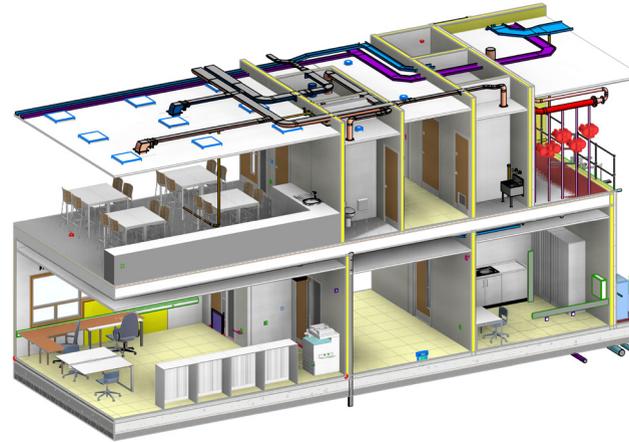


Description

- ◆ £7m new 14 class, two form entry Primary School and Nursery due to open in September 2019 which will grow to accommodate 420 pupils between 2 - 11 years old
- ◆ Funded by Somerset County Council who are working in collaboration with Richard Huish Trust to deliver exceptional education, with a tailored curriculum to recognise the individualism of its pupils
- ◆ Located on the edge of Taunton, near Cheddon Fitzpaine, beside the new Northwalls housing scheme and will offer bike spaces to allow families to cycle or walk to school as part of encouraging and embracing a green sustainable lifestyle
- ◆ Included on the Campus will be a library, group working rooms, a large main hall, office and meeting space, an all-weather 3G Sports pitch, a playground with outdoor play activities, a vegetable garden and production kitchen.

Involvement

- ◆ Undertook a full dynamic overheating and CO² model to satisfy BB101 requirements
- ◆ Consultation with the utility company ensuring job specific requirements were met
- ◆ Undertook solar shading analysis to review the optimisation of window openings. This was in line with the architects design requirements to provide a predominantly naturally ventilated building
- ◆ Carried out the detailed design for the project including all schedules, calculations and detailed design drawings. Full and complete building engineering services design from concept through to technical design proposals, with production of specification, schedules and 2D detailed design layout drawings and schematic arrangements.



Benefits Delivered

- ◆ Part of a big £140m investment programme for children and young people in the county
- ◆ The school is designed to be a focal point to the wider community, welcoming local residents and groups for community activities and training opportunities, offering employment and meeting the growing local demand for education places
- ◆ Part L satisfied through fabric selections and good practice M&E design
- ◆ Early engagement with specialist construction team to resolve potential co-ordination issues between services and specialist construction methods
- ◆ Collaborative approach resulting in an integrated MEP design with the building Architecture and Structure.



A new build Primary school with tailored exceptional education to serve the local growing community