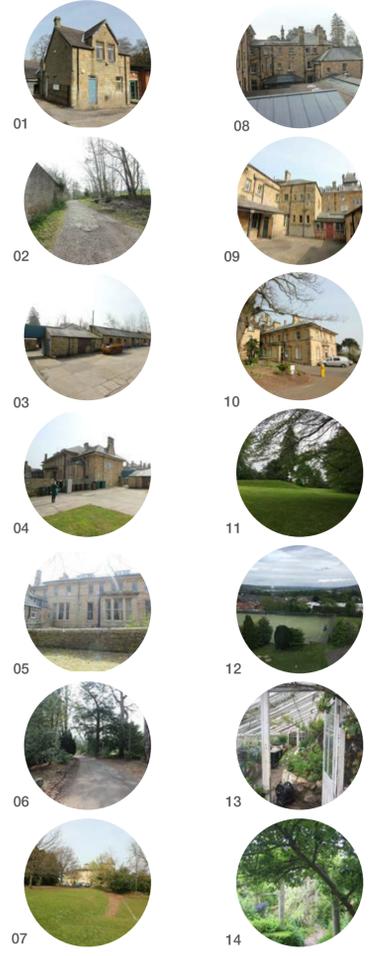


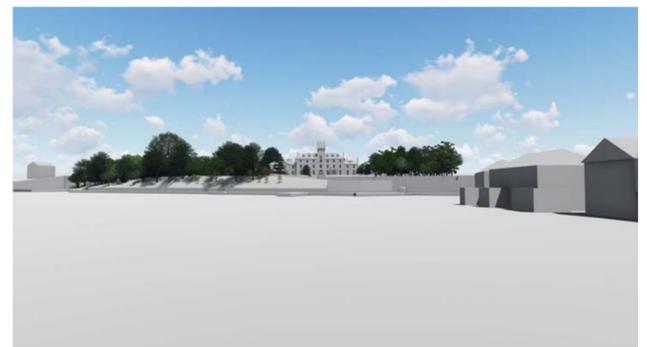
The Hydro and the Existing Site



Site Analysis



Site Photographs



Views of Hydro

Potential Visibility of Hydro from Whetstone Bridge Road



Existing Site Sections

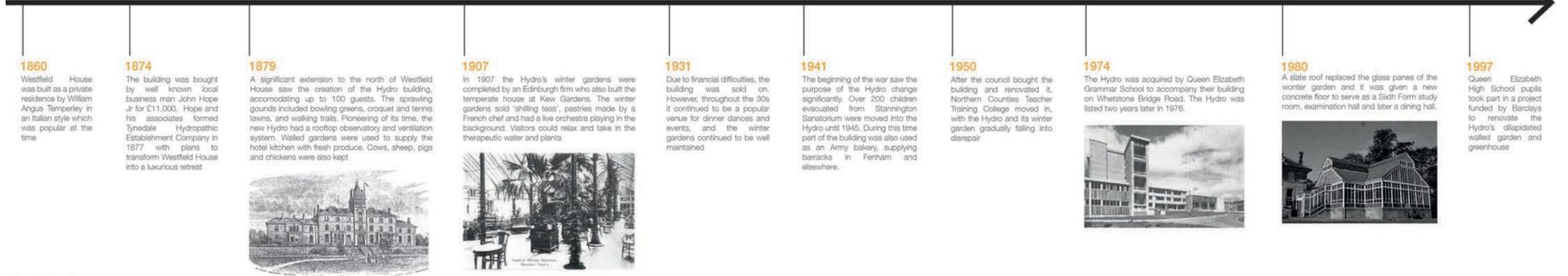
Replacement School Buildings for Hadrian Learning Trust Schools



