

ASHZIP™ Enviro-Roofs



green roof detailing guide

www.ashandlacy.com



Green Roofs may seem like a modern innovation, yet they are a proven technology that has been around for centuries.

In Iceland and Norway roofs covered in grass helped combat the extreme climate, whilst the modern movement for green roofs began in Germany as long ago as the 1960s.

Today, particularly in the light of climate change, the concept is attracting more and more interest from architects and builders. It is one of the most important growing movements in the construction industry.

Ash & Lacy have the products, expertise and past experience to help assure the success of green roof projects.



Perimeter detailing

Ash & Lacy manufacture a full range of bespoke perimeter fabrications to include box fascia, bullnose and aerofoil shapes. These can easily be incorporated into the design and assistance on perimeter detailing is available from Ash & Lacy's technical department along with a range of standard details.

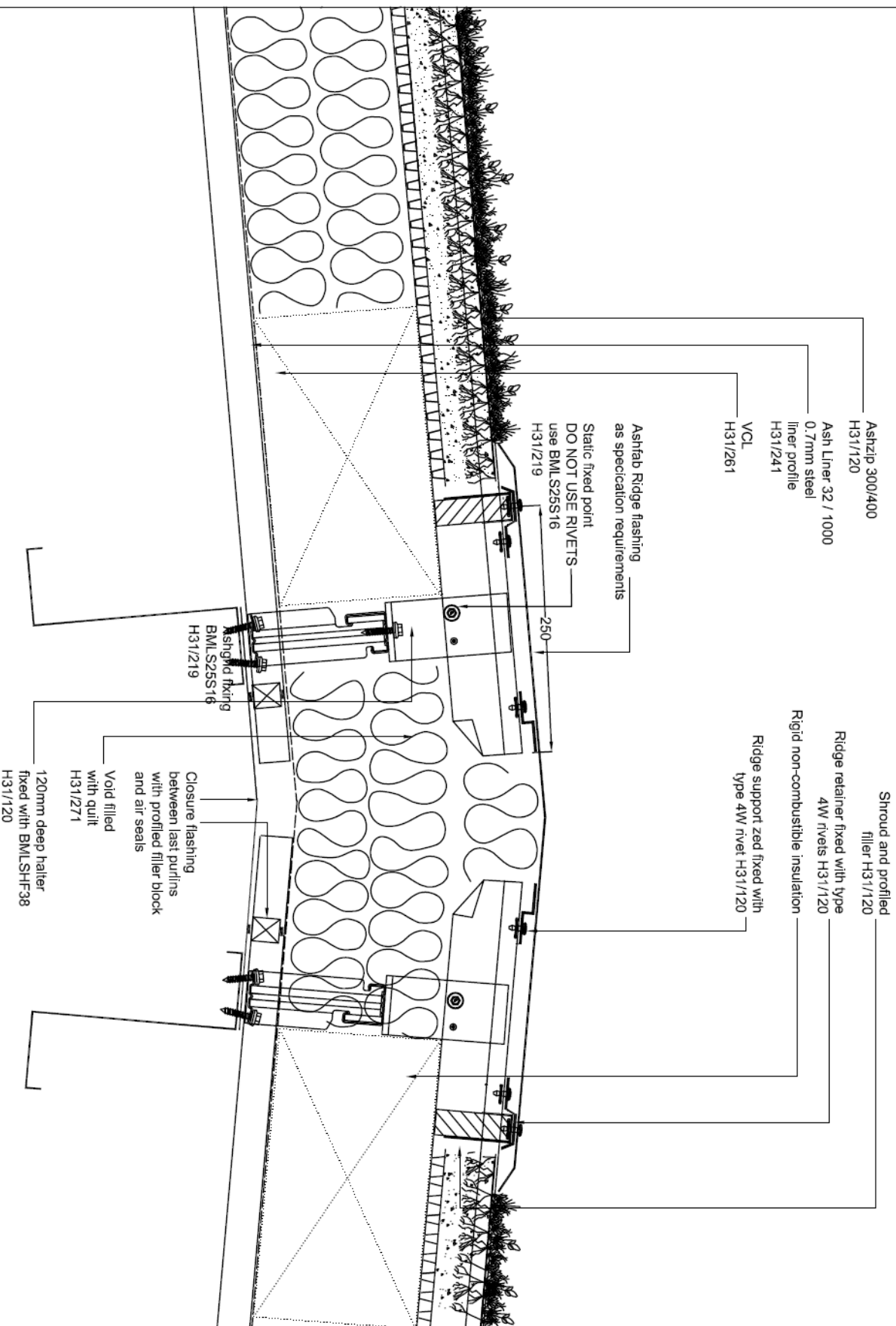
The perimeter details can either have an attractive washed river stone border which can act as a fire break, or for a more cost effective finish the green roof element can carry to the edge of the roof and tuck underneath the perimeter fabrications.

