

N/2106

DESIGN & ACCESS STATEMENT

FOR

EXTERNAL CLADDING & PELLET STORE

AT

THORNEYHOLME PRIMARY SCHOOL
TROUGH ROAD
DUNSOP BRIDGE
CLITHEROE
BB7 3DG

FOR

THE SCHOOL GOVERNORS

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Architects and Surveyors
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14 July 2014.

Process/ Use

The existing Oil fired boiler at the school is now obsolete and only second hand parts are available and it requires replacement. Due to the increasing cost of oil and the lack of Gas in the village the school have looked at other alternative fuels. In line with the schools "Green agenda" and after detailed research the school wish to install a Biomass boiler fed by wood pellets.

Amount

The existing boiler room and oil tank enclosure will accommodate the new boiler and buffer tank etc and will also leave room for the installation of a hot water module at a later date.

To reduce delivery frequencies for the pellets and allow for economical delivery loads the school will require a pellet store with a capacity of about 5 tonnes. It is not possible to accommodate this within the existing building. The proposed external pellet store is a galvanised tank approx 2000 x 2000 x 3285mm high with 2 no 50mm vacuum tubes feeding the adjacent boiler room.

Layout

As the new boiler is located in the existing boiler room the new pellet store must be located in close proximity.

The new external store has been sited to infill the corner next to the boiler room. The tank will be enclosed with a Western Red Cedar horizontal boarded fence incorporating service access doors. The horizontal boarding has been extended over the existing white rendered walls of the boiler room to improve its appearance and tie the new enclosure to the building.

Scale

The proposed pellet store enclosure will be in keeping with the current scale and mass of the building.

Landscaping

The area of the pellet store is currently tar macadam surfaced and part of the larger yard area. No additional landscaping is proposed.

Appearance.

The horizontal timber boarded finish enhances the appearance of the boiler room area and introduces a natural material finish in place of the harsh white render and is in line with the schools policy of sustainability.

Accessibility

This application relates to service areas only and disabled access is not required.

M Bennett

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