

## 17 Strategies and schedules

### Area Plans/Height plan

The site plan opposite shows the number of storeys and building heights for both the proposed and retained buildings on the site.



#### BUILDING SCHEDULE FLOOR AREA GIA (SQM)

	Existing GIA Retained	New Build GIA	Proposed Total GIA
Kneller Hall	3928.1	221.8	4114.5
Guards House	465.5	0	465.5
Band Practice Hall	230.7	129.3	366.0
Teaching Block	0	5069.0	5069.0
Sports Centre	0	2977.2	2977.2
Sports Pavilion	0	305.4	305.4
Energy Centre	313.8	109.6	413.4
Storage Hut	45.7	0	45.7
<b>Total</b>		<b>8812.4</b>	<b>13756.0</b>

#### STOREYS & GROSS INTERNAL AREAS - SUMMARY (SQM)

	Existing Footprint	Proposed Footprint	Demolished Footprint	Existing GIA*	Proposed GIA	Demolished GIA
Whole site	4550	7194	3031	9811.2	13756	4862.8
In MOL	1149	538	977	1031.7	484	905.1

\*GIA for existing buildings assumption calculated 90% GEA

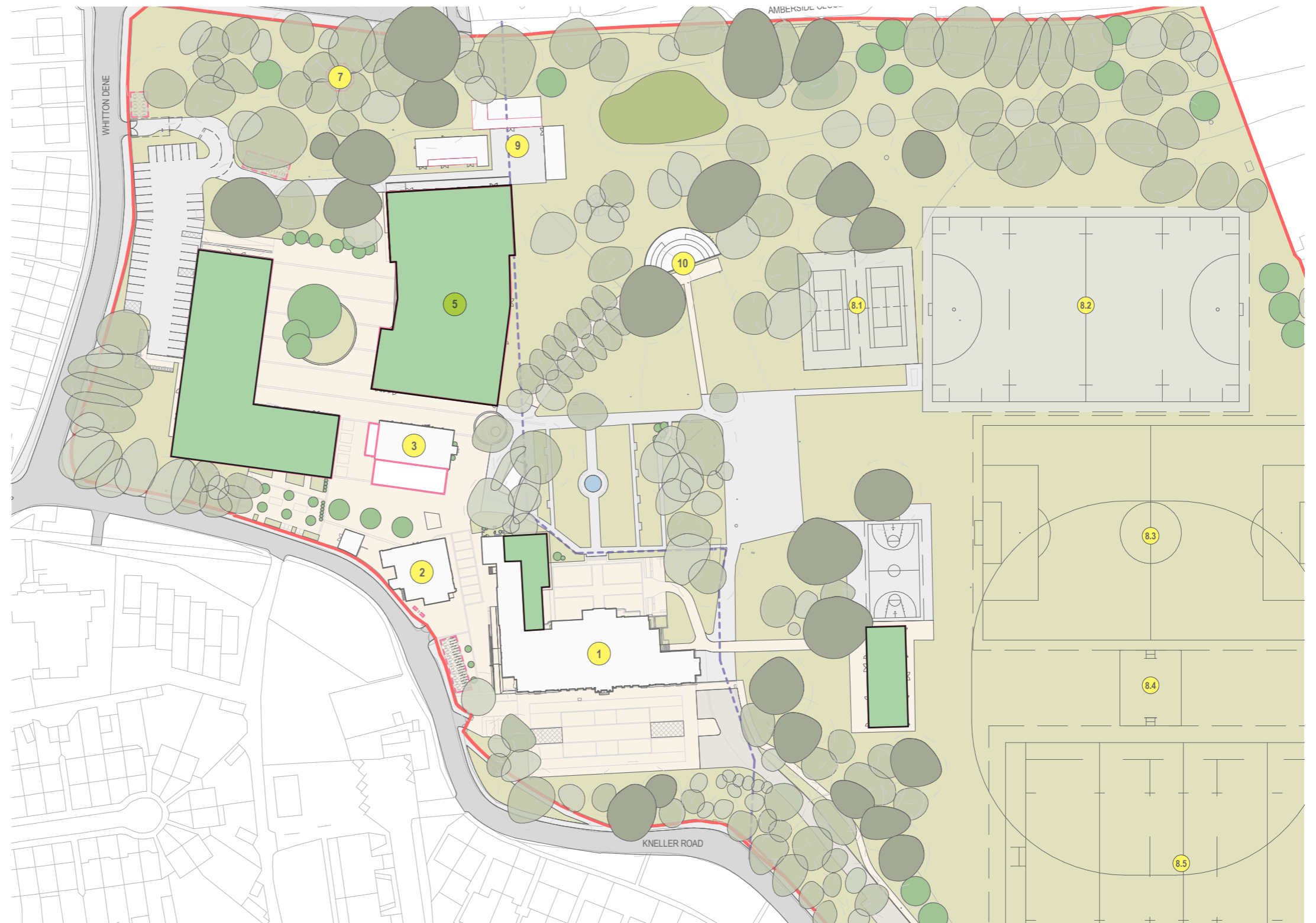
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### Green Roof Strategy

