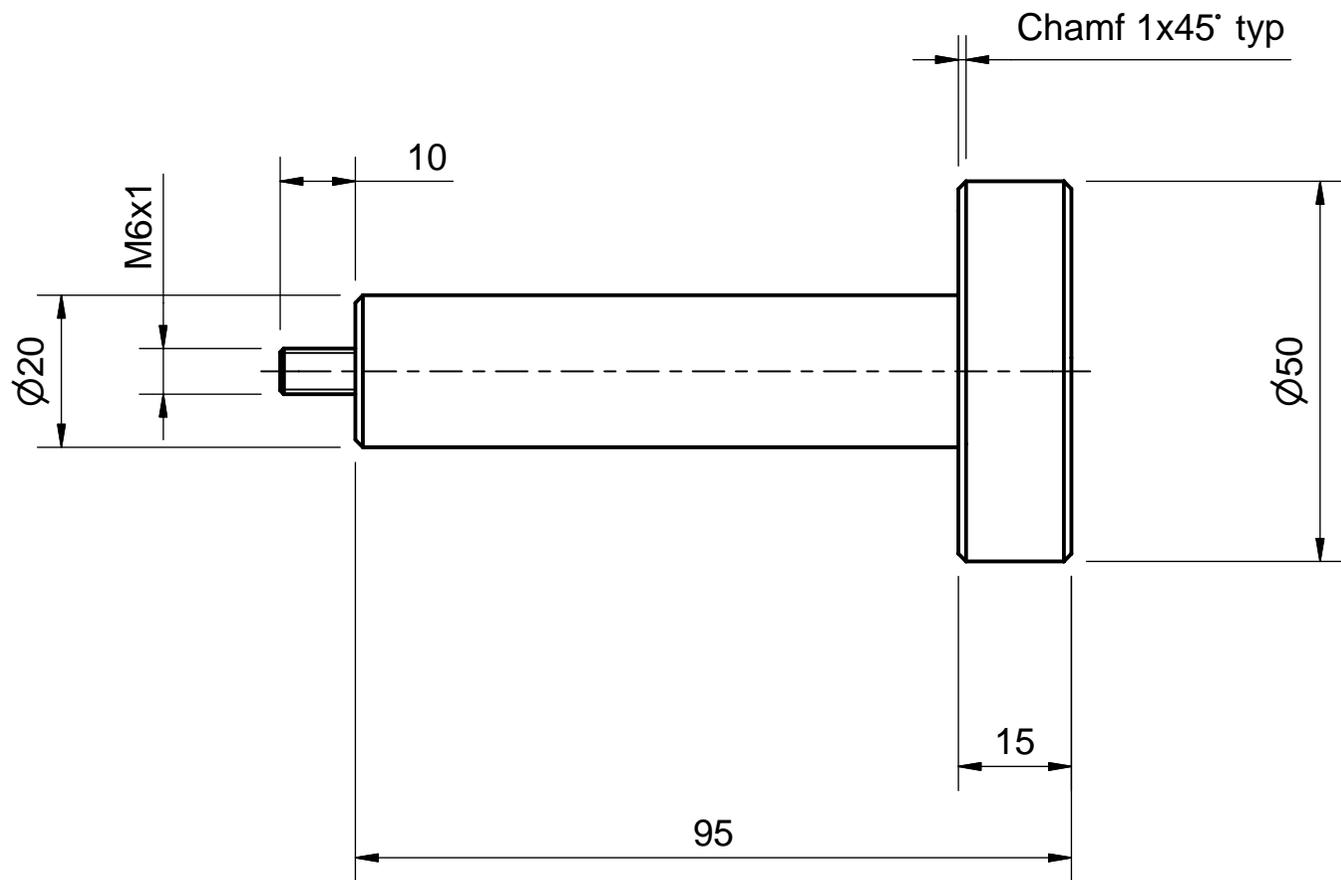


ITEM	QTY	PART NUMBER	DESCRIPTION
9	4	BS 4168 - M3 x 10	Hexagon Socket Head Cap Screw
8	14	BS 4464 - M3 Form A	Spring Washer
7	10	BS 4168 - M3 x 12	Hexagon Socket Head Cap Screw
6	5	BS 4168 - M4 x 12	Hexagon Socket Head Cap Screw
5	5	BS 4464 - M4 Form A	Spring Washer
4	1	GLAS-0-013	Drilling Template
3	1	GLAS-0-012	Template Upright
2	1	GLAS-0-011	Template radial Definer
1	1	GLAS-0-014	Template Beam Weldment

