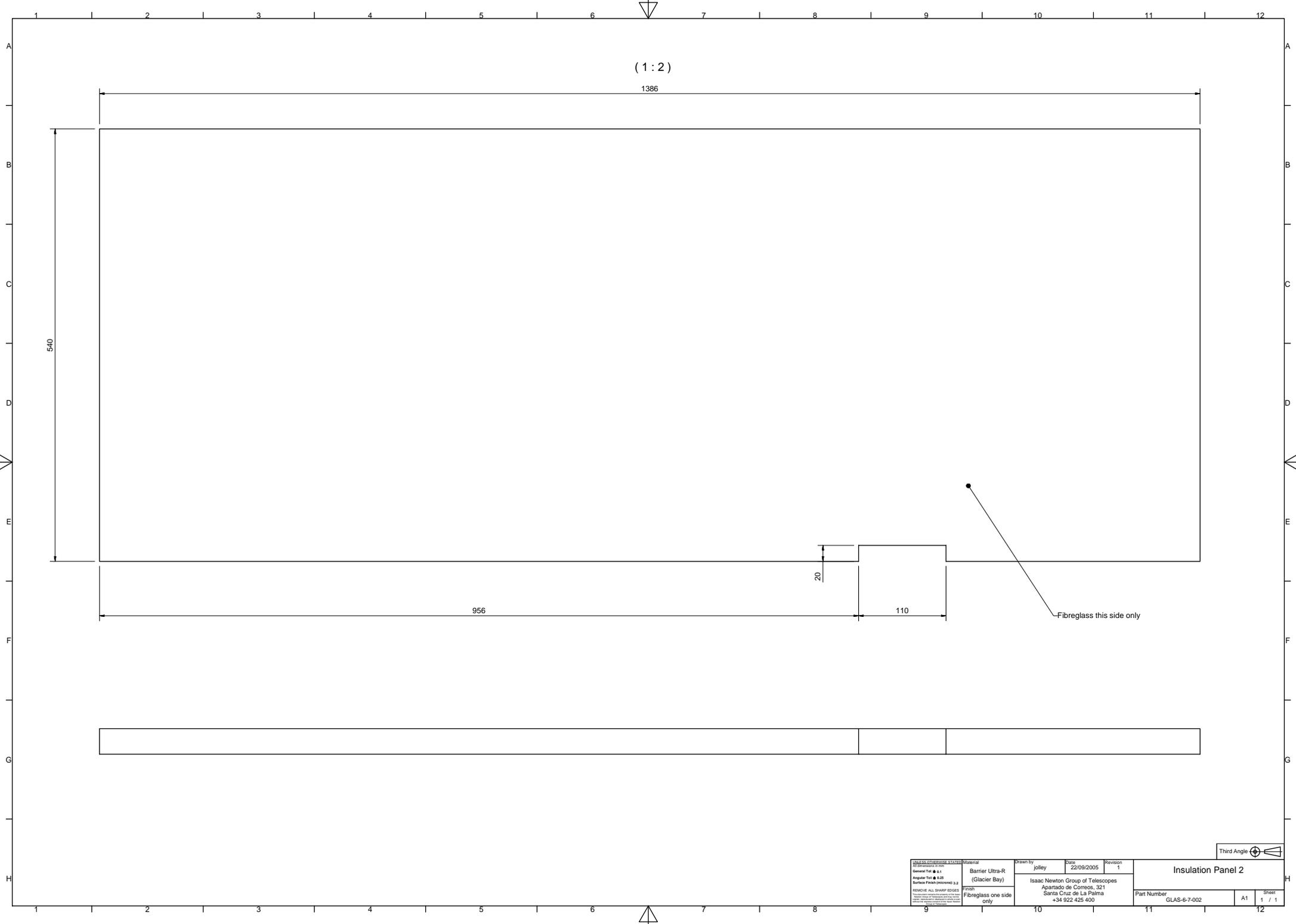


<small> ISO 9001:2015 ISO 14001:2015 REGISTERED COMPANY ISO 9001:2015 ISO 14001:2015 REGISTERED COMPANY </small>		<small> Model Standard Unit: R (Glacier Bay) </small>	<small> Date 22/09/2005 </small>	<small> Revision 1 </small>	Insulation Panel 1
<small> Author J. B. </small>	<small> Part Fibreglass one side </small>	<small> Design Isaac Newton Group of Telescopes Apartado de Correos, 321 Santa Cruz de La Palma +34 922 425 400 </small>	<small> Part Number GLAS-6-7-001 </small>	<small> A0 </small>	





(1:2)

1386

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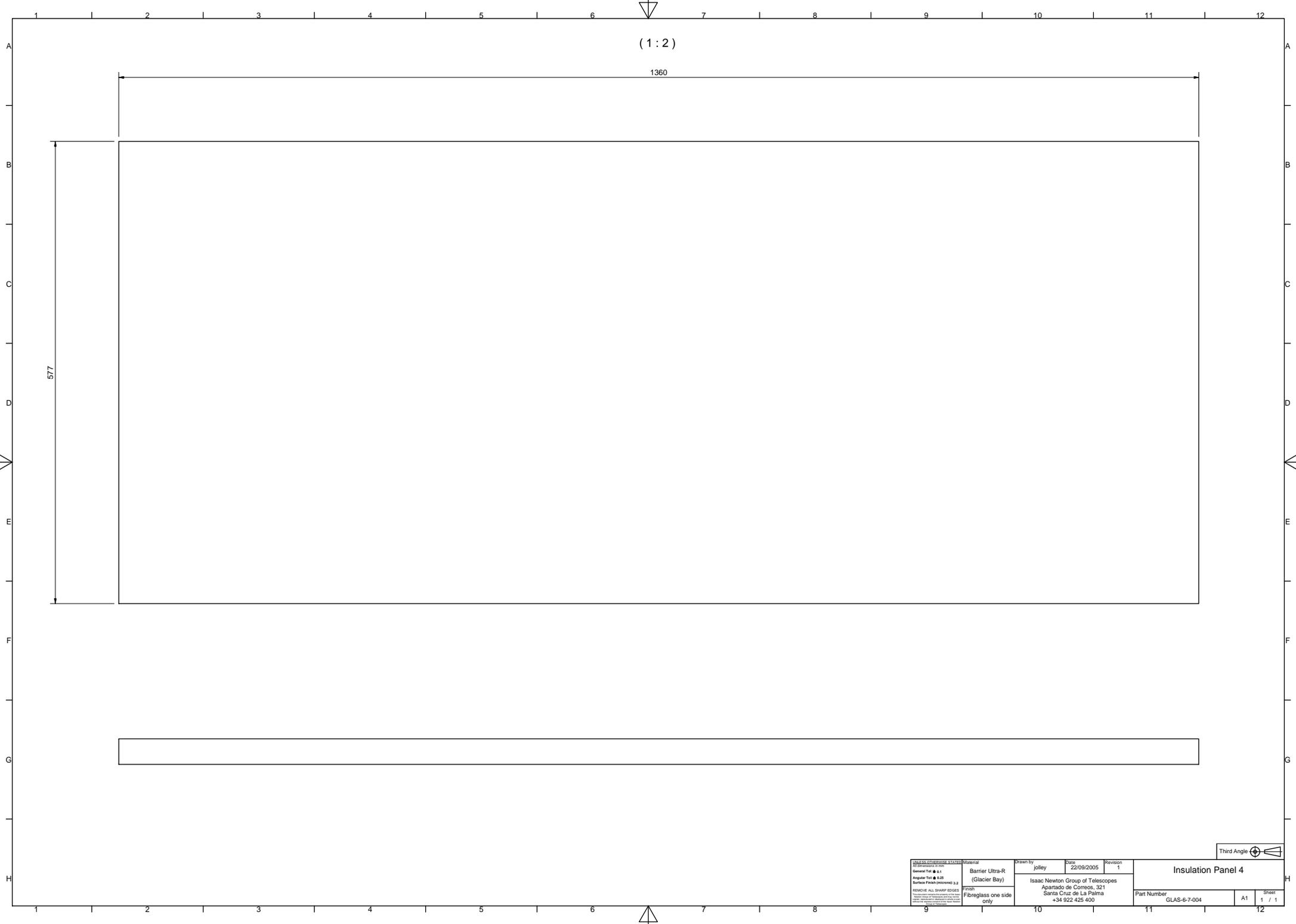
20

110

Fibreglass this side only



016124-01-01-01-01-01 016124-01-01-01-01-01 General Tol. 0.1 Angular Tol. 0.05 Surface Finish (micrometers) 3.2 MATERIALS: ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED FINISH: Fibreglass one side only	Material Barrier Ultra-R (Glacier Bay)	Drawn by jolley	Date 22/09/2005	Revision 1	Insulation Panel 2
Isaac Newton Group of Telescopes Apartado de Correos, 321 Santa Cruz de La Palma +34 922 425 400	Part Number GLAS-6-7-002	A1	Sheet 1 / 1		



