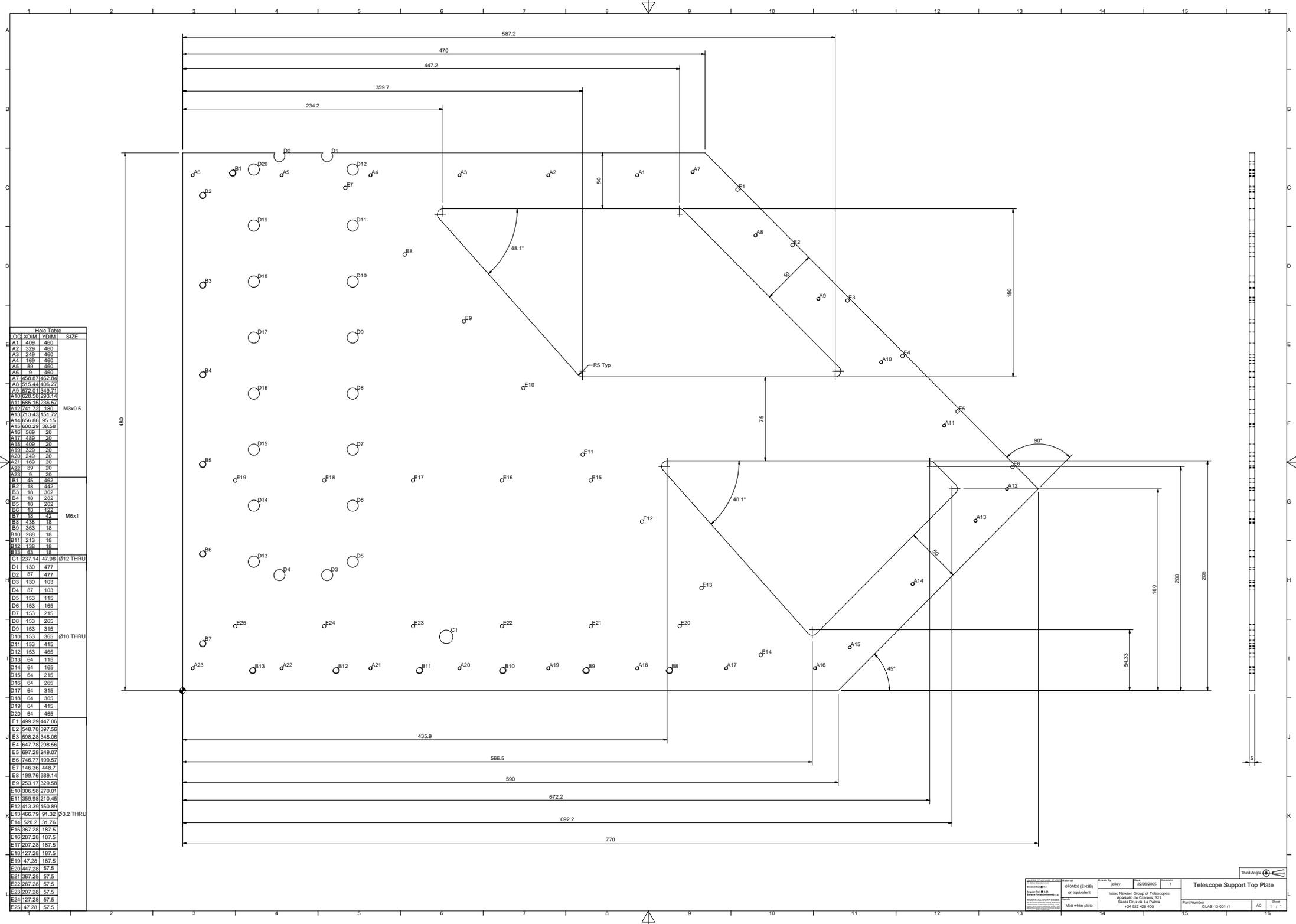


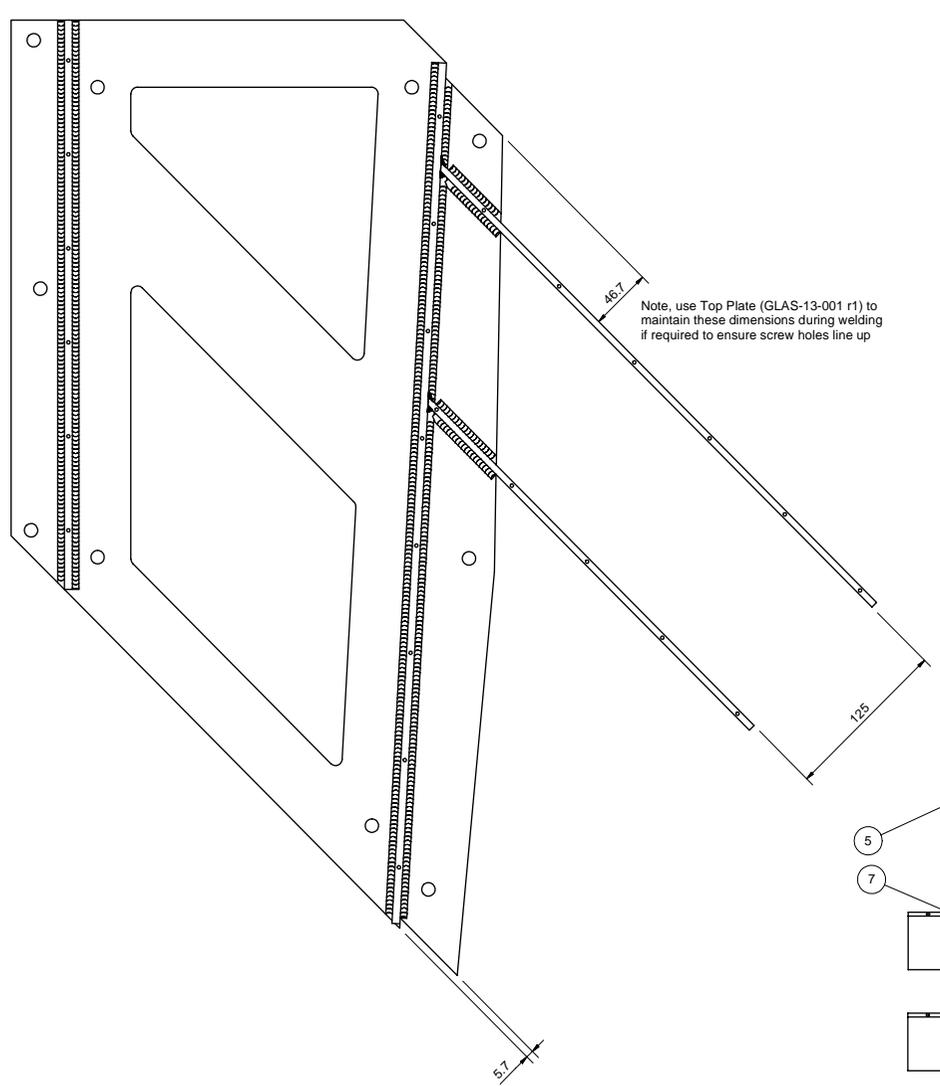
ITEM	QTY	PART NUMBER	DESCRIPTION
7	10	BS 4320 - M8 (Form A)	Bright Washer
6	10	BS 4464 - M8 Form A	Spring Washer
5	10	BS 4168 - M8 x 25	Hexagon Socket Head Cap Screw
4	25	BS 4168 - M3 x 12	Hexagon Socket Head Cap Screw
3	25	BS 4464 - M3 Form A	Spring Washer
2	1	GLAS-13-001 r1	TRIS support top plate
1	1	GLAS-13-1-000 r1	TRIS support weldment

