



moduplan
CONSTRUCTION SOFTWARE



TELEPHONE/EMAIL:

LANDLINE: 01254 478 162

MOBILE: 07930 416 661

EMAIL: info@moduplan.co.uk

WEBSITE: www.moduplan.co.uk

CONTACT

ADDRESS:

Moduplan Ltd

Unit 5

Cunliffe Court

Clayton Le Moors

BB5 5JG

MODUPLAN LTD.

SUCCESSFUL PROJECT DESIGN & BUILD REPORT

BRING BUILDING SOLUTIONS & PEOPLE TOGETHER



CLIENT DETAILS

ADDRESS:

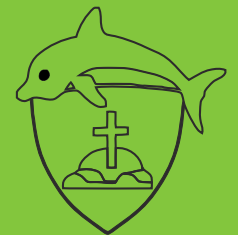
Dolphinholme C of E Primary School

Greaves Hill Lane
Dolphinholme
Lancashire
LA2 9AN



CONTACT DETAILS

PHONE: 01524 791530
EMAIL: head@dolphinholme.lancs.sch.uk
WEBSITE: www.dolphinholme.lancs.sch.uk





INTRODUCTION TO MODUPLAN

Welcome to moduplan

As with all good ideas, the moduplan building system is the result of demand.

Having worked in the educational and domestic construction sector for over twenty years, I saw the requirement for affordable, quality accommodation that was flexible to the client's needs and the variations in every site.

moduplan offers a hassle-free alternative to traditional bricks and mortar and a stylish and modern option in place of unsightly portable cabin structures.

With moduplan I ask our clients to get involved in the design process, choosing their own colours, panel types and finishes.

Our inherently robust design means that all the hard work has been done for you and minimises the need for professional services and fees.

Of course, I'm proud of our products but I place equal value on customer service and satisfaction. All my staff are professional and a pleasure to deal with and together we look forward to helping you create your moduplan building.

moduplan Ltd.

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01 OUR CLIENTS BRIEF

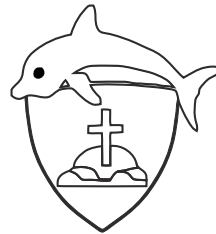
Dolphinholme Primary School is a central and essential part of a rural community on the outskirts of Lancaster. As the only source of primary education in the local area, it relies on an intake of children from the farming and village community from early years nursery to Year 6.

WORKING WITH EDUCATION TO CREATE STIMULATING LEARNING ENVIRONMENTS

The existing nursery group was proving popular, but was based inside the existing school in a room that was unsuitable, outdated and too small to accommodate this expanding facility.

The nursery group sought to provide a building for its staff and pupils that could provide a more stimulating learning environment, offer better ancillary facilities and due to its more flexible opening hours, be able to operate independently from the main school.

As is currently the case in most educational sectors, budget constraints were a key factor for the school to consider when deciding how to move forward with their nursery project.



Dolphinholme C of E Primary School

Our committed and knowledgeable governing body support our school in many ways and play an active role in the life of our school.



Having provided nursery buildings and classrooms for other schools in the area, moduplan came highly recommended to the school by other Headteachers and the Building Surveyors chosen to represent the client and manage the project.



The site chosen for the moduplan building was in an area of natural beauty, so Planning Permission required a solution that would sit comfortably in the landscape and be sympathetic with its surroundings.

