

Existing Landscape

All existing landscape feature and habitats have been retained on the site where possible.

Habitats

A range of existing and proposed soft habitat types contribute to an increased site biodiversity. Existing habitats include lawn and shrub planting to the north of the site. These have been supported by new habitats including ornamental shade planting beds, rain gardens and standard and multi-stem tree planting.

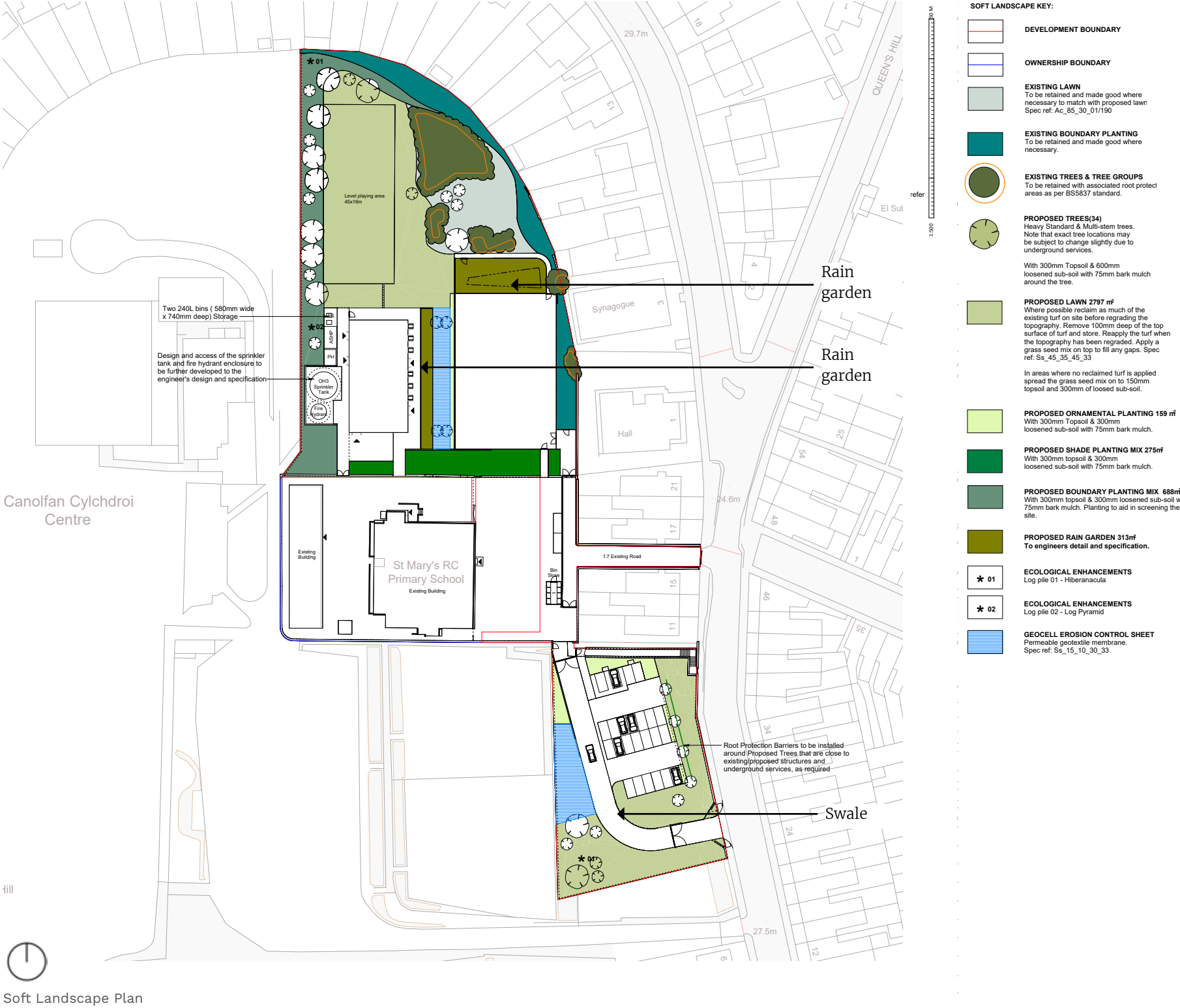
A range of habitat types will aid in supporting a wider range of local wildlife. Additionally, the range of habitats can support children’s learning of the natural world.

SuDS (Sustainable Urban Drainage Systems)

As part of the SAB application required for the planning application, rain gardens have been incorporated into the site in order to aid surface water run off and prevent localised flooding. This is particularly important for this site with steep topography in places. Proposed rain gardens are located North of the MUGA and to the West of the dining hall. Further to this, permeable surfacing has been used in the car park along with a swale down the new access road.

Management

The sites soft landscape requires low maintenance. The herbaceous planting on site will require annual pruning along with regular mowing of the lawned areas.



05 Proposed Landscape
Parking Provision



Planning approved masterplan vehicle parking

Car parking numbers on the previous design development plans appear to be conflicting. The D&A (planning application 18/0531) produced by WPM in February 2018 states there are 26 spaces, as shown in the extract below:

The proposed scheme for improvements at St. Mary’s Roman Catholic Primary School includes the following:

- + Provision of a new canteen, building dimensions approx.. 3.7m(h) x 24.3m(l) x 14.1m(w);
- + New grassed play area;
- + Hard surfaced play yard;
- + Parking areas, including 26 spaces;
- + Pick up and drop off point;
- + New dedicated access via Queens Hill to serve pick up and drop off point;
- + Public Open Space area;

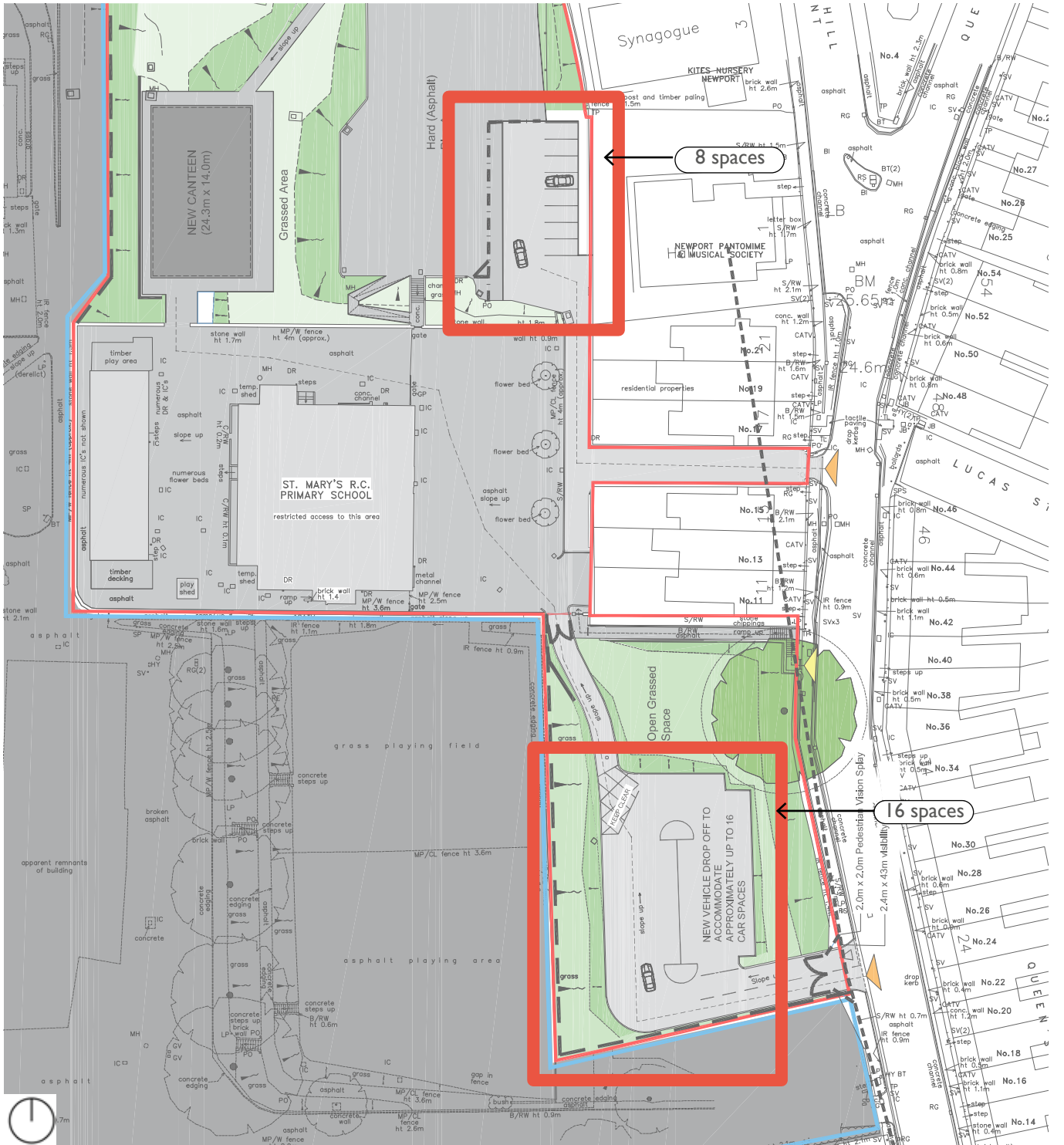
The D&A planning application (18/0531) text reads as if the vehicular pick up and drop off point is in addition to the 26 car parking spaces. However the approved drawing (opposite) shows that the 16 drop off spaces are included as part of the car parking spaces.