<small> ISO 9001:2015 ISO 14001:2015 REGISTERED AS SUPPLIER OF THE DEFENCE AND AEROSPACE INDUSTRIES </small>		<small> DRAWING NO. 22/09/2005 REV. 1 </small>	<small> Isaac Newton Group of Telescopes Apartado de Correos, 521 Santa Cruz de La Palma +34 922 425 400 </small>	<small> Part Number GLAS-13-000 r1 </small>	<small> Sheet 1 / 1 </small>
<small> Title Telescope Support Assembly </small>			<small> Third Angle </small>		

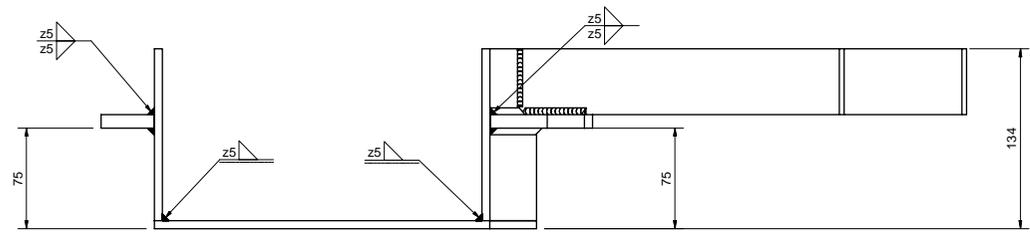
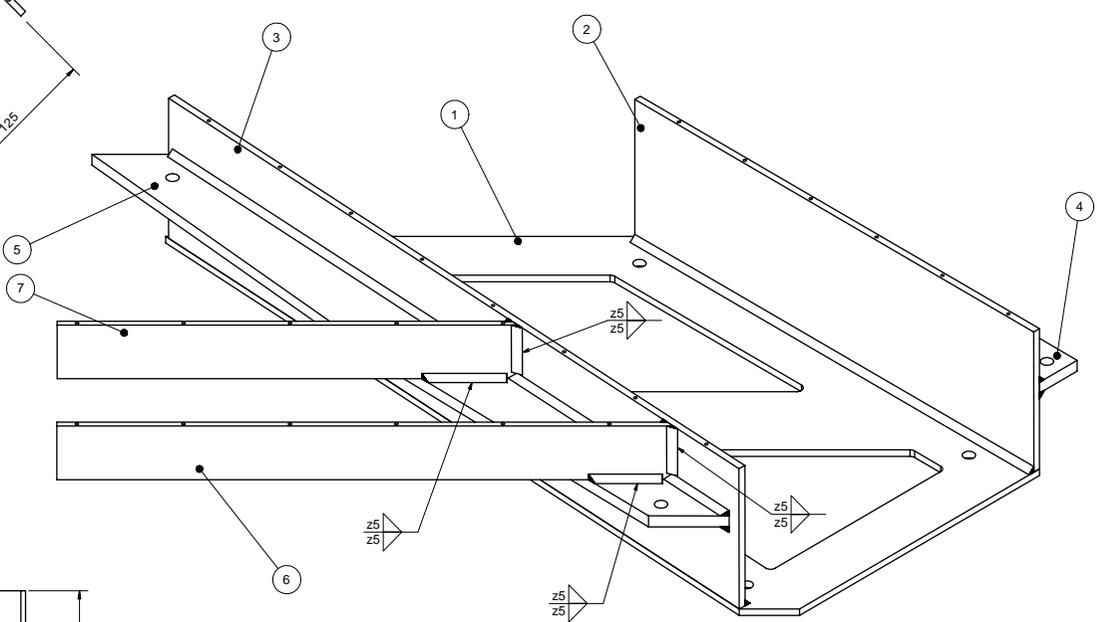


