

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.

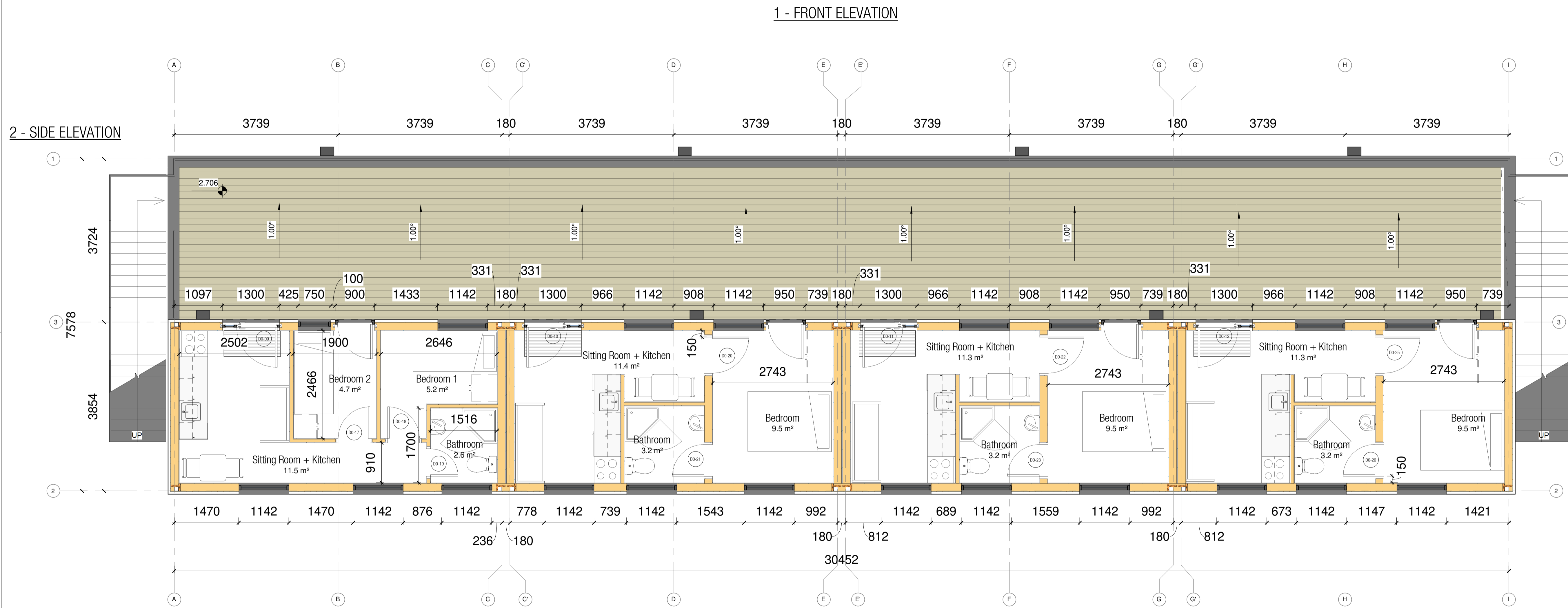
Ground Floor Roof:
 220x89x19x3 galvanised roof beam @ module c/c with 140x64x2 galvanised roof purlins (joists) @600mm c/c 35 mm single skin on to the purlins.
 2 x 12.5mm Fireline plasterboard.

Ground Floor:
 U-value: 0.19W/m²K
 18mm T&G structural Plywood Flooring
 6 mm plywood staggered over bay joints.
 220x89x19x3 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 First Floor Plan
 1 : 50

2 - REAR ELEVATION

NO.	BY:	REVISION:	DATE:
01	AM	Issue for information	11/01/18
02	AM	Issue for information	26/01/18
03	AM	Issue for information	26/12/18
04	AM	Issue for information	28/11/18

STAGE: **CONSTRUCTION**



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CLIENT: **Dorset County Council**

PROJECT: **12 Unit**

DRAWING: **First Floor Plan**

DRAWN	CHECKED	DATE:
AM	Checker	11/07/18
SCALE	PROJECT	
1 : 50	2056	
DRAWING	REV	
2056-ESS-XX-00-DR-W-101	P6	