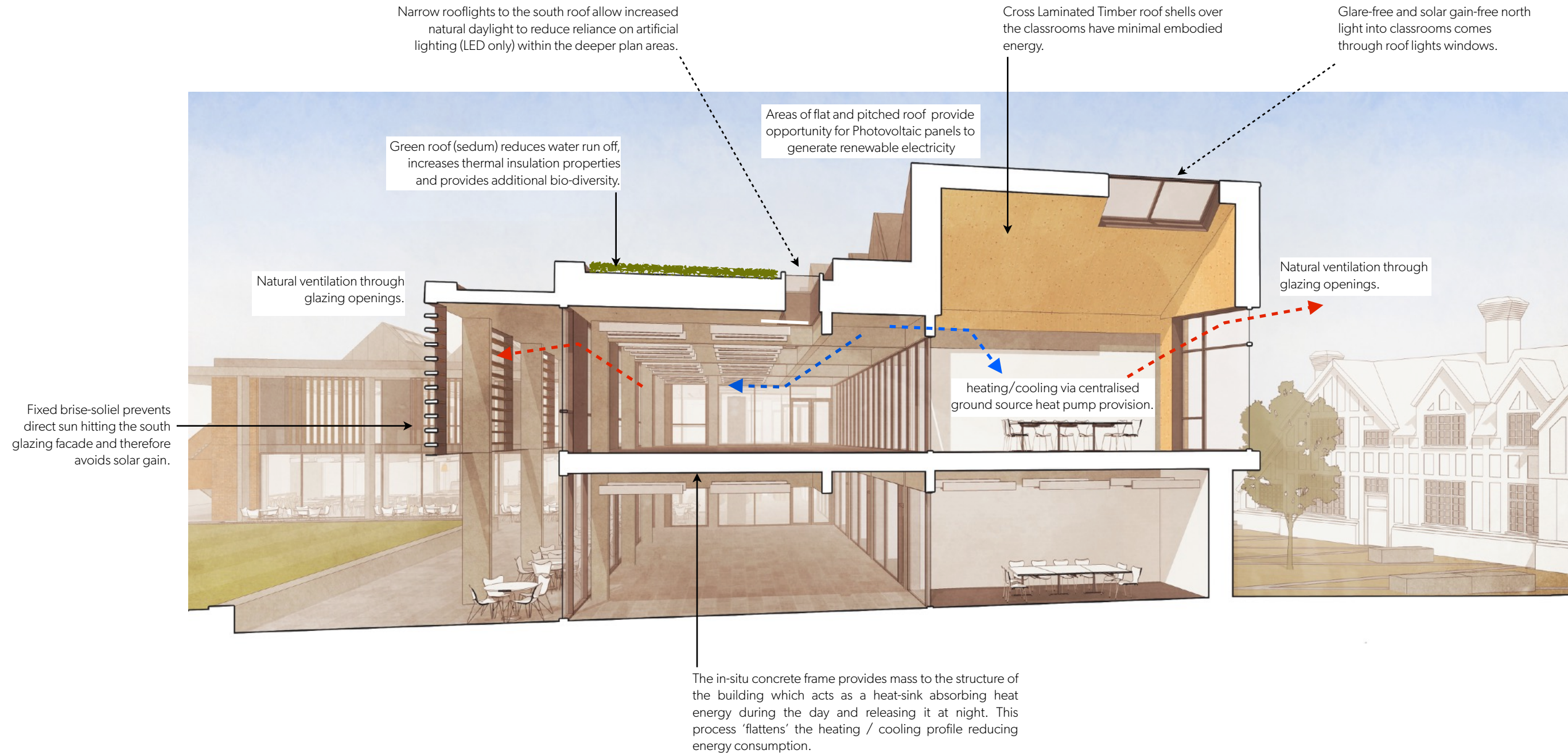


# 11.0 Sustainability

The environmental sustainability strategy for the proposed building continues to be refined but a number of key measures are already agreed and are described in the sketch section below.





# 12.0 Materials

The specification of materials suitable for the new building remain at an early stage. However, we are progressing a strategy with the intention of finessing selection collaboratively with Dacorum Council’s Conservation Officer.

Walls: Facing Brickwork - Chailey Rustic Stock 4514 by Ibstock

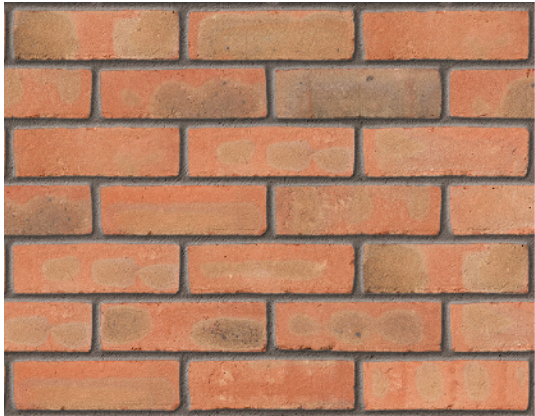
Roofs: Standing seam zinc.

