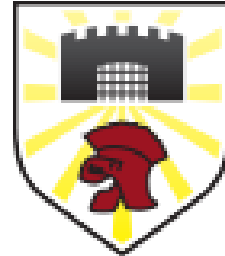


Planning Application – Design, Access and Supporting Statement

Morelands Primary School
Crookhorn Lane
Waterlooville
Hampshire
PO7 5QL



Proposed Works: Recladding of External Façade

Existing Building and Site

The site is located directly off Crookhorn Lane in Widley, just north of Portsmouth. The site falls under Havant Borough Council jurisdiction and is surrounded by residential properties to the north and east, parkland to the west and a golf course to the south of the site.

The school primarily consists of single storey buildings with a two storey section to the rear of the main building. The photo below shows the existing front entrance.

The building is an example of a 'SCOLA' system built school thought to have been constructed in the 1960s. There is a combination of fair-faced brickwork with integral steelwork structure with large areas of single glazed metal windows. The building is in a condition typical for its age and type of building. The school caters for approximately 271 pupils aged between 4 and 11.



Brief

The proposed works are to re-clad the external elevations to the perimeter of the Main Building. The proposed works will completely modernise the full external appearance of the school. The works will also include replacement of the existing windows and doors.

Design Principles and Solutions

The proposed re-cladding consists of stripping the existing building and installing a new insulated cladding system with external finishes of render and brick slips. The building will have new powder coated double glazed aluminium windows and doors. The building will also be re-roofed to provide a better insulated and more thermally efficient building envelope.

Existing stepped door thresholds will be adjusted to form a level threshold detail and improve access. The entrance door and canopy will be installed to the Main Entrance.

The photos below show a completed project at Chiltern Primary School which is indicative of the proposed style and appearance of the completed works.





Listed Building and Conservation Areas

The site is not listed according to the Historic England website. The site is not within a designated Conservation Area according to the Havant Borough Council website.

Flood Risk

The site is not considered to be within a flood risk area according to the Environment Agency website.

Highways

It is estimated that the number of lorry movements per day will be limited to only the delivery of materials to site and the removal of old materials. The existing access to the school site via Crookhorn Lane and all deliveries and movement to and from site will be carried out outside of the schools main busy periods i.e. not when children arrive or leave the school at the start and the end of each day, exact times will be agreed with the school. The site compound will be situated to the best location for the works and take into account the running of the school and the final position will be agreed with the school prior to the works commencing on site. There are no proposed ground works and therefore the absence of a muddy site will reduce the risk of materials being deposited on the highway.

Environmental Protection

The proposed hours of operations are Monday to Friday 8.00am to 6.00pm. The nearest dwelling is approximately 50m from the proposed works; no works are to be carried out during weekends.

Landscape Design

No change is proposed to the existing landscaping.

Ecology / Biodiversity

There are no known Protected Species or protected habitats on or adjacent to the site.

Sustainability

The scheme will reduce the carbon footprint of the existing building through increased insulation levels and a reduction in energy consumption.

There is currently minimal insulation levels to the existing building. A combination of insulated walls, double glazed windows and doors and increased insulation to the roof will vastly improve the thermal performance of the school buildings. The works will include thermal modelling of the school buildings so that the heating system can be optimised to reduce consumption of thermal energy.

A reduction in the amount of external glazing will also reduce the effects of solar gain.

The ventilation control to the building will also be vastly improved; better control to air changes within the building will improve thermal comfort and therefore increase pupil concentration levels.

Archaeology

This proposal is not thought to affect any of the following: a scheduled ancient monument, battlefield, historic garden, known archaeology site.