The Planning approved drawing (opposite) shows 24no. spaces in total.

During consultation with the school, they expressed a priority of hard landscape for play and sports for the children over car parking provision. They stated that car parking numbers could be reduced if required.

Due to the discrepancy in the two planning approved documents, and the lack of desire from the school to have excessive car parking bays, the design proposal shows a more conservative number of just 24no. bays, aligning with the previously approved masterplan provision. Please refer to the next page for further details.

Home-to-school transport buses will continue to use the bus stop on Queen’s Hill, and will not enter the site, due to its size and topography constraints.



Previously approved masterplan, indicating 24 car parking spaces
Scale: not to scale

DESIGN & ACCESS STATEMENT

ST. MARY’S ROMAN CATHOLIC SCHOOL,
NEWPORT

FEBRUARY 2018

Planning approved Design and Access Statement, which states that the school as 26no. parking bays.

Vehicle & Cycle Parking

Planning Guidance for parking numbers

The council guidance recommends the following for primary school (zones 2-4):

- † 1no. Commercial vehicle space (size not provided within the document)
- † Standard bay size 2.4 x 4.8m and accessible bays size 6 x 3.6m
- † 1 space per each member of teaching staff and 3 visitor spaces, with 5% of spaces to be accessible

Based on this guidance the parking requirements for the site (based on 21 FTE staff) is 24 spaces including:

- † 22 standard car bays
- † 2 accessible car bays
- † 3 of these 24 spaces are designated for visitor use.

This has been designed within the masterplan.

