



SAP Summary Report

20 Watford Road & 1 Brookdene Drive
London
As Designed
Part L1A (2013)

Ref: 06-17-63989
Issue Date 25/06/2019
Prepared for: Clearview Homes

Project Name	20 Watford Road & 1 Brookdene Drive
Project Number	06-17-63989
Revision	-
SAP Assessor	Aymon Winter
Assessor Number	STRO014511

Project Status
SAP compliance achieved

Project Status Details
SAP compliance achieved, but assumptions have been made that require client review and response to finalise the calculations, please see details below;

Comments by Assessor

DISCLAIMER <i>The results in the attached schedule have been prepared based on drawings, specification and other correspondence provided, unless otherwise stated above. Any deviation from any of this document or the specifications will invalidate the SAP, DER, and TER results.</i>
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SAP Summary Report												
Property Type	Plot	Built Form	TER	DER	Percent Improvement	Total Floor Area	FEE	Air permeability	Air Target (If Sample testing)	Building Regulations Results	DFEE - BR 2012	TFEE - BR 2012
Flat	Flat 1		22.63	15.41	31.9	49.52	54.14	5	3	Yes	54.1	63
Flat	Flat 2		18.55	11.48	38.11	103.03	53.10	5	3	Yes	53.10	59.90
Flat	Flat 3		18.91	11.74	37.92	94.05	51.11	5	3	Yes	51.10	58.90
Flat	Flat 4		23.31	15.84	32.05	49.52	55.82	5	3	Yes	55.80	66.10
Flat	Flat 5		21.46	14.58	32.06	50.23	50.10	5	3	Yes	50.10	56.30
Flat	Flat 6		19.92	13.38	32.83	52.07	45.54	5	3	Yes	45.50	49.20
Flat	Flat 7		17.38	11.92	31.42	54.74	40.62	5	3	No	40.60	38.70
Flat	Flat 8		16.29	9.97	38.80	85.43	41.81	5	3	Yes	41.80	43.50
Flat	Flat 9		21.92	15.08	31.20	51.50	53.45	5	3	Yes	53.40	60.00
Flat	Flat 10		19.00	11.34	40.32	77.95	46.28	5	3	Yes	46.30	54.00
Flat	Flat 11		17.07	10.54	38.25	85.56	43.70	5	3	Yes	43.70	46.10
Flat	Flat 12		17.74	11.03	37.82	85.43	45.85	5	3	Yes	45.80	49.30

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Design SAP Input Data Table				
	Description	Reference/Source	Details	Comments
Fabric U-values (W/m ² K)	Ground Floor	Target U-Value	0.11	Construction TBC
	Exposed Floor	Target U-Value		Construction TBC
	External Wall	Target U-Value	0.21	Construction TBC
	All walls to Unheated Spaces (Corridor, Stairwell, Liftshaft Etc)	Target U-Value	0.26	Construction TBC
	Walls to Loft Space	Target U-Value	0.19	Construction TBC
	Dormer Cheeks	Target U-Value	0.19	Construction TBC
	Party Wall	Specification	0.00	All Cavities Fully filled with effective sealing at all exposed edges and in line with insulations layers in abutting elements
	Roof Ins at Ceiling Level	Target U-Value	0.11	Construction TBC
	Roof Pitched	Target U-Value	0.19	Construction TBC
	Ceiling to Loft Space	Target U-Value	0.11	Construction TBC
	Roof to Balcony	Target U-Value	0.11	Construction TBC
	Dormer Roof	Target U-Value	0.19	Construction TBC
	Doors	Specification	1.20	
	Window	Specification	1.20	G-Value 0.42
	Window opening types	Specification	Windows open half the time	Unit 7 allowed for windows fully open
	Roof Lights	Specification	1.20	G-Value 0.31
	y-value	Calculated	Various	Calculated with ACD Details and porotherm CD Book 7 details to all applicable details.
Thermal Mass		Calculated	Various	
Ventilation	Airtightness m ³ /(hr.m ²)		5.0	
	Mechanical Ventilation	Specification	Intermittent extract fans	
Heating	Main Heating System	Specification	Alpha E-Tec 33	
	Controls	Specification	Time and temperature zone control	
	Water Heating	Specification	From Main Heating System	
	Secondary Heating System	Specification	None	
Low energy lighting		Specification	100%	
Renewables		Specification	14.4kWp PV Array	Assumed installed between 0 - 15 degree tilt.

REVISION	DESCRIPTION OF AMENDMENTS	DATE
-	First issue	25/06/19

- Air Test certificate (unless Stroma have been appointed to carry out the air test/s)
- Written confirmation of full address including postcode
- Signed and dated confirmation sheet, and details of new specification/s (If differs from those provided at design stage).
- MCS certificate
- Manufacturers data sheets detailing U values for windows
- Signed ACD checklist (if applicable)

I confirm that the dwelling has been built in accordance with the above construction specification details

Company	Printed Name and Signature	Date