


GENERAL INFORMATION

3RD ANGLE PROJECTION 

DO NOT SCALE - IF IN DOUBT, ASK

REMOVE ALL SHARP EDGES AND BURRS

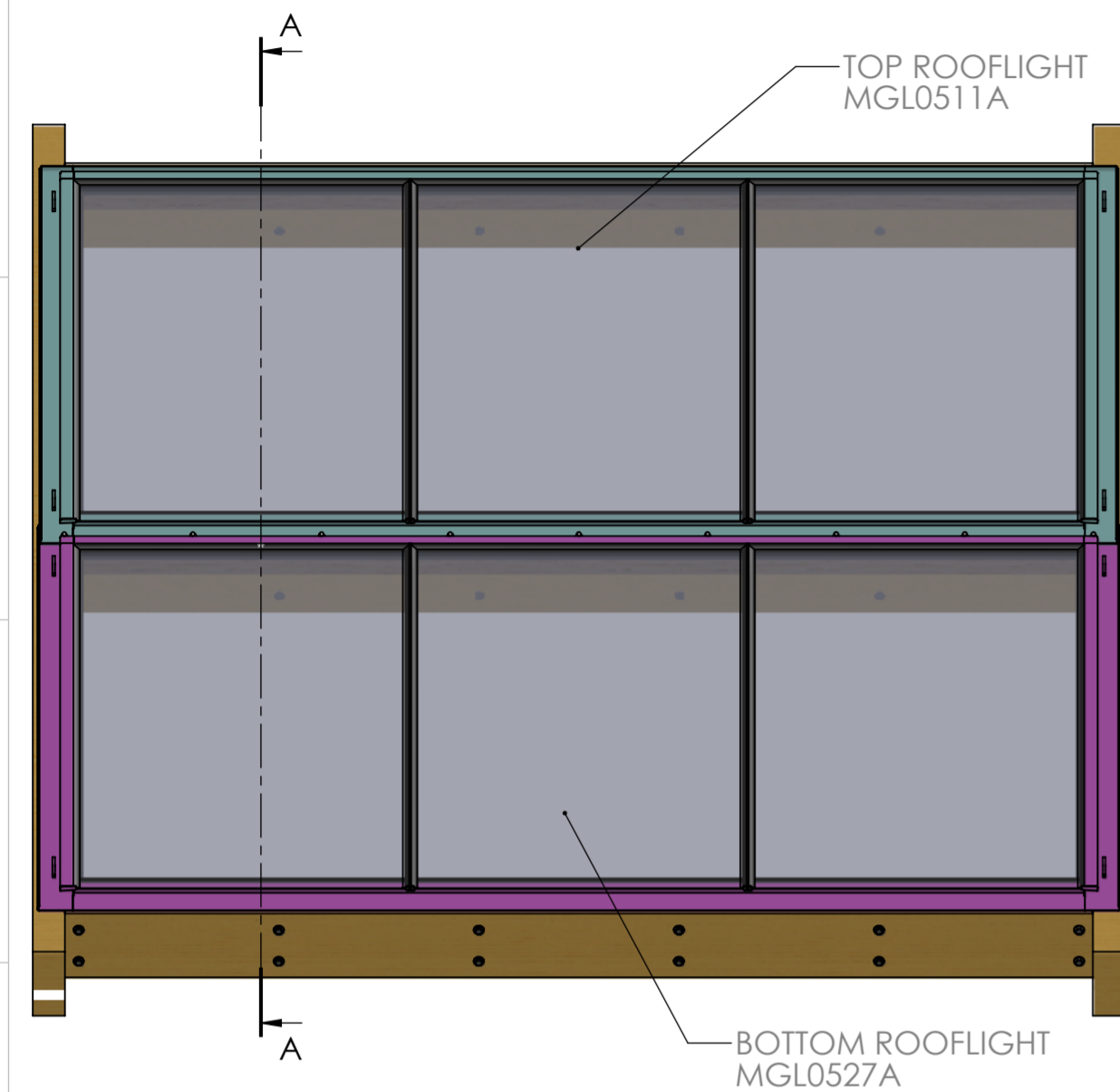
NOTE:
 INSTALLER TO PROVIDE ADEQUATE FITTING ALLOWANCE TO ALL SIDES OF ROOF OPENING TO ENSURE EASE OF INSTALLATION

