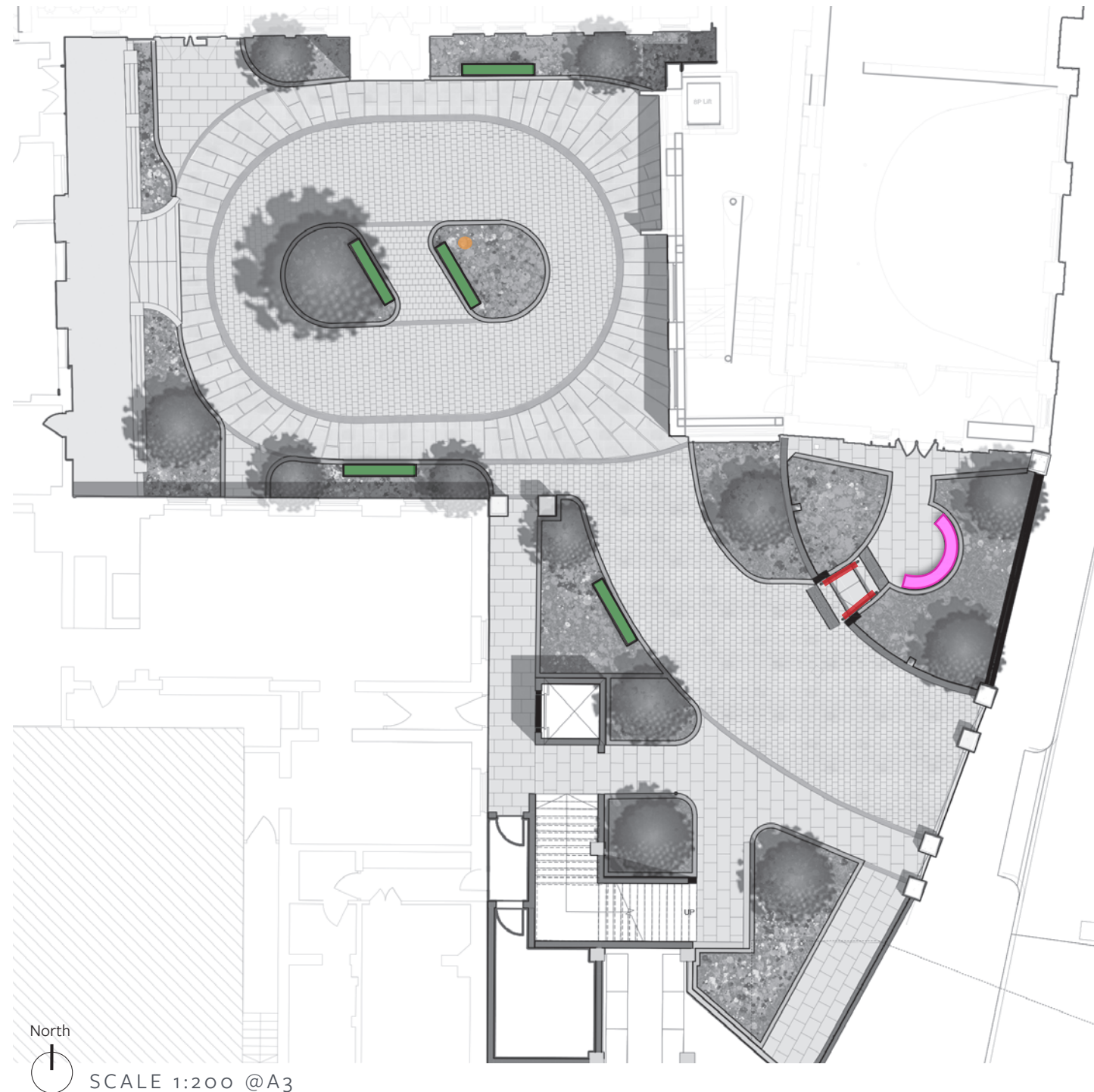


03 Science Quad

HARD LANDSCAPE FURNITURE

A generous allowance of hardwood timber seating has been included to provide comfortable places to rest, socialise and work. These are based around the Benchmark 'Chico' range or similar and will include armrests and backs. Hardwood timber handrails will also be included for steps. External lighting will include a central focal column light, providing a warm pool of light in the heart of the space, and low-level marker lights along the key routes.



LEGEND:

-  Benchmark Hardwood free standing bench including back & armrest.
-  BenchmarkHardwood curved free standing bench including armrest.
-  Handrail: 50mm diameter hardwood handrail with underside and post in stainless steel, 1100mm height.
-  Lighting post to lighting designer details and specifications.



Benchmark hardwood free standing bench



Hardwood handrail



Benchmark hardwood free standing bench

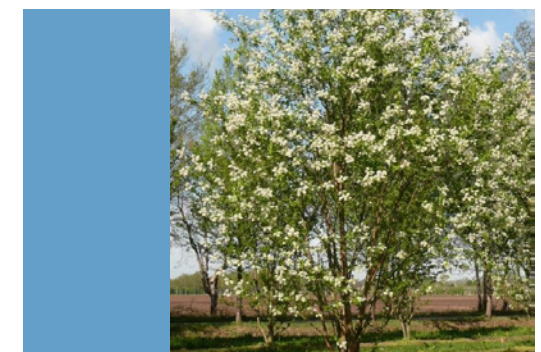
03 Science Quad

TREE PALETTE

Tree planting will be used to assist wayfinding, create shade, visual interest and bring seasonality to the space. In the centre of the quad, a semi-mature scholar's tree (*Styphnolobium japonicum*) will form a focal point and cast dappled shade over the seating space. Four *Crataegus prunifolia* (thorns) will line the route from the Southwood Lane gates into the quad, and provide spring blossom. Two cherries (*Prunus mackii*) will replace the elderly purple plums along the Southwood Lane frontage, and multi-stemmed *Amelanchier lamarkii* (Juneberry) will line the central space.



Styphnolobium japonica



Prunus mackii



Crataegus prunifolia multistem



Amelanchier lamarkii 'Ballerina' multistem



03 Science Quad

PLANTING PALETTE

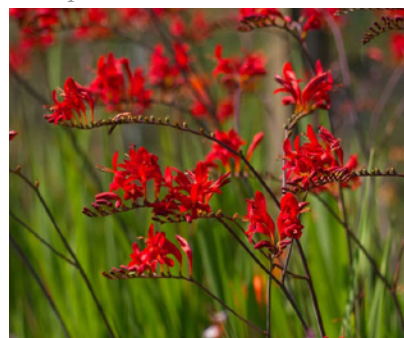
The planting has been designed for year-round visual interest, ease of maintenance, and wildlife value including plants for pollinators. The planting has been designed to create distinctive character, taking into account usage and their orientation and will include colourful, sun-loving shrubs and perennials, with larger drifts of grasses and more of a woodland atmosphere in the shadier areas. A group of striking 'cloud pruned' Japanese hollies will form a focal point in the central beds. Planting in the 'rain gardens' will include species that can thrive in both wet and dry conditions.



Ilex crenata or *Carpinus betulus*
(Cloud Pruned In central beds)



Pittosporum tobira 'Nanum'



Crocosmia 'Lucifer'



Euphorbia pasteurii



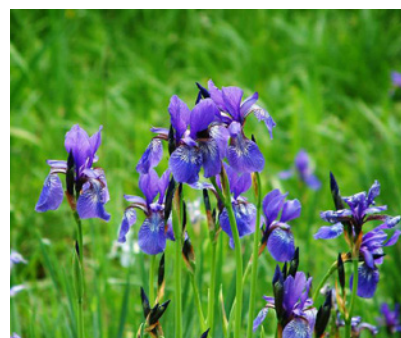
Choisya 'Apple Blossom'



Prostanthera cuneata



Hakonechloa macra



Iris sibirica



Hebe topiaria



Rodgersia pinnata



Panicum virgatum 'Shenandoah'



Helleborus orientalis



Hydrangea 'Limelight'



Taxus baccata (Clipped)



Astrantia major 'Shaggy'



Liriope muscari



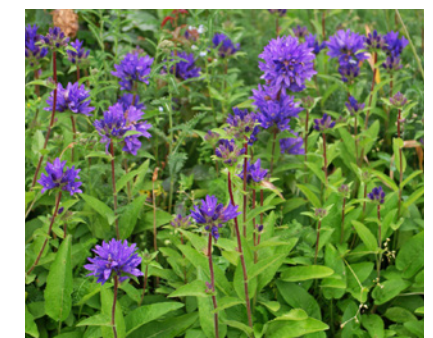
Hydrangea 'Strong Annabelle'



Viburnum cinnamomifolium



Epimedium grandiflorum



Campanula glomerata



04 Garner Quad

OVERVIEW

Garner Quad is the newest of the external spaces on the senior campus and lies to the rear of the science block, behind the Garner and Charter buildings. A quiet but well-used courtyard, it provides space for sitting and outdoor teaching on large seating steps. However, the space is dominated by paving and - apart from a fine mature birch tree - the planting is generally lacklustre.

