OCULUS

Newington College
Landscape Masterplan

Date of Issue
24 April 2026

Prepared for
Council of **Newington College**

We acknowledge the Wangal and Gadigal people as the Traditional Custodians of this place.

We honour Elders past and present, whose profound knowledge systems can teach us much about how we care and design for Country.

Prepared by

OCULUS

Rev	Issue	Date	By	Checked
A	Draft	29.08.25	GH, ND	KS
B	SSDA	28.11.25	GH, ND	KS
C	SSDA	24.04.26	GH	KS

Contents

1.0 Introduction and Context

1.1 Introduction

OCULUS has been commissioned by the Council of Newington College (the Applicant) to prepare this report in accordance with the technical requirements of the Secretary's Environmental Assessment Requirements (SEARs), and in support of the State Significant Development Application (SSD-78268465) for alterations and additions to the Newington College Senior Campus in Stanmore.

Project Description

The SSDA seeks consent for staged alterations and additions to the Newington College Senior Campus comprising:

Concept Proposal for the provision of new and upgraded facilities, including:

+ Building envelope for the redevelopment of Sevington Courts to accommodate recreational facilities and teaching spaces (refer to detailed Stage 1 Works below).
+ Building envelope for alterations and additions to Centenary Hall and development of an adjoining, four storey teaching and learning facility (College Lane building). This development will accommodate a cafeteria and dining hall, lecture theatre, multi-purpose teaching spaces and additional pastoral spaces.
+ Building envelope for the redevelopment of the Concordia building to accommodate a performance theatre, multi-purpose gallery and exam centre, new teaching spaces and basement car parking. The Concordia redevelopment includes a new pedestrian bridge across Stanmore Road to the main campus.
+ Landscaping design strategy across the campus.
+ Car parking provision and circulation arrangements.
+ Increase of 368 students and 45 full-time equivalent (FTE) staff.

Detailed Stage 1 Works, including:

+ Earthworks and the associated demolition of Sevington Courts.
+ Construction, fit-out and operation of 3 storey building comprising multi-purpose indoor and rooftop courts, fitness centre, multi-purpose teaching spaces, amenities and basement car parking.
+ Construction, fit-out and operation of 4 storey building comprising multi-purpose teaching spaces, administrative functions and amenities.
+ Alterations to the existing driveway within the site to facilitate vehicle access to the new basement car park.
+ Temporary car park during construction phase of Stage 1 Works.
+ Tree removal and new landscaping adjacent to the Stage 1 development site.
+ Increase of 368 students and 45 FTE staff.

1.2 Secretary's Environmental Assessments Requirement

This report has been prepared in response to the requirements contained within the Secretary's Environmental Assessment Requirements (SEARs) dated 28 October 2025 and issued for SSD-78268465. Specifically, this report has been prepared to respond to the SEARs requirements outlined in the table below

Item No.	Description of Requirement	Section Reference	Comment
7 and 13. Trees and Landscaping	+ Assess the number, location, condition and significance of trees to be removed and retained as a result of the anticipated concept development and note any existing canopy coverage to be retained on-site.	Pg 26, 27, 28	+ 369 trees are proposed to be retained on site as shown on page 26 + 126 trees are proposed to be removed on site as shown on page 26 + 136 trees are proposed to be planted on site as shown on page 27 + Great care has been taken to ensure trees to be removed are of low to moderate retention value and all proposed removals have been reviewed by a qualified arborist
	+ Provide a concept and Stage 1 site-wide landscape plan, that: + details the strategy of proposed site planting, including location, number and species of plantings, heights of trees at maturity and proposed canopy coverage. + details the inclusion of native vegetation communities that occur (or once occurred) in the locality and the use of local provenance species (trees, shrubs and groundcovers). + provides evidence that opportunities to retain significant trees have been explored and/or informs the plan. + considers equity and amenity of outdoor play spaces.	Pg 20, 23, 26, 44, 45, 46	+ Details of planting species have been outlined on pages 44 - 46 + Native and endemic vegetation communities have been considered and appropriate species have been proposed as shown on pages 44 - 46 + Opportunities to retain significant trees have been explored where possible as shown on page 26 + A gender sensitive urban design lens has been cast over this project to ensure equity and amenity of all outdoor spaces, as shown on page 23
	+ demonstrates how the proposed concept development would: + contribute to long term landscape setting in respect of the site and streetscape. + mitigate the urban heat island effect and ensure appropriate comfort levels on-site. + contribute to the objective of increased urban tree canopy cover including the replacement any trees that are removed at a ratio of greater than 1:1 and the planting of advanced sized trees. + maximise opportunities for green infrastructure, consistent with Greener Places.	Pg 25, 26, 27, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 44	+ The proposed landscape design will contribute to the streetscapes along Stanmore Rd, College Lane and Newington Road by increasing tree planting, upgrading hardscaping and providing equal access from the footpath into the site, as shown on pages 30 - 40 + Care has been taken throughout the design process to increase tree canopy and extent of softscape areas, as shown on pages 30 - 40 + Trees are being replaced at a ratio greater than 1:1, with 106 trees to be removed and 120 new tree plantings, as shown on pages 26 and 27. Advanced tree sizes of 400 L are specified on page 44 + Opportunities for green infrastructure have been maximised through the use of tree and understorey planting with passive irrigation, permeable paving and WSUD elements as shown on page 25

1.3 Local Context

Legend

- Project Site
- Major Roads
- Railway Easement
- Train Station
- Local Park
- Local School

1.4 Ecological & Geological Context

Pre-1788 Vegetation Communities

Legend

- Sydney Turpentine Ironbark Forest
- Sydney Coastal Sandstone Foreshore Forest
- Sydney Coastal Sand Mantle Heath
- Estuarine Reedland
- Estuarine Swamp Oak Forest
- Grey Mangrove Forest
- Samphire Saltmarsh
- Original Vegetation Extent
- Constructed Land

Original Vegetation Community

Stanmore and surrounds once harboured thick Sydney Turpentine Ironbark Forest. This plant community is classed as a 'wet' sclerophyll forest, as these hardy ecosystems deal with higher rainfall than typical drought prone 'dry' sclerophyll forests. Both 'wet' and 'dry' forest are characterised by open woodlands with dominating canopies and thick low undergrowth.

This Sydney-endemic community is widely fragmented and only 0.5 percent of its original extent remains.

There are no known stands of Sydney Turpentine Ironbark Forest in the Stanmore district.

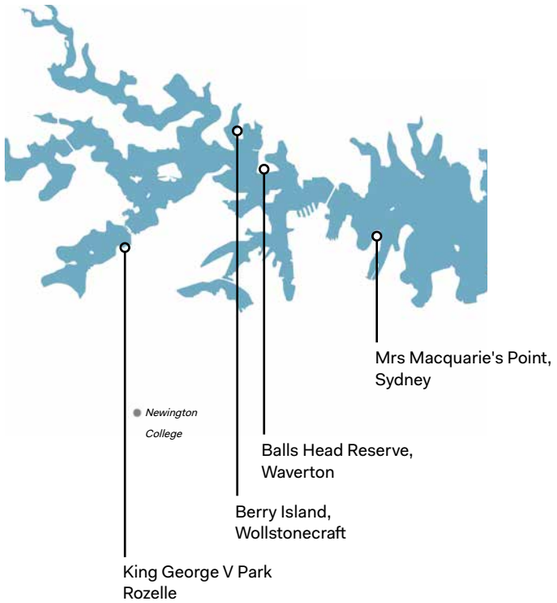
Original Soil Community

The immediate area of Newington College is constructed of Blacktown soils which are residual and brownish-black loam in character. They also have attributes related to hard setting clay, light clay and mottled grey clay. These are shallow to moderately deep (<100cm) soils and are derived from the Wianamatta Group. Red and brown podzolic particles are found on crests and yellow podzolic soils cluster to lower-lying areas. Blacktown soils are of low fertility and can be associated with poor drainage.

The Stanmore area more broadly also features Birrong and Gymea soils. Birrong soils are fluvial dark clay-loam soils that are generally found on the edges of watercourses and waterbodies. Gymea soils are erosional and can be found on higher topography on top of Hawkesbury sandstone. These soils

1.5 First Nations History

Significant Sites



Engravings at King George V Park, Rozelle

Engravings at Balls Head Reserve, Waverton

Engravings at Berry Island, Wollstonecraft

Oyster shell midens along the periphery of Sydney Harbour

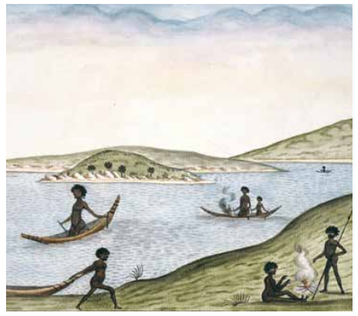
Flora and Fauna

Angophora costata
The Sydney Red Gum tree is an important cultural icon as its sap is used for valuable glue. It's growths can be hollowed out to make bowls. The Angophora is a powerful wayfinding device

Casuarina glauca
The she-oak is an important wayfinding tool as its branches make a recognisable sound in the wind. It often grows next to water bodies.

Brushtail Possum
The common Possum is intrinsicaly valuable to Aboriginal people as their pelts were used for warm clothing.

Significant Stories/ Enactments



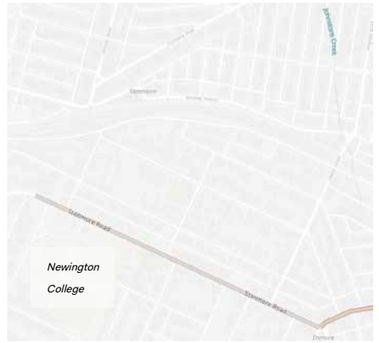
Fishing in the harbour or in rivers was often carried out by women. They would also bring their babies and young children with them in the 'nawi's' or canoes. They would fish with lines made from finely woven timber strands.

Long ago, the Boora Birra, a sacred place, was protected by the Eel Dreaming Spirit, the Parra Doowee.

The deep sandstone river-valley was a place for ceremonies, where women taught children the laws of the yura people. Over time, the yura grew lazy, forgetting the laws and rituals, causing the children to become lawless.

One day, a group of them attacked the old warrior, Kamarai, who was guarding the burra/ eel. When Kamarai died, the eel emerged, struck the earth, and swallowed the attackers. A storm followed, and the eel warned that the laws must be upheld. The deep valley flooded and the people were reminded of the importance of their culture, rituals and lore.

Water Systems

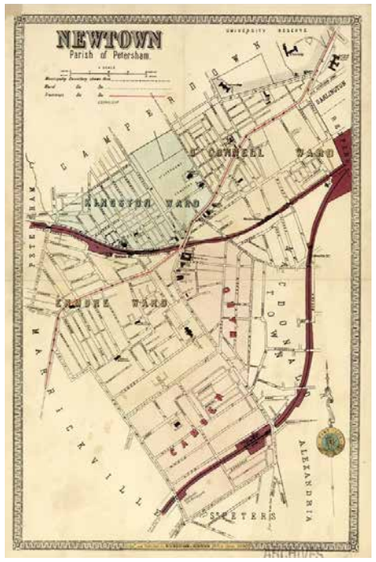


Johnsons Creek was once the most significant waterway in the Stanmore District. It once flowed unimpeded from Liberty Street to Rozelle Bay.

After decades of pollution from European settlement it was covered up and diverted through drains, where it still trickles today.

The Stanmore area also featured many small swamps that would have fed this creek system.

Thoroughfares



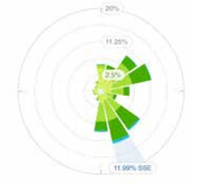
King Street in Newtown and Stanmore Road are believed to have once been traditional thoroughfares. These would have been used by travellers, traders and messengers. It is believed that these tracks have existed for over 60,000 years.

