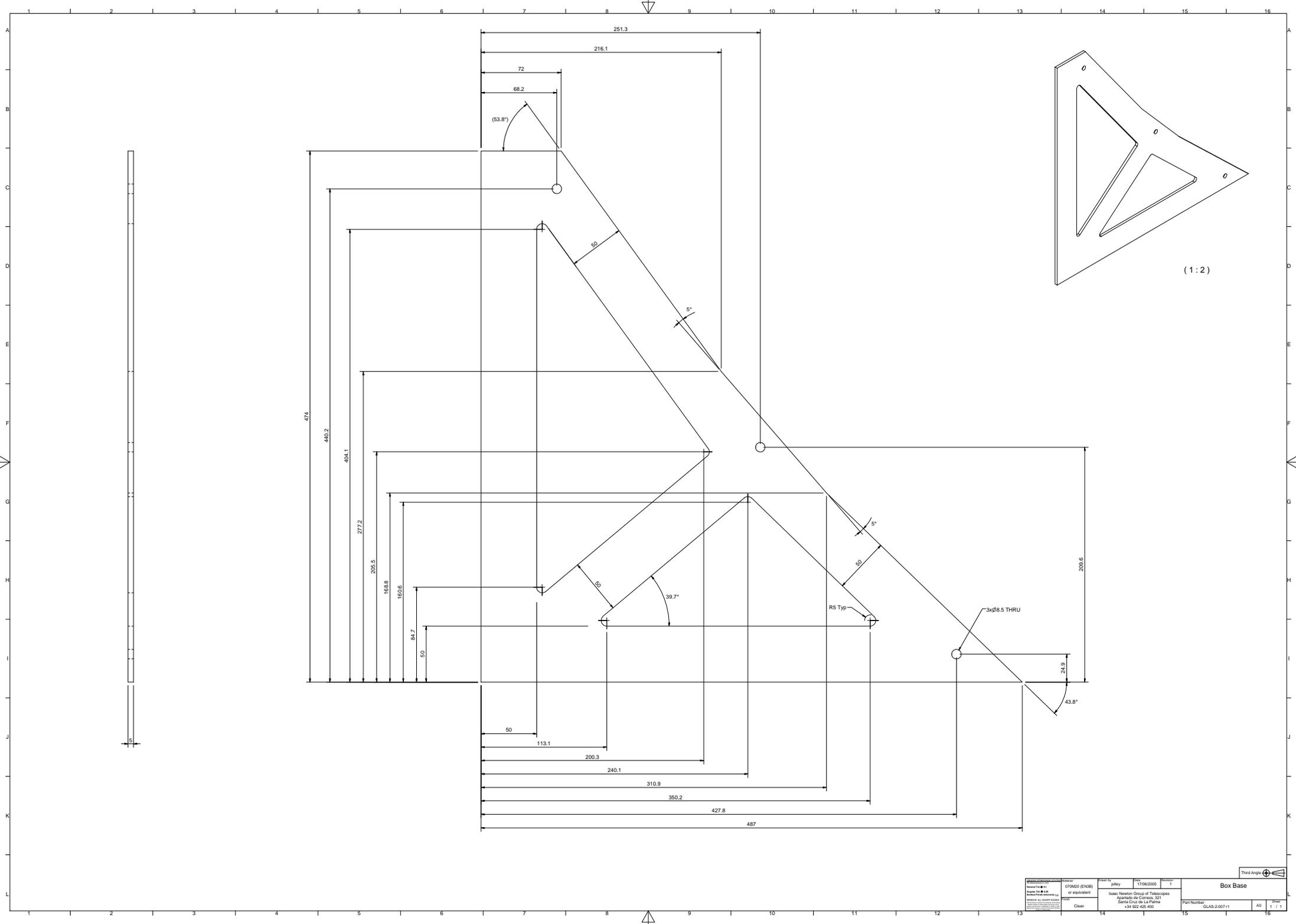
Box Front





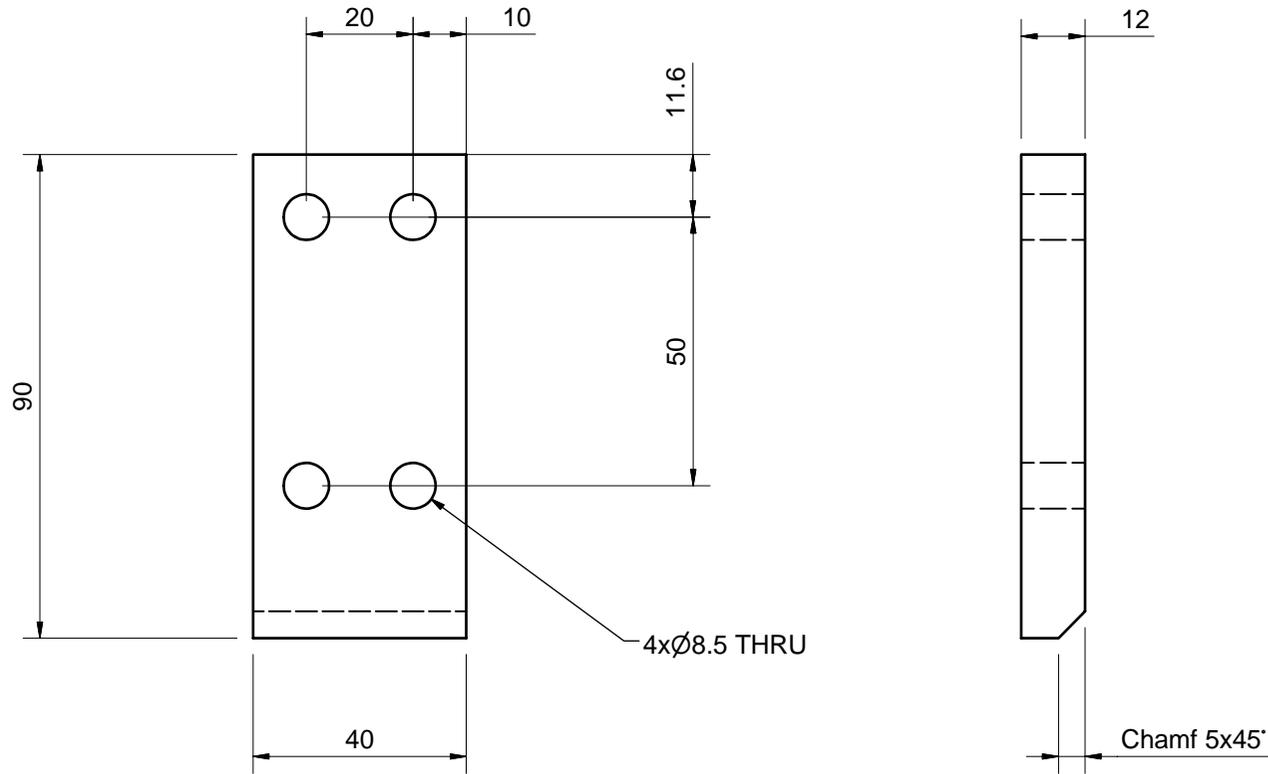
Third Angle

<small>UNLESS OTHERWISE STATED: All dimensions in mm General Tol: <math>\pm 0.1</math> Angular Tol: <math>\pm 0.25</math> 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 distributed in whole or in part without the written consent of the Isaac Newton Group of Telescopes</small> </small>	Material BS EN 10025 S355JR or equivalent	Drawn by	Date	Revision	<b>Box RHS</b>	
		jolley	17/06/2005	1		
Finish	Clean	Isaac Newton Group of Telescopes Apartado de Correos, 321 Santa Cruz de La Palma +34 922 425 400			Part Number	Sheet
					GLAS-2-006 r1	A2 1 / 1



