

AREA SCHEDULE

WDQR 2021 Area Requirements	
2 Person 1 Bed Walk-up:	53.0m²
GF Flat	50.1m²
FF Flat	58.4m²
Averaged GIA:	54.3m²

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

GF	
Airing Cupboard (AC)	0.5m²
Store	1.8m²
Total:	2.3m²

FF	
Airing Cupboard (AC)	0.7m²
Store	1.0m²
Total:	1.7m²

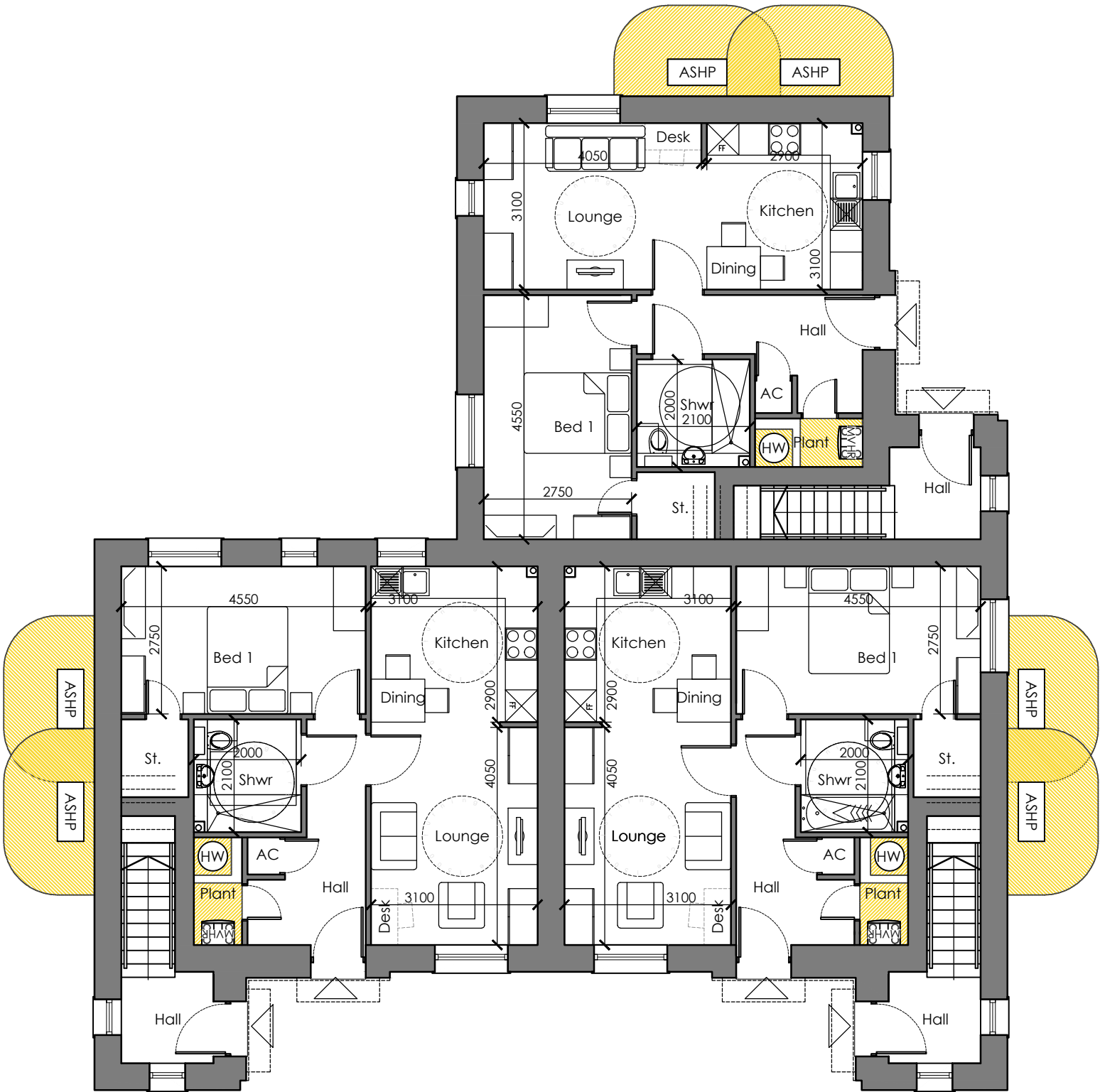
MEP & PLANT PROVISIONS

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	550mm
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.



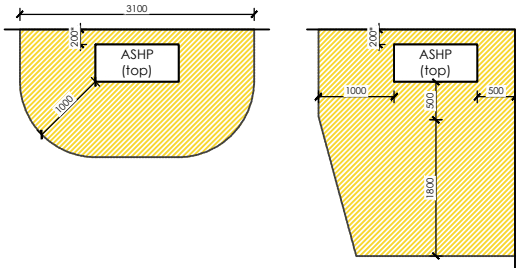
GROUND FLOOR PLAN

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

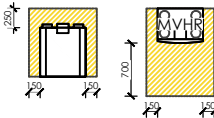
ASHP	Vaillant aroTHERM plus 3.5 / 5 / 7kW
dimensions: 765 / 965x1100x490mm (hwd)	
Vaillant aroTHERM plus 3.5kW: HT 211	
Vaillant aroTHERM plus 5kW: HT 421 & HT 531	
Vaillant aroTHERM plus 7kW: HT 641	



*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	

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A3

Original sheet size

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Rev	Date	By	CHK	Description

Client:	Project:	Drawing Title:
Tai Tarian	Heol Crwys	HT 212 Block GF Plan
Drawing Status:	Date:	Drawn By:
PLANNING SUBMISSION	18.01.23	JD
Checked:	Director:	Scale:
cc	cw	1:100 @ A3
Job No:	Drawing No:	Rev:
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