

Project Team



AERIAL VIEW FROM NORTH-EAST | PROPOSED NEW CAMPUS



Cramlington Learning Village is a school built on respect and committed to creating an environment where individual strengths are nurtured and where every student can thrive and grow. They support students to develop the skills and knowledge needed to serve the local community and have an impact on wider society. Expert staff, exciting learning and a huge range of extracurricular opportunities help their students become resilient learners, expert readers, knowledge explorers and responsible citizens who aim high and can shape the future.



The Department for Education (DfE) is responsible for children's services and education, including early years, schools, higher and further education policy, apprenticeships and wider skills in England. The Cramlington Learning Village project will be managed and funded by the DfE's School Rebuilding Programme (SRP), which carries out major rebuilding and refurbishment projects across England, with buildings prioritised according to their condition.



WSP is one of the world's leading engineering and professional services firms. WSP has been working as Technical Advisors to the DfE delivering school buildings through national frameworks, and has been responsible for delivering the early design for the school through the feasibility study alongside architects Frank Shaw Associates. WSP will be continuing to technically appraise the designs produced by Bowmer+Kirkland, whilst supporting the DfE, school and the project team to the handover of the building.



Bowmer+Kirkland is appointed to the DfE's national construction framework and is the contractor selected under this framework to construct Cramlington Learning Village. Bowmer+Kirkland is one of the UK's largest privately owned construction contractors and is active in most market sectors, and especially education. As main contractor for the scheme, Bowmer+Kirkland will manage all aspects of the project to ensure the works are carried out safely, on time, to the right quality and with the least disruption possible to neighbours. B+K are associate members of the Considerate Constructor's scheme, and are delivering the scheme from their Sunderland office.



DPP Planning is a national Town Planning consultancy successfully delivering planning solutions to public and private clients across the UK. DPP is advising Bowmer+Kirkland and the DfE on the Cramlington Learning Village proposals; their role is to manage the planning process, advise on planning issues, and to liaise with planning officers at Northumberland County Council.



CPMG Architects is a Nottingham-based practice, with significant expertise in the design of learning environments, including a close collaboration with Bowmer + Kirkland on schools projects. Their approach is centred on listening and understanding, to ensure that they tailor their designs to the needs and aspirations of the school, and to respond to the individual constraints and opportunities of each particular site.



One-Environments works with Bowmer + Kirkland in collaboration with the DfE designing an education estate that supports teaching and learning; promotes active lifestyles and encouraging positive social interaction for all. At the heart of their approach is collaboration, working with each school and the wider community to create bespoke outdoor spaces that enrich our environment and maximise site potential.



HEXA Consulting is highly experienced in transport planning in the education sector supporting project teams with the production of Transport Statements, Assessments and Travel Plans and on discussing highways matters with the highways authority.



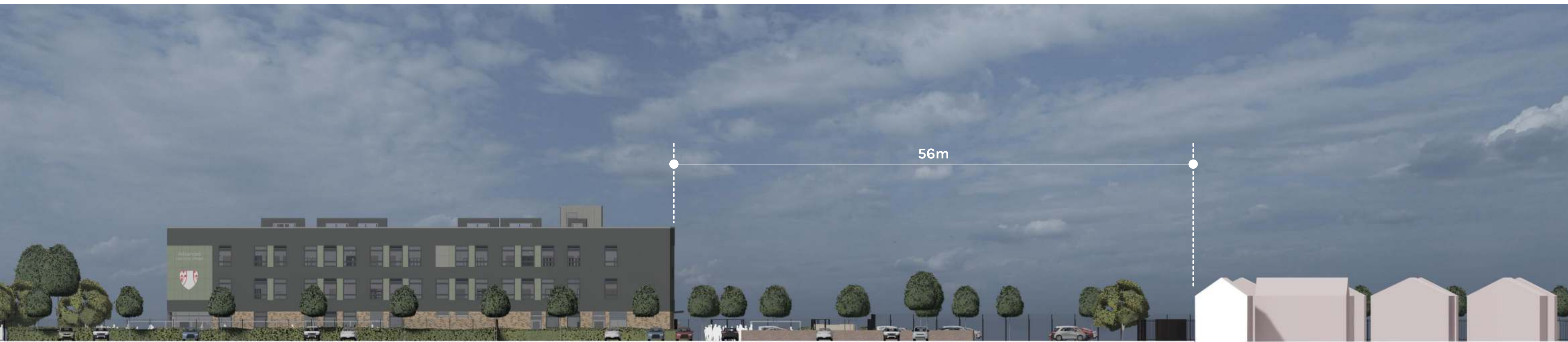
RPS are building services and low carbon consultants. From primary through to higher education, RPS bring specialist knowledge of delivering operationally net zero carbon facilities. They meet the challenges of modern education design with cost effective solutions.