LOC	X(DM)	Y(DM)	SIZE
A1	490	490	
A2	325	490	
A3	245	490	
A4	165	490	
A5	90	490	
A6	9	490	
A7	658.97	152.40	
A8	615.41	105.47	
A9	572.01	58.71	
A10	528.59	11.14	
A11	485.19	-36.67	
A12	441.72	-180	
A13	413.43	-151.72	
A14	366.86	-95.18	
A15	300.28	-38.58	
A16	258	-20	
A17	485	20	
A18	405	20	
A19	325	20	
A20	245	20	
A21	165	20	
A22	85	20	
A23	9	20	
B1	45	462	
B2	18	442	
B3	18	362	
B4	18	282	
B5	18	202	
B6	18	122	
B7	18	42	
B8	435	18	
B9	353	18	
B10	268	18	
B11	213	18	
B12	138	18	
B13	63	18	
C1	237.14	47.98	Ø12 THRU
D1	130	477	
D2	87	477	
D3	130	103	
D4	87	103	
D5	153	115	
D6	153	165	
D7	153	215	
D8	153	265	
D9	153	315	
D10	153	365	Ø10 THRU
D11	153	415	
D12	153	465	
D13	64	115	
D14	64	165	
D15	64	215	
D16	64	265	
D17	64	315	
D18	64	365	
D19	64	415	
D20	64	465	
E1	489.29	447.06	
E2	548.78	397.56	
E3	599.28	348.06	
E4	647.78	298.56	
E5	697.28	249.07	
E6	746.77	199.57	
E7	746.36	448.7	
E8	799.76	389.14	
E9	853.17	329.58	
E10	906.58	270.01	
E11	959.98	210.45	
E12	1013.39	150.89	
E13	1066.79	91.32	Ø3.2 THRU
E14	1120.2	31.76	
E15	1173.6	187.5	
E16	1227	187.5	
E17	1280.4	187.5	
E18	1333.2	187.5	
E19	1386	187.5	
E20	1438.8	187.5	
E21	1491.6	187.5	
E22	1544.4	187.5	
E23	1597.2	187.5	
E24	1650	187.5	
E25	1702.8	187.5	