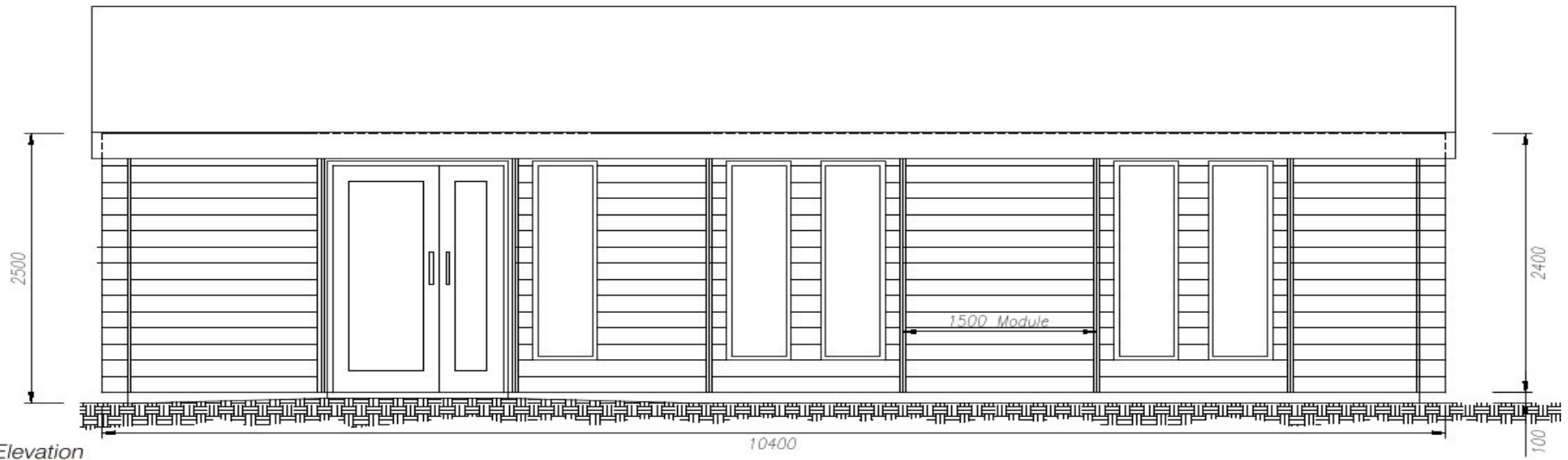
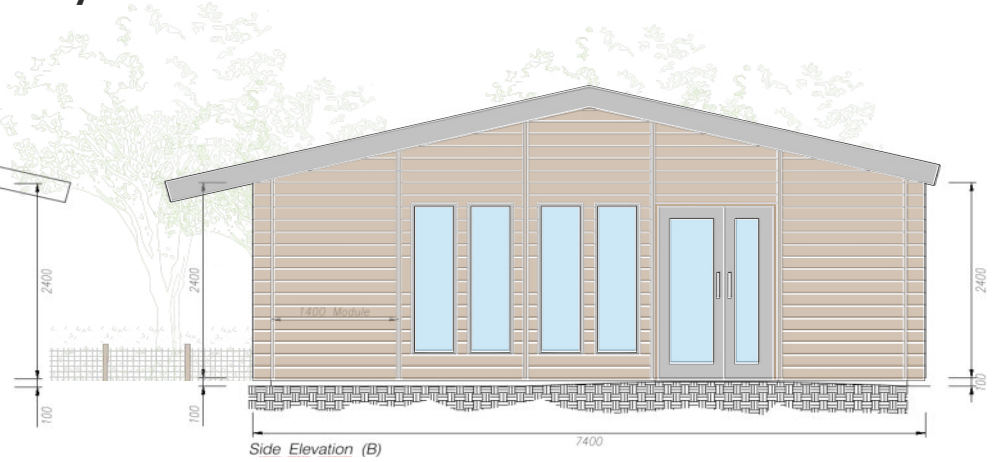
02 OUR PROPOSED SOLUTION

Having constructed several nursery buildings previously of various sizes and layouts, we could use these as a template from which the client could develop and produce their own design.

AFFORDABLE BUILDING SOLUTIONS WITH ROOM TO SPARE

In just two design briefings a layout was agreed with the school that was not only affordable but fulfilled all the requirements for the new facility.

The proposed compact plan still managed to afford room for a generous open space for the children's activities, a small kitchen, staff and pupil WC's and a secured lobby and cloakroom area.

