

Property Reference 2-	- Plot 11 ASHP Issued on D						ued on Da	te 06/0	2/2024
Assessment 00	001 Prop Type Ref Refurb Plot 1					urb Plot 11			
Reference									
Property FI	at 11, Quilt	ter House, 2	A Tankerville F	Road, London, S	W16 5FX				
SAP Rating			83 B	DER	N	/A	TER		N/A
Environmental			85 B	% DER <ter< td=""><td></td><td></td><td>N/A</td><td></td><td></td></ter<>			N/A		
CO₂ Emissions (t/year)			0.91	DFEE	N	/A	TFEE		N/A
General Requirements Co	uirements Compliance			% DFEE <tfe< td=""><td>E</td><td></td><td colspan="3">N/A</td></tfe<>	E		N/A		
		lis, Sustainat partnership.		on Services Ltd,	Tel: 0845 6	807	Assessor I	D V53	9-0001
Client									
SUMMARY FOR INPUT DA	TA FOR: Co	onversion (A	s Built)						
Orientation		South West]				
Property Tenure		Unknown							
Transaction Type	New dwelling								
Terrain Type		Urban			1				
1.0 Property Type	Flat, Semi-Detached								
2.0 Number of Storeys	1								
3.0 Date Built	2021								
S.V Date Dull	2								
		1							
4.0 Sheltered Sides 5.0 Sunlight/Shade		2 Average or u	I	Heat Loss Perime	ter Inte	ernal Floor		verage Stor	
4.0 Sheltered Sides 5.0 Sunlight/Shade 6.0 Measurements		2 Average or u		Heat Loss Perime 1.00 m	eter Inte	e rnal Floor 50.10 m ²		verage Stor 2.55 r	
4.0 Sheltered Sides 5.0 Sunlight/Shade 6.0 Measurements 7.0 Living Area		2 Average or u Gr	round Floor:					-	
4.0 Sheltered Sides 5.0 Sunlight/Shade 6.0 Measurements 7.0 Living Area		2 Average or u Gr 28.00	round Floor:					-	
 4.0 Sheltered Sides 5.0 Sunlight/Shade 6.0 Measurements 7.0 Living Area 8.0 Thermal Mass Parameter Thermal Mass 		2 Average or u Gr 28.00 Precise calcu	round Floor:		m²			-	
 4.0 Sheltered Sides 5.0 Sunlight/Shade 6.0 Measurements 7.0 Living Area 8.0 Thermal Mass Parameter Thermal Mass 	Туре	2 Average or u Gr 28.00 Precise calcu 213.7	round Floor:		m²			-	n
4.0 Sheltered Sides 5.0 Sunlight/Shade 6.0 Measurements 7.0 Living Area 8.0 Thermal Mass Parameter Thermal Mass 9.0 External Walls	Type Cavity Wall	2 Average or u Gr 28.00 Precise calcu 213.7 Cons Cavit	round Floor: Ilation struction	1.00 m] m ²] kJ/m ² K	50.10 m ²	Карра	2.55 r Gross Area	n Nett Are
 4.0 Sheltered Sides 5.0 Sunlight/Shade 6.0 Measurements 7.0 Living Area 8.0 Thermal Mass Parameter Thermal Mass 9.0 External Walls Description 		2 Average or u Gr 28.00 Precise calcu 213.7 Cons Cavit cavit cavit cavit	round Floor: Ilation struction ty wall : plasterbo ty, any outside str ty wall : plasterbo	1.00 m] m ²] kJ/m ² K block, filled	50.10 m ² U-Value (W/m ² K)	Kappa (kJ/m²K)	2.55 r Gross Area (m²)	Nett Are (m²)
4.0 Sheltered Sides 5.0 Sunlight/Shade 6.0 Measurements 7.0 Living Area 8.0 Thermal Mass Parameter Thermal Mass 9.0 External Walls Description External Wall MAT 1 New	Cavity Wall	2 Average or u Gr 28.00 Precise calcu 213.7 Cons Cavit Cavit Cavit Cavit Cavit	round Floor: Ilation struction ty wall : plasterbo ty, any outside str ty wall : plasterbo ty, any outside str	1.00 m] m ²] kJ/m ² K block, filled block, filled	50.10 m ² U-Value (W/m ² K) 0.15	Карра (kJ/m²K) 150.00	2.55 r Gross Area (m²) 27.01	n Nett Are (m²) 16.34
 4.0 Sheltered Sides 5.0 Sunlight/Shade 6.0 Measurements 7.0 Living Area 8.0 Thermal Mass Parameter Thermal Mass 9.0 External Walls Description External Wall MAT 1 New External Wall MAT 1 New Ext Wall Grey brick - Existing Gable MAT 1 New 	Cavity Wall Cavity Wall	2 Average or u Gr 28.00 Precise calcu 213.7 Cons Cavit Cavit Cavit Cavit Cavit	round Floor: Ilation struction ty wall : plasterbo ty, any outside str ty wall : plasterbo ty, any outside str ty wall : plasterbo	1.00 m] m ²] kJ/m ² K block, filled block, filled	U-Value (W/m ² K) 0.15 0.15	Карра (kJ/m²K) 150.00 150.00	2.55 r Gross Area (m²) 27.01 7.65	n Nett Are (m²) 16.34 5.74