010620 (ENGLISH) or equivalent Isaac Newton Group of Telescopes Apartado de Correos, 521 Santa Cruz de La Palma +34 922 425 400	Part Number GLAS-13-001-r1	Sheet 1 / 1
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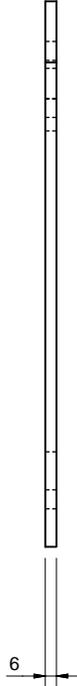
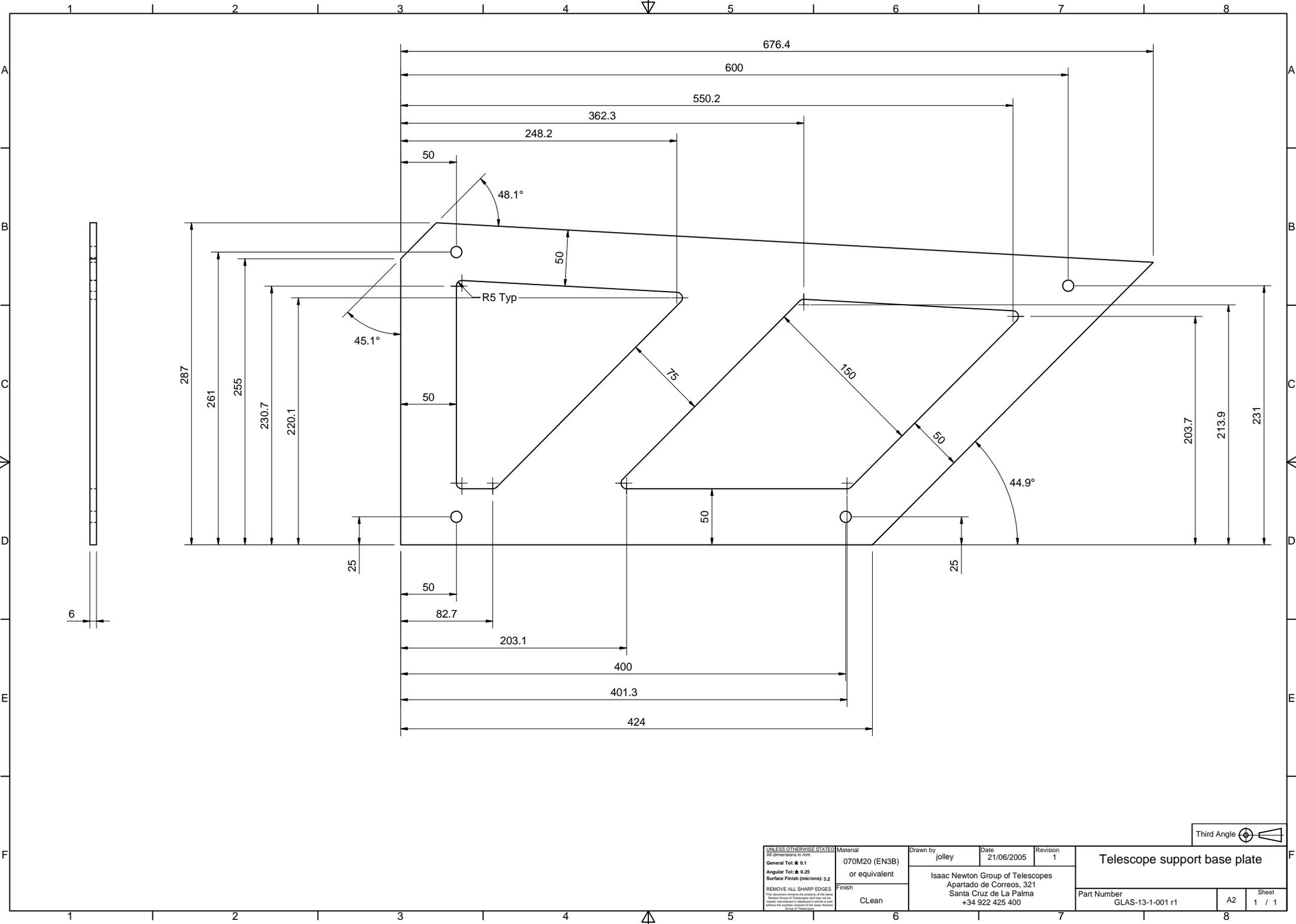
ITEM	QTY	PART NUMBER	DESCRIPTION
7	1	GLAS-13-1-007 R1	Support rib2
6	1	GLAS-13-1-006 r1	Support rib 1
5	1	GLAS-13-1-005 r1	Support web OD
4	1	GLAS-13-1-004 r1	Support web ID
3	1	GLAS-13-1-003 r1	Support OD
2	1	GLAS-13-1-002 r1	Support ID
1	1	GLAS-13-1-001 r1	Support base



