ROOF CONSTRUCTION:
Colourcoat Urban metal seamed roof - colour RAL 7016
18mm WBP exterior quality plywood deck, on
50 x 50mm treated timber battens, on
50 x 50mm treated timber counter battens, on
Breather membrane laid directly on,
222mm SIP roof panel by Ecological SIP's
38 x 50mm timber horizontal battens screwed to SIPS @ 600mm centres.
YBS SuperQuilt reflective multifoil insulation
38 x 50mm timber vertical battens screwed to SIPS @ 600mm centres.
15mm Gyproc plasterboard and skim finish to u/s

U-value = 0.11 W/m2k

UPPER FLOOR(S) CONSTRUCTION:
Ecological SIP system consisting;
22mm flooring grade chipboard
254mm Easi-joists @ 600mm centres
100mm mineral wool sound insulation fitted between floor joists at ceiling level.
15mm Gyproc plasterboard and skim finish to ceilings

GLAZING:
Energy Glass inner pane, argon filled airspace,
Toughened outer pane.
Set in thermally broken aluminium frames

U-Value = 0.14 W/m2K

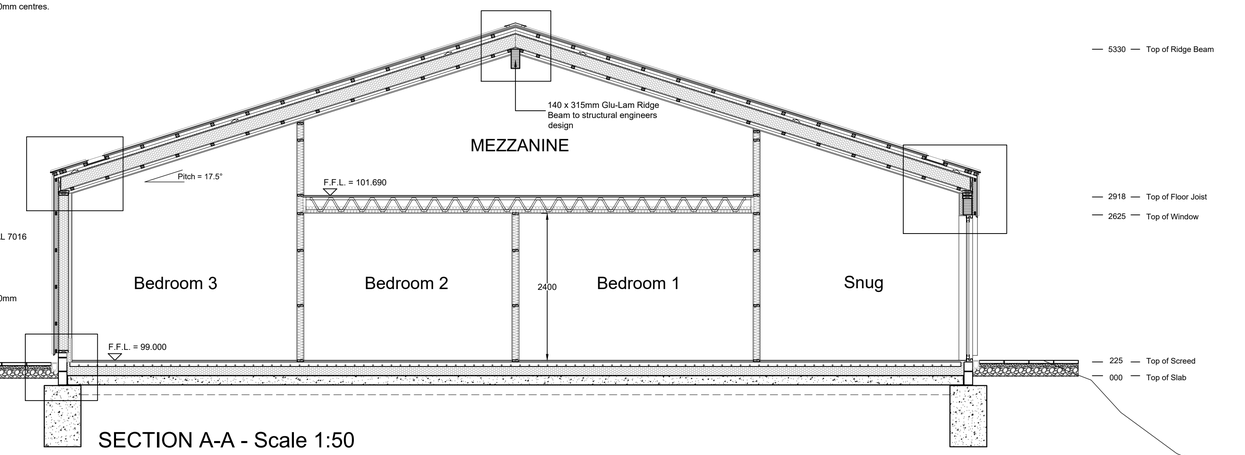
WALL CONSTRUCTION - TIMBER CLADDING:
Colourcoat Urban metal seamed wall cladding - colour RAL 7016
18mm WBP exterior quality plywood deck, on
25 x 50mm treated timber battens, on
25 x 50mm treated timber counter battens, on
Breather membrane laid directly on,
172mm SIP wall panel by Ecological SIP's
38 x 50mm timber vertical battens screwed to SIPS @ 600mm centres.
15mm Gyproc plasterboard and skim finish to u/s

U-Value = 0.18 W/m2K

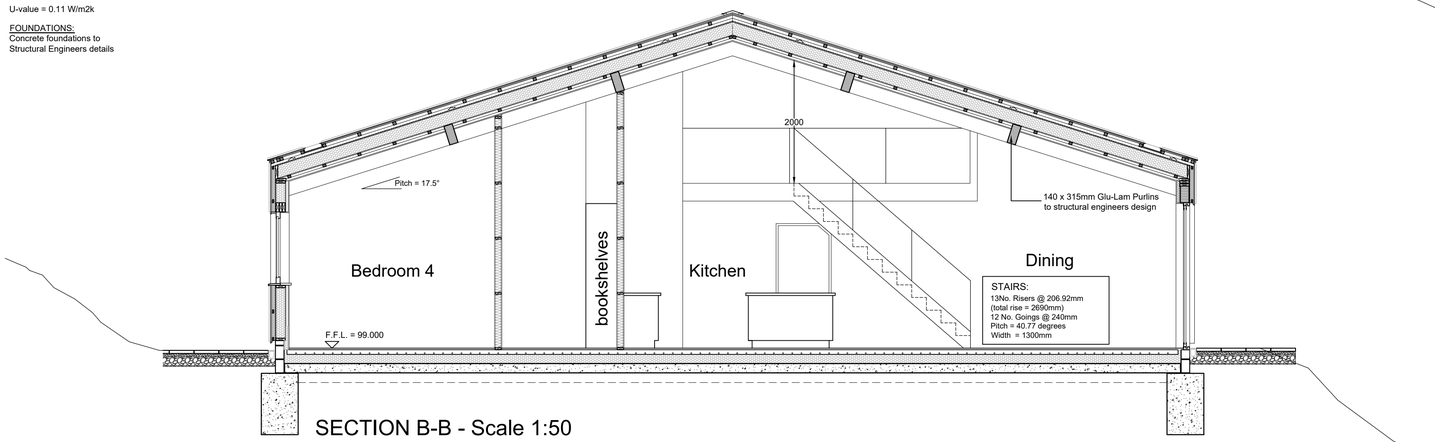
GROUND FLOOR CONSTRUCTION:
25mm floor finish zone
75mm sand:cement screed
vapour control layer
150mm Kingspan Kooltherm K3 insulation boards
150mm concrete ground bearing slab to structural engineers design, on
1200g DPM, on
sand blinded hardcore min.100mm thick