Proposed Site Layout



PROPOSED LANDSCAPE MASTERPLAN



PROPOSED SITE SECTION AA

Building Design



AERIAL VIEW FROM NORTH-EAST



AERIAL VIEW FROM NORTH-WEST



A safe and calm oasis in which pupils can thrive



Enhancement of community accessible facilities



Exemplary internal environment: daylight, acoustics, thermal performance



High quality and robust materials will stay fresh and current



A welcoming and confident public frontage



Additional facilities for quiet dining and learning support



Sustainable low energy approach minimises running costs



A sense of space and connectivity to external areas



NEW CAMPUS HEART SPACE



PRODUCTION GARDEN



OUTDOOR STUDY AREA



SIXTH FORM GARDEN

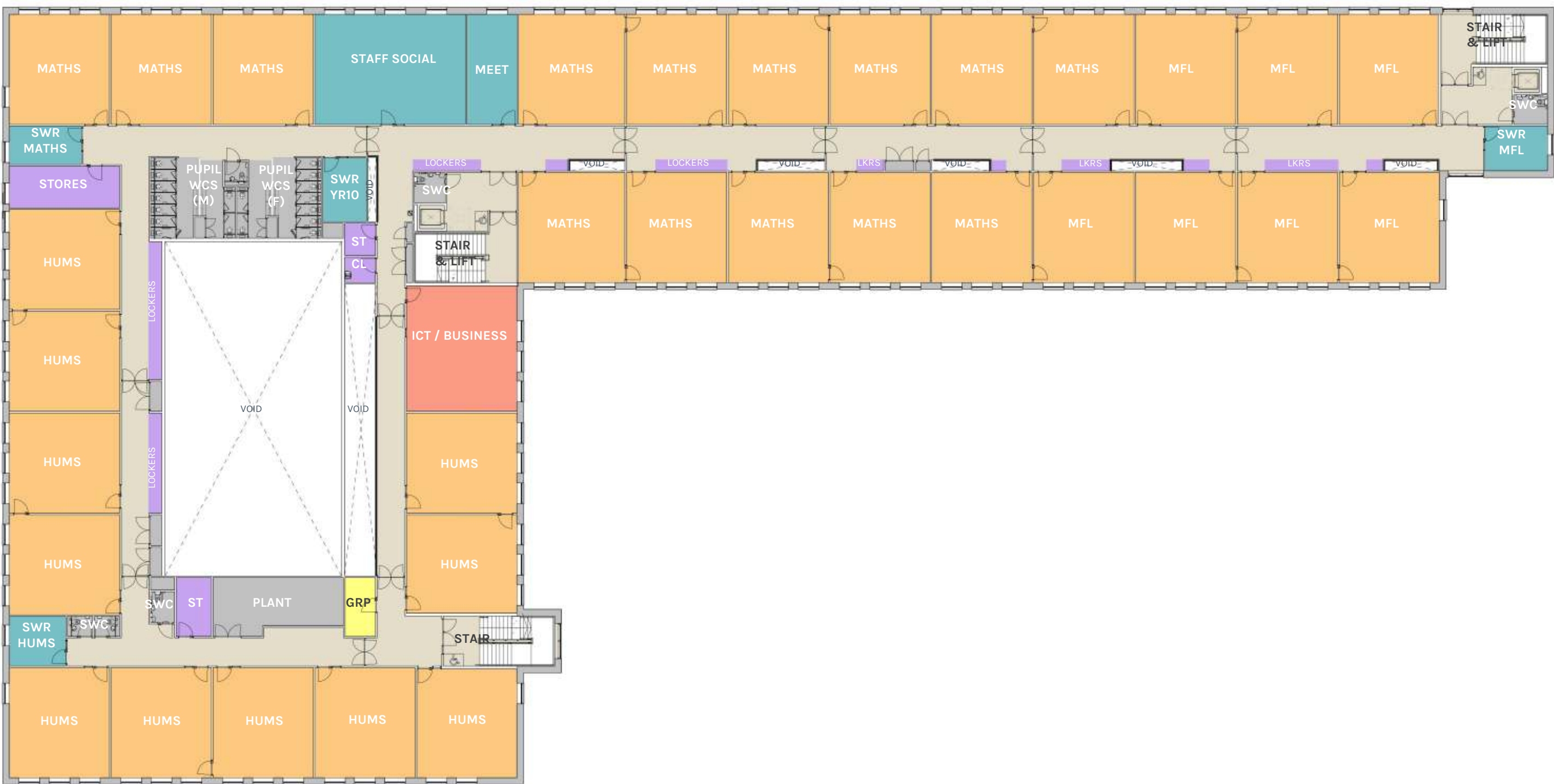
Building Design



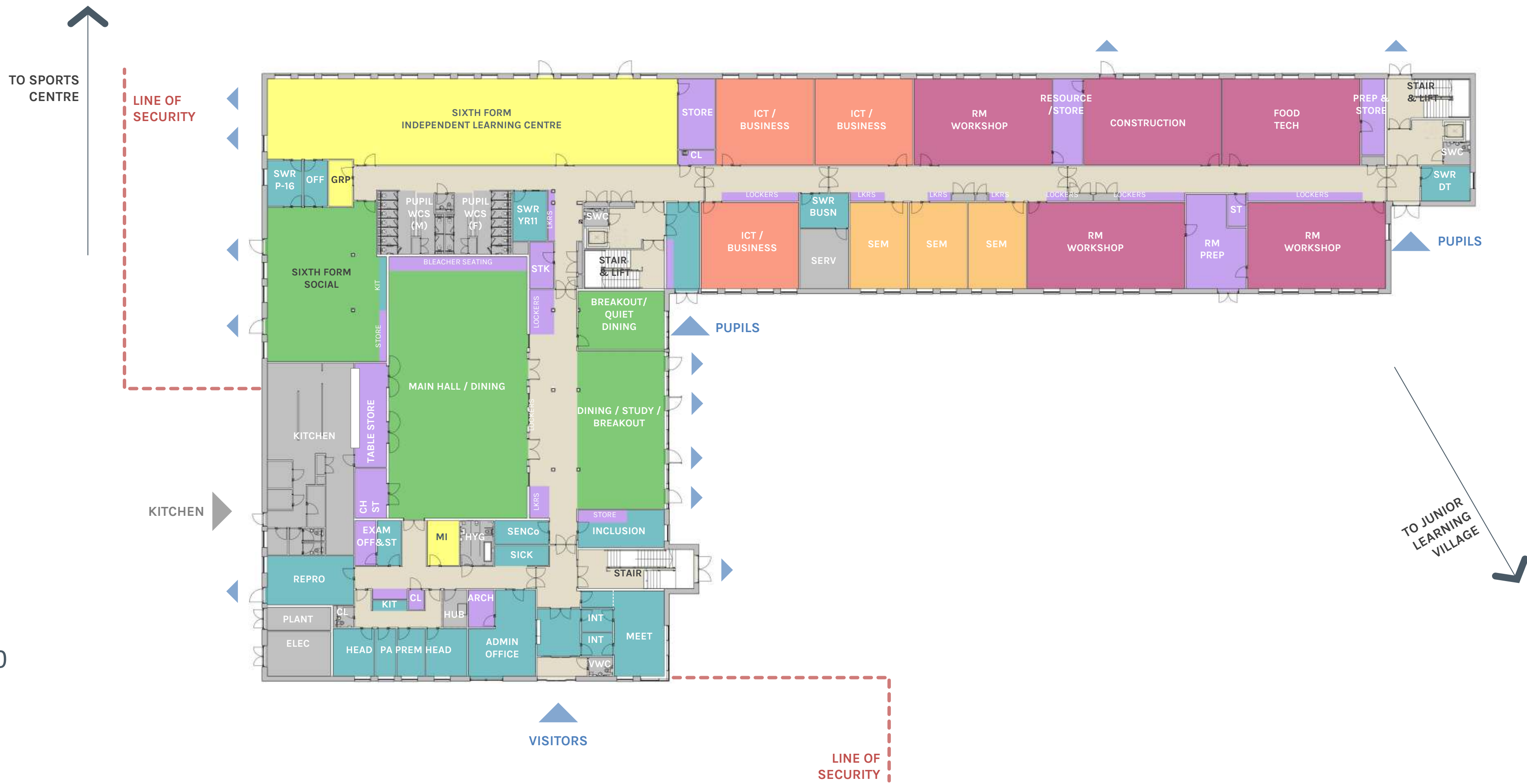
LEVEL 02



LEVEL 01



LEVEL 00



Internal Environment



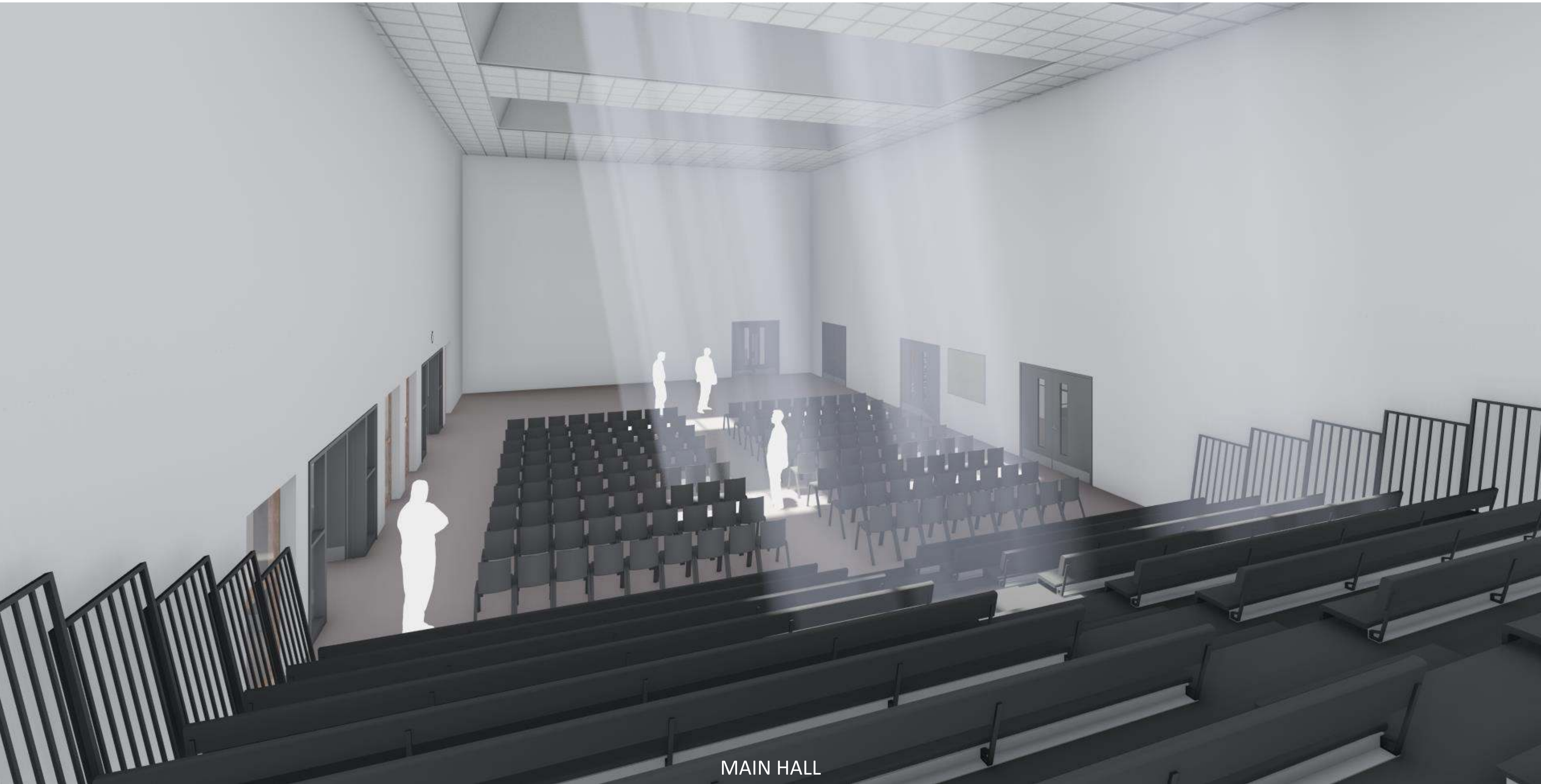
PROPOSED TEACHING & LEARNING SPACES

 Excellent daylighting and acoustics

 Energy efficient passive cooling

 Individual room controls: user focus

 Meeting or exceeding DfE requirements



Sustainable Design



CROSS SECTION THROUGH COURTYARD & TEACHING WING

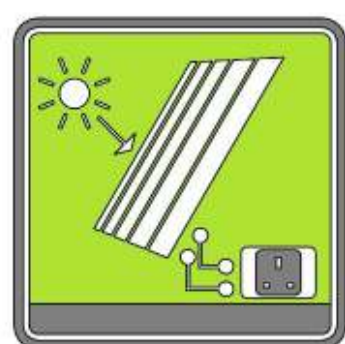