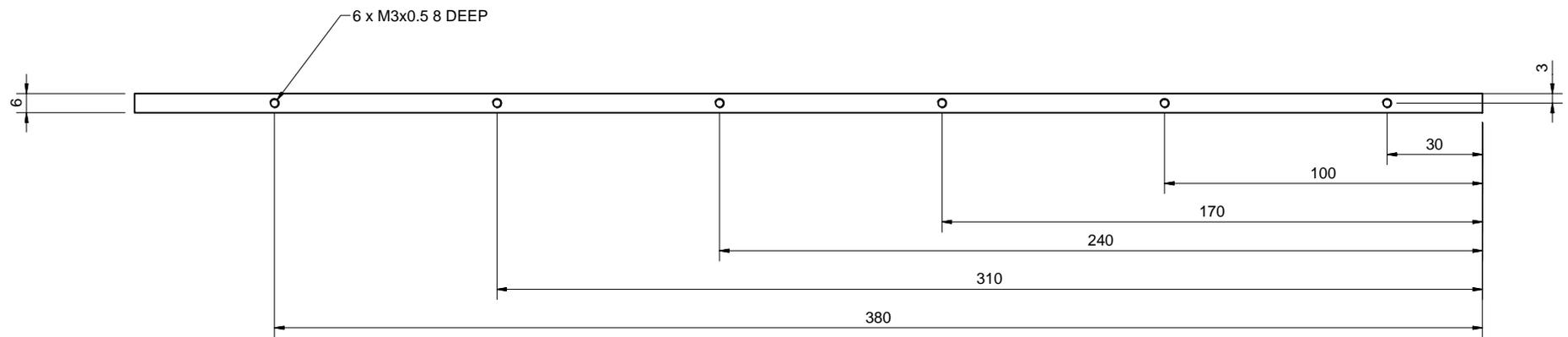
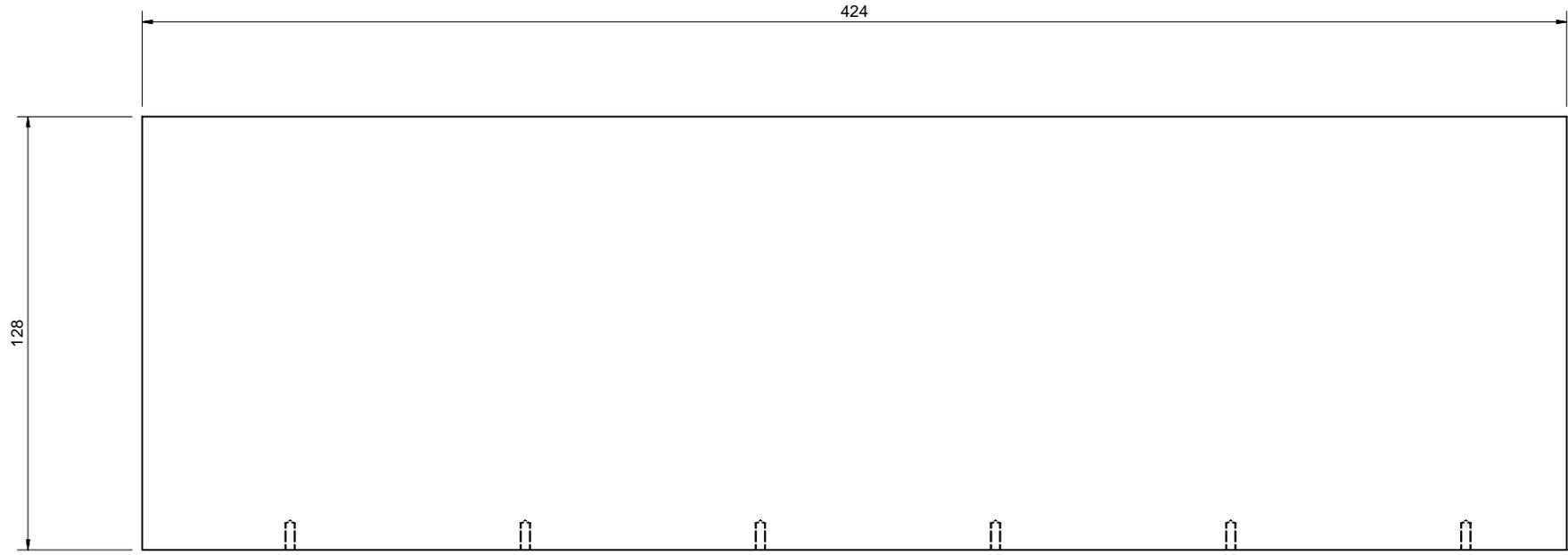
Third Angle

Material Aluminum 6061-T6 General Tol # 0.1 Angular Tol # 0.05 Surface Finish (microns) 3.2 FINISH Matt White Paint	Drawn by jolley	Date 21/06/2005	Revision 1	Telescope Support Base Weldment
Isaac Newton Group of Telescopes Apartado de Correos, 321 Santa Cruz de La Palma +34 922 425 400				Part Number GLAS-13-1-000 r1

