

Design Statement

Installation of Air Extractor Fan Outlet

Railings Gallery, Unit 10, Asphaltic Business Park, London NW5 3EW

Description of the existing site

The site is a modern single-storey light industrial unit located on a small, mixed-use business park in Kentish Town. The outside shell of the building is clad with corrugated metal. To the front there is a steel roller shutter door for the delivery and despatch of goods and materials; a single wooden doorway for personnel access and a three-panel glass window. At the rear there is a single wooden fire-escape doorway.

The units either side (nos. 9 + 11) mirror the design of unit 10.

These units were originally erected in circa 1984. The applicant has been a tenant at unit 10 for ten years and during this time there have been no previous alterations.

The applicant also is the tenant at Unit 11.

The site is used to manufacture bespoke picture frames.

Design principle and concept

The proposal is to fit an air-extractor fan outlet to the roof of Unit 10.

Description of the intended use of the proposed development

The outlet will serve a water-based paint-spraying booth located within unit 10.

Description of the layout of the proposed development

N/A

Details of the scale of the proposed development

The overall height of the outlet will measure 1790 mm. At the top will be cowl with a top and bottom diameter of 660 mm, a middle diameter of 1000 mm and a height of 1230 mm. The cowl will sit on top of a duct with a height of 500 mm and a diameter of 630 mm. The duct will enter the unit through a roof seal with a 970 x 970 mm footprint and a height of 60 mm.

Description of how public/private spaces will be landscaped in the proposed development

N/A

Description of the appearance of the proposed development

The cowl and duct will be made from galvanised 1.2mm mild steel. The roof seal will be made of EDPM rubber with an aluminium base plate.

An explanation of how local context has influenced the overall design

The outlet design is commensurate with the light industrial, business park setting of the unit.

Details of the proposed access to the development site and how equal and convenient vehicular and disabled access to buildings, spaces and the public transport network will be ensured and maintained

N/A