1.6 Wind and Solar Access

Average Wind Speed and Direction*

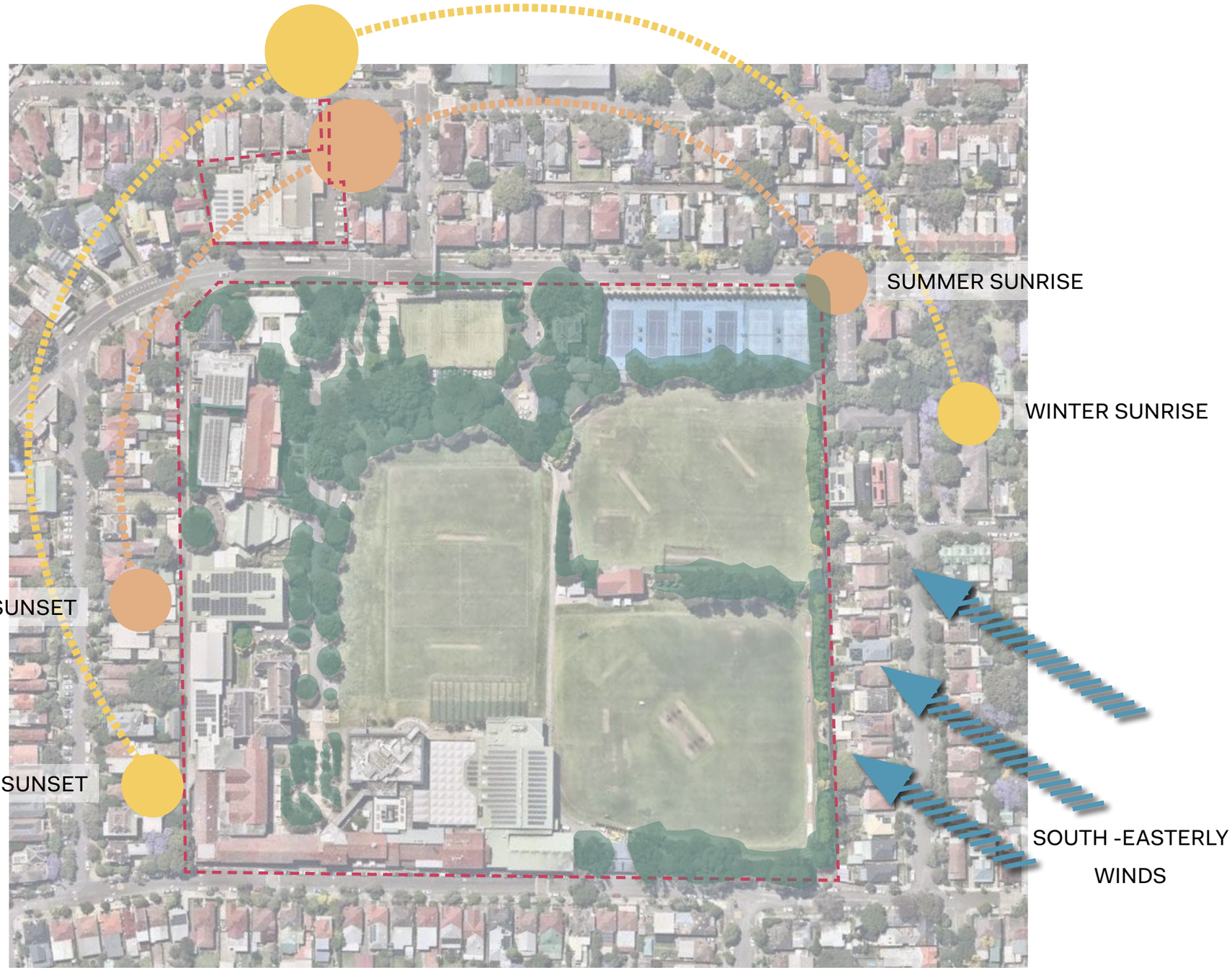
Annual

January



July

* 5 year average for Canterbury weather station (willyweather.com.au)



1.7 Building Context

Old Chapel (1874)
Sandstone block building

Duckmanton Drama (2017)
Glass & blonde brick building

Le Couteur Building (1938)
Blonde & red brick construction

Chapel (1984)
Blonde brick walls & green iron roof

Centenary Hall (1963)
Blonde brick construction

Founders Building (1880)
Sandstone Construction

Nesbitt Wing (1961)
Brown brick construction

Concordia Building
(1980s)
Cream painted
brown brick

Parsonage (1886)
Painted Brick construction

Glasson Pavilion (1934)
Brown brick, timber &
tiled roof

Taylor Sports Centre
(1993)
Glass and Steel
Constuction

Rae & Pyke Centre (2014)
Black tinted glass &
sandstone
construction

1.8 Canopy Vegetation Study

Legend

- Project Site
- Evergreen Exotic Species
- Deciduous Exotic Species
- Harpullia pendula
- Corymbia citriodora
- Acmena smithii var. minor
- Lophostemon confertus
- Agathis robusta
- Eucalyptus botryoides
- Eucalyptus sideroxylon
- Eucalyptus paniculata
- Ficus rubiginosa
- Casurina cunninghamiana
- Syzygium paniculatum
- Melaluca stypheloides
- Eucalyptus robusta

1.9 Existing Circulation

Legend

- Project Site
- Vehicle Entry Point
- Primary Vehicle Route
- Secondary Vehicle Route
- Pedestrian Entry Point
- Primary Pedestrian Entry Route
- Secondary Pedestrian Entry Route
- Pedestrian Footbridge
- Pedestrian Crossing

1.10 Proposed Space Programming

Legend

- Project Site
- Sports and PE
- STEM and Social Studies
- Critical Thinking and Ethics
- Wellness
- Humanities
- Arts
- Admin/Library/Chapel
- Ovals/Sports Courts

1.11 Existing Materials and Finishes

















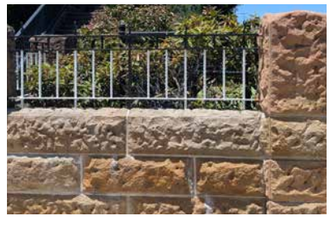












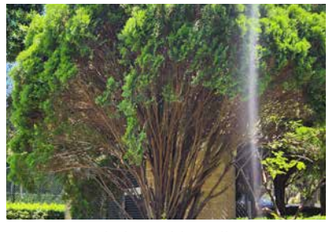

1.12 Existing Planting


Prunus nigra


Fraxinus pennsylvanica


Corymbia citriodora

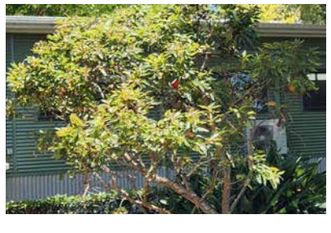

Robinia pseudoacacia


Thuja occidentalis


Lophostemon confertus


Platanus × acerifolia


Salvia guaranitica


Tibouchina granulosa


Salvia sp.


Salvia leucantha


Buxus sempervirens


Plumbago auriculata


Rhododendron sp.


Correa alba


Dahlia sp.

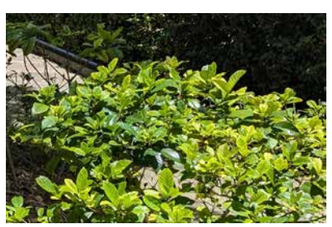

Clivia miniata


Abelia grandiflora


Alcantarea imperialis rubra


lagerstroemia tuscarora


Photinia glabra rubens

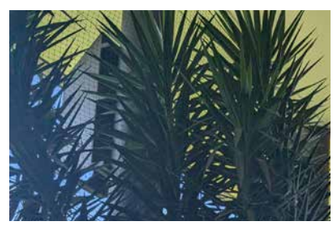

Gardenia augusta


Plectranthus ecklonii


Camelia sasanqua


Agapanthus africanus


Duranta repens


Yucca sp.


Strelitzia reginae


Rosa 'Iceberg"


Yucca sp.

2.0 Design Principles

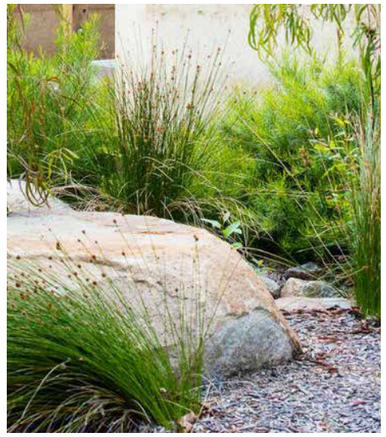
2.1 Design Principles

Campus Connections

+ Ensuring a connected and integrated campus for future generations of students and staff
+ Connecting the rest of the school to the Concordia Building across Stanmore Road
+ Revising pedestrian and vehicular connections across the site to minimise traffic and maximise student experience

Enhanced Student Experience

+ Designing for inclusivity with a particular focus on new female students
+ Improving the learning experience of students by providing more opportunities to access the outdoors and connect with nature
+ Providing upgraded landscape spaces for dining, play and socialising as well as learning

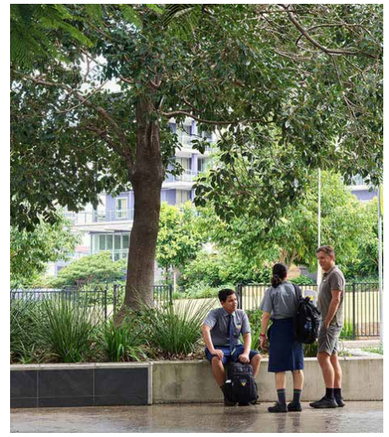


Connection to Country

+ Creating new and strengthening existing cultural relationships with Aboriginal staff, students and local communities
+ Improving the school's connection to the land, sky and waterways through a design that is unique of place
+ Utilizing endemic species to highlight original ecologies

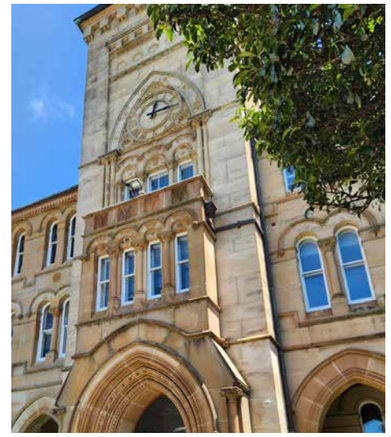
Indoor/Outdoor Relationship

+ Enhancing the connection between interior and exterior spaces to provide new opportunities for learning both inside and outside
+ Creating new opportunities and ways of existing on campus through improved relationship to landscape



Green and Shady Spaces

+ Increasing tree planting to create attractive, shady spaces
+ Increasing on grade planting to absorb urban heat and define beautiful outdoor spaces
+ Exploring planting to new buildings to soften building mass
+ Taking a wholistic approach to tree management and new tree plantings



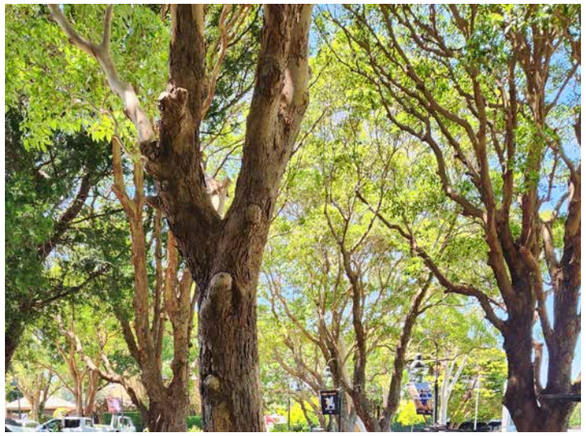
Respect for Heritage

+ Creating space for the rich history of the school to come alive in the landscape
+ Celebrating and integrating existing heritage elements in the proposed design for the school
+ Ensuring a continuation of living history in the life of the campus

