



HAMPSTEAD MANOR



Technical submission cover letter

Mount Anvil Project Offices
Kidderpore Avenue
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Thursday, 21st of September 2017

Planning Department
5 Pancras Square
London
N1C 4AG

For the attention of the relevant Planning officers at Camden Council

RE: Dudin Brown: Sample panel brickwork Report- obligation 8g

We are submitting the following report under Planning conditions: 2017/5322/P- Dudin Brown- Clause 8g.

A sample panel of brickwork no less than 2m by 2m including junction with window opening demonstrating the proposed colour, texture, face-bond, pointing, expansion joints and vertical and horizontal banding, shall be erected on site for inspection for the local planning authority and maintained for the duration of the works.

Sample panel was not required due to repairs only. Existing bricks have been retained and cleaned. Repairs have been matched with existing bricks using Waverly Orange Imperial bricks.

A DOFF system has been used to clean the bricks. The DOFF cleaner is an expertly engineered system that utilises a normal water supply to remove some of the more resistant moss, algae, fungi and other biological matter forms of dirt or markings from stonework and masonry, without the need to use a chemical biocide.

The water supply is fed into a hot-box where it is subjected to temperatures as high as 150°C. The resultant heated water, or vapour, is then filtered through the heat resistant hoses to the nozzle at a rate of between 3 to 10 litres per minute. Whilst the temperature in the system is high, the pressure on the surface being cleaned is very gentle and the volume of water is low. The surface is therefore not saturated.

Once cleaned, the surface dries within minutes to prevent any long-term damage as a result of trapped moisture.

We have opted for a medium level clean, the nozzle is held between 1" and 6" away from surface and both temp and pressure is regulated by specialist so that the combination of nozzle position, pressure and temperature produces a uniform reduction in grime depending on the overall level of dirt and isolated stains, passing over the area once with a vertical sweep of approx. 500mm.



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The image below helps illustrate the colour/texture/joints of the existing bricks after the cleaning process

