

AREA SCHEDULE

WDQR 2021 Area Requirements
5 Person 3 Bed House: 93.0m²

WDQR 2021 General Storage Requirements
2 Person 1 Bed Walk-Up: 2.5m²

GF
Store 1 1.42m²

FF
Store 2 1.01m²
Store 3 0.88m²
A/C 0.67m²
Total: 3.98m²

PLAN
MEP & PLANT PROVISIONS

Information presented indicatively for coordination with all - including manufacturer & model specification - TBC by relevant specialist consultant / subcontractor. All revisions to the plant specification must be reported for coordination.

CONSTRUCTIONS

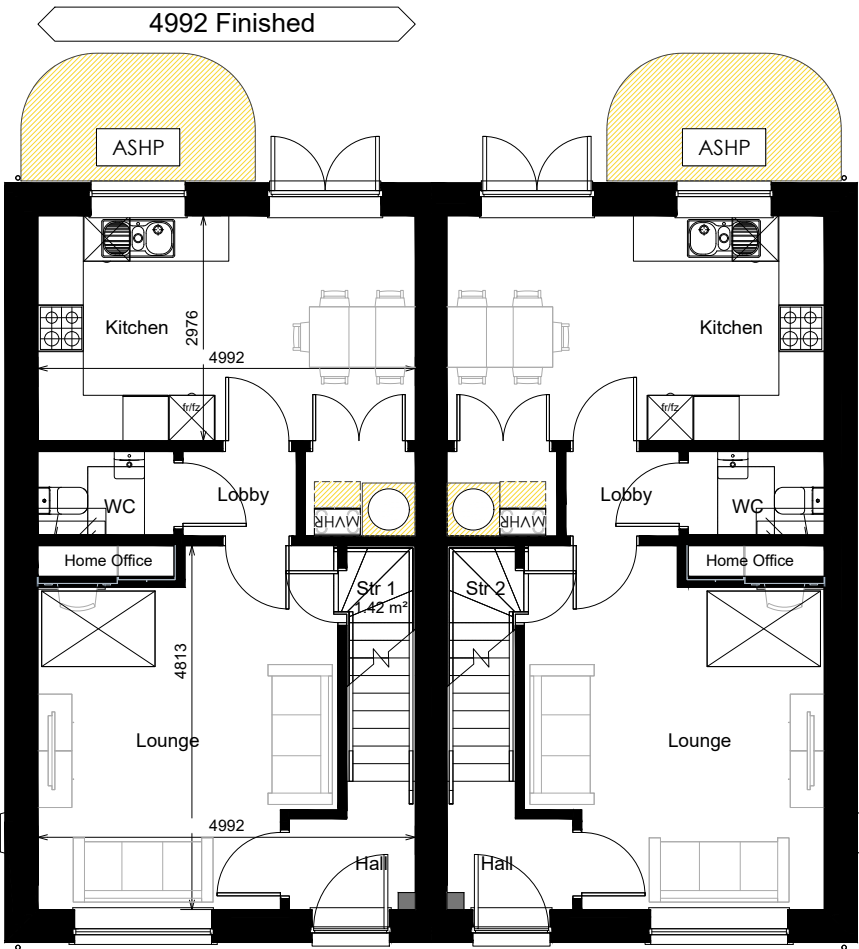
External walls 413mm
Internal walls 120mm
Intermediate floors 400mm

Constructional thicknesses are indicative only & must be coordinated with fabric requirements for acoustic, fire & thermal performances on a site-by-site basis. All TBC by the constructional preferences of the appointed contractor.