Ash & Lacy's standard perimeter details are shown on the following pages.

For further construction details relating to system build ups & U values please refer to the full Ashzip design guide.



Aldi store, Ludlow



NOTES:

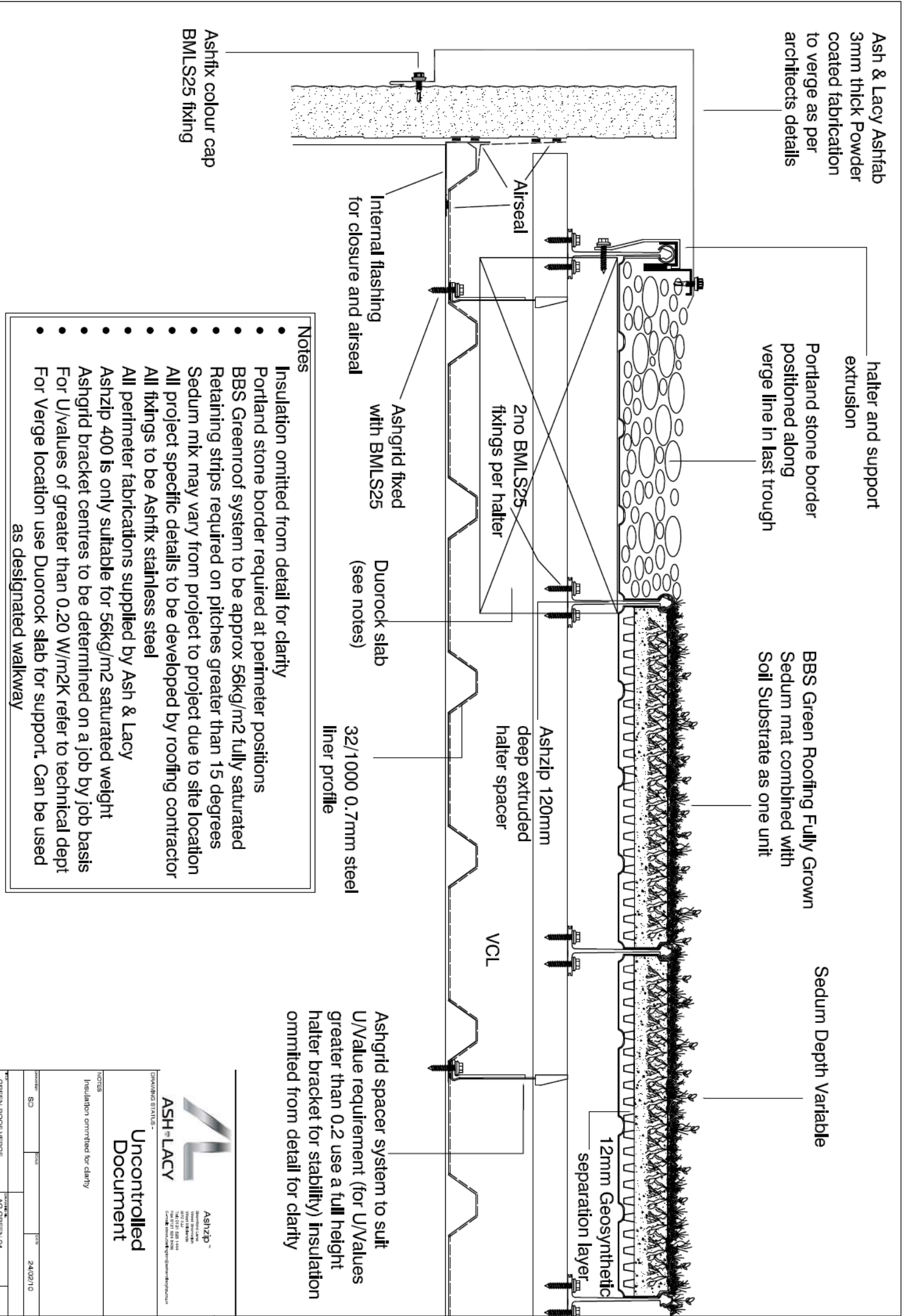
1. For static fixed points, do not use rivets drilled into the head of the halter.
2. Option A for supporting ridge can cause a crease line if operatives frequently walk in this area.
3. For static fixed points the screw should be as low in the upstand as possible to ensure zipper rolls do not hit the fixings when zipping up
4. Ridge flashing as per architects specification for closely visible areas do not use 0.9mm stucco aluminium
5. Detail shown is based on standard construction above purlins
6. All perimeters & penetrations to be fully airsealed in accordance with the project specification
7. 32/1000/200 liner profile- 0.7mm steel fixed in accordance with drawing FIX 02
8. The end of the Ashzip at the ridge should be 200mm from the filler and shroud.
9. Use a separation tape where there are dissimilar materials
10. Halter depths & U values stated based on 0.040 insulation
11. Refer to Architects full NBS Spec for VCL requirements