Colonnade within new quad: Precast concrete.

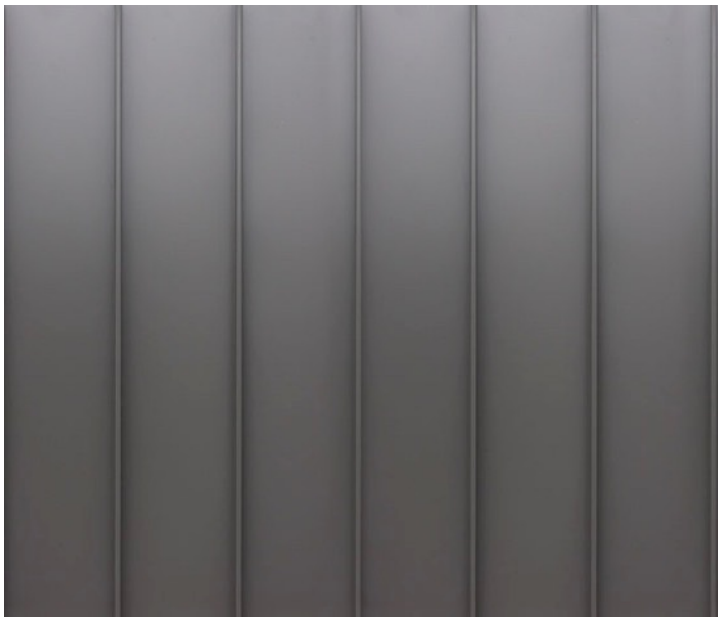
Glazing: Polyester powder coated aluminium.

Brise Soleil: Terracotta baguettes (ref. NBK M4.01-0)

Landscape: Refer to Section 8.0 for indicative details



**Brickwork:** The Chailey Rustic Stock is chosen to pick up on the different tones of brickwork found across the immediate site context. There are opportunities to introduce decorative bonds to break down the proposal’s facade and add interest.



**Zinc:** A standing seam zinc finish is proposed to the pitched roof elements, and can be specified in a series of colours.



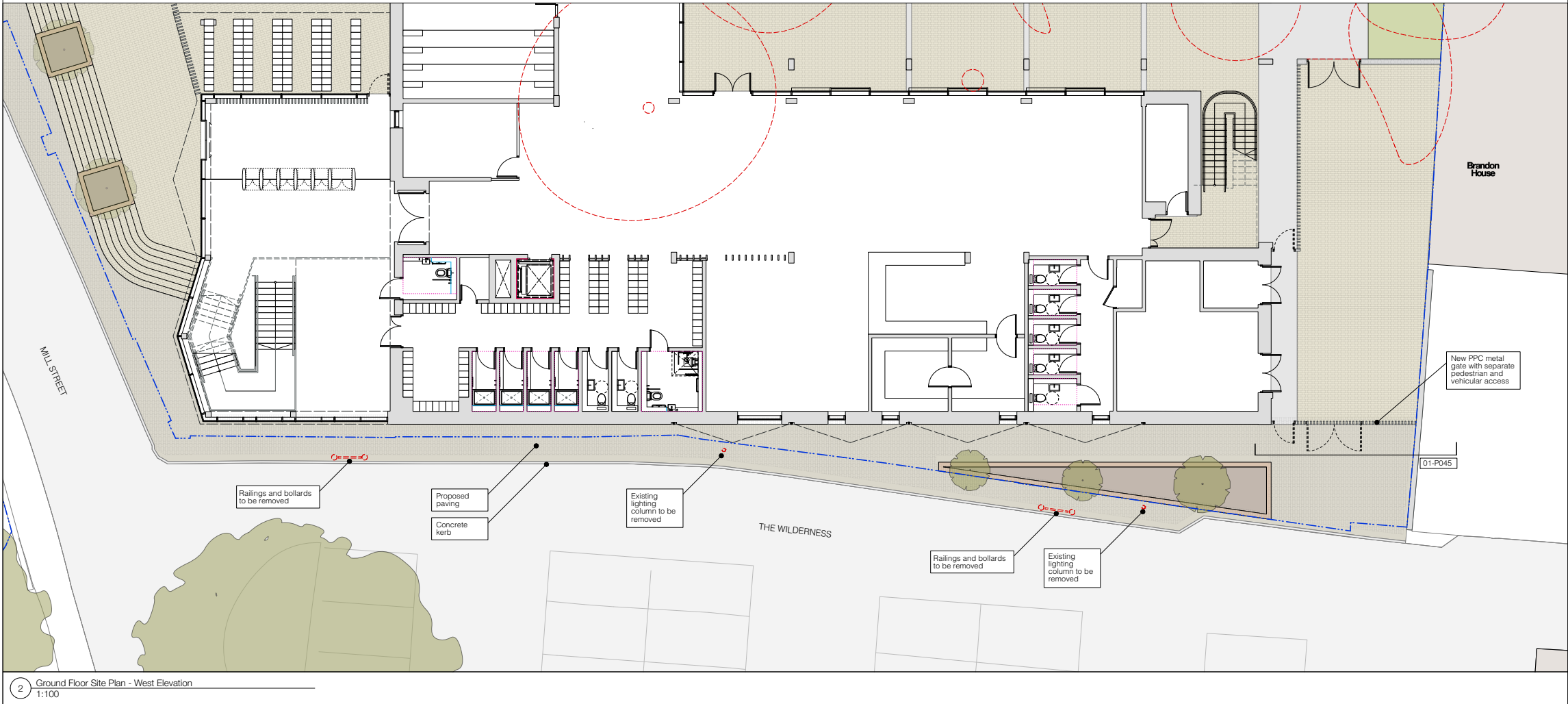
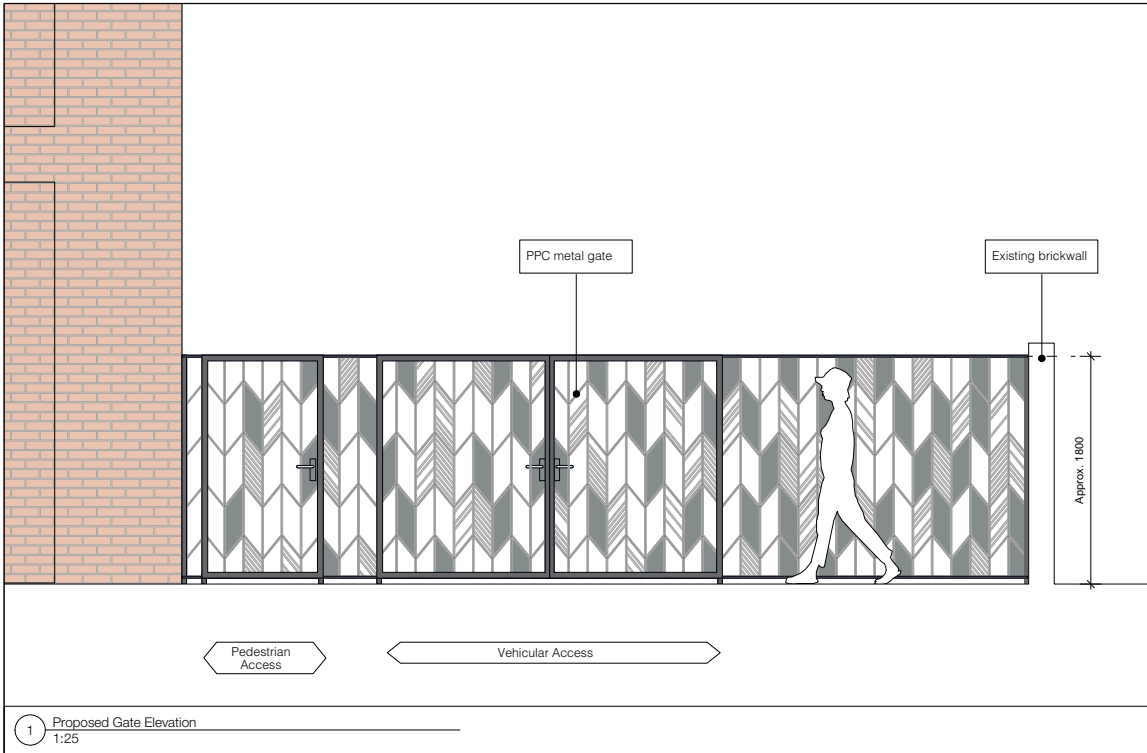
**Brise Soleil:** Terracotta baguettes are proposed to provide a slender solar shading device to compliment both brickwork and precast concrete. These are used in horizontal and vertical orientation, both suspended between the colonnade structure and applied to areas of glazing. (Above: *The shown on the Hubert Perrodo Building, St Peters College by Design Engine Architects*)



**Pre-Cast Concrete:** Pre-cast concrete defines the colonnade that encloses the meadow quad. This material provides a contrast to the public-facing brickwork to create a distinct backdrop to the Sixth meadow quad, while referencing stonework found on surrounding buildings (Above: *The Murray Centre for Downe House School by Design Engine Architects*).



13.0 Additional benefits to the Conservation Area.



**SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION**

In addition to the hazards / risks associated with the types of work detailed on this drawing, note the following:

**CONSTRUCTION**

**MAINTENANCE / CLEANING**

**DECOMMISSIONING / DEMOLITION**

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement.

**NOTES:**

1. Do not scale from this drawing.  
2. This drawing is to be read in conjunction with all relevant Architects and Consultants drawings, schedules and specifications.

0 10m

Ownership boundary

Application boundary

Grass

Herbaceous border

Hedges and shrubs

Permeable paving

Block paving

Stone paving bands

Tarmac pavement

Existing trees

Proposed trees

Removed trees

Fixed seating

Rev	Date	Notes	By	App'd
01	10.20	Issued for Planning	DE	RO

**DESIGNENGINE**  
ARCHITECTS

1813 Berkhamsted Sixth  
Berkhamsted School

October 2020  
External Landscape Proposals

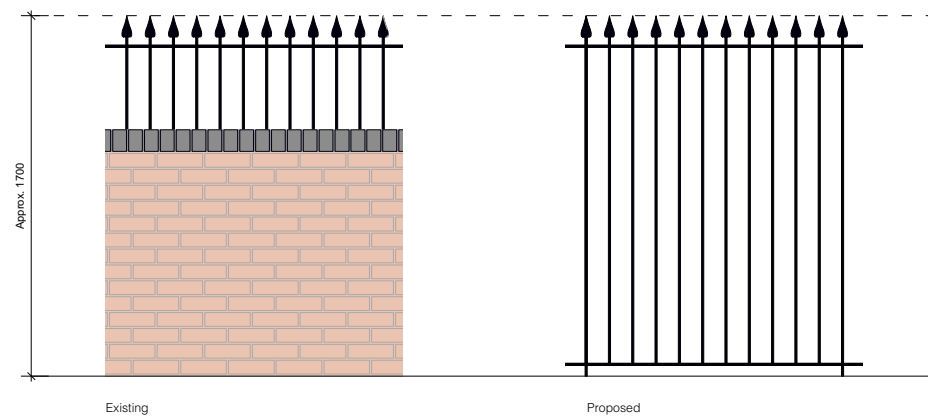
1:100 @ A1 1:200 @ A3

**PLANNING** 1813-P045 P1

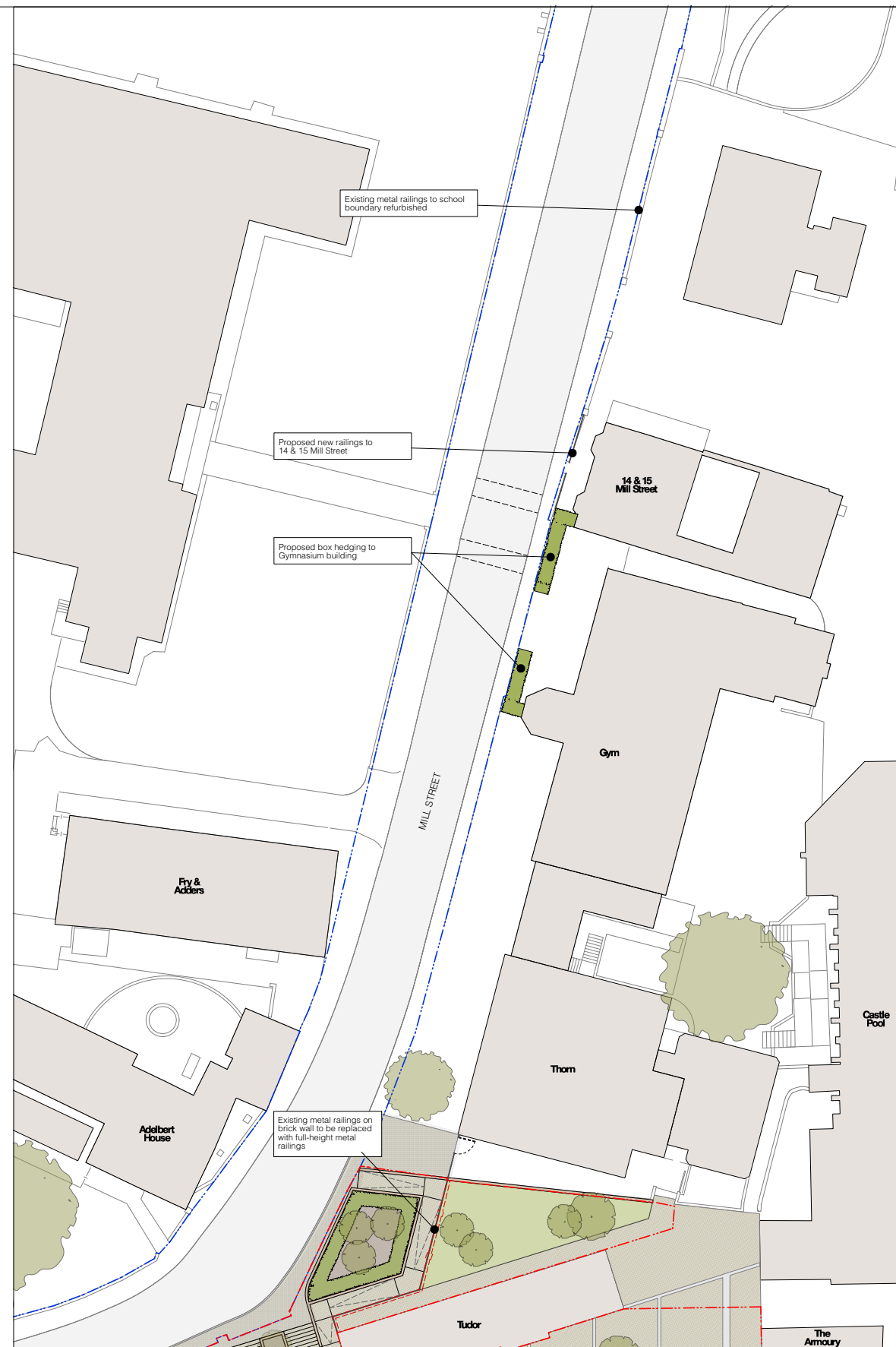
### 13.0 Additional benefits to the Conservation Area.