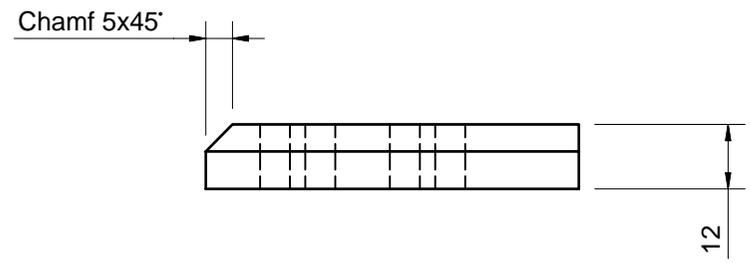
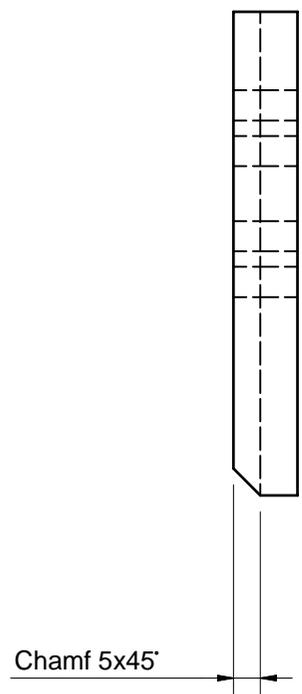
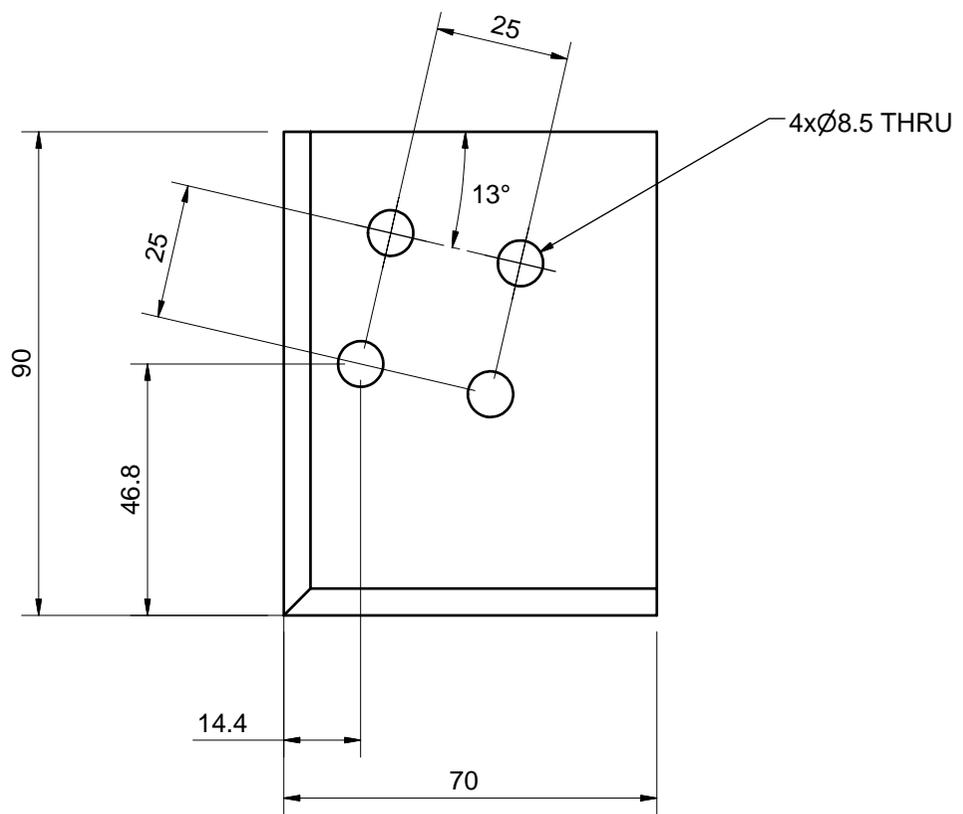
<small>UNIVERSITY OF TORONTO LIBRARY</small> <small>170 St. George Street, Toronto, Ontario M5S 1A5</small> <small>416-978-2082</small>		<small>Part Number</small> GLAS-2-0077-1	<small>Sheet</small> 1 / 1
<small>Part Name</small> Box Base	<small>Part Number</small> GLAS-2-0077-1	<small>Part Number</small> GLAS-2-0077-1	<small>Part Number</small> GLAS-2-0077-1
<small>Material</small> 070450 (ENIG) or equivalent	<small>Quantity</small> 1	<small>Revision</small> 1	<small>Date</small> 17/09/2005
<small>Manufacturer</small> Isaac Newton Group of Telescopes Apartado de Correos, 501 Santa Cruz de La Palma +34 922 435 400	<small>Drawn by</small> gilly	<small>Checked by</small> gilly	<small>Released by</small> gilly
<small>Finish</small> Clean	<small>Notes</small> 3xφ8.5 THRU	<small>Notes</small> R5 Typ	<small>Notes</small> 5°

