

AREA SCHEDULE

WDQR 2021 Area Requirements
6 Person 4 Bed House: 110.0m²

Measured GIA: 110.4m²

WDQR 2021 General Storage Requirements
6 Person 4 Bed House: 3.0m²

GF Store 1.2m²
Understair Store 0.9m²
Airing Cupboard (AC) 0.8m²
FF Store 1.0m²
Total: 3.9m²

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 500mm
Internal walls 100mm
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.

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

ASHP

Vaillant aroTHERM plus 3.5 / 5 / 7kW

dimensions: 765 / 965x1100x490mm (hwd)

Vaillant aroTHERM plus 3.5kW: HT 211
Vaillant aroTHERM plus 5kW: HT 421 & HT 531
Vaillant aroTHERM plus 7kW: HT 641

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

MVHR

MVHR

Ubiflux Vigor W225

dimensions: 650x600x455mm (hwd)

Volume flow: 40-225m³/h
Heat recovery: 85.0% at 225m³/h
89.0% at 125m³/h

Hot Water Cylinder

Mixergy cylinder 150 / 210L

dimensions: 1255 / 1585x545mm (hd)

Mixergy 150L for HT 211 & HT 212
Mixergy 210L for HT 421, HT 531 & HT 641

Battery Storage

#2

Sonnen Batterie Hybrid 9.53

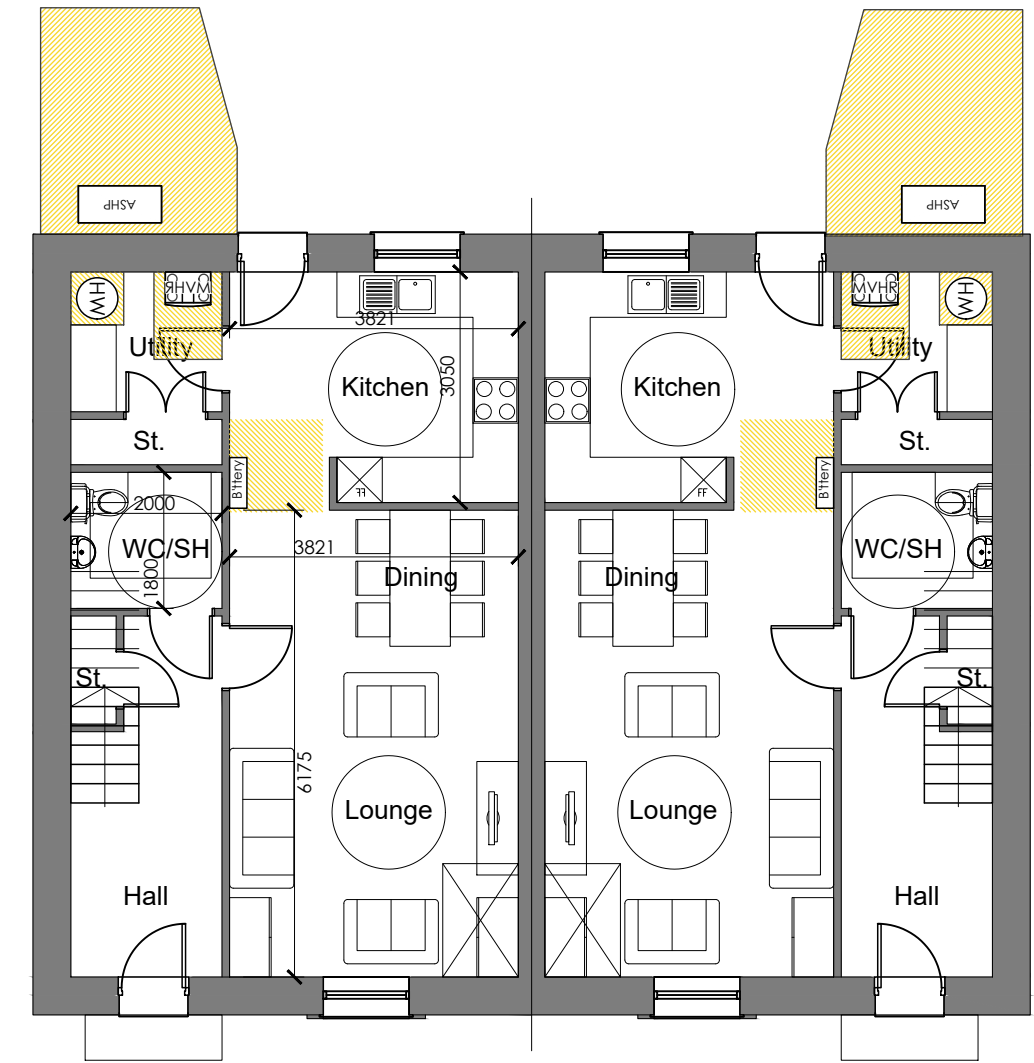
dimensions: 880 / 1370x670x230mm (hwd)