The landscape proposals will re-animate the space with refreshed planting and more enclosed spaces to sit and perform. The steps up to the raised terrace will be reconfigured to better relate to the new building extension. An oval sitting space will be enclosed by new planting including a broken evergreen hedge to create privacy. New trees will be planted into the paving and a scattering of oval raised planters with integrated seating will subdivide the space and create a more gardenesque character. Textured and flowering shrubs and herbaceous plants will augment the existing planting, with an emphasis on autumn/winter interest.

The proposals will re-animate the space with refreshed planting and enclosed spaces to sit and perform.



Sketch view of Garner Quad from the Science building



04 Garner Quad

LANDSCAPE MASTERPLAN



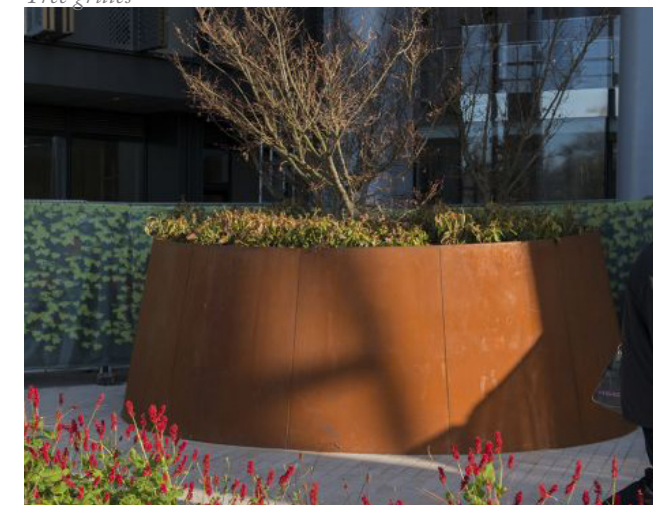
North
SCALE 1:200 @A3



Evergreen hedges



Tree grilles

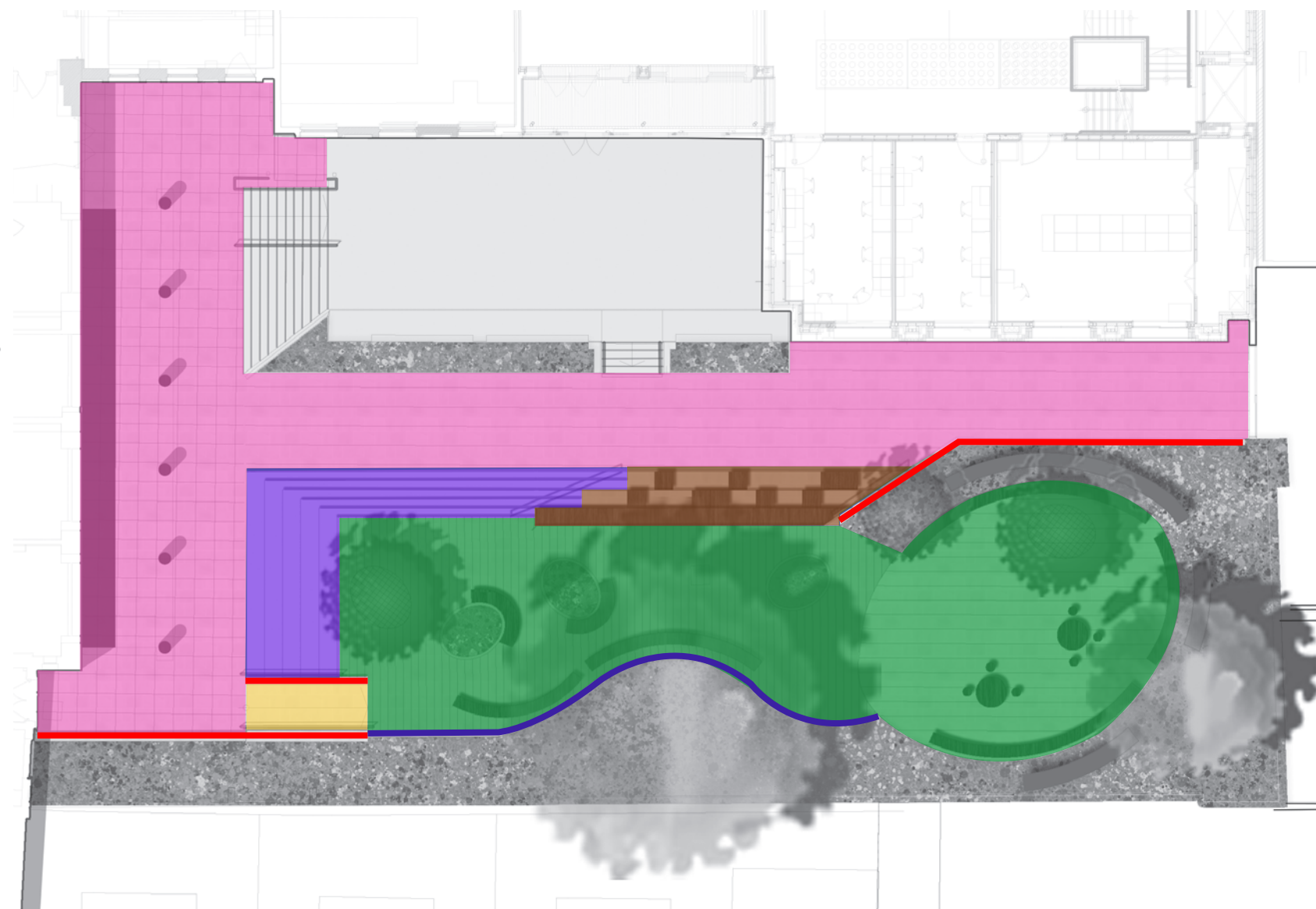


Steel planters

04 Garner Quad

HARD LANDSCAPE MATERIALS

The existing materials in the quad will generally be retained, repaired and cleaned, including the concrete slabs, blocks and amphitheatre step units, augmented with new materials to match as necessary. The step units will be reconfigured at their western end to better relate to the new building and colonnade.



LEGEND:

- Existing concrete slabs to be retained and cleaned.
- Existing concrete steps units to be retained, cleaned and reconfigured.
- Proposed concrete steps units including visibility strips.
- Existing textured concrete slabs to be retained and cleaned.
- Existing concrete block paving to be lifted, cleaned and re-installed to new layout.
- Existing brick walls with concrete coping to be retained.
- Proposed concrete kerbs with 125mm upstand to form new planting beds.

North



SCALE 1:200 @A3



04 Garner Quad

HARD LANDSCAPE FURNITURE

New, oval corten steel planters will be introduced onto the raised terrace to break up and soften the space. These will be designed with integral cantilevered seating arranged in sociable groupings. The space will be lined with curvilinear timber benches under the birch tree and around the oval space at the eastern end. These could be used by whole class groups or by audiences for performances. Special steel tree grilles will continue the oval theme.



LEGEND:



Proposed Streetlife sculptural steel planter including cantilevered hardwood timber seat.



Proposed Streetlife steel tree grill to be installed flush in relation to adjacent levels



Proposed Benchmark hardwood curved free standing bench including armrest



Proposed handrail: 50mm diameter hardwood handrail with underside and post in stainless steel, 1100mm height.



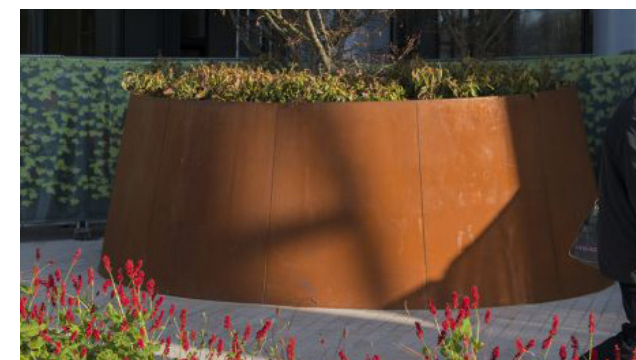
Existing handrail to be retained.



Existing seats to be retained.



