

6.0 | Project Development

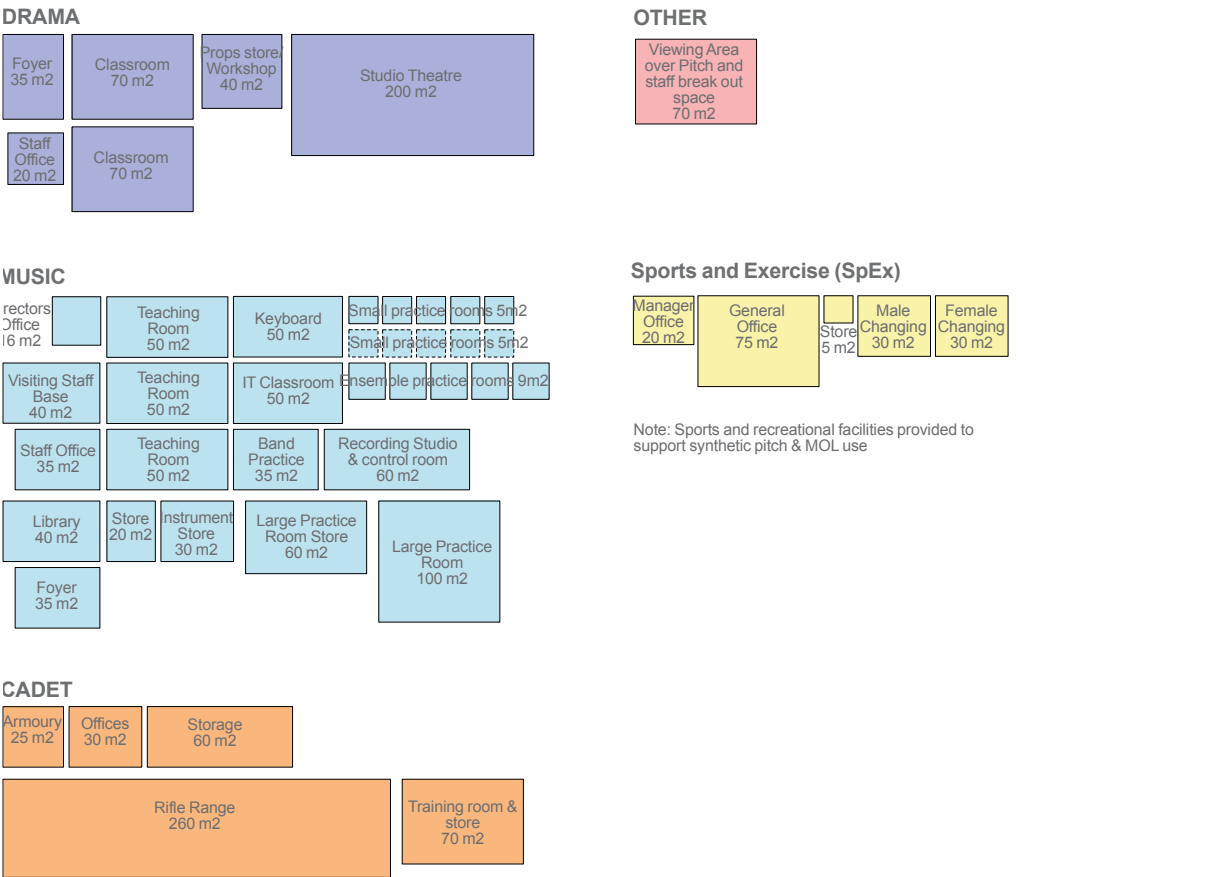
6.2 | Richards Music Centre Proposal 1 (RMC1) - 2016

Following the schools extensive review of alternative locations for some of the Dyne House site functions a brief was developed for a new use for the Richards Music Centre. The 2016 brief included the following accommodation:

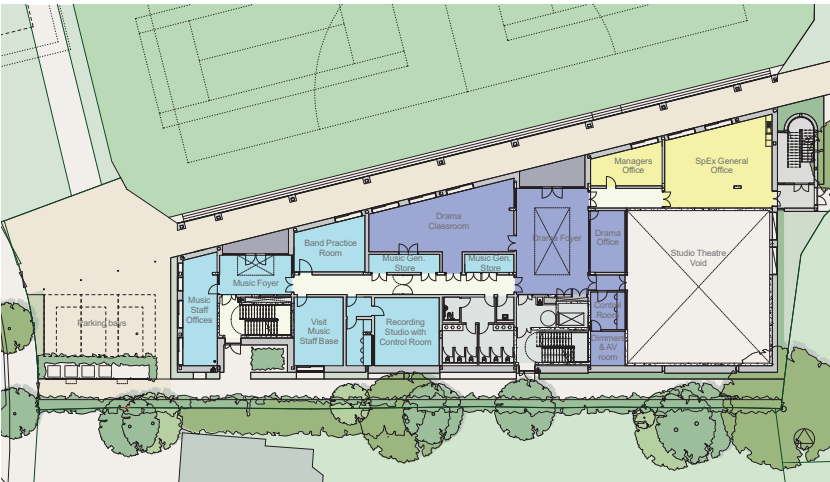
- Music Department
- Drama Department
- SpEx Department
- Cadet Department