U-value = 0.11 W/m2k

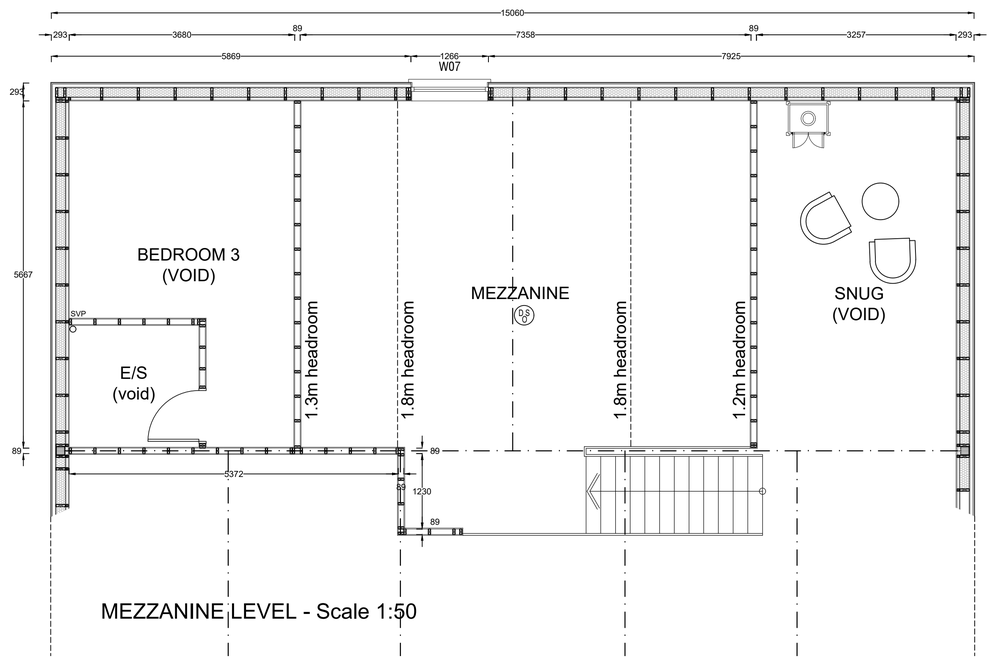
FOUNDATIONS:
Concrete foundations to
Structural Engineers details



SECTION A-A - Scale 1:50



SECTION B-B - Scale 1:50



MEZZANINE LEVEL - Scale 1:50

0 10 20 1:2500
0 10 20 30 40 50 1:1250
0 10 20 1:500
0 1 2 3 4 5 1:200
0 1 2 3 4 5 1:100
0 1 2 1:50
0 0.5 1 1:20
0 0.1 0.2 0.3 1:10

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DESIGNERS RISK ASSESSMENT-
HEALTH AND SAFETY
THE CONSTRUCTION (DESIGN AND MANAGEMENT) REGULATIONS 2015

A design and risk assessment Drawing CDM01 should form part of our drawing package, if you have not received this from us by post, email or by collection please contact us for a copy before moving forward with the project.

NOTES BUILDING REGULATIONS

1. Please refer to the Drawing Issue Sheet, all Drawings and supporting material should be read together with the Construction Notes
2. Any discrepancies between specification notes and details must be clarified for design intention with WDA before continuing with construction.
3. Note: All materials to be confirmed by fire consultant prior to construction. The above material choices are for planning/aesthetic purposes only and confirmation of fire performance should be agreed with specialist. (fixing system behind cladding should also be non combustible A1 or A2 rated and agreed with fire consultant.)

REV.	REVISION DETAILS	BY	CKD	DATE
A	Building Regulation Issue	SL	JT	21.05.24

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CLIENT
Mr & Mrs Kedge

PROJECT
Barn at Slyers Lane, Stinsford

DRAWING TITLE
Mezzanine Plan & Sections

DRAWN BY	CHECKED BY	DATE
SL	JT	28.02.2024

SCALE	JOB NO:
1:50@A1	1819150

DRAWING NO.	REVISION
102	A

BUILDING REGULATIONS

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