LONG SECTION THROUGH PROPOSED NEW BUILDING

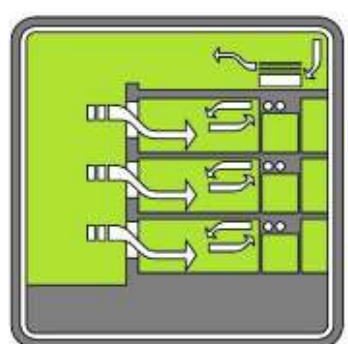


100%
Reduction of
CO₂ in operation

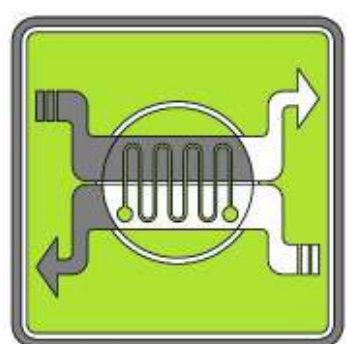
- New building to be Net-Zero Carbon in Operation
- Fossil-fuel free (except gas to science laboratories)
- Efficient building envelope with ‘fabric-first’ approach
- Inherently low-energy systems including heat recovery & LED lighting
- Passive cooling with thermally massive structure
- Integrated renewables with rooftop photovoltaic array
- Ground/air source heat pump to provide for space and water heating
- Significant increase in ecological value of campus



