

# Welcome



PROPOSED MAIN ENTRANCE AND APPROACH

Welcome to our exhibition on plans to regenerate Somerlea Park Junior School. Bowmer+Kirkland has been selected by the Department for Education as the main contractor. They are here today with other members of the project team to talk to you about the proposals.

As part of the DfE's school rebuilding programme, B+K has been tasked with planning for the future of Somerlea Park Junior School; to better accommodate pupils and staff, reduce costs, improve useable external and internal space and provide improved facilities. The project team has been working closely with the senior leadership team at The Learners' Trust and the school, in preparation of the plans you can see today.

Before we submit our planning application we welcome feedback from the community. Members of the project team are here to chat about the plans. Please share your views with them, and by filling in one of the feedback forms available here today.

More information, and further opportunities to feed back to us, is available on the website <https://www.somerleapark.co.uk/>



**A modern, welcoming, energy efficient school**



**Careful consideration of campus layout**



**Fossil-fuel-free and net zero carbon in operation**



**Enhanced landscape and useable outside space**



**Design to increase opportunities for community use of facilities**



**Enabling Somerlea Park to make savings on running costs**



**High quality design reflecting The Learners' Trust aims and ethos**



**Careful construction management to minimise disruption to neighbours**



# Project Team



AERIAL VIEW FROM SOUTH | PROPOSED PUBLIC APPROACH & EXTERNAL SOCIAL SPACES



Somerlea Park Junior School At Somerlea Park, we offer a positive climate where children are encouraged to develop their learning, practise their skills and become confident learners through cross-curricular themes. We have developed a curriculum rich with innovative and exciting learning opportunities built upon our core, underpinning values. We aim to provide opportunities for children to be creative, flexible and innovative in their approach to learning and developing new skills, knowledge and understanding necessary for future success.



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 Somerlea Park Junior School 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.



Gleeds is an international, multi-disciplinary consultancy, working as Technical Advisors to the DfE. Gleeds has been working alongside 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 Arkilab Design Studio. Gleeds 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 Somerlea Park Junior School. Bowmer+Kirkland is one of the UK's largest privately owned construction contractors and is active in most market sectors, including 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.



Dobson Grey Planning is a national Town Planning consultancy advising both public and private agencies on the delivery of development projects. Dobson Grey is advising Bowmer+Kirkland and the DfE on the Somerlea Park Junior School proposals; their role is to manage the planning process, advise on planning issues, and to liaise with planning officers at Amber Valley Borough 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.



Ares Landscape 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 our approach is collaboration, working with each school and the wider community to create bespoke outdoor spaces that enrich our environment and maximise site potential.



Milestone Transport Planning is a well-established, market-leading consultancy offering transport planning, highways design and drainage services. MTP have extensive experience of projects within the education sector, working alongside the DfE Contractor & Regional Framework and a wide range of local authorities on a broad spectrum of SEND facilities, state schools, academies and further education facilities.



RPS Heritage (part of Tetra Tech) are providing the project with built heritage consultancy. The existing school was designed by George Henry Widdows, an architect of the Derbyshire County Council who is recognised and valued for his contribution to the design and planning of early twentieth century schools. RPS have provided input into the project on how the understanding of the existing heritage value of the school can inform the design of the new school building and in ways that its heritage value can be retained within the school's continuing narrative.

