Heating pipework in the plantroom

One of the newly refurbished classrooms

EDUCATION PROJECT
NOTRE DAME SCHOOL, NURSERY REFURBISHMENT
Cobham, Surrey
CLIENT:
NOTRE DAME SCHOOL
ARCHITECT:
TUKE MANTON

The School

Originally founded in 1937 Notre Dame is an established school now educating around 760 pupils at a site near Cobham, Surrey. Engdesign have worked with the school on previous projects and were happy to be consulted on a refurbishment to their nursery facilities. The school's early years development teaching spaces are located within their own building, which was in need of refurbishment to bring fully up to modern standards and offer a comfortable space for staff and pupils.

New Heating

The building was being heated by an ageing oil fired boiler, which was inefficient and prone to failure. This has been replaced by new, high efficiency gas boilers. The system incorporates a new hot water cylinder to ensure an adequate supply for the building, though all outlets are fitted with mixing valves to ensure a safe water temperature. The whole has been sized to allow for a planned future extension to the building, with additional pipework put in place ready for connection.

Previously the classrooms had been heated by radiators mounted on the external walls. An increased size to the windows and other wall space being at a premium made this impractical in the newly refurbished building. Radiant panels were therefore incorporated into the new ceilings to heat the classrooms, with individual temperature controls to each room.

Electrical Services

The electrical provision within the building was reviewed. Some of the interactive teaching boards were being powered via trailing sockets, which was both unsightly and a potential hazard. Dado trunking has been installed in appropriate places to give a safer, neater and more flexible solution. Lighting has been renewed throughout, with high efficiency LED fittings.