Streetlif steel tree grill



Streetlife sculptural steel planter including cantilevered seat



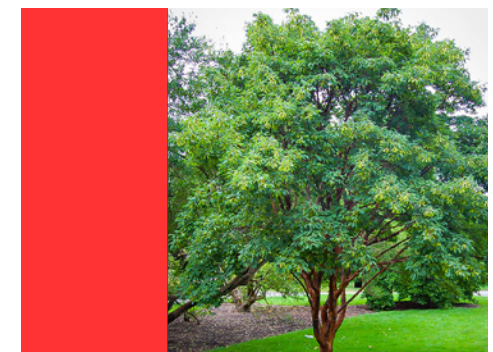
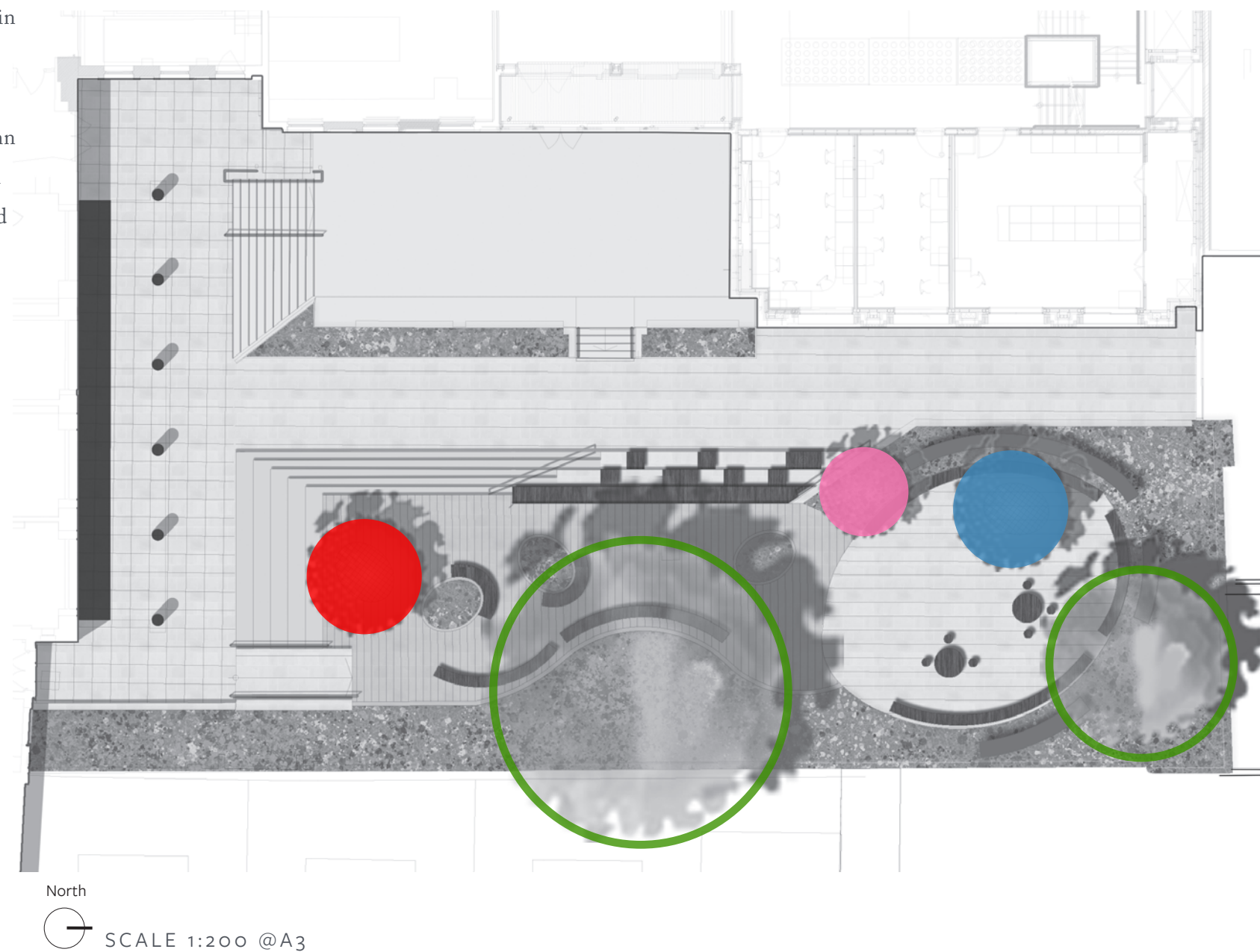
Benchmark hardwood free standing bench