ROOFLIGHT TO BE SUPPLIED FULLY GLAZED
ENVIRONMENT CATEGORY - C5

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MGL0511A	BESPOKE FIXED STELLA CONSERVATION ROOFLIGHT GA - TOP SECTION	1
2	MGL0527A	BESPOKE FIXED STELLA CONSERVATION ROOFLIGHT GA - BOTTOM SECTION	1
3	5x40 CSK 316 GRADE ST STEEL WOODSCREWS		11
4	M8 HEX DOMED NUT - A2 ST STEEL	M8 DOMED HEX NUT - A4 ST STEEL	9
5	WASHER349	M8 (FORM C) PLAIN FLAT WASHER - A2 ST STEEL	9

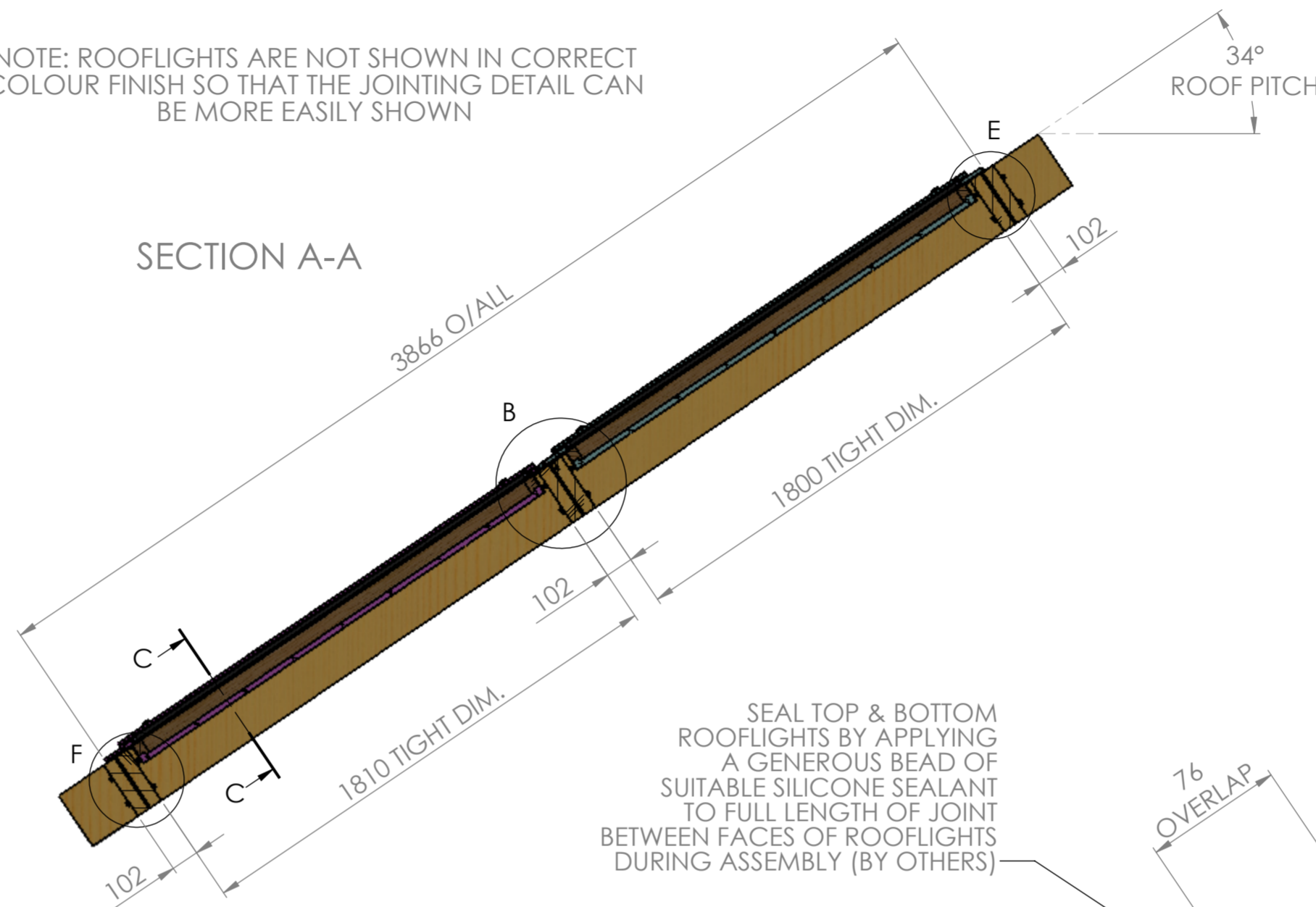
TOLERANCES UNLESS OTHERWISE SPECIFIED

LINEAR - 0 DECIMAL PLACES	±1.0mm
LINEAR - 1 DECIMAL PLACES	±0.50mm
LINEAR - 2 DECIMAL PLACES	±0.15mm
ANGULAR	±1.0°
SURFACE FINISH - GENERAL	3.2 µm
SURFACE FINISH - MACHINED	1.6 µm
SURFACE FINISH - GROUND	0.4 µm
SURFACE FINISH - POLISHED	0.2 µm
