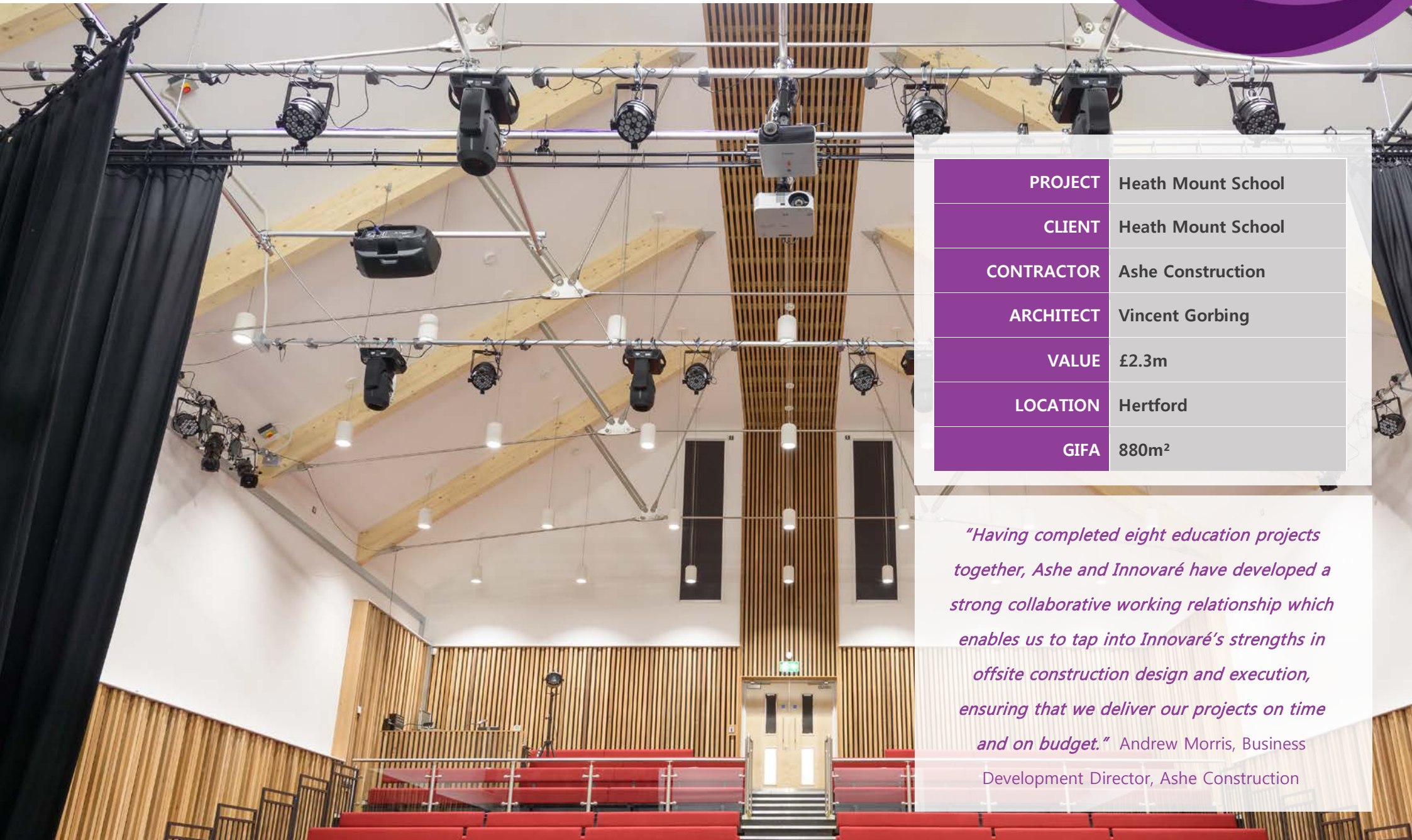


Sympathetic design without compromising speed and quality



PROJECT	Heath Mount School
CLIENT	Heath Mount School
CONTRACTOR	Ashe Construction
ARCHITECT	Vincent Gorbing
VALUE	£2.3m
LOCATION	Hertford
GIFA	880m ²

"Having completed eight education projects together, Ashe and Innovaré have developed a strong collaborative working relationship which enables us to tap into Innovaré's strengths in offsite construction design and execution, ensuring that we deliver our projects on time and on budget." Andrew Morris, Business Development Director, Ashe Construction

Distinguished Prep School required elegant expansion

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.

Limited disruption through considerate construction

Following a series of successful collaborations in the education sector, Ashe selected Innovaré as project partner for their expertise in offsite construction. By installing the i-SIP System Innovaré were able to deliver the classroom block structure in seven weeks and the auditorium in just five weeks. The buildings were completed to the tight schedule during term time with minimal noise and disruption.

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.

Statement building delivered on time and on budget

As an internal space the performing arts auditorium really makes a statement. 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.

Offsite construction offers many advantages over traditional construction and this project benefitted from speed of construction, safe working conditions, less onsite labour and logistics as well as

improved sustainability through minimal waste and improved whole life cost gained through excellent energy efficiency, the performance of the new buildings met or exceeded design targets:

- Average U-value across all wall elements 0.22 W/m²·K
- Air tightness 4.99 m³/h.m² at 50 Pa against a target of 5
- Energy Performance C

