

Roundwood Park School, Hertfordshire



Above sub soil being excavated to reduce level to form the foundations, which are a traditional strip foundation and ground bearing slab designed to BS 8103.

Right shows the construction of the steel frame and the steel permanent formwork, concrete is cast insitu using a pump to form the first floor construction.

Project: **Roundwood Park School**

Client: **Mace/Hertfordshire County Council**

Completion date: **October 2008**



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Below due to the speed of construction of the panels the scaffolding is erected to the full height in one single lift making the installation a fast efficient process.

The timber panel system comes direct from our factory with all openings pre-formed and a breather membrane installed.



Above Shows the underside of the new rib deck permanent formwork and shows Elliott Off-Site Building Solution's timber wall panel system being installed. The photograph inset show the steel rib deck formwork prior to the concrete being cast.



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The building is ventilated using heat recovery units and photovoltaic (PV) panels .were installed on the south elevation and solar collectors assist the electrical supply.

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The finishes to the building included a through coloured render combined with Cedar.

The contemporary design of the new maths and music building is defined by the distinctive roof structure and irregular shaped windows.

