

SPECIFICATION

Roof Construction:
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 upto 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.

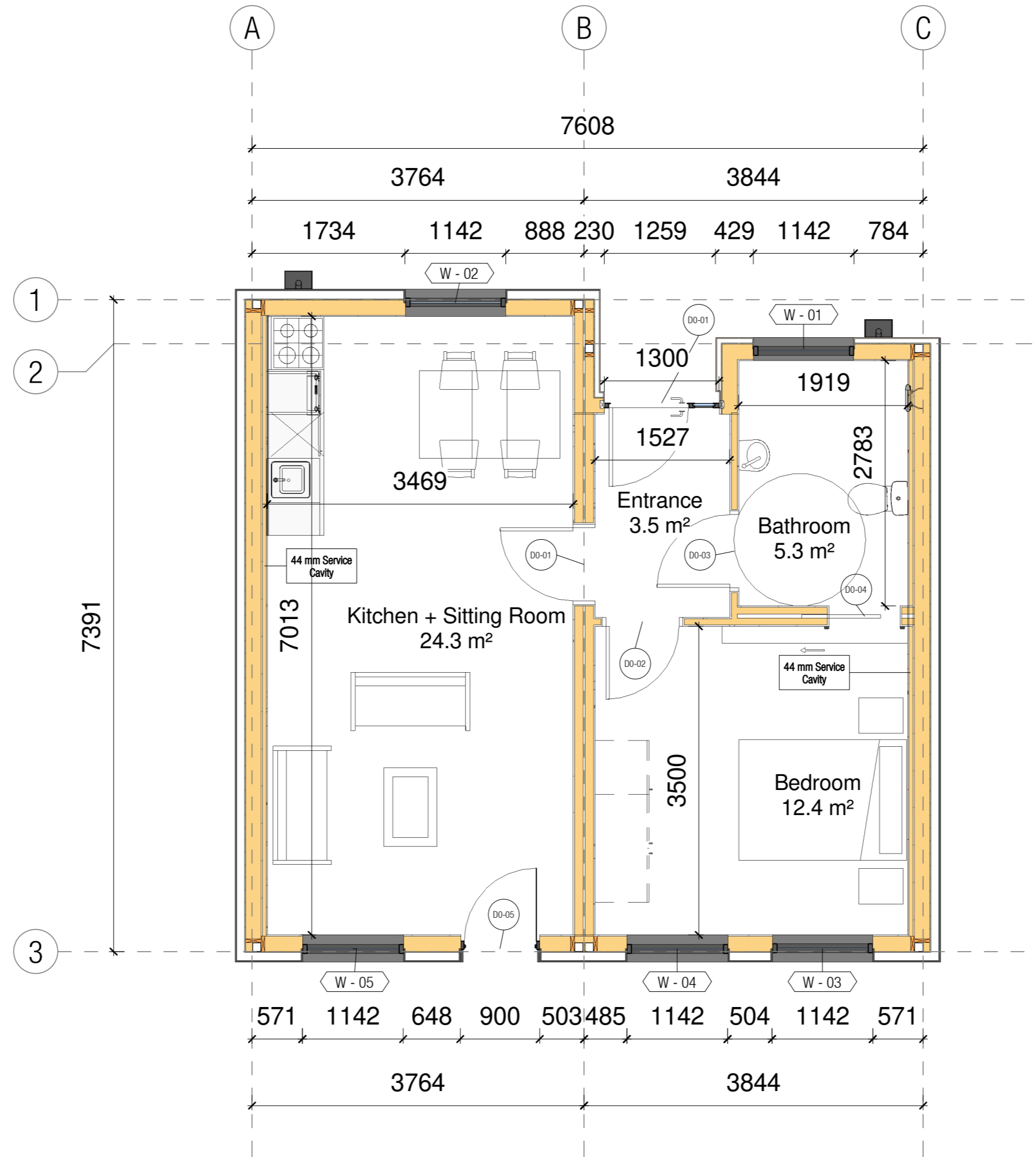
Ground Floor:
U-value: 0.15 W/m²K
 18mm T&G structural Plywood Flooring.
 6 mm plywood staggered over bay joints.
 250x89x19x3 galvanised floor beams c/c with modular 180x70x2mm floor purlins (joists) @ 406mm c/c.
 200mm Earthwool Loft Roll between joists.
 70 mm PIR.
 0.7mm steel mesh underdrawings 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 (Anthracite Grey RAL 7016) 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.

Finishes / Specification

- External finishes:
1. Siberian Larch timber cladding & 2. Aluminium profile (Color: Anthracite Grey). See drawing elevation for reference.
 3. All windows to be PVC Double glazed. W03 in bedroom to be configured as a fire scape. W-01 to be frosted. Frame colour: Anthracite Grey.
 4. External door to be PVC Double glazed. Colour: Anthracite Grey.
 5. All doorsets to be solid core veneer door and frame (non fire rated).
 6. Ironmongery to be brushed aluminium handle & butt hinges.
 7. All floors to be vinyl (2.5 mm). Levelling screed throughout.
 8. PV Modules.



1 Ground Floor Plan
1 : 50

PS	AM	Issued for information	08.01.18
PA	AM	Issued for information	20.12.18
P2	AM	Issued for information	21.11.18
P1	AM	Issued for information	07.11.18

No:	BY:	REVISION:	DATE:
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CONSTRUCTION



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CLIENT:
Dorset County Council

PROJECT:
One bed unit

DRAWING
Ground Floor Plan

DRAWN AM	CHECKED Checker	DATE: 11/07/18
SCALE @A2: As indicated		PROJECT 2056
DRAWING 2056- ESS- XX- 00- DR- W- 110		REV P5