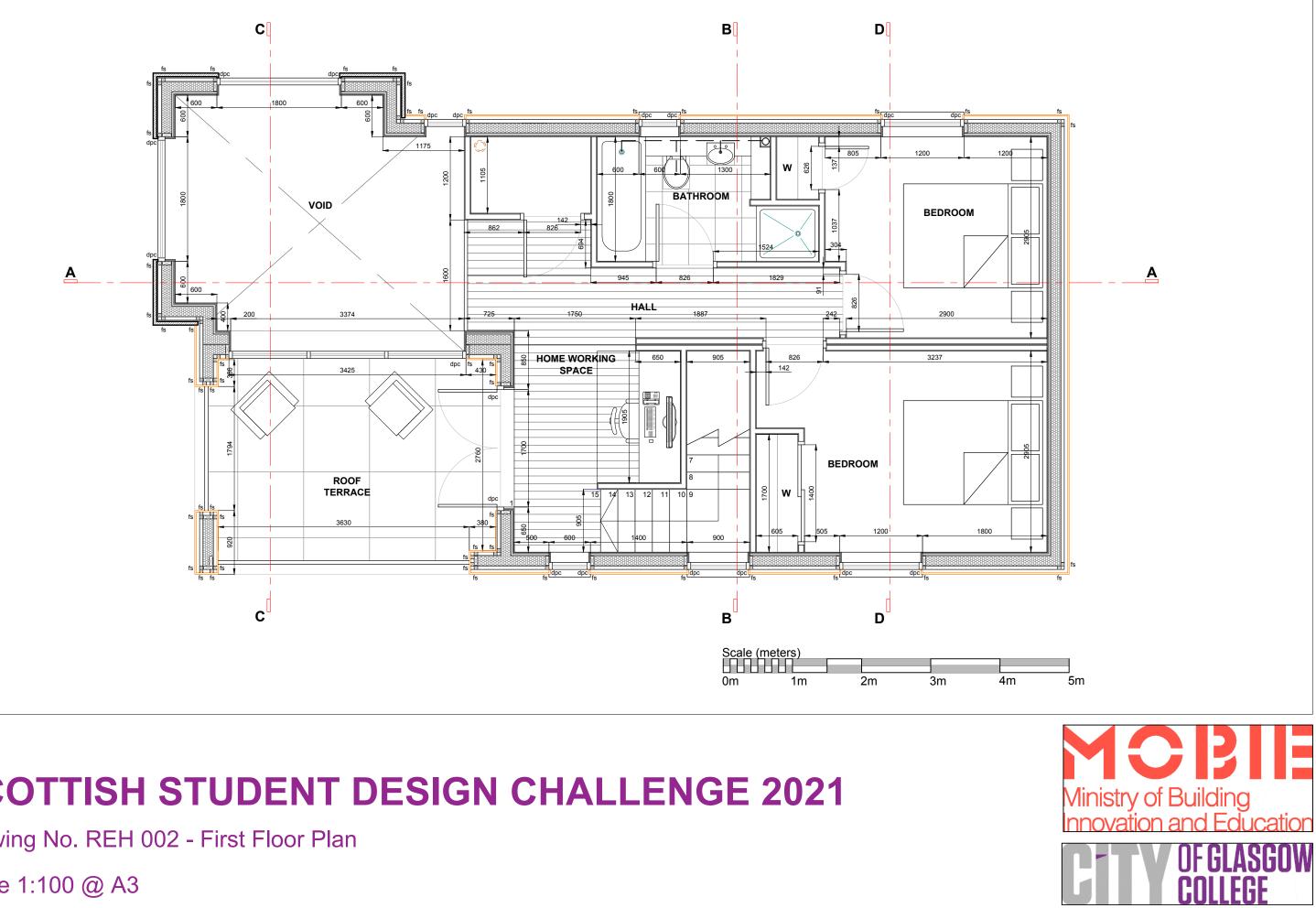


Drawing No. REH 001 - Ground Floor Plan

Scale 1:100 @ A3



Drawing No. REH 002 - First Floor Plan

Scale 1:100 @ A3



Drawing No. REH 003 - Elevations

Scale 1:100 @ A3



Downpipe to discharge to 200 litre waterbutt Facade Finishes indicated are existing for reference information only.