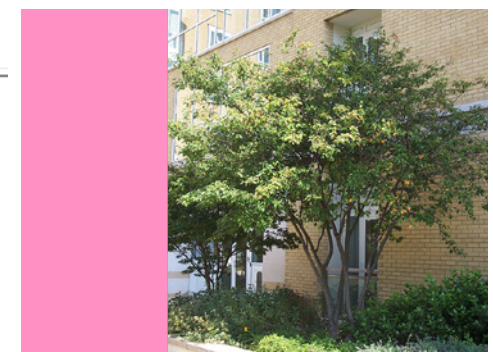
04 Garner Quad

TREE PALETTE

A scattering of small and medium ornamental trees will be included within the new planters and existing beds, and will include a textural paperbark maple (*Acer griseum*) with fiery autumn colour, a Katsura tree (*Cercidophyllum japonicum*) with its elegant foliage, and Juneberry (*Amelanchier lamarkii*) for spring flower and autumn colour.



Acer griseum



Amelanchier lamarkii



Cercidophyllum japonicum



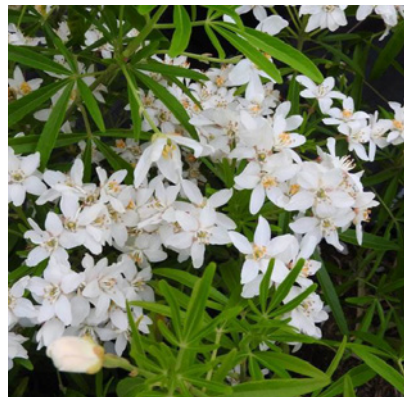
Existing tree to be retained



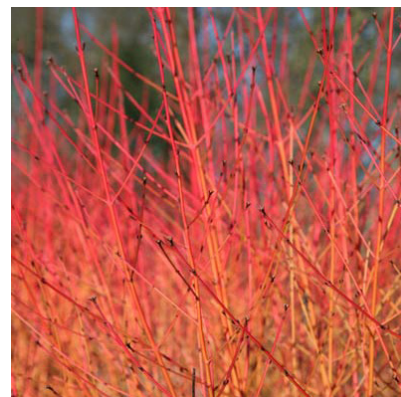
04 Garner Quad

PLANTING PALETTE

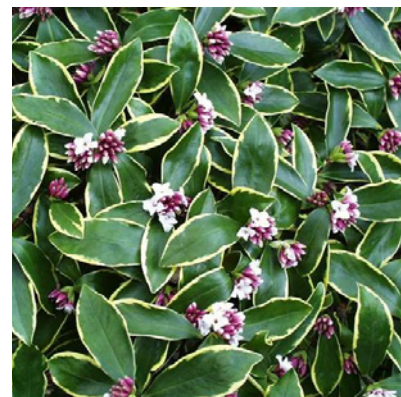
The planters and beds will be filled with a mixture of low and medium evergreen, flowering shrubs, herbaceous plants with an emphasis on autumn and winter interest, texture, colour and plants for pollinators. A new yew hedge will enclose the oval terrace on the building side.



Choisya ternata 'Aztec Pearl'



Cornus 'Midwinter Fire'



Daphne odora 'Aureomarginata'



Philadelphus 'Belle Etoile'



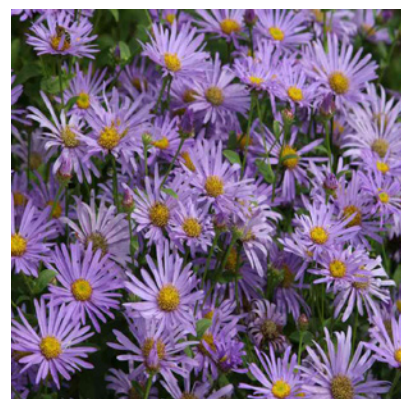
Syringa meyeri 'Palibin'



Viburnum davidii



Miscanthus 'Kleine Fontaine'



Aster frikartii 'Monch'



Campanula portenschlagiana



Geranium 'Brookside'



Helenium 'Moerheim Beauty'



Liriope muscari



Sedum 'Autumn Joy'



Tellima grandiflora

