



Job Details:	
Site Name:	Kemplay Road
House Type:	Be Green Specification
Client:	TAG Architects
Date:	14 October 2014

SAP SURVEY NOTES & SPECIFICATION

- 1). Please read this document carefully as it contains details of the specification used in the Design Stage SAP calculation.
- 2). If you have any issues with anything outlined below, or you need to change anything during construction, please contact us as changes may result in the performance dropping below Building Regulations compliance levels.
- 3). When construction is complete, please complete the form on Page 3, sign and return to info@mesbuildingsolutions.co.uk and we will produce the As-Built SAP and EPC.

OPENINGS SPECIFICATION

	Opening	Glazing Type	Low-E Coating	Frame Type	Air Gap	Argon Fill	G-Value	Frame Factor	U-Value
1	Door:	Solid							1.20
2	Window:	Double	Soft 0.10				0.63	0.80	1.40
3	Roof Window:	Double	Soft 0.10				0.63	0.80	1.40

OPAQUE ELEMENTS SPECIFICATION

	Element	Construction Specification	U-Value
4	Basement Wall	U-Values to be provided by client	0.22 or lower
5	External Wall	U-Values to be provided by client	0.25 or lower
6	Party Wall	Fully filled cavity with edge sealing	0.00 (Default)
7	Pitched Roof Insulated in Rafters	Insulation to be continues from ridge to eaves U-Values to be provided by client	0.16 or lower
8	Flat Roof	U-Values to be provided by client	0.16 or lower
9	Ground Floor to Basement	U-Values to be provided by client	0.18
10	Ground Floor	U-Values to be provided by client	0.20
11			

THERMAL BRIDGING

	Default Values	Accredited Construction Details	Calculated Psi-Values	Externally Calculated Y-Value
12	Source of Data:	Yes	Yes	N/A
13	Provide Source of Details and Information Used:	Y-Value calculated - clients to use Accredited Construction Details relevant to the construction type and forward completed on site checklist. These are free to download from: http://www.planningportal.gov.uk/buildingregulations/approveddocuments/part1/bcassociateddocuments9/acd		

AIR PRESSURE TESTING

14	Unit(s) Being Tested:	Yes
15	All Units of Type Being Tested:	N/A
16	Target q50 (m3/m2/hour):	5.10

VENTILATION

	Windows Open	Cross Ventilation	Night Ventilation	Air Change Rate
17	Summer Overheating	Fully Open	Yes	Yes
18	Ventilation System:	Intermittent Extract Fans with Trickle Vents		
19	Fixed Cooling:	Fixed cooling system needs to be A rated or better and serve 131m2 or less floor area		
20	Model Reference:	To be confirmed by client		

LIGHTING & ELECTRICITY TARIFF			
21	Total Number Internal Light Fittings:	Unknown	
22	Total Number of Low Energy Lamps:	100%	
23	External Lights Provided?	Yes	Low Energy Lamps or Light & Motion Sensors? Yes
24	Electricity Tariff:	Standard	

MAIN HEATING SYSTEM 1			
25	System Description:	Regular gas boiler	
26	Proportion of Heat Demand:	100%	
27	Fuel:	Mains Gas	
28	Make & Model:	Minimum Sedbuk 2009 efficiency of 89%	
29	Controls:	At least 2 separate heating zones with independent time & temperature control	
30	Compensator Installed:	Weather Compensator	
31	Delayed Start Thermostat:	N/A	
32	Heat Emitter:	Underfloor & Radiators - Pipes in Thin Scream	
33	Main Heating System Pumped:	Pump in Heated Space	
34	Other Information:		

MAIN HEATING SYSTEM 2			
35	System Description:		
36	Other Information:		

SECONDARY HEATING			
37	Fuel:	Wood Log Only	
38	Heater Type/Description:	Wopen firre in grate	
39	HETAS Approved?	Yes	

WATER HEATING			
40	Source:	Main Heating System 1	
41	Water Use < 125 litres/person/day:	Yes	
42	Primary Pipework Insulated:	Yes	
43	Thermal Store:	None	
44	Independent Time Control:	Yes	
45	Cylinder Thermostat:	Yes	
46	Cylinder in Heated Space:	Yes	
47	DHW Cylinder:	Yes	Cylinder Volume: 300 litres (assumed)
48	Insulation Type:	Foam	Thickness (mm): 80mm

RENEWABLES & SPECIAL FEATURES			
Photovoltaics			
49	Array Size (kWp):	3.36	Array Type: Per Dwelling
50	Orientation:	South	Elevation: 30 degrees
Solar Thermal			
51	System Details:		
52	Panel Type:		Orientation:
53	Elevation:		Overshading:
54	Aperture Area (m2):		Solar Storage Volume:
55	Pump:		Combined Cylinder:
56	n0:	a1:	A/G Ratio:
Other Renewables & Special Features			
57			



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SAP SURVEY NOTES & SPECIFICATION - EPC REQUEST

When construction is complete and an EPC is required please complete this form, sign and return via e-mail to info@mesbuildingsolutions.co.uk, via fax to 01636 691305 or via post to the address at the bottom of the form.

Contact Name / e-mail Address / Telephone Number

Contact Address

Please Provide Details of the Plot(s) for Which EPCs are Required

Please Provide the Full Postal Address for Each Plot - Including a Valid Postcode

Declaration

I confirm the property has been constructed as per the specification in the Design Stage SAP calculations and as detailed in pages 1 & 2 of this form.

Yes / No

If the answer to the above question is 'No' please detail any changes that have been made in the space provided below:

Please note that changes may be subject to additional fees, please contact us on 01636 653055 for more information.

Please Confirm the Manufacturer and Exact Model of the Boiler(s) Used

Please Provide Details of the Air Permeability Test Results (q50 in m3/m2/hour), if Applicable

Please call us on 01636 653055 to book a test, or supply a copy of the BINDT test certificate showing the q50 result.

Signature:	Date:
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