

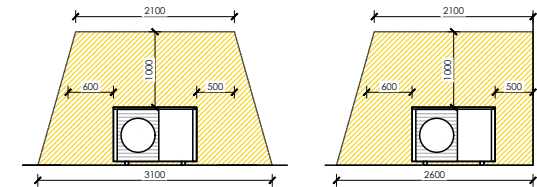
## LOW CARBON PLANT

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)

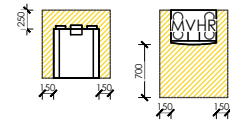
Vaillant aroTHERM plus 3.5kW: HT 211  
Vaillant aroTHERM plus 5kW: HT 421 & HT 531  
Vaillant aroTHERM plus 7kW: HT 641



## MVHR

**MVHR**  
Ubiflux Vigor W225  
dimensions: 650x600x455mm (hwd)

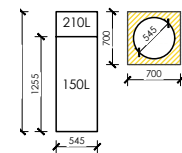
Volume flow: 40-225m³/h  
Heat recovery: 85.0% at 225m³/h  
89.0% at 125m³/h



## Hot Water Cylinder

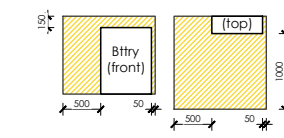
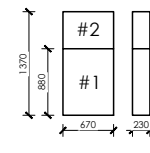
Mixergy cylinder 150 / 210L  
dimensions: 1255 / 1585x545mm (hd)

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



## Battery Storage

Sonnen Batterie Hybrid 9.53  
dimensions: 880 / 1370x670x230mm (hwd)



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.

## 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.

## AREA SCHEDULE

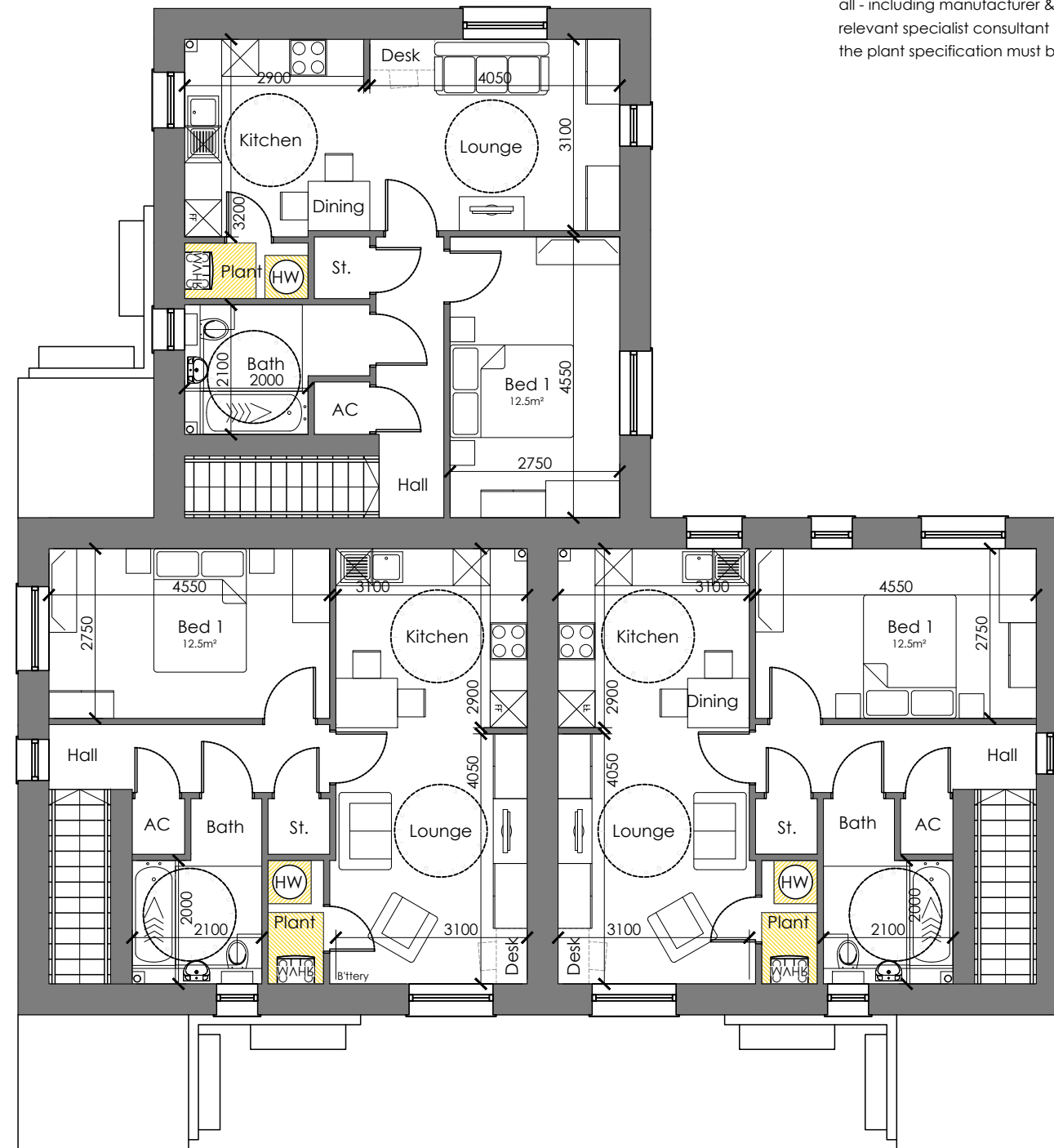
**WDQR 2021 Area Requirements**  
2 Person 1 Bed Walk-up: 53.0m²

GF Flat 52.4m²  
FF Flat 58.4m²  
**Averaged GIA: 55.4m²**

**WDQR 2021 General Storage Requirements**  
2 Person 1 Bed Walk-Up: 1.5m²

**GF**  
Store 1.5m²  
**Total: 1.5m²**

**FF**  
Airing Cupboard (AC) 0.8m²  
Store 0.7m²  
**Total: 1.5m²**



## FIRST FLOOR PLAN

## A3

Original sheet size

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Rev	Date	By	CHK	Description

Client: Tai Tarian	Project: Tudor Inn Cimla	Drawing Title: HT 212 First Floor Plan
Drawing Status: PLANNING SUBMISSION	Date: Feb 24	Drawn By: cc
Checked: cw	Director: cw	Scale: 1:100 @ A3
Job No: 2617	Drawing No: 212(03)202	Rev: Unit 2 Chapel Barns   Merthyr Mawr   Bridgend   CF32 0LS t: 01656 656267 e: mail@spring-consultancy.co.uk