2.2 Planting Principles

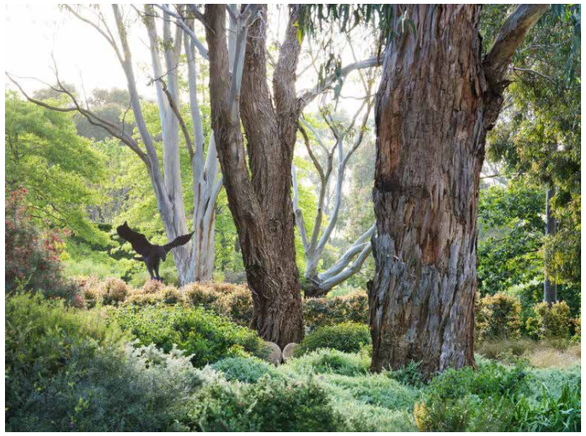
Respond to Existing Character and Heritage

+ Retain areas of significant planting where heritage or character is impacted
+ Ensure proposed planting suits existing character and heritage



Retain Existing Significant Trees and Increase Canopy

+ Increase canopy cover
+ Propose new trees as part of existing avenues or stands of trees where appropriate
+ Retain existing significant and high value trees
+ Replace any trees required to be removed on a 1:1 basis



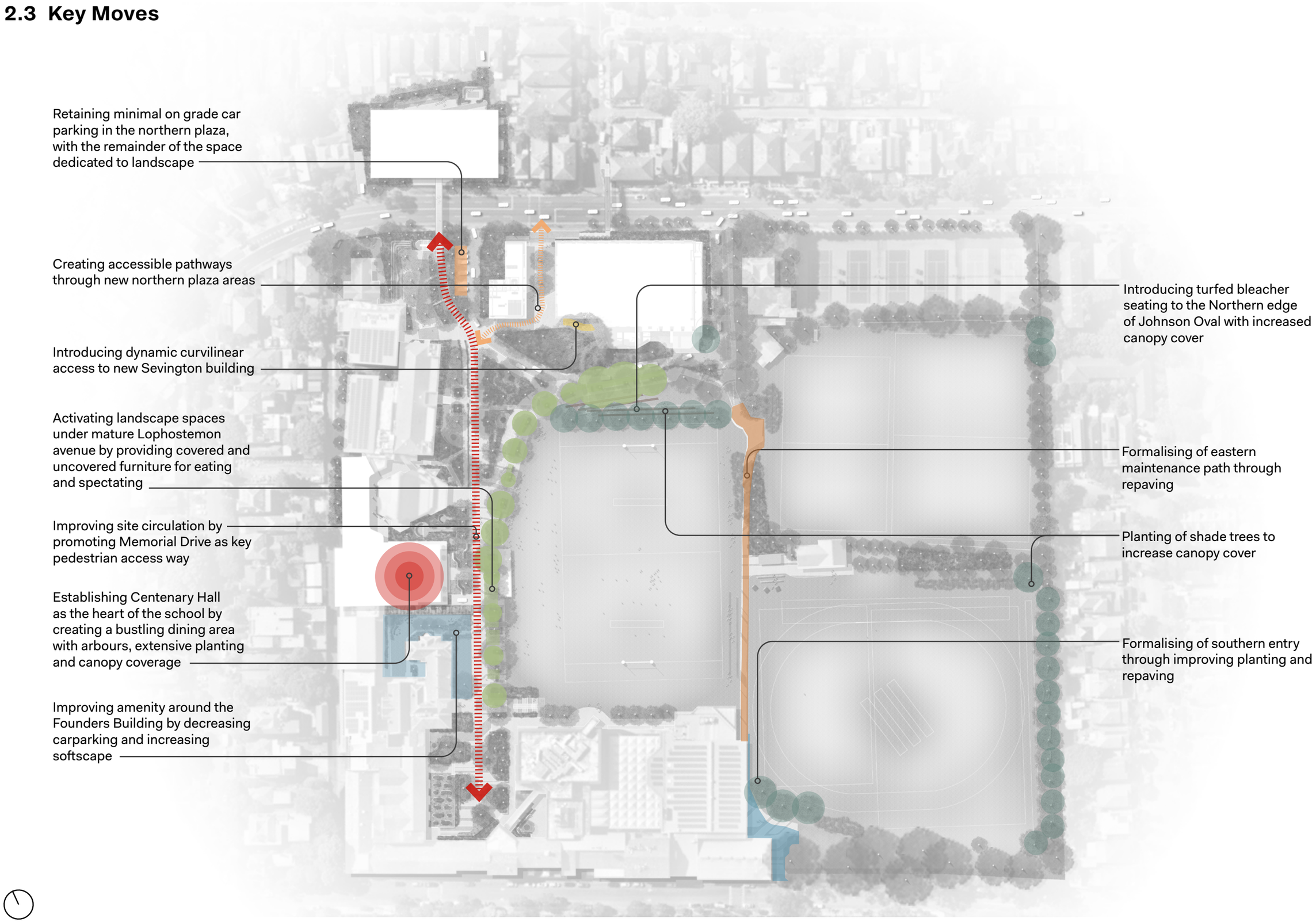
Increase Percentage of Endemic Species

+ Most new plant species proposed to be from the endemic Turpentine Ironbark Forest ecological community
+ Propose endemic species as key Connection with Country initiative
+ Ensure endemic species tie in with existing exotic palette

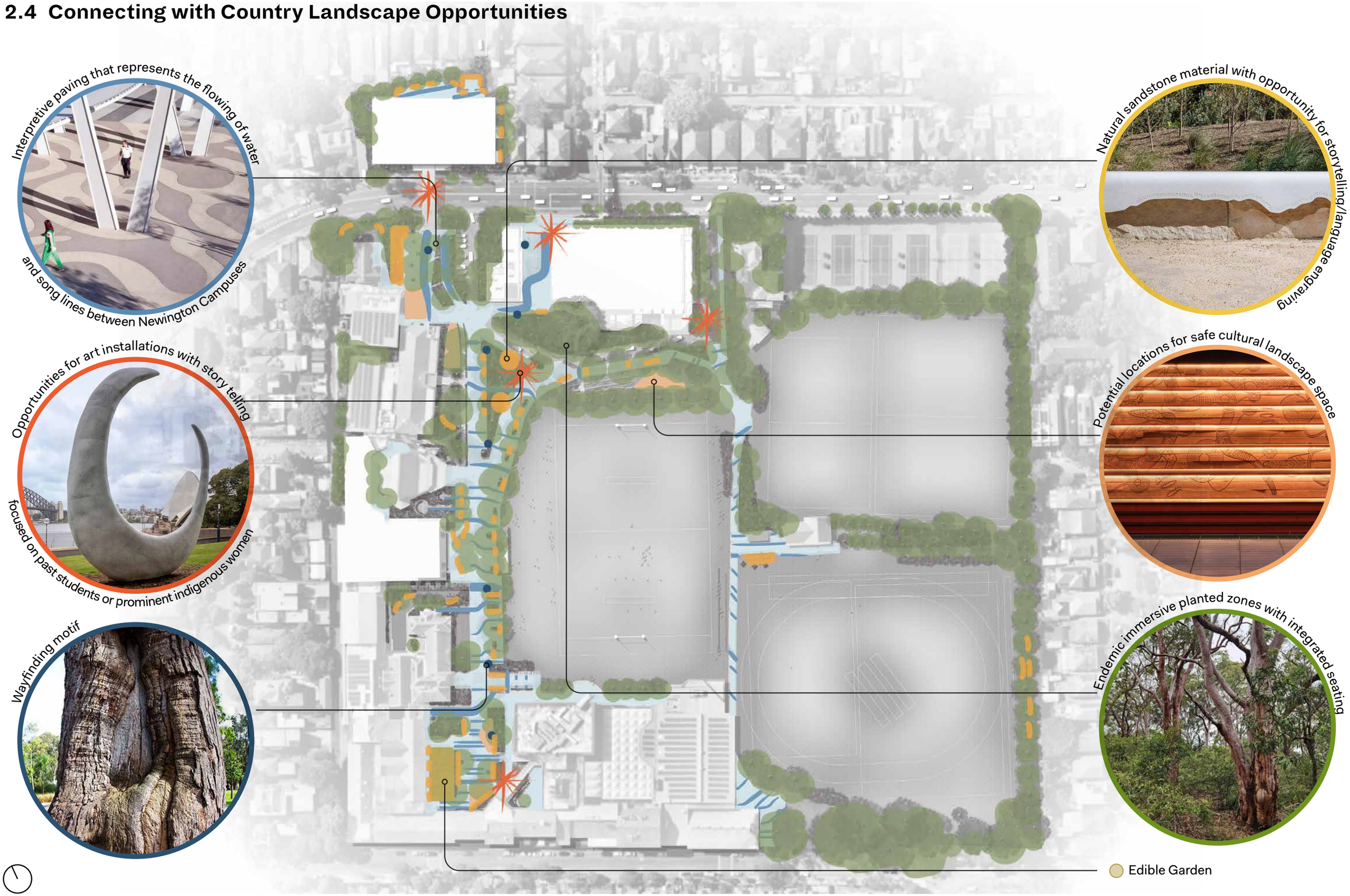
Increase Biodiversity through Variation in Planting Species

+ Promote diversity of plant and animal species through a variety of species from different families, genuses and species groups
+ Encourage local animal and insect life through fruiting and flowering species

2.3 Key Moves



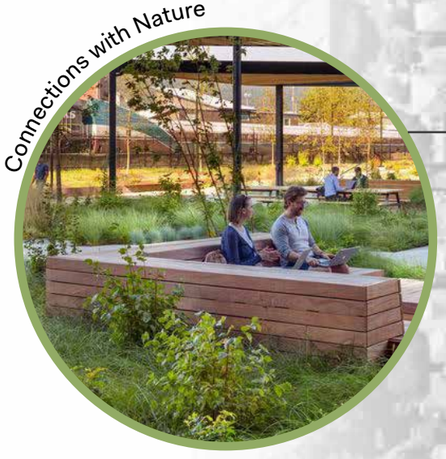
2.4 Connecting with Country Landscape Opportunities