SCREW THREAD - INTERNAL	6H
SCREW THREAD - EXTERNAL	6g



NOTE: ROOFLIGHTS ARE NOT SHOWN IN CORRECT COLOUR FINISH SO THAT THE JOINTING DETAIL CAN BE MORE EASILY SHOWN

SECTION A-A



9 OFF M8 - 316 GRADE ST STEEL FORM C FLAT WASHERS & M8 316 GRADE ST STEEL DOMED HEX NUTS FITTED TO THREADED STUDS ATTACHED TO BOTTOM ROOFLIGHT TO CREATE A SEALED OVERLAPPING JOINT.

11 OFF 5x40 CSK - 316 GRADE ST STEEL WOODSCREWS FITTED ON ASSEMBLY TO CONSTRAIN LOWER ROOFLIGHT FLAT AGAINST STRUCTURAL FRAMING.

SEAL TOP & BOTTOM ROOFLIGHTS BY APPLYING A GENEROUS BEAD OF SUITABLE SILICONE SEALANT TO FULL LENGTH OF JOINT BETWEEN FACES OF ROOFLIGHTS DURING ASSEMBLY (BY OTHERS)

76 OVERLAP

TOP ROOFLIGHT (INSTALL SECOND)

ROOFLIGHT CSK FIXING HOLES TO FIXING ANGLES

BOTTOM ROOFLIGHT (INSTALL FIRST)