# Site Layout



LANDSCAPE MASTERPLAN

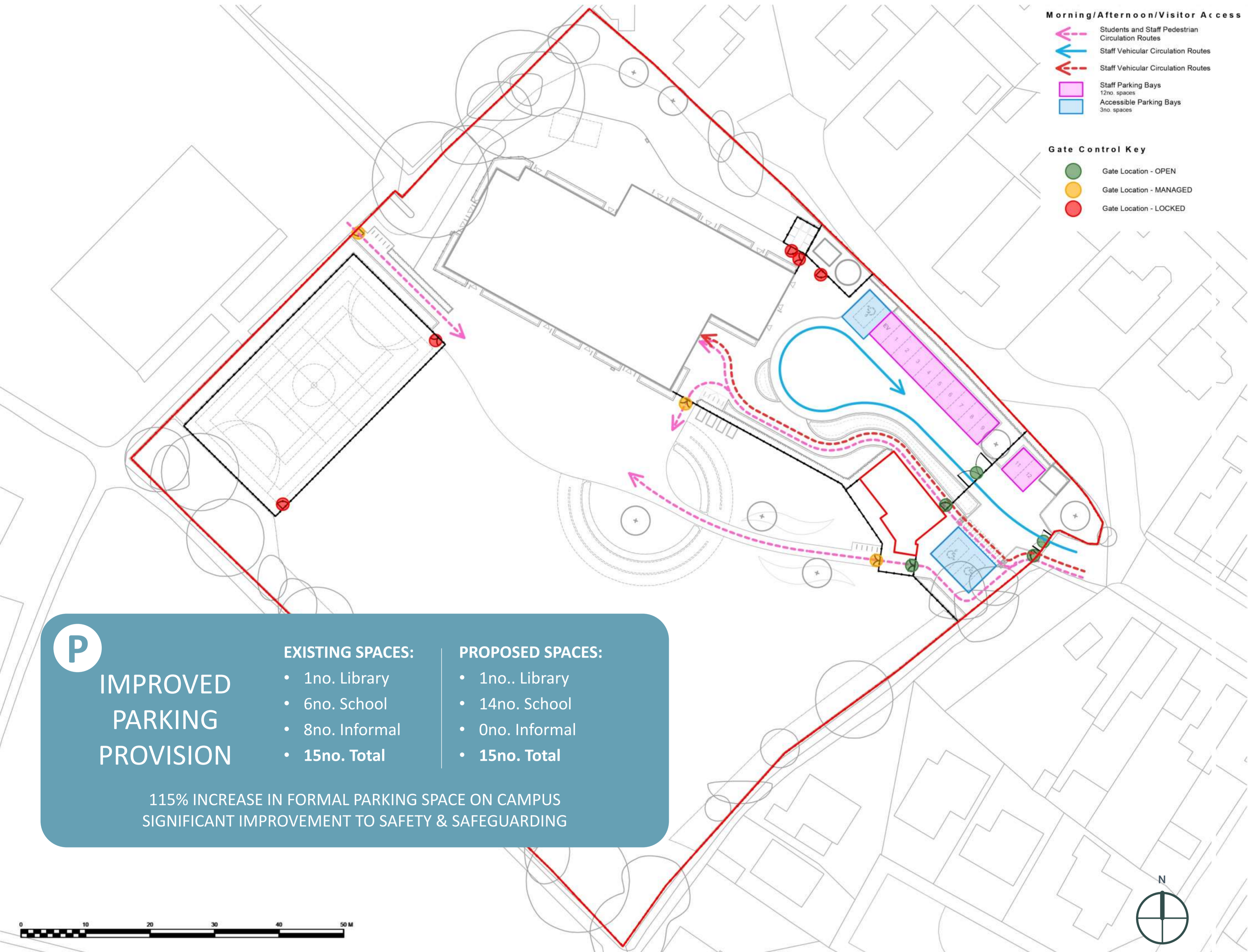


EXTERNAL DINING AREA



EXTERNAL SOCIAL SPACE

# Safe Access



CIRCULATION & ACCESS DIAGRAM



# Building Design



AERIAL VIEW FROM EAST



AERIAL VIEW FROM WEST

- 

**A safe and calm oasis in which pupils can thrive**
- 

**Support for age progression and coming of age**
- 

**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**



AERIAL VIEW FROM NORTH

# Building Design



# Internal Environment



CLASSROOM



LIBRARY



ENTRANCE LOBBY



MAIN HALL

PROPOSED INTERNAL SPACES

 Excellent daylighting and acoustics

 Energy efficient passive cooling

 Individual room controls: user focus

 Meeting or exceeding DfE requirements



INTERNAL TEACHING AND LEARNING SPACES - PRECEDENTS

# Sustainable Design



CROSS SECTION THROUGH HALL AND FIRST FLOOR LIBRARY

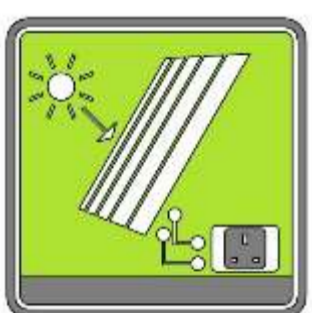


CROSS SECTION THROUGH CLASSROOM WING

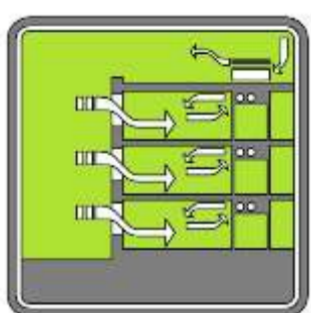


**100%**  
Reduction  
CO<sub>2</sub> in operation

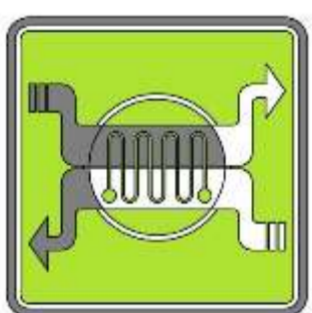
- Net-zero carbon in operation
- Fossil-fuel free
- Efficient building envelope with 'fabric-first' approach
- Inherently low-energy systems including heat recovery & LED lighting
- Passive cooling with thermally massive structure
- Integrated renewables with rooftop photovoltaic array
- Air source heat pump to provide for space and water heating