2.5 Gender Sensitive Urban Design

Varied Seating Typologies

Connections with Nature



View lines enhanced and considered

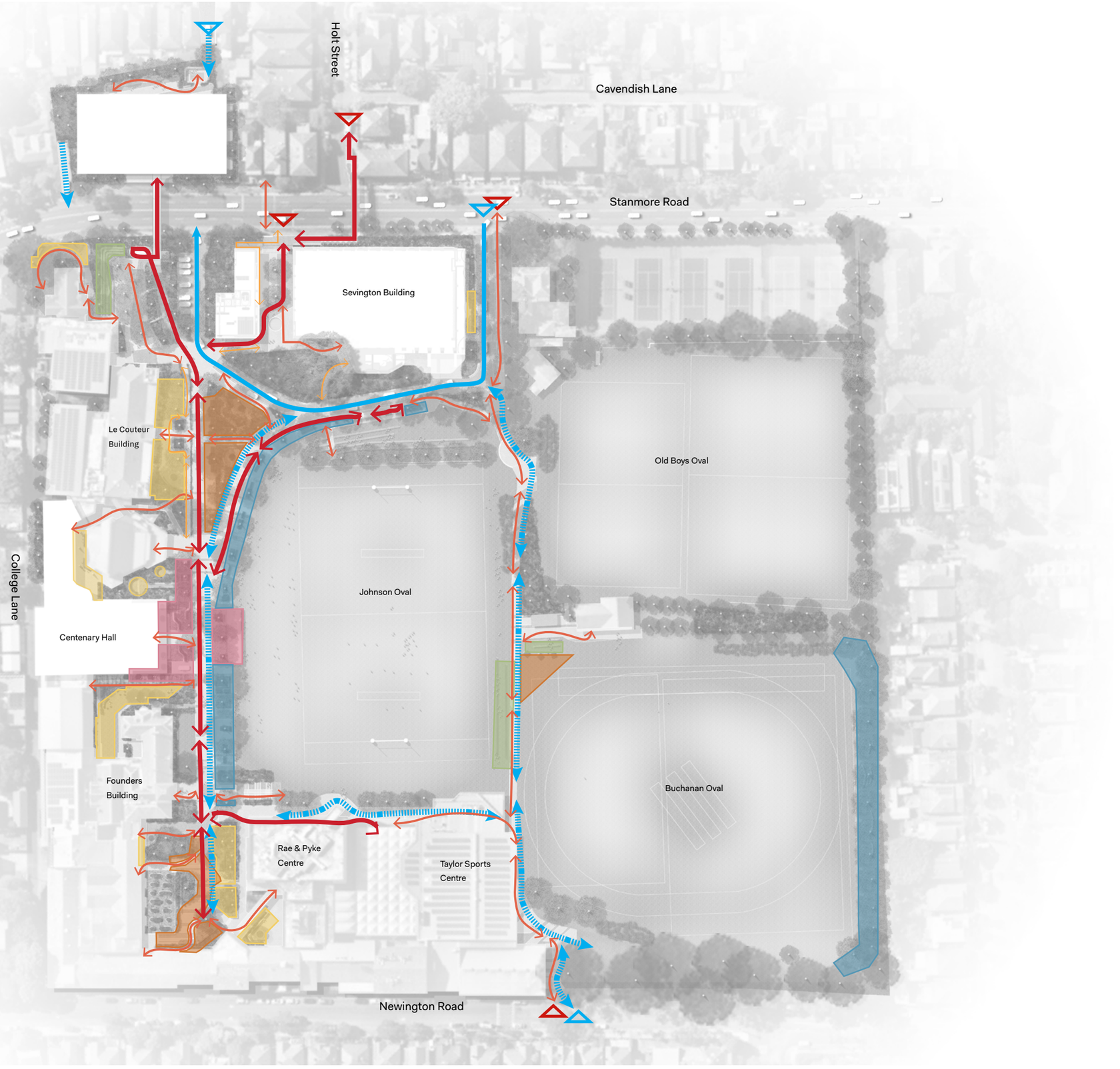
Varied Lighting Typologies

Lighting and wayfinding locations to promote feelings of safety after dark. Typologies including down lighting, light poles, spot lighting and indirect lighting

2.6 Proposed Circulation and Zoning

Legend

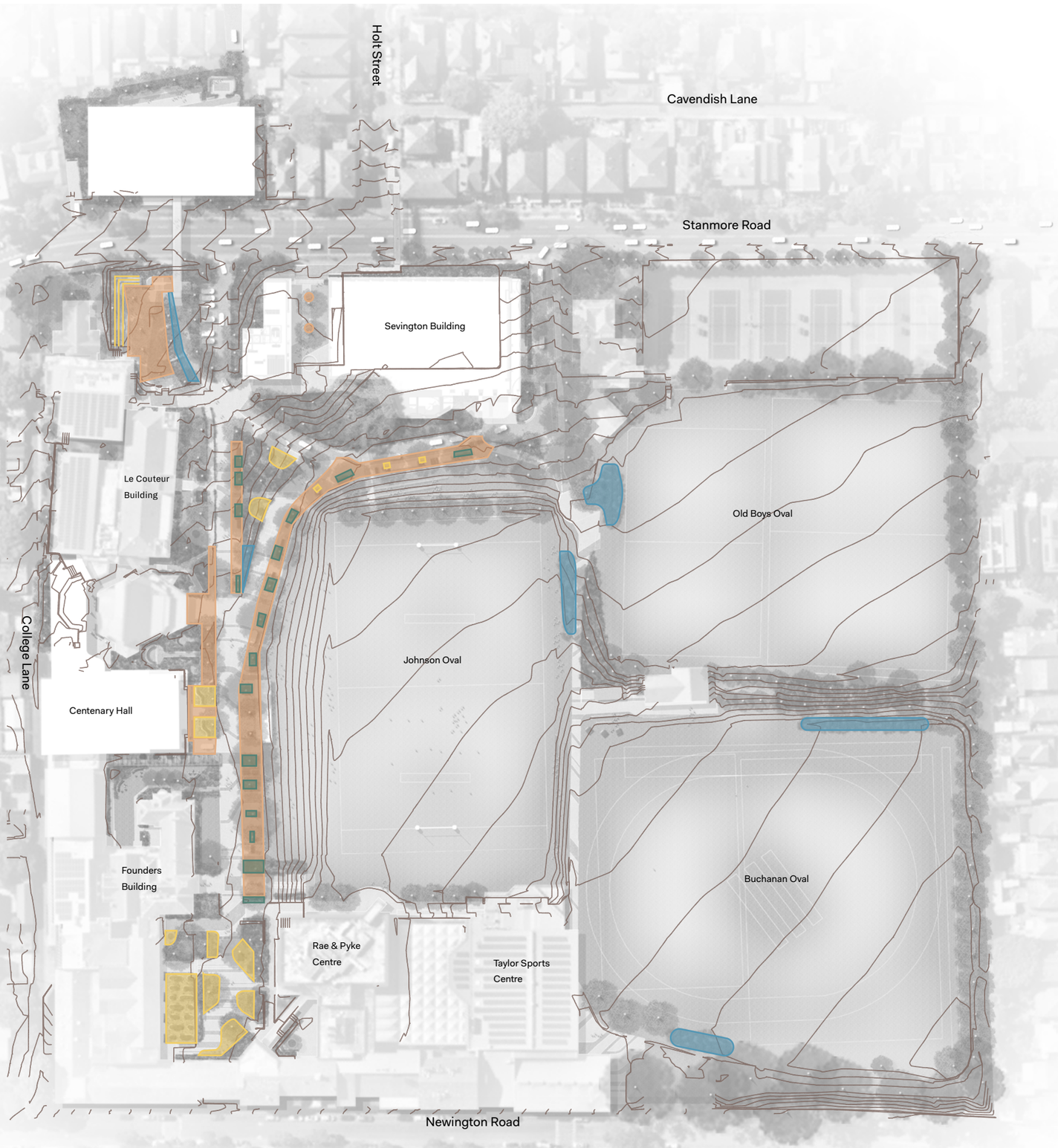
- Primary Pedestrian Movement
- Secondary Pedestrian Movement
- Accessible Pedestrian paths
- Primary Vehicular Movement
- Secondary Vehicular Movement
- Vehicluar Entry Points
- Pedestrian Entry Points
- Dining Seating
- Spectator Seating
- Terraced Seating
- Social Seating
- Outdoor Learning Areas
- Intimate Seating
- Passive Seating



2.7 Water Sensitive Urban Design Opportunities

Legend

- Contours
- Passive irrigation to tree bases
- Permeable unit paving to non-vehicular paths
- Opportunities for swales or raingardens at the base of banks
- Deco granite to seating areas

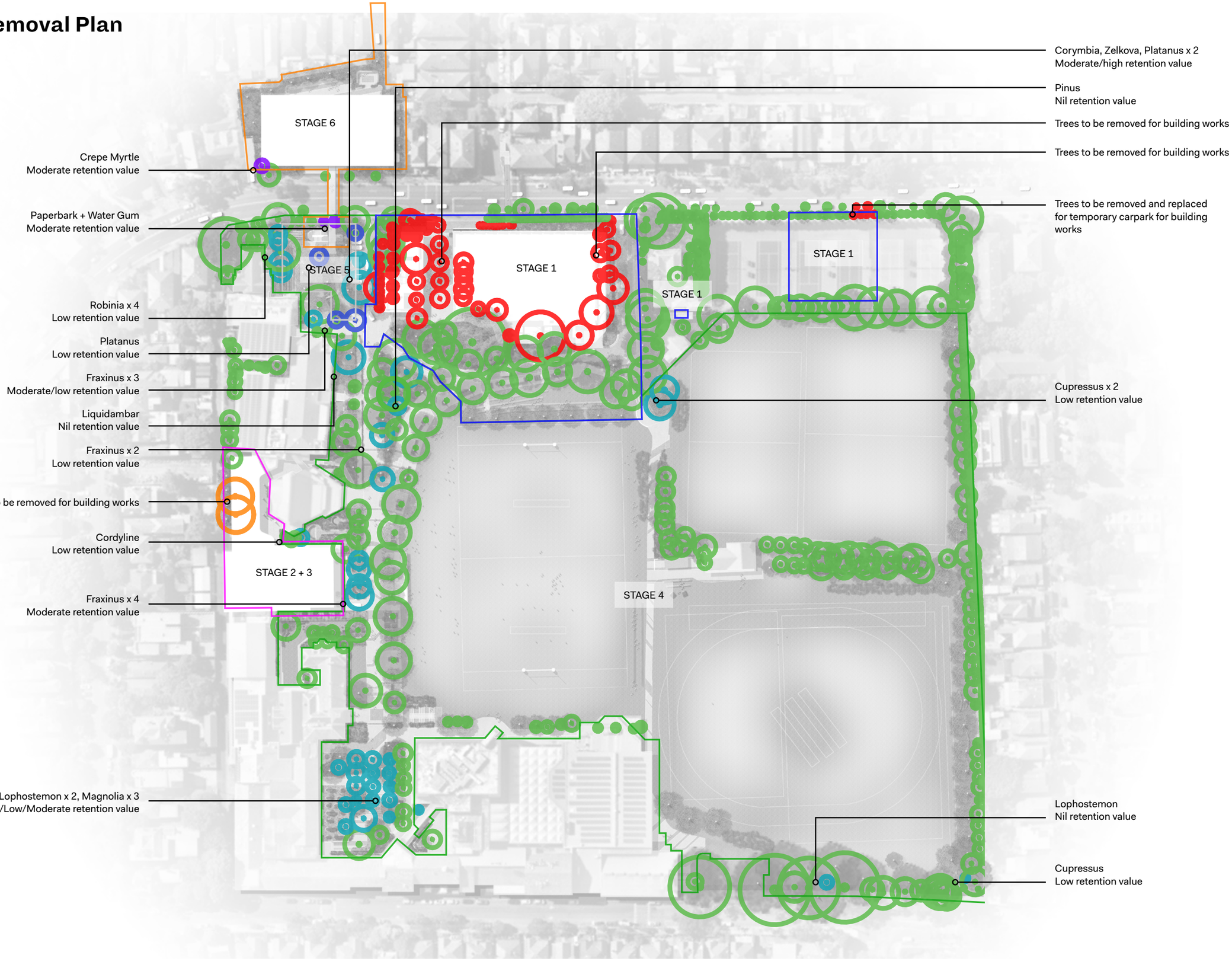


2.8 Tree Retention/Removal Plan

Legend

- To Be Removed Stage 1 - 72 existing
- To Be Removed Stage 2 - 2 existing
- To Be Removed Stage 3 - 0 existing
- To Be Removed Stage 4 - 41 existing
- To Be Removed Stage 5 - 4 existing
- To Be Removed Stage 6 - 3 existing
- To Be Retained - 612 existing