Third Angle



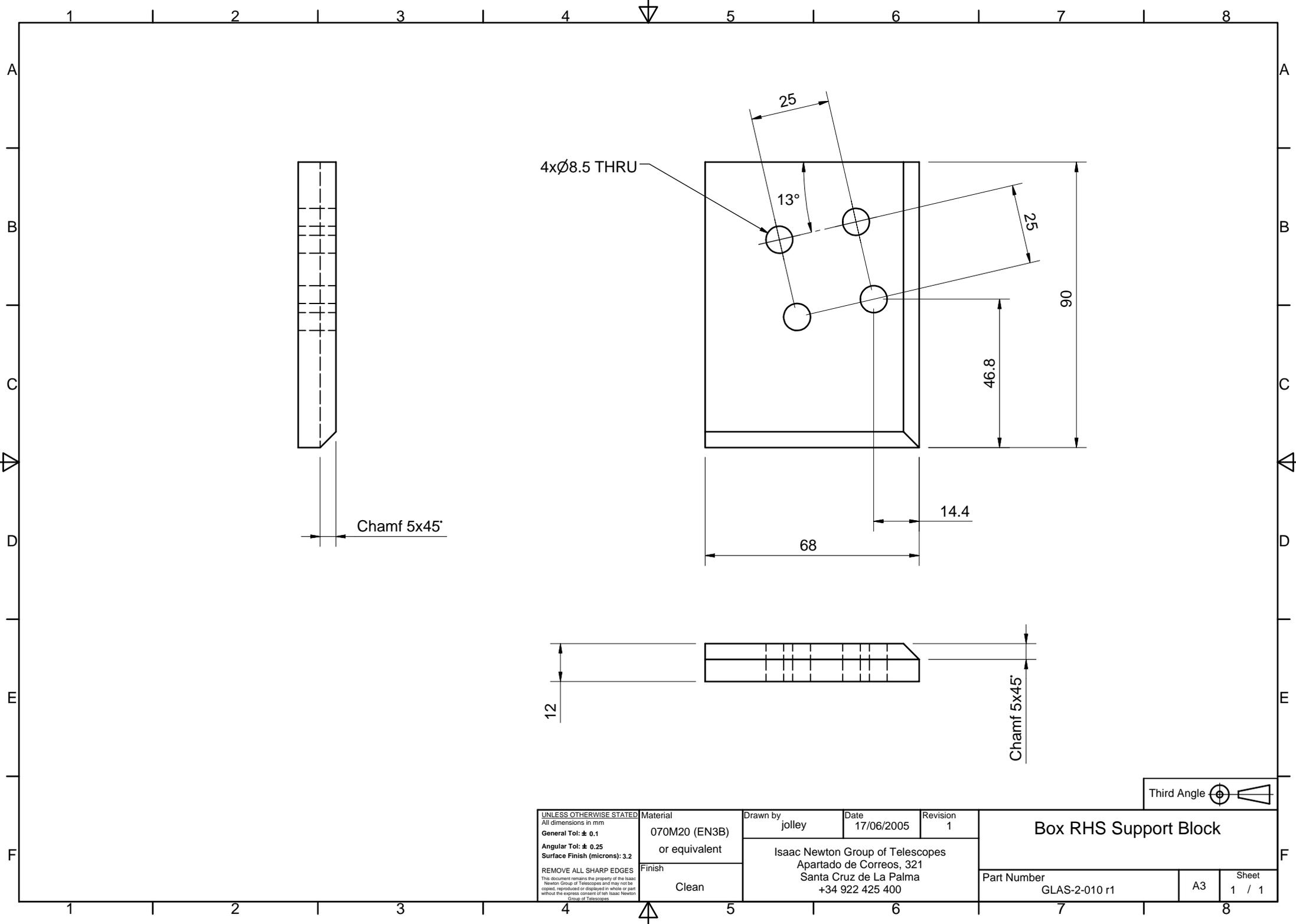
Third Angle

<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	<b>Astatic Mounting Block</b>		
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Clean					GLAS-2-008 r1	A3 1 / 1	



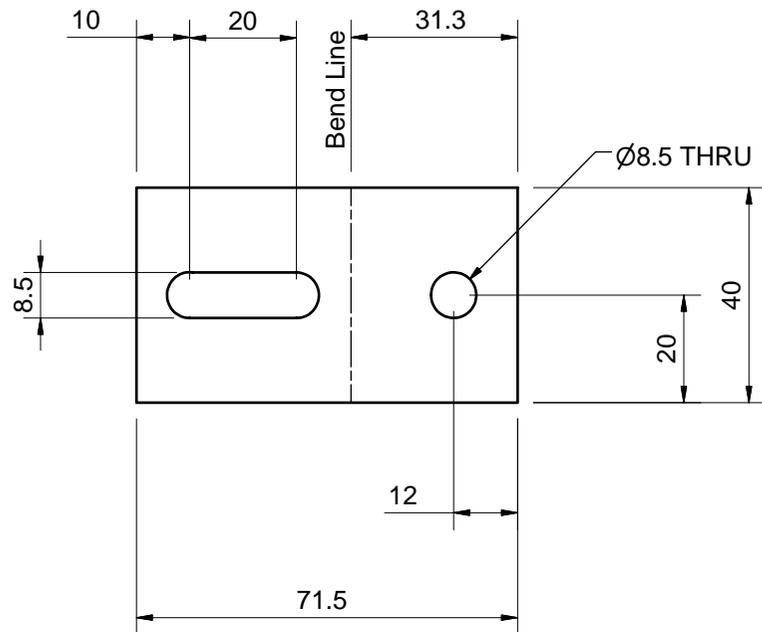
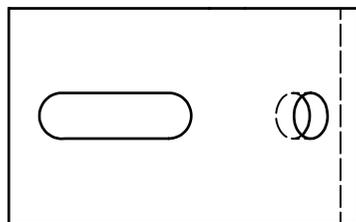
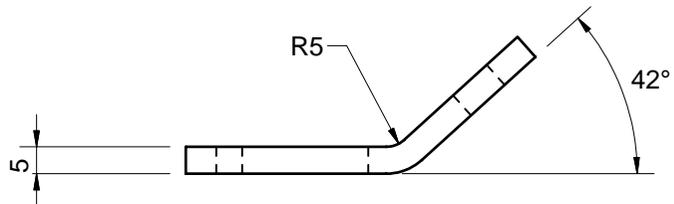
Third Angle

<small>UNLESS OTHERWISE STATED</small> All dimensions in mm General Tol: $\pm 0.1$ Angular Tol: $\pm 0.25$ 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	<b>Box LHS Support Block</b>		
	070M20 (EN3B) or equivalent	jolley	17/06/2005	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-2-009 r1	A3	1 / 1	