Facade materials to be removed as part of relocation works. New facade materials form part of design challenge

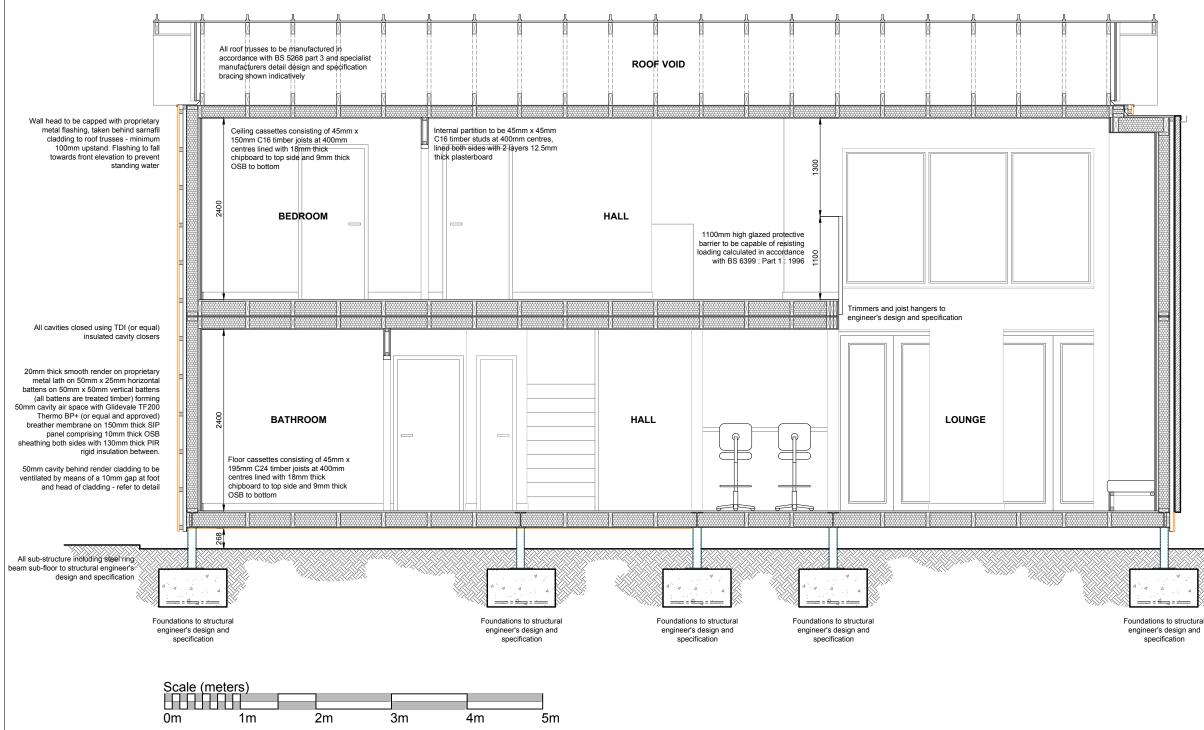
Refer to Scottish Student Design Challenge brief for further information

MATERIALS SCHEDULE

- 1 Vertical Timber Cladding Larch
- 2 Smooth Lime Render White
- 3 Sarnafil Single Ply Membrane Grey
- (4) Stone Cladding Fernhill or Equivalent
- 5 Dryseal GRP Roofing