Total to be Removed = 122



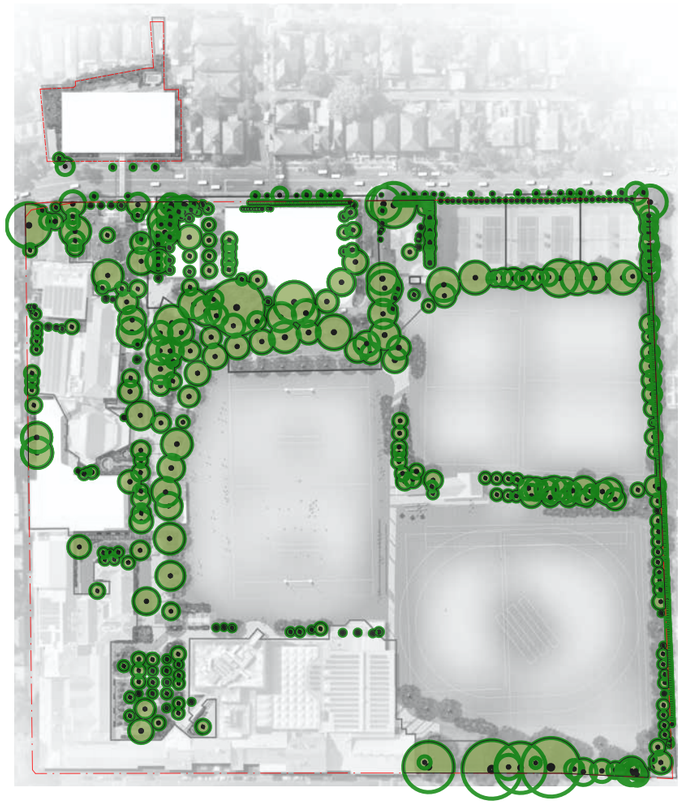
2.9 Tree Planting Masterplan

Legend

- Acmena smithii - 1 proposed
- Angophora costata - 5 proposed
- Corymbia maculata - 35 proposed
- Cupaniopsis anacardioides - 17 proposed
- Ficus hillii - 4 proposed
- Ficus rubiginosa - 1 proposed
- Juniperus chinensis 'Spartan' - 19 proposed
- Lophostemon confertus - 12 proposed
- Pinus halepensis - 1 proposed
- Pyrus calleryana 'Chanticleer' - 1 proposed
- Ulmus parvifolia - 9 proposed
- Waterhousea floribunda - 27 proposed
- Zelkova serrata 'Green Vase' - 6 proposed
- To Be Retained - 612 existing

Total Proposed = 138

2.10 Site Canopy Coverage



Existing Canopy Coverage

Site Area =	91,325m^2
Tree Canopy =	16,616m^2
Canopy Coverage =	18%

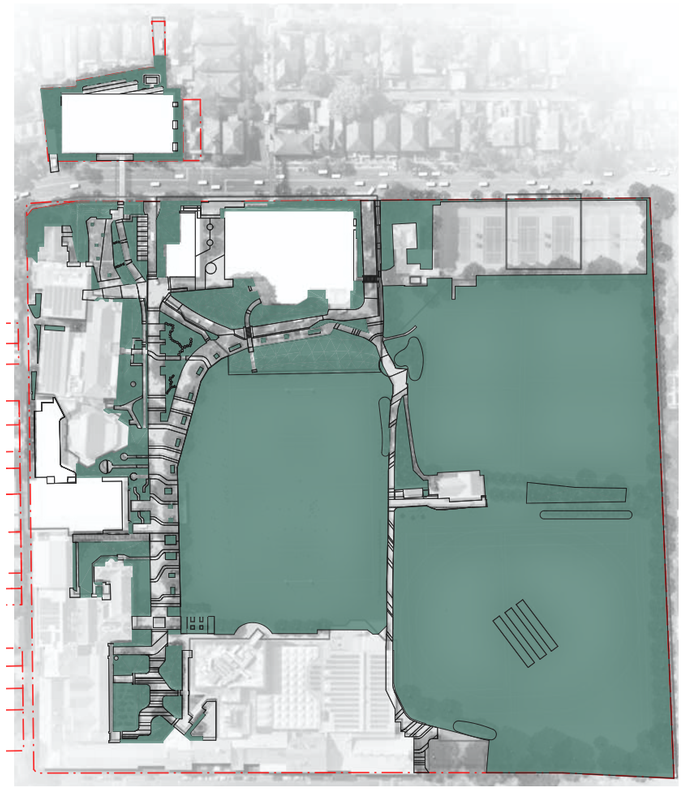
Proposed Canopy Coverage

Site Area =	91,325m^2
Tree Canopy =	20,570m^2
Canopy Coverage =	23%

2.11 Site Deep Soil

Existing Deep Soil

Site Area =	91,325m^2
Deep Soil Area =	50,815m^2
Deep Soil % =	56%



Proposed Deep Soil

Site Area =	91,325m^2
Deep Soil Area =	63,323m^2
Deep Soil % =	69%

3.0 Masterplan

3.1 Landscape Masterplan

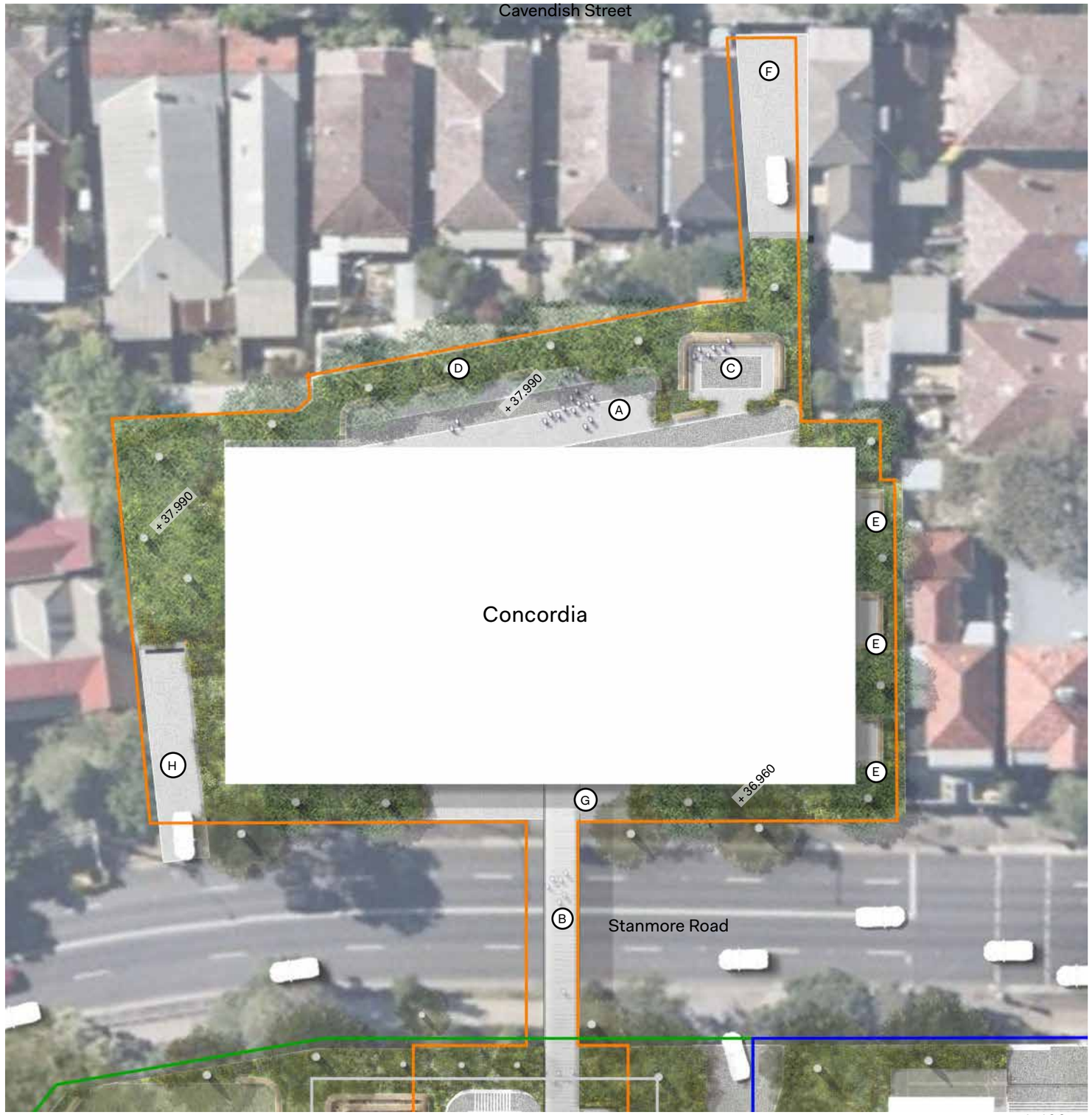
Legend

- Project Site
- (A) Concordia Building
- (B) Old Chapel
- (C) Main School Entrance
- (D) New Entrance Forecourt
- (E) Sevington Building
- (F) Sevington Forecourt West
- (G) Sevington East Interface
- (H) Le Couteur Building
- (I) Le Couteur Building Landscape
- (J) Chapel
- (K) Centenary Hall and College Lane Building
- (L) Founders Building
- (M) Johnson Oval
- (N) Nesbitt Wing
- (O) Rae & Pyke Centre
- (P) Taylor Sports Centre
- (Q) Buchanan Oval
- (R) Old Boys Oval
- (S) Parsonage
- (T) Space Frame
- (U) Pavilion Building
- (V) New Pedestrian Footbridge
- (W) Potential New Entry from Stanmore Road

3.2 Concordia Building Landscape - Stage 6

Legend

A	Landscape courtyard to Concordia theatre
B	New footbridge link to main campus
C	Ampitheatre rehearsal space
D	Proposed tree planting in deep soil zone
E	Outdoor learning spaces
F	Basement carpark vehicular entry from Cavendish St, beneath landscape
G	Pedestrian entrance forcourt from Stanmore Road
H	Vehicle exit from basement onto Stanmore Road



