WILDERN SCHOOL – AN ACADEMY TRUST
HEDGE END, SOUTHAMPTON, SO30 4EJ

PROPOSED INSTALLATION OF ROOF-MOUNTED PASSIVE VENTILATION UNITS

DESIGN AND ACCESS STATEMENT

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Introduction

1.1 Wildern School is off Wildern Lane, Hedge End, Southampton in a mainly residential area. Adjacent and on the western boundary of the school is Shamblehurst Primary School. Sited on the school campus is a leisure centre and pool complex.

1.2 The postcode is SO30 4EJ.

1.3 This application seeks full planning permission for the installation of five Monodraught passive ventilation windcatcher units on Block 6 and two units on Block 2.

Background and Appraising the Context

2.1 The school have experienced severe overheating in south facing classrooms used for teaching ICT and to a lesser extent other areas where computers are widely used as a teaching resource. In the summer it is not possible to maintain these teaching spaces within the recommended temperature range for teaching. This package of works seeks to address this problem located in Block 6- Practical Block and Block 2 – Art and Design.

2.2 Some minor refurbishment works have been undertaken to doors, cladding and windows throughout the campus. This package of works includes the refurbishment of the wall cladding to upgrade the thermal insulation properties of the cladding and install solar gain double-glazed windows. Also included is the general re-roofing/upgrading of the flat roofs, where the coverings have reached the end of their lifespan. The windcatcher units form part of this general refurbishment and upgrading.

Design Approach – Principles and Solutions

3.1 The objectives of the scheme are to overcome the overheating problems experienced by the school in these two class block used for ICT teaching.

Access Principles and Solutions

4.1 The proposal will not adversely affect accessibility to any part of the school as all the works are on the flat roofs of the blocks.

Conclusions

6.1 On completion the school will benefit from the improved teaching environment.

6.2 We trust that you will consider the proposal is justified and the development will be supported as an overall improvement to Wildern School.