**Across the site the proposed new buildings, the teaching building, sports centre and sports pavilion, and the extension to Kneller Hall will have green roofs.**

There will be 2938 sqm of green roof over the whole site covering 70.02% of the proposed new build roof area of 4196 sqm.

This will add to the biodiversity of the site, more detail of this is found in the associated landscape design and access statement.



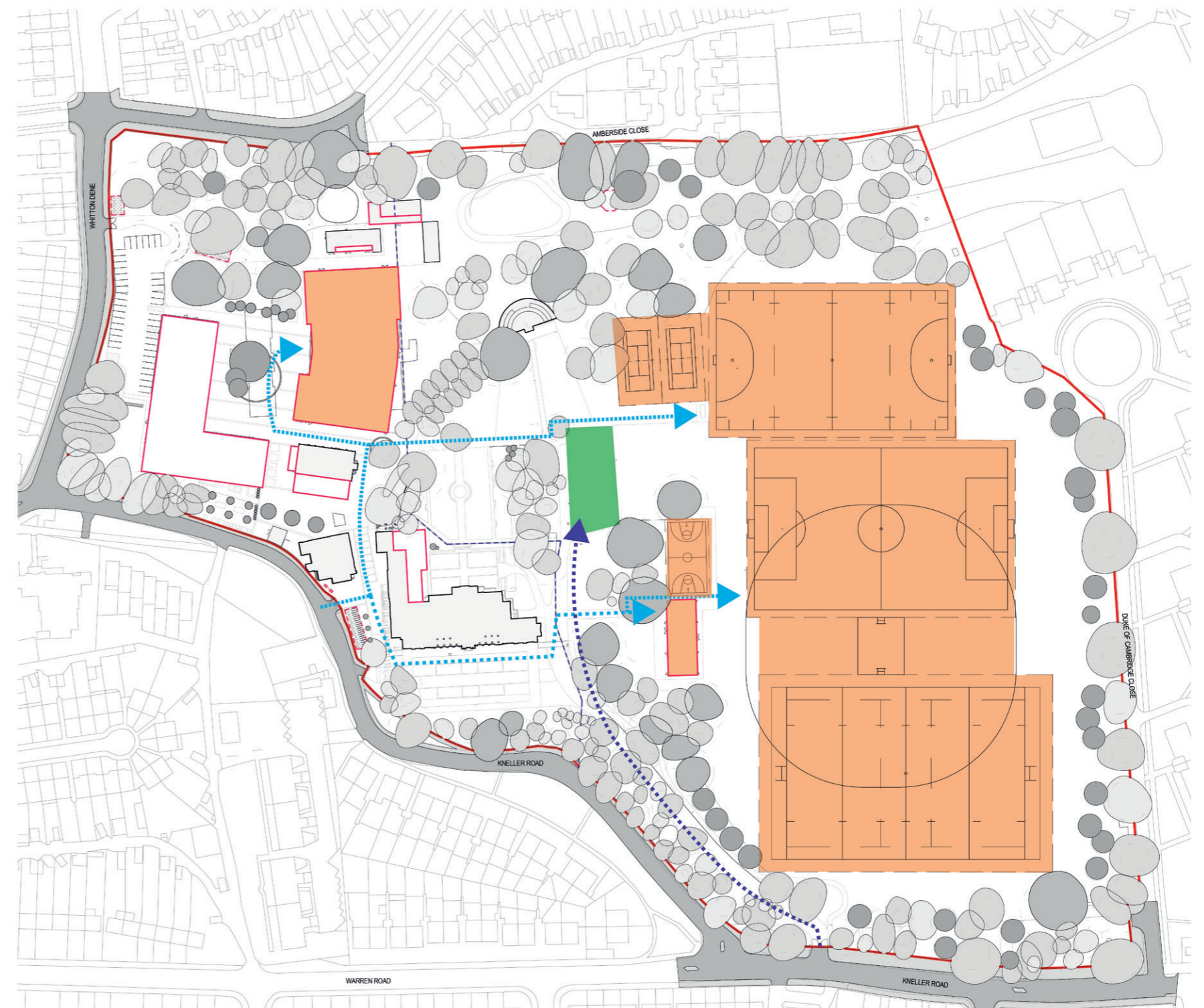
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### Community Use

