



Client Name	Carnell Warren Associates	Project Name	95 Avenue Road Semis	Assessor	Graham Suttill
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Building Fabric		
Element	Specification	U-Value
Basement Floor	Construction specification to be confirmed Based on Part L limiting value for a retained floor. If new floor installed target becomes 0.18 W/m ² k	0.25 W/m ² k
Internal Floors	Concrete internal floors	N/A

Existing Walls	Construction specification to be confirmed – based on internal insulation	0.30 W/m ² k
Retaining Walls	Construction specification to be confirmed– based on internal insulation	0.30 W/m ² k
New External Walls	Construction specification to be confirmed - currently based on cavity wall	0.18 W/m ² k
Internal Walls	Plasterboard on dabs, dense blockwork walls	N/A
Party Walls	Solid - treated as non-heat loss or fully filled cavity wall	0.00 W/m ² k

GF Flat Roof	Construction specification to be confirmed – based on Part L limiting value for new roof	0.15 W/m ² k
1F Flat Roof	Construction specification to be confirmed – based on Part L limiting value for new roof	0.15 W/m ² k
Internal Ceilings	Concrete internal ceilings	N/A

Entrance Door	Solid timber or composite door	1.40 W/m ² k
Windows	Double glazed Argon filled - LowE coated glass, G value 0.40	1.40 W/m ² k
Glazed Doors & Glazed Walls	Double glazed Argon filled - LowE coated glass, G value 0.40	1.40 W/m ² k
Rooflights	Double glazed Argon filled - LowE coated glass, G value 0.40	1.30 W/m ² k

Element	Details
Air Permeability	Target air pressure test score of 6 m ³ /hm ²
Thermal Bridging	Not measured on existing structure, default Y value of 0.20
Thermal Mass	Calculated

Building Services	
Element	Specification
Ventilation	MVHR – Vent Axia Sentinel Kinetic FH with 3/4 extracts, installed within heated envelope with level 1 insulated rigid ductwork
Heating System	Air Source heat pump linked to underfloor heating & radiators. SAP Default efficiency 170%
Heating Controls	Time and temperature zone controls through suitable arrangement of plumbing.
Hot Water (from ASHP)	300L storage with cylinder loss factor no greater than 1.80 kWh/day. Cylinder in heated space with thermostat, fully insulated pipework & on separate timer to heating. Includes back up immersion heater
Cooling	Cooling to living rooms, kitchens and bedrooms. A+ rated system
Showers	Supplied from unvented cylinder, flow rate 9L/min
Lighting	Low Energy LED Lighting throughout. Minimum efficacy 75 Lm/cW,

Revision	Date	Details
-	15/12/2023	Design Issue
B	21/12/23	Revised in line with overheating requirements

Notes –

I confirm the dwelling(s) will be built in line with the above specification. Any deviation from the above could affect compliance with Part L

Print Name & Signature	Company	Date
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