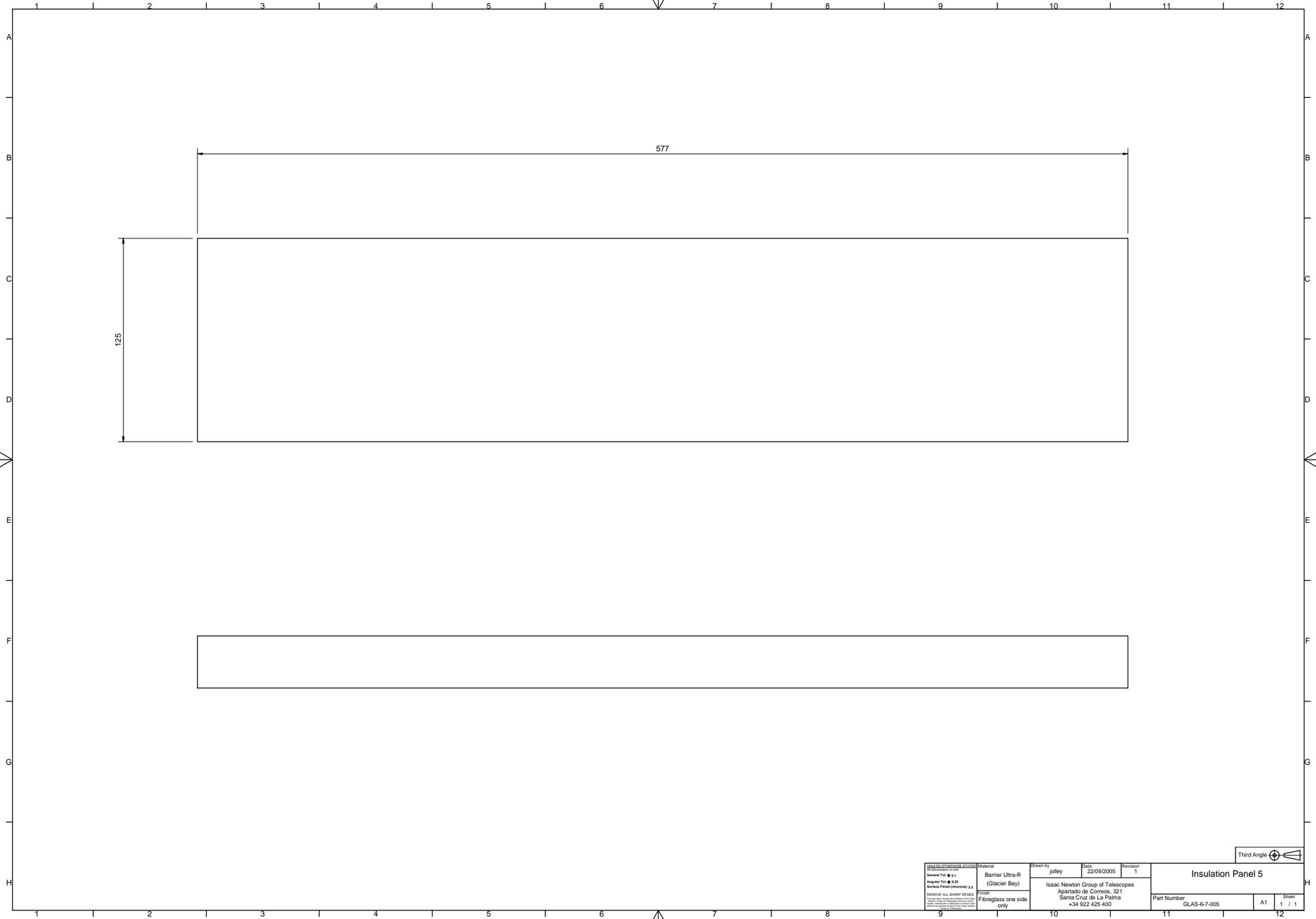
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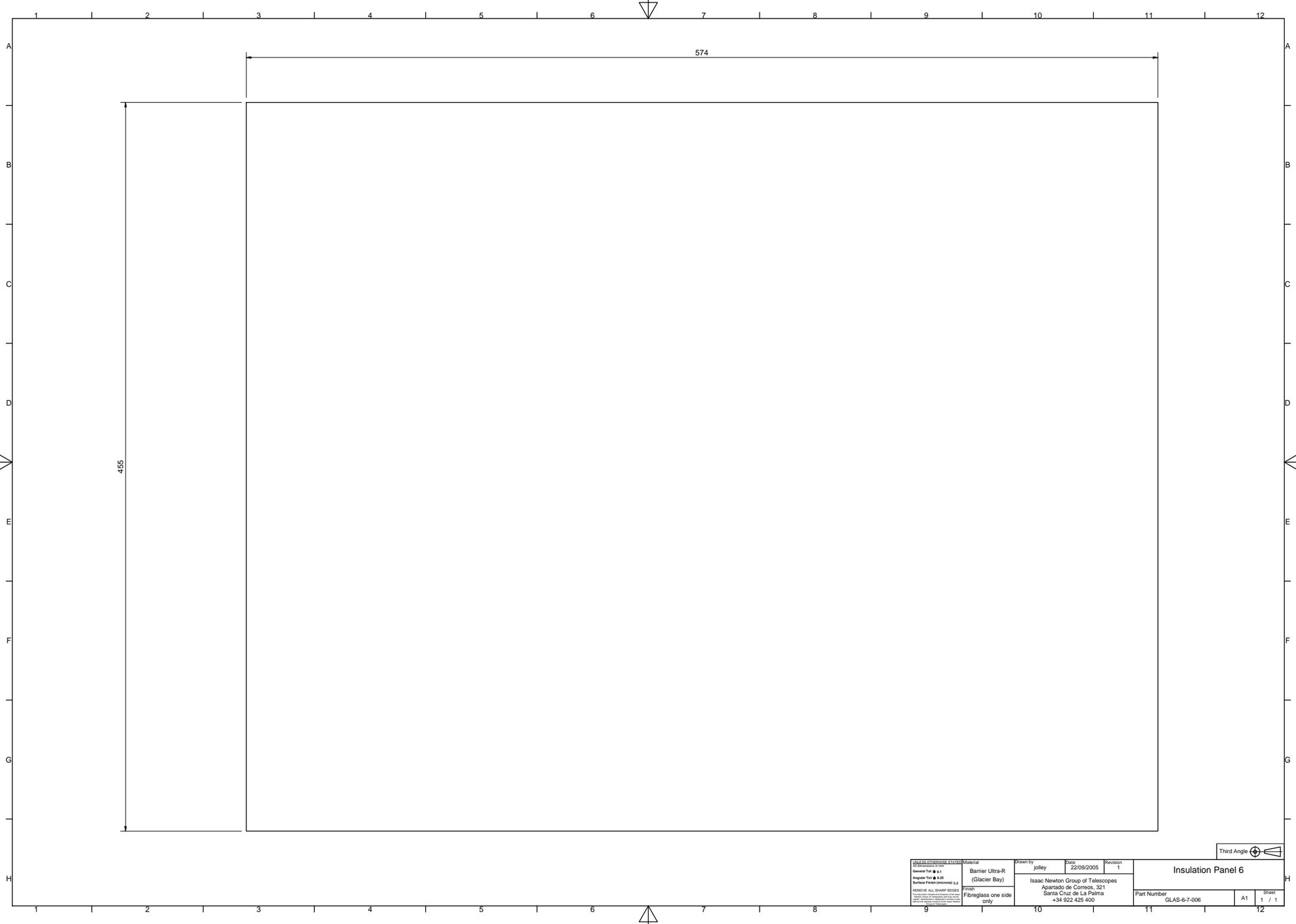
INSULATION PANEL 4 All dimensions in mm General Tol. ± 0.1 Angular Tol. ± 0.05 Surface Finish (mm/cm): 3.2 <small>RESERVE ALL DIMENSIONS TO THE CENTER LINE UNLESS SPECIFIED OTHERWISE. DIMENSIONS TO THE CENTER LINE ARE TO BE USED FOR ALL DIMENSIONS UNLESS SPECIFIED OTHERWISE.</small>		Material Barrier Ultra-R (Glacier Bay)	Drawn by jolley	Date 22/09/2005	Revision 1	Insulation Panel 4
<small>ISOTHERM - ALL DIMENSIONS SPECIFIED TO THE CENTER LINE UNLESS SPECIFIED OTHERWISE. DIMENSIONS TO THE CENTER LINE ARE TO BE USED FOR ALL DIMENSIONS UNLESS SPECIFIED OTHERWISE.</small>		Supplier Isaac Newton Group of Telescopes Apartado de Correos, 321 Santa Cruz de La Palma +34 922 425 400			Part Number GLAS-6-7-004	
						Sheet 1 / 1