#1

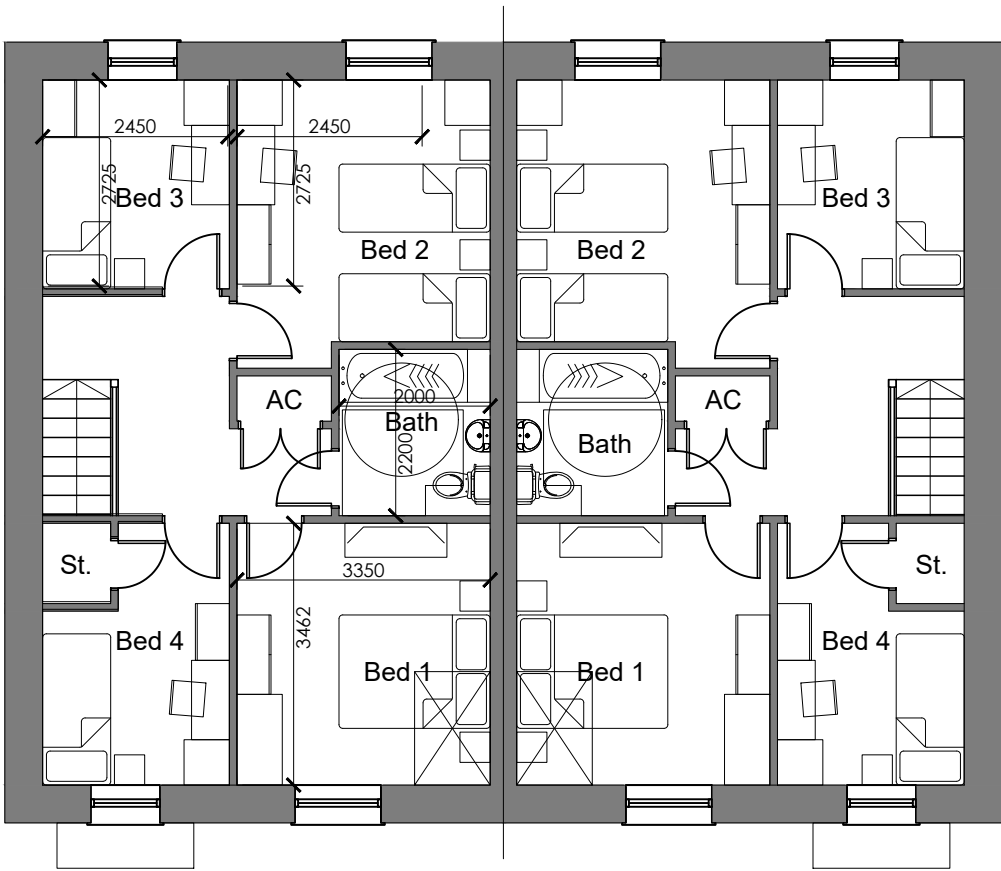
Bthry (front)

(top)

Note: 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.



GROUND FLOOR PLAN



FIRST FLOOR PLAN

A3

Original sheet size

Rev	Date	By	CHK	Description
A	10.04.24	CC	CC	Low carbon plant amended
B	24.09.24	CC	CC	Dimensions added

Note: This Drawing is copyright, its use or reproduction is subject to permission from Spring Design Consultancy Limited. All rights are reserved until invoices are paid in full. Contact SDC regarding terms & conditions. Check printed scale, responsibility is not accepted for reproduction of digital media or measuring from this document. Only figured dimensions to be used for construction. No responsibility will be taken for any design used for construction prior to receipt of relevant approvals. Report doubts/discrepancies to project Architect.

Client:	Project:	Drawing Title:
Tai Tarian	Tudor Inn Cimla	HT 641 Floor Plans
Drawing Status:	Date:	Drawn By: Checked: Director: Scale:
PLANNING SUBMISSION	Feb 24	cc 1:100 @ A3
Job No:	Drawing No.	Rev.
2617	641(03)200	B
Unit 2 Chapel Barns Merthyr Mawr Bridgend CF32 0LS t: 01656 656267 e: mail@spring-consultancy.co.uk		

spring
design