Dukes Education is keen to have community access to the site outside of school hours. This community use can be divided into two groups; regular use of sports facilities and occasional use for events.

#### Future community use would include:

- + Sports club use of:
  - Outdoor Grassed Pitches: Rugby and Football
  - Astroturf Pitch
  - Two Tennis Courts
  - Basketball and Netball Court
  - Sports Pavilion with Changing Rooms, Club Room, Storage and Toilets
  - Cricket Pitch, in the Summer
  - Indoor Swimming Pool
  - Four Court Sports Hall with Changing Facilities
- + Local Schools Access to Forest School
- + Access to the Chapel as Part of the Open House Festival
- + Opportunity to Hire the School Hall
- + Invitations to Local Residents to Concerts, Plays and other events








- Key
- Community use Parking
  - Facilities available for community use
  - Community access routes
  - Vehicle access route

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### Security

The principle of the site security is based a secure line to the site boundary utilising the existing listed perimeter wall used by the Royal Military School of Music. Two main entrances and a third entrance only for staff and deliveries reduces the number of access point which will need to be over seen. A second line of security win be based on each building with fob access into buildings based on student and staff cards.

- Key
-  Main secure line based on boundary wall and fencing
  -  Secondary security line - Fob controlled access to buildings
  -  Staff & delivery vehicle entrance point
  -  Parent & visitor vehicle entrance
  -  Pupils & general public entrance point