SOLAR
PHOTOVOLTAICS



HYBRID CROSS VENT
WITH HEAT RECOVERY



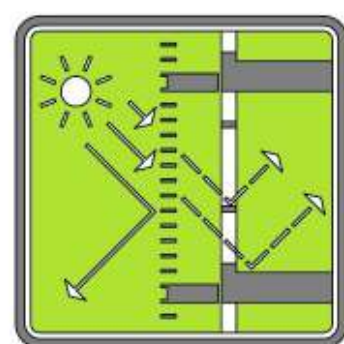
GROUND SOURCE
HEAT PUMP



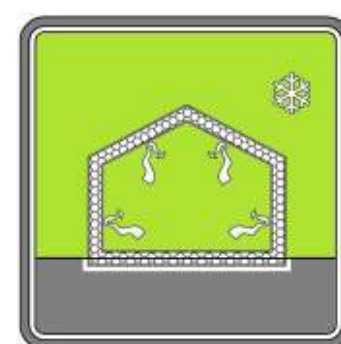
CYCLIST
FACILITIES



HIGH
THERMAL MASS



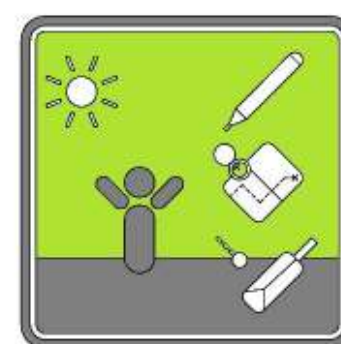
OPTIMISED
DAYLIGHT DESIGN



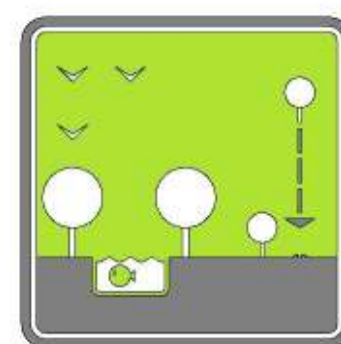
HIGH PERFORMANCE
ENVELOPE



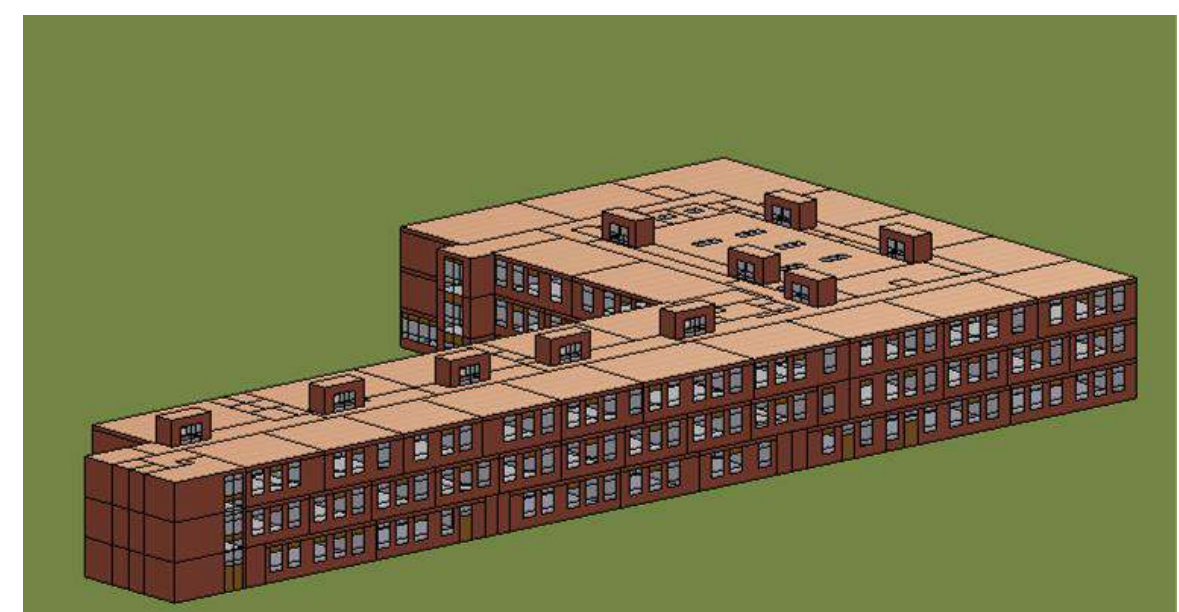
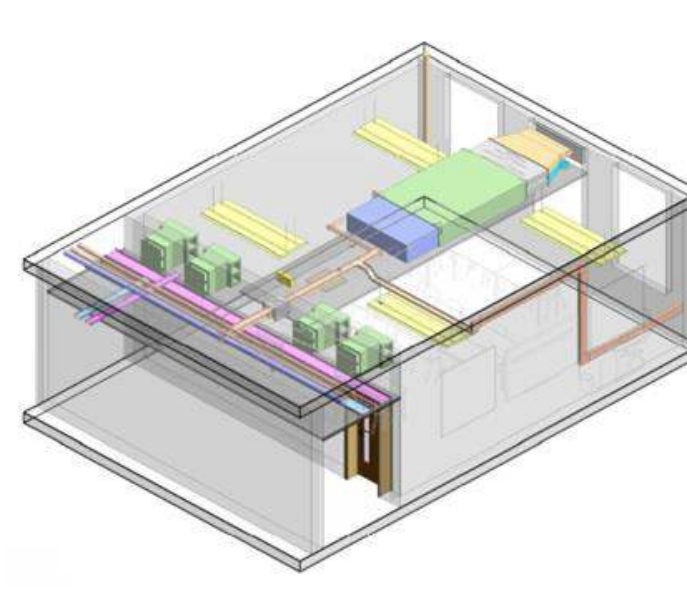
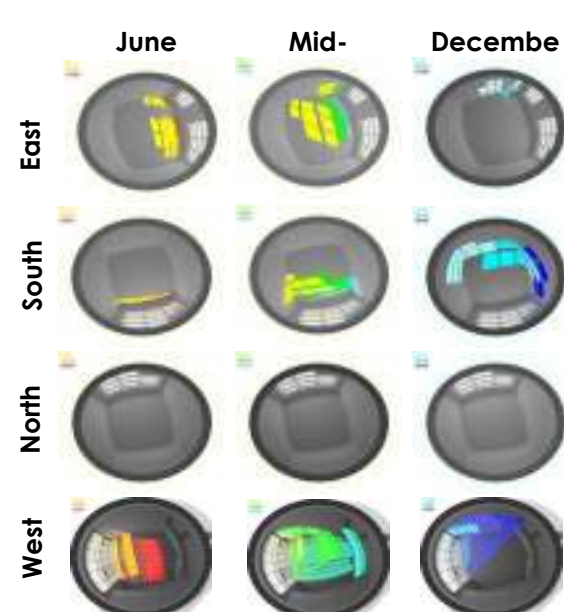
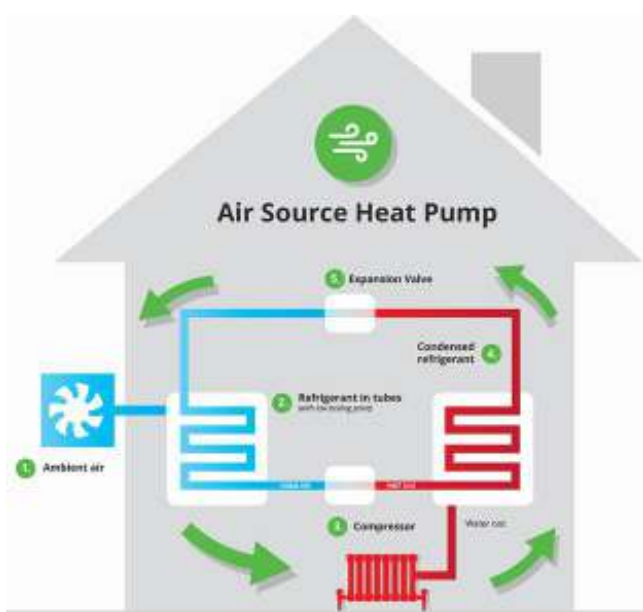
LED
LIGHTING