INTERIOR WOODEN LINER WITH REBATE FOR DECORATION

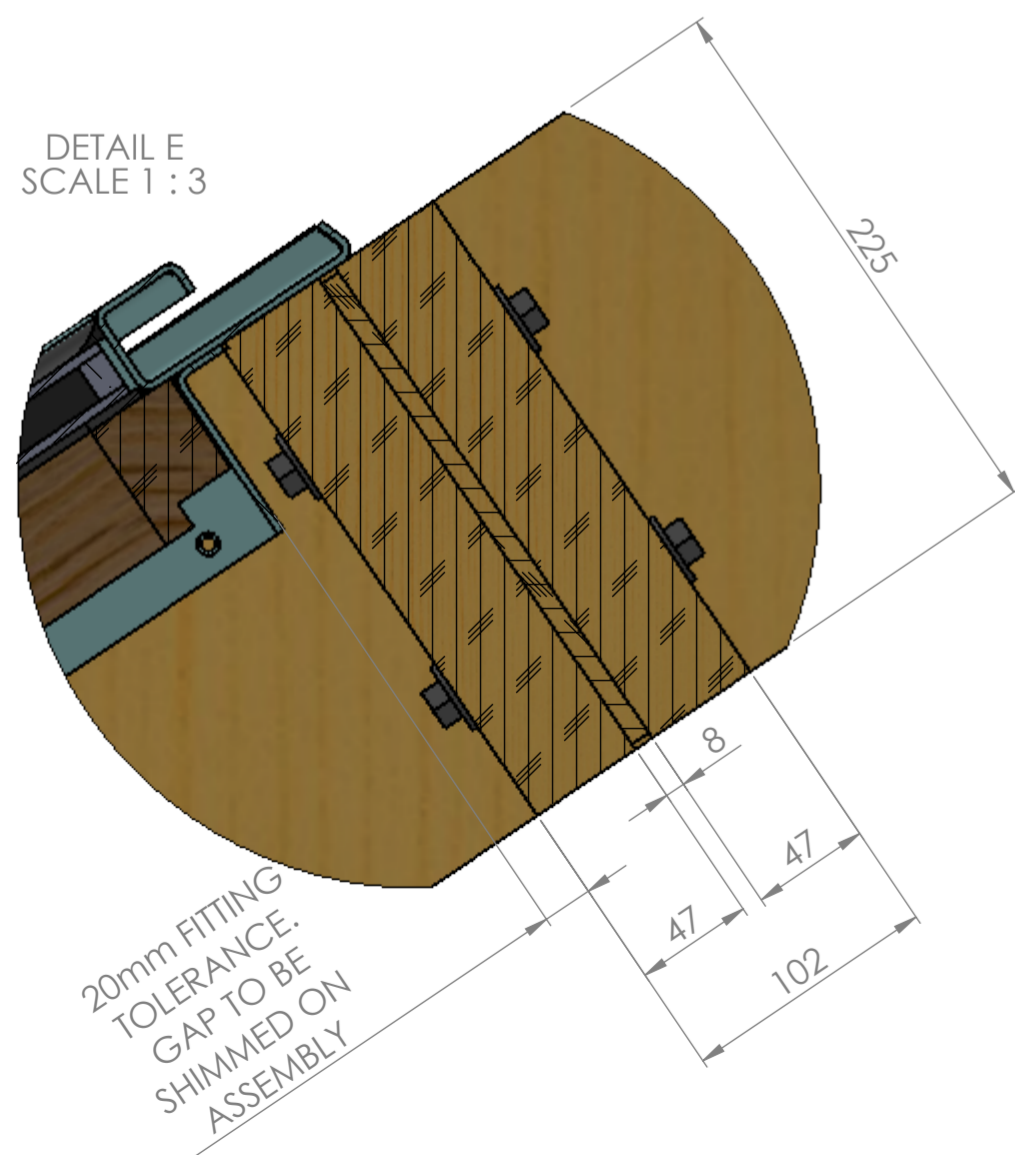
20mm FITTING TOLERANCE. GAP TO BE SHIMMED ON ASSEMBLY

STRUCTURAL SUPPORT FRAMEWORK TO RUN FULL LENGTH OF JOINT BETWEEN BOTH ROOFLIGHTS (BY OTHERS)