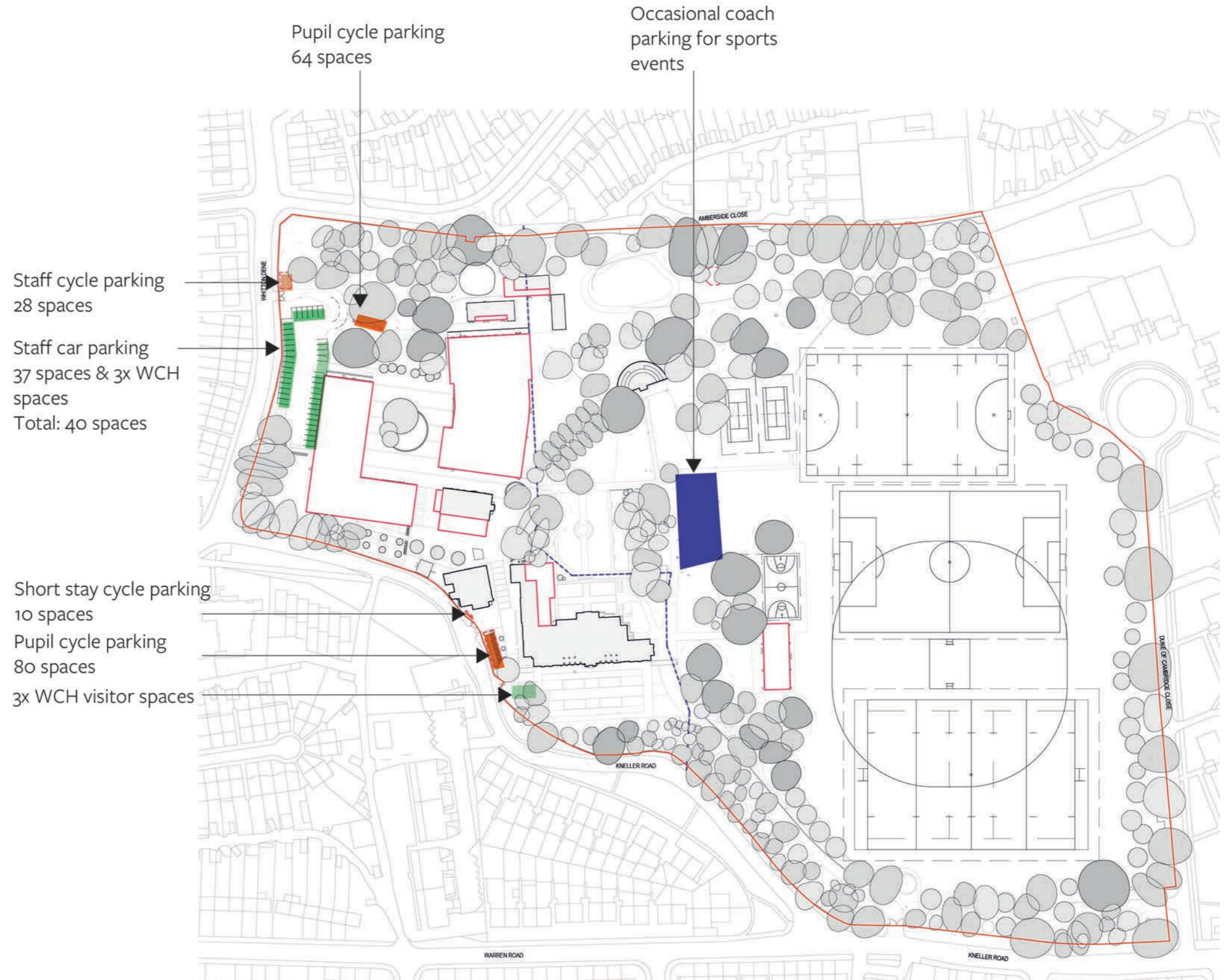


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### Parking Strategy

Parking on site will be managed with 40 staff spaces, including 3 WCH user parking spaces, accessed off Whitton Dene. 3 further WCH user visitor spaces are proposed to the side of the parade ground within easy distance of the main entrance to Kneller Hall building.

Cycle use will be promoted for both students and staff with 144 spaces in two bike store available for students and a further 28 for staff housed in a separate store. 5 Sheffield stands will provide 10 visitor cycle parking space.



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### Waste Strategy

On site waste will be collected via an external private waste collection service. To reduce traffic movements across the site waste generated on site will be collected in two bin stores on close to the kitchen which will generate a large proportion of the on site waste as well as a second within the energy centre and maintenance compound to the north of the site. Both locations are accessible via refuse truck via the Whitton Dene access without the truck crossing the centre of the site.

The capacity of the bin stores across the site is based on the LBoRuT refuse guidance which sets out a requirement for 2.6 cubic metres of waste storage should be provided for every 1,000m<sup>2</sup> gross floor space. For this proposal that equates to 33.2774 cubic metres or 33277 litres.

**Total bin store capacity = 18+13 Eurobins (1100L each)**

**= 31x1100L**

**= 34100L** (of which 17600L is reserved for recycling)

This exceeds the required capacity set out in the Local plan.

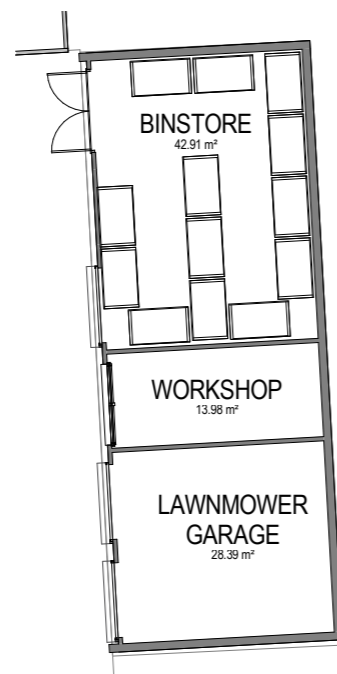
Key  
 Bin collection route

Secondary bin store: Capacity 13 x 1100L Eurobins

Main bin store: capacity 18 x 1100 L Eurobins



Floorplan of main bin store, nts



Floorplan of secondary bin store, nts



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### Schedule of Accommodation

Pupil Numbers: 1000 total (8FE)