Scale (meters)					
nnnn	R		_		
0m	1m	2m	3m	4m	5m



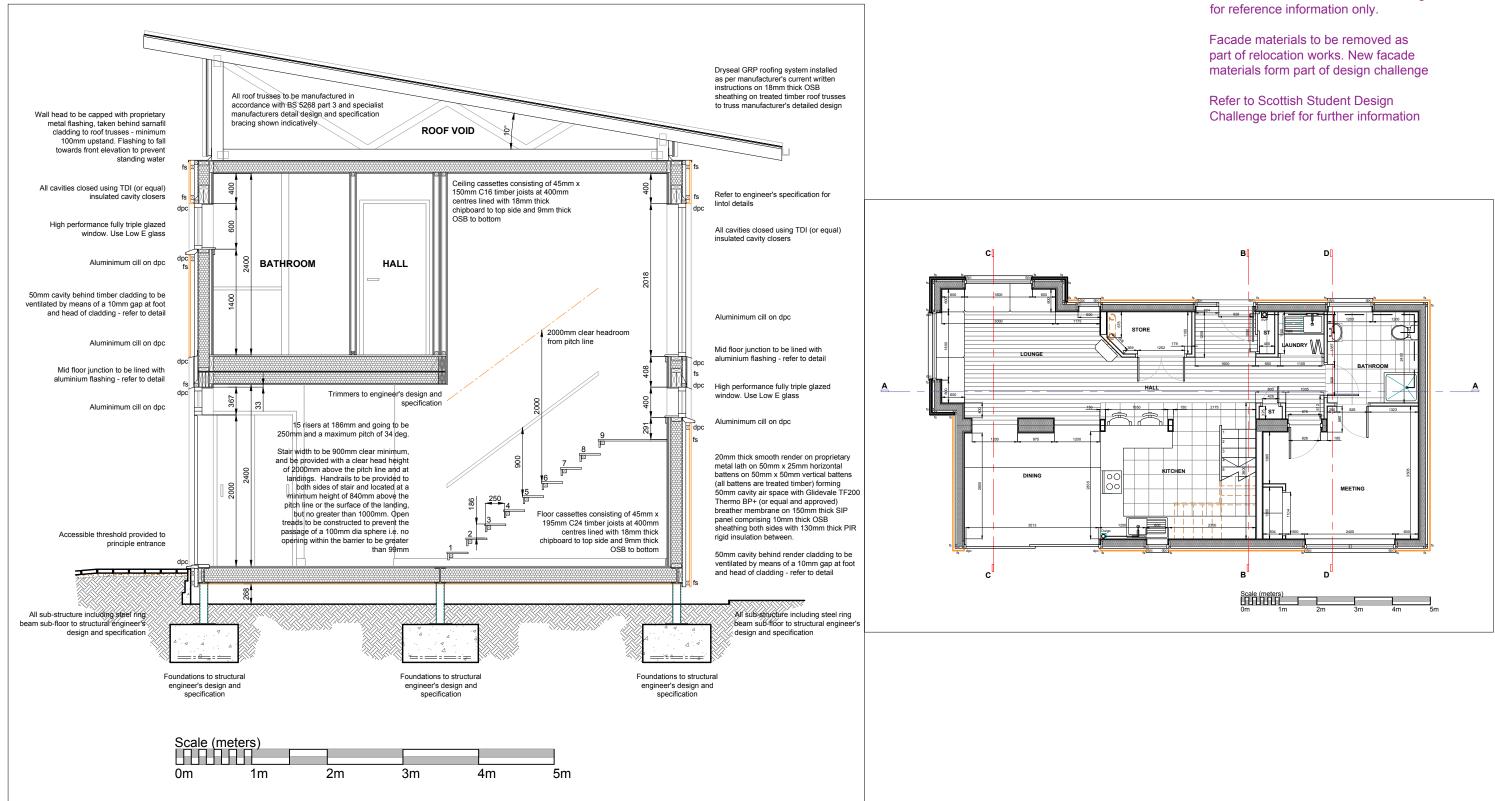


Drawing No. REH 004 - Long Section A-A

Scale 1:50 @ A3

Note: Facade Finishes indicated are existing for reference information only. Facade materials to be removed as part of relocation works. New facade materials form part of design challenge Dryseal GRP roofing system installed as per manufacturer's current written Refer to Scottish Student Design instructions on 18mm thick OSB Challenge brief for further information sheathing on treated timber roof trusses to truss manufacturer's detailed design Wall head to be capped with GRP roofing taken behind sarnafil cladding to roof trusses - minimum 100mm upstand. Roofing and substrate to be installed on firring pieces to fall to gutter to prevent standing water 50mm thick moulded stone cladding bonded to 18mm thick OSB sheathing with proprietary lath on 50mm x 50mm treated timber battens forming 50mm cavity air space with Glidevale TF200 Thermo BP+ (or equal and approved) breather membrane on 150mm thick SIP panel comprising 10mm thick OSB sheathing both sides with 130mm thick PIR rigid insulation between. Internal lining consists of Knauf Vapourshield vapour barrier (or equal and approved) with 25mm x 50mm treated timber battens at 600mm centres, lined with 2 no. layers 12.5mm plasterboard, staggered joints with taped finish All cavities closed using TDI (or equal) insulated cavity closers For ground floor construction and ventilation details refer to specification 150mm minimum solum void to be provided below ground floor All sub-structure including steel ring beam sub-floor to structural engineer's design and specification