Sheet
1 / 1



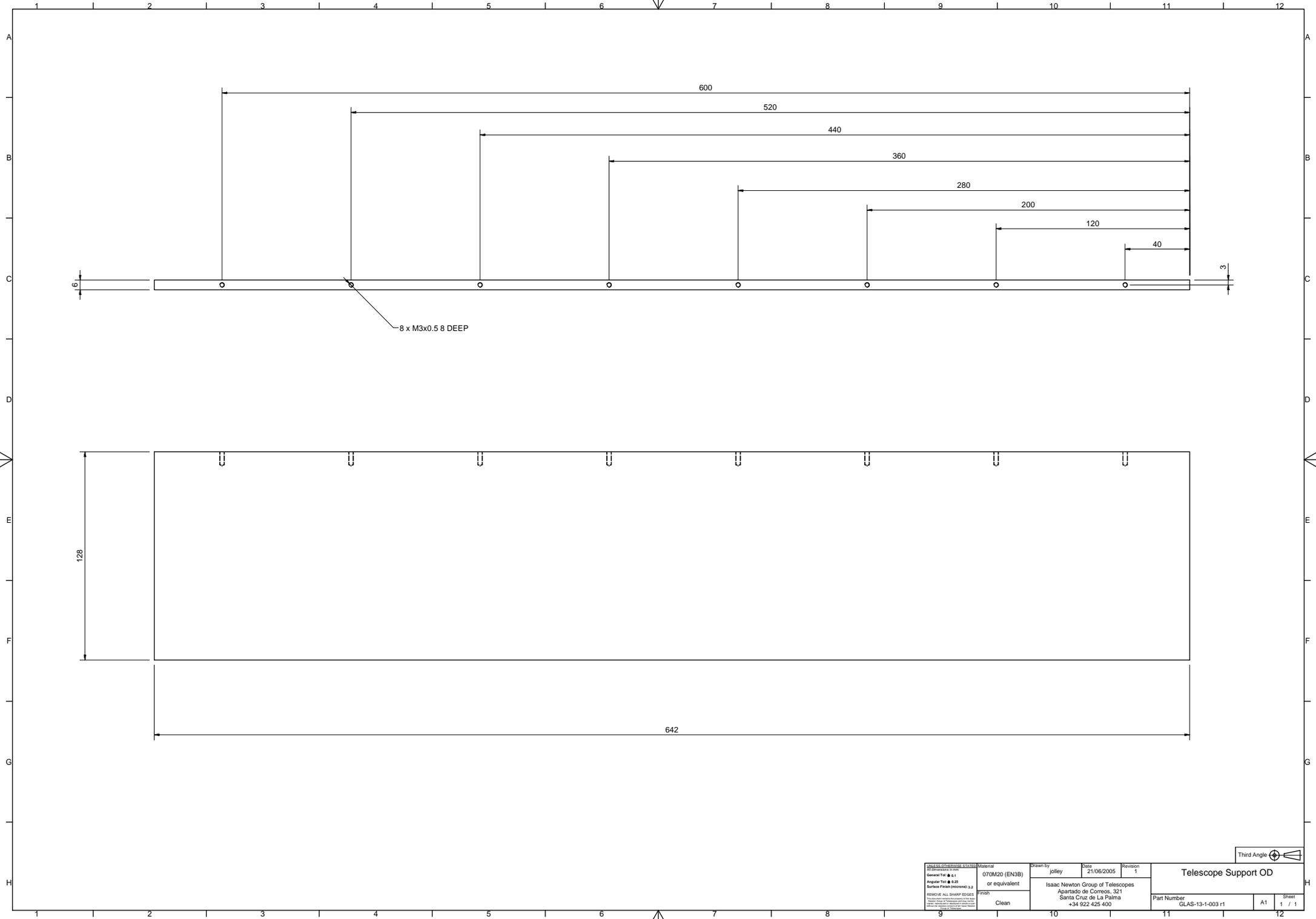
<small>UNLESS OTHERWISE STATED: All dimensions in mm General Tol: ± 0.1 Angular Tol: ± 0.25 Surface Finish (microns): 3.2 REMOVE ALL SHARP EDGES <small>This document is the property of the Isaac Newton Group of Telescopes and may not be copied, reproduced or distributed in whole or in part without the written consent of the Isaac Newton Group of Telescopes.</small> </small>	Material	Drawn by	Date	Revision	Telescope support base plate
	070M20 (EN3B) or equivalent	jolley	21/06/2005	1	
	Finish	Isaac Newton Group of Telescopes Apartado de Correos, 321 Santa Cruz de La Palma +34 922 425 400			
	Clean	Part Number GLAS-13-1-001 r1			Sheet 1 / 1



6 x M3x0.5 8 DEEP



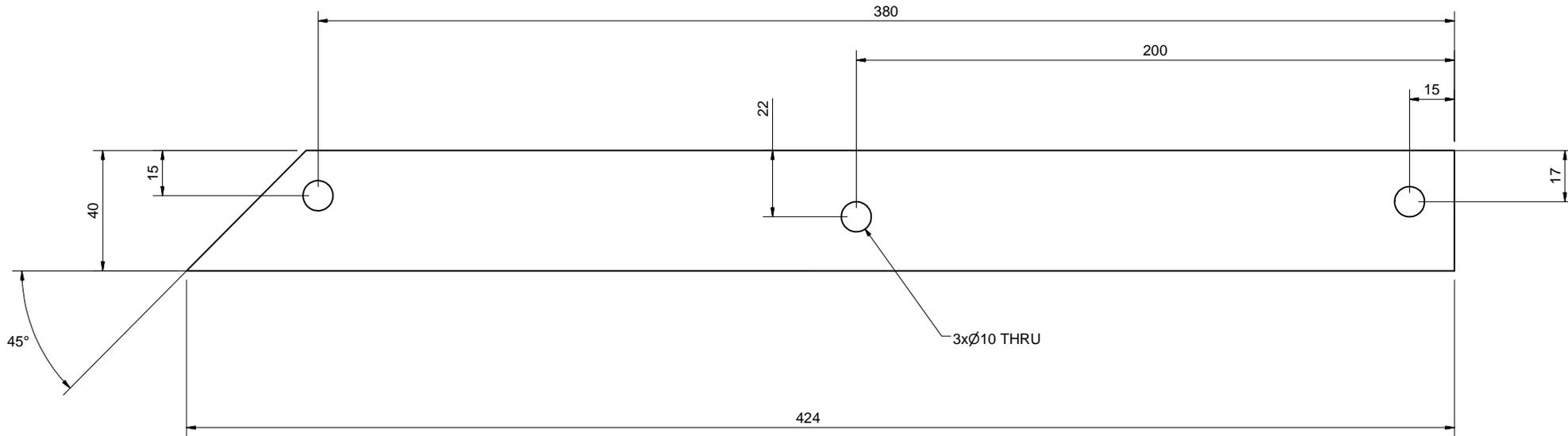
<small>UNLESS OTHERWISE STATED: All dimensions in mm General Tol: ± 0.1 Angular Tol: ± 0.25 Surface Finish (microns): 3.2 REMOVE ALL SHARP EDGES <small>This document remains the property of the Isaac Newton Group of Telescopes and may not be copied, reproduced or distributed in whole or in part without the written consent of the Isaac Newton Group of Telescopes.</small> </small>	Material	Drawn by	Date	Revision	Telescope Support ID	
	070M20 (EN3B) or equivalent	jolley	21/06/2005	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-13-1-002 r1	A2 1 / 1	



