AREA SCHEDULE

PLAN MEP & PLANT PROVISIONS

WDQR 2021 Area Requirements

5 Person 3 Bed House:

WDQR 2021 General Storage Requirements 5 Person 3 Bed House:

Understair Store 0.9m² GF Store 0.7m² Airing Cupboard (AC) 0.9m² Total: 2.5m²

CONSTRUCTIONS

External walls 500mm Internal walls 100mm Intermediate floors 400mm

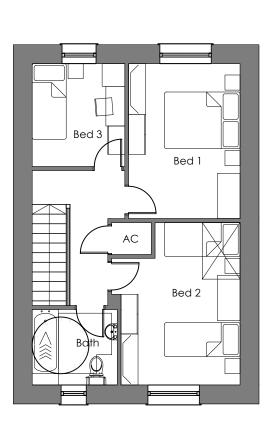
Constructional thicknesses are indicative only & must be coordinated with fabric requirements for acoustic, fire & thermal performances on a site-by-site basis. All TBC by the constructional preferences of the appointed contractor.

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.



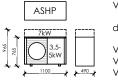
FIRST FLOOR PLAN

LOW CARBON PLANT

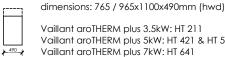


Dimensions denote minimum installation & maintenance clearances, extrapolated to hatched areas. All as defined by manufacturer's requirements, refer to product literature for specifics.

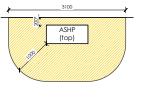
ASHP

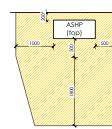


Vaillant aroTHERM plus 3.5 / 5 / 7kW



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





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

MVHR

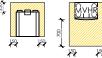


Ubiflux Vigor W225

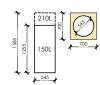
dimensions: 650x600x455mm (hwd) Volume flow: 40-225m³/h



Heat recovery: 85.0% at 225m3/h 89.0% at 125m³/h



Hot Water Cylinder



Mixergy cylinder 150 / 210L

dimensions: 1255 / 1585x545mm (hd)

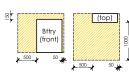
Mixergy 150L for HT 211 & HT 212 Mixergy 210L for HT 421, HT 531 & HT 641

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.

Ī	Client:	Project:		Drawing Title:				
	Tai Tarian	Tudor Inn Cimla			Floor Plans		Spring	
	Drawing Status: Date: PLANNING SUBMISSION Feb 24	Drawn By: Checked: Dir	1:100 @ A3	Job No: 2617	Drawing No. 531 (03) 200	Rev. B	Unit 2 Chapel Barns Merthyr Mawr Bridgend CF32 OLS t: 01656 656267 e:mail@spring-consultancy.co.uk	