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A


A


C

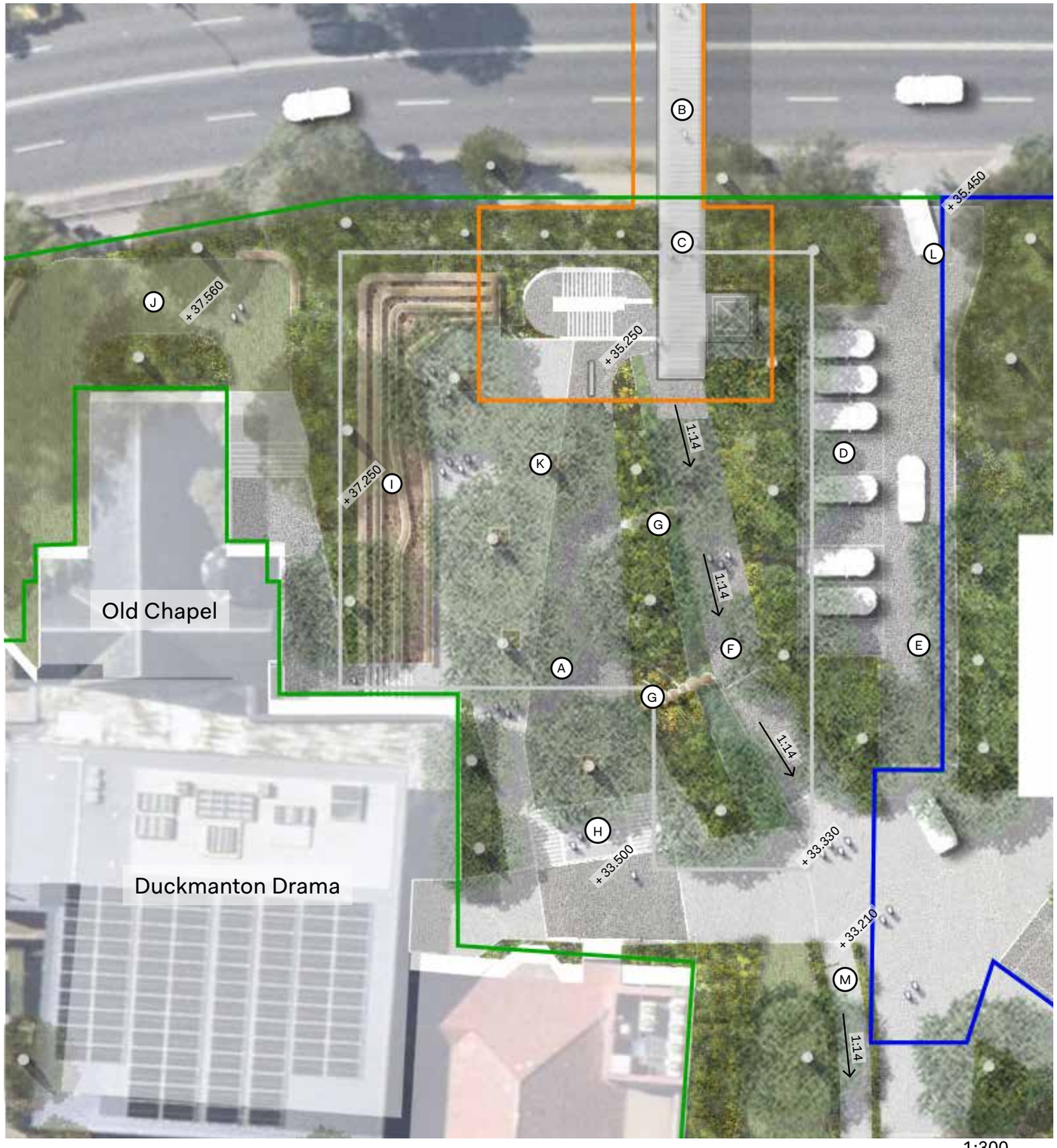

D


E

3.3 Entry & Old Chapel Landscape - Stage 4, 5 + 6

Legend

A	Feature paving designed to replicate the natural flow of water across the site's topography whilst reinforcing desire lines
B	New footbridge link to Concordia, with stair and lift access
C	New entry under footbridge
D	10 new carspaces off Memorial Drive
E	Localised regrading of Memorial Drive to create compliant grades to carspaces
F	1:14 ramps create an accessible connection between Memorial Drive and the footbridge
G	Informal stairs connect ramp landings to central plaza space
H	New stair and bleacher maintains existing connection between forecourt and Memorial Drive
I	Sandstone bleachers create seating and assembly opportunity in footprint of existing retaining wall
J	Existing Old Chapel garden under existing mature trees, with proposed seating benches and boulders
K	Increased tree planting to provide canopy coverage
L	Existing vehicle exit
M	Realigned existing ramp to strengthen connection between Memorial Drive and new plaza



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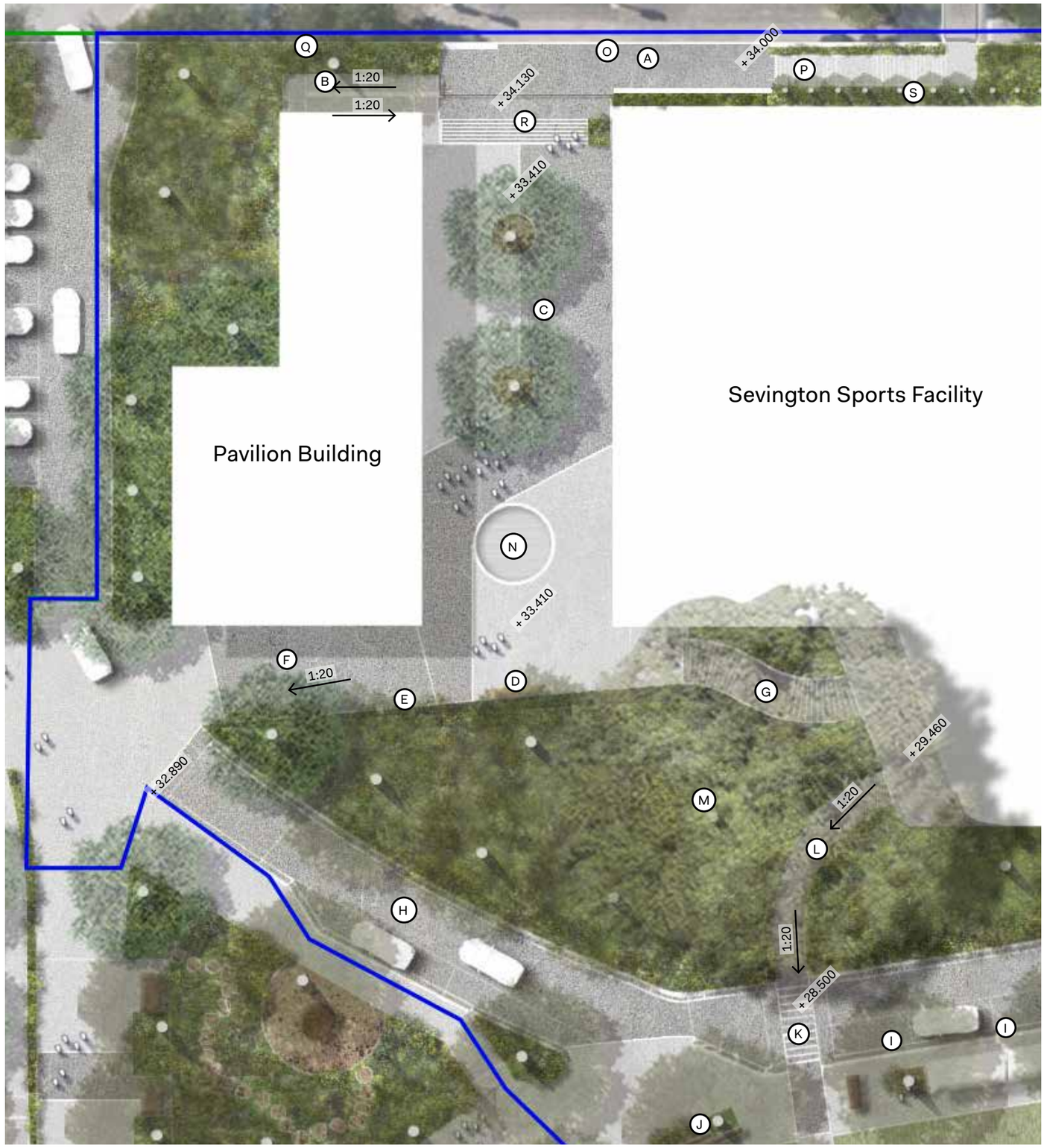
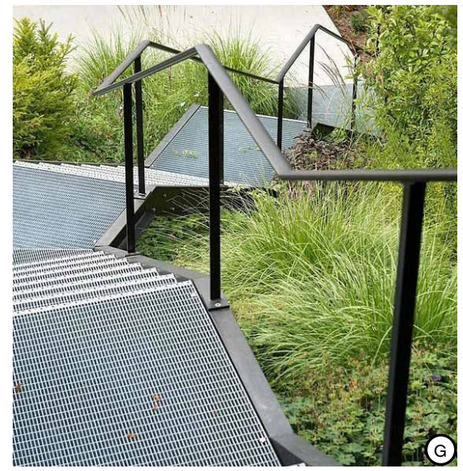
3.4 Sevington West Forecourt - Stage 1

Legend

A	Relocated existing signage
B	1:20 accessible ramp against pavillion building
C	Open flexible plaza space with trees setdown in permeable paving and feature paving patterns
D	Sandstone seat to southern edge of plaza to catch views of plaza and also the rest of campus
E	Balustrade to southern plaza edge to prevent falls to existing ground within TPZs
F	Extra wide 1:20 ramp connects with Memorial Drive
G	Lightweight stairs leading to Sevington lower forecourt & strength and conditioning entry
H	Existing driveway and parking retained
I	Existing kiss and drop zones with shelters
J	Proposed additional seating and planting to oval edge
K	Proposed pedestrian crossing to Sevington entry
L	1:20 ramp towards Johnson Oval in path of existing driveway to prevent damage to significant fig tree
M	Existing significant fig tree to be retained
N	Oculus to rooms below
O	Secure Line
P	Existing footbridge stairs
Q	Existing sandstone fence
R	Grand entry stair
S	10 x replacement junipers





3.5 Sevington East Interface - Stage 1 + 4

Legend

A	Existing driveway and vehicular gate
B	Planted buffer to upper driveway level with small trees to increase canopy coverage
C	Outdoor breakout spaces off general learning areas
D	Existing parking spaces to be retained
E	Proposed pedestrian crossing to general learning areas
F	Driveway realignment with extensive planted buffer to Sevington
G	Building overhang above new carpark entry
H	Feature paving designed to replicate the natural flow of water across the site's topography
I	Removal of existing vehicle crossing to prevent clashes at carpark entry and allow for more softscape
J	Existing kiss and drop zones with shelters
K	Proposed additional kiss and drop shelters and spectator/lunchtime furniture
L	Existing conifers to be retained
M	New substation to engineer's documentation
N	Existing booster pump to be retained

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3.6 Le Couteur Landscape - Stage 4

Legend

A	New widened mouth of Memorial Drive to emphasise connections between two new plazas
B	Redirected 1:14 ramp to Le Couteur garden to reinforce plaza connection
C	Feature paving designed to replicate the natural flow of water across the site's topography
D	Memorial drive repaved as shared zone to create a pedestrian friendly space and strong school axis
E	Existing driveway and carspaces retained
F	Improved outdoor learning and lunch spaces overlooking Johnson Oval
G	Raised path and stair access across lawn to Le Couteur main entry
H	Sandstone steppers under existing trees for informal play
I	Permeable paving seating zones to garden spaces
J	Proposed raingarden to low point with proposed tree planting
K	Existing lawn in front of Le Couteur, with reduced formal hedge planting and extended open flexible lawn and seating in semi shade of trees
L	Existing driveway repaved as share zone. Existing game linemarkings reinstated.
M	Accessible parking space

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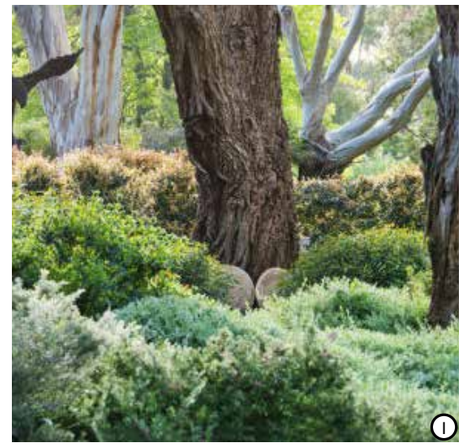
3.7 Chapel & Centenary Hall Landscape - Stage 2, 3 + 4

Legend

A	Feature paving designed to replicate the natural flow of water across the site's topography
B	Memorial drive repaved as shared zone to create a pedestrian friendly space and strong school axis
C	Improved outdoor learning and lunch spaces overlooking Johnson Oval
D	Existing war memorial & rose garden
E	Proposed seating & reflection space within rose garden
F	Centenary Hall forecourt and stairs with proposed alfresco dining furniture
G	Proposed curvilinear seating and tables with permeable paving and new tree planting
H	Proposed arbor with climbers and outdoor dining spces underneath
I	Additional tree planting to College Lane Building street frontage
J	Accessible parking spaces
K	New courtyard space with planting and seating opportunities