The proposed scheme was a two-storey building with a single-storey basement which was in keeping with the height of the neighbouring buildings. The roof articulated the proposed building with four small mono-pitched roofs, separated by lower flat sections.

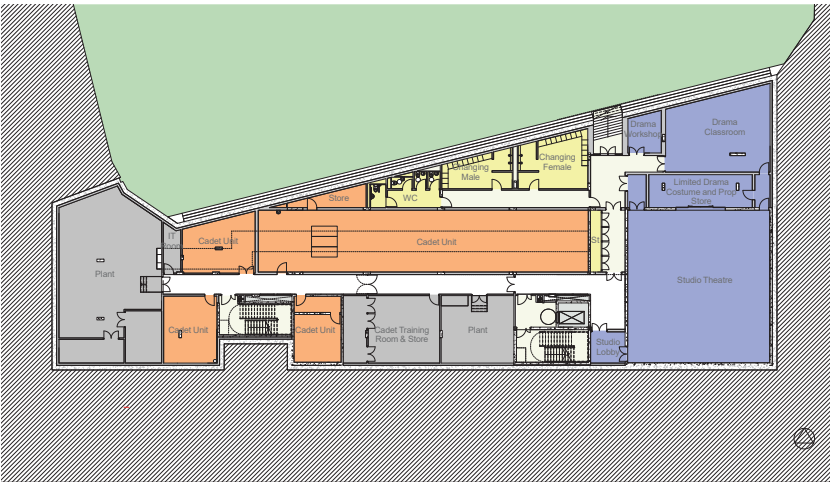
In December 2016 a public consultation was carried out by the School. Following a review of the comments the academic and planning brief was revised, the following Design Concept pages explain the changes and new approach to the brief.



Proposed First Floor Plan



Proposed Ground Floor Plan



Proposed Basement Plan

7.0 | Design Concepts

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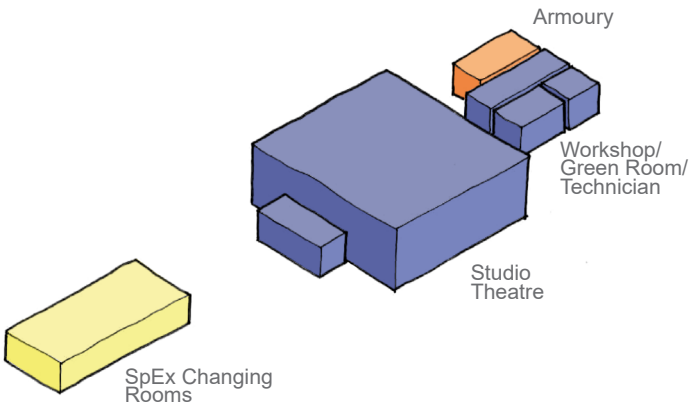
7.1 | Brief

The updated 2018 academic brief includes the following elements:

- Drama Department
- Sports and Exercise Department (SpEx)
- Other facilities, including viewing area over the synthetic pitch, stores, circulation and plant room