OUTDOOR
CURRICULUM



ENHANCED
ECOLOGY

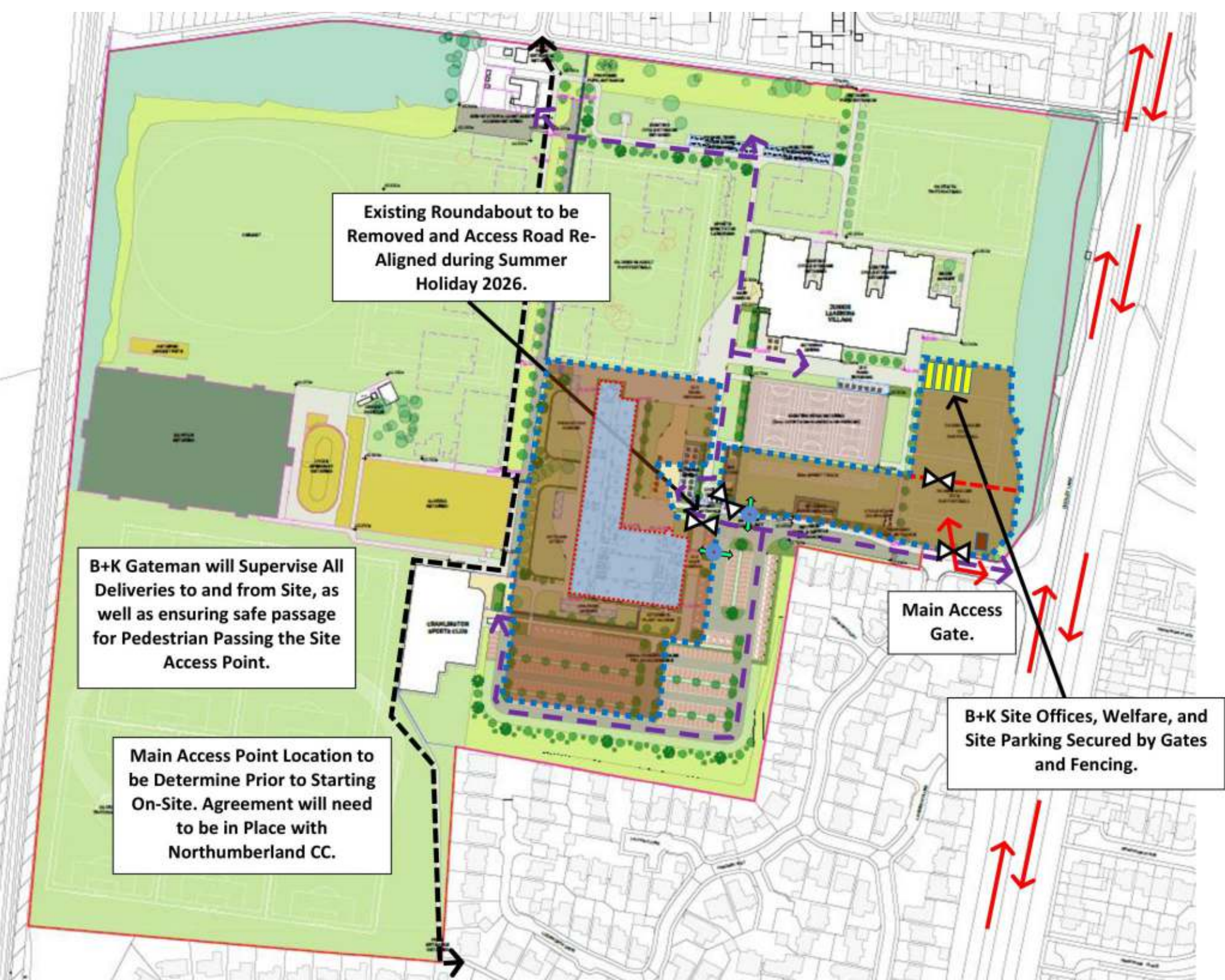


INTEGRATED LOW ENERGY AND SUSTAINABLE