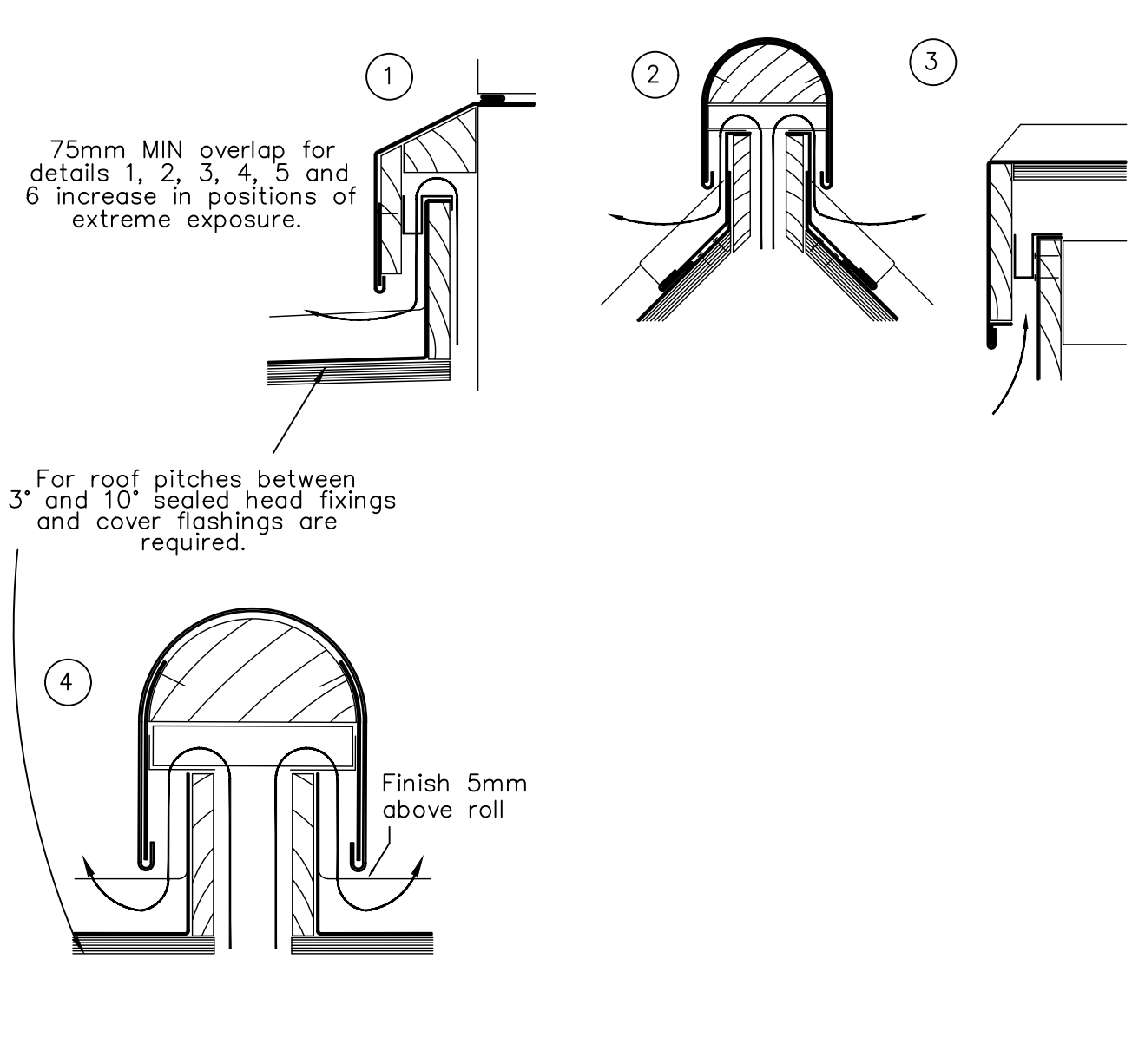


THIS IS A GRADE II LISTED BUILDING

SPECIFICATION AND DESIGN CONSIDERATIONS

- To avoid risks with condensation leadwork should be laid on ventilated roof constructions which conform to current Building Regulations and the recommendations in British Standards 5250 and 6229.
- Where ventilation is detailed minimum 150mm upstand is required.