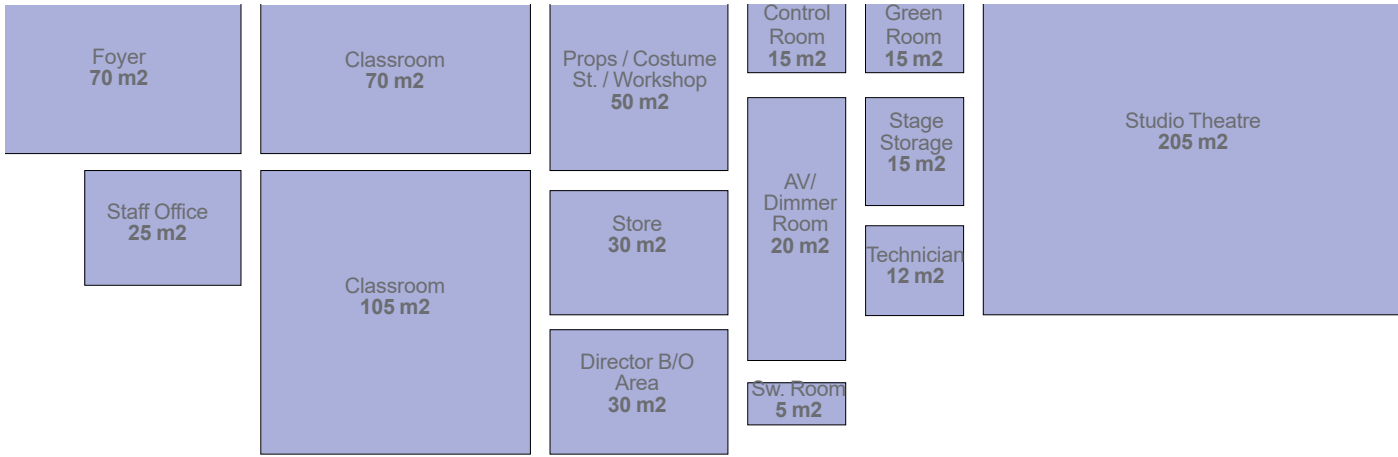
The planning brief that Hopkins were required to work to includes the following:

- Minimise the intrusion into the MOL with a minimum 6 metre access path between the north elevation wall of the building and the synthetic pitch
- Retain the line of trees on the east boundary and to keep the building as far as possible from the houses in Highgate Close
- The west elevation wall of the building is to be located no nearer to the Bishopswood Road than the existing building.
- Reduce the vertical mass of the building as far as possible. The first floor area should be kept to a minimum with the highest part of the roof no higher than the existing ridge line

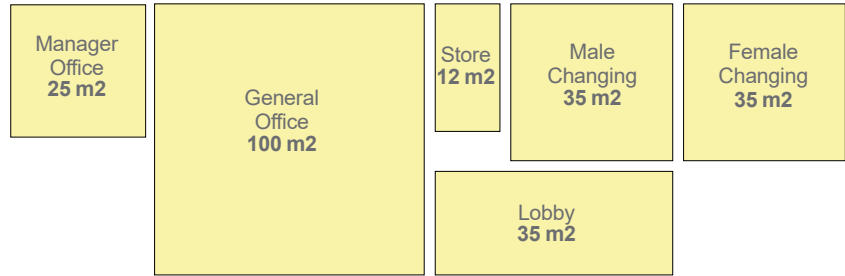


1. Basement Floor Principal Spaces Axonometric Sketch

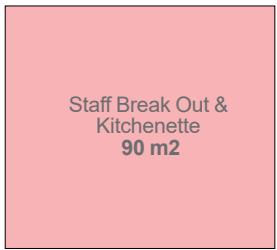
Drama



Sports and Exercise (SpEx)



Other



Cadet



2. Principal Building Spaces Diagram

7.0 | Design Concepts

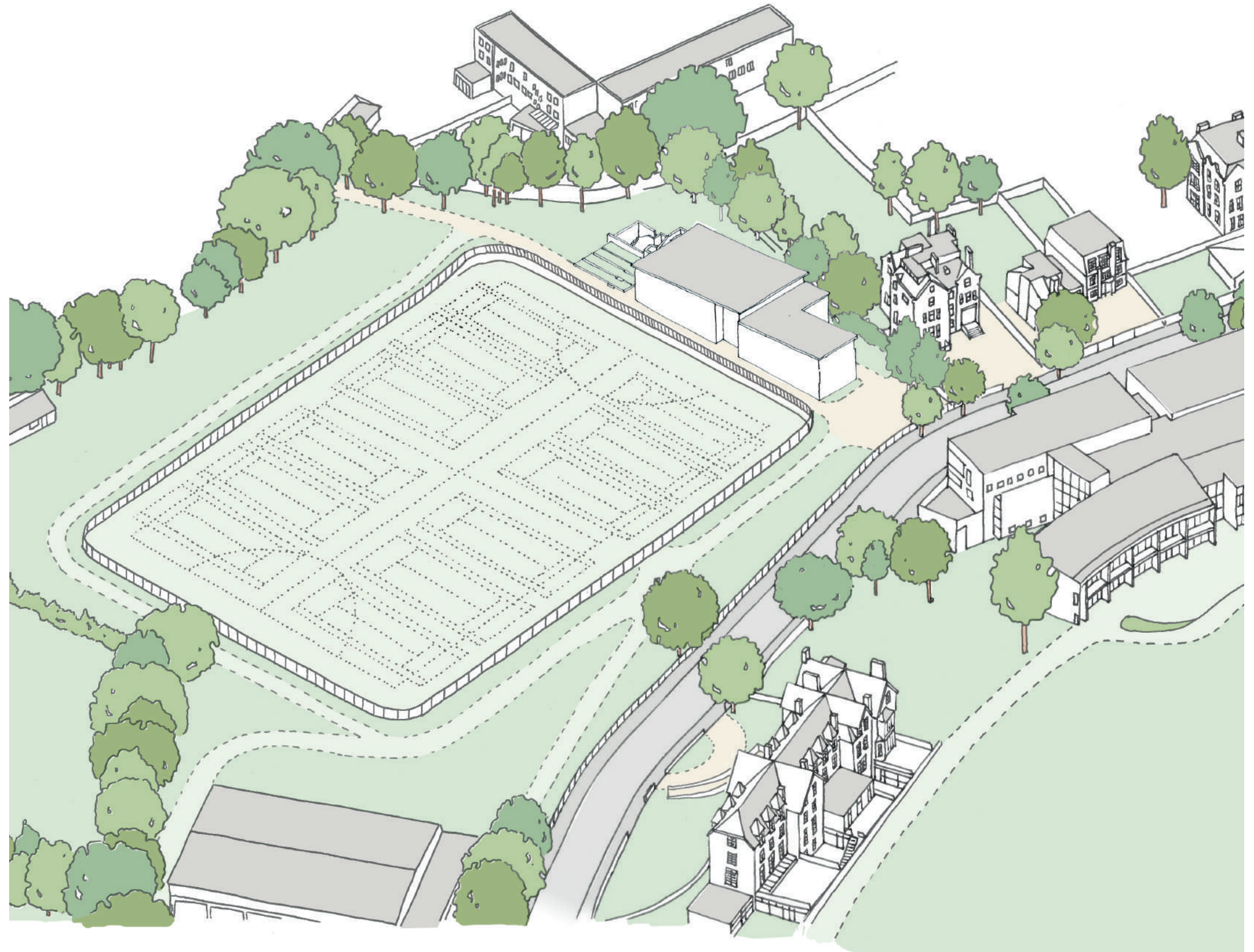
7.2 | Building Massing Response

The building massing of the proposal has been established by the varying scales of the academic functions and the height of the surrounding residential buildings.

Following feedback on the RMC1 scheme the following design changes have been made:

- Shifted and rotated building mass from the boundary
- Lowered the roofscape from the original scheme
- Introduce a foyer at the centre of the building to reduce the massing of the scheme into two component pavilions, with classrooms and offices at the Ground and First Floor levels.

The building's smaller footprint and revised location mean that there is no impact on the existing trees, all of which can now be retained which can offer screening to the immediate residential buildings.



7.0 | Design Concepts
7.3 | Concept Sections & Plans

1. North-South Concept Section

For ease of use by both sports teams and SpEx staff, direct access is provided to the synthetic pitch from the basement changing rooms. Spectating points to the synthetic pitch are provided from the viewing gallery at podium level that includes bench seating set within the north-facing facade bays. Windows and full height glazing along the length of the north facade provide views out at both ground and first floor levels. The width of the podium area is set to allow maintenance and emergency vehicle access, but is primarily for pedestrian use.

2. East-West Concept Section

The drama department constitutes the largest area within the brief, and is a key driver of the design. As drama classrooms occupy the majority of the first floor, the 2 storey studio theatre has been partly sunk into the ground, minimising the overall massing, as shown in the adjacent concept section. A sunken garden at the east end allows light and ventilation into the associated workshop and Technician spaces, and provides a secondary emergency escape route. The changing rooms are located to the west with direct access to the sports pitch and the podium area; the corner location creates minimal intrusion onto the playing / run-off zones and allow the changing facilities to be used independently from the rest of the building (i.e. out of regular School hours). Staff offices and breakout are located on the two floors above the changing rooms, with views north over the pitch.

