



## **Land at Avondale Drive**

Planning reference: 76551/APP/2021/4502

Condition 38 – Be Seen Plan

## **Avondale Drive Be Seen Plan**

<b>FIRST STAGE (RIBA 2/3) - Hillingdon Council</b>	<b>kWh</b>	<b>INFORMATION SOURCE</b>
Annual Electricity Use	32,754	Design Stage SAP
Annual Gas Use	0	
Annual Oil Use (if applicable)	0	
Annual Biomass Use (if applicable)	0	
Annual District Htg Use (if applicable)	0	
Annual District Clg Use (if applicable)	0	
Elec Generation, Gross (if applicable)	33,681	Design Stage SAP
Solar Thermal Generation (if applicable)	0	
Predicted Annual Carbon Emissions	0	

<b>2ND STAGE (RIBA 6) - Higgins Construction</b>	<b>kWh</b>	<b>INFORMATION SOURCE</b>
Annual Electricity Use	TBC	AS-Built SAP
Annual District Htg Use (if applicable)	TBC	AS-Built SAP
Annual District Clg Use (if applicable)	TBC	AS-Built SAP
Elec Generation, Gross (if applicable)	TBC	AS-Built SAP
Predicted Annual Carbon Emissions	TBC	AS-Built SAP

***Note: Should the 2nd Stage figures indicate a shortfall against the agreed 1st Stage Targets the contractor should identify strategies for remedying these shortfalls. These might include; additional generation (PV), or additional carbon offset payments.***

<b>3RD STAGE (RIBA 7) - Building Operator</b>	<b>kWh</b>	<b>INFORMATION SOURCE</b>
Annual Electricity Use	TBC	Utility meter reading
Annual District Htg Use (if applicable)	TBC	Switch-2 meter reading
Annual District Clg Use (if applicable)	TBC	Switch-2 meter reading
Elec Generation, Gross (if applicable)	TBC	PV reporting App
Predicted Annual Carbon Emissions	TBC	Calculation based upon the above

***Note: Should the 3rd Stage figures indicate a shortfall against the agreed 1st Stage Targets the operator should identify strategies for remedying these shortfalls. These might include; investigating any shortfalls in Heat Pump SCOP's or PV outputs, recommissioning of heat pumps (eg flow temperature) to improve heat pump SCOP's, training for building operators, education for residents, additional carbon offset payments.***

# MAYOR OF LONDON

OVERALL PROGRESS		94%																																																																																																																		
CURRENT REPORTING STAGE		Planning *																																																																																																																		
CONTEXTUAL DATA <span style="float: right;">Progress: 89%</span>																																																																																																																				
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**Overall Development Summary**

Total Development Floor Area		
Residential	GIA m <sup>2</sup>	2,238
Non-Residential	GIA m <sup>2</sup>	0
Total	GIA m <sup>2</sup>	2,238
Total Non-Residential Uses		There is no non-domestic floor area.

+ **SUPPLEMENTARY FILES AND UPCOMING REPORTING STAGES****DEVELOPMENT PERFORMANCE AND EMISSIONS**

Progress: 100%

+ **DEVELOPMENT PERFORMANCE****DEVELOPMENT OVERALL PREDICTED PERFORMANCE****Predicted Performance Calculation Details**

Fuel Carbon Intensity Source (aligned with planning energy statement)	SAP 10.0	*
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**Residential Elements of the development**

Predicted Annual Energy Use	<i>Fill in all applicable fuels below</i>
Annual Electricity Use	kWh/yr
Annual Gas Use	kWh/yr
Annual Oil Use (if applicable)	kWh/yr
Annual Biomass Use (if applicable)	kWh/yr
Annual District Htg Use (if applicable)	kWh/yr
Annual District Clg Use (if applicable)	kWh/yr
Elec Generation, Gross (if applicable)	kWh/yr
Solar Thermal Generation (if applicable)	kWh/yr
Predicted Annual Carbon Emissions	tCO <sub>2</sub> /yr

**Non-Residential Elements of the development (Part L Calculation)**

Predicted Annual Energy Use	<i>Fill in all applicable fuels below</i>
Annual Electricity Use	kWh/yr
Annual Gas Use	kWh/yr
Annual Oil Use (if applicable)	kWh/yr
Annual Biomass Use (if applicable)	kWh/yr
Annual District Htg Use (if applicable)	kWh/yr
Annual District Clg Use (if applicable)	kWh/yr
Elec Generation, Gross (if applicable)	kWh/yr
Solar Thermal Generation (if applicable)	kWh/yr
Predicted Annual Carbon Emissions	tCO <sub>2</sub> /yr

**Non-Residential Elements of the development (TM54 Calculation)**

Predicted Annual Energy Use	<i>Fill in all applicable fuels below</i>
Annual Electricity Use	kWh/yr
Annual Gas Use	kWh/yr
Annual Oil Use (if applicable)	kWh/yr
Annual Biomass Use (if applicable)	kWh/yr
Annual District Htg Use (if applicable)	kWh/yr
Annual District Clg Use (if applicable)	kWh/yr
Elec Generation, Gross (if applicable)	kWh/yr
Solar Thermal Generation (if applicable)	kWh/yr
Predicted Annual Carbon Emissions	tCO <sub>2</sub> /yr

**CARBON OFFSETTING**

Predicted Carbon Shortfall (aligned with planning energy statement)	tCO <sub>2</sub>	0	*
Total Committed Carbon Offset	£	0	*

**END**