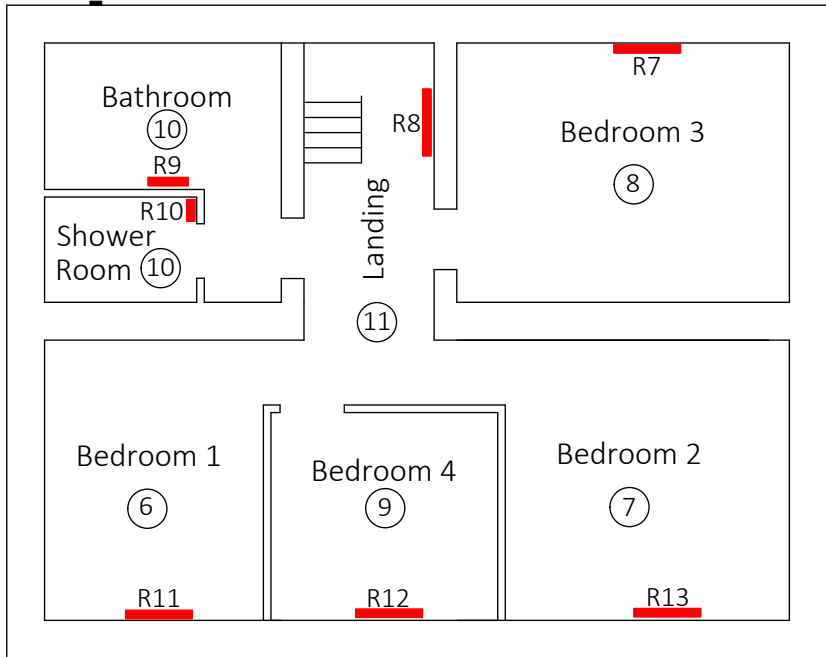
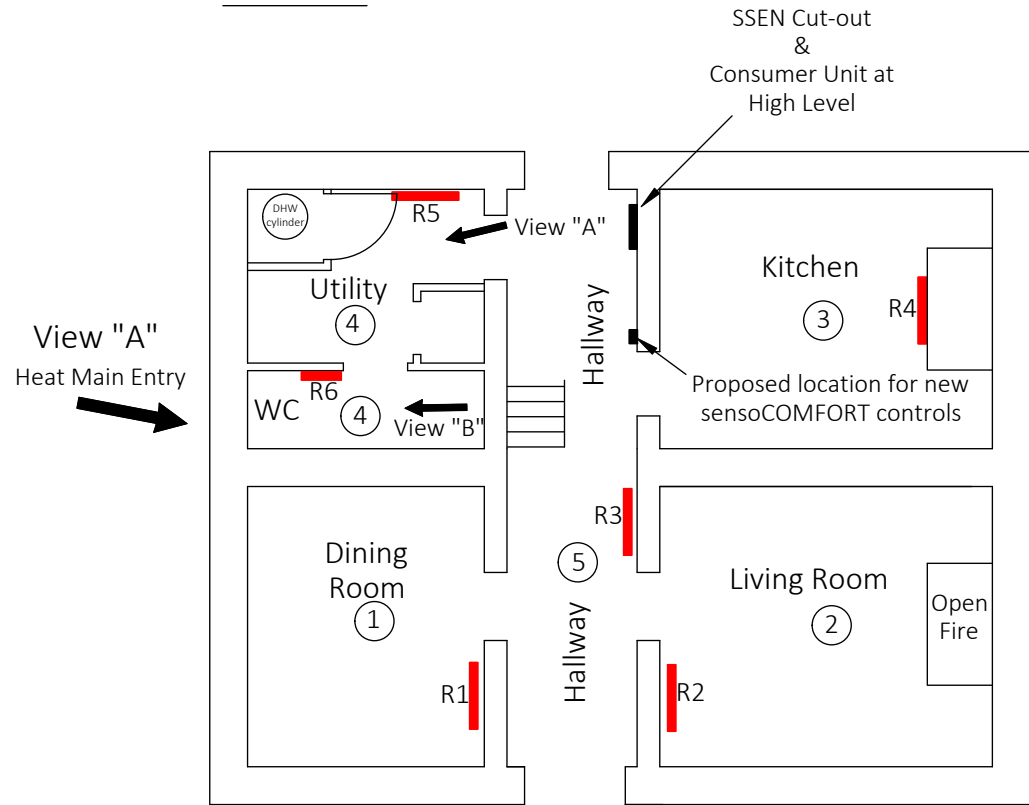


Representative Layout Only

Outdoor sensor mounted at high level on external wall.



First Floor



Ground Floor

NOTE

The Contract is for Design and Build. This drawing is intended as an illustration of how the Performance Specification could be met. The Contractor may use a different design. In all cases liability for the design lies with the Conactor

Proposed Radiator Schedule.

Ref	Room	Target Temp. (°C)	Peak Heat Loss (kW)	Type	Output (kW) @55°C
1	Dining	22	1.4	K3	1.2
2	Sitting	22	1.4	K3	1.4
3	Kitchen	18	0.9	K2	1.1
4	Utility and WC	18	0.9	K2	1.1
5	Hallway	18	0.9	K2	1.0
6	Bedroom	18	0.8	K2	1.0
7	Bedroom	18	0.7	K2	1.0
8	Bedroom	18	0.9	K2	1.1
9	Bedroom	18	0.5	K2	0.6
10	Bathroom	21	1.2	K2	1.1
11	Landing	18	0.5	K2	0.9
Total			10.0		11.1

Note: Proposed new radiator lengths and heights are as existing. Only depth off wall will change. Typical depths are: P+ 110mm, K1 75mm, K2 120mm and K3 180mm.



Typical K2 style radiator (left) compared to K3 style (right)



View "A" Heat main entry point

Heat main entry 400mm above ground level. Core drill wall 180mm dia. Use pre-formed bend to bring heat main up then convert to copper into wall. Bespoke insulate through wall. Construct weather proof removable timber boxing on outside.

NOTES:

1. This drawing is for guidance only. All information must be checked before use for design or planning.
2. Do not scale.

For Tender

Revision	By	Date	Details



Redcotec LLP, Orchards,
Stockland, Honiton
Devon, EX14 9DS

Tel: 01297 761510
Email: info@redcotec.co.uk

Client		The National Trust	
Drawing Title		89 Church Lawn ASHP Floor and Radiator Plans - Proposed	
Drawn By		Date	
W Gilmour-White		07/08/26	
Checked By		Date	
Scale		Job Reference	
1:100 @ A3		RCT-731	
Drawing Ref/No			Rev
RCT_731_102B			