3. Principal Spaces - Basement

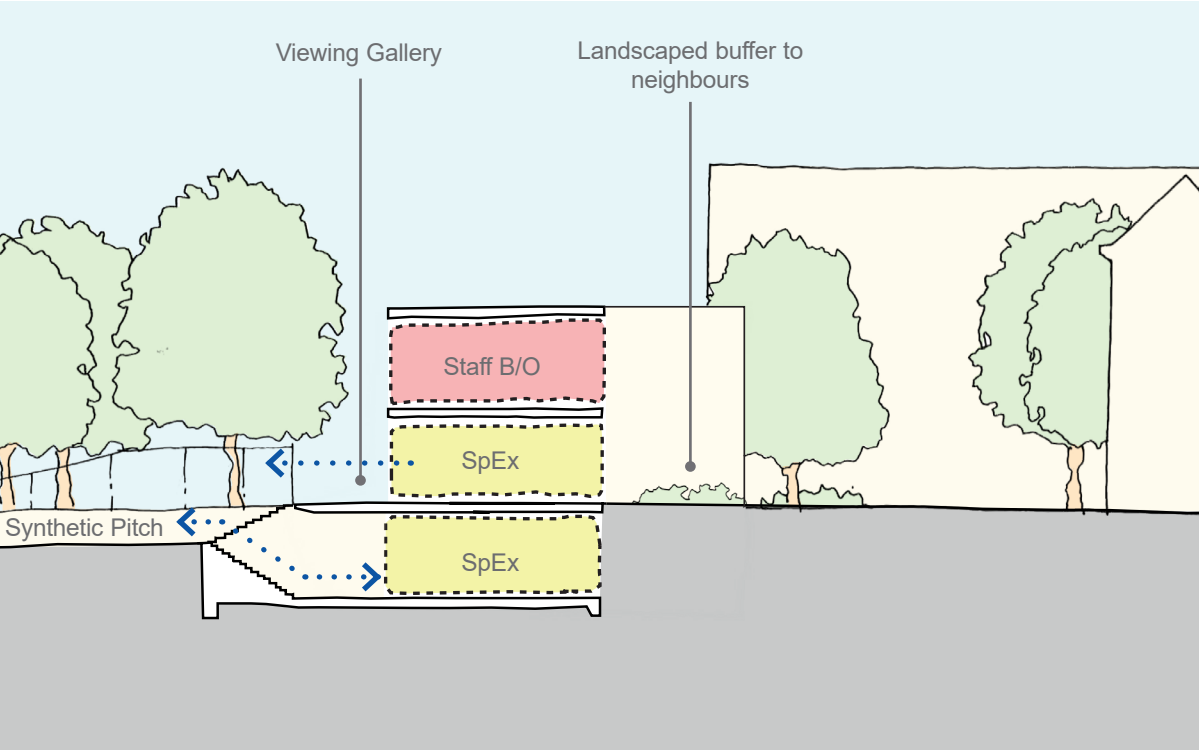
The basement has three main functions: the Studio Theatre and associated supporting spaces, SpEx changing facilities and a mechanical plant room. The underground location will aid the acoustic dampening of the Studio Theatre and the mechanical plant.

4. Principal Spaces - Ground Floor

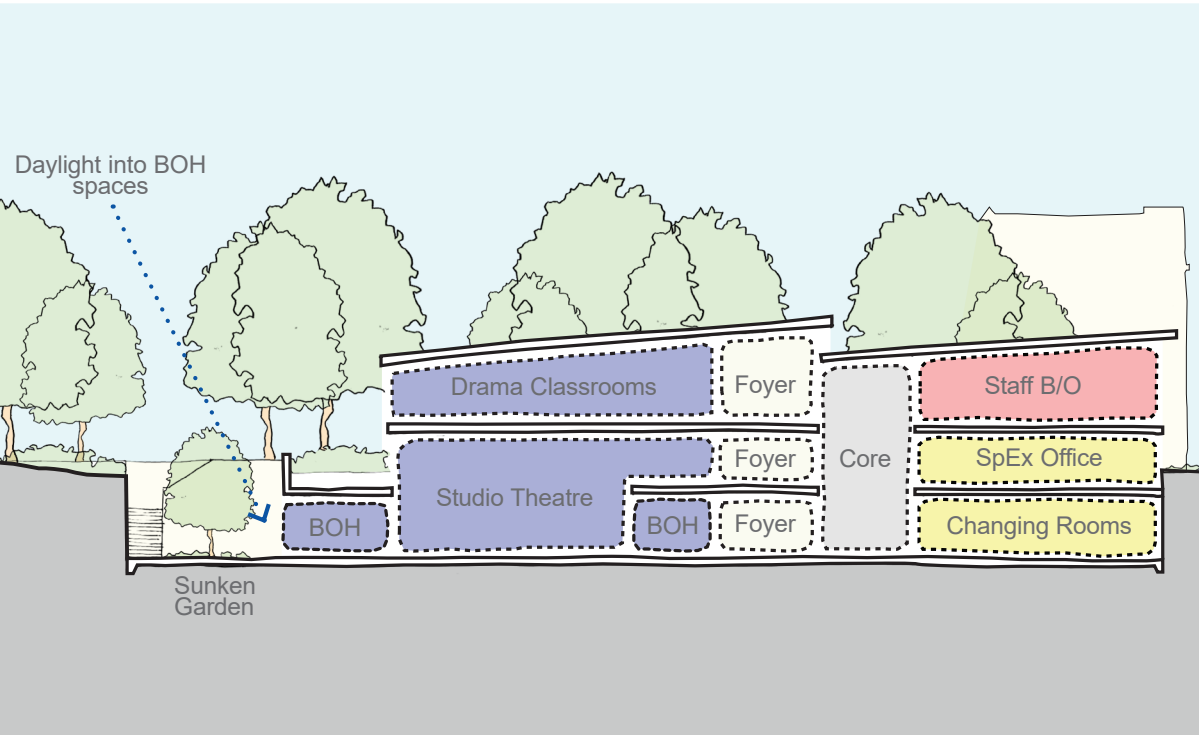
At ground / podium level the building is set back from the sports pitch to maintain the School's existing access route to eastern part of the site. There is a single, clearly defined entrance into the central foyer and circulation route. The existing building line at the rear has been maintained, protecting the amenity of neighbouring gardens.