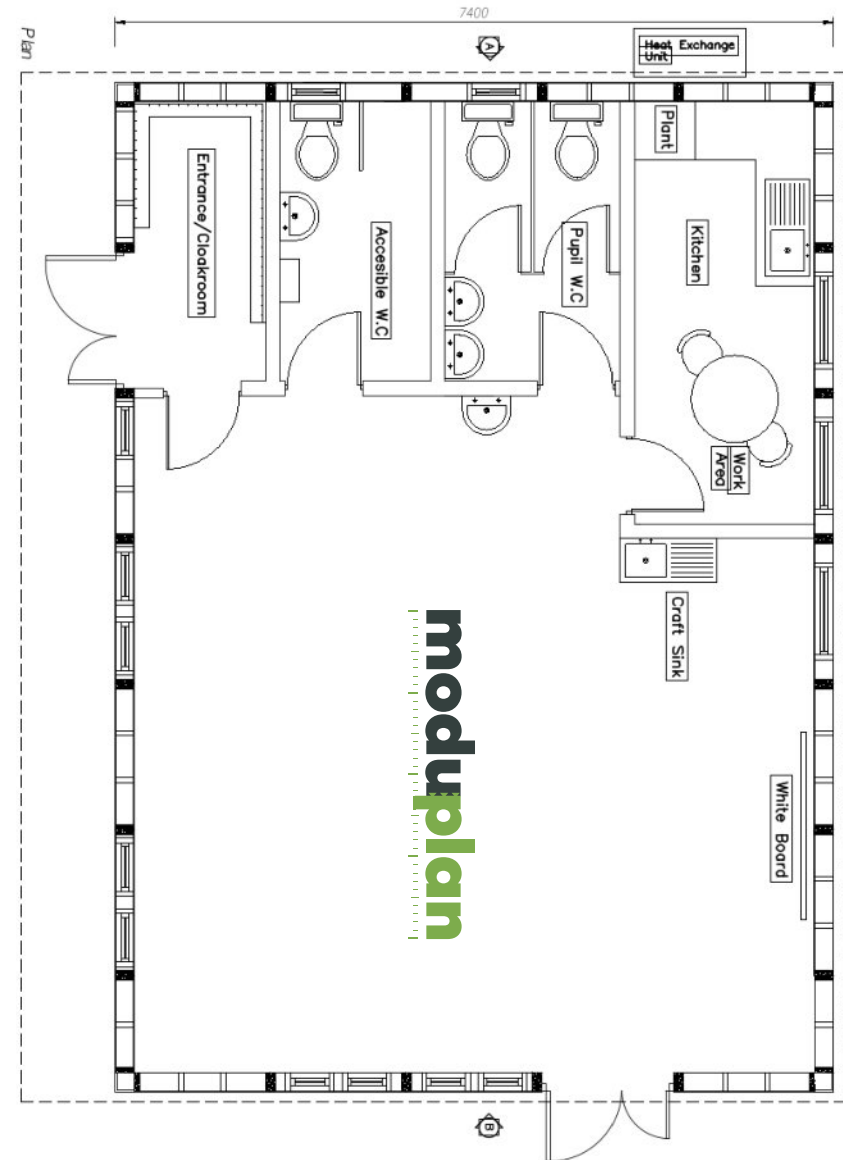
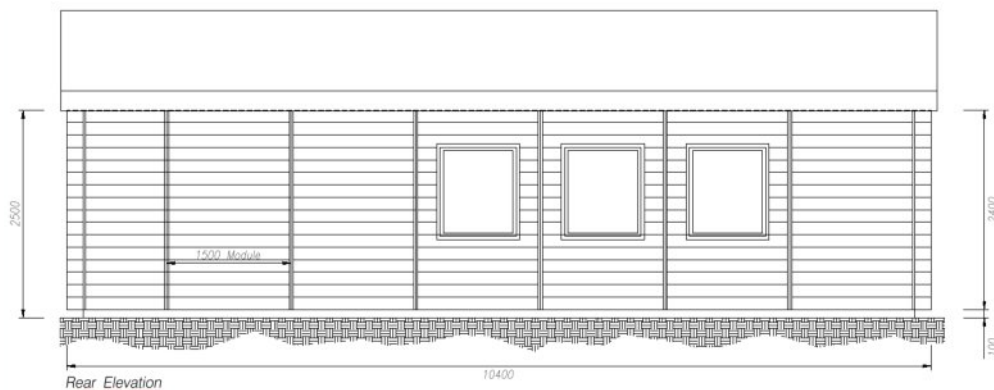


Internal finishes were chosen for their durability and practicality, with vinyl timber effect flooring, carpeted reading areas and a natural palette of colours. The staff have use of a small kitchen area separate to the nursery room and the staff WC doubles up as a fully compliant DDA facility with room for a changing bed for the younger children.

The M&E installation was chosen for it's efficiency and performance, whilst sacrificing nothing in terms of practicality and appearance, with LED light fittings and occupancy sensors used to great effect.

Externally, Western Red Cedar cladding treated with a UV protective stain compliments it's natural surroundings whilst a muted palette of greys on the fenestration helps the building sit naturally on it's site.

A more traditional pitched roof option was used in place of a monopitch roof to reflect the traditional farm buildings in this rural area.



03 PROJECT PLANNING

The client chose a full design and build package from moduplan with a local Surveyors practice acting on their behalf as Contract Administrators.

HEALTH & SAFETY WITH MODERN STYLING

In this case, moduplan provide the client with designs and drawings to submit to Planning, a full M&E design, consultation with our Structural Engineer to provide calculations for the substructure and building and appoint Building Control to oversee the project and ensure compliance.

With all the professional requirements met in terms of specification and design, moduplan then consult with our Health and Safety advisors to produce a Construction Phase Health and Safety Plan. This forms part of our CDM requirements in managing the H&S aspects of the build.

This project went ahead in October 2018 and was completed from start to finish in just five weeks, with no effect on the everyday routine and running of the school.

This included time for connection of all services and alarm systems, landscaping and all testing and commissioning of the installations to ensure compliance with Building Control.

On completion of the works the client is given an O&M manual containing all the information about the building to help with ongoing maintenance and servicing.



04 PROJECT OUTCOME

Dolphinholme School opened their new moduplan nursery building almost straight after completion and hand over.

SUSTAINABILITY, AFFORDABILITY & FLEXIBILITY

The staff and children love the new building and make great use of its modern and flexible space and facilities.

The new nursery has attracted many more new pupils since its opening and has helped broaden the services that the school can offer to the local community.

It was great to add such a valuable asset to a small rural school, which was made possible by the affordability of the moduplan building system and a client that was willing to employ a new method of sustainable construction to achieve a modern learning environment.



GET IN TOUCH

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SCAN TO VISIT OUR WEBSITE:

