

September
2010

Cornelius Vermuyden

Construction Update

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Further to our last newsletter sent in August, we would like to bring you up to speed with how the works have progressed over the school summer holiday.

We got off to a good start with early access into the school made possible through our past enabling works. The piling mat was constructed using 6500m³ of crushed concrete to provide a base from which piling could commence on 02nd August 2010.

We are pleased to say that all Phase 1 piling works were completed ahead of schedule. There were two piling rigs working on site driving an average of 25 piles per machine per day. The final piles were driven on 23rd August 2010 which was approximately 10 days ahead of schedule. In total we have completed 480 piles, leaving 38 to be completed in April 2011.



We appreciate that the piling was a particularly uncomfortable phase of the works for many of you and we apologise for any inconvenience caused during this time.

With the piling works completed early we have taken advantage of this acceleration and commenced with our substructure works. These operations involve breaking down piles and formation of pile caps and ground beams that will support the new structure. We will be working on the Sports Hall and Energy Centre in the first instance then progressing down the site on to the teaching clusters.

We have also successfully completed and handed over MUGA 1, a new multi use games area at the back of the site. These works were all completed during the summer holidays and include 3 tennis courts and 2 netball courts, of which the school has already made good use.



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Considerations

The next major milestone for the site will be the commencement of the structural steel frame to the Sports Hall. Starting at the end of September and lasting for a period of approximately four weeks there will be a mobile crane on site to commence with erecting columns and beams to form the new sports hall. This will be a good chance for all to see the scale of the new buildings.

Although not a noisy operation, there will be a number of deliveries of structural steel starting in September. As always we will inform you of anything exceptional and stick to our delivery procedures.

We also hope to erect our Tower Crane at the end of September. This will be situated at the back of site and will be mainly used to construct the concrete frame teaching clusters.

We will send out a special newsletter, nearer the time, informing you on logistics management for the tower crane erection.

We hope our Construction Updates give you an insight into our planned works, but should you require any additional information, please do not hesitate to contact us.

We would like to take this opportunity to thank you for your co-operation during these construction processes and we will update you next month of our future planned works.



Upcoming Works for September

- Concrete Ground beams and ground floor slabs
- Structural Steel Frame to Sports Hall and Energy Centre
- Below Ground Drainage
- Formation of Tower Crane Base and erection of Tower Crane