SOLAR PHOTOVOLTAICS



HYBRID CROSS VENT WITH HEAT RECOVERY



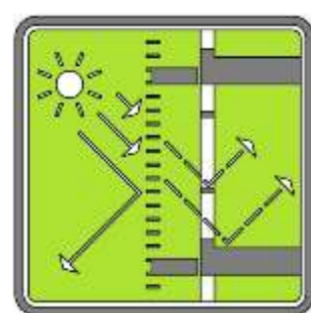
AIR SOURCE HEAT PUMP



CYCLIST FACILITIES



HIGH THERMAL MASS



OPTIMISED DAYLIGHT DESIGN



HIGH PERFORMANCE ENVELOPE



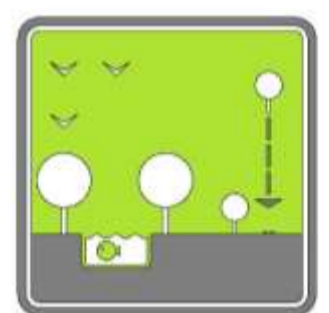
LED LIGHTING



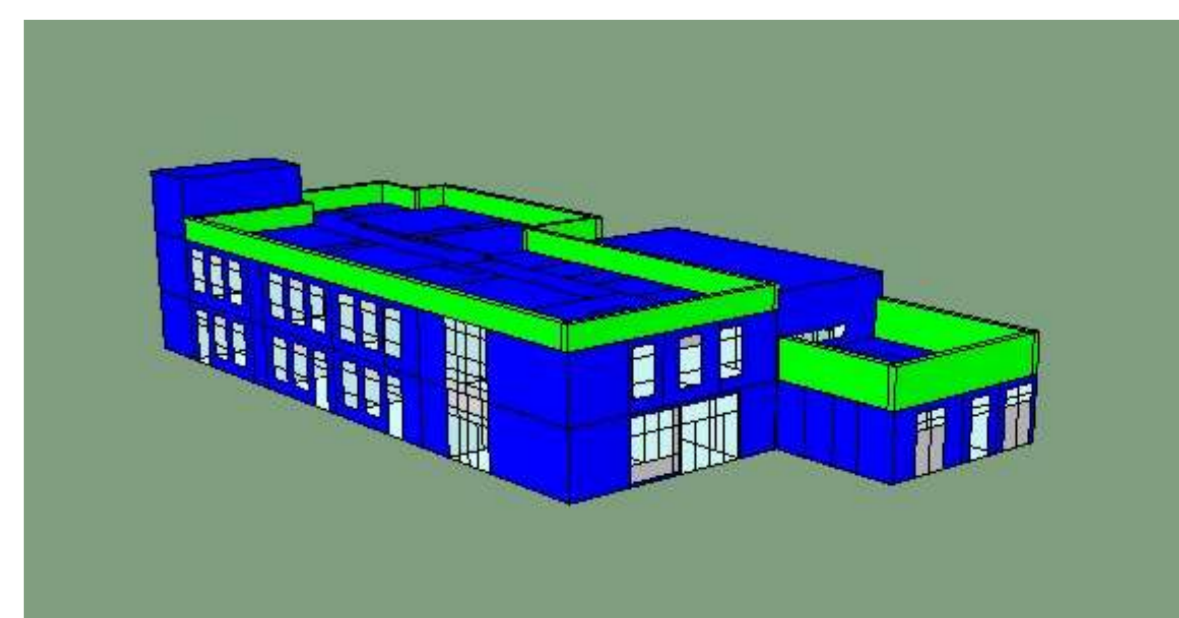
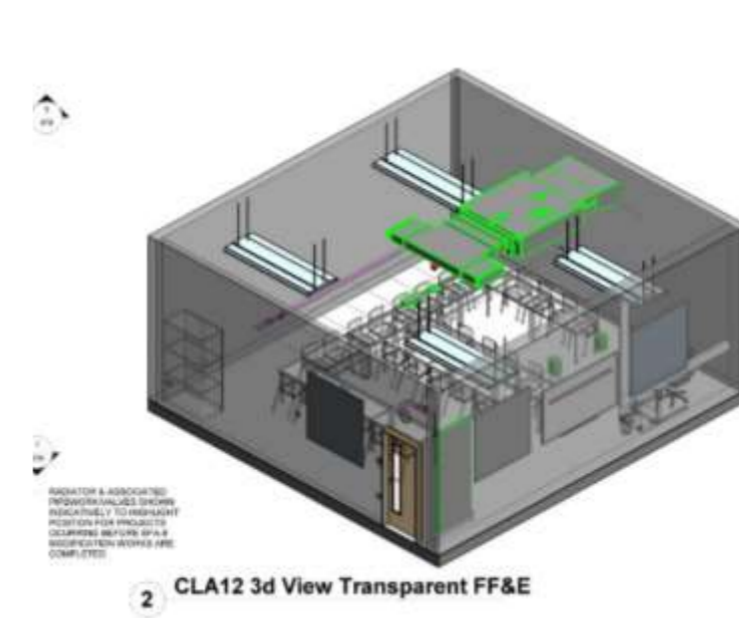
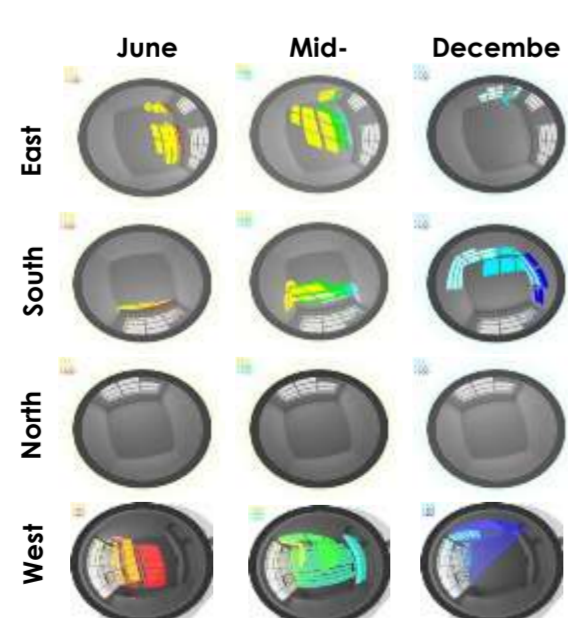
OUTDOOR CURRICULUM