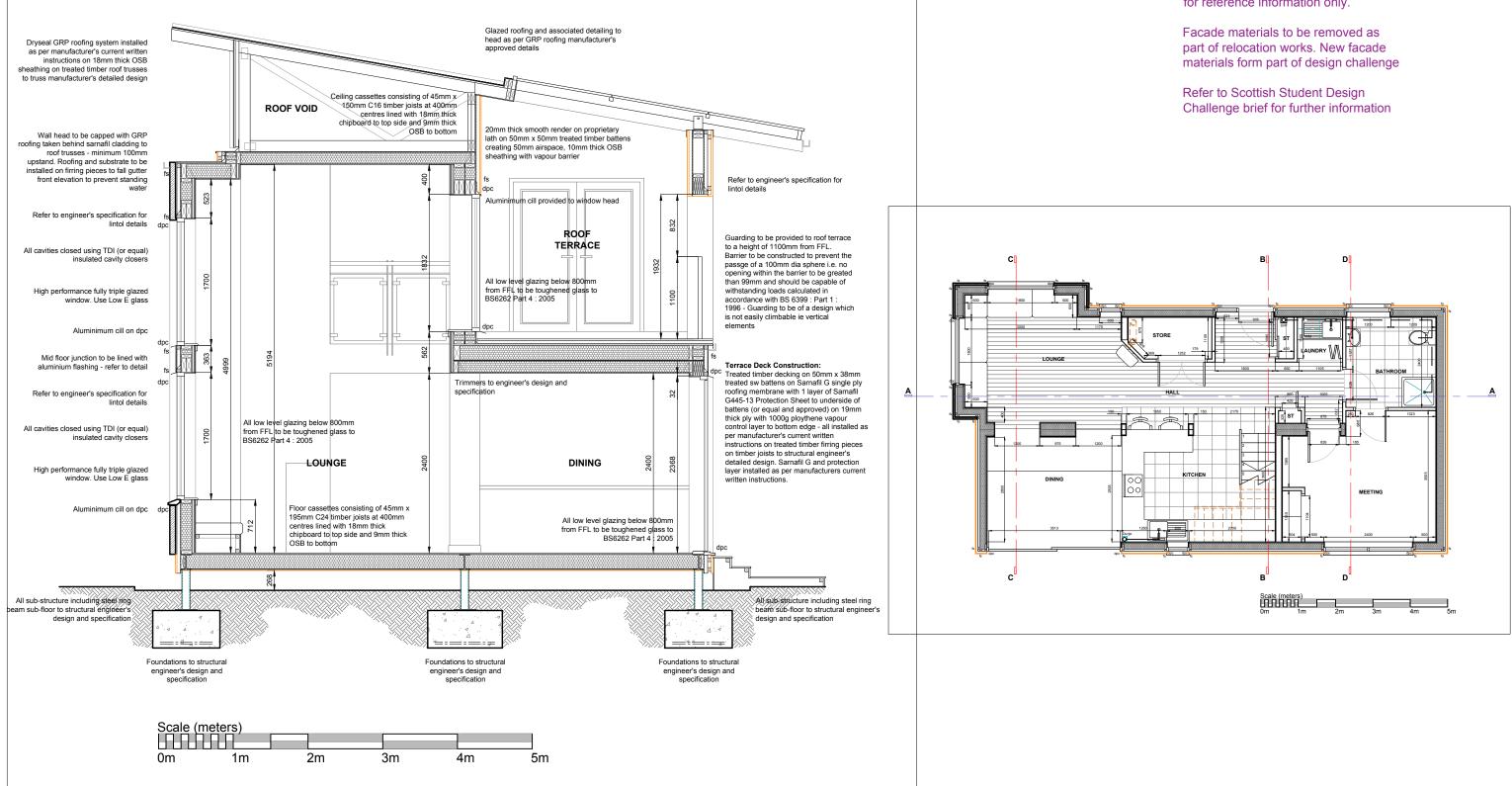


Drawing No. REH 005 - Cross Section B-B

Scale 1:50 @ A3

Note: Facade Finishes indicated are existing



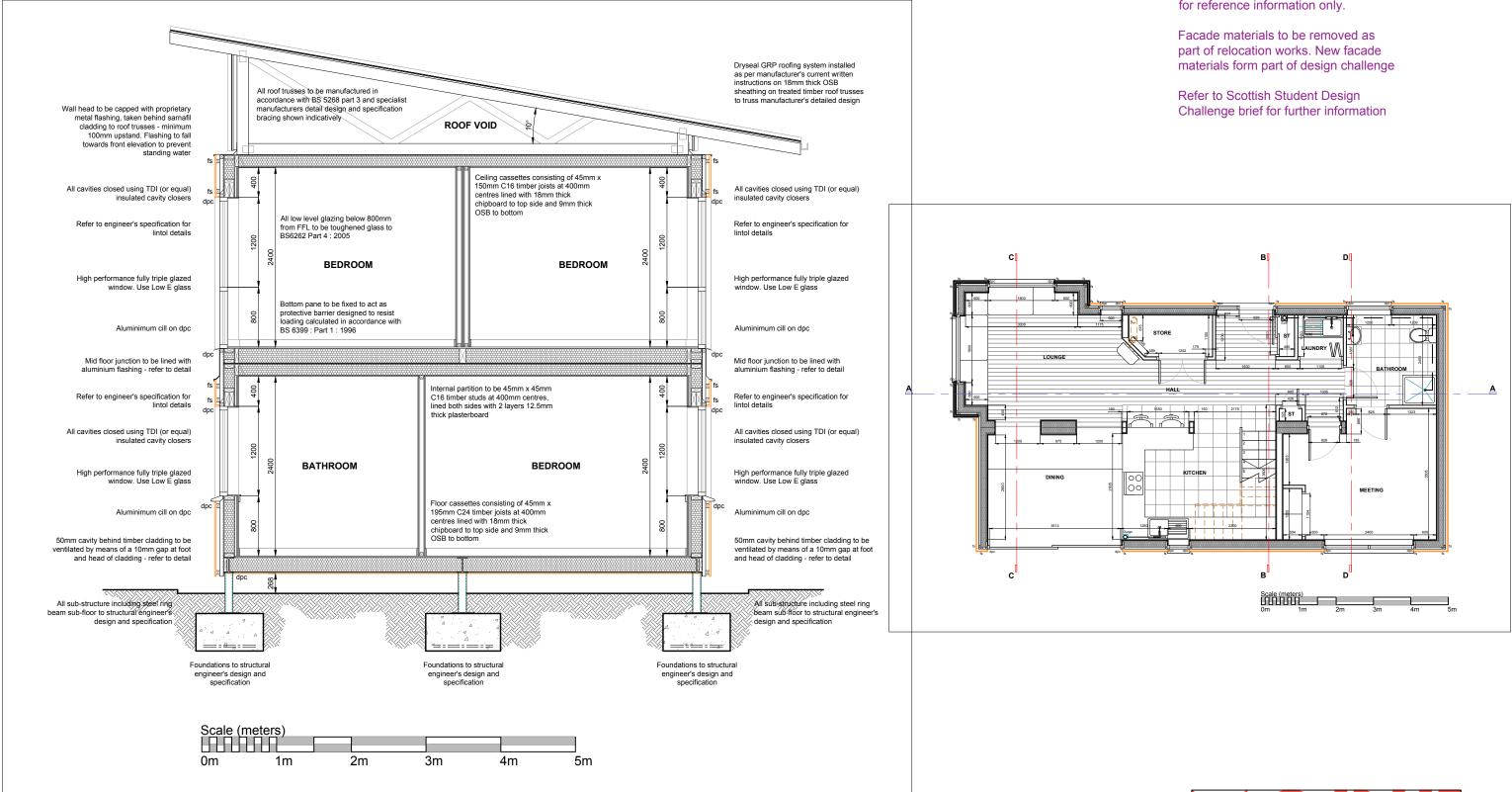


Drawing No. REH 006 - Cross Section C-C

Scale 1:50 @ A3

Note: Facade Finishes indicated are existing for reference information only.