History of the Hydro and its Setting



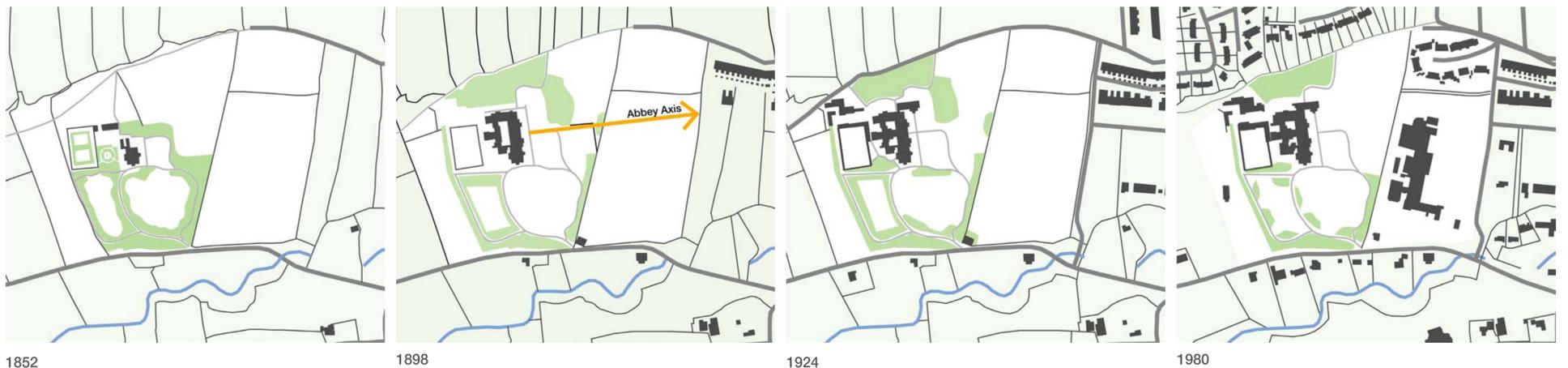
Historic Images



Site Timeline



Heritage Assets



Replacement School Buildings for Hadrian Learning Trust Schools



Key Design Drivers

Make the most of the unique site

- Restore the position of the Grade II-listed Hydro in the landscape.
- Enhance its setting, including mature trees, which creates calm, purposeful atmosphere.
- Work with the topography and ensure full accessibility.
- Be mindful of the Green Belt and Conservation Area.
- Provide easily supervised, external spaces for each age group.
- Improve sports provision.
- Enable the wider community to benefit from the exceptional facilities.

Celebrate the best of the past while looking to the future

- Make best use of this heritage asset.
- Connection between the old and the new is critical.
- Create an inspiring learning environment for students.
- Provide facilities that can flex to accommodate future needs.
- Enable staff to develop their collegiate teamwork still further.

- Maximise operational efficiencies, so that resources are focused on education.
- Celebrate the school's ethos which values education in its broadest sense: including creative and performing arts, sport and other opportunities.
- See the whole building as a curated space.
- Design buildings that are as sustainable as possible.

Two schools, one site

- Maintain each school's distinctiveness while creating a clear sense of identity.
- Each age group should feel they have a "home of their own", with a clear sense of progression through the different phases of their educational journey.
- Middle School pupils should feel part of a smaller school with own entrance, play and social areas.
- Ensure Year 5-6 have dedicated spaces of appropriate scale.
- Enable Years 7-8 to routinely access specialist facilities in High School.
- High School to have dedicated entrance and exterior spaces.

- Consider the importance of Year 9 as the transition year, with new students joining.
- Provide study and social space for Sixth Form which reflects their place as role models.
- Provide a single main entrance for staff and visitors.

Deliver the right added value

- Much more than a typical school box.
- Deliver 2000sqm more than the standard Schedule of Accommodation to meet the Trust's curriculum requirements.
- Most 'bang for your buck'.

Minimise disruption to the Schools and neighbours during construction



1. Identification of key historic assets



2. Selective demolition and tree removal forming development zone and revealing the Hydro



3. Walled Garden form retained. Clearly defined Middle and High School approaches and blocks defined



4. Dedicated external provision wrapped around teaching blocks



5. Sports pitches located beyond



6. Key infrastructure created

Key

1. The historic asset's setting enhances and reinforces the axial approach, opening up views of the building from site perimeter, with a single visitor and staff entrance located at the route terminus
2. Dedicated Middle and High School entrances providing a clear separation of the two schools on arrival and departure at the start and end of the school day
3. Dedicated sixth form entrance into winter garden reinforcing the aspirational role of the sixth form and sense of progression
4. Individual building entrances for years 5-6 and 7-8 providing direct access to dedicated external play and social spaces
5. External play and social spaces wrapped around building perimeter with court and pitch provision beyond
6. Separation between middle and high school external spaces clearly defined by physical boundaries
7. Reduced scale of middle school at two stories creates a clear sense of identity on arrival which is suited to the younger cohort
8. Layout allows middle school classes to be wrapped around east and south perimeter avoiding overlooking into and from high school
9. Separate middle school and high school sports block entrances with no cross over of students during school day whilst maintaining the ability to open up full facility for community use
10. Middle school links to allow access to specialist High School teaching spaces designed to avoid crossover between years 5-6 and High School Students
11. Westfield House utilised for senior leadership and curriculum teams which can be easily accessed from either Middle School or High School
12. New build set well back from significant east and south elevations of Hydro and Westfield House to minimise impact on heritage asset and existing trees
13. Route of historically significant Westfield House coach loop retained
14. Building entrances for year 9, 10 and 11 providing direct access to each year group base and reinforcing the sense of progression
15. Cloister formed to walled garden perimeter, linking blocks and providing extensive covered external space
16. Theatre, halls and dining centrally in close proximity to Hydro to support community and extended use
17. Low level links formed at junction to Hydro to minimise impact on historic asset
18. Centrally located, single kitchen which can serve both school dining areas
19. Historically significant Walled Garden footprint and proportions retained.

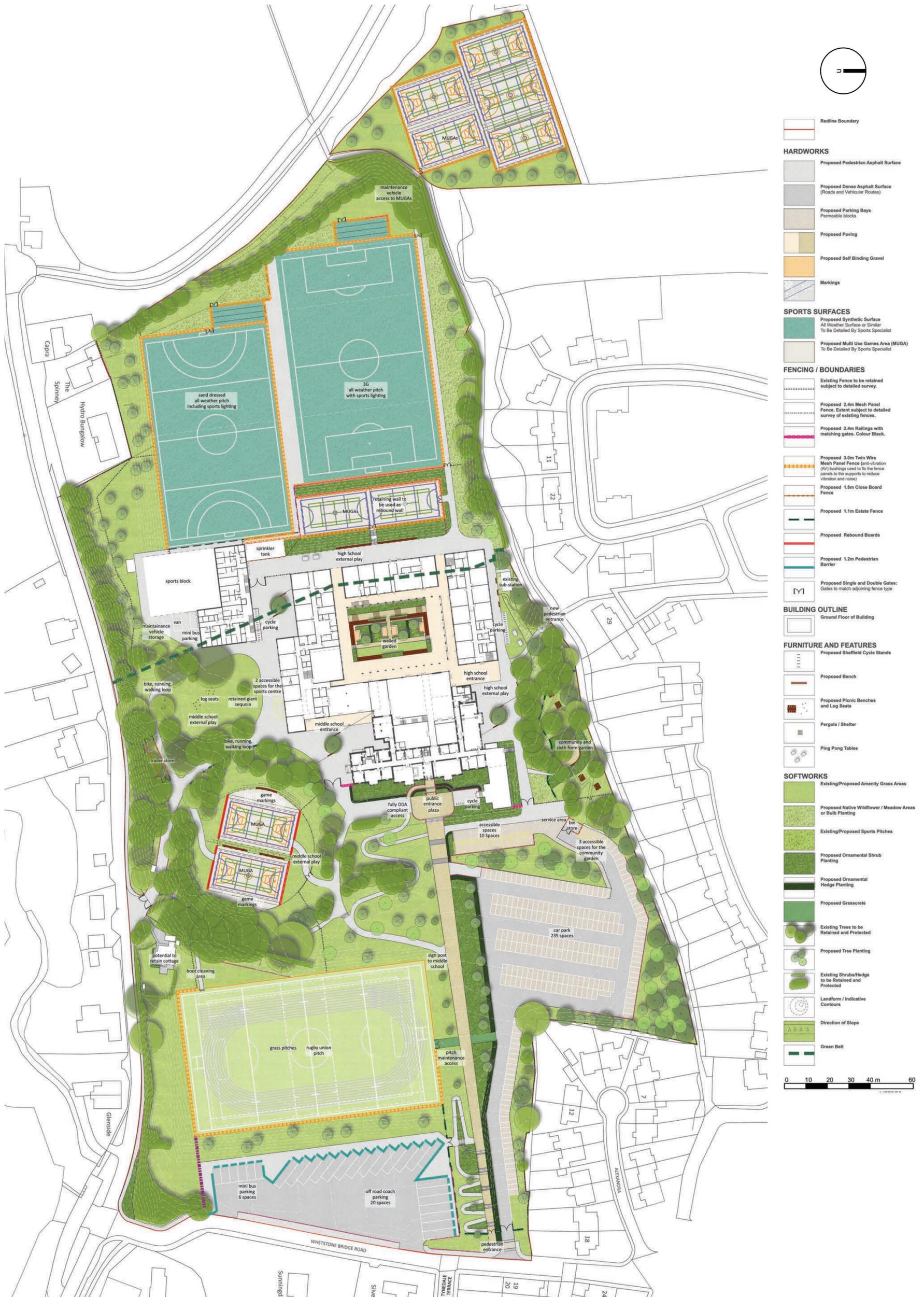


Building concept diagram

Replacement School Buildings for Hadrian Learning Trust Schools



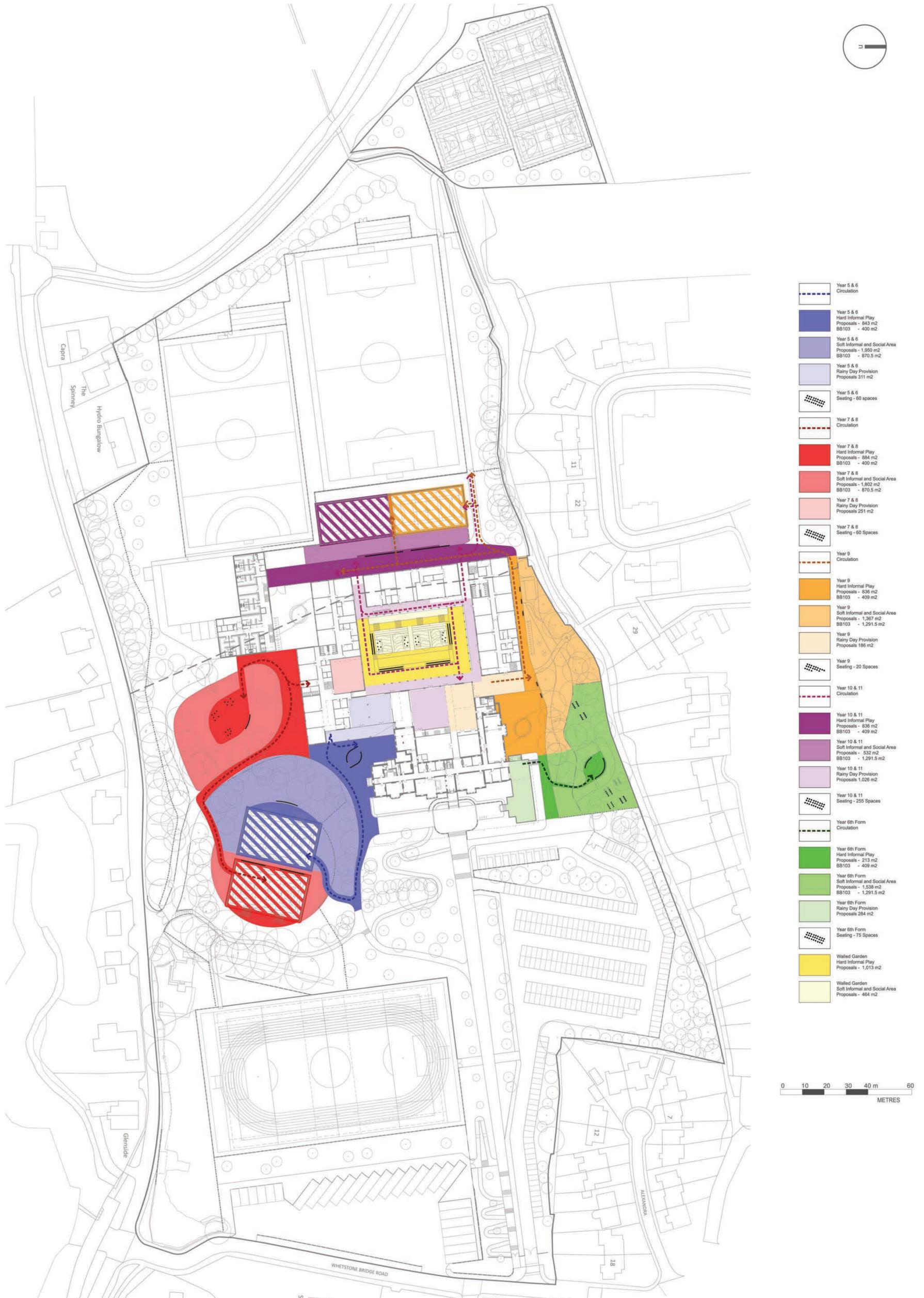
Making the Most of the Unique Site



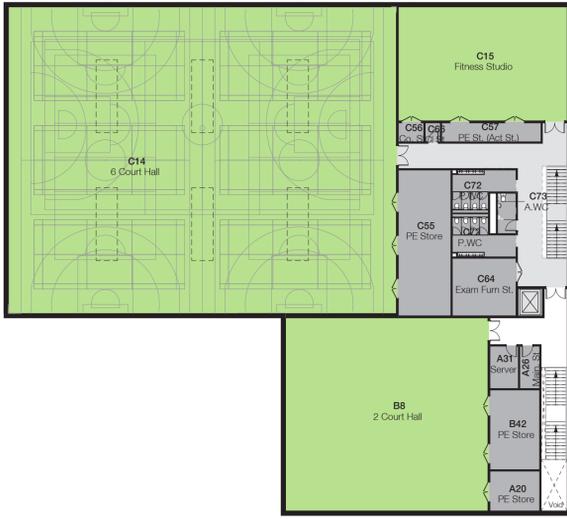
Replacement School Buildings for Hadrian Learning Trust Schools



Separate External Play and Social Areas for Each Age Group



First Floor Plan

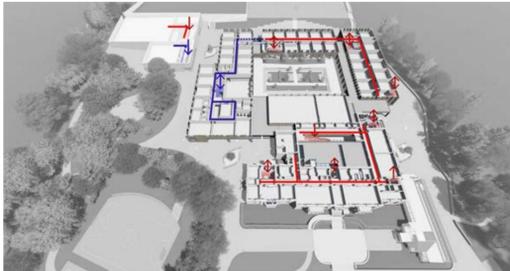


- Circulation
- High School
- Large Spaces, Halls, Social & Dining
- Learning Resource Centre
- Middle School
- Non-Net
- Staff and Admin Areas
- Storage Areas

First Floor Plan



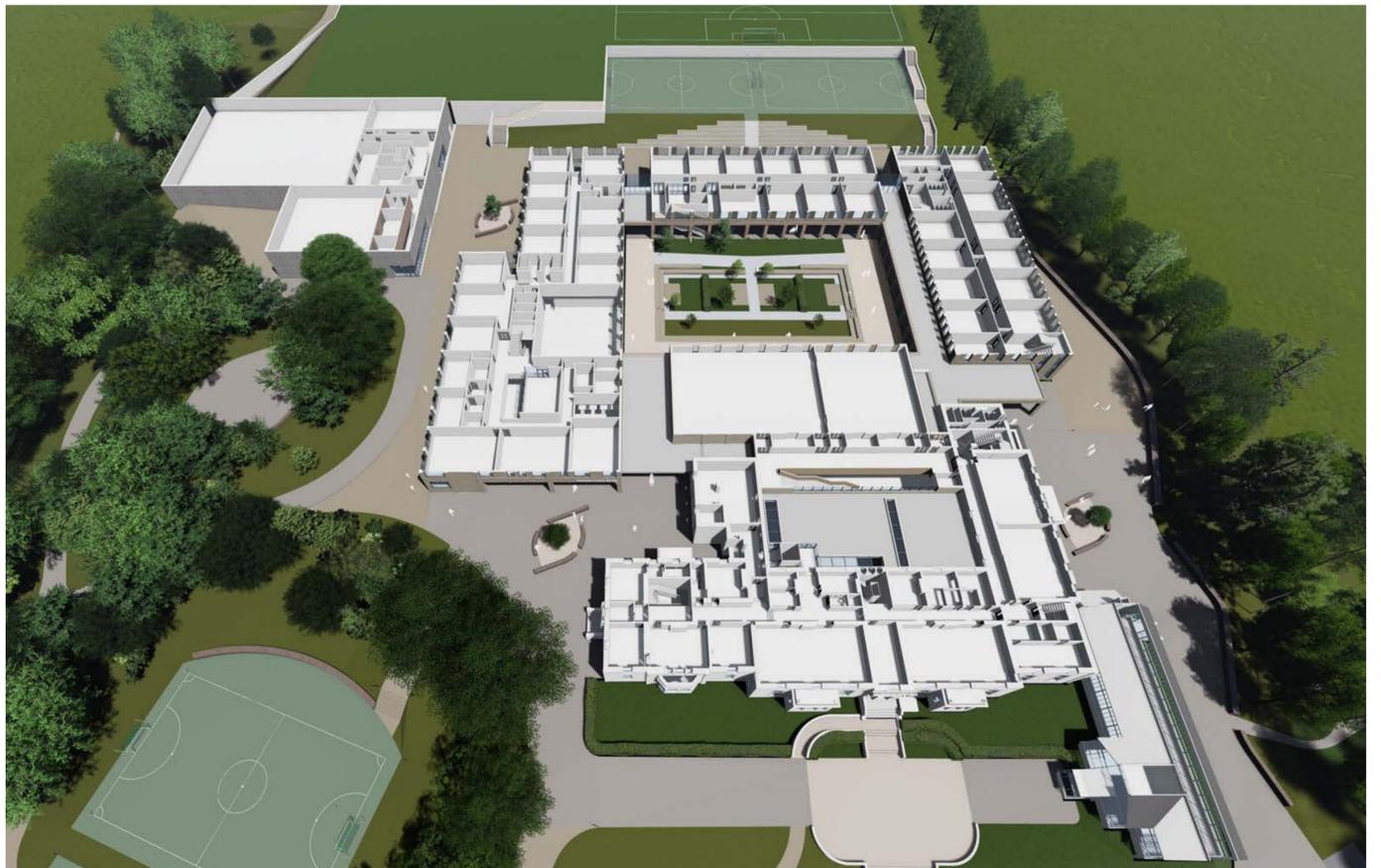
Passive Supervision



Circulation

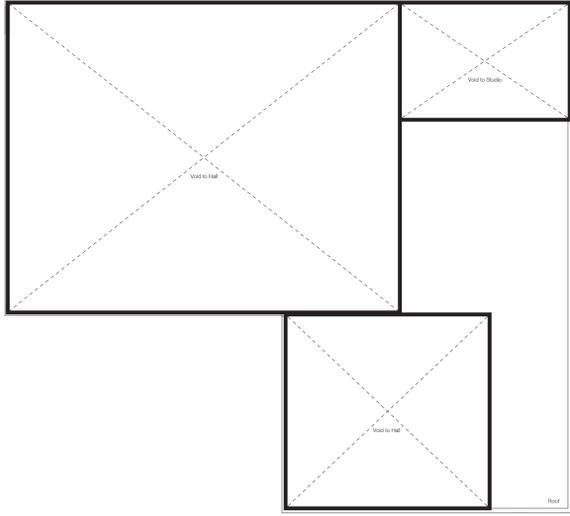


Principal Community and Out of Hours Zoning

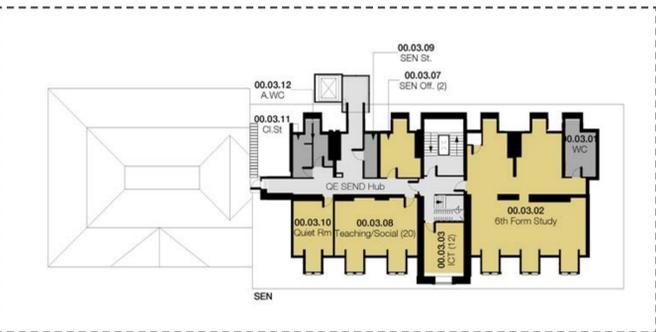


First Floor Sectioned Aerial View

Second and Third Floor Plans



- Circulation
- High School
- Large Spaces, Halls, Social & Dining
- Learning Resource Centre
- Middle School
- Non-Net
- Staff and Admin Areas
- Storage Areas

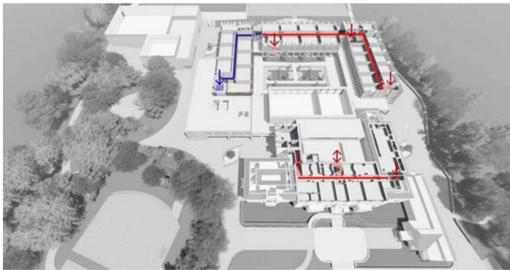


Third Floor Plan

Second Floor Plan



Passive Supervision



Circulation



Building Zoning



Second Floor Sectioned Aerial View