GREEN ROOF TRAYS



ENHANCED ECOLOGY



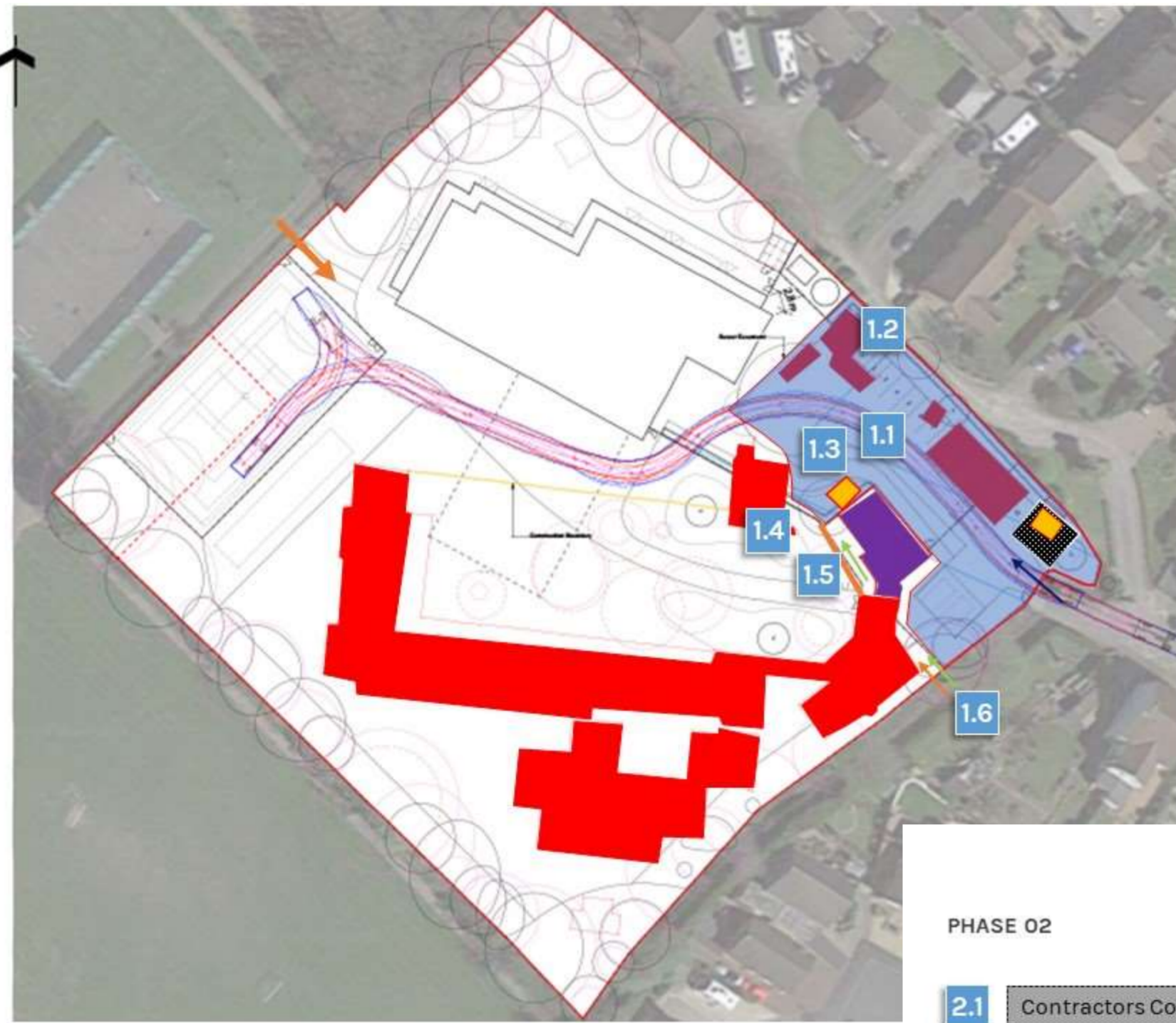
INTEGRATED LOW ENERGY AND SUSTAINABLE TECHNOLOGIES



# Site Phasing & Logistics

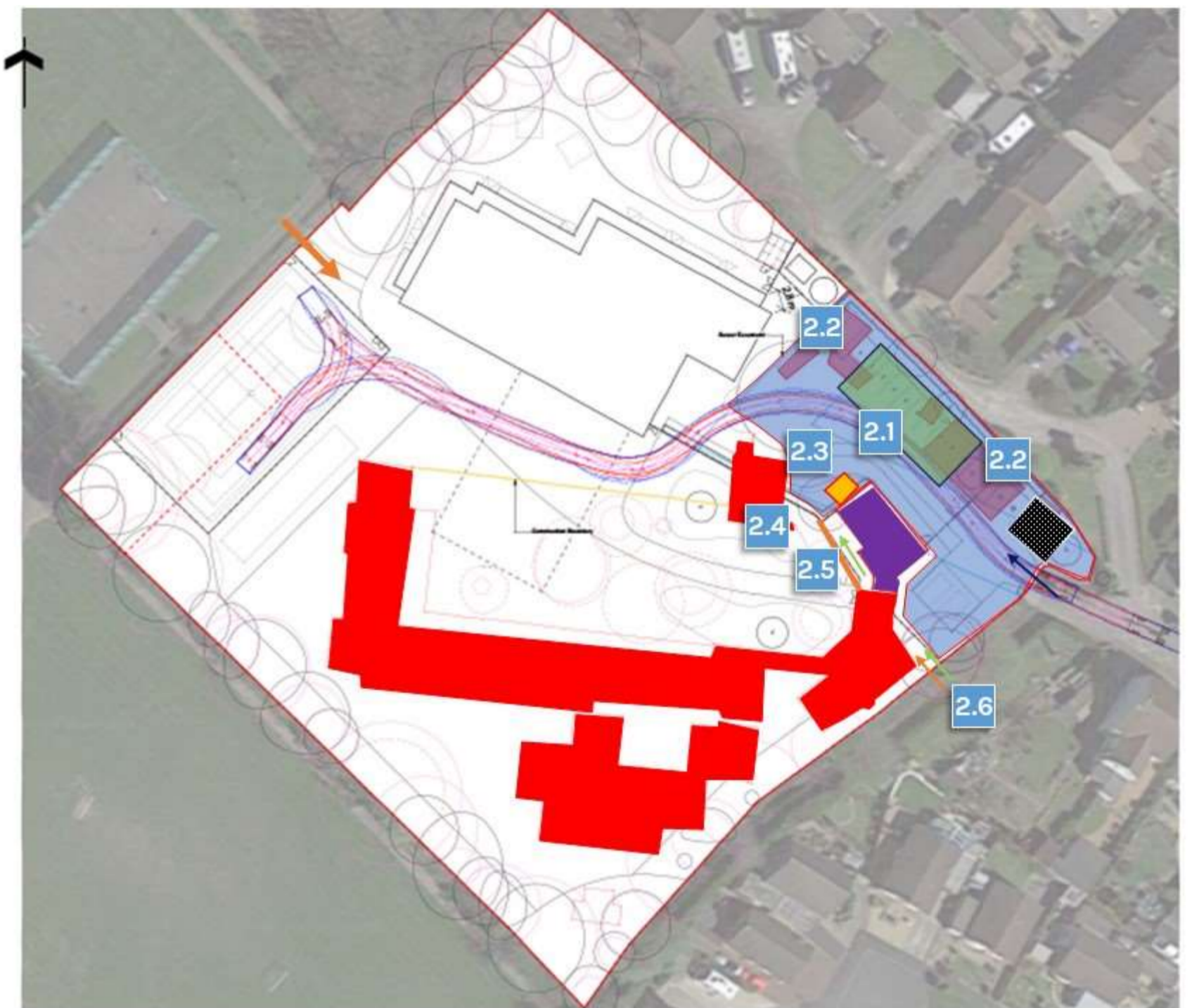
## PHASE 01: SUB-STATION/UTILITIES AND ASBESTOS REMOVAL

- PHASE 01
- 1.1 Contractors Compound
  - 1.2 Asbestos Removal to outbuildings
  - 1.3 Gas meter building replaced and relocated for new DNO sub station.
  - 1.4 Temp gas meter being considered
  - 1.5 Library Access Maintained
  - 1.6 Form new pedestrian access for library and school (no vehicular access)



