

Green roof construction:
 Extensive green roof
 Built-up bitumen roofing
 160mm PIR insulation
 plywood deck
 Rafter to SE design
 Birch faced plywood ceiling

Roof construction:
 Standing seam zinc roofing
 Timber I-joists w/Air space, 300mm wood fibre insulation
 Airtight OSB on existing rafters
 100mm wood fibre insulation between rafters

Wall construction:
 Liquid airtightness membrane applied to existing render
 300 mm wood fibre insulation on joist expanders
 Horizontal timber cladding on battens

Rafter extensions to SE design

Brise soleil

Wall
 Vertical timber cladding
 60mm dense wood fibre
 300mm double stud wall w/
 wood fibre batt insulation
 Airtightness layer
 Plasterboard on battens

Wall construction:
 Liquid airtightness membrane applied
 to existing render
 200 mm wood fibre insulation
 Thin render

100mm XPS insulation below ground
 Render

100mm XPS insulation below ground
 Render

SECTION 1

--- Airtightness line

REVISION	DATE	COMMENTS	AUTHOR / CHECKED
A	16.06.21	Windows and wall makeup updated	RR



Redlands
 George Hill
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 Nature, Science & Creativity

TITLE
 Skylarks - Battisborough Cross

DETAIL
 PROPOSED SECTION 1

DATE	SCALE	REV	AUTHOR / CHECKED
FEB 2021	1:50@A3	A	RR

DRAWING - STATUS
 TENDER ISSUE

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