Accommodation				Notes	Location of proposed accommodation	
	No.	≈ Area (m2)	Total (m2)		Listed buildings	New Buildings
<b>Basic Teaching Area</b>						
<b>General Teaching Spaces</b>						
General Classroom	22	53	1163	General classrooms located in new teaching block to allow area guidelines to be followed	Kneller (7 no.)	New teaching block (15 no.)
General Classroom (6th form)	10	Varies	323		Kneller	
Seminar Room	3	Varies	100		Kneller (2 no.)	New teaching block (1 no.)
<b>ICT / Business Studies</b>						
ICT	4	74	293			New teaching block
<b>Practical Learning Spaces / Science</b>						
Science Laboratory	8	80-100	685			New teaching block
<b>Art</b>						
General Art Room	3	100	295	Art preferred on top floor	Kneller	
<b>Music &amp; Drama</b>						
Music Classroom	3	35-77	150	Includes digital music & recording. Drama studio / Performance space	Guards House Band Practice Hall	
Drama Studio	1	227	227			
<b>Design &amp; Technology</b>						
DT	4	80-100	341	Ground floor		New teaching block
<b>TOTAL Basic Teaching Area</b>			<b>3577</b>			

Accommodation				Notes	Listed buildings	New Buildings
<b>Halls / Dining / PE Zone</b>						
Main Hall	1			Provided within Band Practice Hall (Drama) Retractable seating included	Band Practice Hall	
Chapel	1	90	90	Existing - FF of Kneller	Kneller	
Knellerup' Lecture Theatre	1	103	103	Existing - GF of Kneller	Kneller	
School Sports Hall (4-court)	1	700	700	Retractable seating included		New sports building
Activity Studio	1	122	122	First floor level of Sports building		New sports building
Fitness Studio	1	100	100	First floor level of Sports building		New sports building
Swimming pool	1	545	545			New sports building
Cricket pavilion	1	292	292	4 no. changing rooms for external pitches - student & community use		New pavilion
<b>Dining &amp; Social Areas</b>						
Dining Area	1	462	462	3 sittings		New teaching block
Social Space (6th form)	1	70	70		Kneller	
Café	1	58	58	Staff, students & visitors	Kneller	
Bar / Flexible space	1	60	60	Staff, students & visitors	Band Practice Hall	
<b>TOTAL Halls / Dining / PE Zone</b>			<b>2602</b>			
<b>Learning Resource Areas</b>						
<b>Learning Resource Areas</b>						
Library Resource Center	1	190	190		Kneller	
Study Area (6th form)	2	Varies	55		Kneller	
Break-out space	2	Varies	135			New teaching block
<b>Creative Arts</b>						
Music Practice / Group Rooms	7	10	72	Sound proofing reqs TBC	Guards House	
Control Room (recording)	2	13	26	Sound proofing reqs TBC	Guards House	
Green room (Drama)	3	10	30		Band Practice Hall	
<b>SEN &amp; Support spaces</b>						
Learning support	1	24	24		Kneller	
Pastoral office	1	80	80			New teaching block
<b>TOTAL Learning Resource Areas</b>			<b>612</b>			