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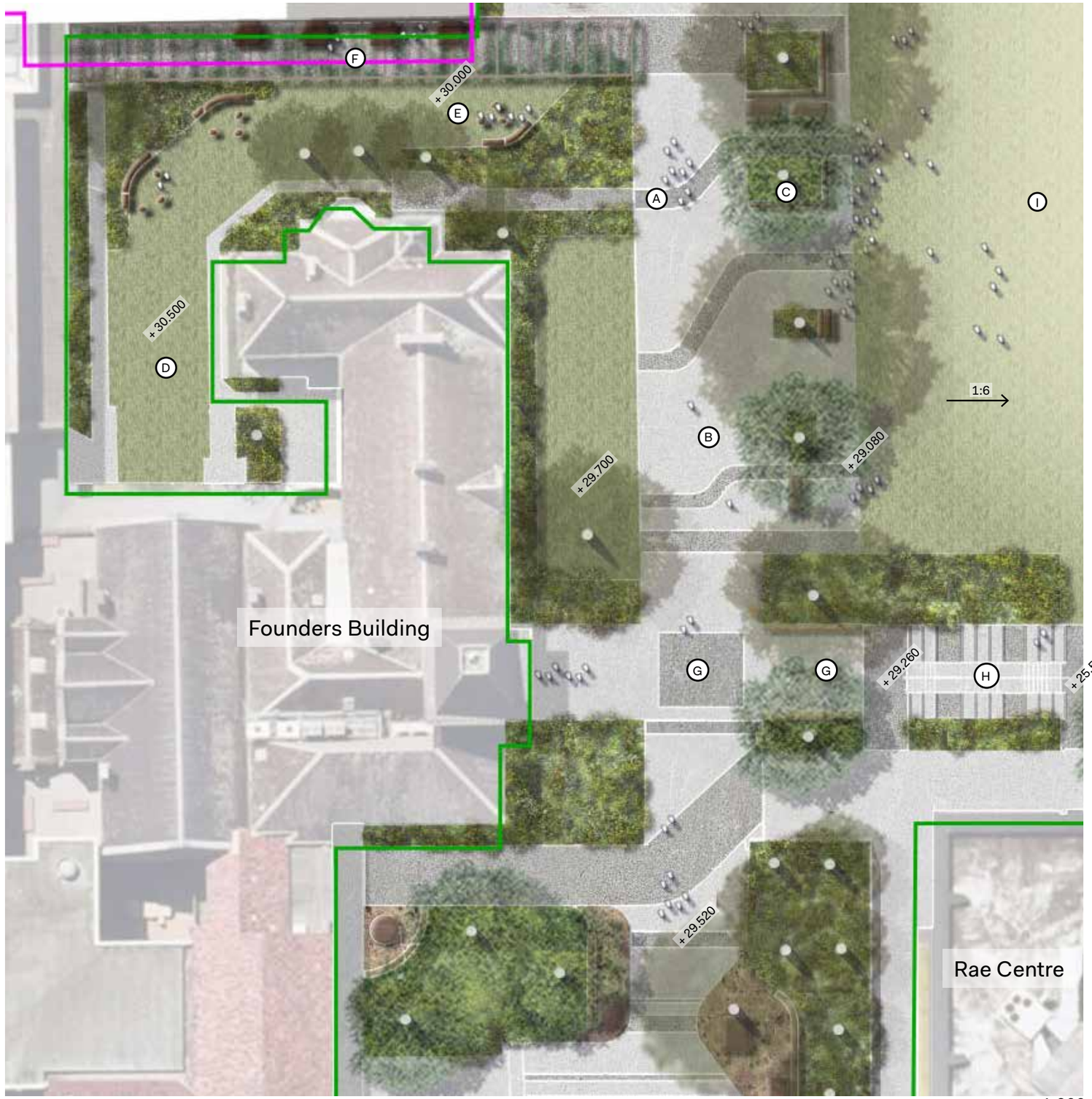
3.8 Founders Building Landscape - Stage 4

Legend

A	Feature paving designed to replicate the natural flow of water across the site's topography
B	Memorial drive repaved as shared zone to create a pedestrian friendly space and strong school axis
C	Improved outdoor learning and lunch spaces overlooking Johnson Oval
D	Existing Founders Building lawn
E	Removal of carparking spaces to create flexible lawn and garden extension, and improved connection to existing lawn
F	Proposed arbor with climbers with outdoor learning spaces and dining underneath
G	Existing Newington paving and flagpoles to be retained and new seating walls proposed
H	Proposed formal stair and bleacher access to Johnson Oval
I	Johnson Oval



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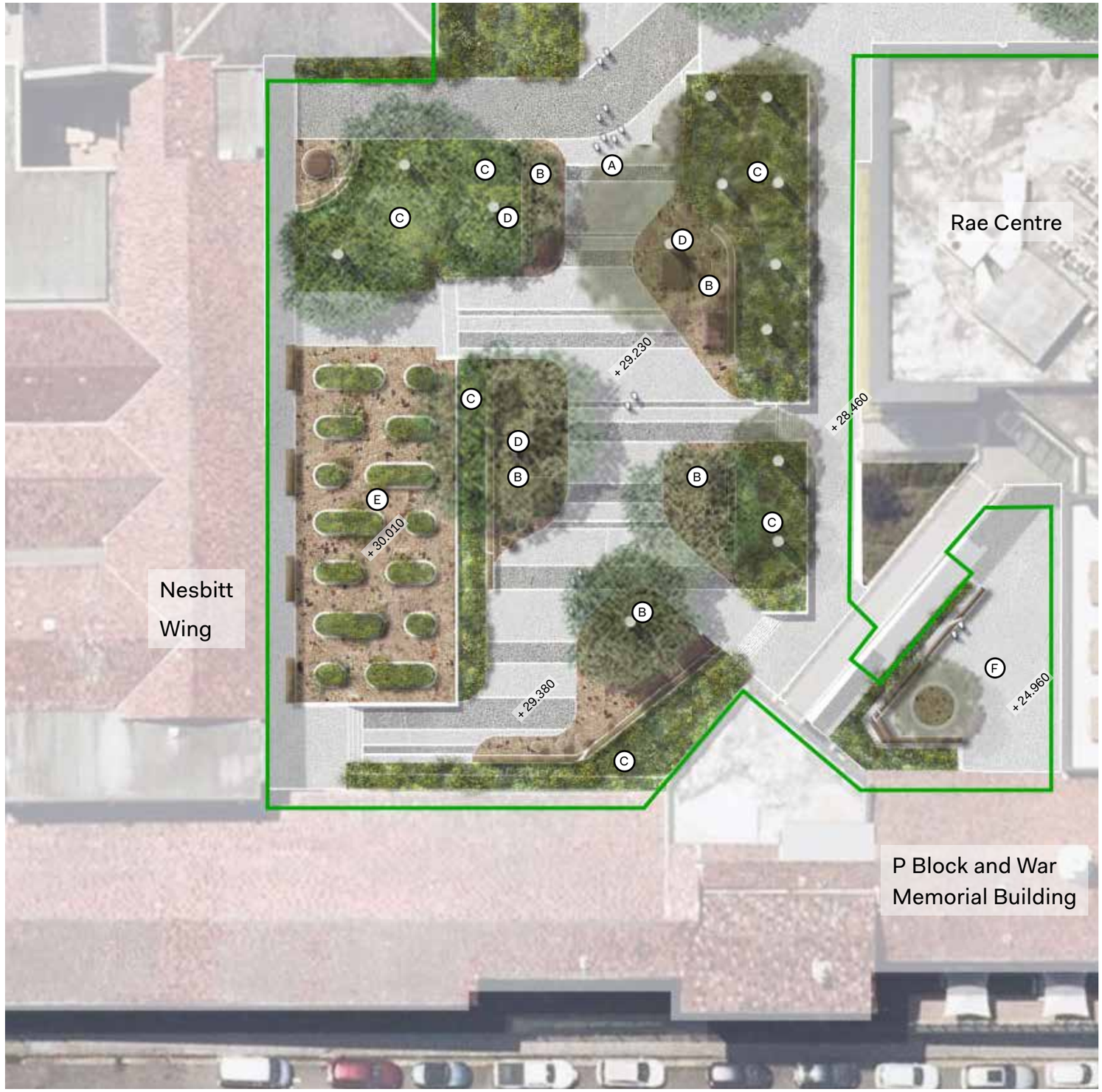
3.9 Nesbitt Wing Courtyard - Stage 4

Legend

A	Potential to retain existing paving to feed into new paving to remainder of Memorial Drive
B	Permeable paving to hang out areas with a variety of different seating types
C	Expanded planting to backs of seating areas
D	Proposed large canopy trees to replace existing small trees as part of wholistic tree strategy
E	Proposed productive garden
F	Existing Pyke Centre courtyard with proposed terraced seating stairs, seating boulders and planting



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3.10 Johnson Oval - Stage 1 + 4

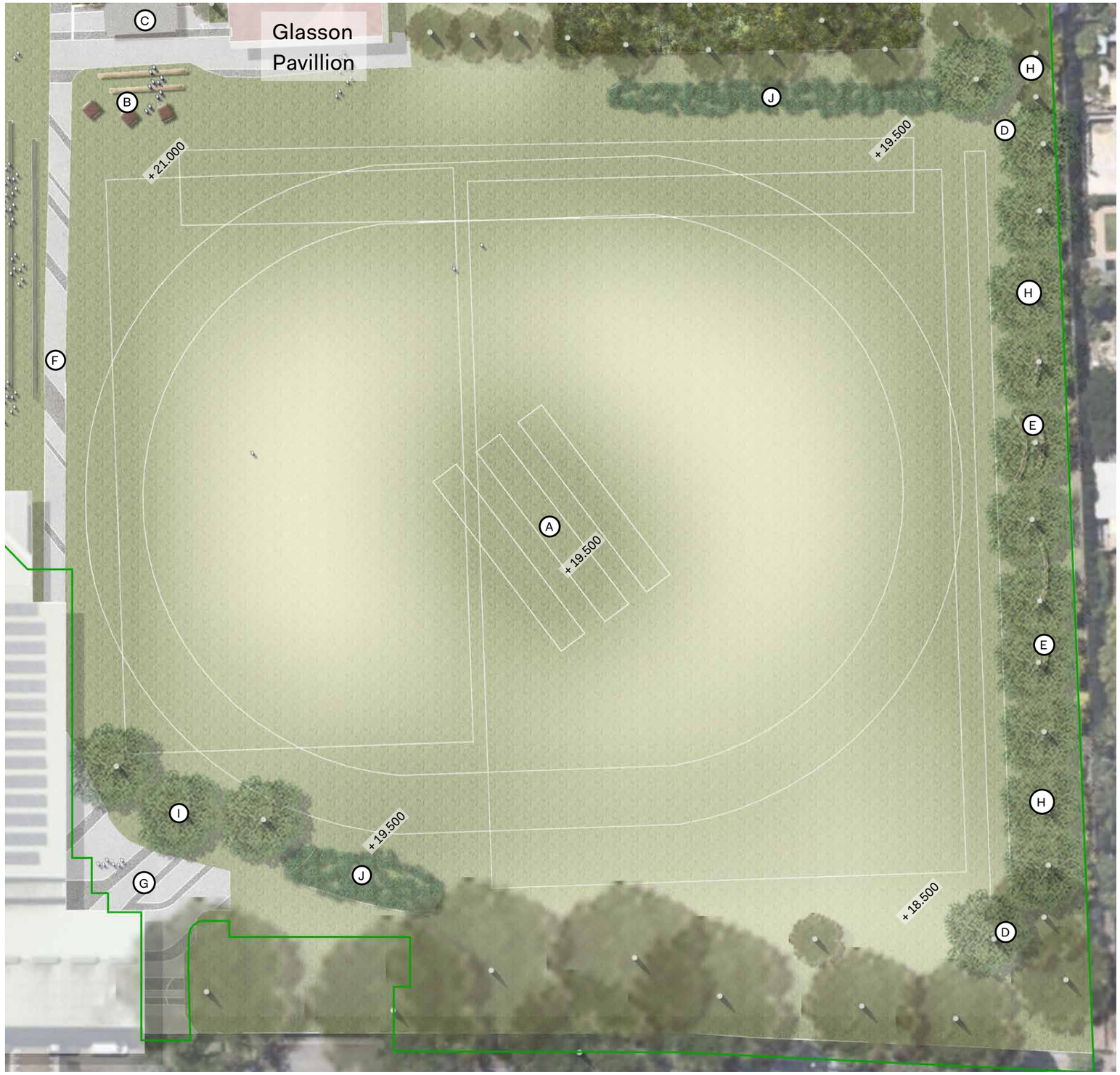
Legend

A	Johnson Oval
B	Formal concrete terraces along Johnson Oval northern embankment
C	Proposed repaved maintenance path
D	Two acessible carparks
E	New shade tree planting
F	BBQ area and shelter with increased seating for spectators and lunchtime
G	Permanent shade structure for winter spectating
H	New stair and bleacher connection
I	Infill tree planting to smaller species including location of new Aleppo Pine close to flag poles
J	WSUD swale to low point of slope
K	Bleacher seating