Uncontrolled Document

REVISION	SD	DATE	NTS	DATE
GREEN RIDGE DETAIL				23/02/10
AG GREEN 03				

To be read in accordance with Ashzip™ NBS H31 specification



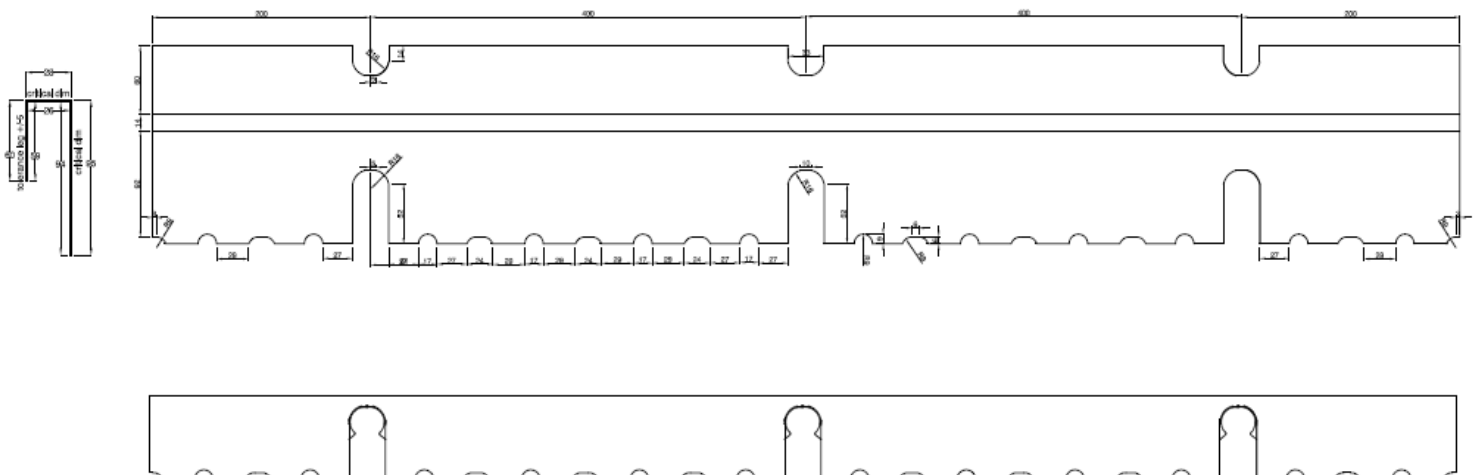
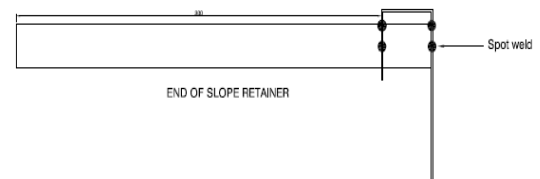
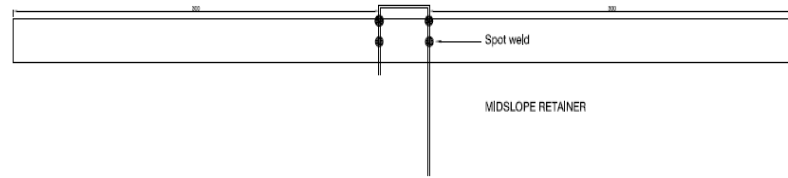
Retaining the sedum

For pitches greater than 12° a retention strip is used to hold the growing medium and the sedum in place. There are two types of retention strip, which are, an end retainer and an intermediate retainer.

These components are manufactured in the same method as a profiled ridge closure but have a clamping Omega section welded in place which hand crimps to the Ashzip seams and cover two sheet widths for ease of installation.

The intermediate retainers have the Omega section on both sides of the retaining strip to offer maximum load resistance to the green roof element, whereas the end retainer has the Omega section on one side so it does not hang over the roof.

Please see images of the retainer below and to the right.



Green roof installation phases

Adnams Brewery



Structure erected



Roof covering installed



Growing medium layed



Sedum installation



Sedum installation complete



Green roof established

Fabrications and Flashings
Fasteners and Accessories
Over-Roof Conversion Systems
Rainscreen Cladding Systems
Standing Seam Roofing Systems
Spacer Support Systems

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