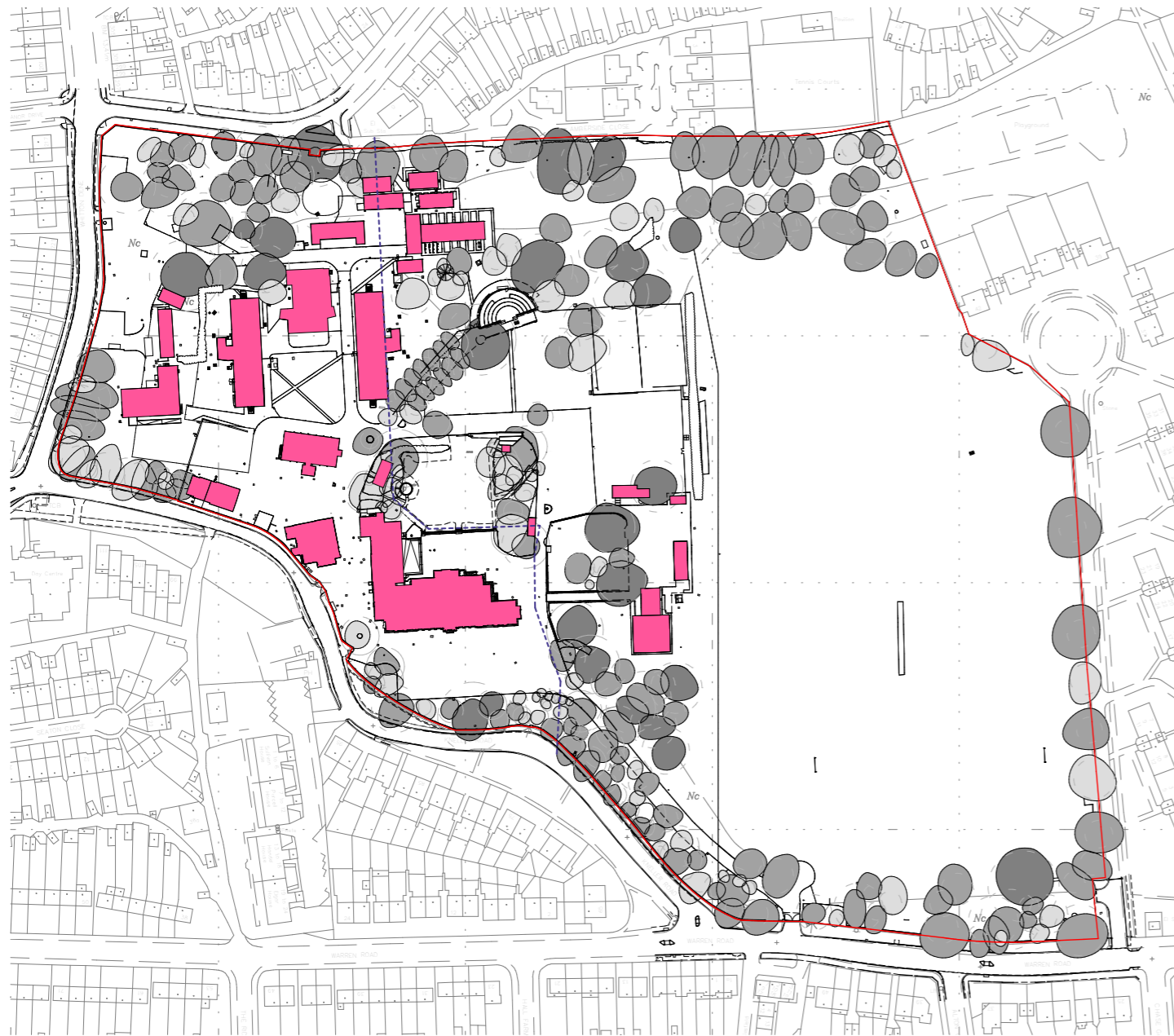
Accommodation				Notes	Listed buildings	New Buildings
<b>Staff &amp; Administration Zone</b>						
<b>Staff &amp; Administration Areas</b>						
Staff Work Room	3	Varies	95		Kneller	
Staff Room (social)	2	Varies	129			New teaching block
Conference / Meeting Room	1	32	32		Kneller	
<b>Admin Suite</b>						
Head's Office (meeting room)	1	36	36		Kneller	
Admin Office	1	42	42		Kneller	
Formal entrance hall	1	72	72	Existing - GF of Kneller	Kneller	
Sick bay / Nurse / First Aid	3	7-14	31		Guards House	
<b>Offices</b>						
Meeting room	1	32	32		Kneller	
Security offices	3	15	47		Guards House	
Staff offices	3	15	104			
<b>TOTAL Staff &amp; Administration Zone</b>			<b>620</b>			
<b>Storage Zone</b>						
<b>Teaching Storage</b>						
General Teaching Store	3	Varies	32			
Science Prep Room & Chemical Store	2	45	91			
Multi-materials Store / Prep Room	1	41	41			
PE Stores (sports hall)	4	Varies	144			
<b>Non-teaching Storage</b>						
Retractable seating (Sports hall)	1	30	30			
Dining store (chairs)	1	28	28			
Cleaner's Store			10			
<b>TOTAL Storage Zone</b>			<b>376</b>			

Accommodation				Notes	Listed buildings	New Buildings
<b>Non-net Area</b>						
<b>Kitchen</b>						
Kitchen, prep & stores etc	1	189	189			New teaching block
Servery	1	80	80			New teaching block
<b>Toilets (and personal care)</b>						
Sports Hall / Pool Changing & WCs	7		416			New sports building Pavilion
Sports Pavilion Changing & WCs				Included above		
WCs & DWCs			320	Staff, Pupils, Visitors, DWCs		
<b>Plant</b>						
Plant & risers			194			Energy Centre
Energy Centre			157			
<b>Circulation</b>						
Corridors, stairs & lifts			2085			
Internal partitions (Nom 5%)			550	Approx.		
<b>TOTAL Non-net Area</b>			<b>3991</b>			
<b>SUM TOTAL</b>			<b>11778</b>			