1 Indicative impression of frontage improvements to 14 & 15 Mill Street and Gymnasium



2 Proposed boundary wall amendments to front of Tudor Building



3 Ground Floor Site Plan  
1:100

<b>SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION</b>
In addition to the hazards / risks associated with the types of work detailed on this drawing, note the following:
<b>CONSTRUCTION</b>
<b>MAINTENANCE / CLEANING</b>
<b>DECOMMISSIONING / DEMOLITION</b>
It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement.
NOTES: 1. Do not scale from this drawing. 2. The drawing is to be read in conjunction with all relevant Architect's and Consultant's drawings, schedules and specifications.
  <ul style="list-style-type: none"> <li> Ownership boundary</li> <li> Application boundary</li> <li> Grass</li> <li> Herbaceous border</li> <li> Hedges and shrubs</li> <li> Permeable paving</li> <li> Block paving</li> <li> Stone paving bands</li> <li> Tarmac pavement</li> <li> Existing trees</li> <li> Proposed trees</li> <li> Removed trees</li> <li> Fixed seating</li> </ul>

PI#	30.10.20	Issued for Planning	OE	PI3
rev	date	Notes	Drawn	Grid

# DESIGNENGINE

ARCHITECTS

client ref	1813 Berkhamsstead Sixth	issue ref	October 2020	issue date	1:100 to A1 2:000 to A3
client	Berkhamsstead School	drawing title	External Landscape Proposals		

PROJECT	1813-P046	P1
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## 14.0 Summary

This Design and Access statement supports the proposed application in documenting and demonstrating the extensive workings that have been undertaken to inform the progression of the design for the new Sixth form building.

The School and its Design Team have adopted an open approach to reviewing the comments received from Dacorum and other consultees during the pre-application period. Consequently due regard has been given to retaining the mock-Tudor building in the overall site layout. During the process the School has undertaken a fundamental review and reduction of its design brief for the project, in response to the massing considerations raised. Subsequently additional design work has developed the proposed solution which presents a much reduced scale and mass of the new building. This proposal aims to achieve the following outcomes:

- Meeting the design brief for building specification in terms of internal uses, layout and function;
- Achieving an exceptional new build design that provides an inspirational presence to the street scene and positive enhancement of the public realm.
- Retention and enhancement of the most valuable heritage assets (as defined by Dacorum).
- Achieving wider benefits to the public realm and setting of the highest grade listed buildings and heritage assets.

We believe that the proposed scheme possesses an articulation and architecture that will be both contemporary and sympathetic to the existing context, allowing the new building to both integrate with, and enhance, the public realm, the existing heritage context and the wider conservation area.





