



REVISION	DESCRIPTION	DATE



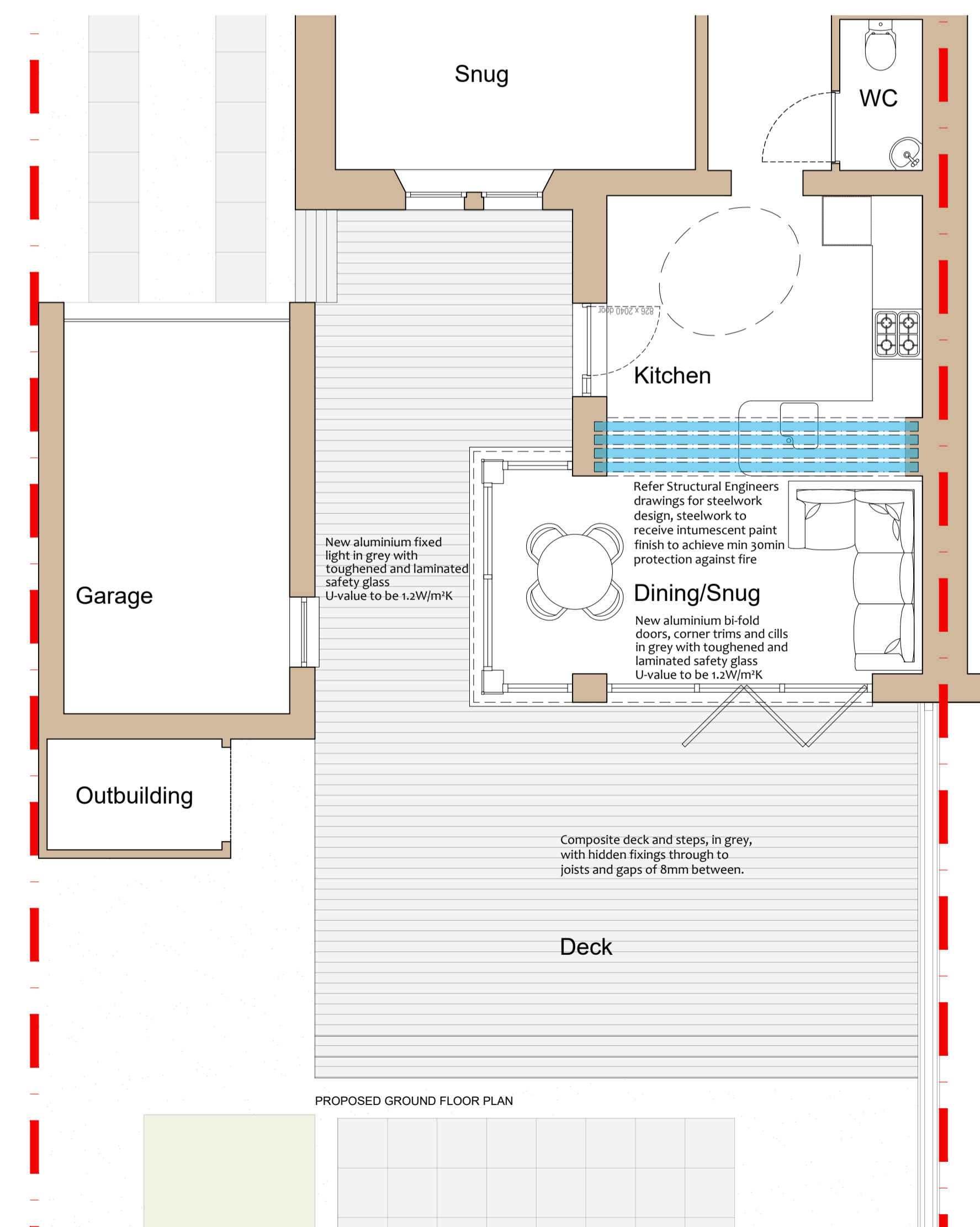
PROPOSED REAR ELEVATION

GRP roof finish @ min. 1:80 fall applied to 18mm OSB; proprietary mono-pitched timber roof trusses nom. @ at 600mm centres; with 100mm flexible, lightweight and non-combustible glass mineral wool quilt laid between chords of rafters overlaid with a further layer 250mm thick to achieve maximum thermal conductivity of 0.11 W/m<sup>2</sup>K; 12.5mm Gyproc Wallboard finish screw fixed through insulation to rafters.  
 Roof make-up to achieve overall u-value of 0.11 W/m<sup>2</sup>K  
 PVCu gutter - black  
 PVCu fascia - grey  
 Stippled render finish - colour to match existing  
 New aluminium fixed light in grey with toughened and laminated safety glass U-value to be 1.2 W/m<sup>2</sup>K  
 New aluminium bi-fold doors, corner trims and cills in grey with toughened and laminated safety glass U-value to be 1.2 W/m<sup>2</sup>K  
 Composite deck and steps, in grey, with hidden fixings through to joists and gaps of 8mm between.