3.11 Buchanan Oval & Southern Entrance - Stage 4

Legend

A	Buchanan Oval
B	Proposed picnic tables
C	Existing picnic shelter and BBQs
D	Existing sandstone terraced walls
E	Improved spectator seating and shelters along eastern edge
F	Proposed repaved access way to formalise path
G	Repaved southern pedestrian entrance to Newington Road
H	New shade tree planting
I	New tree planting to improve amenity of southern entrance
J	WSUD swales to low points of embankments



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4.0 Materiality and Planting

4.1 Indicative Materials Palette

CONCRETE GARDEN BED WALLS
COURTYARDS

SANDSTONE AMPHITHEATRE
ENTRY PLAZA

DECOMPOSED GRANITE
SEATING POCKETS

CONCRETE STAIRS & LAWN TERRACING
JOHNSON OVAL

SEATING DECKS
MEMORIAL DRIVE

TIMBER ARBOR
CENTENARY HALL

LONG TIMBER SEATING
MEMORIAL DRIVE

CONCRETE UNIT PAVING
MAIN PEDESTRIAN WALKWAYS

CURVED TIMBER PICNIC TABLES
CENTENARY HALL

RECYCLED SANDSTONE WALL SEATING
JOHNSON OVAL BOUNDARY

PERMEABLE GROUNDPLANE
SEATING POCKETS

TIMBER SEATS WITH BACKING
LE COUTEUR BUILDING

RECYCLED SANDSTONE STEPPERS
MEMORIAL DRIVE ISLAND

TIMBER CUBE SEATING
SEATING AREAS

TREE SURROUNDS SEATING
MEMORIAL DRIVE

CONCRETE TERRACES
EASTERN OVAL BOUNDARIES

4.2 Indicative Planting Palette

Asterisk's represent species that are endemic to Sydney

Trees

Image	Botanic Name	Common Name	Height	Pot Size
	Acmena smithii	Lilly Pilly	5m	200L
	Angophora costata*	Sydney Red Gum	20m	400L
01	Corymbia maculata*	Spotted Gum	20m	100L
	Cupaniopsis anarcardiodes*	Tuckeroo	10m	100L
	Ficus hillii	Ornamental Fig	8m	400L
	Harpullia pendula	Tulipwood	8m	100L
	Juniperus chinensis 'Spartan'	Spartan Juniper	6m	75L
02	Lophostemon confertus	Brush Box	30m	400L
	Pinus halepensis	Aleppo Pine	20m	400L
	Pyrus 'Chanticleer'	Callery Pear	10m	400L
	Syzygium paniculatum*	Lilly Pilly	15m	100L
	Ulmus parvifolia	Chinese Elm	10m	200L
	Waterhousia floribunda	Weeping Lilly Pilly	10m	100L

PM01 - Grasses and Groundcovers - Full Sun

Image	Botanic Name	Common Name	H x W	Pot Size
03	Brachyscome angustifolia	Cut Leaf Daisy	0.3m x 0.3m	150mm
04	Casurina glauca	Cousin It	0.3m x 0.4m	150mm
	Hardenbergia violacea*	Coral Pea	1.5m x 1.5m	300mm
	Helichrysum rutidolepsis*	Pale Everlasting	0.3m x 0.3m	150mm
	Lomandra glauca*	Blue Lomandra	0.3m x 0.3m	150mm
	Goodenia ovata*	Hop goodenia	0.2m x 1m	150mm
05	Pandorea pandorana*	Bower Vine	2m x 2m	300mm
06	Poa affinis*	Thick Tussock Grass	1.2m x 0.5m	150mm
	Wahlenbergia gracilis*	Australian Bluebell	0.3m x 0.2m	150mm


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Asterisk's represent species that are endemic to Sydney

PM02 - Shrubs - Full Sun

Image	Botanic Name	Common Name	H x W	Pot Size
	Acacia myrtifolia*	Myrtle Wattle	2m x 2m	200mm
	Acmena smithii*	Lilly Pilly	4m x 2m	300mm
	Banksia spinulosa*	Spiny Banksia	3m x 2m	200mm
	Correa reflexa*	Native Fuchsia	1m x 0.5m	200mm
	Daviesia ulicifolia*	Gorse Bitter Pea	2m x 2m	200mm
	Grevillea sericea*	Spider Grevillea	1.5m x 1m	200mm
01	Leptospermum polygalifolium	Tea Tree	2m x 0.5m	200mm
	Leucopogon juniperinus	Prickly Beard Heath	0.5m x 0.5m	200mm
	Persoonia oblongata*	Geebung	2m x 2m	200mm
02	Pimelea linifolia*	Rice Flower	1.5m x 1.5m	200mm
	Pultenaea mollis*	Guniea flower	2m x 1m	200mm
	Xanthorrhoea arborea*	Grass Tree	3m x 2m	300mm

PM03 - Grasses and Groundcovers - Part Shade

Image	Botanic Name	Common Name	H x W	Pot Size
03	Ajuga australis*	Bugleweed	0.2m x 0.4m	150mm
	Dianella caerulea*	Blue Flax	0.7m x 5m	150mm
	Dichondra repens*	Kidney Weed	0.1m x 0.3m	150mm
04	Doodia aspera*	Rasp Fern	0.4m x 0.4m	150mm
	Lomandra longifolia*	Mattrush	1m x 1m	150mm
05	Myoporum parvifolium	Creeping Boobialla	0.2m x 1m	150mm
	Poa labillardierei	Tussock Grass	1.2m x 0.5m	150mm
06	Viola hederacea*	Native Violet	0.2m x 1m	150mm

PM04 - Shrubs - Part Shade

Image	Botanic Name	Common Name	H x W	Pot Size
	Alpinia caerulea*	Native Ginger	1m x 1m	200mm
	Asplenium nidus*	Birdsnest Fern	1m x 1m	300mm
07	Baeckea camphorata*	Camphor Bush	0.7m x 0.7m	200mm
	Doryanthes excelsa*	Gymea Lily	2m x 02m	300mm
08	Cordyline stricta	Native Cordyline	2m x 1m	300mm
	Correa glabra	Rock Correa	2m x 2m	200mm
	Indigofera australis*	Australian Indigo	1m x 1m	200mm
	Kunzea ambigua*	Tick Bush	2m x 2m	200mm
09	Plectranthus argentatus*	Silver Plectranthus	1.5m x 1.5m	200mm


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Asterisk's represent species that are endemic to Sydney

PM05 - Swale Planting - Full Sun to Part Shade

Image	Botanic Name	Common Name	H x W	Pot Size
	Carex inversa*	Knob Sedge	0.5m x 0.5m	150mm
01	Ficinia nodosa*	Knobby Club Rush	1m x 1m	300mm
02	Gahnia aspera*	Rough Saw Sedge	1m x 1m	150mm
	Hydrocotyle ranunculoides	Pennywort	0.3m x 0.4m	150mm
	Juncus kraussii	Salt Marsh	1m x 1.5m	150mm
	Lomandra 'Shara'	River Mat Rush	0.5m x 0.5m	150mm

PM06 - Grasses and Groundcovers - Full Shade

Image	Botanic Name	Common Name	H x W	Pot Size
	Ajuga australis*	Bugleweed	0.2m x 0.4m	150mm
03	Dichondra repens*	Kidney Weed	0.1m x 0.4m	150mm
04	Doodia aspera*	Rasp Fern	0.4m x 0.4m	150mm
05	Lomandra longifolia*	Mattrush	1m x 1m	150mm
	Pratia pendunculata*	Creeping Pratia	0.1m x 0.4m	150mm
	Viola hederacea*	Native Violet	0.2m x 1m	150mm

PM07 - Shrubs - Full Shade

Image	Botanic Name	Common Name	H x W	Pot Size
06	Alpinia caerulea*	Native Ginger	1m x 1m	200mm
07	Aspidistra elatior	Cast Iron Plant	1m x 1m	200mm
08	Asplenium nidus*	Birdsnest Fern	1m x 1m	300mm
	Baeckea camphorata*	Camphor Bush	0.7m x 0.7m	200mm
09	Blechnum nudum*	Water Fern	1m x 1m	300mm
	Cordyline stricta	Native Cordyline	2m x 1m	300mm
	Pteridium esculentum*	Bracken Fern	0.5m x 0.5m	200mm
	Plectranthus argentatus*	Silver Plectranthus	1.5m x 1.5m	200mm


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5.0 Landscape Responses

5.1 Responses to SDRP 02 Comments

Item No.	GA NSW SDRP Comment	Response
5b	Further develop the school's interface with Stanmore Road to create a civic address that is well-integrated into the urban fabric and benefits the neighbourhood. Design the forecourt adjacent to the level-crossing as a civic space. Make it more generous and welcoming	With the addition of the Pavilion Building, the street address at Stanmore Road has been addressed through the removal of part of the sandstone fencing, the relocation of the existing Newington College signage and the design of a new grand entry stair that opens the school up to the street interface creating a new civic plaza space at the main entry to the school
5d	Consider reconfiguring the boundary fence at the forecourt to free up space. Explore using the building (all or part) as the secure line.	Part of the boundary fence has been removed to further open up this entry. The secure line meets the building facade and utilises the relocated existing signage and sandstone boundary fence
9	Demonstrate that the area between the Stanmore Rd entry and Memorial Drive is a safe and comfortable environment for pedestrians. Resolve conflict points with vehicles using the drop-off loop road and the proposed car park.	The intersection at the base of the Pavilion forecourt, new western plaza and Memorial Drive has been significantly expanded to help resolve this issue. Parking to the western forecourt has been minimised to help reduce vehicle movements within this space. The busy school drop off and pick up periods will continue to be managed by the College
10	Rationalise or simplify movement of paths to create a better balance between circulation and landscaped areas.	The architectural and parking changes in the northern part of the site have helped to reduce complexity of path networks and allowed for more breathing room for landscape spaces. Circulation around the southern boundary of Sevington has been significantly reduced to protect existing trees and this also helps to simplify accessible and non-accessible routes
11	Review the southern termination of Memorial Drive to create a sense of destination. Explore: – how the buildings and their forecourts interface with this space – future proofing for a new public entry from Newington Road that is on-axis with Memorial Drive.	The southern termination of Memorial Drive has been loosened up in it's design to better relate to our Connecting with Country principles and the relationships between the landscape and the surrounding buildings. This looser design also allows for possible future developments relating to the southern school entry off Newington Road
12	Ensure outdoor social spaces cater for diverse users and are well-integrated with key circulation routes and adjacent buildings. For example, provide seating configurations that support how different age and gender groups socialise.	Care has been taken to diversify the landscape offering. This includes creating spaces for dining, spectating, socialising and outdoor learning. We have included some quiet and more intimate spaces for smaller groups or individuals, as well as terraced seating for people-watching. The design of these spaces directly correlates with the use of adjacent buildings to ensure continuity of use. The master plan creates a diversity of spaces for different genders and ages of students
13	Reduce or avoid small isolated 'islands' of landscaping between paths and paved areas.	Landscape islands have been reduced in favour of more meaningful landscape offerings
24	Detailed studies of the Courts Building's external stair and landscape transition from the Level 2 arrival forecourt to the Level 1 southern entry	The southern entry into the Sevington Building has been reworked as a secondary entry to protect existing TPZs
25	Site plans and landscape plans co-ordinated to show all retained, removed and new trees.	Tree removal and replacement strategies have been coordinated across the site