- Key to details.
- Fly screen
- Ventilation gap – refer to British Standards



Standard Detail Sheet No. 30R
Title Ventilation Details

Material
0.7mm stainless steel, vinyl coated GRP insect mesh

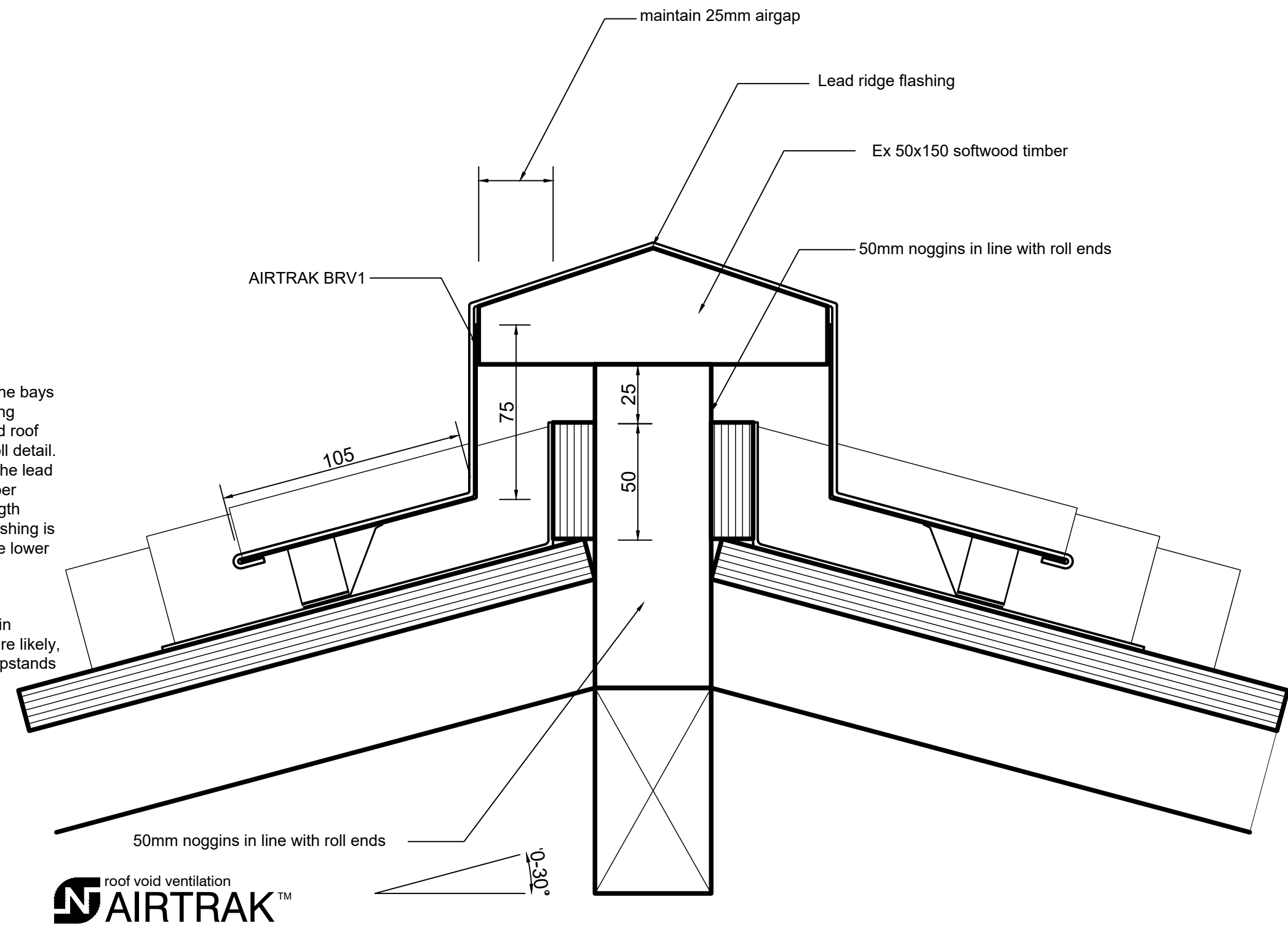
Ventilation
25mm continuous air gap equivalent

Dimensions
OA 180mm girth. Any length up to 1000mm

Compatibility
For ventilating lead ridge details from 0-30 degrees

Installation
Any nail fixings to the pitched lead roof covering that are in the top of the bays should be sealed with solder or lead burned dots. The lead roof covering should be dressed up the 50mm vertical face at the head of the pitched roof and should be joined in a waterproof manner at the junction with the roll detail. The 50mm noggins should ideally be located so that they line up with the lead rolls. The BRV1 is pre bent to suit the roof pitch and is fixed to the timber support using non ferrous fixings. The ventilator can be trimmed to length using a large pair of tin snips so that it sits between the rolls. A lead flashing is dressed over the ridge and down over the ventilator being welted to the lower edge and restrained using the CF Clipfast Clips.

Severe Exposure
For coastal and very exposed locations this ventilator can be supplied in 1.0mm 316 grade stainless steel. Where extreme weather conditions are likely, consideration should be given to providing more weathering cover to upstands and slating or tiling to improve the integrity of the detail.



NOTES

- No dimensions are to be scaled from this drawing except for planning purposes.
- Contractors must verify all figured dimensions on site before commencing any work or making any stop drawings.
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- Site Location Plans are prepared from the Ordnance Survey Map with the sanction of the Controller of H.M. Stationery Office. Crown Copyright Reserved.