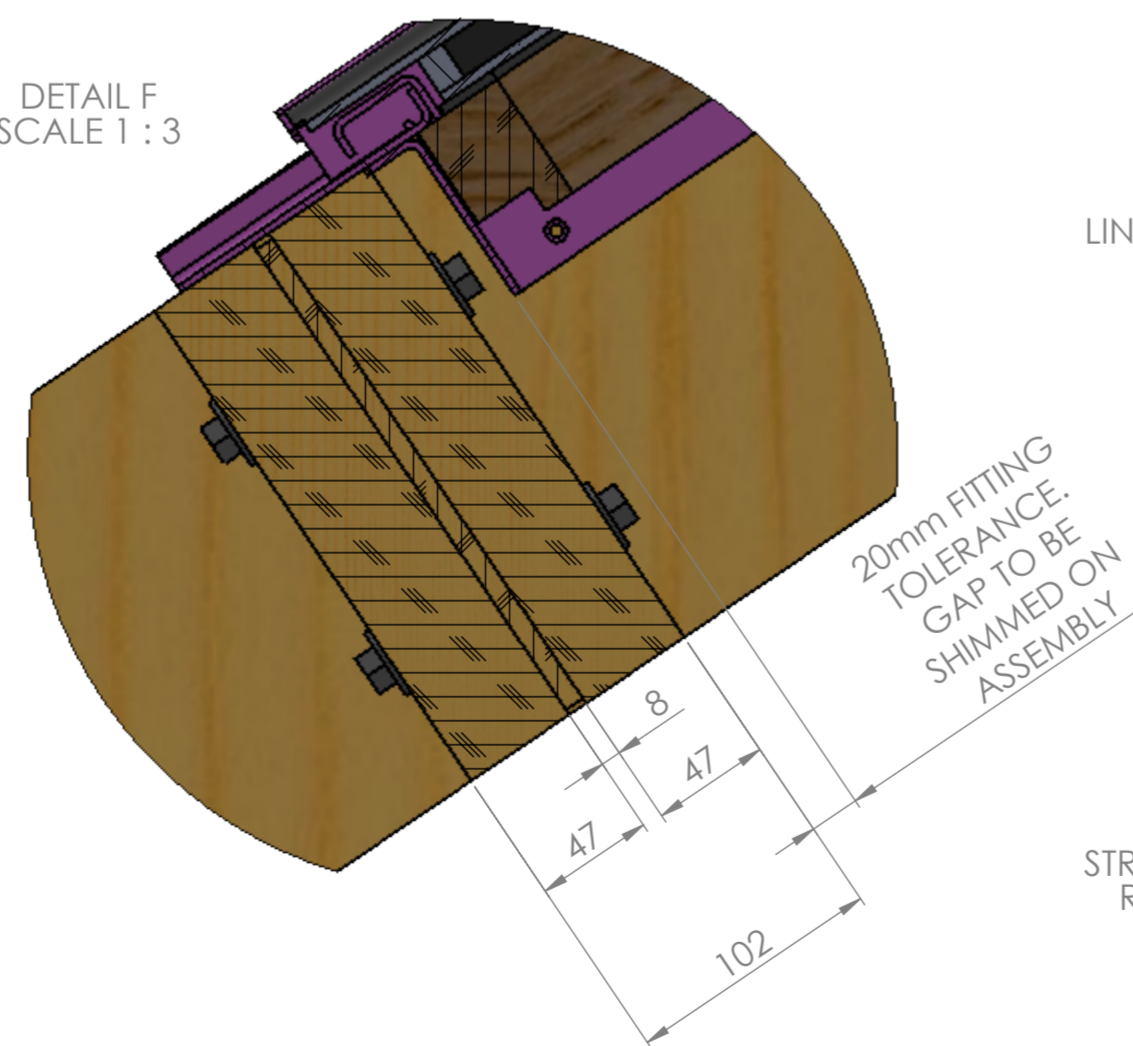
20mm FITTING TOLERANCE. GAP TO BE SHIMMED ON ASSEMBLY

DETAIL B SCALE 1 : 3

DETAIL E SCALE 1 : 3



DETAIL F SCALE 1 : 3



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SHEET: 1 OF 3 - A2
 DATE: 20/09/20


DRAWN: S.C
 SCALE: 1:20
 WEIGHT: 404
 UNITS: mm; kg

TITLE: STELLA BESPOKE FIXED ROOFLIGHT INSTALLATION GA
 REF: 581

MATERIAL: 316 ST STEEL
 SEALS/SEALANT COLOUR: BLACK/BLACK
 FINISH: SWEEP BLAST & POWDER COAT PZ790 SYSTEM MNA05F BLACK TEXTURED FINISH

