



Client Name	Carnell Warren	Project Name	Kings Terrace	Assessor	Marcus Eves
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Building Fabric		
Element	Specification	U-Value
Basement Floors	Spec TBC	0.20 W/m ² k
Exposed Upper Floors	Spec TBC	0.20 W/m ² k
Floor Over Commercial	Spec TBC	0.20 W/m ² k

Existing Brick Walls	Internally Insulated – Spec TBC	0.30 W/m ² k
Existing Basement Walls	Internally Insulated – Spec TBC	0.30 W/m ² k
Walls to Commercial	Spec TBC	0.25 W/m ² k
New Top Floor Walls	Light Weight Frame – Spec TBC	0.25 W/m ² k
Party Walls between Dwellings	Solid Walls	0.00 W/m ² k

Flat Roof/Terrace (Existing)	Spec TBC	0.16 W/m ² k
New Roof Slope	Spec TBC	0.16 W/m ² k
New Main Flat roofs	Spec TBC	0.16 W/m ² k

Windows	Double glazed Argon filled G-Value:0.63. Light Transmittance: 0.72	1.40 W/m ² k
Rooflights	Double glazed Argon filled LowE coated glass G Value: 0.63 Light Transmittance: 0.72	1.40 W/m ² k
Solid Doors	Insulated Doors	1.40 W/m ² k

Element	Details
Air Permeability	Score of 15.00 m ³ /hm ² Exempt from testing
Thermal Bridging	Standard Construction Details
Thermal Mass	Lightweight

Building Services	
Element	Specification
Ventilation	Local Intermittent Extract Only
Heating System	Gas fired boiler to radiators Vaillant ecoTEC plus 624 Manufacturers declared Efficiency 89.4%
Heating Controls	Time and temperature zone controls Vaillant VRT 50 Thermostat
Hot Water	From Main Boiler 210L Megaflo Eco. Standing Losses: 1.42 kWh/24
Lighting	Low Energy lighting throughout Lighting efficiency greater than 45 Lumens per circuit Watt
Renewables	None

Revision	Date	Details
-	05/05/2020	Draft Design Issue

Notes
The above specification will achieve Part L 2013 Compliance

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	