<small> ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE SPECIFIED General Tolerance: ±0.1 Angular Tolerance: ±0.05 Surface Finish: (see drawing) 3.2 FINISH: ALL DIMENSIONS SPECIFIED UNLESS OTHERWISE SPECIFIED </small>	<small> Material: </small>	<small> Drawn by: jolley Date: 19/12/2005 Revision: 1 </small>	<small> Isaac Newton Group of Telescopes Apartado de Correos, 321 Santa Cruz de La Palma +34 922 425 400 </small>	<small> Part Number: GLAS-0-010 A1 Sheet: 1 / 1 </small>
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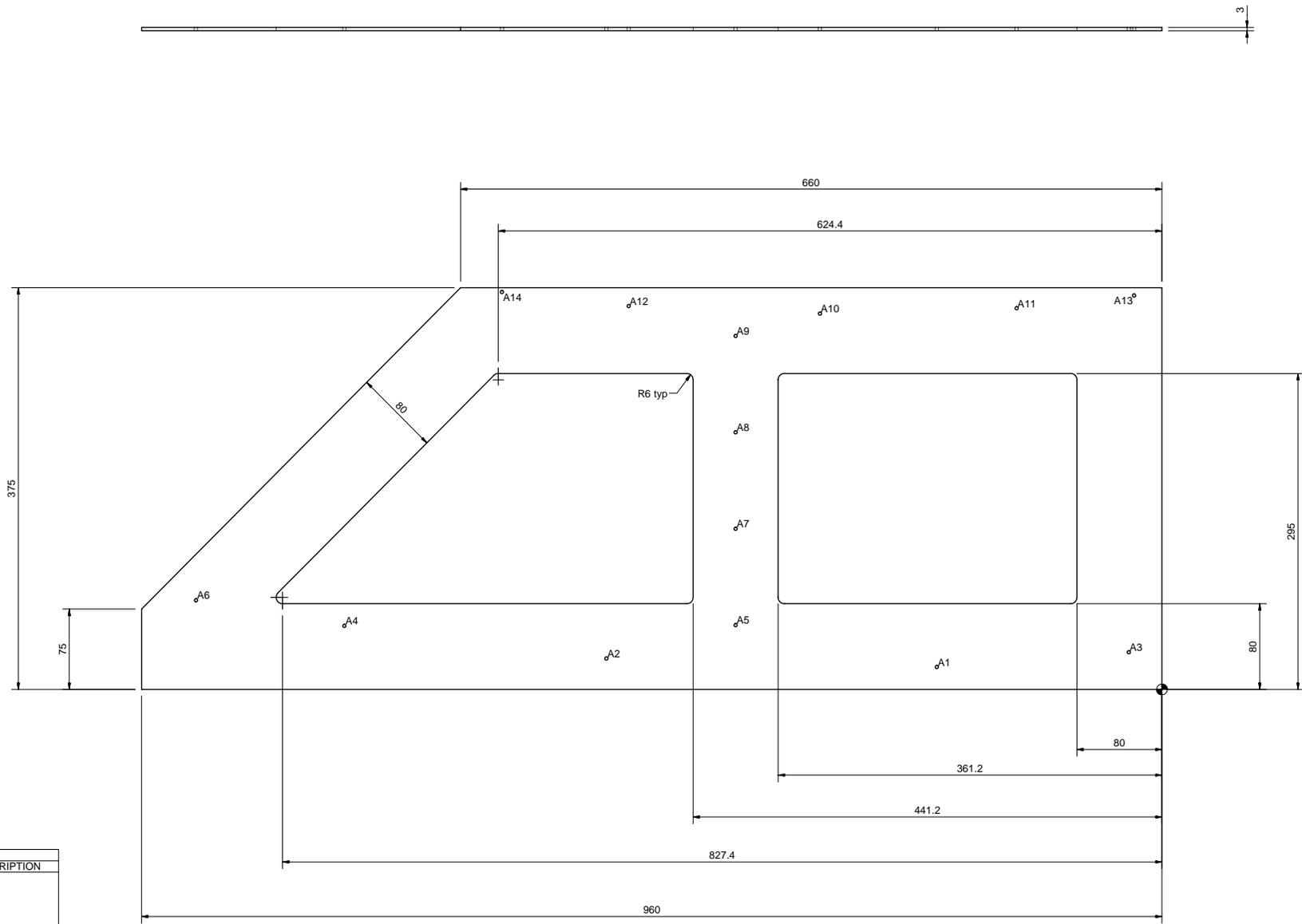
WHT Drilling Template