 4.0 Sheltered Sides 5.0 Sunlight/Shade 6.0 Measurements 7.0 Living Area 8.0 Thermal Mass Parameter Thermal Mass 9.0 External Walls Description External Wall MAT 1 New External Wall MAT 1 New Ext Wall Grey brick - Existing Gable MAT 1 New 	Cavity Wall Cavity Wall	2 Average or u Gr 28.00 Precise calcu 213.7 Cons Cavit Cavit Cavit Cavit Cavit Cavit Cavit Cavit	round Floor: Ilation struction ty wall : plasterbo ty, any outside str ty wall : plasterbo ty, any outside str ty wall : plasterbo ty, any outside str ty wall : plasterbo ty, any outside str struction	1.00 m] m ²] kJ/m ² K block, filled block, filled	U-Value (W/m²K) 0.15 0.15 0.15	Карра (kJ/m²K) 150.00 150.00	2.55 r Gross Area (m²) 27.01 7.65	n Nett Are (m²) 16.34 5.74
 4.0 Sheltered Sides 5.0 Sunlight/Shade 6.0 Measurements 7.0 Living Area 8.0 Thermal Mass Parameter Thermal Mass 9.0 External Walls Description External Wall MAT 1 New External Wall Grey brick - Existing Gable MAT 1 New 9.1 Party Walls 	Cavity Wall Cavity Wall Cavity Wall	2 Average or u Gr 28.00 Precise calcu 213.7 Cons Cavit	round Floor: Ilation struction ty wall : plasterbo ty, any outside str ty wall : plasterbo ty, any outside str ty wall : plasterbo ty, any outside str ty wall : plasterbo ty, any outside str struction	1.00 m] m ²] kJ/m ² K block, filled block, filled	U-Value (W/m²K) 0.15 0.15 0.15	Kappa (kJ/m ² K) 150.00 150.00 150.00 U-Value	2.55 r Gross Area (m²) 27.01 7.65 3.40 Kappa	Nett Are (m²) 16.34 5.74 3.40 Area
 4.0 Sheltered Sides 5.0 Sunlight/Shade 6.0 Measurements 7.0 Living Area 8.0 Thermal Mass Parameter Thermal Mass 9.0 External Walls Description External Wall MAT 1 New External Wall Grey brick - Existing Gable MAT 1 New 9.1 Party Walls Description Wall to Apartments 9.2 Internal Walls 	Cavity Wall Cavity Wall Cavity Wall Type Filled Cavity Edge Sealin	2 Average or u Gr 28.00 Precise calcu 213.7 Cons Cavit	round Floor: Ilation struction ty wall : plasterbo ty, any outside str ty wall : plasterbo ty, any outside str ty wall : plasterbo ty, any outside str ty wall : plasterbo ty, any outside str struction	1.00 m] m ²] kJ/m ² K block, filled block, filled	U-Value (W/m²K) 0.15 0.15 0.15	Kappa (kJ/m ² K) 150.00 150.00 150.00 U-Value (W/m ² K)	2.55 r Gross Area (m²) 27.01 7.65 3.40 Kappa (kJ/m²K)	n Nett Are (m²) 16.34 5.74 3.40 Area (m²)
 4.0 Sheltered Sides 5.0 Sunlight/Shade 6.0 Measurements 7.0 Living Area 8.0 Thermal Mass Parameter Thermal Mass 9.0 External Walls Description External Wall MAT 1 New Ext Wall Grey brick - Existing Gable MAT 1 New 9.1 Party Walls Description 	Cavity Wall Cavity Wall Cavity Wall Type Filled Cavity Edge Sealin	2 Average or u Gr 28.00 Precise calcu 213.7 Cons Cavit	round Floor: Ilation struction ty wall : plasterbo ty, any outside str ty wall : plasterbo ty, any outside str ty wall : plasterbo ty, any outside str ty wall : plasterbo ty, any outside str struction	1.00 m] m ²] kJ/m ² K block, filled block, filled	U-Value (W/m²K) 0.15 0.15 0.15	Kappa (kJ/m ² K) 150.00 150.00 150.00 U-Value (W/m ² K)	2.55 r Gross Area (m²) 27.01 7.65 3.40 Kappa (kJ/m²K)	n Nett Are (m²) 16.34 5.74 3.40 Area (m²)





