

Sustainable Design Statement – 33 Craven Road, London W2 3BX

1. Site Address

33 Craven Road, Westminster, London W2 3BX

2. About your development. Please use our [interactive policies map](#) to find out what policy constraints listed below apply to your site:

Is your site (identify all that are applicable)?	
In an Air Quality Focus Area ?	<input type="checkbox"/>
In a Flood Risk Zones 2/3 (mainly Pimlico and Victoria areas and sites close to the River Thames)?	<input type="checkbox"/>
In a Surface Water Flood Risk Hotspot ¹ ?	<input checked="" type="checkbox"/>
In or next to a Site of Importance for Nature Conservation ?	<input type="checkbox"/>
A listed building or in a conservation area ³ ?	<input checked="" type="checkbox"/>

In each case where you have answered yes to any of the above, please provide details.

Click or tap here to enter text.

The Building is Listed Grade II and in the Bayswater Conservation Area.

See Planning, Design and Access Statement with regards to flood risk and surface water management.

3. Materials and [Circular Economy](#) Describe what materials you are using. In line with our policy, are you prioritising durable and high quality materials? Are you using low carbon healthy materials (i.e. low VOC emitting materials) and products made of natural materials? Could you reuse materials on site and reduce or recycle the waste that will be created as a result of your extension/ refurbishment project?

Materials are to match existing.

We will be retaining as much of the existing as possible, also reusing where feasible.

Key Materials:

Brick – London Yellow Stock to match Listed Building.

Timber Framed Windows

Low VOC Flat roofing membrane system.

4. **Optimising resources (energy and water)** City Plan policy requires development to optimise resource efficiency and minimise the need for plant and machinery, incorporating design for energy and water efficiency and following the principles of the [energy hierarchy](#). Please use the tables below to identify any measures incorporated and provide details and specification in the space below or attach product details to your statement, where relevant.

Energy Efficiency	Yes	No	N/a
Natural/ passive ventilation and design measures to reduce the need for mechanical plant	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ventilation will be natural and in accordance with the current building regulations.			
Mechanical ventilation with heat recovery	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Click or tap here to enter text.			
Active cooling systems, i.e. Air Conditioning Unit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Click or tap here to enter text.			
Draught-proofing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Air tightness			
Insulation (for example to roofs, tanks, pipes, internal or external walls)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All new insulation will meet or exceed the current Building Regulations.			
Repairs/ damp proofing work to improve energy efficiency	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Click or tap here to enter text.			
Secondary or high performance glazing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
New glazing will meet or exceed the current Building Regulations.			
Renewable energy technologies (e.g. photovoltaics, solar thermal panel, heat pump)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Click or tap here to enter text.			
Smart meters	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Click or tap here to enter text.			
Energy efficient lighting or appliances			
All new lighting will be low energy LED fittings.			
Other – please specify	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Click or tap here to enter text.			

Water Efficiency	Yes	No	N/a
Can you incorporate any water efficiency or management features (e.g. water efficient taps, shower heads, use of water efficient A or B rated appliances, rainwater harvesting, water meter)? Please specify below.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All faucets will be water efficient. Rainwater harvesting will be explored should planning be granted, there is however limited space available.			

5. Greening, biodiversity and climate resilience

Does your development involve the loss of an ecological feature or habitat, including a loss of a tree, garden or green space? Indicate if yes/no and provide details below-

No loss of biodiversity

Have you considered any of the following opportunities for greening and enhancing biodiversity? – where yes, please provide details in the space below.

	Yes	No	N/a
A green or blue roof or green wall (please specify below whether extensive/intensive green roof or other)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The depth of the roof profile prohibits a full green roof system. However a sedum system will be explored should the build-up be sufficiently low enough to install without compromise.			
Pond or rain garden	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Click or tap here to enter text.			
Other greening including green walls, tree planting, additional landscaping	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Click or tap here to enter text.			
Wildlife enhancement features (such a bird/bat or insect boxes)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Options for such features will be explored as part of the cost assessment should planning be granted.			
Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Click or tap here to enter text.			

Will your proposals result in a reduction or increase in hard surfacing? Will you use permeable materials and/or other measures for hard standings or parking areas to reduce surface water run-off and evaporation?

There is no increase in hard surfacing or loss of permeable surfaces

6. **Other** – Please use this space to provide any further commentary on the proposed works, how they have incorporated sustainable design principles and set out any sustainability accreditation or standards you are pursuing, for example Enerphit, BREEAM or [LETI best practice standards](#). Where accreditations are being achieved, please provide any assessments with your statement.

Click or tap here to enter text.

end