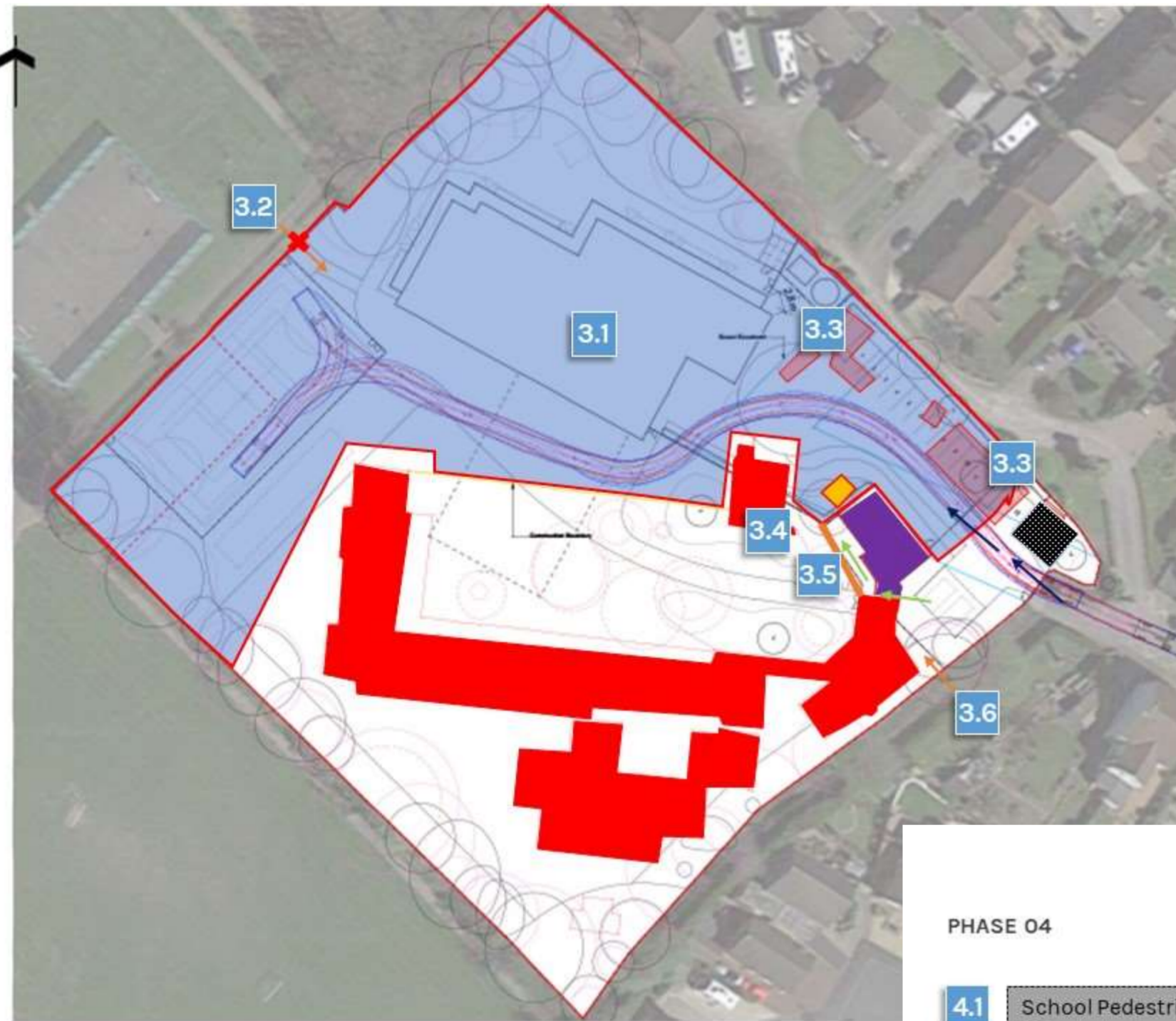
- PHASE 02
- 2.1 Contractors Compound
  - 2.2 Buildings demolished early to facilitate access
  - 2.3 Gas meter relocated
  - 2.4 Temp gas meter being considered
  - 2.5 Library Access Maintained
  - 2.6 Retain new pedestrian access for library and school (no vehicular access)