Third Angle

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Finish	Isaac Newton Group of Telescopes Apartado de Correos, 321 Santa Cruz de La Palma +34 922 425 400				Part Number	Sheet	
Clean					GLAS-2-010 r1	A3 1 / 1	



UNLESS OTHERWISE STATED  
 All dimensions in mm  
 General Tol:  $\pm 0.1$   
 Angular Tol:  $\pm 0.25$   
 Surface Finish (microns): 3.2  
 REMOVE ALL SHARP EDGES  
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Material  
 070M20 (EN3B)  
 or equivalent  
 Finish  
 Matt white paint

Drawn by  
 jolley

Date  
 17/06/2005

Revision  
 2

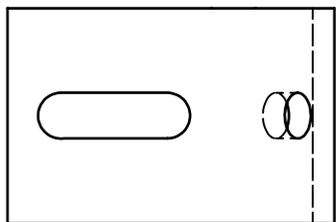
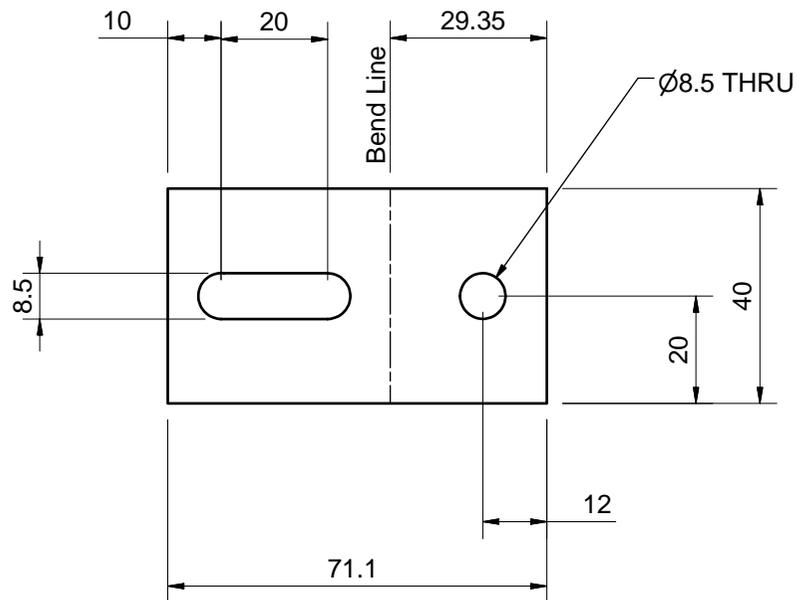
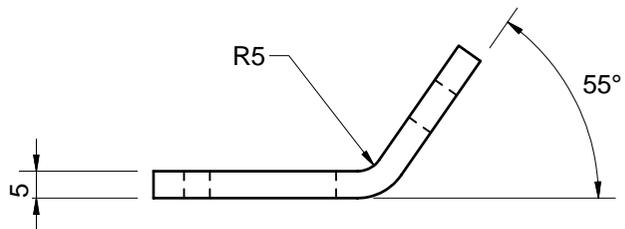
Isaac Newton Group of Telescopes  
 Apartado de Correos, 321  
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Box LHS Tab

Part Number  
 GLAS-2-011 r2

A3

Sheet  
 1 / 1



UNLESS OTHERWISE STATED  
All dimensions in mm  
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Angular Tol:  $\pm 0.25$   
Surface Finish (microns): 3.2  
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Material  
070M20 (EN3B)  
or equivalent