Cycle Parking numbers

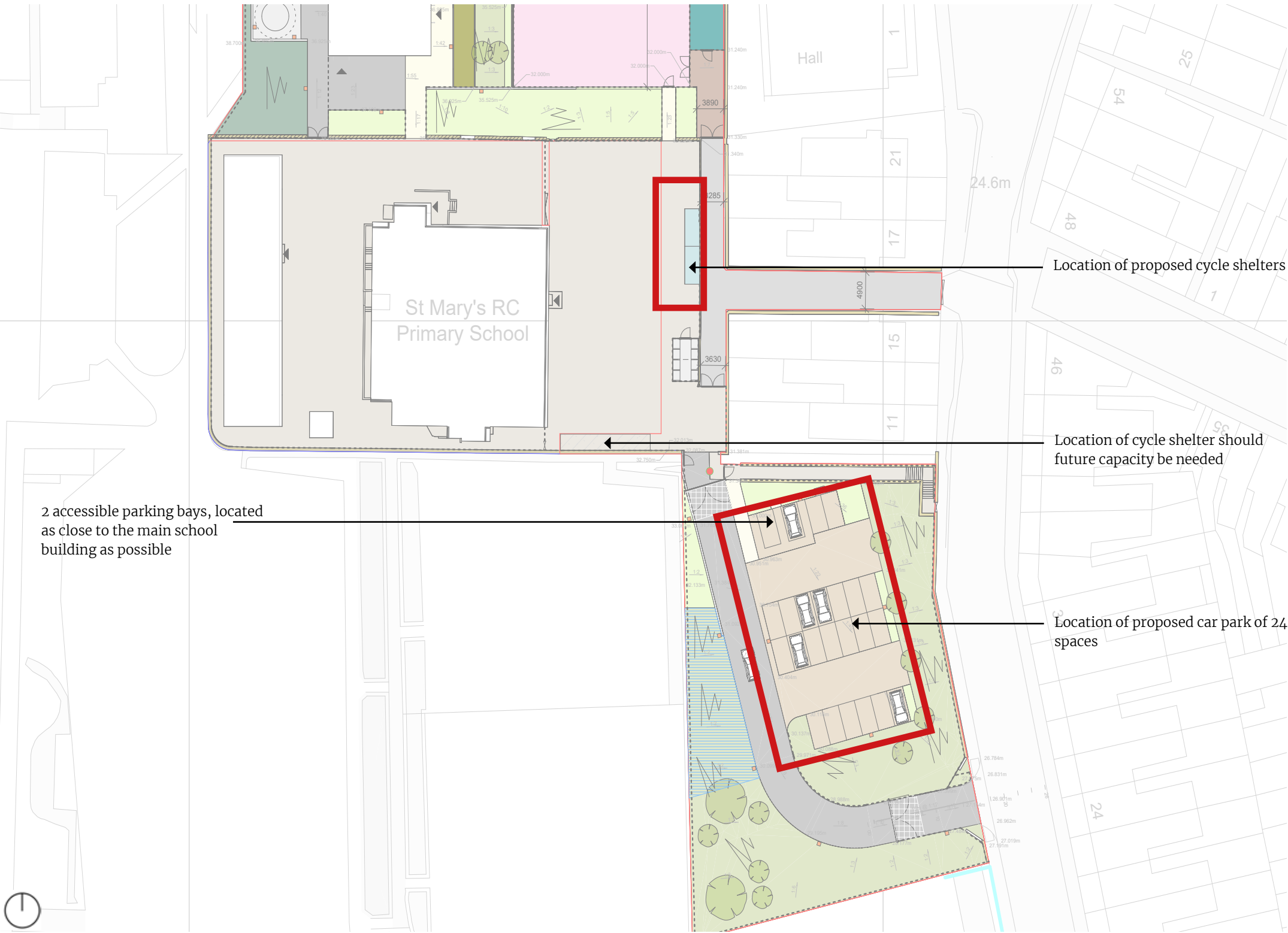
The number of cycle stands provided on site is based on guidance from Newport City Council's Sustainable Travel document. This report states the following:

- † Long stay – 1 stand per 4 staff plus 1 stand per 10 students.
- † Short stay – 1 stand / 10 students

Based on 420 students and an assumed 21 FTE staff, the cycle parking requirements are:

- † 48 Long stay stands - covered and sheltered
- † 42 Short stay stands

The client has confirmed that there are no cycle stands currently placed at the school. This is due to the large catchment area of the school, with the majority of pupils using public/private transport to access the school, along with the site's hilly location. We have therefore proposed covered cycle shelters, to accommodate for 24 cycles. This capacity should allow for staff, visitors and the minority of pupils who live locally. We have also highlighted areas where there is future capacity for additional cycle stands.



Proposed Masterplan - showing the proposed car park and cycle provision layout

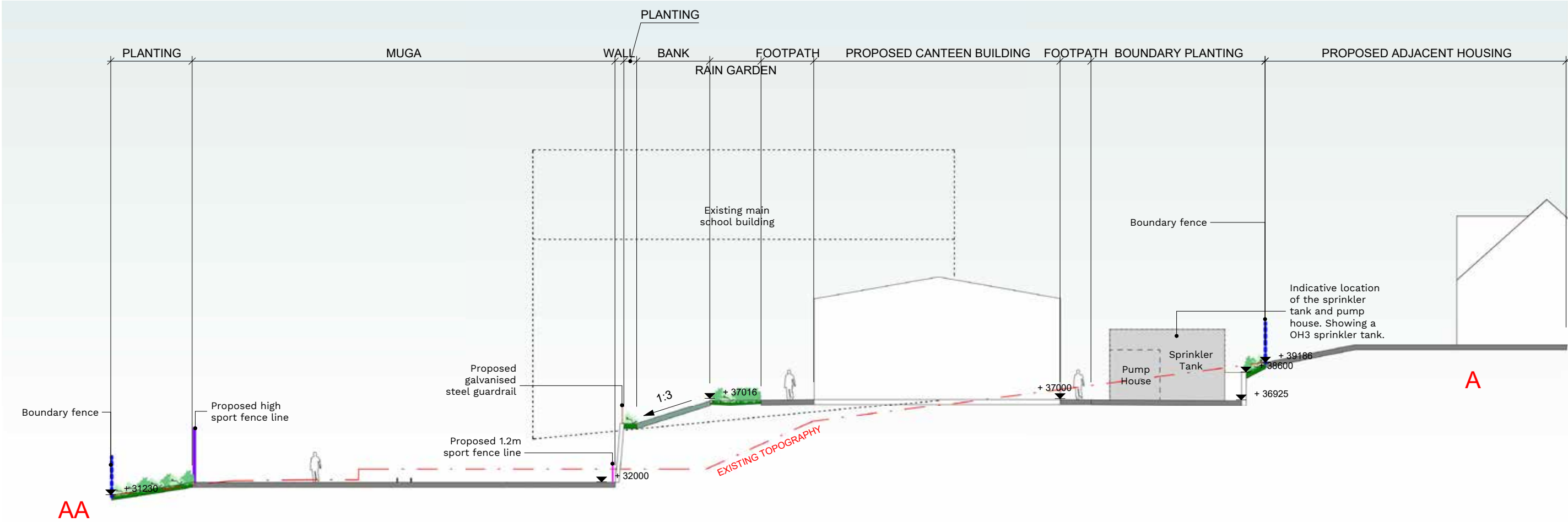
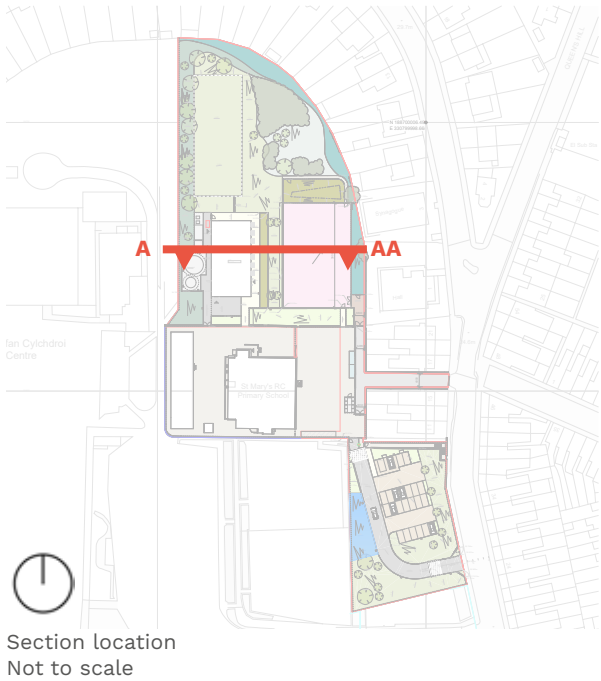
05 Proposed Landscape
Landscape Topography



Drainage and Site Levels

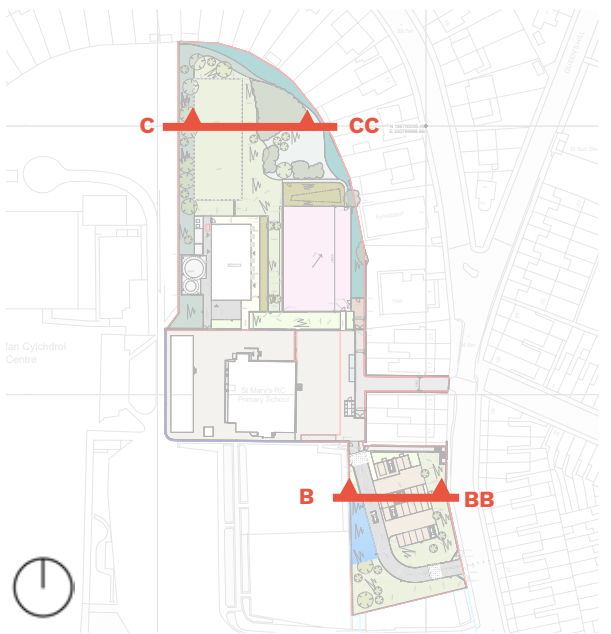
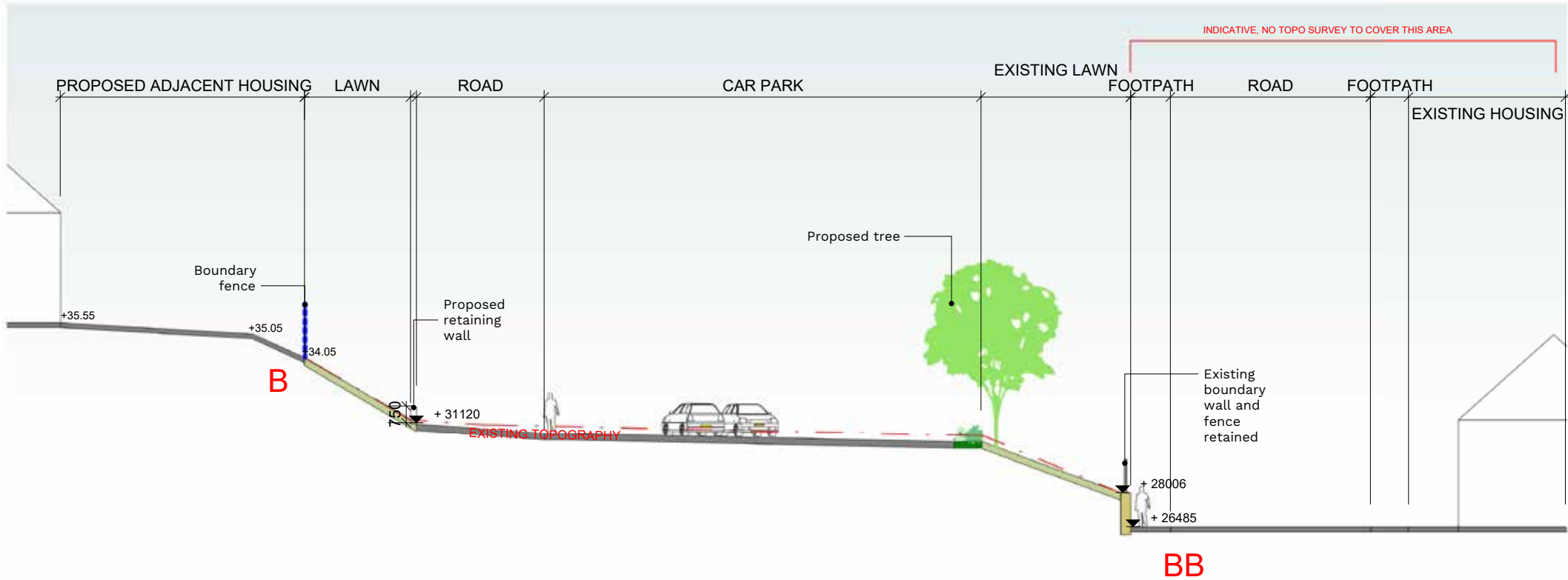
The site has significant level changes. Consequently there are numerous retaining walls and level plateaus across the site.

The site slopes significantly down from the new housing development in the west (right of this section) to the houses and community buildings on Queen’s Hill (left of this section).

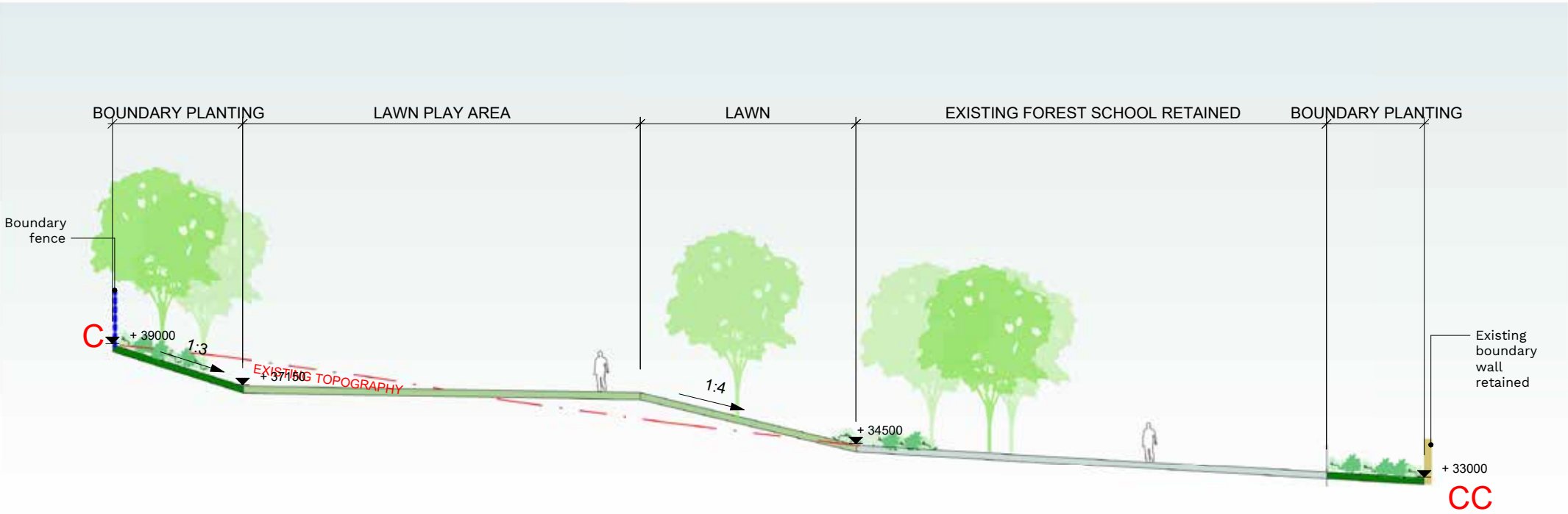


Proposed site section

05 Proposed Landscape
Landscape Topography



Section location
Not to scale



Proposed site sections

05 Proposed Landscape
Landscape Character

Hard and Soft Landscape Materials

The soft landscape strategy will create a framework to connect the new school building with the surrounding building and context, and to create a cohesive landscape character within the site, which will aid the biodiversity of the site and define a range of external spaces for the student, and staff alike.

Planting provides seasonal and sensory diversity with chosen species providing visual interest, through form, colour, texture and movement. Tree and shrub planting create a sense of enclosure to the boundary of the site. Existing trees have been retained where possible, and new planting species selected to diversify existing species on-site and encourage wildlife such as birds, bees, and other insects.

Some indicative species for the site include:

- † *Betula nigra*
- † *Pennisetum alopecuroides* ‘Hameln’
- † *Perovskia* ‘Blue Spire’
- † *Phlomis ruselliana*
- † *Prunus* ‘Sunset Boulevard’
- † *Rudbeckia fulgida sullivantii* ‘Goldsturm’
- † *Sanguisorba officinalis* ‘Pink Tanna’
- † *Stipa gigantea*
- † *Stipa tenuissima* ‘Pony Tails’
- † *Veronicastrum virginicum*

The landscape will aim to incorporate a range of hard surface finishes and secure boundaries that will be appropriate for the site uses and its context.

The hard landscape palette includes:

- Coloured macadam to MUGA;
- Permeable block paving to the car park;
- Proposed external dining seating.



Coloured macadam MUGA



Lawn amphitheatre



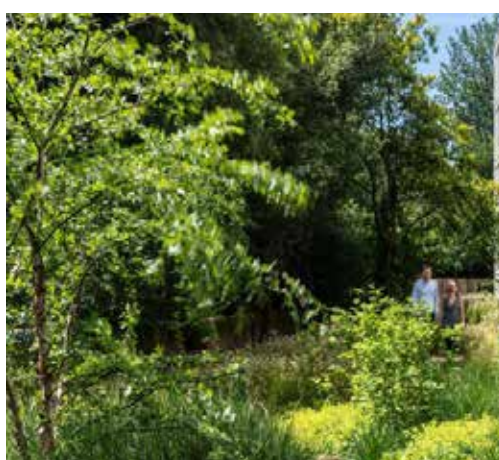
Rain garden



Prunus ‘Sunset Boulevard’



Guardrail



Boundary planting



Ecological enhancements



Ornamental planting



Steps to the MUGA