TECHNOLOGIES

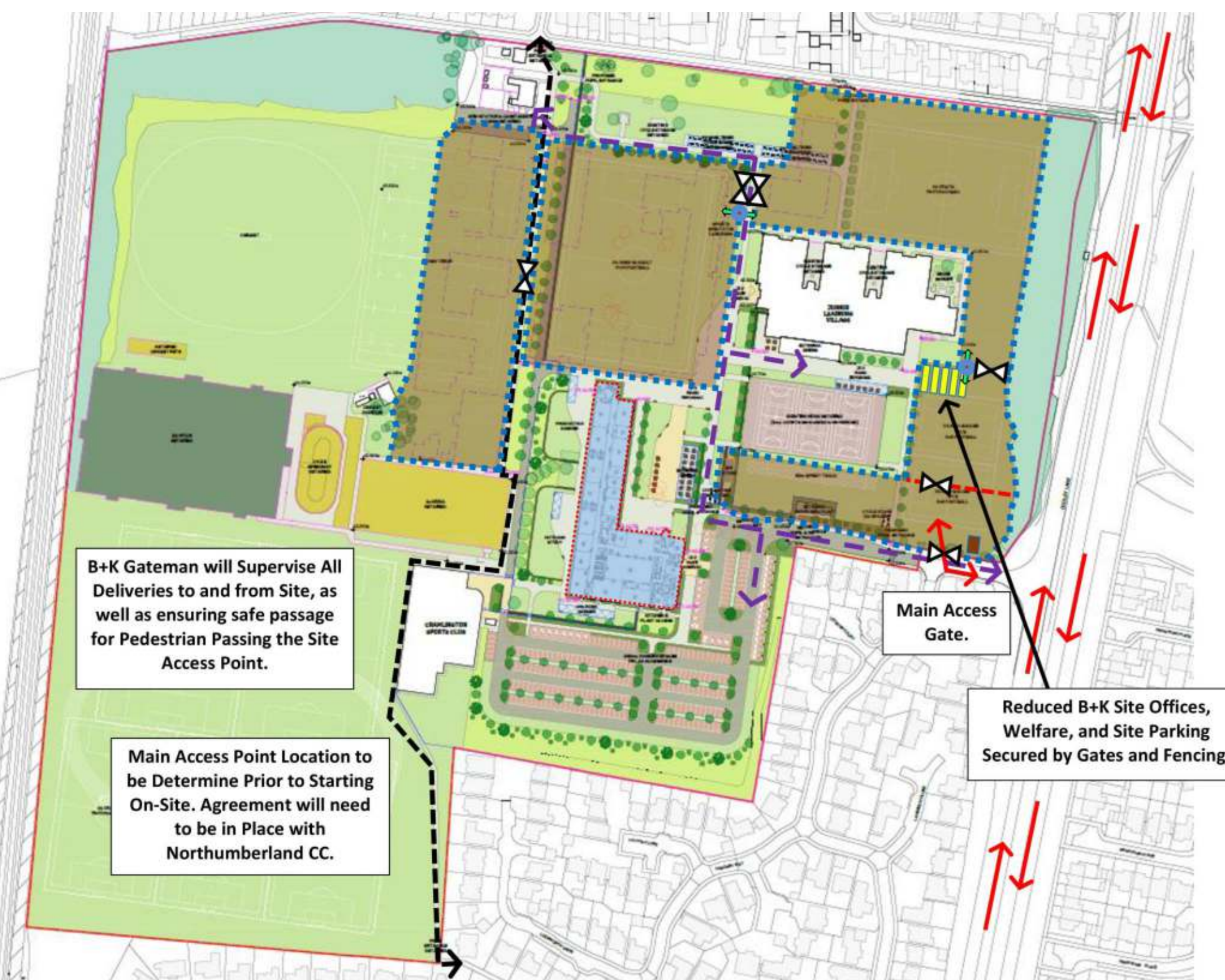
Site Phasing & Logistics



PHASE 01