PART TYPE: MANUFACTURED
 PART REF: MGL0534A
 DRG. No. MGL0534A ISSUE: 2

GENERAL INFORMATION

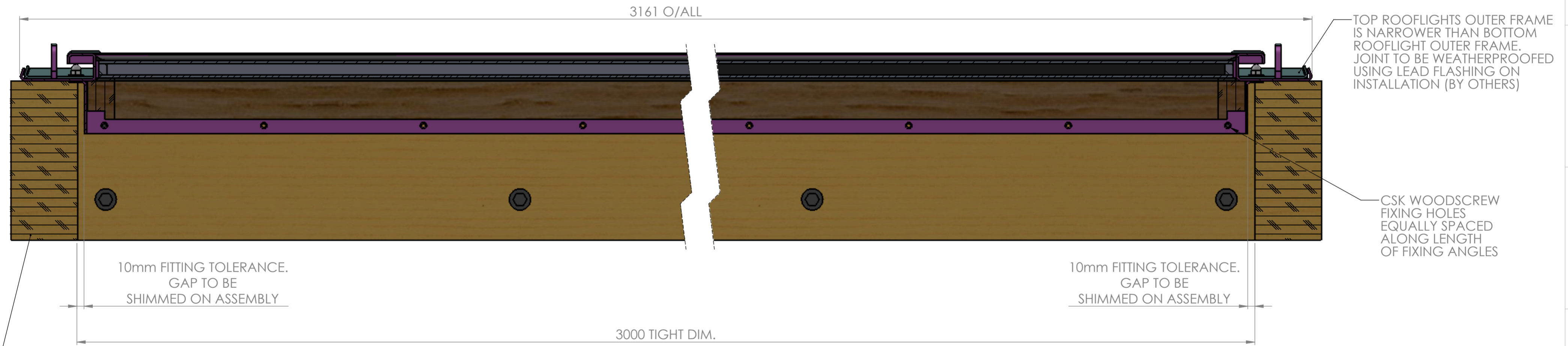
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SURFACE FINISH - POLISHED	0.2 µm
SCREW THREAD - INTERNAL	6H
SCREW THREAD - EXTERNAL	6g


SECTION C-C
SCALE 1 : 4



ROOFLIGHT FRAMING DETAIL TO BE PROVIDED BY CLIENT TO SUIT ROOFLIGHT LOADINGS

	<small>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF METAL & GLASS LTD. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT WRITTEN PERMISSION IS STRICTLY PROHIBITED</small>	DRAWN: S.C SCALE: 1:20	TITLE: STELLA BESPOKE FIXED ROOFLIGHT INSTALLATION GA	MATERIAL: 316 ST STEEL	PART TYPE: MANUFACTURED
	SHEET: 2 OF 3 - A2	WEIGHT: 404	REF: 581	SEALS/SEALANT COLOUR: BLACK/BLACK FINISH: SWEEP BLAST & POWDER COAT PZ790 SYSTEM MNA05F BLACK TEXTURED FINISH	PART REF: MGL0534A
	DATE: 20/09/20	UNITS: mm; kg			DRG. No. MGL0534A ISSUE: 2