Third Angle

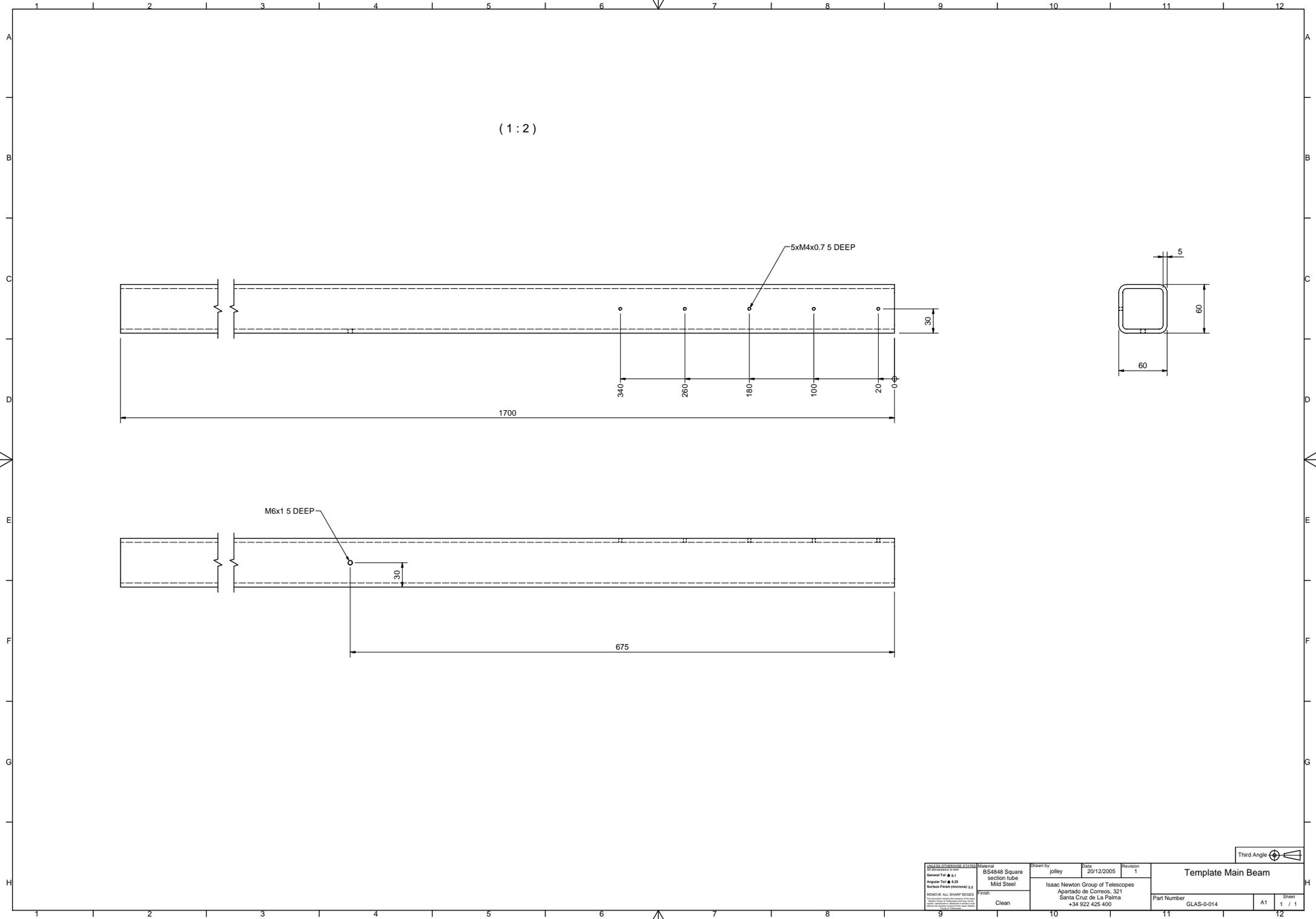
UNLESS OTHERWISE STATED All dimensions in mm General Tol: ± 0.1 Angular Tol: ± 0.25 Surface Finish (microns): 3.2 REMOVE ALL SHARP EDGES <small>This document remains the property of the Isaac Newton Group of Telescopes and may not be copied, reproduced or displayed in whole or part without the express consent of the Isaac Newton Group of Telescopes.</small>	Material	Drawn by	Date	Revision	<h2>Template Radial Definer</h2>		
	Aluminium alloy	jolley	19/12/2005	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-0-011	A4	1 / 1	