			•		/					
Description Type			Construction					(kJ/m²K)	(m²)	Nett Are (m²)
Extern	nal Flat Roof	at Roof Plasterboard, insulated at ceiling level						9.00	50.10	50.10
Floors tion Construction		tion							Kappa (kJ/m²K)	Area (m²)
	Precast concre	ete plank	s floor, screed,	carpeted					40.00	50.10
es										
Data Source	Туре		Glazing		Glazing Gap	Argon Filled	G-value		Frame Factor	U Valu (W/m²
	e Window		Double glazed		- 1		0.36	71 -	0.70	1.40
Manufacture	e Solid Door									0.63
Manufacture	e Window		Double glazed				0.53		0.72	1.12
Manufacture	e Window		Triple glazed				0.53		0.59	0.91
	e Window		Triple glazed							0.88
r Manufacture	e Window		Triple glazed							0.88
r							0.55		0.70	0.57
Opening Type	Location		Orientation	Curtain	Overheine	Wide	14/:dab 11	laight Cour		Curtai
Opening Type	Location		Unentation	Туре	Ratio	Overhang		(m)	(m ²)	Closed
Solid Door		all MAT	South West						2.30	
Window	[2] Ext Wall Gr	rey brick	North East	None	0.00				1.91	
Window	[1] External W	all MAT	North East	None	0.00				1.20	
Window	[1] External W	all MAT	South East	None	0.80	No			2.05	
Window	[1] External W	all MAT								
Window		all MAT				110				
	1 New		South west	None	0.00				1.55	
/	None									
ofing	100					%				
бу	No									
ging	Defaul	t								
	0.150					W/m²K				
ting	Vos									
-						$m^{3}/(h m^{2})$	@ 50 Pa			
						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	@ 5014			
•						m ³ /(h m ²)	@ 50 Pa			
	0.03						0.001.0			
-		nd	aliabethe are a							
			siigntiy open			4				
						4				
						4				
		0				1				
e rate entilation	0.0	0								
	es Data Source Manufacture r Manufacture Manufacture r Man	Type External Flat Roof Construction Precast concre es Type Manufacture Window r Manufacture Solid Door [1] External W New 1] External W Window [2] Ext Wall Gr - Existing 1 New Window [1] External W New 1 New Window [1] External W New 1 New Window [1] External W New 1 New Window [1] External W None 1 New Window [1] External W None 1 New Manufacture None Open [0.00] op [0.150]	Type Construction External Flat Roof Plaster Construction Precast concrete plank es Data Source Type Manufacture Window r Manufacture Solid Door r Manufacture Window r Solid Door [1] External Wall MAT 1 New Window [2] Ext Wall Grey brick - Existing Window [1] External Wall MAT 1 New Manufacture [1] External Wall MAT 1 New Mindow [1] External Wall M	Type Construction External Flat Roof Plasterboard, insulate Construction Precast concrete planks floor, screed, es Data Source Type Glazing Manufacture Window Double glazed r Manufacture Solid Door r Manufacture Manufacture Window Triple glazed r Manufacture Window South West North East Nindow [2] Ext Wall Grey brick - Existing North East North East Window [1] External Wall MAT 1 New South West North East Window [1] External Wall MAT 1 New South East North East Window [1] External Wall MAT 1 New South West South West Mindow [1] External Wall MAT 1 New South West South West Mindow [1] External Wall MAT 1 New South West	Type Construction External Flat Roof Plasterboard, insulated at cellin, External Flat Roof Plasterboard, insulated at cellin, Construction Precast concrete planks floor, screed, carpeted es Data Source Type Glazing Manufacture Window Double glazed r Manufacture Solid Door r Manufacture r Manufacture Window Triple glazed r Manufacture Window Triple glazed r Type Manufacture Window Triple glazed r Type Solid Door [1] External Wall MAT South West None Vindow [2] Ext Wall Grey brick North East None Window [1] External Wall MAT South West None Nindow [1] External Wall MAT North East None Window [1] External Wall MAT North East None Window [1] External Wall MAT North East None Mindow [1] External Wall MAT North East None Mindow <t< td=""><td>Type Construction External Flat Roof Plasterboard, insulated at ceilling level Construction Precast concrete planks floor, screed, carpeted Precast concrete planks floor, screed, carpeted Glazing Glazing Manufacture Vindow Double glazed Glazing Glazing Manufacture Window Double glazed France Overhang Manufacture Window Triple glazed France Overhang Manufacture Window Triple glazed France Overhang Manufacture Window Triple glazed France Overhang Solid Door [1] External Wall MAT South West North East None 0.00 Vindow [2] Ext Wall Grey brick North East None 0.00 0 Vindow [1] External Wall MAT South West None 0.00 0 Vindow [1] External Wall MAT South West None 0.00 0 Vindow [1] External Wall MAT South West None 0.00 0 Vindow [1] External Wall MAT South</td><td>Type Construction External Flat Roof Plasterboard, insulated at ceiling level Construction Precast concrete