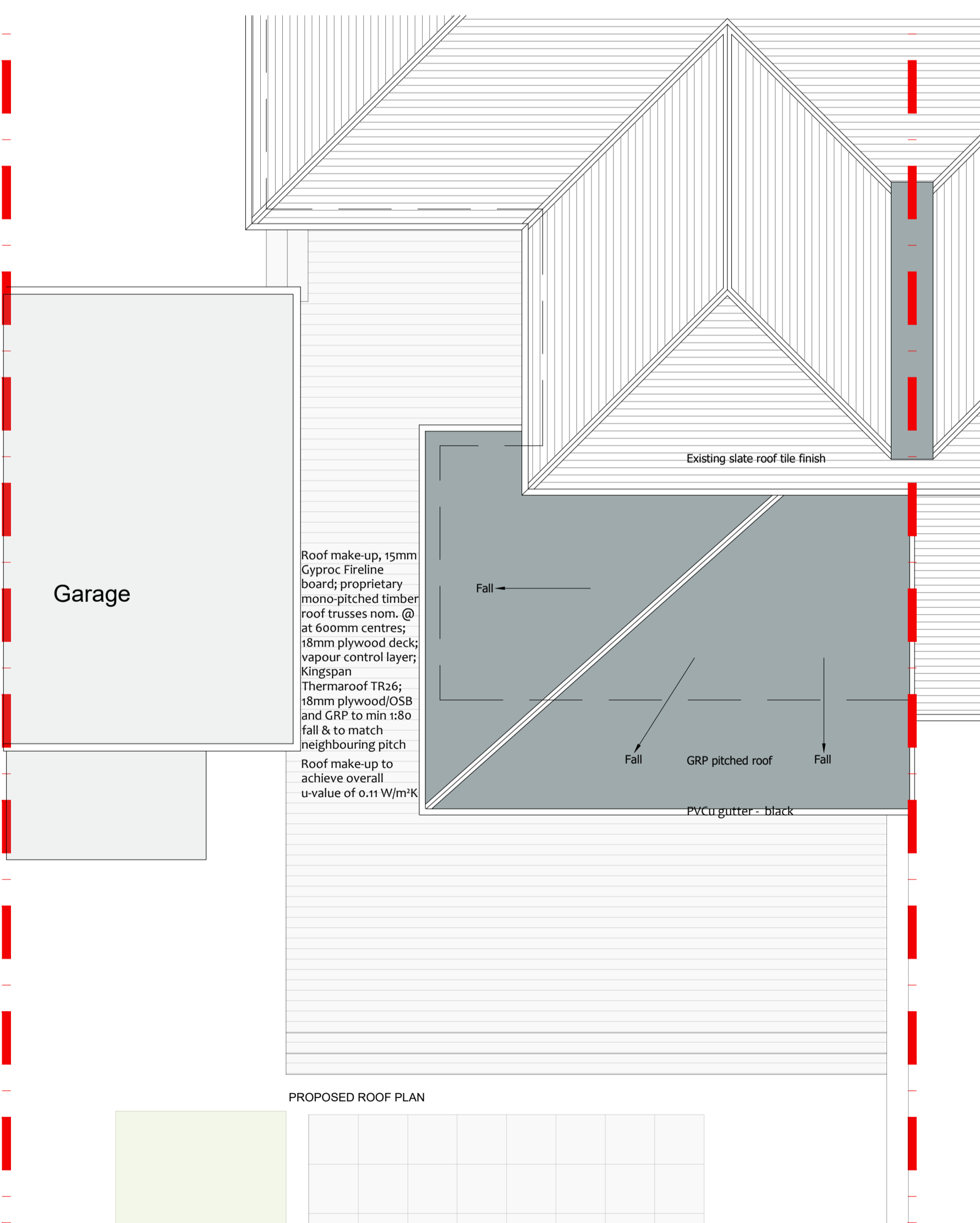


PROPOSED SIDE ELEVATION

Roof make-up, 15mm Gyproc Fireline board; proprietary mono-pitched timber roof trusses nom. @ at 600mm centres; 18mm plywood deck; vapour control layer; Kingspan Thermaroof TR26; 18mm plywood/OSB and GRP to min 1:80 fall  
 Roof make-up to achieve overall u-value of 0.11 W/m<sup>2</sup>K  
 PVCu gutter - black  
 PVCu fascia - grey  
 New aluminium fixed light, corner trims and cills in grey with toughened and laminated safety glass U-value to be 1.2 W/m<sup>2</sup>K  
 Composite deck and steps, in grey, with hidden fixings through to joists and gaps of 8mm between.

