



Wood Hall Park,
Watton at Stone,
SG14 3NG



Start **23.11.15** Finish **28.07.17**

Duration **64 weeks**
Phased Construction



Value **£3.3m**



Project Manager
Ainsley & Partners



Client
Heath Mount School



Architect
Vincent & Gorbing



Form of Contract
JCT Design & Build 2011

HEATH MOUNT SCHOOL AUDITORIUM & CLASSROOM BLOCK

Introduction

The project at Heath Mount School involved the 2-phase construction of a new teaching block and performing arts auditorium. The prestigious Heath Mount School required a new seven classroom teaching block and performing arts auditorium. Site access was restricted, designs needed to complement the existing Grade 1 listed buildings but make a statement of modern design, and disruption had to be minimal as the construction took place

during term times. Additionally, there was a late change of roof design at the client's request. The phase 1 works involved the design and build construction of a new 7 classroom single storey teaching block with staff spaces, storage and WCs. This building was constructed using Innovaré's iSIPs system. The classroom block features curved internal walls, vaulted ceilings and clerestory panels with wide openings. Eight-metre-high windows were fitted to the front elevation to maximise natural light. These complicated installations and intricate designs including the

late change in roof design were accommodated through the successful collaboration between Ashe and Innovaré teams. The second phase of the works involved the design and build construction of the school's new performing arts auditorium. This space featured eleven-metre-high panelised walls installed on a concrete podium form the main part of the structure. The roof features exposed glulam roof trusses and steel tie bars, built on the ground and craned into place as single elements.



Health and Safety Management

Responsibility for health and safety starts with the board of directors, as represented by the managing director, who nominates a director in charge of health, safety and environmental matters (SHE) Ian Robbins, Construction Director, for the Heath Mount scheme with support from our external health, safety and environmental consultation services provided by Safety Services (UK) Ltd, our in-house SHE Manager, Temporary Works Manager, and our on site

management provided by our Site Manager Norman Ashwell and Contracts Manager Ian Greaves. To assist & to ensure our site management team were clear as to their duties with regards to CDM Principle Contractor compliance, the Heath Mount team were given a number of supervisor guides which set out exactly what is expected of each of them when managing an Ashe site, these booklets are titled “Managing Health & Safety” & “Guidance for Supervisors”. These documents

set out the key goals that each party involved on each project should achieve under the CDM 2015 regulations. They have helped enormously in aiding our staff understand theirs & other party roles & also list the key objectives required to ensure we meet our responsibilities with regards to the Principal Contractor role under the CDM 2015 regulations. Regular audit review by various internal & external safety assessors ensures continued compliance in every respect.

Segregation & Logistics

Ashe’s vast experience in constructing projects at live educational facilities has enabled us to develop tried and tested security measures in areas that the safety of both site staff and the clients surrounding our construction sites. At Heath Mount School, as with any educational project, the security of the construction site is paramount to ensure a safe build process with no opportunities for compromises the safety of pupils and learners. These measures included segregation, liaison, traffic management and reduced impact solutions; these have ensured zero accidents in this regard across all Ashe projects and exemplary

levels of customer satisfaction at Heath Mount School. Our logistics and proposals were created to minimise disruption and to protect the safety of all affected by our construction works, these include: Agreed site segregation procedures/ zones, unloading areas, fire access, visitor and client parking, security control points in addition to cleaning regimes for roads/wheel washes and gated access with on-site/ off site control banksmen. Delivery timetables/windows to maximise quiet periods, i.e school holidays, weekends and bank holidays by agreement, out of hours periods. Agreement of deliveries around scheme and surrounding facilities operational timetables. A planned and designated approach route will be detailed in our supply chain pre-order

meetings with all deliveries escorted to and from project entry points. Delivery vehicles prohibited from circulating the local area during project access and egress times (eg before delivery is permitted). Designated ‘offsite’ holding locations where they will phone ahead to book a delivery window ensuring no deliveries outside agreed times. Ashe employed a dedicated Site Logistics Operative/Banksman who was responsible of ensuring the safe movement of all vehicle and pedestrian traffic. All deliveries were called in ahead of arrival, avoiding congestion on the construction site and protecting the safety of those around. At the point of entry to the site deliveries were escorted by the banksman on and off site.

“ All aspects of this project have been undertaken in an exemplary manner.

Robin Blake
Managing Director,
Ashe



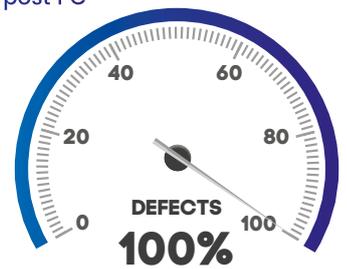
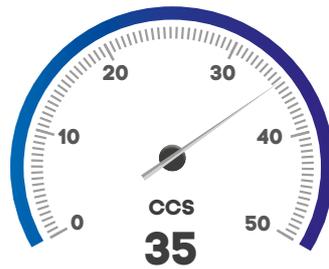
Safeguarding

All Ashe production staff are DBS checked, our DBS checking process is managed by our HR department at our Head Office in Hitchin. All sub-contractors and suppliers were DBS checked prior to starting at Heath Mount School with support offered by Ashe to fast-track any suppliers where needed to ensure that this did not slow down the progress at the school. Ashe's vast experience in constructing projects at live educational facilities throughout the Midlands & South East in the last fifteen years has enabled us to develop a tried and tested methodology that was successfully

implemented at the Heath Mount School project. Ashe operated a highly visible workforce identification programme to ensure Ashe staff and workforce are easily identifiable as individuals. All Ashe employees wore identity tags on Ashe lanyards with relevant identifying credentials together with CRB registration details. All Ashe project workforce and supply chain were issued with Ashe Hi-vis vests with a unique ID number printed on them. These were allocated when staff checked onto site in the morning, ensuring that identifying numbers equal logged workforce employee details. The benefit of this system is that employees can

be identified from a distance, and students and teachers are able to clearly see the unique number printed on the hi-vis to report issues or concerns. Ashe's Site Manager Norman had "SITE MANAGER" printed in place of a number on his vest. To ensure safeguarding of all site visitors they were issued with a blue hi-vis vest with "VISITOR" printed on them. This marks them out as a visitor to the site, to ensure maximum consideration is given to them with regards to safety matters. Additionally, Ashe displayed our Safeguarding Guidance poster within the site office and the rules listed within this poster were explained as part of the induction process on the Heath Mount School project.

Safety



Quality

1 month post PC

Project highlights



**OFFSITE
MANUFACTURED**



**98%
WASTE DIVERTED
FROM LANDFILL**

**WOULD WORK
WITH ASHE AGAIN**