Third Angle



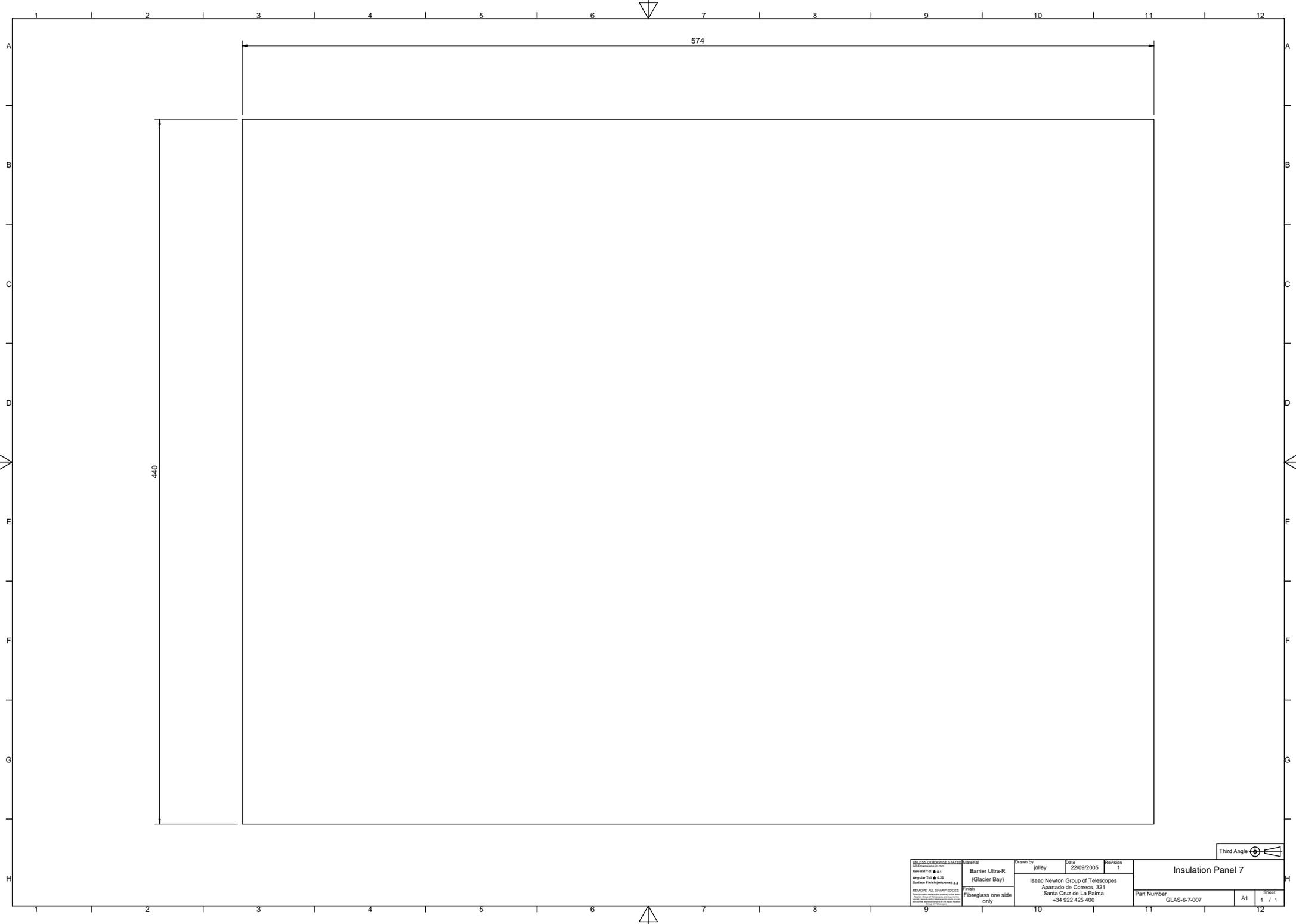
ISOLACIONES S.L. All structures in steel General Tel: 91 41 11 11 Angular Tel: 91 41 05 11 Surface Finish (epoxyresin) 3.2 <small>RESERVE ALL RIGHTS RESERVED. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of the publisher.</small>		Material Barrier Ultra-R (Glacier Bay) Finish Fibreglass one side only	Drawn by jolley	Date 22/09/2005	Revision 1	Insulation Panel 5	Part Number GLAS-6-7-005	A1	Sheet 1 / 1
Isaac Newton Group of Telescopes Apartado de Correos, 321 Santa Cruz de La Palma +34 922 425 400									