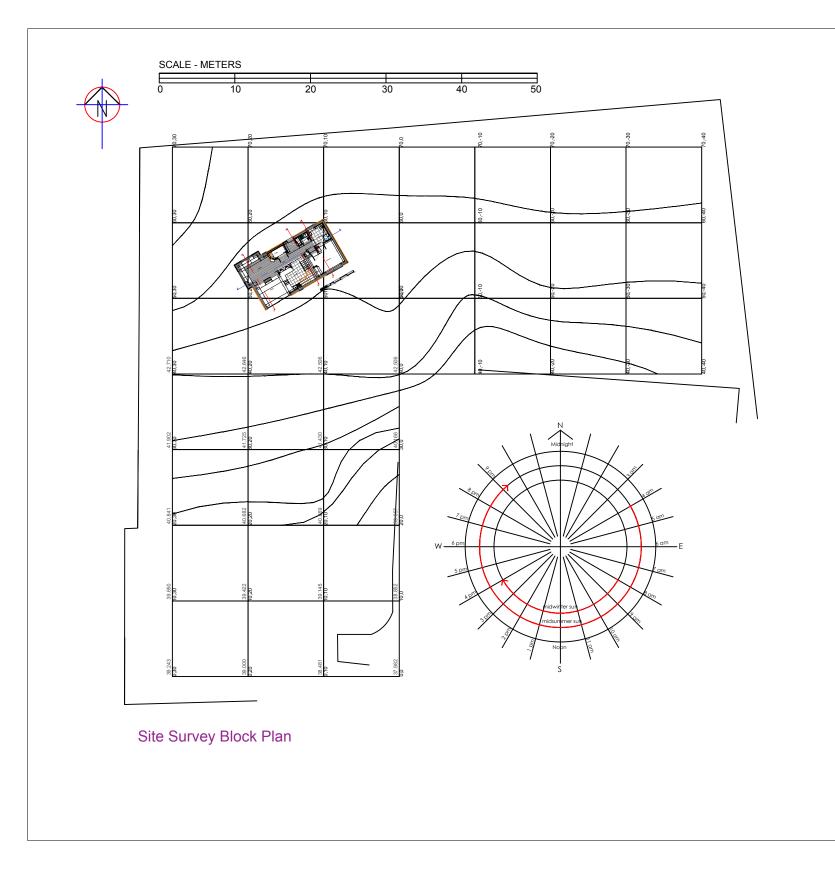


Drawing No. REH 007 - Cross Section D-D

Scale 1:50 @ A3

Note: Facade Finishes indicated are existing for reference information only.







Site Reference Plan NTS

Note:

Indicative House Location for reference information only.

Challenge allows the opportunity for participants to propose alternative locations for the house on the site

Refer to Scottish Student Design Challenge brief for further information

SCOTTISH STUDENT DESIGN CHALLENGE 2021

Drawing No. REH 500 - Site Block Plan

Scale 1:500 @ A3