5. Principal Spaces - First Floor

The active drama classrooms are located on the north side of the building with a circulation corridor to the south side, provide a visual and acoustic buffer to the neighboring properties. The staff breakout space & kitchenette provides a communal facility for social activities, meetings or functions with a high vantage point over the synthetic pitch allowing additional secondary supervision of the wider site.



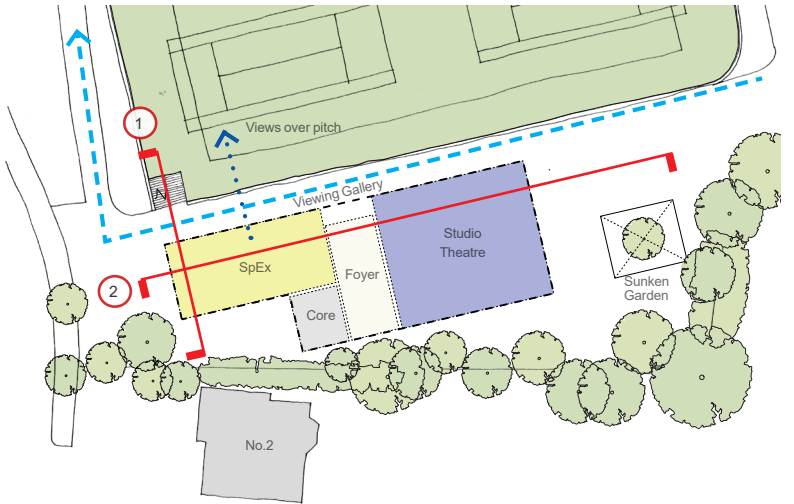
1. North - South Concept Section



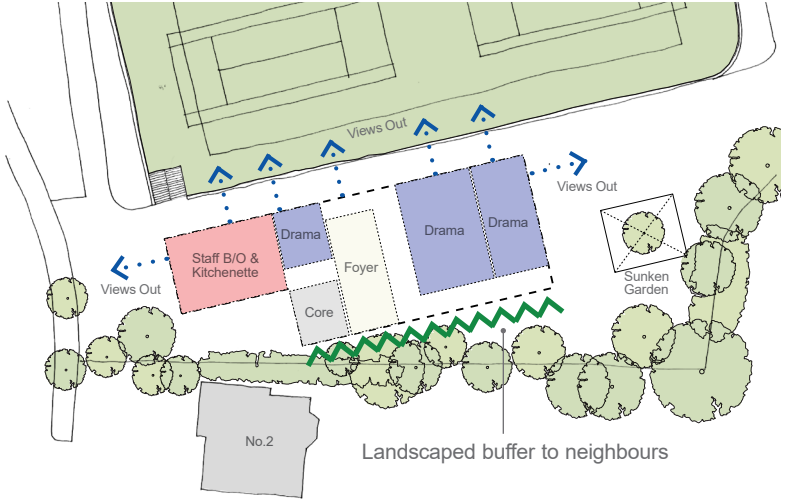
2. East - West Concept Section



3. Principal Spaces - Basement



4. Principal Spaces - Ground Floor



5. Principal Spaces - First Floor

8.0 | The Design Proposal

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8.1 | Executive Summary

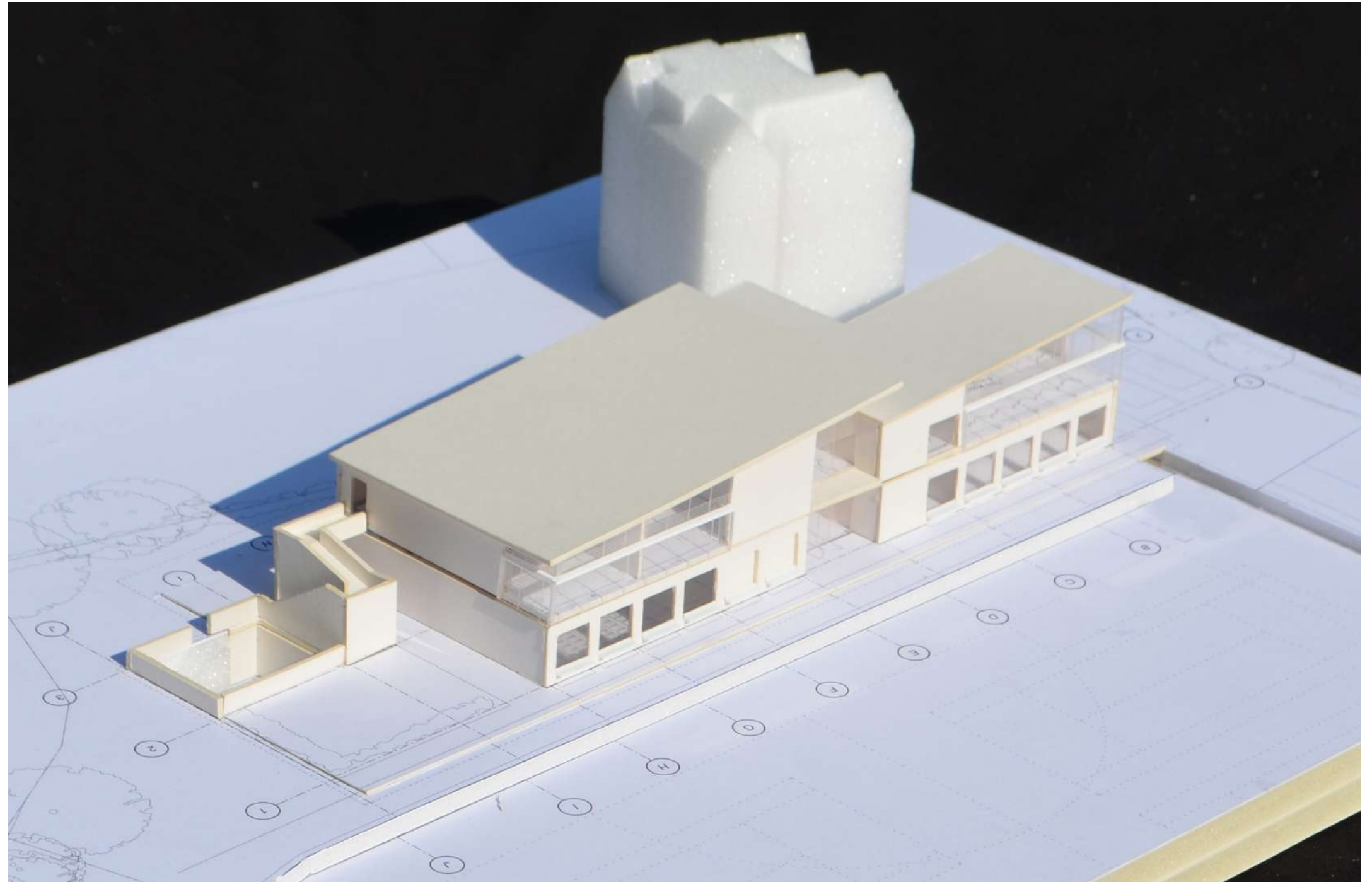
The proposal seeks to:

- Create a fully accessible facility with modern teaching spaces, studio theatre and support facilities for the Senior School Drama departments, as well as permanent facilities for the Sport and Exercise Department.
- Enhance the current facilities to meet the School's ambitions both for teaching and for theatrical productions for the Drama department.
- Develop a scheme that minimises the intrusion into the MOL.
- Improve the existing poor quality landscaping, providing visual and ecological benefits to the conservation area.

Key elements of the proposal are:

- Twin mono-pitch roof profile reflects the functions of the Drama and SpEx departments below.
- Large bay windows on the north facade break-down the building mass and allow plentiful light into the interior spaces, wrapping around the western and eastern corners to provide dual aspects over the side approaches. Light and ventilation to the south facade is provided via clerestory windows to prevent overlooking into neighbouring gardens.
- A clear relationship to the synthetic pitch is created with external bench seating, a viewing balcony and full height glazing into the upper foyer providing a series of spectating points.
- Careful consideration of the streetscape and relationship to MOL achieved through high quality landscaping. Planting and preservation of existing trees at the southern boundary increase privacy to neighbouring gardens and aid biodiversity on site.
- An open gap has been introduced between the east escape stair and the main building to allow visual connection through to the southern landscaping, and shorten the perceived overall length of the building.