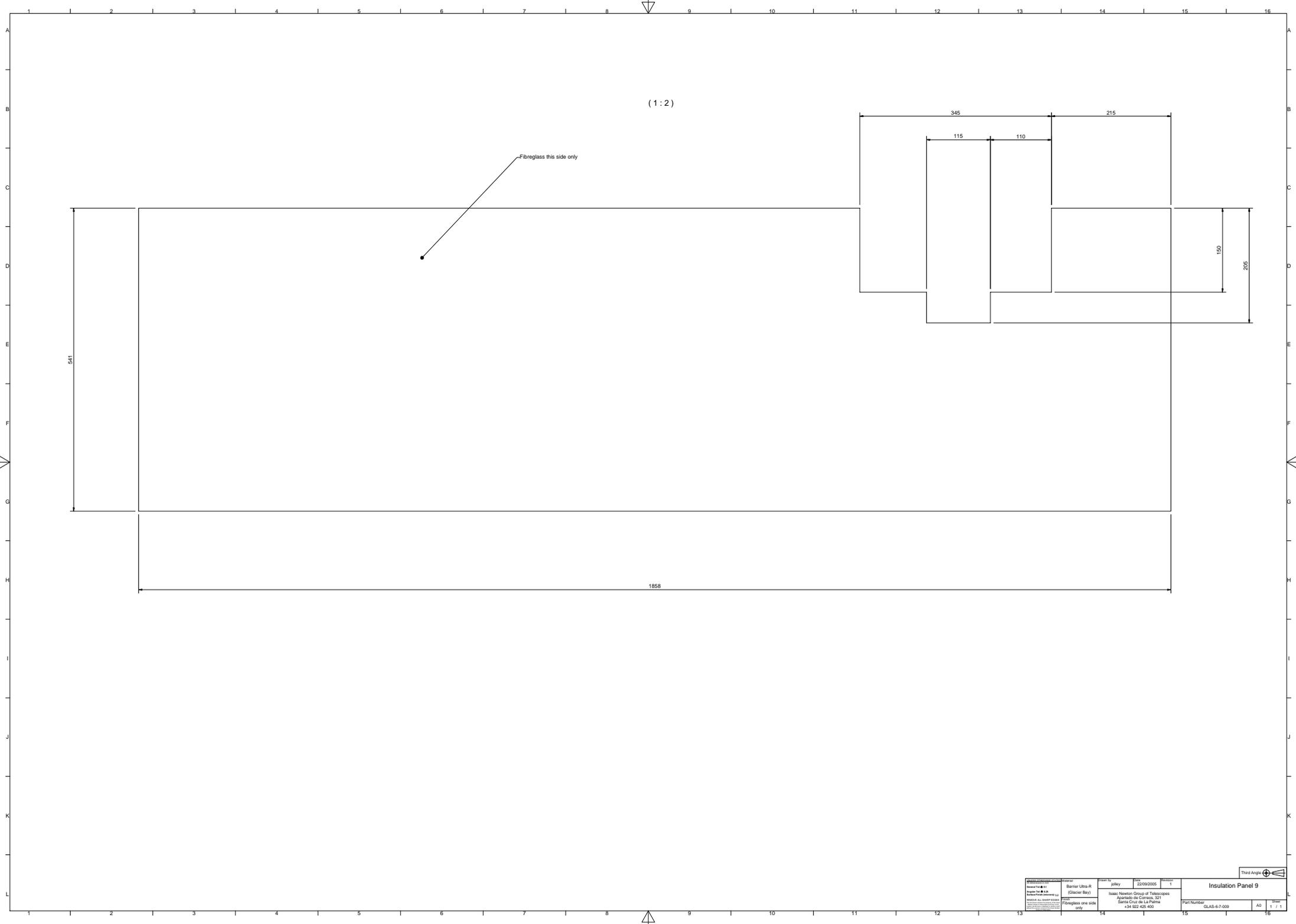
ISAC Ingeniería y Construcción S.A. General Tel. 011 Angular Tel. 011 Surface Finish (ISO 9001:2008) 3.2 <small>RESERVE ALL RIGHTS RESERVED. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of ISAC.</small>		Material Barrier Ultra-R (Glacier Bay) Finish Fibreglass one side only	Drawn by jolley	Date 22/09/2005	Revision 1	Insulation Panel 6 Part Number GLAS-6-7-006	A1	Sheet 1 / 1
Isaac Newton Group of Telescopes Apartado de Correos, 321 Santa Cruz de La Palma +34 922 425 400								





ISLAS CRISTÓBAL COLÓN S.A.S. Edif. Simón Bolívar General Tol. # 6-1 Angulo Tol. # 0-25 Surface Finish (norma) 3-2 <small>RESERVE ALL RIGHTS RESERVED. This drawing is the property of ISLAS CRISTÓBAL COLÓN S.A.S. and is not to be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of ISLAS CRISTÓBAL COLÓN S.A.S.</small>		Material Barrier Ultra-R (Glacier Bay)	Drawn by jolley	Date 22/09/2005	Revision 1	Insulation Panel 7
Finish Fibreglass one side only			Isaac Newton Group of Telescopes Apartado de Correos, 321 Santa Cruz de La Palma +34 922 425 400		Part Number GLAS-6-7-007	





