

**SPECIFICATION**

**Roof:**  
**U-value: 0.15 W/m²K**  
 80 mm KS1000 TD Topdeck on top of beam. 118 mm overall thickness laid to a 1 deg. fall. Colour Anthracite Grey RAL 7016. (Site fitted insulation on top of single skin to make up to 400mm)  
 370x100x25x5mm galvanised roof beam @ module c/c with 140x70x2 mm purlins @ 600mm c/c fixed between beams.  
 200mm Earthwool Loft Roll insulation between purlins.  
 12.5mm Fireline plasterboard taped and jointed with suitable rated buildup fixed to u/s of purlins.

**First Floor:**  
 18mm T&G structural Plywood Flooring.  
 6 mm plywood staggered over bay joints.  
 220x89x19x3 galvanised Floor beam @ module c/c with 180x64x3 galvanised floor purlins (joists) @ 406mm c/c 200mm Earthwool Loft Roll Insulation between joists.  
 Vapour control layer held in place with 25mm Timber battens.

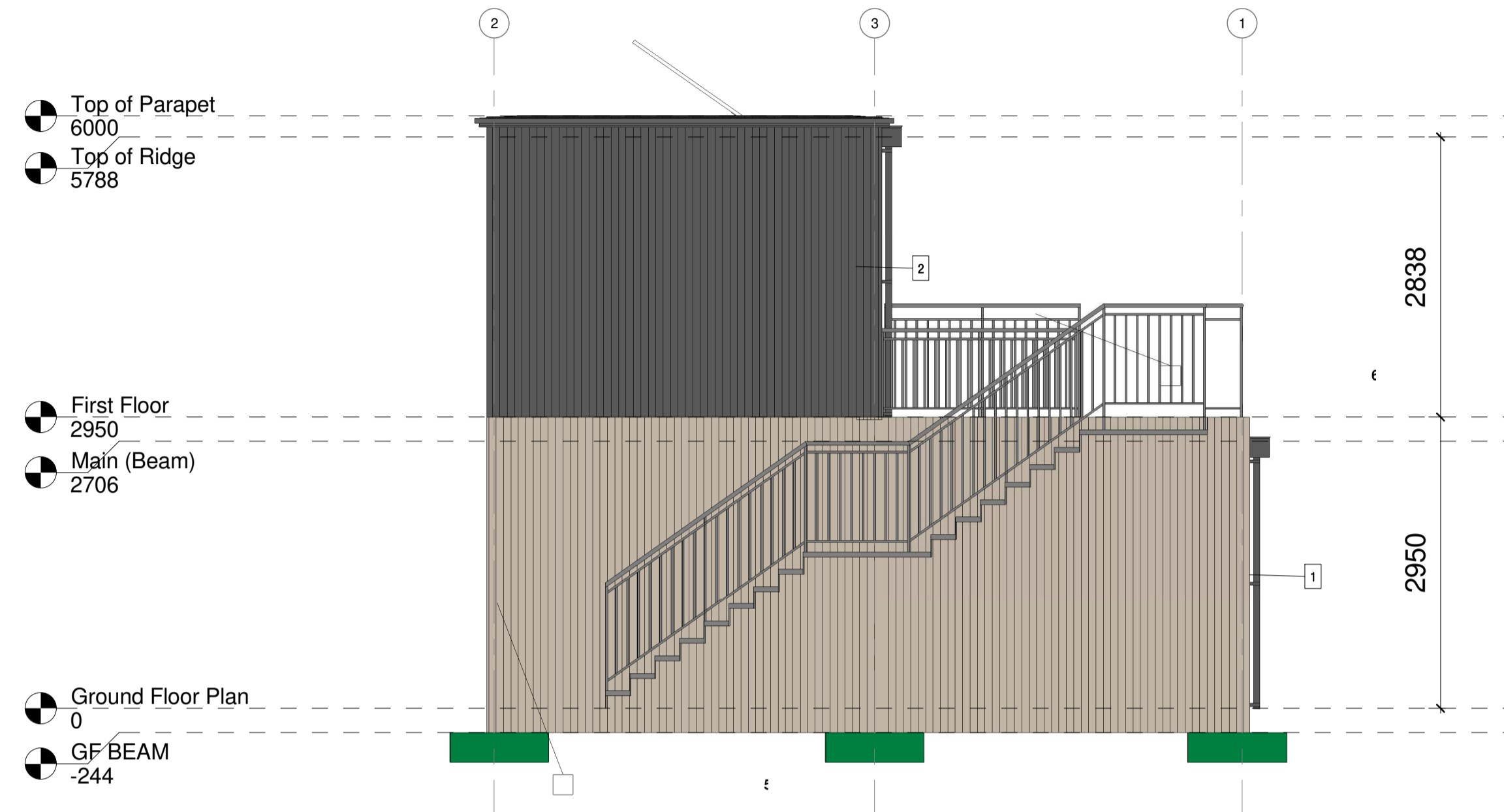
**Ground Floor Roof:**  
 220x89x19x3 galvanised roof beam @ module c/c with 140x64x2 galvanised roof purlins (joists) @600mm c/c 35 mm single skin on to the purlins.  
 2 x 12.5mm Fireline plasterboard.

**Ground Floor:**  
**U-value: 0.19W/m²K**  
 18mm T&G structural Plywood Flooring  
 6 mm plywood staggered over bay joints.  
 220x89x19x4 galvanised floor beam @ module c/c with 180x64x2mm floor purlins (joists) @406mm c/c.  
 200mm Earthwool Loft Roll between joists.  
 40 mm PIR.  
 0.7mm steel mesh underdrawings with 60 -70% free area 275 x 89 x 19 x 4 PFC floor beams.