planks floor, screed, carpeted es Data Source Type Glazing Glazing Glazing Argon Manufacture Window Double glazed r Filled Filled Manufacture Window Double glazed r Manufacture Window Triple glazed r Manufacture Window Triple glazed r Manufacture Window Triple glazed r Solid Door [1] External Wall MAT North East None 0.00 Overhang Wide Solid Door [1] External Wall MAT North East None 0.00 No Window [2] Ext Wall Grey brick North East None 0.00 No Window [1] External Wall MAT North East None 0.00 No Window [1] External Wall MAT North East None 0.00 No Window</td><td>Type Construction U-Value (W/m*k) External Flat Roof Plasterboard, insulated at celling level 0.18 Construction Precast concrete planks floor, screed, carpeted Glazing Argon Gap Gravatue Filled Manufacture Window Double glazed 0.36 r Manufacture Solid Door 0.36 r Manufacture Window Double glazed 0.53 r Manufacture Window Triple glazed 0.53 r Manufacture Window Triple glazed 0.53 r Manufacture Window Triple glazed 0.53 solid Door [1] External Wall MAT North East None 0.00 Solid Door [1] External Wall MAT North East None 0.00 Window [1] External Wall MAT North East None 0.00 No Window [1] External Wall MAT North East None 0.00 No Window [1] External Wall MAT North East None 0.00 No ging Default ma²/(h.m²</td><td>Type Construction U-Value (W/m*k) Kappa (U/m*k) External Flat Roof Plasterboard, insulated at celling level 0.18 9.00 Construction Precast concrete planks floor, screed, carpeted Gazing Glazing G-value Frame Manufacture Window Double glazed 0.53 0.53 0.53 "Manufacture Window Double glazed 0.53 0.53 0.53 "Manufacture Window Triple glazed 0.53 0.53 0.53 Solid Door [1] External Wall MAT South West North East None 0.00 0.53 0.53 Window [2] Ext Wall Grey brick North East None 0.80 No 1 1 Window [1] External Wall MAT North East <t< td=""><td>Number (W/m²K) (U/m²K) (</td></t<></td></t<>	Type Construction External Flat Roof Plasterboard, insulated at ceilling level Construction Precast concrete planks floor, screed, carpeted Precast concrete planks floor, screed, carpeted Glazing Glazing Manufacture Vindow Double glazed Glazing Glazing Manufacture Window Double glazed France Overhang Manufacture Window Triple glazed France Overhang Manufacture Window Triple glazed France Overhang Manufacture Window Triple glazed France Overhang Solid Door [1] External Wall MAT South West North East None 0.00 Vindow [2] Ext Wall Grey brick North East None 0.00 0 Vindow [1] External Wall MAT South West None 0.00 0 Vindow [1] External Wall MAT South West None 0.00 0 Vindow [1] External Wall MAT South West None 0.00 0 Vindow [1] External Wall MAT South	Type Construction External Flat Roof Plasterboard, insulated at ceiling level Construction Precast concrete planks floor, screed, carpeted es Data Source Type Glazing Glazing Glazing Argon Manufacture Window Double glazed r Filled Filled Manufacture Window Double glazed r Manufacture Window Triple glazed r Manufacture Window Triple glazed r Manufacture Window Triple glazed r Solid Door [1] External Wall MAT North East None 0.00 Overhang Wide Solid Door [1] External Wall MAT North East None 0.00 No Window [2] Ext Wall Grey brick North East None 0.00 No Window [1] External Wall MAT North East None 0.00 No Window [1] External Wall MAT North East None 0.00 No Window	Type Construction U-Value (W/m*k) External Flat Roof Plasterboard, insulated at celling level 0.18 Construction Precast concrete planks floor, screed, carpeted Glazing Argon Gap Gravatue Filled Manufacture Window Double glazed 0.36 r Manufacture Solid Door 0.36 r Manufacture Window Double glazed 0.53 r Manufacture Window Triple glazed 0.53 r Manufacture Window Triple glazed 0.53 r Manufacture Window Triple glazed 0.53 solid Door [1] External Wall MAT North East None 0.00 Solid Door [1] External Wall MAT North East None 0.00 Window [1] External Wall MAT North East None 0.00 No Window [1] External Wall MAT North East None 0.00 No Window [1] External Wall MAT North East None 0.00 No ging Default ma ² /(h.m ²	Type Construction U-Value (W/m*k) Kappa (U/m*k) External Flat Roof Plasterboard, insulated at celling level 0.18 9.00 Construction Precast concrete planks floor, screed, carpeted Gazing Glazing G-value Frame Manufacture Window Double glazed 0.53 0.53 0.53 "Manufacture Window Double glazed 0.53 0.53 0.53 "Manufacture Window Triple glazed 0.53 0.53 0.53 Solid Door [1] External Wall MAT South West North East None 0.00 0.53 0.53 Window [2] Ext Wall Grey brick North East None 0.80 No 1 1 Window [1] External Wall MAT North East <t< td=""><td>Number (W/m²K) (U/m²K) (</td></t<>	Number (W/m ² K) (U/m ² K) (