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Fibreglass this side only

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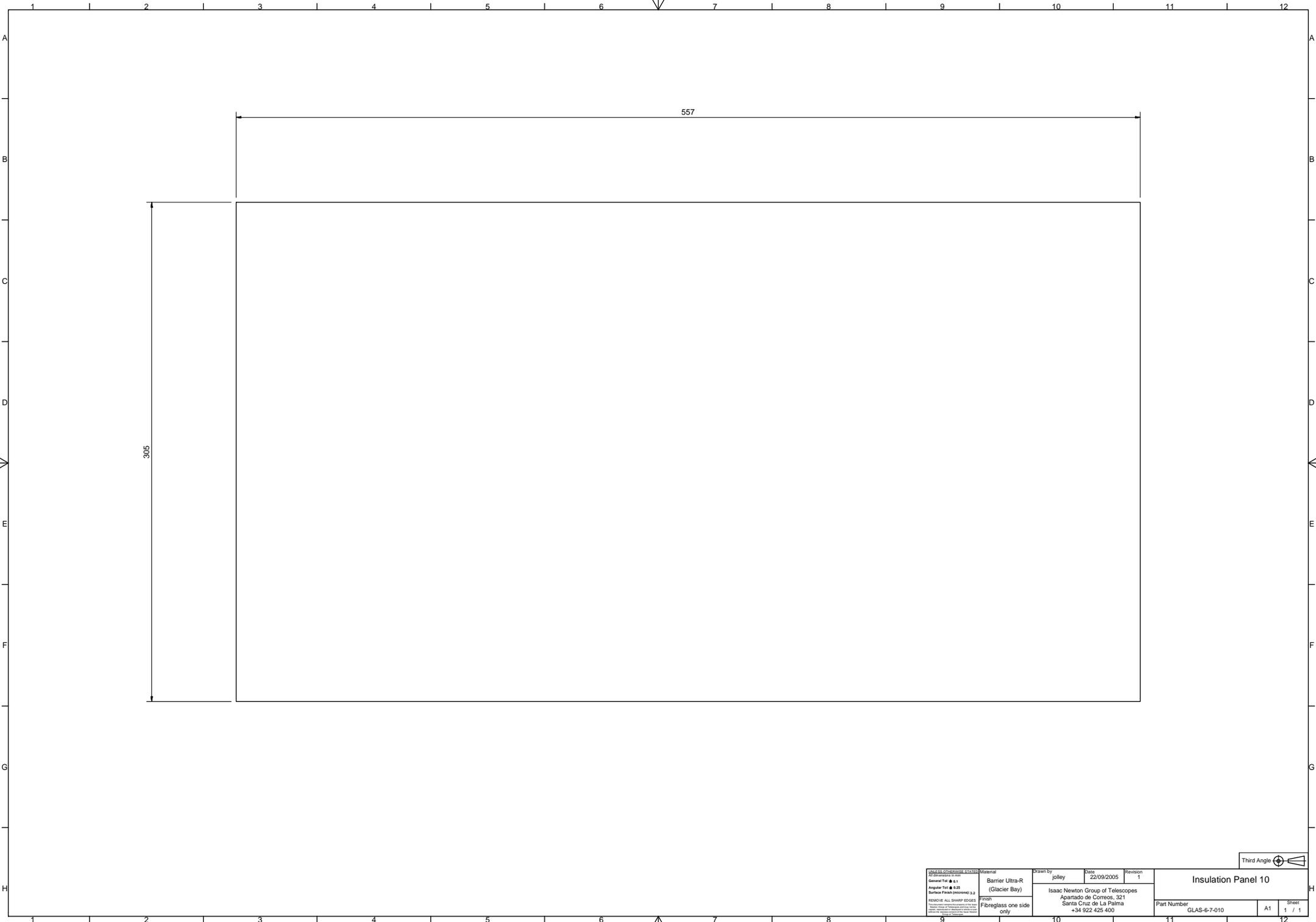
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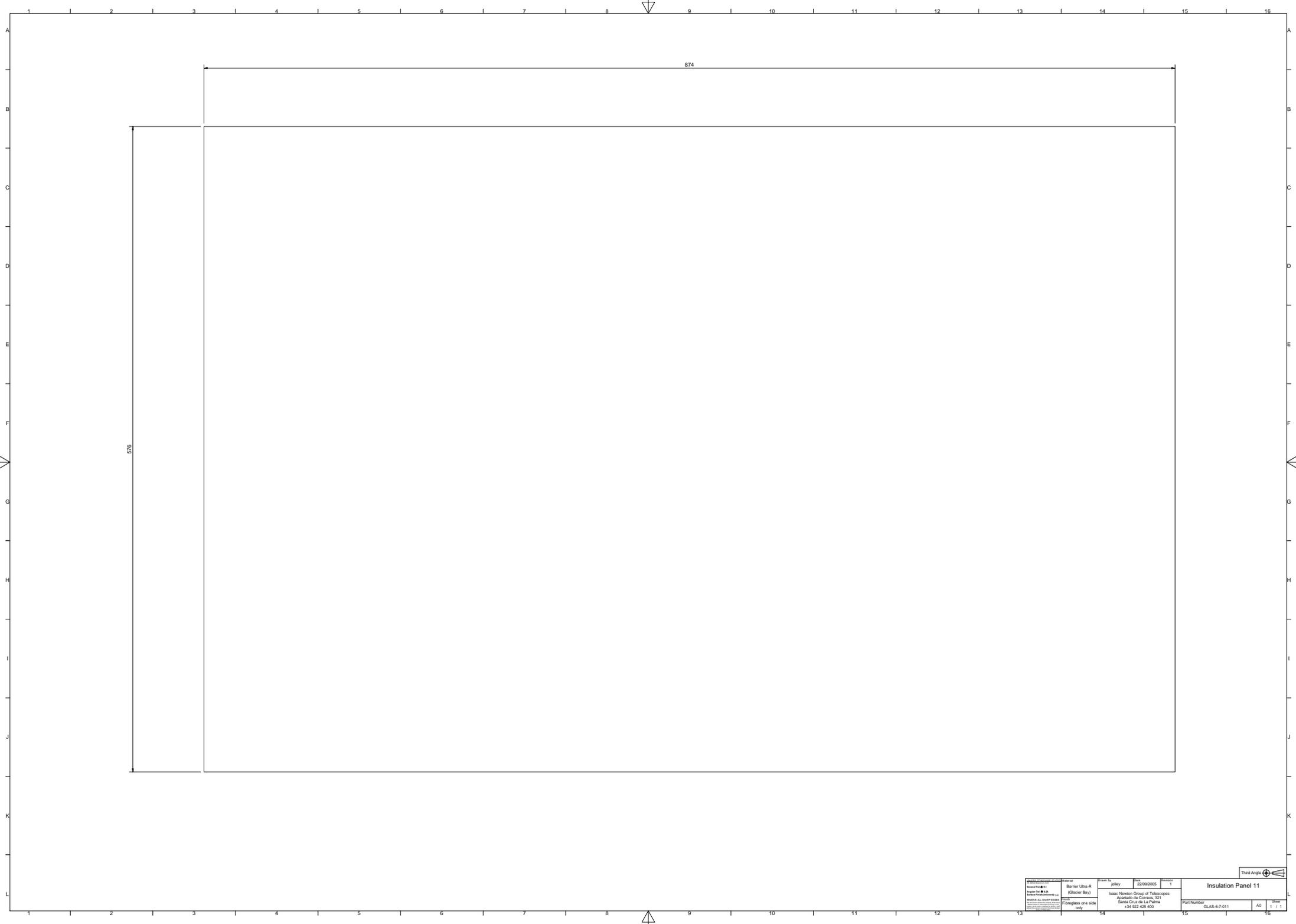
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<small> INSTITUCIÓN DE INVESTIGACIONES CIENTÍFICAS Y TECNOLÓGICAS INSTITUTO DE INVESTIGACIONES CIENTÍFICAS Y TECNOLÓGICAS INSTITUTO DE INVESTIGACIONES CIENTÍFICAS Y TECNOLÓGICAS </small>		Material Starliner Ultra-R (Glass/ Fibre)	Drawn by gliby	Date 22/09/2005	Project 1
<small> INSTITUCIÓN DE INVESTIGACIONES CIENTÍFICAS Y TECNOLÓGICAS INSTITUTO DE INVESTIGACIONES CIENTÍFICAS Y TECNOLÓGICAS INSTITUTO DE INVESTIGACIONES CIENTÍFICAS Y TECNOLÓGICAS </small>		Issued by Agostinho da Costa, 521 Santa Cruz de la Sierra	Insulation Panel 9		
<small> INSTITUCIÓN DE INVESTIGACIONES CIENTÍFICAS Y TECNOLÓGICAS INSTITUTO DE INVESTIGACIONES CIENTÍFICAS Y TECNOLÓGICAS INSTITUTO DE INVESTIGACIONES CIENTÍFICAS Y TECNOLÓGICAS </small>		Fibreglass on one side only	Part Number GLAS-6-7-009	AD	Sheet 1 / 1