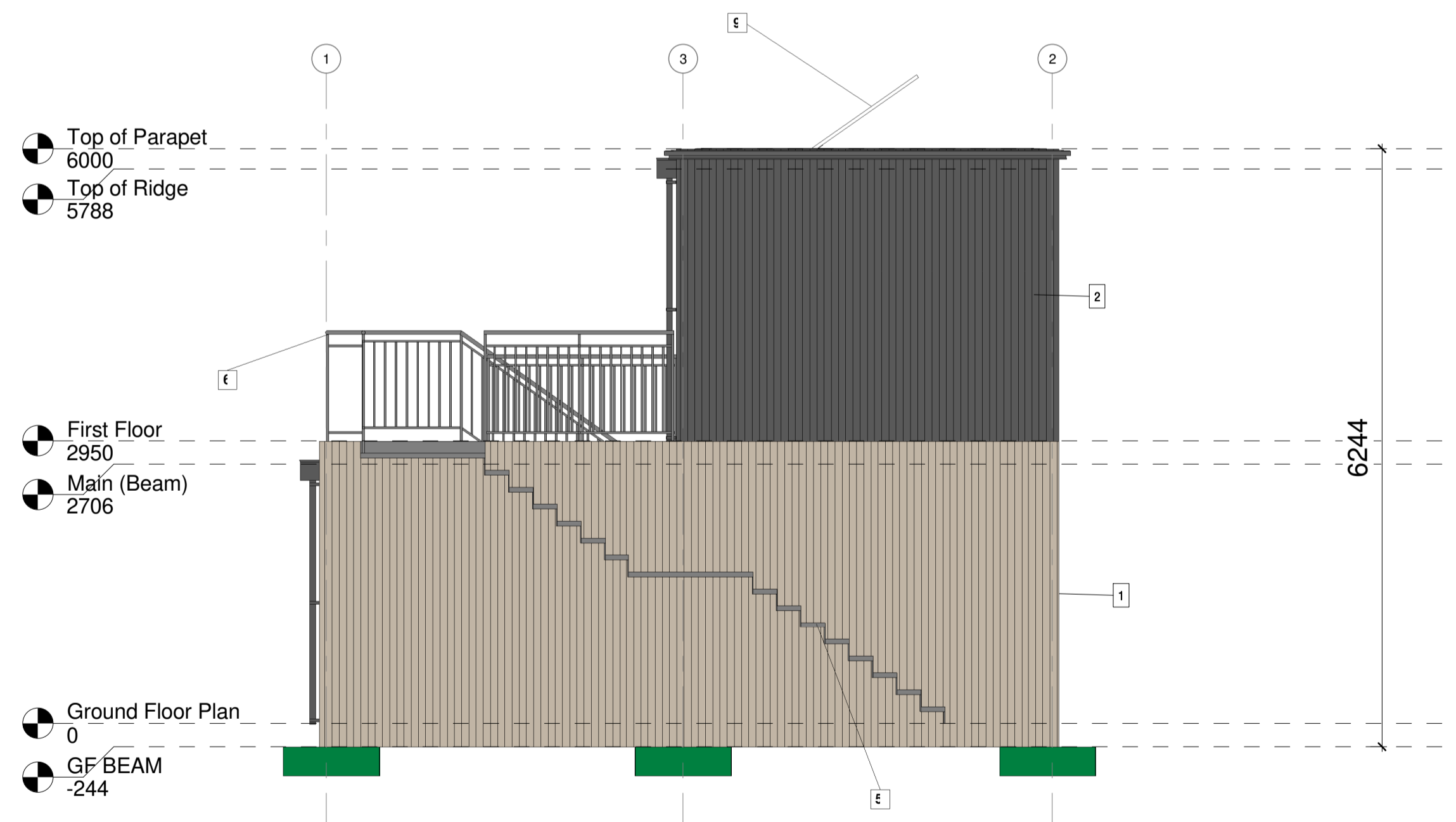
**External Walls :**  
**U-value: 0.21 W/m²K**  
 External finish: Siberian Larch timber cladding and Aluminium profile cladding (Anthracite Grey) to external face of board  
 12mm Multi-pro XS board 174 x 43mm Timber Studs @ 600mm ctrs.  
 180mm Earthwool Loft Roll 44 insulation between studs.  
 Vapour Barrier 11mm OSB.  
 15mm Megadeco plasterboard, taped and jointed.

**Internal Walls:**  
**Performance = Rw 46 dB**  
 15 mm Megadeco plasterboard taped, jointed and painted.  
 70 mm metal track with 70 mm, 16 kg/m3 glass mineral wool insulation.

1 Side Elevation 1  
1 : 50



2 Side Elevation 2  
1 : 50



**Finishes / Specification**

- External finishes:
1. Siberian Larch timber cladding
  2. Aluminium profile (Color : Anthracite Grey).
  3. External door to be PVC Double glazed. Window in every bedroom to be configured as a fire scape. All bathroom windows to be opaque frosted. Frame colour: Anthracite Grey.
  4. All doorsets to be solid core veneer door and frame (non fire rated).
  5. External metal staircase.
  6. Timber railing.
  7. Ironmongery to be brushed aluminium handle & butt hinges.
  8. All floors to be vinyl ( 2.5 mm). Levelling screed throughout.
  9. PV Modules.

NO.	BY:	REVISION:	DATE:

STAGE: CONSTRUCTION



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CLIENT: Dorset County Council

PROJECT: 12 Unit

DRAWING: Side elevations

DRAWN AM	CHECKED Checker	DATE: 11/07/18
SCALE 1 : 50	PROJECT 2056	
DRAWING 2056-ESS-XX-ZZ-DR-W-301	REV P5	