8 x M3x0.5 8 DEEP

ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE SPECIFIED GENERAL TOL. ± 0.1 ANGULAR TOL. ± 0.05 SURFACE FINISH (RMS) 3.2 PRESERVE ALL SHARP EDGES FINISH: Clean		Material: 070M20 (EN5B) or equivalent	Drawn by: jolley	Date: 21/06/2005	Revision: 1	Telescope Support OD
		Manufacturer: Isaac Newton Group of Telescopes Apartado de Correos, 321 Santa Cruz de La Palma +34 922 425 400			Part Number: GLAS-13-1-003 r1	





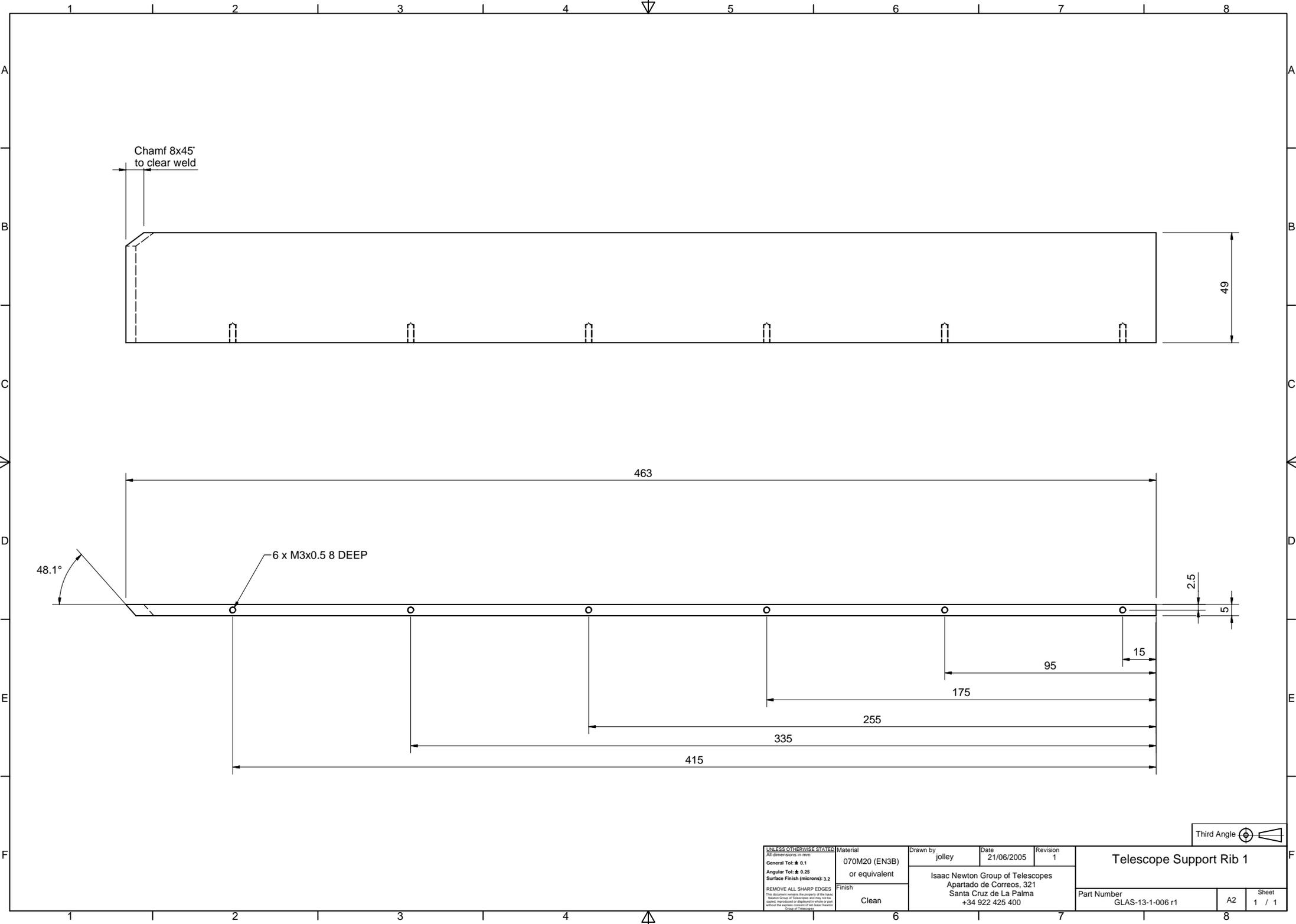
UNLESS OTHERWISE STATED:
 All dimensions in mm
 General Tol: ± 0.1
 Angular Tol: ± 0.25
 Surface Finish (microns): 3.2
 REMOVE ALL SHARP EDGES
This document remains the property of the Isaac Newton Group of Telescopes and may not be copied, reproduced or distributed in whole or in part without the written consent of the Isaac Newton Group of Telescopes