ISAC ISAC GROUP OF TELESCOPES General Tel: 011		Material Barrier Ultra-R (Glacier Bay)	Drawn by jolley	Date 22/09/2005	Revision 1	Insulation Panel 10
Angles Tol: 0.25 Surface Finish (per ISO 13053): 3.2		Finish Fibreglass one side only	Isaac Newton Group of Telescopes Apartado de Correos, 321 Santa Cruz de La Palma +34 922 425 400		Part Number GLAS-6-7-010	



576

874

<small> 100% 1:1 50% 2:1 25% 4:1 12.5% 8:1 6.25% 16:1 3.125% 32:1 1.5625% 64:1 0.78125% 128:1 0.390625% 256:1 0.1953125% 512:1 0.09765625% 1024:1 0.048828125% 2048:1 0.0244140625% 4096:1 0.01220703125% 8192:1 0.006103515625% 16384:1 0.0030517578125% 32768:1 0.00152587890625% 65536:1 0.000762939453125% 131072:1 0.0003814697265625% 262144:1 0.00019073486328125% 524288:1 0.000095367431640625% 1048576:1 0.0000476837158203125% 2097152:1 0.00002384185791015625% 4194304:1 0.000011920928955078125% 8388608:1 0.0000059604644775390625% 16777216:1 0.00000298023223876953125% 33554432:1 0.000001490116119384765625% 67108864:1 0.0000007450580596923828125% 134217728:1 0.00000037252902984619140625% 268435456:1 0.000000186264514923095703125% 536870912:1 0.0000000931322574615478515625% 1073741824:1 0.00000004656612873077392578125% 2147483648:1 0.000000023283064365386962890625% 4294967296:1 0.0000000116415321826934814453125% 8589934592:1 0.00000000582076609134674072265625% 17179869184:1 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