GENERAL INFORMATION

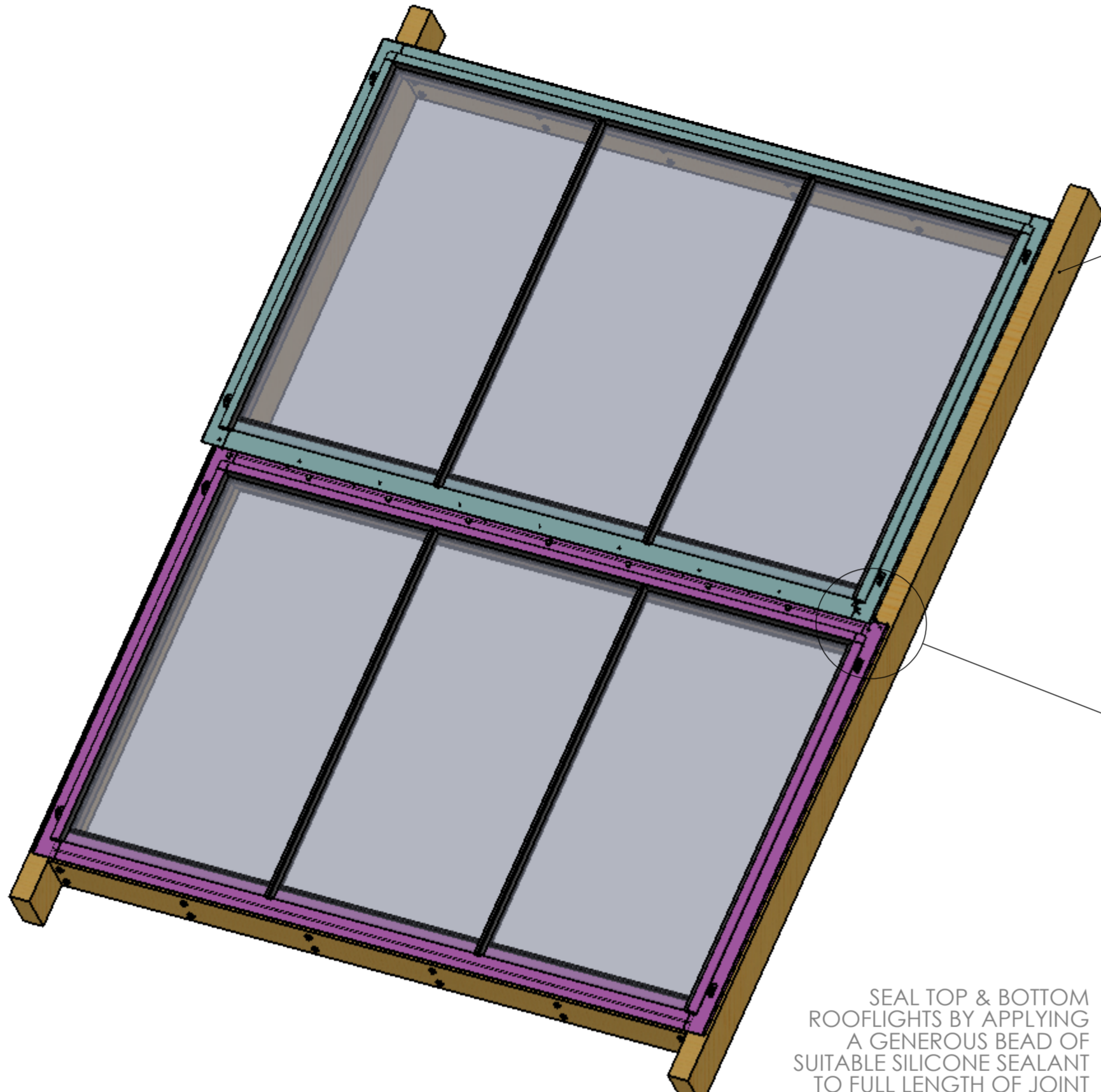
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ROOFLIGHT FRAMING DETAIL TO BE PROVIDED BY CLIENT TO SUIT ROOFLIGHT LOADINGS