## PHASE 02: DEMOLITION & ATTENUATION TANK



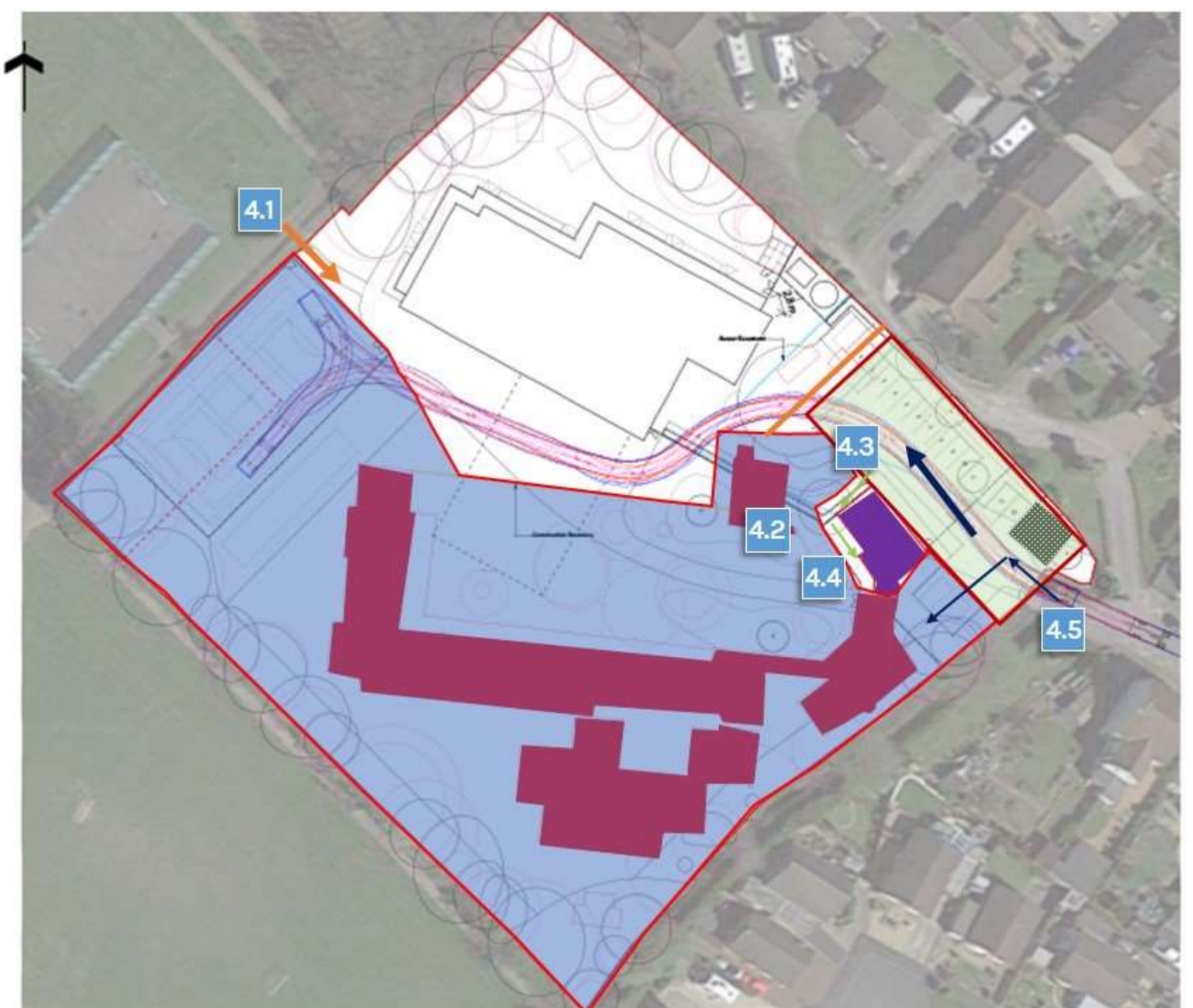
## PHASE 03: CONSTRUCTION OF NEW TEACHING BLOCK

- PHASE 03
- 3.1 Contractors Compound
  - 3.2 School access blocked up for construction Phase
  - 3.3 Buildings demolished in Phase 1.
  - 3.4 Temp Gas Meter & incoming for Library and Main School
  - 3.5 Library Access Maintained
  - 3.6 Retain new pedestrian access for library and school (no vehicular access)



- PHASE 04
- 4.1 School Pedestrian Access Reinstated
  - 4.2 Temp gas meter being considered (now removed)
  - 4.3 Using alternative entrance during Arch demolition only
  - 4.4 Maintenance Access to Library
  - 4.5 B+K Construction Access

## PHASE 04: EXISTING SCHOOL DEMOLITION & LANDSCAPING



**KEY**

Construction Area		B+K Site Access		Attenuation Tank	
DNO Sub Station		School Access		Temporary Fence	
Gas Meter Location		Library Access		Shared Access	

# Next Steps

The information provided here today will be available on the project website after the exhibition:

<https://www.somerleapark.co.uk/>

The aim is to submit a detailed planning application within the next few weeks, to Amber Valley Borough Council

The Council will make the detailed planning application documents available on their website for you to comment on

If the plans are approved, we aim to start on site in April 2024, and complete the replacement school buildings and landscape works in February 2026.



Bowmer+Kirkland have extensive experience of managing construction sites where there is an operational school and neighbouring properties. Our programme carefully considers the needs of the existing Somerlea Park campus, including a number of phases to best provide for school activities. Traffic and Construction Management Plans will ensure safe access and operation of the Somerlea Park facilities. Deliveries and vehicle movements will be programmed to minimise disruption to the neighbouring area. Progress updates will be shared with neighbours and the school community.

## please share your views

You can provide any comments on the feedback form provided here today, or to Dobson Grey Planning Consultants



Thank you for visiting