



**F1 - FLOOR** U-value 0.23 (0.18 current Bregs)  
 15mm floor finishes/ Elka laminate or similar  
 22mm T&G OSB3  
 75mm Cellotex GA4000 rigid insulation  
 500 gauge DPM  
 150mm ground bearing slab, with 1 layer A142 mesh reinforcement  
 1200 gauge DPM lapped up internally  
 50mm sand blinding  
 150mm compacted hardcore/ MOTtype 1

**W1 - WALLS** U-value 0.22 (0.18 current Bregs)  
 19mm Thermowood vertical cladding (natural finish)  
 25mm x 38mm treated sw horizontal battens  
 breather membrane  
 12mm OSB3 racking board  
 100mm x 50mm C16 treated sw studs at 600ctrs  
 100mm Cellotex GA4000 rigid insulation in between, 25mm Cellotex GA4000 rigid insulation/service zone inside (aluminium taped to form VCL)  
 12.5mm plasterboard and skim coat

**R1 - ROOF** U-value 0.16 (0.15 current Bregs)  
 Premium 1.52mm EPDM rubber with associated trims and accessories (black kerb to front and drip/ gutter trim to rear, corner profiles/ end caps)  
 12mm OSB3  
 170 x 47mm C24 treated sw rafters at 400ctrs to min 1 in 80 falls, and extending in length to create cantilevered canopy.  
 170mm Cellotex GA4000 rigid insulation in between, 25mm Cellotex GA4000 rigid insulation under (aluminium taped to form VCL)  
 12.5mm plasterboard and skim coat

Revisions:

- P1 - 08.07.2024: Issued for comment
- C1 - 16.07.2024: rooflight omitted and cladding amended to natural finish

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Drawing <b>PROPOSED SECTION AA &amp; CONSTRUCTION SPEC</b>			
Drawing No. <b>27DCE-106C1</b>	Scale <b>1:20 @ A3</b>	Date <b>16.07.2024</b>	
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**CONSTRUCTION**