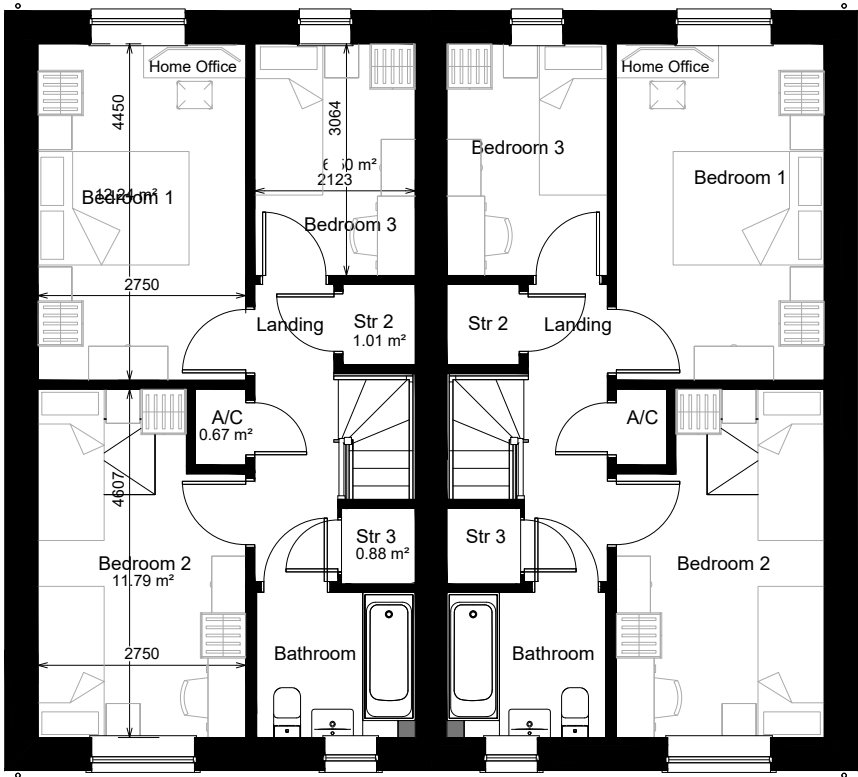
COMMENTARY

Layouts successfully integrate low carbon plant without compromising spatial or storage requirements.

MVHR units & hot water cylinders could be installed above counter height to accommodate additional storage below, pending coordination of heating & ventilation infrastructure. ASHPs could move to blank gable (current party wall) if HT used as detached unit, pending site layout & landscaping.



Ground Floor Plan

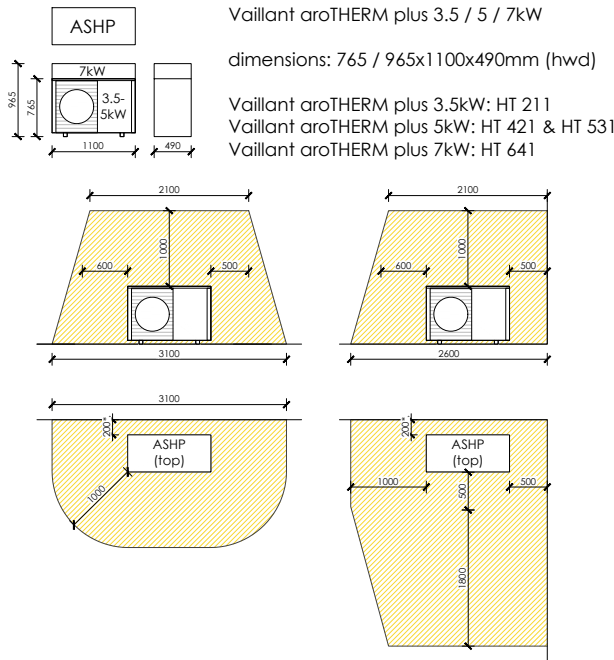


First Floor Plan

LOW CARBON PLANT

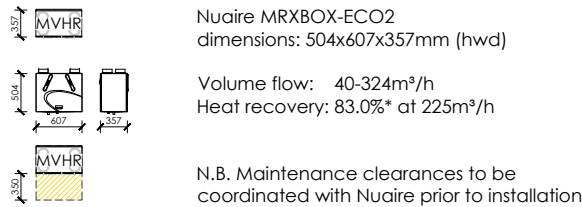
Dimensions denote minimum installation & maintenance clearances, extrapolated to hatched areas. All as defined by manufacturer's requirements, refer to product literature for specifics.

ASHP

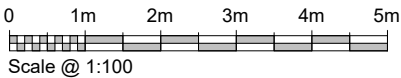
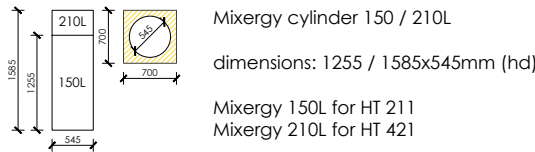


*Clearance for heating only; +50mm if ASHP provides cooling.

MVHR



Hot Water Cylinder HT 531



A1

Original sheet size			
Note:	Rev	Date	By CHK Description
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Client: Bluefield Land		Project: Cwmgors Ammanford		Drawing Title: HT 531 Floor Plans	
Drawing Status: CONCEPT DESIGN	Date: Jan 2024	Drawn By: Checked: Director: Scale: 1:50@A1	Job No: 2625	Drawing No: 531(02)200	Rev. Unit 2 Chapel Barns Merthyr Mawr Bridgend CF32 0LS t: 01656 656267 e:mail@spring-consultancy.co.uk