No			
Database			
Balanced m recovery	echanical vent	ilation with heat	
500140			
1			
Yes			
0.76			
Rigid			
91.00			
1			
MHS	SHS	Other	Total
0		0	0
0		0	0
			0 0
			0
No			
NU			
10			
10			
100.00			%
No			
Standard			
Database			
100			%
104367			
	er and at least	two room	
thermostats			
0			
2205			
in unheated spa	се		
Radiators			
)		
None			
	Database Balanced m recovery 500140 1 Yes 0.76 Rigid 91.00 1 MHS 0 0 0 0 0 10 10 10 10 10 10 10 100 100 100 100 100 100 100 100 104367 Electricity PET 224 0.0 0.0 CHF Programmether thermostats 0 2205 in unheated spa Normal (> 45°C)	Database Balanced mechanical vent recovery 500140 1 Yes 0.76 Rigid 91.00 1 MHS SHS 0 0 0 0 0 0 0 0 0 0 0 0 10 10 10 10 10 100 100 100 104367 Electricity PET 224 0.0 0.0 CHF Programmer and at least thermostats 0 2205 in unheated space Radiators Normal (> 45°C)	Database Balanced mechanical ventilation with heat recovery 500140 1 Yes 0.76 Rigid 91.00 1 MHS SHS Other 0 0 0 0 0 0 0 0 No 0 10 0 10 0 10 0 10 0 10 0 100 0 100 0 100 0 100.00 0 No 0 Standard 0 Database 0 100 0 104367 0 Electricity PET 224 0.0 0.0 0 2205 0 in unheated space 0 Radiators 0 Normal (> 45°C) 0

Community Heating

None





28.0 Water Heating	HWP From main heating 1	
Water Heating	Main Heating 1	
Flue Gas Heat Recovery System	No	
Waste Water Heat Recovery Instantaneous System 1	No	
Waste Water Heat Recovery Instantaneous System 2	No	
Waste Water Heat Recovery Storage System	No	
Solar Panel	No	
Water use <= 125 litres/person/day	Yes	
SAP Code	901	
Immersion Only Heating Hot Water	No	
29.0 Hot Water Cylinder	Hot Water Cylinder	
Cylinder Stat	Yes	
Cylinder In Heated Space	Yes	
Independent Time Control	Yes	
Insulation Type	Foam	
Insulation Thickness	60	
Cylinder Volume	150.00	L
Pipes insulation	Fully insulated primary pipework	
31.0 Thermal Store	None	

Recommendations

Lower cost measures

None

Further measures to achieve even higher standards

None

