AREA SCHEDULE

WDQR 2021 Area Requirements

4 Person 2 Bed House:

Total:

4 Person 2 Bed House:

WDQR 2021 General Storage Requirements

Understair Store 1.0m² FF Store 0.8m² Airing Cupboard (AC) $0.7m^{2}$

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.

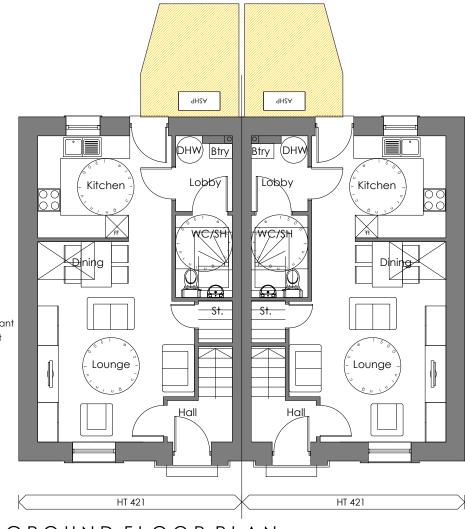
 $2.5m^2$

2.5m²

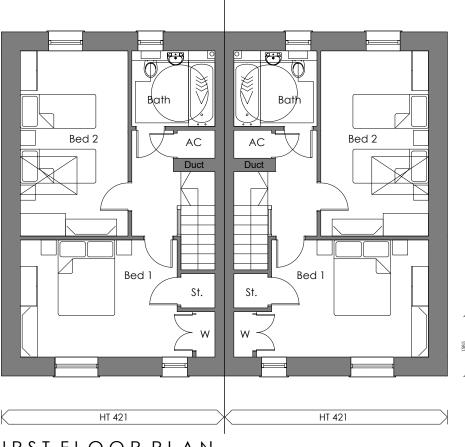
CONSTRUCTIONS

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.



GROUND FLOOR PLAN



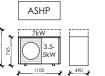
FIRST FLOOR PLAN

LOW CARBON PLANT



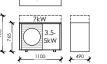
Dimensions denote minimum installation & maintenance clearances, extrapolated to hatched areas. All as defined by manufacturer's requirements, refer to product literature for specifics.

ASHP

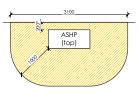


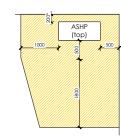
Vaillant aroTHERM plus 3.5 / 5 / 7kW

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

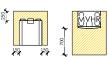


Ubiflux Vigor W225

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

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Rev Date By CHK Description

C	lient:	Project:	Drawing Title:	
	Tai Tarian	Tudor Inn Cimla	HT 421 Floor Plans	Spring design
	rawing Status: IDate: PLANNING SUBMISSION Feb 24	Drawn By: Checked: Director: Scale: CC 1:100 @ A3	1 Job No: 1 Drawing No. 421 (03) 200	Rev. Unit 2 Chapel Barns Merthyr Mawr Bridgend CF32 OLS t: 01656 656267 e:mail@spring-consultancy.co.uk