

Strathmore Centre, Teddington



BRegs L1A 2013																		
Option	Units	External Wall	Ground Floor	Roof	Window	Ext Door	Ext Door	Boiler	Delayed Start Thermostat	Weather / load Compensator	Secondary Heating	HW Cylinder	Renewables (PV)	Renewables (Area)	Mechanical Ventilation	Air- Permeability	DER v TER improvement	
Type	Plot No	U Value	U Value	Y/N	U Value	U Value	U Value	Make	Y/N	Y/N	Y/N	(litres)	(kWp)	m ²	Type		%	
Flats	all	0.15	0.12	0.15	1.3	1.40	1	Vaillant EcoTEC exclusive 835	N	N	N	N	25.00	175.00	MVHR	4	37.6	
Element	U Values		Description															
External Wall	0.15		Specification TBC. U-value assumed															
Heat loss floor	0.12		Specification TBC. U-value assumed															
Roof	0.15		Specification TBC. U-value assumed															
Windows	1.30		Specification TBC. U-value assumed															
External Door	1.40		U-value assumed - Specification TBC (timber, upvc etc.)															
Construction Details (PSI values)	-		Accredited Constructon Details psi-values have been proposed for all applicable junctions. TBC															
Boiler	Y		Vaillant ecoTEC Exclusive 835 - mains gas combi															
Controls	-		CBE Programmer, room thermostat and TRVs															
Heating Emitters	-		Radiators															
HW Cylinder	N		-															
Secondary Heating	N		-															
Mechanical Ventilation	Y		Nuair MRXBOXAB-ECO2 Mechanical Ventilation with Heat Recovery (MVHR)															
Lighting	-		100% Low Energy Lighting - CFL or LED															
Renewables	Y		PV to achieve 35% DER/TER improvement for Building Regs. Only Block B is suitable due to orientation of Block A.															
Overheating	-		OVERHEATING RISK: Windows open half the time therefore security restrictors need to be fitted on ground floor glazing.															
Notes																		
Sign Off of details	Name	PP M Maclean	Date	29.11.2019	On behalf of the contractor/client:							Name		Date				
	Sign	(on behalf of SRE)										Sign						