Finish  
Matt white paint

Drawn by  
jolley

Date  
17/06/2005

Revision  
2

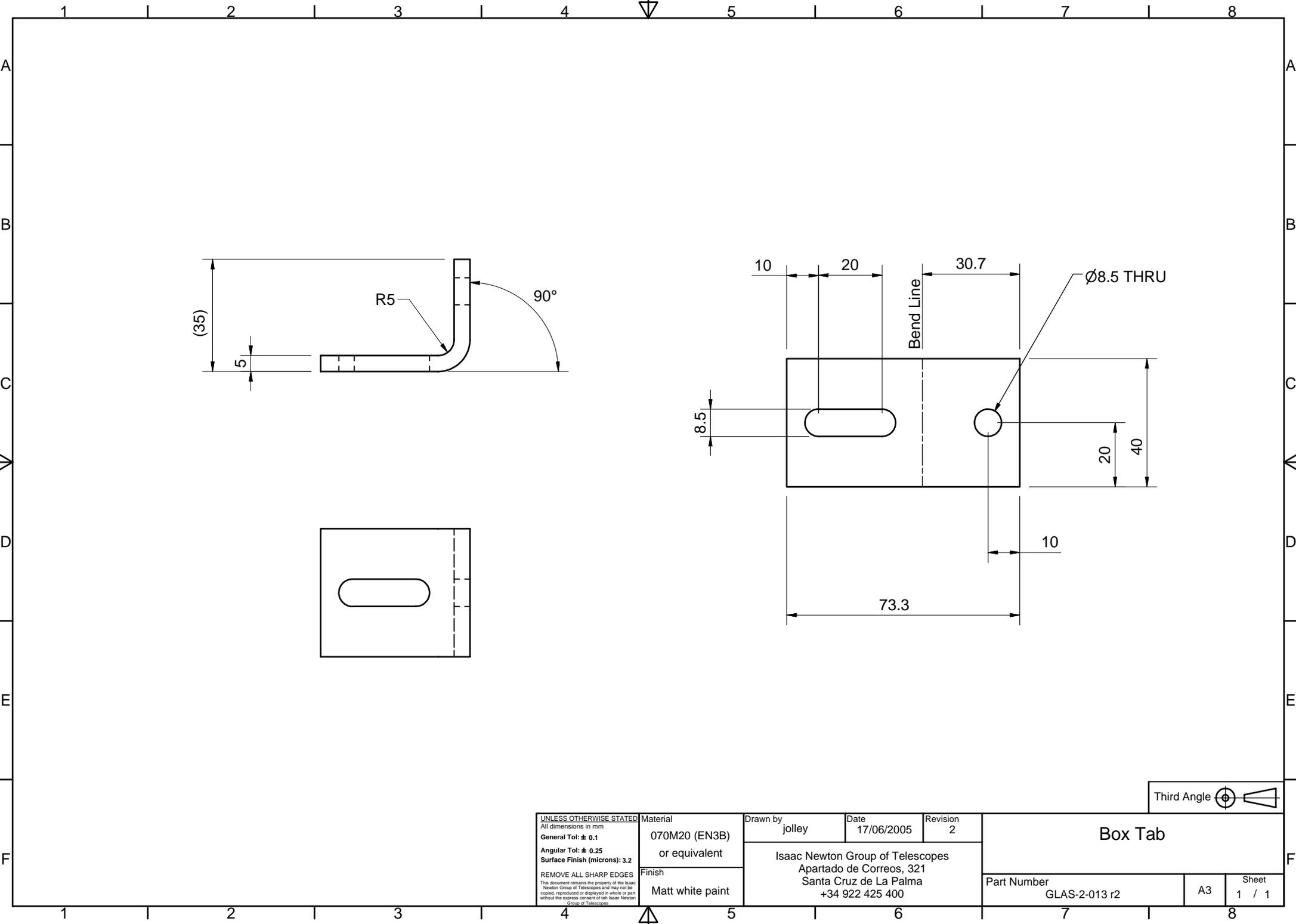
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+34 922 425 400

Box RHS Tab

Part Number  
GLAS-2-012 r2

A3

Sheet  
1 / 1



Third Angle

<small>UNLESS OTHERWISE STATED</small> All dimensions in mm General Tol: $\pm 0.1$ Angular Tol: $\pm 0.25$ 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	<h3>Box Tab</h3>		
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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-2-013 r2		A3 1 / 1	