Material
 070M20 (EN3B)
 or equivalent
 Finish
 Clean

Drawn by jolley
 Date 21/06/2005
 Revision 1
 Isaac Newton Group of Telescopes
 Apartado de Correos, 321
 Santa Cruz de La Palma
 +34 922 425 400

Telescope Support Web ID
 Part Number GLAS-13-1-004 r1
 Sheet 1 / 1
 A2





Chamf 8x45
to clear weld

49

463

48.1°

6 x M3x0.5 8 DEEP

2.5

5

95

15

175

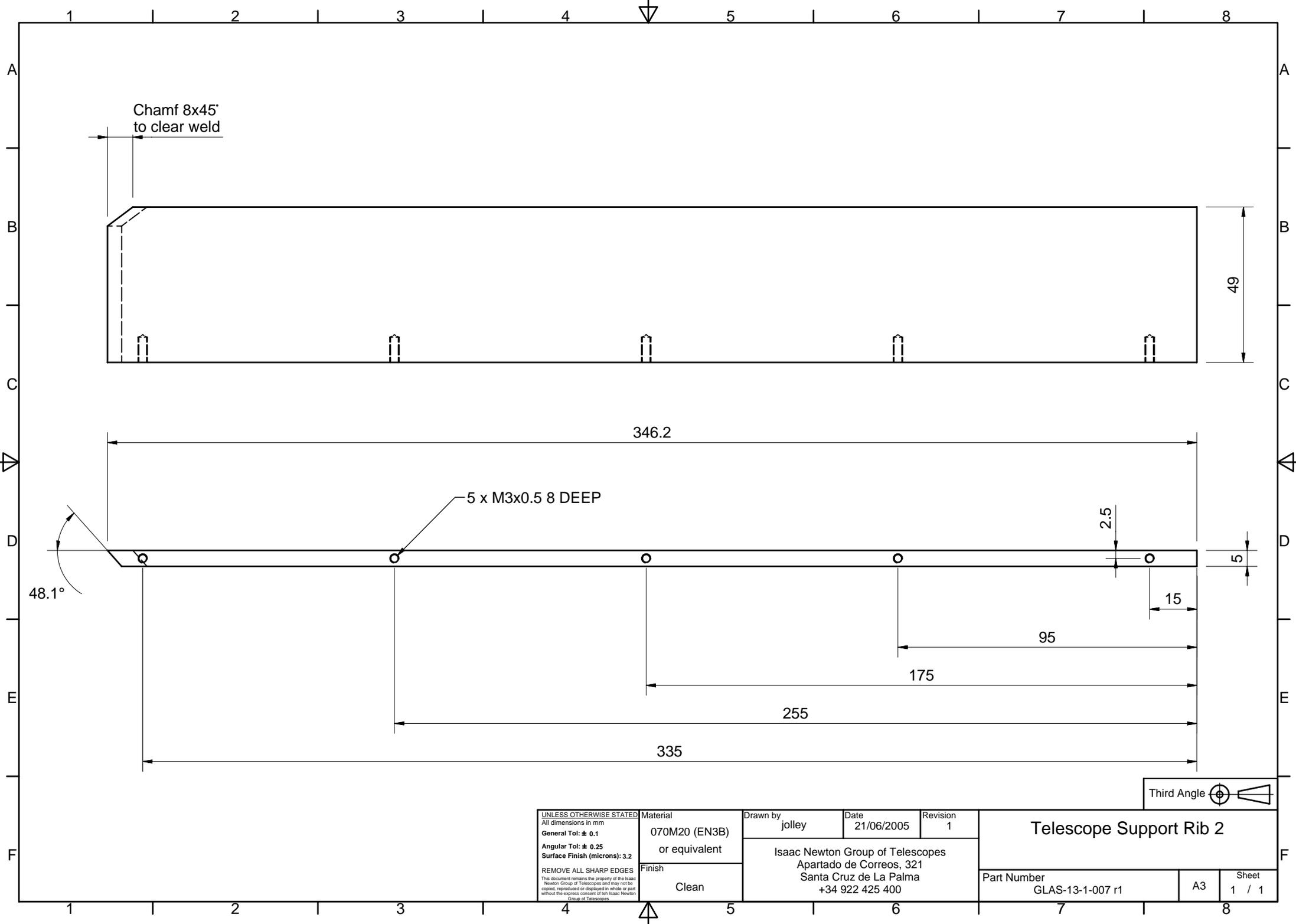
255

335

415

Third Angle

<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 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	Telescope Support Rib 1	
	070M20 (EN3B) or equivalent	jolley	21/06/2005	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-13-1-006 r1	A2 1 / 1	



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	Telescope Support Rib 2		
	070M20 (EN3B) or equivalent	jolley	21/06/2005	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-13-1-007 r1	A3	1 / 1	