(1:2)

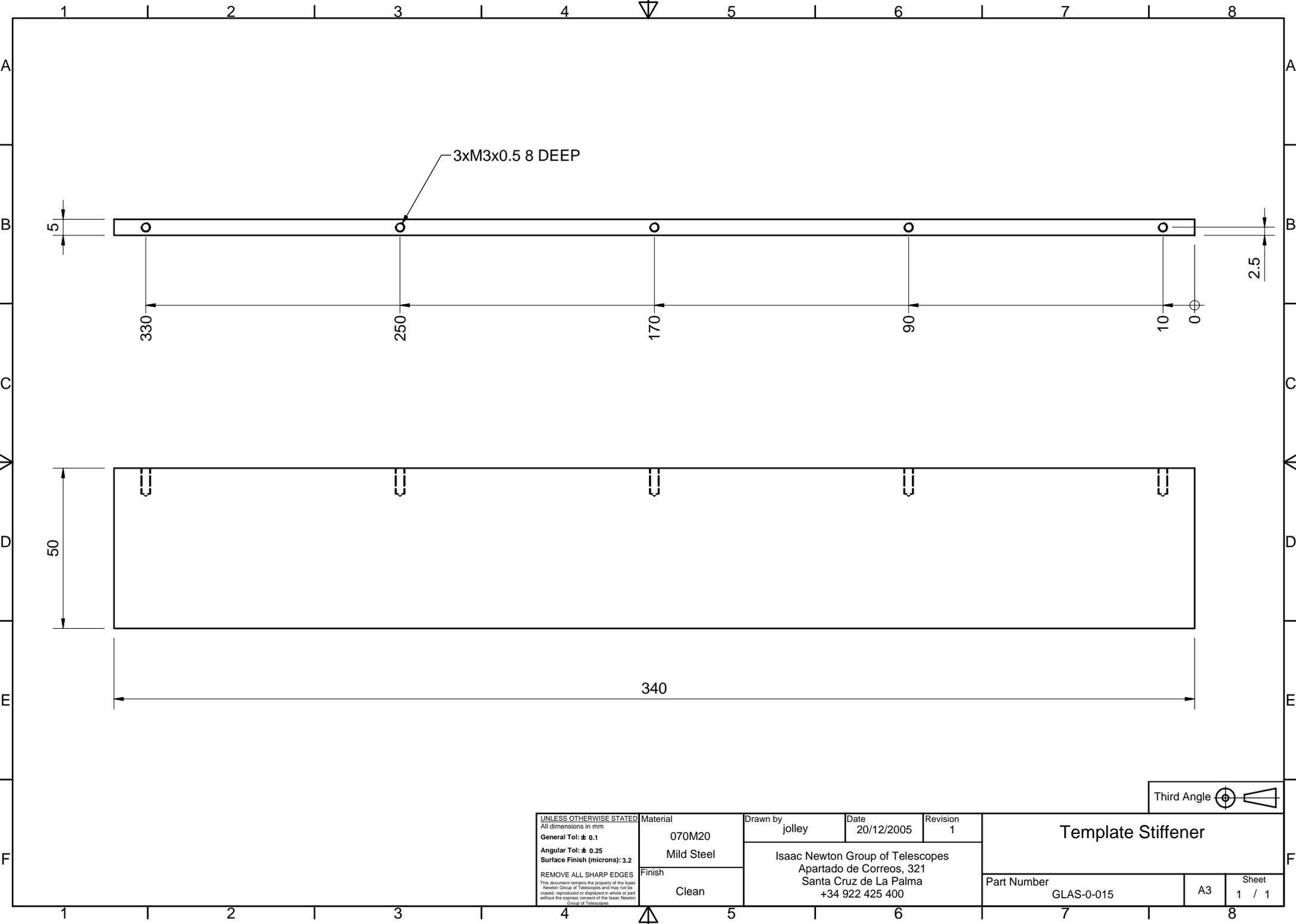


Hole Table			
HOLE	XDIM	YDIM	DESCRIPTION
A1	-211.84	20.96	Ø3 THRU
A2	-522.74	28.9	
A3	-31.25	34.72	
A4	-769.29	59.36	
A5	-401.17	60	
A6	-908.85	83.22	
A7	-401.17	150	
A8	-401.17	240	
A9	-401.17	330	
A10	-321.82	350.85	
A11	-136.82	355.85	
A12	-501.82	357.85	
A13	-26.25	367.72	
A14	-621.05	371.01	

<small> ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED GENERAL TOL: ±0.1 ANGULAR TOL: ±0.5 SURFACE FINISH: (see drawing) 3.2 FINISH: ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED MATERIAL: Aluminum alloy FINISH: Clean </small>	<small> Drawn by: jolley Date: 19/12/2005 Revision: 1 Isaac Newton Group of Telescopes Apartado de Correos, 321 Santa Cruz de La Palma +34 922 425 400 </small>	Drilling Template Part Number: GLAS-0-013 Sheet: 1 / 1
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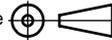
11.02.01.01.01.01.01 BS4848 Square section tube Mild Steel Surface Finish (per ISO 12934:2) Finish: Clean	Material: BS4848 Square section tube Mild Steel Finish: Clean	Drawn by: jolley Date: 20/12/2005 Revision: 1	Isaac Newton Group of Telescopes Apartado de Correos, 321 Santa Cruz de La Palma +34 922 425 400	Template Main Beam Part Number: GLAS-0-014	Sheet: 1 / 1
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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
 070M20
 Mild Steel
 Finish
 Clean

Drawn by
 jolley
 Date
 20/12/2005
 Revision
 1
 Isaac Newton Group of Telescopes
 Apartado de Correos, 321
 Santa Cruz de La Palma
 +34 922 425 400

Third Angle 

Template Stiffener

Part Number
 GLAS-0-015
 A3
 Sheet
 1 / 1