LIFTING EYE WELDED TO EACH ROOFLIGHT'S OUTER FRAME 4 POSITIONS

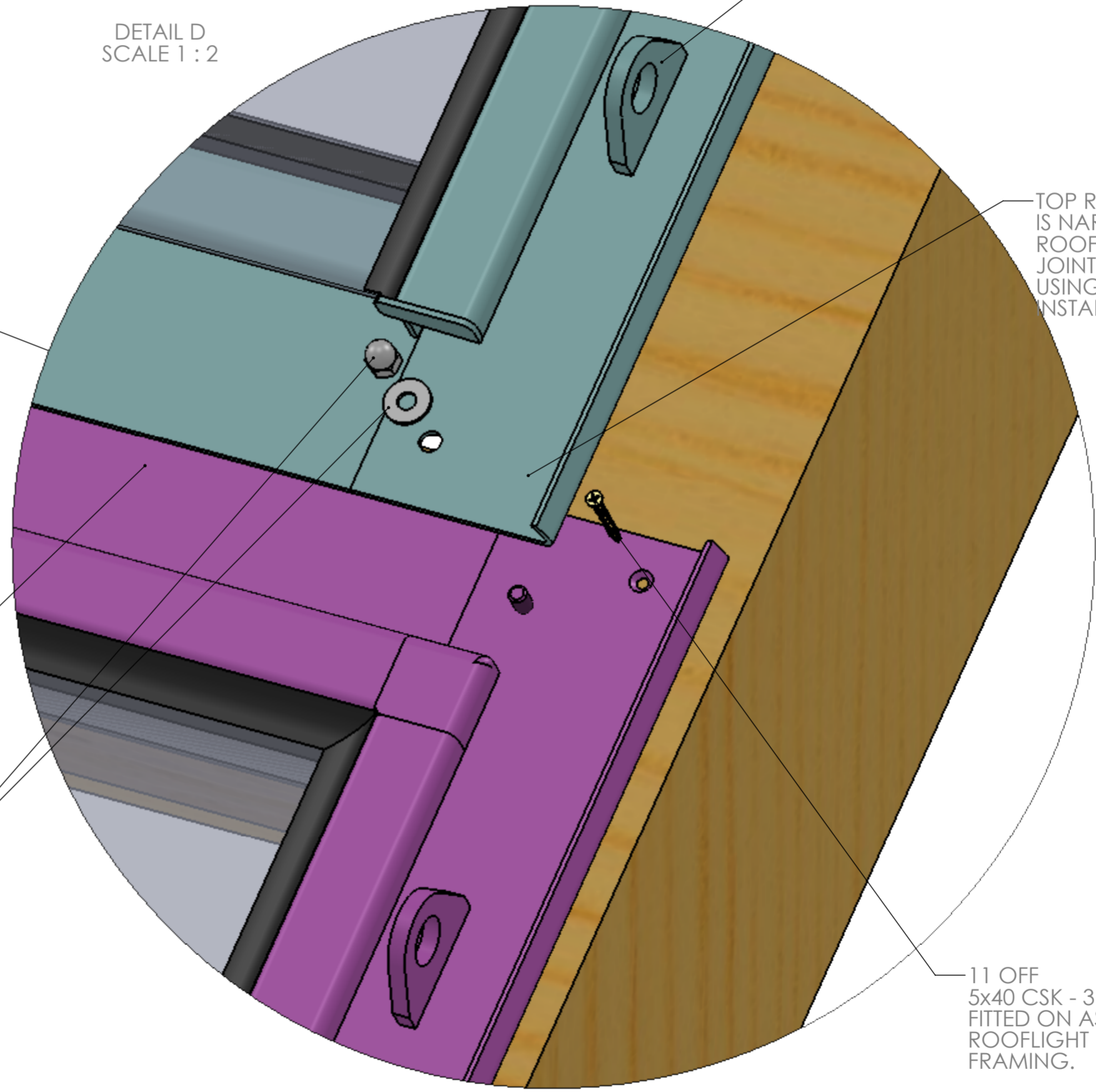
DETAIL D
SCALE 1 : 2

TOP ROOFLIGHTS OUTER FRAME IS NARROWER THAN BOTTOM ROOFLIGHT OUTER FRAME. JOINT TO BE WEATHERPROOFED USING LEAD FLASHING ON INSTALLATION (BY OTHERS)

SEAL TOP & BOTTOM ROOFLIGHTS BY APPLYING A GENEROUS BEAD OF SUITABLE SILICONE SEALANT TO FULL LENGTH OF JOINT ON ASSEMBLY (BY OTHERS)

9 OFF
M8 - 316 GRADE ST STEEL FORM C FLAT WASHERS & M8 - 316 GRADE ST STEEL DOMED HEX NUTS INSTALLED ON ASSEMBLY TO CONSTRAIN TOP ROOFLIGHT AGAINST BOTTOM ROOFLIGHT

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5x40 CSK - 316 GRADE ST STEEL WOODSCREWS FITTED ON ASSEMBLY TO CONSTRAIN LOWER ROOFLIGHT FLAT AGAINST STRUCTURAL FRAMING.



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