The scheme has very good environmental credentials which are further explained in AECOM's Sustainability Statement and Energy Strategy.

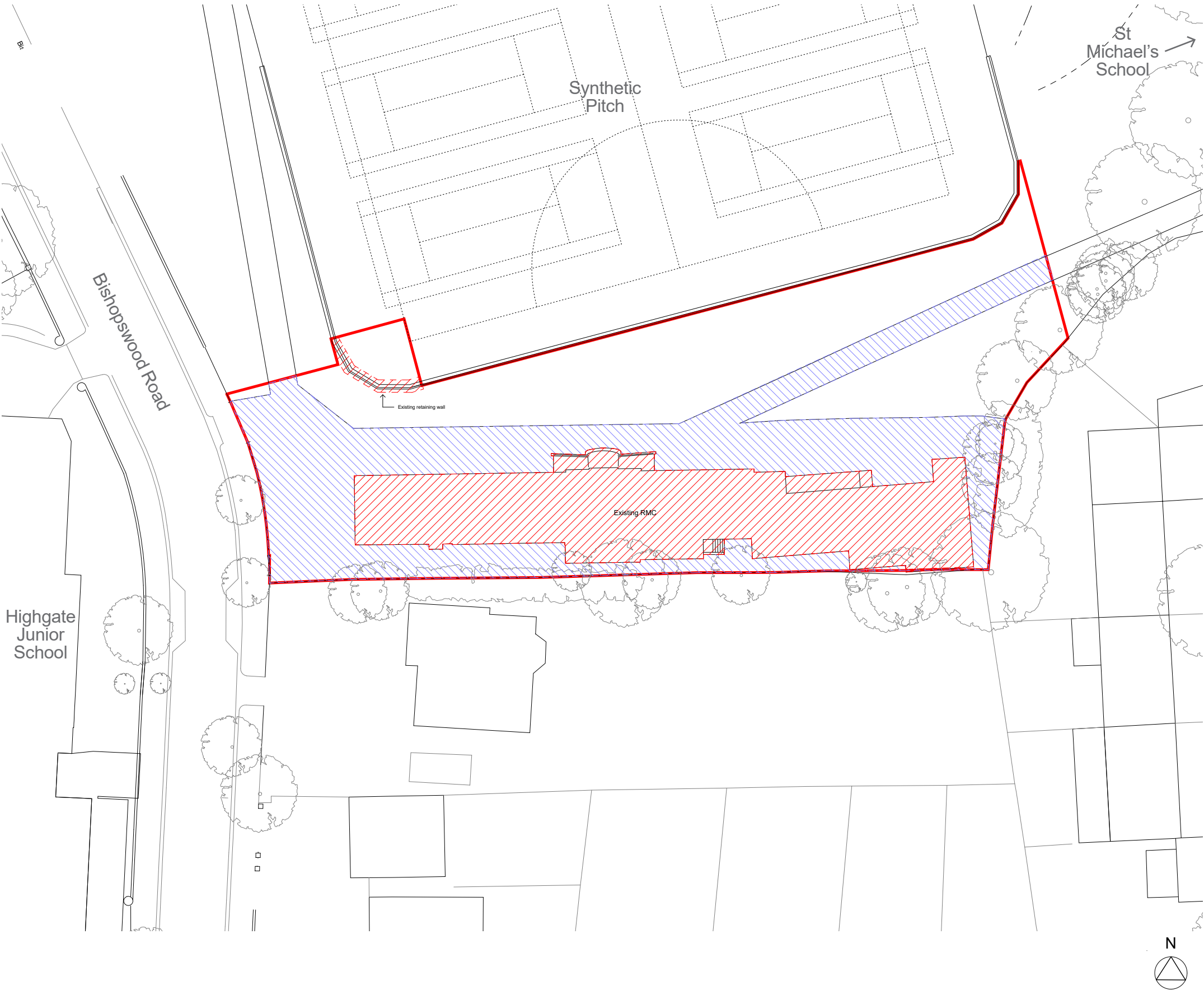


8.0 | The Design Proposal

8.2 | Demolition Plan

The drawing to the right indicates the existing built items to be demolished to facilitate the proposal. These include:

- The existing Richards Music Centre
- Part of the southern retaining wall to the synthetic pitch
- Hard landscaping (asphalt surfacing)



Key:

 Planned Demolition

 Removal of Hardstanding Areas

 Site Boundary



Key:
— Site Boundary

