

Perfect Delivery - Hat trick!

PROJECT	Clements School
CLIENT	Suffolk CC
CONTRACTOR	Morgan Sindall
ARCHITECT	Concertus
VALUE	£1.2m
LOCATION	Haverhill
Storeys	Single storey

"This is the third project for which Morgan Sindall have awarded Perfect Delivery status to Innovare, for delivering the project on time and snag free, our site team appreciated the teamwork shown on this restricted site and the client is delighted with the outcome."

Dale Smith, Project Manager, Morgan Sindall



Intricate design and restricted access preclude traditional construction.

Suffolk Council needed to create 120 additional school places for the local area at the existing Clements Primary School and required the new teaching block to be completed and operational in time for the September 2017 term.

This was a very challenging design with a short programme and limited space as the original school was never designed for expansion. Four new classrooms now sit in a state-of-the-art standalone structure opposite the main school building. Architecturally the project is extraordinary with faceted structure joining the classrooms together, creating an unusual curved and colourful building.

Early collaboration to create efficient build programme

The 23-week project was designed and project-managed by Concertus, Ipswich who sought Innovaré's offsite expertise through early consultation with the technical design team to create the intricately designed structure. Morgan Sindall won the main contractor tender for the project and as they had successful previous working relationships with both Concertus and

Innovaré, all parties were able to collaborate well on the project. Due to the complexity of the shape of the building, regular design team workshops were held to ensure the smooth coordination of M & E routes through the i-SIP construction to avoid clashes and optimise material usage whilst engineering out waste and inefficiency from the finished product, leading to more efficient building and cost-effective construction.

The site itself proved a potential issue as the only access was at the rear of the school via a low load bearing temporary haul road which could not take heavy construction traffic or materials. Innovaré's i-SIP System lent itself to the project logistically as the full structure for all 4 classrooms comprising external and internal walls and roof cassettes was delivered on just 9 rigid vehicles on a just in time basis.

Bespoke solution delivered efficiently

Innovaré's three week installation for the 390m² GIFA build comprising the i-SIP Full Structure System incorporated external insulated walls, internal stud walling and insulated roof cassettes, cut 35% from a traditional build programme.

The works were carried out under Part L2A complying with, natural ventilation, overheating and day-lighting requirements. The building performance exceeds expectations with U-value 0.15W/m²K and air permeability 5m³/(h.m²)@ 50Pa.

Morgan Sindall and Innovaré have worked on previous projects together; this is the third project that Innovaré has been awarded 'Perfect Delivery' by Morgan Sindall.