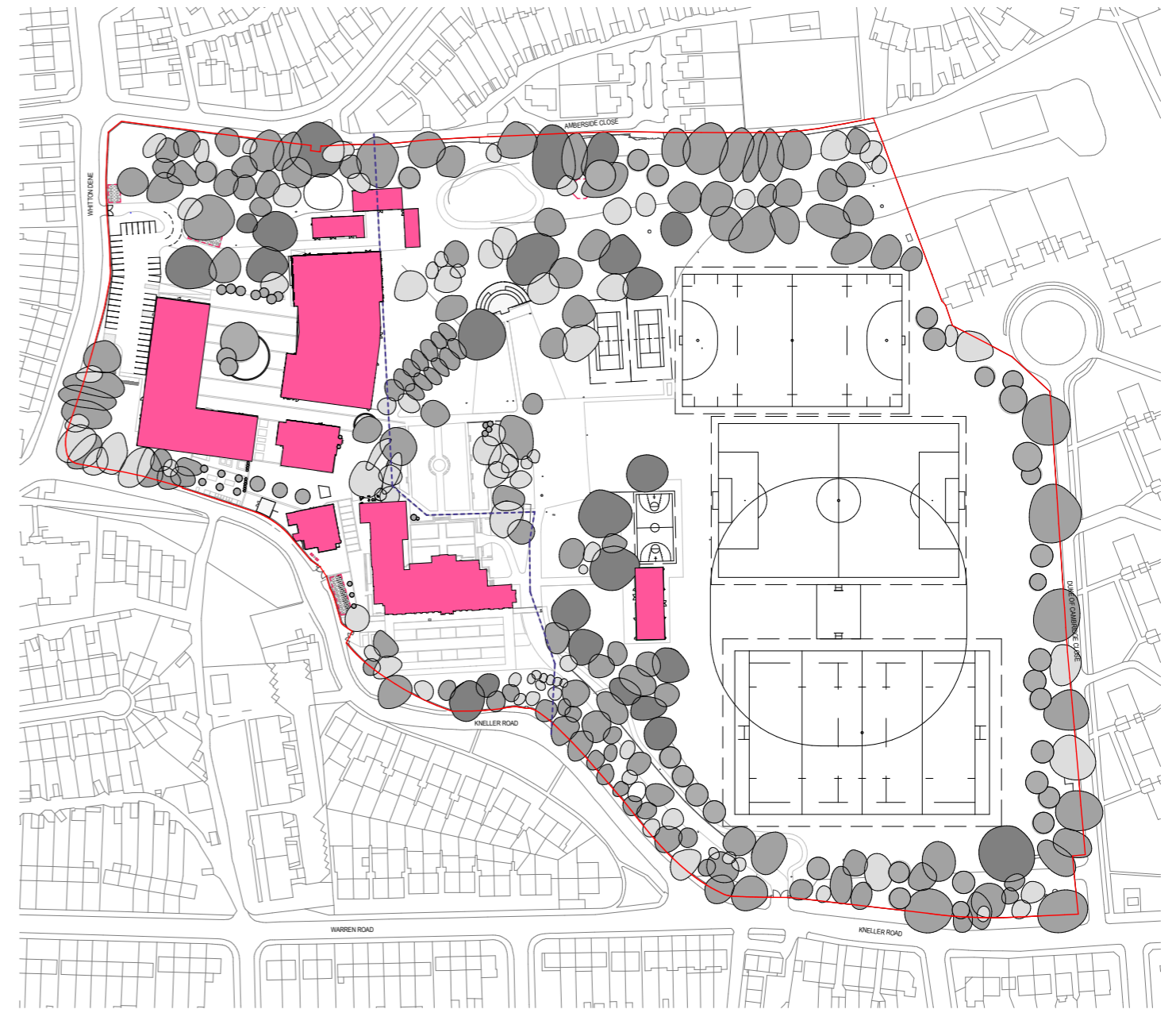
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Existing and Proposed Floorspace figures by Use Class



**FLOORSPACE BY USE CLASS (EXISTING)**

UseClass	GIA (m <sup>2</sup> )*
C2	9811.19
F1	0



**FLOORSPACE BY USE CLASS (PROPOSED)**

UseClass	GIA (m <sup>2</sup> )*
C2	0
F1	13756.58

\*GIA for existing buildings assumption calculated 90% GEA