

# Kentish Town C of E Primary School

## Design and Access Statement

Kentish Town C of E Primary School is based in Islip Street, Kentish Town and is part of the London Diocese. The school has 251 children aged 3-11 (data from January 2015) against a capacity of 236 children.

Kentish Town Primary strives to constantly give their children the best access to education as well as promoting development in other areas. Whilst some parts of the school have access to covered outside areas, the Head Teacher has identified that two classrooms have no such access. As part of a long term development scheme it has been decided that there is a need to improve this access to outside play for children throughout the year. The Government's Early Years Foundation Scheme (EYFS) promotes active play for children with an emphasis on outside play.

For the two classrooms with no access to outside covered areas, this means that during the winter they will be hampered in promoting child development due to cold and rain, with the summer proving equally difficult due to a lack of sun protection.

Following advice that funding for such a project may be available, Kentish Town C of E Primary School started the process of establishing needs.

Kentish Town C of E Primary School approached the leading suppliers of Outside Covered Areas in the UK. The suppliers' representatives came to the site, and following discussions on site with the head teacher, produced quotes for different options. The prime requirements were for a structure that would provide a covered area for the children to play and learn under. Following extensive research and negotiations, Kentish Town C of E Primary School chose Outside Structure Solutions Ltd as their preferred canopy supplier.

In choosing Outside Structure Solutions to supply and install one of their Mendip canopies, they have employed one of the market leaders, who have installed canopies throughout the UK. Outside Structure Solutions are able to provide a structure that is very robust to cope with the UK weather whilst also providing shelter from sun and rain. The structure chosen is fully waterproof and the polycarbonate roof is see-through which will filter out harmful UV rays. Due to the design of the Mendip structure which utilises an aluminium frame with front and rear legs and a pitched polycarbonate roof, the visual impact of the frame will be reduced by using Grey to match the existing colours of window frames.

As the structure will be installed tight to the rear of the building this new structure will have little visual impact on any of the neighbours. The height has been kept to a minimum whilst still achieving unrestricted door and gate heights.

This style of structure fully meets all the requirements and will enable Kentish Town C of E Primary School to incorporate a free-flow of play, from the inside learning areas to the outside under any weather conditions.

### Access

Due to the design of the structure, the structure will be entirely independent of the building and will feature both front and rear legs (which will be installed as tight to the building as practicable). This will mean that the main tarmac area in front of the classrooms will be left with as few obstructions as possible. This will ensure that there is minimal effect on access to the areas for those who are less-able.

### Technical:

The Mendip structure frame is extremely strong, designed for year round permanent use throughout the UK. It is made from 3mm thick structural-grade aluminium extrusion designed to suit this market. The shape of the extrusion provides both strength and practicality, with rainwater goods installed to the front roof beam which will drain down the legs and into the existing water management system. To ensure a maintenance-free finish, the aluminium extrusion is powder coated. The aluminium frame members are connected together using either aluminium plates or internal knuckles.

The Mendip canopy uses Multi-link roof panels which feature multi-wall polycarbonate sheets held within an aluminium interlocking frame. The roof material chosen for this application is clear to ensure there is no reduction in light to the area. The Mendip canopy is robust and resistant to accidental damage or vandalism. The Multi-Link Multi-Wall panels have undertaken a drop test to specification ACR(M)001:2000 updated in 2005 as stipulated by the HSE in their document HSG33 in order to cut down on death and injury caused by falls from height. These panels have achieved a Class B Designation. The test represents a human impact incident on a roof surface where a fall through (the glazing) may result in death or serious injury.

Colours:

Frame is to be powder-coated to Grey to match existing window frames

Roof panels are to have aluminium multi-link frame which is to be powder-coated to Grey to suit

Roof panels are to utilise 16mm thick clear multi-wall polycarbonate.

Rainwater goods are to be black PVC square-line.

Drawings:

Application has 9 drawings in total:

Existing: Plan view

Front Elevation (viewed from the West)

Side Elevation (viewed from the North)

Side Elevation (viewed from the South)

Plan view with roof overhang removed and with dimensions.

Proposed: Plan view

Front Elevation (viewed from the West)

Side Elevation (viewed from the North)

Side Elevation (viewed from the South)

Note: There is no Rear elevation (viewed from the East) as the mass of the buildings completely obscure the area concerned. The proposed canopy will not extend above the roof line at any point, and for this reason a drawing was not produced.

Note: The "Hobbit Hole" play structure outside the classroom door is omitted from most drawings for clarity. I can confirm that this will not be removed and that the design of the canopy is for the canopy to straddle one end of the structure with a single leg adjacent to it.