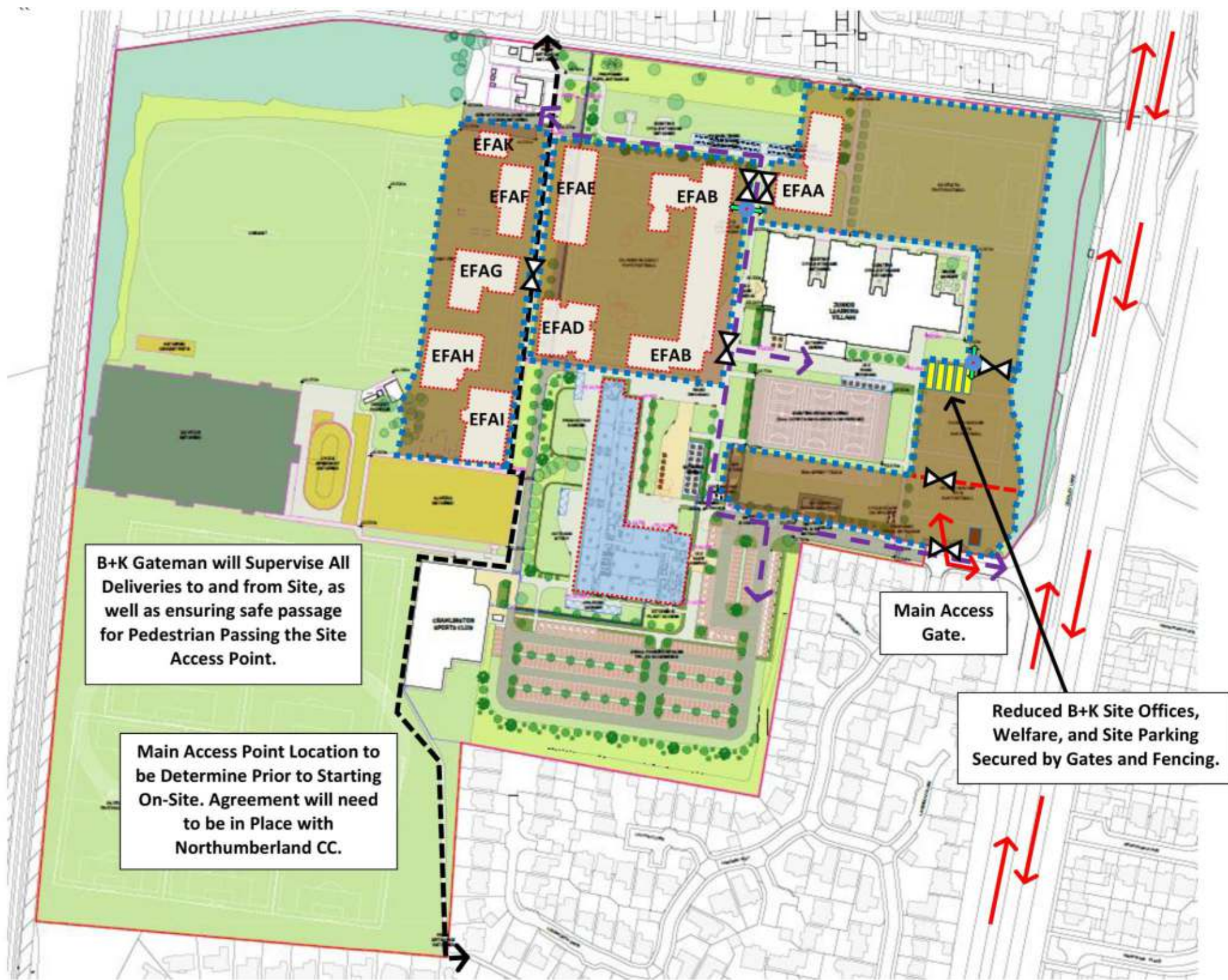
PHASE 03



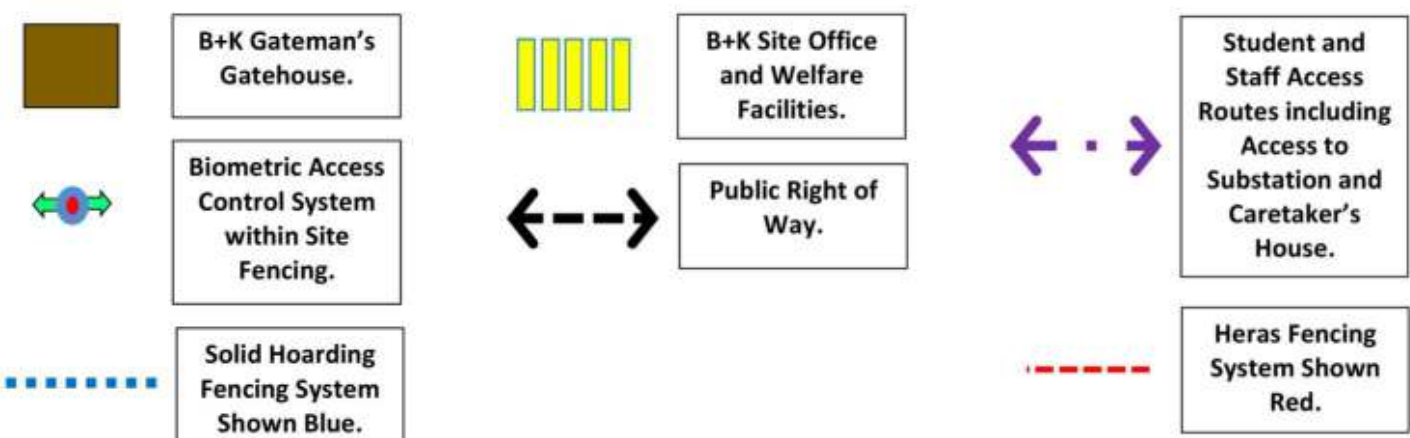
PHASE 04B



PHASE 02



PHASE 04A



KEY