

SAP SUMMARY REPORT

Kings Close



SAP VERSION: SAP 2009 SAP 2012 SAP 2021 Ref

Assessor Name	Rachael Fleming	Date	11.12.2023	Version No	1
Contact Name	Scot Masker	Site Name	Nursery Lodge		
Company Name	Masker Architects Ltd				
Company address	Suite 13-14, Talbot House, 34 Staple Gardens, Winchester, Hampshire, SO23 8SR				
Site Address	Kings Close Islington, GU34 4PP				
Email address	<input type="text" value="REDACTED"/>	No. of units	1		

CONSTRUCTION NOTES (continue to extra sheet if necessary)

Element	Construction	U Value
Ground floor	TBC	0.12
External Wall with render	TBC	0.16
Timber wall room in roof	TBC – Timber double plasterboard	0.17
Dormer cheeks	TBC	0.18
Dormer Roof	TBC	0.10
Slope Roof	TBC	0.10
Flat roof	TBC	0.10
Glazing	TBC – Double glazed	1.2
External doors	TBC – Glazed Doors	1.0
Roof Light	TBC – Double glazed	1.2
Roof Lantern	TBC – Double glazed	1.2

AIR PERMEABILITY

You need to achieve no higher than: FINAL COMPLETION: If SEES Ltd are not completing the Air Permeability Test at final completion stage, then please send air test certificate results to <input type="text" value="REDACTED"/> alternatively to book air tests please en <input type="text" value="REDACTED"/>	4.0
If some plots are not tested, then similar plots will need to achieve no higher than	N/ A (SAP 2021 All plots tested)

MECHANICAL VENTILATION

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Type	Extract fans to wet rooms and kitchen		
Model	TBC		
Approved Installer	YES <input type="checkbox"/> NO <input type="checkbox"/> (If yes please provide a ventilation inspection/ commissioning report per plot) https://www.gov.uk/guidance/competent-person-scheme-current-schemes-and-how-schemes-are-authorised#current-schemes		

HEATING

Type (Make and Model)	Highly- efficient ASHP similar to Hitachi Yutaki S80 (SAP code 105722) or Vaillant Arotherm + 12kW (SAP Code 103756) both with water tank for DHW		
Heat Source	Air Source Heat Pump (electricity)		
Controls	Time and temperature zone control		
Heat Emitters	Radiators and underfloor, pipes in thin screed		
Secondary heating	Wood burning stove TBC		
Cylinder (if applicable)	250-300L	Measured Loss	1.4 - 1.6
Waste-Water Heat Recovery	None		

LIGHTING

Fixed Internal lighting - (Low energy fittings are defined as fittings that can only be used with lamps having a luminous efficacy greater than 45 lumens per circuit watt)	Low Energy Lights Fitted - YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> Percentage of L.E.L fitted - 100 %
Fixed External Lighting Either Lamp capacity not greater than 100 lamp-watts per light fitting, and All lamps automatically controlled so as to switch off after the area lit by the fitting becomes unoccupied, and All lamps automatically controlled so as to switch off when daylight is sufficient Or Lamp efficacy greater than 45 lumens per circuit-watt, and All lamps automatically controlled so as to switch of when daylight is sufficient, and Light fittings controllable manually by occupants	External Lights Fitted - YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> <input checked="" type="checkbox"/> L.E.L fitting or standards with light and motion sensors.
SAP 2021 – Lux Calculations	Assumed – 100 lm/ W
Number of Light fittings	50 - TBC

RENEWABLE TECHNOLOGY - PV

None			
Connected to Battery	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> 0.12	Battery Capacity kWh	0.00
MCS Accredited Contractor	YES <input type="checkbox"/> NO <input type="checkbox"/>	Export Capable Meter	YES <input type="checkbox"/> NO <input type="checkbox"/>

THERMAL BRIDGING

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Non-repeating junctions have been designed and built to the following details:	Default	Approved (ACD)	Independently Assessed (Please provided details)
			Constructive Details
E2 Other Lintels			0.080
E3 Sill			0.045
E4 Jamb			0.050
E5 Ground floor			0.080
E20 Exposed floor			
E6 Intermediate floor within dwelling			0.000
E7 Party floor between dwellings			
E20 Exposed floor (normal)			
E21 Exposed floor (inverted)			
E23 Balcony within/ between dwellings, balcony support penetrate insulation			
E10 Eaves (insulation at ceiling)			
E11 Eaves (insulation a rafter)			
E12 Gable (insulation at ceiling)			
E13 Gable (insulation at rafter)			
E14 Flat roof	X		
E15 Flat roof with parapet			
E16 Corner			0.057
E17 Corner (Inverted)			
E18 Party wall between dwellings			
R1 Roof to wall (rafter)	x		
R2 Upstand or kerbs of rooflights	x		

Water			
Water From Mains	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
Number of Showers Assumed	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Flow Rate l/ M	8
Bath	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		

As Built Declaration

DETAILS OF YOUR AIR LEAKAGE TESTS

If you are required to have an air test, this should be completed before you return this form so we can include the result in your final Part L reports and Energy Performance Certificate.

If we are completed your air test, we will have these results on file
If somebody else is completing your air test, please send us the certification

Photographic Evidence

Photographs should be taken for each dwelling on a development as a record during the construction of a property. The photographs should be made available to the energy assessor and the building control body. Photos should be:

- Digital
- High quality to allow qualitative audit of the subject detail
- Close-up photos should long shot provide insufficient detail
- Geolocation to confirm location, date, and time of each location (some digital cameras have this facility and most modern smart phones i.e. iPhone)
- File names should include plot number and detail reference i.e. Plot 8 4B.

The Buildings Regulations England Part L (BREL) report and photographic evidence should be provided to the building control body and to the building owner to show that building work complies with energy efficiency requirements.

Once a photograph has been taken on site this needs to be forwarded to the OCDEA for review, and consideration. The assessor is governed by a set of conventions which will determine the level to which they review the image, what actions they need to take and the consequence of the non-provision of images during construction (this may include elements of construction subject to off-site manufacture). In instances where the photo shows a change to a detail, for example the ground floor insulation, the assessor will need to review the SAP Calculations and update the Part L compliance metrics, depending on the outcome of this review further changes may be required elsewhere to ensure continued compliance with Part L.

PLOTS TO POSTAL

We are required to update your reports to show the official postal address for each dwelling. Please provide all postal addresses, including postcode, clearly matching plots to postal number.

FINAL ADJUSTMENTS

If any details shown on the previous pages are no longer correct, please detail changes below:

Please note a recalculation charge may be made for any alterations, we will notify you of this before any additional work is completed.

DISCLAIMER

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The results in the attached schedule have been prepared based on working drawings, specification and other correspondence provided. Any deviation from any of this documentation or the above specifications will invalidate the SAP, DER and TER results

I have read the above construction notes and can confirm they are correct.