1 513 Traditional Ventilation Details

2 513 Ridge Ventilation Detail

Material
0.7mm stainless steel, vinyl coated GRP insect mesh

Ventilation
25mm continuous air gap equivalent

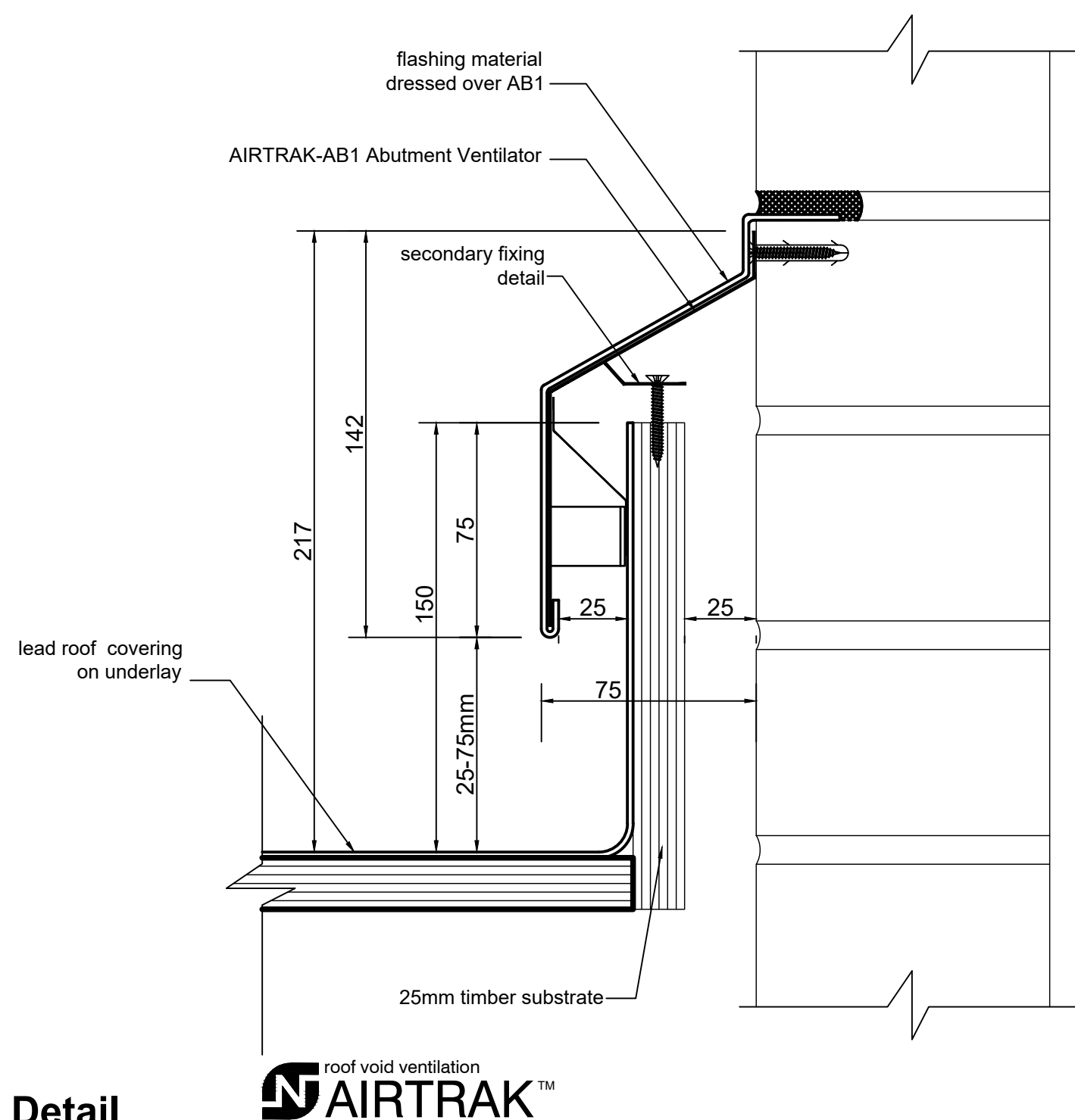
Dimensions
OA girth 180mm, length 1000mm

Compatibility
All roof coverings up to 4mm in thickness including liquid applied, single ply membranes and metal roof coverings

Installation
The AB 1 is fitted over the ventilated upstand and screwed to the abutment wall using non ferrous fixings. Secondary fixings should be installed to prevent wind uplift. Lengths should be butted together. The ventilator can be mitred at corners and trimmed to length with a large pair of tin snips. A code 4 or 5 lead flashing is required and dressed over the ventilator. The flashing should be screwed or wedged into a chase in the abutment wall and pointed to weather the flashing. The lower edge of the flashing should be welted around the bottom edge of the ventilator to prevent wind uplift.

Severe Exposure
For coastal and very exposed locations this ventilator can be supplied in 1.0mm 316 grade stainless steel. Where extreme weather conditions are likely, consideration should be given to providing more weathering cover to upstands and slating or tiling to improve the integrity of the detail.

To specify
Airtrak AB1 Abutment Ventilator



3 513 Abutment Ventilation Detail

Rev	Description	By	Date
Drawing Status			
PROPOSED			
			
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Project			
Arundel Town Hall			
Arundel			
Drawing Title			
ROOF DETAILS - VENTILATION SHEET 4			
Scale	Date	Drawn	Checked
@ A1	5/08/20	MF	DS
Drawing Number	Rev.	Project Number	
513		455947	