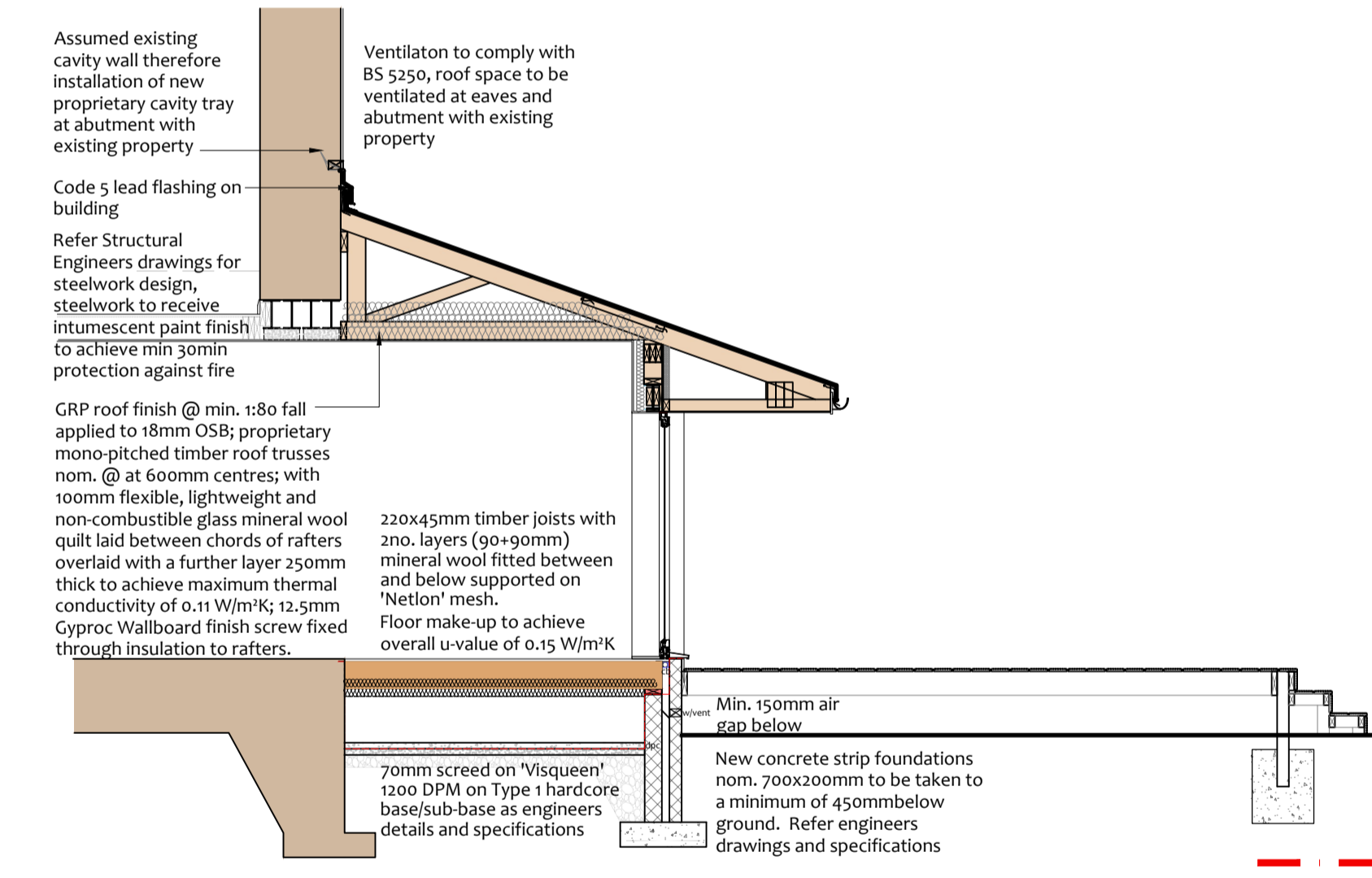


PROPOSED GROUND FLOOR PLAN



PROPOSED ROOF PLAN

Roof make-up, 15mm Gyproc Fireline board; proprietary mono-pitched timber roof trusses nom. @ at 600mm centres; 18mm plywood deck; vapour control layer; Kingspan Thermaroof TR26; 18mm plywood/OSB and GRP to min 1:80 fall & to match neighbouring pitch  
 Roof make-up to achieve overall u-value of 0.11 W/m<sup>2</sup>K  
 PVCu gutter - black



PROPOSED SECTION

Assumed existing cavity wall therefore installation of new proprietary cavity tray at abutment with existing property  
 Code 5 lead flashing on building  
 Refer Structural Engineers drawings for steelwork design, steelwork to receive intumescent paint finish to achieve min 30min protection against fire  
 GRP roof finish @ min. 1:80 fall applied to 18mm OSB; proprietary mono-pitched timber roof trusses nom. @ at 600mm centres; with 100mm flexible, lightweight and non-combustible glass mineral wool quilt laid between chords of rafters overlaid with a further layer 250mm thick to achieve maximum thermal conductivity of 0.11 W/m<sup>2</sup>K; 12.5mm Gyproc Wallboard finish screw fixed through insulation to rafters.  
 220x45mm timber joists with 2no. layers (90+90mm) mineral wool fitted between and below supported on 'Netlon' mesh.  
 Floor make-up to achieve overall u-value of 0.15 W/m<sup>2</sup>K  
 Min. 150mm air gap below  
 New concrete strip foundations nom. 700x200mm to be taken to a minimum of 450mm below ground. Refer engineers drawings and specifications  
 70mm screed on 'Visqueen' 1200 DPM on 1 type 1 hardcore base/sub-base as engineers details and specifications



3D VISUALISATION

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CLIENT Ms Gillian Bowie	
PROJECT TITLE Reconfiguration of Existing Ground Floor Layout	
PROJECT ADDRESS 113 Newark Street, Greenock	
DRAWING TITLE Proposed Floor Plan, Roof Plan, Elevations & Section	
DRAWING STATUS <b>PLANNING</b>	PAPER SIZE A1
DRAWING NUMBER 22027_D.001	REVISION -
SCALE 1:50	DATE 30/08/22
DRAWN BY LS	CHECKED BY DN

**arb** Architects Registration Board  
  
  
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